

User ID: XJLSTEGER

RAW DATA REPORT

Report Request ID: 1657126

Report Code: AMP350

May. 30, 2018

GEOGRAPHIC SELECTIONS

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

37

PROTOCOL SELECTIONS

Parameter Classification	Parameter	Method	Duration
CRITERIA	42401		

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
SO2 1-hour 2010

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4280000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-.2	-.2	-.2	-.2	-.2	BF	-.1	-.2	-.1	-.1	-.2	-.1	-.1	.0	-.1	-.1	.0	.0	.0	-.1	.0	.0	.1	.1	23	.1
2	.1	.0	.0	.1	.1	BF	.2	.2	.2	.3	.3	.3	.4	.2	.2	.2	.1	.1	.1	.0	.3	.2	.2	.2	23	.4
3	.3	.2	.2	.2	.3	BF	.3	.4	.5	.3	.4	.5	.6	1.2	1.1	.6	.3	.4	.4	.3	.3	.3	.3	.3	23	1.2
4	.3	.2	.3	.2	.3	BF	.5	.6	.8	.9	.7	.8	.8	.5	.5	.6	.6	.6	.7	.8	.6	.5	.6	.7	23	.9
5	.7	1.0	1.0	.8	.6	BF	.8	.7	.8	.7	.7	.7	.7	.7	.7	.7	.8	.9	.7	.7	1.0	1.2	.9	.9	23	1.2
6	.9	1.0	.9	.8	.8	BF	.9	.7	.8	.7	.7	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.4	.5	.5	23	1.0
7	.4	.5	.5	.5	.4	BF	.6	.4	.4	.3	.4	.3	.2	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	23	.6
8	.2	.2	.2	.2	.2	BF	.2	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.1	23	.2
9	.1	.0	.1	.1	.1	BF	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	23	.1
10	.0	.0	.0	-.1	-.1	BF	.0	3.8	.2	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.2	23	3.8
11	.2	.3	.3	.4	.5	BF	.4	.4	.7	.6	.5	.4	.4	.5	.5	.5	.4	.5	.4	.5	.4	.5	.5	.5	23	.7
12	.5	.4	.5	1.2	7.8	BF	1.1	.7	.7	3.2	8.5	.8	.6	.9	.6	.5	.5	.7	.6	.7	.6	.7	.7	.6	23	8.5
13	.5	.6	.7	.8	.8	BF	.7	.7	.7	.7	BA	BA	BC	BC	-.1	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.1	19	.8
14	3.4	14.7	8.3	19.2	12.2	BF	1.1	.8	.7	.3	.1	-.1	-.1	-.1	-.1	.1	-.1	.3	1.5	2.4	6.2	2.8	.9	2.7	23	19.2
15	6.1	1.0	2.4	2.6	.7	BF	.1	-.2	-.2	.1	.3	.2	.3	.0	-.1	-.2	-.3	-.4	-.5	-.5	-.2	-.2	-.4	-.5	23	6.1
16	-.6	-.6	-.6	-.6	-.5	BF	-.5	-.4	-.5	-.5	-.5	-.6	-.6	-.5	-.6	-.5	-.6	-.5	-.6	-.6	-.6	-.6	-.7	-.7	23	-.4
17	-.6	-.6	-.5	-.6	-.6	BF	-.5	-.5	-.4	-.5	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.4	-.5	-.6	-.5	-.6	-.5	23	-.4
18	-.5	-.6	-.6	-.4	-.4	BF	-.5	-.5	-.3	-.2	-.2	-.1	-.3	-.2	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.3	23	-.1
19	-.3	-.2	-.2	-.1	.0	BF	.0	-.1	-.1	.0	-.1	.1	.2	.2	.2	.1	.2	.2	.2	.3	.2	.3	.3	.5	23	.5
20	.5	.4	.4	.3	.2	BF	.3	.3	.6	.6	.8	.9	1.2	.8	1.0	5.3	3.7	1.1	.7	.5	.4	.3	.4	.4	23	5.3
21	.5	.5	.5	.5	.5	BF	.6	.4	.5	.6	.4	.6	.7	.5	.4	.4	.3	.5	.3	.2	.3	.2	.1	.5	23	.7
22	.4	.2	.1	.3	.5	BF	.9	1.5	1.1	.6	.5	.4	.2	.1	.1	.1	.0	-.1	.0	-.1	-.3	-.2	-.2	-.3	23	1.5
23	-.3	-.3	-.4	-.3	-.3	BF	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.1	-.2	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	23	-.1
24	-.2	-.1	-.1	-.1	.0	BF	.1	.2	.3	.3	.4	.4	.3	.1	.2	.2	.2	.2	.1	.1	.0	.0	.0	.0	23	.4
25	-.1	.0	.0	.0	.0	BF	.0	.2	.1	.1	.2	.2	.2	.4	.3	.3	.0	-.1	-.1	.0	-.1	-.1	-.1	-.2	23	.4
26	-.1	-.1	-.1	-.1	-.1	BF	.2	.1	.5	.4	.6	2.2	.4	.0	.6	.3	.0	-.1	-.1	-.1	.0	.1	.2	.5	23	2.2
27	.6	1.1	.7	.5	.4	BF	-.1	.0	.0	.1	.0	.0	-.1	-.1	-.2	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.3	-.3	23	1.1
28	-.3	-.4	-.4	-.4	-.4	BF	-.3	-.3	-.3	-.3	-.2	-.1	-.2	-.2	-.4	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	23	-.1
29	-.5	-.4	-.4	-.4	-.3	BF	-.2	-.2	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.3	-.2	-.2	-.3	-.3	-.2	-.2	-.2	23	0.0
30	-.2	-.3	-.1	-.1	-.1	BF	-.1	.2	-.1	.0	.0	.1	.0	-.1	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	23	.2
31	4.1	4.6	.6	.2	2.6	BF	.4	.6	.6	5.1	1.1	.9	2.8	3.4	5.2	1.4	19.4	3.6	.5	.3	.2	17.3	14.0	1.1	23	19.4
NO.:	31	31	31	31	31		31	31	31	31	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	6.1	14.7	8.3	19.2	12.2		1.1	3.8	1.1	5.1	8.5	2.2	2.8	3.4	5.2	5.3	19.4	3.6	1.5	2.4	6.2	17.3	14.0	2.7		
AVG:	.51	.75	.45	.82	.84		.22	.33	.26	.46	.49	.29	.28	.29	.31	.31	.79	.22	.12	.13	.24	.71	.53	.19		

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .42 MONTHLY MAX: 19.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4280000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	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	3.7	.8	.5	.4	BF	.5	.5	.6	.9	.6	.3	.0	-.1	-.2	-.3	-.3	-.1	.0	-.1	.0	.0	2.9	.4	23	3.7		
2	.1	-.1	-.2	-.3	-.3	BF	-.3	-.4	-.5	-.4	-.4	-.3	-.4	-.4	-.6	-.5	-.5	-.6	-.6	-.7	-.6	-.6	-.6	-.6	23	.1		
3	-.5	-.6	-.5	-.5	-.5	BF	-.4	-.6	-.5	-.5	-.4	-.4	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.6	-.6	-.6	23	-.4		
4	-.6	-.6	-.7	-.7	-.7	BF	-.7	-.7	-.7	-.6	-.7	-.8	-.8	-.7	-.7	-.7	-.8	.0	-.6	-.6	-.7	-.8	-.8	-.7	23	0.0		
5	-.8	-.8	-.8	-.7	-.7	BF	-.7	-.5	-.4	-.4	-.1	-.2	-.2	-.3	-.3	-.4	-.3	-.3	-.4	-.5	-.4	-.5	-.4	-.4	23	-.1		
6	-.4	-.3	-.4	-.4	-.5	BF	-.3	-.3	-.3	.1	.3	.1	.2	.1	.0	.0	.0	-.1	-.1	-.1	-.3	-.3	-.3	-.3	23	.3		
7	-.3	-.3	-.3	-.2	-.3	BF	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.2	-.2	-.2	-.3	-.1	23	-.1		
8	-.1	.0	.3	.3	.3	BF	.3	.2	.4	.6	.6	.5	.1	.1	.2	1.5	.1	.1	.1	.0	-.1	.0	-.5	-.4	23	1.5		
9	-.4	-.4	-.5	-.5	-.5	BF	-.4	-.4	-.3	.2	.0	-.3	-.2	-.3	-.4	-.4	-.5	-.3	-.4	-.4	-.3	-.3	-.3	-.2	23	.2		
10	-.2	-.3	-.3	-.2	-.3	BF	-.2	.0	.1	.0	-.1	.0	.0	.0	-.1	-.1	-.2	-.2	.0	.0	.0	-.1	.1	.1	23	.1		
11	.1	.2	.7	.4	.1	BF	.4	.8	.2	.1	.2	.4	BA	.4	.5	.5	.4	.2	.1	.1	.1	-.1	.0	-.1	22	.8		
12	-.1	.0	.0	.1	.1	BF	.1	.1	.1	.1	.2	.2	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	23	.2		
13	-.1	-.1	-.2	-.2	-.2	BF	.0	.1	.1	.1	.0	-.1	-.1	-.1	.1	.0	.0	.1	.2	.1	.1	.2	.3	.2	23	.3		
14	.1	.1	.2	.1	.2	BF	.4	.2	.2	.3	.2	.1	.2	.3	.4	.3	.4	.9	1.2	1.0	.6	.5	.5	.4	23	1.2		
15	.4	.4	.3	.2	.2	BF	.2	.0	.1	.1	.0	.0	.1	.1	.6	.3	.3	.8	1.2	.5	.2	.1	.0	.0	23	1.2		
16	-.1	-.1	-.1	-.2	-.2	BF	-.2	-.3	-.3	-.3	4.3	7.8	5.0	.3	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.2	23	7.8		
17	-.3	-.2	-.3	-.3	-.4	BF	-.2	-.3	-.2	-.1	-.1	.1	-.2	-.2	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.3	23	.1		
18	-.3	-.3	-.4	-.3	-.2	BF	-.1	-.1	.0	.0	.1	.0	.2	.8	.1	.0	.0	-.1	-.1	-.1	.1	.1	.0	.0	23	.8		
19	-.1	-.1	-.1	-.2	-.1	BF	.0	.0	.1	.1	.1	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.3	-.1	-.2	.8	23	.8		
20	2.2	.9	.2	.6	.9	BF	.7	.3	.2	.0	.0	.0	.0	.1	-.1	.0	-.1	-.1	-.1	-.2	-.2	.2	-.1	.1	23	2.2		
21	.0	-.1	-.1	-.1	.0	BF	-.2	-.2	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.2	-.2	-.3	3.4	.1	-.1	23	3.4		
22	-.2	-.3	-.3	-.3	-.3	BF	-.4	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.6	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.4	23	-.2		
23	-.5	-.5	-.5	-.6	-.5	BF	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.5	23	-.5		
24	-.5	-.6	-.6	-.6	-.6	BF	-.6	-.6	-.6	-.6	-.7	-.7	-.8	-.7	-.7	-.7	-.8	-.8	-.7	-.8	-.8	.2	15.4	.5	23	15.4		
25	-.4	-.6	-.7	-.6	-.6	BF	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.6	-.5	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.4	23	-.4		
26	-.5	-.4	-.5	-.5	-.4	BF	-.3	-.4	-.3	-.2	-.2	-.2	-.2	-.3	-.3	.0	-.1	-.2	-.3	-.4	-.4	-.4	-.3	-.2	23	0.0		
27	-.2	-.2	-.2	-.2	-.2	BF	-.1	.3	.5	.4	.2	.3	.3	.1	.0	.1	.1	.0	.1	.2	.1	-.1	.1	2.4	23	2.4		
28	10.3	4.8	.9	.5	.3	BF	.2	.2	.5	.4	.3	.2	.1	.0	-.1	.0	.7	.2	.0	-.1	1.7	4.5	12.8	32.3	23	32.3		
29	.9	.3	.2	.2	.2	BF	.3	.3	.3	.2	.1	.1	.0	.0	-.1	-.1	-.2	-.2	-.1	-.1	.4	.5	1.0	.6	23	1.0		
30																											0	
31																												0
NO.:	29	29	29	29	29		29	29	29	29	29	29	28	29	29	29	29	29	29	29	29	29	29	29	29			
MAX:	10.3	4.8	.9	.6	.9		.7	.8	.6	.9	4.3	7.8	5.0	.8	.6	1.5	.7	.9	1.2	1.0	1.7	4.5	15.4	32.3				
AVG:	.29	.12	-.14	-.16	-.16		-.11	-.13	-.09	-.04	.09	.17	.03	-.12	-.18	-.13	-.19	-.13	-.12	-.19	-.13	.12	.92	1.10				

MONTHLY OBSERVATIONS: 666 MONTHLY MEAN: .03 MONTHLY MAX: 32.3

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	.3	.0	-.3	-.4	-.4	BF	-.3	-.4	-.4	-.4	.3	1.6	2.1	.3	.0	-.2	-.2	.1	-.2	-.2	-.2	-.2	-.3	-.4	23	2.1
2	.0	1.3	12.5	18.2	1.0	BF	-.2	-.3	-.5	-.4	-.4	-.6	-.5	-.5	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.3	23	18.2
3	-.4	-.4	-.4	-.4	-.4	BF	-.4	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	-.1	.0	.0	.1	-.2	-.3	-.3	23	.1
4	-.4	-.3	-.3	-.4	-.4	BF	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.3	-.4	-.4	-.4	-.5	-.4	-.4	-.4	23	-.3
5	-.4	-.4	-.4	-.4	-.4	BF	-.3	-.4	-.3	-.2	-.1	.0	-.1	-.2	-.1	.2	.3	-.1	-.2	-.2	-.2	-.2	-.1	-.2	23	.3
6	-.2	-.3	-.2	-.2	-.3	BF	-.2	-.3	-.3	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	23	-.1
7	-.3	-.3	-.3	-.4	-.4	BF	-.3	-.2	-.3	-.2	2.3	3.0	.0	-.1	-.2	-.2	.7	.0	-.1	.0	3.5	1.1	3.9	.3	23	3.9
8	-.1	-.1	-.1	-.1	-.1	BF	-.2	-.1	-.1	-.2	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.2	-.1	.5	.2	.1	23	.5
9	.4	2.7	.3	.1	-.1	BF	-.2	-.2	-.1	-.3	-.3	-.3	-.3	-.3	.3	1.6	-.1	-.3	-.4	-.4	-.4	-.4	-.3	15.8	23	15.8
10	2.0	.3	.0	-.1	.0	BF	.4	-.1	-.2	-.3	-.5	-.5	-.1	.4	1.0	.4	-.3	-.5	-.4	-.3	3.8	45.2	12.5	.2	23	45.2
11	-.3	-.4	-.5	-.5	-.5	BF	-.5	-.5	-.6	-.5	-.5	-.6	-.4	-.4	-.5	-.2	-.3	-.5	.0	-.5	-.6	-.6	-.6	-.6	23	0.0
12	-.7	-.7	-.7	-.6	-.6	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.6	-.6	-.4	2.1	.9	23	2.1
13	-.1	-.4	-.5	.2	.0	BF	-.4	-.2	.7	-.1	-.2	.0	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.4	-.4	-.5	-.5	23	.7
14	-.7	-.5	6.2	.2	.4	BF	-.2	-.3	-.5	-.6	-.6	-.6	-.7	-.7	-.7	-.5	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.6	23	6.2
15	.0	.0	-.5	-.8	-.7	BF	-.7	-.8	-.6	-.7	-.6	-.7	-.7	-.7	-.8	-.8	-.7	-.7	-.7	-.7	-.7	-.8	-.8	-.7	23	0.0
16	-.6	-.7	-.7	-.6	-.7	BF	-.6	-.4	-.4	.0	-.2	-.4	-.2	2.6	.5	-.4	-.4	-.3	.0	-.2	-.3	5.5	.9	-.1	23	5.5
17	-.2	-.4	-.5	-.7	-.6	BF	-.5	-.5	.0	-.1	-.2	-.3	-.3	-.4	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.1	4.2	5.4	23	5.4
18	.4	-.2	-.4	-.5	-.5	BF	-.5	-.4	-.4	-.5	-.5	-.5	-.4	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.4	-.5	-.4	23	.4
19	-.4	-.4	-.5	-.4	-.5	BF	-.5	-.5	-.5	-.5	-.3	-.3	-.3	-.4	-.5	-.5	-.6	-.5	-.6	-.6	-.5	-.5	-.6	-.6	23	-.3
20	-.5	-.6	-.6	-.4	-.5	BF	-.4	-.6	-.5	-.5	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.5	-.5	23	-.4
21	-.5	-.5	-.5	-.5	-.5	BF	-.4	-.4	-.4	-.3	-.3	-.3	-.2	-.3	-.2	-.3	-.3	-.2	-.1	.0	-.2	-.3	-.3	-.2	23	0.0
22	-.3	-.2	-.4	-.3	-.3	BF	-.2	-.2	-.2	-.1	.0	1.4	.0	.0	-.1	-.2	.0	-.3	-.1	-.2	-.3	-.1	-.2	-.1	23	1.4
23	5.1	4.1	.2	.0	-.1	BF	.0	.0	-.1	.0	.1	.1	.0	-.1	.1	.0	.0	-.2	-.1	-.1	-.1	4.3	17.4	24.5	23	24.5
24	19.3	.5	3.5	8.2	2.6	BF	.1	.0	3.3	.7	1.0	10.0	4.2	-.2	-.4	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.5	23	19.3
25	-.5	-.7	-.6	-.7	-.6	BF	-.6	3.9	-.2	2.0	.0	4.1	3.1	-.4	2.8	1.7	-.4	-.5	-.5	-.6	-.5	.9	2.8	-.1	23	4.1
26	-.3	-.4	-.5	-.5	-.6	BF	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.7	-.7	-.7	23	-.3
27	-.6	-.7	-.6	-.7	-.6	BF	-.6	-.6	-.7	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.7	-.7	-.7	-.7	23	-.6
28	-.7	-.7	-.7	-.7	-.6	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.6	23	-.6
29	-.6	-.6	-.6	-.6	-.6	BF	-.5	-.5	-.1	-.4	-.5	-.5	-.3	-.3	-.4	-.4	-.5	-.5	-.4	-.6	-.4	-.5	-.5	-.5	23	-.1
30	-.5	-.5	-.4	-.5	-.5	BF	-.4	-.4	-.2	-.1	-.1	-.2	-.2	-.3	-.4	-.5	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	23	-.1
31	-.5	-.6	-.5	-.6	-.5	BF	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.8	-.7	23	-.5
NO.:	31	31	31	31	31		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	19.3	4.1	12.5	18.2	2.6		.4	3.9	3.3	2.0	2.3	10.0	4.2	2.6	2.8	1.7	.7	.1	0.0	0.0	3.8	45.2	17.4	24.5		
AVG:	.57	-.07	.35	.48	-.26		-.36	-.24	-.22	-.24	-.21	.32	-.01	-.25	-.20	-.22	-.35	-.41	-.40	-.41	-.17	1.50	1.06	1.18		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .06 MONTHLY MAX: 45.2

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4280000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2

DAY	0000	0100	0200	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	-.3	6.6	1.9	BF	-.1	-.5	.0	.5	-.5	1.5	3.4	2.2	4.8	1.2	-.5	-.6	-.7	-.6	-.6	-.4	-.5	-.1	23	6.6	
2	-.1	1.0	.8	.0	.2	BF	6.1	.1	-.4	-.5	.4	-.6	-.7	-.8	-.8	-.7	-.7	-.7	-.8	2.3	5.2	-.3	-.6	-.6	23	6.1	
3	-.7	-.7	-.7	-.7	-.6	BF	-.5	-.5	-.6	-.6	-.4	-.4	-.4	-.4	-.5	-.6	-.6	-.5	-.5	-.4	5.1	2.0	-.4	-.4	23	5.1	
4	-.4	-.4	-.3	-.4	-.4	BF	10.3	9.8	.8	3.2	2.4	2.6	2.0	1.7	1.1	-.3	-.3	-.3	-.4	.7	4.0	8.2	.1	.7	23	10.3	
5	.5	-.1	-.3	-.3	-.4	BF	-.4	-.4	-.3	-.2	-.4	-.3	-.3	-.4	-.3	-.3	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	23	.5	
6	-.2	-.3	-.3	-.3	-.3	BF	-.2	-.2	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.4	-.4	-.4	23	-.1	
7	-.5	-.5	-.4	-.5	-.4	BF	-.5	-.5	3.4	1.2	9.8	-.1	-.5	-.4	-.5	-.6	-.5	-.6	-.5	-.4	-.5	-.5	-.5	-.6	23	9.8	
8	-.5	-.6	-.5	-.5	-.5	BF	-.6	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.3	-.5	23	-.3	
9	-.4	1.4	-.2	-.3	-.4	BF	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.1	-.1	-.1	-.1	23	1.4	
10	-.1	-.1	-.1	-.1	-.1	BF	.0	.1	.1	.1	.1	.1	.1	.0	.0	.3	1.6	.0	.0	.0	.0	-.1	.0	-.1	23	1.6	
11	.0	-.1	-.1	-.1	-.1	BF	-.1	-.1	-.1	-.1	-.1	.1	.0	-.2	-.2	-.2	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.3	23	.1	
12	1.6	.0	-.2	-.1	-.1	BF	-.1	-.2	3.0	.3	-.1	.8	.2	-.2	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.6	-.6	-.5	23	3.0	
13	-.5	-.5	-.5	-.5	-.4	BF	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.4	23	-.3	
14	-.4	-.4	-.4	-.3	-.3	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.3	23	-.3	
15	-.3	-.3	-.4	-.3	-.4	BF	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	23	-.2	
16	-.3	-.3	-.3	-.4	-.3	BF	-.3	-.2	-.3	-.3	-.3	-.2	-.1	-.1	-.2	-.1	-.2	-.1	-.2	-.2	-.3	-.2	-.2	-.2	23	-.1	
17	-.3	-.2	-.3	-.3	-.3	BF	-.1	.0	-.2	-.2	-.2	-.3	-.4	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.3	23	0.0	
18	-.3	-.3	-.3	-.3	-.3	BF	-.2	-.2	.0	.0	-.1	-.1	-.1	-.1	.1	.0	1.9	2.6	.0	.1	.1	5.4	.3	.1	23	5.4	
19	.0	.2	.7	.5	.4	BF	.1	.0	-.1	.0	.2	.3	.0	.2	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	23	.7	
20	.5	.2	-.1	-.3	-.4	BF	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	23	.5	
21	-.3	-.4	-.4	-.4	-.4	BF	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	23	-.3	
22	-.4	-.4	-.4	-.5	-.6	BF	-.5	-.5	-.2	1.3	.9	-.1	-.3	.1	-.3	-.4	.6	2.4	.1	.0	1.4	-.4	-.5	-.5	23	2.4	
23	-.6	-.6	-.6	-.7	-.7	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.7	23	-.6	
24	-.8	-.6	-.7	-.7	-.7	BF	-.5	-.3	-.4	-.5	-.5	-.5	-.5	-.6	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.6	23	-.3	
25	-.5	-.5	-.5	-.5	-.5	BF	-.5	-.4	-.1	1.4	-.1	-.1	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.1	.1	31.5	23	31.5
26	13.1	27.8	10.6	9.1	3.0	BF	.4	.4	.1	-.2	-.4	-.4	-.5	-.4	-.1	-.4	-.5	-.6	-.7	-.6	-.5	-.3	9.9	20.8	23	27.8	
27	14.0	19.6	7.1	.5	.0	BF	-.1	-.2	-.3	-.4	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.6	-.6	-.6	-.6	-.3	-.3	-.5	23	19.6	
28	-.5	-.6	-.6	-.5	-.6	BF	3.6	1.1	2.5	.3	-.4	-.3	-.5	-.5	-.2	-.5	-.6	-.6	-.7	-.6	-.7	.8	.9	-.5	23	3.6	
29	.3	.3	-.6	-.7	-.7	BF	-.6	-.8	-.8	-.7	-.8	-.7	-.8	-.8	-.8	-.7	-.7	-.7	-.8	-.7	-.8	-.7	-.8	-.7	23	.3	
30	-.7	-.7	-.8	-.7	-.7	BF	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.7	-.6	23	-.6	
31																										0	
NO.:	30	30	30	30	30		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	14.0	27.8	10.6	9.1	3.0		10.3	9.8	3.4	3.2	9.8	2.6	3.4	2.2	4.8	1.2	1.9	2.6	.1	2.3	5.2	8.2	9.9	31.5			
AVG:	.68	1.38	.30	.21	-.17		.40	.10	.08	.02	.17	-.10	-.13	-.19	-.11	-.31	-.22	-.22	-.39	-.25	.19	.23	.06	1.43			

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .14 MONTHLY MAX: 31.5

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4280000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	-.6	-.7	-.7	-.7	-.7	BF	-.6	-.6	-.6	-.6	-.7	-.6	.0	1.3	.7	-.2	-.5	-.6	-.6	-.4	1.9	-.4	-.5	-.6	23	1.9	
2	-.7	-.6	-.7	-.5	4.1	BF	1.0	.0	-.4	-.5	-.7	-.7	-.6	-.7	-.6	.0	-.4	-.3	1.0	-.2	11.4	2.2	.1	.7	23	11.4	
3	-.4	.2	1.7	1.7	.1	BF	-.1	-.5	1.0	1.0	-.2	-.4	3.0	2.0	-.4	-.6	-.6	-.6	-.7	-.7	2.7	-.1	1.8	.4	23	3.0	
4	6.4	3.6	1.8	1.8	-.2	BF	-.4	-.4	-.6	-.5	-.7	-.8	-.7	-.7	-.8	-.7	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.7	23	6.4	
5	-.7	-.8	-.8	-.7	-.7	BF	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.8	-.7	-.7	-.7	-.7	-.7	-.6	-.7	23	-.6	
6	-.7	-.7	-.7	-.4	.0	BF	-.4	-.5	-.6	-.5	-.7	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.7	-.6	23	0.0	
7	-.7	-.7	-.7	-.7	-.8	BF	.2	4.0	-.2	-.3	-.4	-.4	-.4	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.4	-.5	-.6	-.5	.7	23	4.0
8	4.9	3.7	-.1	-.2	-.3	BF	-.3	-.4	-.5	-.4	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.6	-.6	-.6	-.6	23	4.9	
9	-.7	-.7	-.7	-.7	-.7	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.4	-.3	-.4	.9	3.4	23	3.4
10	.6	3.6	.3	-.1	.5	BF	.1	-.2	-.3	-.4	-.5	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.6	-.7	-.7	-.7	-.6	-.6	23	3.6	
11	-.5	-.6	1.5	-.3	-.4	BF	-.2	-.4	-.2	-.2	-.4	-.5	-.5	-.5	-.5	-.1	-.5	-.6	-.6	-.7	-.3	-.4	.5	-.3	23	1.5	
12	-.4	-.5	-.6	-.6	-.6	BF	-.7	-.7	-.8	-.7	-.8	-.7	-.7	-.8	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.7	-.8	-.7	23	-.4	
13	-.7	-.2	.4	-.1	-.4	BF	.8	9.9	4.4	.2	1.3	.4	1.1	-.5	-.6	-.6	-.6	-.1	-.2	-.6	-.7	-.8	-.8	-.8	23	9.9	
14	-.8	-.7	-.8	-.8	-.7	BF	-.7	-.8	-.7	-.7	-.5	-.6	-.7	.6	-.7	.1	-.5	-.6	-.6	-.7	-.5	5.9	.0	-.6	23	5.9	
15	-.8	-.8	-.7	-.8	-.7	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.6	-.5	-.5	-.6	-.6	-.6	-.5	-.6	-.5	23	-.5	
16	-.5	-.6	-.5	-.5	-.5	BF	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.3	-.5	-.2	.0	-.4	-.4	-.4	-.6	-.5	-.5	-.5	23	0.0	
17	-.6	-.6	-.6	-.6	-.6	BF	-.4	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.7	-.7	-.7	-.6	-.7	23	-.4	
18	-.8	-.7	-.8	-.7	-.7	BF	-.7	-.7	-.8	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.8	-.8	-.7	-.7	-.7	-.7	-.7	-.7	23	-.7	
19	-.6	-.7	-.7	-.6	-.7	BF	-.2	-.6	BA	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.6	-.7	-.7	22	-.2	
20	-.7	-.7	-.6	-.7	-.6	BF	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	23	-.6	
21	-.7	-.8	-.7	-.7	-.7	BF	-.6	-.7	-.5	-.7	-.7	-.7	-.9	-.7	-.7	-.7	-.7	-.8	-.7	-.8	-.8	-.8	-.8	-.8	23	-.5	
22	-.7	-.8	-.8	-.7	-.7	BF	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.6	-.8	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	23	-.6	
23	-.7	-.8	-.7	-.7	-.7	BF	-.7	-.6	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.8	-.8	-.7	-.8	-.8	-.7	-.7	-.7	-.7	23	-.6	
24	-.7	-.7	-.8	-.6	-.6	BF	-.6	-.6	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	7	-.6	
25	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	1.6	.7	1.1	.7	.3	.3	.3	.3	.3	.3	.3	.3	.4	1.9	13	1.9
26	2.4	.4	.4	3.3	1.7	BF	1.4	1.3	.7	.5	.5	.7	1.3	.6	.2	.3	.2	.2	.1	.1	.1	.2	.1	.1	23	3.3	
27	.1	.2	.6	1.0	.4	BF	1.7	.8	.4	.2	.2	.2	.1	.1	.1	.1	.1	.0	.1	.0	.1	.1	.1	.1	23	1.7	
28	.1	.0	.0	.0	.0	BF	.3	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3	
29	.0	.0	.0	.0	-.1	BF	.3	.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	-.1	-.1	.0	.0	23	.3	
30	-.1	-.1	-.1	.0	.0	BF	.3	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.3	
31	-.2	-.1	-.1	-.1	-.1	BF	.4	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.4	
NO.:	30	30	30	30	30		30	30	28	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	6.4	3.7	1.8	3.3	4.1		1.7	9.9	4.4	1.0	1.3	1.6	3.0	2.0	.7	.3	.3	.3	1.0	.3	11.4	5.9	1.8	3.4			
AVG:	.02	-.06	-.21	-.16	-.18		-.13	.14	-.16	-.33	-.39	-.35	-.21	-.23	-.41	-.39	-.45	-.46	-.41	-.47	.12	-.14	-.27	-.18			

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: -.23 MONTHLY MAX: 11.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.0	-.1	-.1	-.1	-.1	BF	.2	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.2	
2	-.1	-.1	-.2	-.1	-.1	BF	.2	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.2	
3	-.1	-.1	-.1	-.1	-.1	BF	.2	.0	.7	6.4	8.3	1.1	.1	.0	-.1	-.1	-.1	.7	.4	.0	-.1	-.1	.0	23	8.3		
4	.1	.0	-.1	-.1	-.1	BF	.2	.0	.0	.0	.0	.0	.0	.1	.2	-.1	-.1	-.1	-.2	.2	1.8	.0	-.1	2.1	23	2.1	
5	1.7	.2	.6	-.1	.0	BF	.9	.7	.1	.0	.0	.0	.0	.4	-.1	-.1	-.1	-.1	-.1	.2	.0	.3	.0	-.1	23	1.7	
6	-.1	2.0	.1	.0	-.1	BF	.2	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.0	.1	-.1	-.2	1.3	.7	2.9	2.7	23	2.9	
7	.1	-.1	-.1	.7	.2	BF	.3	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	.0	-.1	-.1	23	.7	
8	-.2	-.2	-.2	-.2	-.2	BF	.1	-.1	.0	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.2	-.2	-.3	-.2	-.3	23	.1	
9	-.3	-.3	-.2	-.2	-.3	BF	.0	-.1	-.1	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.0	-.1	23	0.0
10	-.1	-.1	-.1	-.1	-.2	BF	.1	.0	.0	.0	.0	-.1	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	23	.1	
11	-.1	.2	.7	.5	.5	BF	2.0	3.6	1.6	.1	.0	.0	-.1	-.1	-.1	.0	-.2	-.2	-.2	.4	.7	5.9	.2	.0	23	5.9	
12	-.1	-.1	-.2	-.2	-.2	BF	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	0.0	
13	-.2	-.1	-.2	.3	.5	BF	.6	.7	.5	.0	.0	.0	.1	.1	-.1	-.2	-.1	-.2	-.2	-.2	1.0	9.4	12.4	23	12.4		
14	6.5	5.9	.8	.1	.0	BF	.1	.3	.2	.0	.0	.1	.1	.0	.1	.2	.0	-.1	.0	.0	-.1	-.2	-.2	-.2	23	6.5	
15	-.2	-.1	-.2	-.2	-.3	BF	-.1	-.2	-.3	-.2	.0	-.1	-.2	-.1	-.3	-.3	-.2	-.3	-.1	-.3	.2	1.6	2.6	2.2	23	2.6	
16	1.4	.9	.0	-.2	.5	BF	.0	-.2	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	23	1.4	
17	-.4	-.3	-.4	-.4	-.5	BF	-.1	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.1	
18	-.4	-.4	-.4	-.4	-.4	BF	-.1	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	23	-.1	
19	-.4	-.4	-.4	-.4	-.4	BF	-.2	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.2	
20	-.4	-.4	-.4	-.4	-.4	BF	-.2	-.3	-.2	-.2	-.3	-.4	-.3	-.4	-.4	-.3	-.1	-.4	-.4	6.1	7.9	21.0	2.0	.1	23	21.0	
21	.0	-.2	-.2	-.2	-.2	BF	-.1	-.2	-.3	-.2	-.2	.0	.7	.2	.1	1.3	.3	-.2	-.2	-.2	-.1	.0	5.8	12.1	23	12.1	
22	12.2	14.2	5.0	7.2	1.0	BF	.0	-.2	-.2	BF	BF	BC	BC	.4	.1	.0	.0	.0	.0	.0	.0	.0	.3	.3	19	14.2	
23	1.4	2.6	4.7	6.3	.5	BF	2.0	1.3	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.2	-.1	23	6.3	
24	-.2	-.2	-.2	3.1	9.2	BF	6.7	1.7	.4	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	23	9.2	
25	-.2	-.2	-.2	-.1	-.1	BF	.0	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.3	23	0.0	
26	-.3	-.3	-.3	-.3	-.3	BF	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.3	23	0.0
27	-.2	-.2	-.2	-.2	-.3	BF	-.1	-.3	-.3	-.2	-.2	1.0	.6	.6	.8	.9	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.3	23	1.0	
28	-.1	.0	-.2	-.3	-.3	BF	1.9	3.6	BF	BF	BC	BC	BC	.6	.3	.0	.0	.0	.0	.0	.0	-.1	1.8	.6	18	3.6	
29	.1	.0	.0	.0	.0	BF	.1	.0	.0	.0	.0	.0	1.3	13.8	7.3	1.5	.1	1.7	.6	.1	.0	.0	3.2	.3	23	13.8	
30	.1	.0	.0	.0	.0	BF	.2	.0	.1	.4	.2	.2	.2	.2	1.0	2.9	.1	.0	.0	.0	.0	.1	.0	.3	23	2.9	
31																											0
NO.:	30	30	30	30	30		30	30	29	28	28	28	28	30	30	30	30	30	30	30	30	30	30	30			
MAX:	12.2	14.2	5.0	7.2	9.2		6.7	3.6	1.6	6.4	8.3	1.1	1.3	13.8	7.3	2.9	.3	1.7	.6	6.1	7.9	21.0	9.4	12.4			
AVG:	.65	.74	.24	.46	.26		.50	.29	.01	.15	.19	-.03	-.01	.42	.22	.10	-.11	-.07	-.13	.08	.26	.88	.80	.96			

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: .30 MONTHLY MAX: 21.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4280000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	1.8	2.8	.7	.6	7.6	BF	1.9	1.6	.5	.4	.1	.0	.1	.0	.0	.7	.1	.0	.0	.0	.0	.8	2.8	.4	23	7.6	
2	.0	.0	.0	.0	.0	BF	.1	.0	.0	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
3	.0	.0	.0	.0	.1	BF	.5	.2	.1	1.3	.2	.0	.0	.0	-1.1	.0	-1.1	.0	.0	.0	.0	.0	-1.1	.0	23	1.3	
4	.0	.0	.0	.0	-1.1	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.2	.9	23	1.2	
5	.1	1.0	4.6	3.1	.7	BF	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.3	1.1	3.6	.4	23	4.6	
6	.0	.0	.0	.0	.0	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.1	-1.1	-1.1	.0	-1.1	-1.1	23	.1	
7	-1.1	-1.1	-1.1	-1.1	.0	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.8	.2	2.9	23	2.9	
8	5.3	.2	.0	.0	.0	BF	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.6	23	5.3	
9	.0	.4	.1	.0	.0	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	.0	23	.5	
10	.0	-1.1	.0	.0	.0	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.1	23	.2	
11	-1.1	-1.1	.0	-1.1	-1.1	BF	.2	.0	5.6	2.4	.4	.2	.2	.2	.2	.1	.0	.0	.0	.3	.0	.2	4.3	1.0	23	5.6	
12	.1	.0	.0	.0	.0	BF	.2	.0	.0	.0	.1	1.8	4.9	1.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	4.9	
13	.0	.0	.0	.0	.0	BF	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.1	-1.1	.6	.2	.0	23	.6	
14	.0	.0	.0	.0	.0	BF	.2	.1	.0	.6	.0	.1	.1	.0	.0	.0	.0	1.3	1.2	.2	4.8	5.7	8.7	1.3	23	8.7	
15	.6	1.2	1.8	.1	.0	BF	.2	.0	.1	.5	.1	.1	.1	.0	.0	-1.1	-1.1	-1.1	.0	-1.1	-1.1	-1.1	-1.1	.7	23	1.8	
16	7.5	2.2	.7	.0	.6	BF	.8	.4	1.4	.0	.0	.0	.1	.0	.0	-1.1	.2	.0	.1	.0	-1.1	.0	.7	1.1	23	7.5	
17	1.3	.0	.3	2.1	.4	BF	1.6	.5	5.9	1.0	.2	1.4	2.3	1.3	.3	.1	.0	-1.1	.0	-1.1	.9	.3	.0	-1.1	23	5.9	
18	-1.1	-1.1	-1.1	-1.1	.0	BF	.1	.0	.0	.0	.1	.2	.0	.2	.0	.0	-1.1	.0	-1.1	-1.1	-1.1	-1.1	-1.1	2.2	4.7	23	4.7
19	1.8	.0	-1.1	.0	.0	BF	.1	.0	-1.1	.0	.4	.0	.0	-1.1	.0	-1.1	6.2	.7	.0	-1.1	-1.1	-1.1	-1.1	-1.1	23	6.2	
20	-1.1	-1.1	-1.1	-1.1	-1.1	BF	.1	.0	.0	.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	23	.1	
21	-1.1	-1.1	-1.1	-1.1	-1.1	BF	.0	-1.1	-1.1	-1.1	-1.1	.0	.0	.0	.0	.0	.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	23	0.0	
22	-1.1	4.8	1.0	.8	.3	BF	.3	.1	.5	.1	.0	.0	.1	.0	.0	.0	.0	-1.1	-1.1	-1.1	-1.1	1.2	.0	3.4	23	4.8	
23	8.3	.2	.0	.0	.0	BF	2.8	3.7	.7	.5	1.0	.2	.0	.1	.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	.0	.0	.8	23	8.3	
24	.7	.0	-1.1	-1.1	-1.1	BF	.0	.0	-1.1	-1.1	-1.1	.1	.1	.1	.0	.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	23	.7	
25	2.9	5.3	5.6	8.4	.7	BF	.1	.0	.0	.0	.0	.0	-1.1	-1.1	.0	.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	.1	3.7	4.5	23	8.4
26	.2	-1.1	-1.1	-1.1	-1.1	BF	.0	-1.1	-1.1	BA	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	.1	9.2	2.2	.1	22	9.2
27	.0	.0	-1.1	-1.1	-1.1	BF	.0	.0	.0	-1.1	.0	-1.1	-1.1	-1.1	-1.1	.0	-1.1	-1.1	-1.1	-1.1	-1.1	.5	.1	.0	-1.1	23	.5
28	.8	-1.1	-1.1	-1.1	-1.1	BF	.0	.0	.0	-1.1	-1.1	.0	.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	1.5	1.3	2.5	1.2	23	2.5
29	.0	.0	-1.1	-1.1	-1.1	BF	.0	-1.1	.0	.0	-1.1	.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	23	0.0	
30	-1.1	-1.1	-1.1	-1.1	-1.1	BF	.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	.0	.1	-1.1	23	.1
31	-1.1	.1	-1.1	-1.1	-1.1	BF	3.4	1.7	.0	-1.1	-1.1	-1.1	-1.1	-1.1	.0	.7	-1.1	-1.1	.6	2.5	.6	.2	.0	-1.1	23	3.4	
NO.:	31	31	31	31	31		31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	8.3	5.3	5.6	8.4	7.6		3.4	3.7	5.9	2.4	1.0	1.8	4.9	1.7	.4	.7	6.2	1.3	1.2	2.5	4.8	9.2	8.7	4.7			
AVG:	.97	.55	.42	.43	.29		.45	.26	.46	.21	.06	.12	.24	.07	0.00	.01	.16	.01	0.00	.02	.22	.68	1.07	.76			

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .32 MONTHLY MAX: 9.2

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	-.3	-.3	-.3	-.3	.1	BF	2.5	.9	.0	.0	-.1	-.2	-.1	-.2	-.2	.7	-.2	-.3	-.3	-.3	4.9	.6	-.1	23	4.9		
2	-.2	-.3	-.2	-.3	-.2	BF	.0	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	0.0	
3	-.4	-.3	-.3	-.3	-.3	BF	.0	-.2	-.2	BL	BL	.0	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	21	0.0	
4	-.3	-.3	-.3	-.3	-.3	BF	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	23	0.0	
5	-.3	-.3	-.3	-.3	-.3	BF	.0	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	2.6	2.8	23	2.8	
6	3.5	7.0	1.7	.2	.0	BF	.1	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	.3	1.7	2.0	9.6	3.4	.2	-.1	23	9.6	
7	-.2	-.2	-.2	-.3	-.2	BF	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.4	.0	-.1	-.3	-.3	-.4	23	0.0	
8	-.3	-.4	-.4	-.3	.0	BF	.1	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.4	-.4	23	.1	
9	-.4	-.4	-.3	-.4	-.3	BF	.0	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.3	23	0.0	
10	-.4	-.4	-.4	-.4	-.3	BF	.0	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.2	1.6	3.8	-.1	-.3	-.3	-.4	-.4	-.4	23	3.8	
11	-.4	-.4	-.4	-.4	-.4	BF	-.1	-.3	-.3	-.2	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	-.1	
12	-.4	-.4	-.4	-.4	-.4	BF	-.1	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.2	23	-.1
13	.8	.7	-.1	-.2	-.3	BF	.0	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	.1	2.2	.1	23	2.2
14	.1	-.3	-.3	-.4	-.3	BF	.0	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.4	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.2	23	2.2	
15	.0	-.3	-.3	-.3	-.2	BF	.0	-.2	-.2	-.1	-.1	2.1	3.5	.8	.1	-.1	-.3	-.3	-.4	-.4	-.4	-.3	1.4	4.3	23	4.3	
16	2.3	2.5	.7	2.2	2.7	BF	.7	.0	-.2	-.2	-.3	.0	.0	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	1.8	23	2.7
17	-.2	-.3	-.4	-.4	-.3	BF	.0	-.3	-.2	-.1	-.2	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	.4	1.9	1.2	8.9	.6	23	8.9	
18	-.1	-.3	-.3	-.3	-.2	BF	.1	.0	-.1	.0	-.1	-.1	-.2	-.2	-.3	.3	1.5	.1	-.3	.2	-.4	-.4	-.4	-.4	23	1.5	
19	-.4	-.4	-.4	-.4	-.2	BF	-.1	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	1.3	-.2	-.3	-.3	2.4	.7	-.1	23	2.4	
20	-.3	-.3	-.4	-.4	-.4	BF	-.1	-.3	-.3	-.3	-.3	-.3	-.4	.4	-.1	-.2	-.3	-.5	-.3	-.3	-.4	-.4	.6	.0	23	.6	
21	-.2	-.3	-.2	2.3	.9	BF	.8	7.1	.7	.0	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.3	-.4	-.4	-.4	23	7.1	
22	-.4	-.4	-.3	-.4	-.4	BF	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.2	23	0.0	
23	-.3	-.3	-.4	-.4	-.4	BF	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	23	-.2	
24	-.4	-.4	-.4	-.4	-.4	BF	-.2	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.4	-.3	-.4	-.4	23	-.2	
25	-.4	-.4	-.4	-.4	-.4	BF	-.2	-.4	.8	1.0	-.1	-.1	-.1	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	23	1.0	
26	-.4	-.4	.4	3.2	.4	BF	.2	.0	-.1	-.1	.6	1.0	.0	-.3	-.4	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.2	1.2	23	3.2
27	.7	-.2	-.3	-.3	.0	BF	.0	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.2	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.5	23	.7	
28	-.5	-.5	-.4	-.5	-.4	BF	-.2	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.5	-.4	-.4	-.4	-.4	-.5	-.5	-.4	23	-.2	
29	-.5	-.5	-.4	-.4	-.5	BF	-.2	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.4	-.2	-.4	-.5	-.4	-.4	-.5	-.5	-.4	-.5	23	-.2	
30	-.4	-.5	-.4	-.5	-.5	BF	-.2	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.2	
31	-.5	-.5	-.5	-.5	-.5	BF	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	.1	-.2	-.2	-.3	.6	3.5	4.4	23	4.4	
NO.:	31	31	31	31	31		31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31			
MAX:	3.5	7.0	1.7	3.2	2.7		2.5	7.1	.8	1.0	.6	2.1	3.5	.8	.1	.3	1.6	3.8	1.7	2.0	9.6	4.9	8.9	4.4			
AVG:	-.04	.01	-.21	-.06	-.13		.09	.02	-.18	-.19	-.22	-.14	-.15	-.24	-.29	-.29	-.17	-.10	-.26	-.22	.03	.10	.42	.32			

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: -.08 MONTHLY MAX: 9.6

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4280000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	1.2	.0	-.2	-.4	-.4	BF	-.1	AY	AY	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	6	1.2
2	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
3	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
4	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
5	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
6	SA	SA	SA	SA	SA	SA	SA	SA	SA	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0	
7	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
8	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
9	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	0	
10	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	BE	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
11	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
12	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	BA	BA	BC	BC	BC	.0	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.4	9	0.0
13	-.5	-.5	-.5	-.5	-.5	BF	-.2	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.2	
14	-.4	-.4	-.5	-.5	-.5	BF	-.2	-.4	.3	.9	3.2	1.8	.0	-.2	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	23	3.2	
15	-.2	-.2	-.2	-.3	-.3	BF	.0	.1	.2	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	23	.2	
16	-.3	-.3	-.3	-.3	-.3	BF	-.1	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1	
17	-.3	-.2	-.3	-.2	-.3	BF	.0	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	0.0	
18	-.3	-.3	-.3	-.3	-.3	BF	-.1	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1	
19	-.3	-.3	-.3	-.3	-.3	BF	-.1	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1	
20	-.3	-.3	-.3	-.3	-.3	BF	-.1	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	23	-.1	
21	-.3	-.3	-.3	-.4	-.3	BF	-.1	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1	
22	-.3	-.3	-.3	-.3	-.3	BF	-.1	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1	
23	-.4	-.3	-.3	-.3	-.3	BF	.0	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.4	23	0.0	
24	-.3	-.3	-.3	-.3	-.4	BF	-.1	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1	
25	-.3	-.4	-.3	-.3	-.3	BF	-.2	-.4	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	23	-.2	
26	-.4	-.3	-.3	-.3	-.3	BF	-.2	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	23	-.2	
27	-.3	-.3	-.3	-.3	-.4	BF	-.2	-.4	-.4	-.3	-.3	-.3	-.1	.4	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.3	23	.4	
28	-.4	-.4	-.4	-.4	-.4	BF	-.2	-.4	1.0	4.8	3.9	.1	.1	.1	-.1	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.4	23	4.8	
29	-.4	-.3	-.4	-.4	-.4	BF	-.2	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	-.2	
30	-.4	-.4	-.4	-.5	-.4	BF	-.2	-.4	-.4	BA	BC	BC	BC	BC	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	18	.4	
31																									0		
NO.:	19	19	19	19	19		19	18	18	17	17	17	17	17	18	19	19	19	19	19	19	19	19	19	19		
MAX:	1.2	0.0	-.2	-.2	-.3		0.0	.1	1.0	4.8	3.9	1.8	.1	.4	.4	.1	.1	.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
AVG:	-.26	-.31	-.33	-.35	-.35		-.13	-.32	-.17	.11	.18	-.13	-.22	-.21	-.23	-.25	-.26	-.27	-.29	-.30	-.30	-.30	-.32	-.32			

MONTHLY OBSERVATIONS: 424 MONTHLY MEAN: -.23 MONTHLY MAX: 4.8

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.0	.0	.0	.0	.1	BF	.3	.7	1.1	.7	.5	.5	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	1.1
2	.1	.0	.1	.0	.0	BF	.2	.0	.0	.1	.0	.1	.1	.1	.3	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	23	.3
3	.0	.0	.1	.0	.0	BF	.2	.0	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	23	.2
4	.0	.0	.0	.0	.0	BF	.2	.0	.1	.1	.1	.0	.1	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	23	.2
5	.0	.0	.0	.0	.0	BF	.2	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.2
6	.0	.0	.0	.0	-.1	BF	.1	.0	BA	BA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	7	.1
7	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
8	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
9	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
10	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
11	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
12	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
13	SA	SA	SA	SA	SA	SA	SA	SA	BA	BC	BC	.4	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	13	.4
14	.0	.0	.0	-.1	.0	BF	.2	.0	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.2
15	.0	.0	.0	.0	.0	BF	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
16	.0	.0	.0	.0	.0	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
17	.6	.4	.3	.1	.0	BF	.2	.0	.0	.2	.3	.2	.1	.2	.1	.1	.1	.1	.1	.0	.0	.7	.7	.3	23	.7	
18	.2	.1	.0	.0	.1	BF	.1	.0	.0	.1	.2	.1	.1	.1	.4	.6	1.2	.1	.1	.2	.2	.1	1.8	3.4	23	3.4	
19	1.6	.6	.4	.8	.6	BF	.4	.2	.2	.4	BA	BA	.4	.6	.5	.1	.2	.2	.0	.1	.1	.1	.0	.1	21	1.6	
20	.8	1.3	.5	.3	.2	BF	.2	.0	.1	.9	.5	.2	.1	.0	.0	.5	2.4	.8	.0	.0	.0	.0	.0	.0	.0	23	2.4
21	-.1	-.1	-.1	-.1	-.1	BF	.1	-.1	-.1	-.1	8.0	1.8	.4	.1	.5	.1	.3	.2	.1	.0	-.1	-.1	-.1	-.1	23	8.0	
22	.0	.1	.1	.1	.0	BF	.1	.0	-.1	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	23	.1	
23	.1	.1	.1	.2	.2	BF	.2	.2	.3	.3	.3	.4	.3	.4	.5	.5	.5	.5	.4	.4	.4	.4	.3	.3	23	.5	
24	.4	.4	.3	.4	.5	BF	.5	.5	.5	.5	.6	.6	.7	.6	.7	.7	.7	.6	.5	.4	.4	.4	.3	.3	23	.7	
25	.4	.3	.4	.4	.4	BF	.4	.4	.4	.4	.5	.5	.6	.5	.5	.6	.7	.6	.4	.4	.4	.3	.4	.3	23	.7	
26	.3	.3	.3	.4	.3	BF	.4	.3	.3	.4	.5	.5	.6	.6	.6	.6	.5	.5	.5	.4	.4	.4	.4	.3	23	.6	
27	.3	.3	.3	.4	.4	BF	.4	.3	.4	.4	.4	.4	1.8	.9	.9	.5	.5	.4	.4	.5	.5	.5	.8	3.9	23	3.9	
28	2.1	.9	.7	.6	.7	BF	.6	.5	.5	.6	.6	.6	.5	.5	.5	.4	.5	.5	.4	.4	.4	.4	.4	.4	23	2.1	
29	.3	.3	.3	.3	.4	BF	.4	.3	.3	.4	.5	.5	.6	.5	.6	.5	.5	.4	.4	.8	8.0	8.0	2.6	1.2	23	8.0	
30	.9	.9	.8	.6	.6	BF	.6	.5	.5	.5	.6	.7	.6	.6	.6	.5	.5	.6	2.6	5.4	1.0	.7	.5	.5	23	5.4	
31	.5	.5	.4	.4	.3	BF	.5	.4	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	23	.5	
NO.:	24	24	24	24	24		24	24	23	23	22	23	24	24	24	24	24	24	24	24	24	24	24	24	24		
MAX:	2.1	1.3	.8	.8	.7		.6	.7	1.1	.9	8.0	1.8	1.8	.9	.9	.7	2.4	.8	2.6	5.4	8.0	8.0	2.6	3.9			
AVG:	.35	.27	.21	.20	.19		.28	.18	.22	.30	.65	.37	.35	.29	.32	.29	.41	.27	.28	.39	.51	.51	.36	.48			

MONTHLY OBSERVATIONS: 547 MONTHLY MEAN: .33 MONTHLY MAX: 8.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	.3	.3	.2	.3	.3	BF	.4	.2	.3	.3	.3	.4	.4	.4	.4	.4	.4	.3	.3	.4	.4	.3	.3	.3	23	.4	
2	.3	.2	.3	.3	.3	BF	.3	.3	.2	.3	.4	.4	.4	.5	1.5	18.7	.9	.4	.4	.4	.4	.4	.6	.4	23	18.7	
3	.4	.4	.4	.3	.4	BF	.3	.3	.3	.4	.5	.5	.5	.4	.5	.5	.6	.5	1.3	6.1	3.1	.9	.6	.5	23	6.1	
4	.4	.4	.4	.5	.4	BF	.3	.2	.2	.3	.4	.4	.4	.4	.4	.4	.3	.4	.4	.3	.3	.3	.3	.3	23	.5	
5	.3	.4	.3	.3	.3	BF	.3	.3	.4	.5	.4	.5	.4	.5	.5	.6	.6	.5	.4	.3	.3	.3	.3	.2	23	.6	
6	.3	.2	.3	.2	.2	BF	.3	.2	.3	.5	.9	1.0	.7	.7	.7	.6	.5	.5	.4	.3	.3	.3	.4	.3	23	1.0	
7	.2	.3	.3	.3	.3	BF	.3	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	23	.4	
8	.2	.3	.1	.1	.2	BF	.2	.1	.1	.2	.4	.4	.4	.4	.4	.4	.3	.4	.3	.2	.4	.4	.4	.4	23	.4	
9	.3	.3	.4	.3	.4	BF	.4	.4	.4	.4	.6	.5	.5	.5	.5	.6	.5	.4	.3	.3	.2	.3	.2	.3	23	.6	
10	.2	.3	.2	.2	.2	BF	.3	.2	.3	.5	.4	.4	.4	.4	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	23	.5	
11	.3	.3	.3	.3	.4	BF	.3	.3	.4	.5	.5	.5	.6	.6	.6	.7	.7	.5	.4	.3	.3	.3	.2	.2	23	.7	
12	.3	.3	.3	.3	.3	BF	.3	.2	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.3	.3	.2	.3	.2	.2	23	.4	
13	.2	.2	.2	.2	.1	BF	.2	.2	.2	.4	.5	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.2	.2	.2	23	.5	
14	.2	.2	.2	.2	.2	BF	.2	.1	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.1	23	.2	
15	.1	.2	.2	.2	.1	BF	.1	.1	.2	.2	.2	.2	.1	.2	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1	23	.3	
16	.1	.1	.1	.1	.1	BF	.2	.3	.2	.4	.5	.4	.5	.5	.5	.5	.5	.4	.3	.2	.2	.3	.2	.2	23	.5	
17	.1	.2	.2	.2	.1	BF	.2	.1	.2	.3	.4	.4	.4	.4	.5	.4	.4	.3	.3	.2	.2	.2	.1	.2	23	.5	
18	.2	.1	.1	.1	.2	BF	.2	.1	.1	.2	.4	.6	.5	.6	.6	.6	.5	.5	.3	.3	.3	1.4	.9	.5	23	1.4	
19	.5	.4	.4	.4	.4	BF	.3	.3	.4	.7	1.5	.8	2.8	2.6	.9	.5	2.8	2.4	.7	.2	.2	.2	.1	.2	23	2.8	
20	.2	.2	.2	.2	.2	BF	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3	
21	.2	.2	.2	.2	.2	BF	.4	.4	.4	.4	.4	.4	.4	.3	.4	.3	.3	.3	.4	.4	.3	.3	.3	.4	23	.4	
22	.5	.4	.4	.4	.4	BF	.3	.2	.3	.4	.4	.4	.3	.3	.4	.4	.3	.3	.3	.2	.2	.1	.1	.1	23	.5	
23	.2	.1	.1	.1	.1	BF	.1	.1	.1	.2	.4	.4	.3	.3	.3	.3	.4	.4	.3	.3	.2	.2	.1	.2	23	.4	
24	.1	.1	.1	.1	.1	BF	.2	.1	.2	.2	.2	.2	.3	.9	1.4	.9	.5	.2	.2	.2	.1	.1	.1	.1	23	1.4	
25	.1	.1	.1	.1	.1	BF	.1	.2	.1	.1	.1	.2	.3	.4	.4	.4	.3	.2	.3	.3	.3	.3	.3	.3	23	.4	
26	3.8	2.7	3.5	.9	.5	BF	.4	.2	.2	.2	.4	.5	.4	.3	.3	.3	.3	.2	.2	.1	.2	.2	.2	.1	23	3.8	
27	.2	.2	.1	.1	.1	BF	.1	.1	.1	.2	.3	.5	.4	.2	.2	.2	.3	.3	.1	.1	.2	.1	.1	.1	23	.5	
28	.1	.1	.0	.1	.1	BF	.1	.0	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	.2	
29	.1	.1	.1	.1	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.2	.1	.2	.1	.1	.2	.3	23	.3	
30	.3	.2	.2	.1	.1	BF	.1	.0	1.4	3.1	1.1	.5	.4	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	1.3	23	3.1	
31																										0	
NO.:	30	30	30	30	30		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	3.8	2.7	3.5	.9	.5		.4	.4	1.4	3.1	1.5	1.0	2.8	2.6	1.5	18.7	2.8	2.4	1.3	6.1	3.1	1.4	.9	1.3			
AVG:	.36	.32	.33	.24	.23		.24	.19	.27	.41	.43	.41	.45	.46	.47	1.02	.46	.39	.32	.44	.33	.29	.25	.28			

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .37 MONTHLY MAX: 18.7

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-013-0151 POC: 1
 COUNTY: (013) Beaufort
 CITY: (03840) Bath
 SITE ADDRESS: 229 NC Hwy 306N
 SITE COMMENTS: PRIVATE INDUSTRY SITE NORTH SIDE-TEXAS GULF
 MONITOR COMMENTS: 20

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.428000009
 LONGITUDE: -76.74
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 0
 PROBE HEIGHT: 184

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	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	10.2	3.2	.9	.7	BF	.4	.3	.2	.2	.2	.2	.2	.2	.3	.2	.3	.2	.2	.2	.2	.1	.0	.1	23	10.2	
2	.1	.1	.1	.1	.1	BF	.1	.0	.2	.3	.3	.2	.2	.2	.2	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	23	.3
3	.2	.1	.1	.0	.1	BF	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.2	.1	.1	.2	.1	.1	.1	.1	.1	23	.2
4	.1	.1	.1	.1	.1	BF	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	23	.2
5	.0	.1	.1	.0	.0	BF	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.1
6	.1	.1	.1	.1	.1	BF	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	-.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	23	.1
7	-.1	-.1	-.1	-.1	.0	BF	.0	-.1	-.1	.0	.0	.1	.1	.1	.2	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	23	.2
8	.0	.0	.0	.0	.0	BF	.1	.0	.0	.1	.2	.2	.2	.2	.3	.2	.2	.2	.3	.2	.2	.2	.2	.2	.3	23	.3
9	.2	.3	.3	.3	.3	BF	.3	.1	.2	.3	.4	.3	.2	.1	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.4
10	.1	.1	.1	.1	.1	BF	.0	.0	.7	1.0	.8	.6	.4	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.0	.0	23	1.0
11	.0	.1	.1	.1	.0	BF	.1	.0	.0	.1	.2	.2	.2	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	23	.2
12	.1	.1	.0	.5	1.1	BF	.3	.3	.1	.1	.1	1.1	.3	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	1.1
13	.0	.0	.0	.0	-.1	BF	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
14	.0	.0	.0	.0	.0	BF	.0	-.1	-.1	.0	.2	.2	.3	.3	.2	.2	.1	.1	.0	.1	.1	.1	.1	.0	-.1	23	.3
15	-.1	-.1	-.1	-.1	-.1	BF	-.1	-.1	-.1	.1	.2	.1	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	23	.3
16	.2	.4	.7	.2	.1	BF	.0	.0	.1	.0	.1	.1	.1	.1	.2	.1	.0	.1	.1	.0	.1	.0	.1	.0	.0	23	.7
17	.0	.0	.0	-.1	-.1	BF	.0	-.1	.2	.1	.4	.8	2.5	5.8	.7	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	23	5.8
18	.0	.0	.0	-.1	.0	BF	.0	-.1	-.1	.5	1.3	.8	.6	.3	.3	.4	.3	2.9	2.5	.5	.4	.2	.1	.0	.0	23	2.9
19	.0	.1	.2	.1	.0	BF	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	23	.2
20	.0	-.1	.0	.0	-.1	BF	.0	-.1	.0	.0	.0	.0	.0	.0	.2	.1	.2	.1	.1	.0	.1	.0	.0	.0	.0	23	.2
21	.0	.0	.0	.0	.0	BF	.0	-.1	.0	.3	.6	.7	.6	.5	.6	.5	.3	.3	.1	.0	.0	.0	.0	.0	.0	23	.7
22	.0	.0	.0	.0	.5	BF	1.6	.4	.2	.2	.3	.3	.4	.4	.3	.3	.3	.4	.3	.2	.2	.2	.2	.4	.2	23	1.6
23	.3	.2	.1	.0	.0	BF	.0	.0	.0	.1	.2	.2	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.3
24	.0	.0	.0	.0	.0	BF	.0	-.1	.0	.0	.3	.2	.0	.0	1.6	3.1	.4	.1	.1	.1	.0	.0	.0	.0	.0	23	3.1
25	.0	.0	.0	-.1	-.1	BF	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.0	.0	-.1	23	.1	
26	.0	.0	-.1	.0	-.1	BF	.0	-.1	-.1	.0	-.1	.0	.0	.0	.0	.2	.0	.0	.0	-.1	.0	.0	-.1	.0	.0	23	.2
27	-.1	-.1	.0	.8	4.0	BF	1.9	2.4	1.0	.6	.4	.3	.2	.1	.0	.1	.0	.0	.0	.0	.8	.3	.1	.1	.1	23	4.0
28	.0	.1	.0	.0	.0	BF	.0	-.1	.0	.1	.2	.3	.2	.2	.1	.2	.2	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.3
29	-.1	-.1	-.1	-.1	-.1	BF	-.1	-.1	-.1	-.1	.3	.6	.4	.2	.1	.1	.1	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.6
30	.0	.0	-.1	.0	-.1	BF	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.2	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
31	-.1	-.1	-.1	-.1	-.1	BF	-.2	6.1	.7	.4	.2	.1	.1	.2	.4	.7	.4	.2	.2	.9	3.0	1.7	9.5	1.4	23	9.5	
NO.:	31	31	31	31	31		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.7	10.2	3.2	.9	4.0		1.9	6.1	1.0	1.0	1.3	1.1	2.5	5.8	1.6	3.1	.4	2.9	2.5	.9	3.0	1.7	9.5	1.4			
AVG:	.05	.37	.15	.08	.20		.15	.27	.10	.15	.23	.25	.26	.33	.22	.28	.15	.20	.17	.11	.19	.11	.35	.08			

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .19 MONTHLY MAX: 10.2

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-019-0005 POC: 1
 COUNTY: (019) Brunswick
 CITY: (63400) Southport
 SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 33.942222
 LONGITUDE: -78.019167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3.6
 PROBE HEIGHT: 4.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: INDUSTRIAL
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .2

DAY	0000	0100	0200	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	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	BC	BC	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	9	.2
19	BF	.2	.0	.0	.0	.1	.1	.1	.0	.1	.1	.2	.2	.2	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	23	.3	
20	BF	.1	.0	.0	.0	.0	.0	.0	.0	4.4	10.2	30.5	43.1	20.9	31.1	56.9	11.8	1.0	.3	.1	.0	.0	.0	.0	.0	23	56.9	
21	BF	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.3	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	22	.3	
22	BF	.1	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	23	.1	
23	BF	.2	.1	.1	.1	.2	.2	.2	.3	.4	.4	.5	.4	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	.5	
24	BF	.2	.1	.1	.1	.1	.1	.3	.9	BA	.8	.7	.6	.7	.6	.7	.5	.2	.1	.0	.1	.0	.1	.0	.1	22	.9	
25	BF	.2	.1	.2	.2	.3	.2	.2	.2	.2	.7	20.8	32.6	57.6	54.7	42.6	3.6	.4	.2	.1	.1	.1	.1	.1	.2	23	57.6	
26	BF	.2	.2	.1	.1	.1	.1	.2	.2	3.3	55.2	23.9	16.1	13.2	36.2	25.9	13.9	4.7	2.4	.5	1.9	.8	.4	.2	23	55.2		
27	BF	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	23	.2	
28	BF	.2	.1	.0	.0	.1	.1	.1	.1	.2	.3	.3	.3	.3	.3	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	23	.3	
29	BF	6.1	1.7	.4	.2	.1	.0	.1	.4	.8	5.1	.2	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	23	6.1	
30	BF	.2	.1	.0	.0	.1	.0	.1	.1	.2	.3	.3	.2	.3	.3	.4	.3	.1	.1	.1	.1	.1	.1	.0	.0	23	.4	
31	BF	.2	.1	.1	.2	.2	.1	.1	.3	.4	.7	16.0	58.8	P88.9	P112.	P101.	62.6	73.3	60.4	P109.	P137.	P86.0	39.9	33.2	23	137.4		
NO.:		13	13	13	13	13	13	13	13	12	13	13	13	13	12	14	14	14	14	14	14	14	14	14	14			
MAX:		6.1	1.7	.4	.2	.3	.2	.3	.9	4.4	55.2	30.5	58.8	88.9	112.5	101.6	62.6	73.3	60.4	109.8	137.4	86.0	39.9	33.2				
AVG:		.64	.20	.09	.08	.11	.08	.12	.22	.87	5.71	7.23	11.75	14.08	19.71	16.39	6.71	5.76	4.58	7.92	9.99	6.24	2.91	2.41				

6 Values marked with 'P' exceed the PRIMARY STANDARD of: 75.5

MONTHLY OBSERVATIONS: 306 MONTHLY MEAN: 5.40 MONTHLY MAX: 137.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-019-0005 POC: 1
 COUNTY: (019) Brunswick
 CITY: (63400) Southport
 SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 33.942222
 LONGITUDE: -78.019167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3.6
 PROBE HEIGHT: 4.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: INDUSTRIAL
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	25.2	11.8	.8	.2	.2	.1	.2	.2	18.9	19.6	44.4	48.7	14.3	18.7	.8	.3	.2	.1	.1	.0	.0	.0	.0	23	48.7
2	BF	.1	.0	.0	.0	.1	.0	.1	.3	11.5	20.3	17.3	.6	.3	1.4	.8	.3	.2	.1	.1	.1	.0	.1	.1	23	20.3
3	BF	.2	.1	.0	.0	.1	.1	.1	.2	.2	.6	.4	.3	.3	.2	.2	.2	.1	.1	.1	.0	.1	.1	.1	23	.6
4	BF	.4	.4	.3	.4	.3	.2	.2	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.4
5	BF	.3	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.7	19.3	6.0	2.2	.3	.2	.2	.2	.1	.1	.1	.1	23	19.3
6	BF	.3	.2	.2	.1	.2	.1	.1	.3	.5	.5	.6	.7	.5	.4	.5	.4	.2	.1	.2	.1	.1	.1	.1	23	.7
7	BF	.3	.2	.2	.3	.7	.5	.4	.3	.3	.3	.7	AT	9.9	.4	.3	.3	.3	.2	.2	.2	.2	.2	.3	22	9.9
8	BF	.3	.2	.2	.2	.2	.2	.3	.3	.3	.4	.5	.4	.4	.5	.6	.5	.3	.3	.3	.3	.3	.3	.3	23	.6
9	BF	.3	.3	.2	.2	.2	.2	.3	.4	.7	.6	AT	.5	.4	.4	.4	.3	.3	.3	.3	.3	.2	.3	.2	22	.7
10	BF	.3	.2	.2	.2	.2	.2	.3	.3	.3	.3	.4	.4	.4	.5	.8	.7	.3	.3	.4	.3	.3	.3	.3	23	.8
11	BF	.3	.2	.2	.2	.2	.2	.4	.7	.9	1.0	.7	.7	.7	.6	.5	.3	.3	.3	.3	.2	.4	.5	.5	23	1.0
12	BF	.9	.6	.6	.5	.4	.4	.4	.4	.3	.4	.3	.4	.9	.8	.4	.4	.4	.4	.4	.4	.5	.5	.5	23	.9
13	BF	.5	.4	.3	.3	.4	.4	.4	.5	.7	.8	.5	.4	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	23	.8
14	BF	3.7	1.6	6.1	13.6	.6	.3	.3	.3	.3	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	23	13.6
15	BF	.2	.2	.1	.2	.1	.2	.2	.2	.2	.2	BA	2.1	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	.1	22	2.1
16	BF	.2	.2	.1	.1	.1	.1	.1	.2	.3	.6	.8	.7	.5	.9	.6	.3	.2	.2	.1	.1	.2	.2	.1	23	.9
17	BF	.2	.1	.2	.2	.2	.1	.1	.2	.4	.5	.7	6.9	22.9	11.0	.8	.4	.2	.3	.3	.2	.2	.3	.2	23	22.9
18	BF	.2	.2	.2	.1	.2	.2	.2	.2	.3	.6	.6	.7	.9	.7	.5	.4	.2	.2	.2	.2	.2	.2	.2	23	.9
19	BF	.2	.2	.2	.2	.1	.1	.2	.2	.8	1.3	1.4	.9	.8	.6	.6	.4	.3	.3	.2	.2	.2	.1	.1	23	1.4
20	BF	.3	.2	.3	.3	.3	.3	.3	.4	.4	.3	.3	.4	.4	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	23	.4
21	BF	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.5	.5	.5	.5	.5	.5	.4	.4	.3	.4	.4	.4	.3	23	.5
22	BF	.4	.3	.4	.4	.4	.3	.4	.6	.6	.5	.6	.7	1.5	1.6	1.1	.7	.5	.4	.4	.4	.4	.4	.4	23	1.6
23	BF	.4	.4	.3	.4	.4	.4	.4	.6	6.3	47.6	36.2	3.1	17.4	5.1	2.3	.6	.4	.4	.3	.3	.3	.3	.3	23	47.6
24	BF	.3	.3	.3	.3	.3	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
25	BF	.3	.2	.2	.1	.2	.2	.2	.2	.5	.9	1.0	1.1	.9	.8	.8	.7	.3	.2	.2	.2	.2	.1	.2	23	1.1
26	BF	.2	.2	.2	.2	.2	.1	.1	.1	.1	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	23	.3
27	BF	.3	.3	.3	.2	.2	.2	.2	.3	.4	2.7	2.1	15.0	23.3	14.9	7.5	.7	.3	.3	.3	.3	.3	.3	.3	23	23.3
28	BF	.4	.3	.3	.3	.3	.3	.4	.4	12.0	19.2	1.1	.8	.7	5.3	6.4	1.3	.8	.5	.4	.3	.3	.3	.3	23	19.2
29	BF	.3	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	23	.3
30	BF	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
31																									0	
NO.:		30	30	30	30	30	30	30	30	30	29	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:		25.2	11.8	6.1	13.6	.7	.5	.4	.7	18.9	47.6	44.4	48.7	23.3	18.7	7.5	1.3	.8	.5	.4	.4	.5	.5	.5		
AVG:		1.25	.68	.45	.67	.26	.22	.25	.31	1.95	4.15	3.89	3.02	3.96	2.45	1.03	.40	.27	.24	.23	.21	.21	.22	.21		

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: 1.14 MONTHLY MAX: 48.7

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-019-0005 POC: 1
 COUNTY: (019) Brunswick
 CITY: (63400) Southport
 SITE ADDRESS: 5538 Rod Grandy Blvd SE, Southport NC 28461
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 33.942222
 LONGITUDE: -78.019167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 3.6
 PROBE HEIGHT: 4.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: INDUSTRIAL
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.1	.2	.2	23	.3	
2	BF	.2	.2	.2	.2	.3	.3	.3	.4	.4	.4	.5	.3	.4	.4	.3	.4	.3	.3	.3	.3	.3	.3	.3	23	.5	
3	BF	.4	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.4	.3	23	.4	
4	BF	.4	.4	.4	.3	.3	.4	.5	.5	.6	.8	.7	.6	.5	.4	.4	.3	3.7	36.2	47.6	37.5	13.0	4.8	1.0	23	47.6	
5	BF	.5	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	7.7	5.6	9.2	1.5	1.6	23	9.2	
6	BF	.3	.2	.2	1.7	73.8	P83.1	13.2	24.6	3.4	.6	.5	.7	.9	.5	.3	.2	.2	.2	.2	.2	.2	.2	.1	23	83.1	
7	BF	.2	.1	.2	.2	.2	.2	.2	.3	BA	BA	BA	.4	1.1	.5	.4	.3	.3	.3	.3	.4	.3	.3	.3	20	1.1	
8	BF	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.3	.3	.6	.4	.4	.5	.5	.4	.5	.4	.3	23	.6
9	BF	.4	.3	.3	.4	.4	.3	.4	.4	.6	.7	.6	.6	.7	.5	.5	.5	.4	.4	.4	.4	.4	.5	.5	23	.7	
10	BF	.7	.6	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.8	.7	.7	.6	.5	.4	.5	.5	.5	.4	23	.8	
11	BF	.6	.5	.6	.6	.6	.6	.6	.6	32.0	21.0	13.3	23.6	53.1	27.4	4.2	.6	.7	.6	.5	.5	.5	.4	.4	23	53.1	
12	BF	.4	.3	.3	.3	.3	.3	.2	.2	BA	BA	BA	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	20	.4	
13	BF	.3	.2	.3	.3	.3	1.6	4.9	.5	.4	BA	1.6	2.7	30.3	13.4	.5	.3	.3	.3	.3	.2	.2	.2	.2	22	30.3	
14	BF	.3	.2	.2	.2	.2	.2	.2	.2	.3	.4	.7	.5	.4	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	23	.7	
15	BF	.4	.3	.3	.2	.3	.3	.3	.3	.4	.4	.4	.4	.4	AV	.4	.4	.5	.6	.8	.6	.6	.6	.6	22	.8	
16	BF	.7	.6	.6	.6	.5	.5	.6	.7	.9	.8	.6	.6	.6	.6	.5	.6	.7	.8	27.4	1.1	.7	.5	.4	23	27.4	
17	BF	.7	.8	.5	.4	.4	.4	.4	.5	.6	.6	.5	.5	.5	.5	.4	.4	.4	.3	.3	.3	.3	.3	.2	23	.8	
18	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3	
19	BF	.3	.2	.2	.2	.4	2.1	.3	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	23	2.1	
20	BF	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.3	.3	23	.4	
21	BF	.3	.3	.3	.3	.3	.4	.4	.3	1.1	1.1	.9	.9	3.1	1.7	1.5	.7	.4	.4	.5	.5	.4	.4	.3	23	3.1	
22	BF	.3	.3	.3	.4	.3	.4	.4	.4	.4	.7	.8	1.5	1.5	1.2	1.0	.7	.6	.4	.3	.3	.3	.2	.2	23	1.5	
23	BF	.6	.7	.7	.7	.6	.5	.4	.5	15.6	7.2	.6	.5	.4	.4	.5	.6	2.4	.5	.6	5.0	8.4	3.6	23	15.6		
24	BF	.5	.4	.3	.3	.3	.3	.3	.4	.5	.3	.3	.3	.3	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	23	.5	
25	BF	.3	.2	.2	.2	.2	.2	.2	.2	7.8	22.9	44.2	9.7	7.1	.7	1.1	10.6	4.3	7.4	.9	2.7	.9	.4	.4	23	44.2	
26	BF	.5	.5	.5	.4	.3	.3	.4	.7	.8	.6	.6	.5	.5	.5	.4	.5	.5	.4	.4	.3	.2	.3	.3	23	.8	
27	BF	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.4	
28	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.4	.3	1.6	18.6	2.8	2.8	1.4	.5	.4	.3	.3	.3	.3	.3	23	18.6	
29	BF	.4	.3	.3	.3	.3	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.2	.2	.2	.3	.3	.3	.3	.3	23	.4	
30	BF	.4	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.4	23	.4	
31	BF	.4	.3	.3	.3	.3	.3	.4	.4	.6	.6	.6	.5	.5	.6	.6	.6	.5	.5	.5	.4	.5	.6	.5	23	.6	
NO.:		31	31	31	31	31	31	31	31	29	28	29	31	31	30	31	31	31	31	31	31	31	31	31			
MAX:		.7	.8	.7	1.7	73.8	83.1	13.2	24.6	32.0	22.9	44.2	23.6	53.1	27.4	4.2	10.6	4.3	36.2	47.6	37.5	13.0	8.4	3.6			
AVG:		.40	.33	.32	.36	2.69	3.09	.89	1.15	2.41	2.24	2.46	1.62	4.02	1.89	.64	.75	.61	1.79	2.99	1.80	1.19	.77	.48			

1 Values marked with 'P' exceed the PRIMARY STANDARD of: 75.5

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: 1.51 MONTHLY MAX: 83.1

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	24	-.2	
2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	.6	.5	.0	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	24	.6	
3	-.1	.0	.0	.3	.2	.1	.2	.1	.1	.2	.5	.5	.4	.6	.6	.4	.3	.3	.2	.2	.1	.1	.0	.0	24	.6	
4	.0	.0	.0	.0	.0	.0	.2	.3	.1	.2	.2	.2	.2	.1	.1	.1	.2	.2	.2	.2	.2	.1	.2	.3	24	.3	
5	.6	BF	.1	.1	.0	.0	-.1	.0	.0	.0	.1	.2	.2	.2	.1	.1	.2	.2	.2	.3	.4	.3	.3	.2	23	.6	
6	.2	BF	.3	.1	.1	.2	.4	.4	.3	.4	.4	.3	.3	.2	.3	.2	.2	.2	.2	.3	.3	.2	.3	.2	23	.4	
7	.1	BF	.1	.1	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1	
8	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1	
9	.1	BF	.0	.0	.0	.1	.0	.0	.1	.1	.2	.4	.5	.6	.6	.6	.7	.5	.4	.3	.3	.2	.2	.2	23	.7	
10	.3	BF	.2	.2	AE	AE	AE	AE	.8	.7	.5	.7	.7	.5	.4	.5	.3	.4	.5	.4	.3	.3	.2	.3	19	.8	
11	.3	BF	.2	.2	.2	.2	.3	.5	.3	.2	.2	.2	.2	.1	.1	.2	.1	.1	.1	.1	.0	.1	.1	.0	23	.5	
12	.0	BF	.0	.0	.0	-.1	.0	-.1	BA	-.1	-.2	-.1	-.1	.0	.0	-.1	-.1	-.1	-.2	-.1	.1	.3	.5	.3	22	.5	
13	.1	BF	.0	.0	.0	.0	.2	.3	.4	.3	.3	.4	.3	.4	.4	.4	.4	.4	.3	.3	.2	.1	.1	.1	23	.4	
14	.1	BF	.0	.0	.0	.1	.1	.2	.2	.2	.3	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	23	.3	
15	.0	BF	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.2	.2	.2	.2	.3	.2	.3	.3	.3	.2	.2	.1	23	.3	
16	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.2	.1	.1	.2	.2	.1	.1	23	.2	
17	.1	BF	.1	.1	.1	.1	.1	.1	.8	1.1	.3	.1	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.1	.0	23	1.1	
18	.0	BF	.0	.0	.0	.0	.1	.2	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	23	.3	
19	.0	BF	.0	.0	.0	.0	.2	.2	.2	.3	.4	.4	.4	.3	.2	.3	.2	.4	.4	.4	.3	.2	.1	.1	23	.4	
20	.1	BF	.1	.0	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.3	.3	.3	.3	.4	.4	.3	.2	.1	.1	23	.4	
21	.0	BF	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	-.1	.0	23	.1	
22	-.1	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	23	0.0	
23	-.3	BF	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.2	-.1	-.1	23	-.1	
24	-.1	BF	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	23	0.0	
25	-.1	BF	-.1	-.1	-.2	-.1	.2	.1	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.2	-.1	23	.2	
26	-.2	BF	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.3	-.2	23	0.0	
27	-.3	BF	-.2	-.3	-.2	-.2	-.2	-.1	-.1	.0	.1	-.1	.0	.0	-.1	-.1	-.1	-.2	-.3	-.2	-.3	-.3	-.3	-.3	23	.1	
28	-.3	BF	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	23	-.2	
29	-.3	BF	-.3	-.3	-.3	-.3	-.1	-.2	.5	.4	.3	.2	.1	.0	.0	-.1	.1	.2	.1	.1	.1	.0	.0	.0	23	.5	
30	-.1	BF	-.2	-.1	-.1	-.1	-.2	-.3	-.2	-.2	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	23	-.1	
31																										0	
NO.:	30	4	30	30	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.6	0.0	.3	.3	.2	.2	.4	.6	.8	1.1	.5	.7	.7	.6	.6	.6	.7	.5	.5	.4	.4	.3	.5	.3			
AVG:	-.01	-.13	-.03	-.03	-.04	-.03	.02	.06	.13	.12	.10	.09	.10	.08	.08	.07	.07	.07	.06	.07	.06	.03	.01	0.00			

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .05 MONTHLY MAX: 1.1

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	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	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	23	-.3
2	-.4	BF	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	-.2
3	-.4	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	23	-.3	
4	-.3	BF	-.2	-.3	-.3	-.3	-.2	-.1	-.1	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	-.1	
5	-.2	BF	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.2	23	-.1	
6	-.2	BF	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	-.1	
7	-.2	BF	-.2	-.2	-.2	-.3	-.2	-.1	.0	.0	.1	.3	.5	.3	.2	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.2	23	.5	
8	-.2	BF	-.2	-.2	-.2	-.1	.0	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.3	23	0.0	
9	-.3	BF	-.2	-.3	-.3	-.2	-.2	-.2	BA	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	22	-.1	
10	-.4	BF	-.3	-.3	-.4	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.4	23	-.1	
11	-.4	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.4	23	-.2	
12	-.4	BF	-.4	-.4	-.3	-.3	-.2	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	23	-.2	
13	-.5	BF	-.4	-.4	-.4	-.5	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.4	-.3	-.4	-.2	.0	.1	.0	-.1	-.2	-.3	-.3	23	.1	
14	-.3	BF	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.1	.1	23	.1	
15	-.1	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.1	.4	.1	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.1	-.1	23	.4	
16	-.1	BF	-.2	-.2	-.2	-.2	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	23	.2	
17	-.2	BF	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.4	-.4	23	-.2	
18	-.4	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	23	-.3	
19	-.4	BF	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	23	-.3	
20	-.4	BF	-.3	-.4	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3	
21	-.4	BF	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.1	-.3	-.1	23	-.1	
22	-.3	BF	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.2	-.2	-.3	-.2	-.3	-.4	-.3	-.4	-.3	-.3	-.4	23	-.2	
23	-.4	BF	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	23	-.2	
24	-.3	BF	-.3	-.3	-.3	-.3	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	23	-.1	
25	-.3	BF	-.3	-.3	-.4	-.3	-.2	-.3	-.3	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.2	-.3	-.4	-.3	-.3	23	-.1	
26	-.4	BF	-.4	-.4	-.4	-.4	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.5	-.5	23	-.2	
27	-.5	BF	-.5	-.5	-.5	-.5	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	23	-.3	
28	-.5	BF	-.5	-.5	-.5	-.5	-.5	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3	
29	-.5	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4	
30	-.5	BF	-.5	-.5	-.5	-.5	-.4	-.4	-.5	-.4	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	23	-.4	
31	-.5	BF	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.5	-.5	-.5	-.6	23	-.4	
NO.:	31		31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31			
MAX:	-.1		-.1	-.1	-.1	-.1	0.0	.1	.2	.4	.1	.3	.5	.3	.2	0.0	0.0	0.0	.1	0.0	-.1	-.1	-.1	-.1		.1	
AVG:	-.35		-.32	-.34	-.33	-.34	-.28	-.28	-.27	-.26	-.26	-.26	-.27	-.28	-.30	-.31	-.29	-.30	-.29	-.31	-.31	-.33	-.33	-.34		-.34	

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: -.30 MONTHLY MAX: .5

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	-0.5	BF	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	23	-0.4	
2	-0.6	BF	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.4	-0.2	-0.2	-0.1	-0.3	-0.4	-0.5	-0.4	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	23	-0.1	
3	-0.6	BF	-0.6	-0.6	-0.6	-0.5	-0.6	-0.6	-0.5	-0.5	-0.6	-0.5	-0.6	-0.6	-0.5	-0.5	-0.6	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	23	-0.5	
4	-0.6	BF	-0.5	-0.6	-0.5	-0.6	-0.6	-0.5	-0.6	-0.6	-0.5	-0.5	-0.4	-0.5	-0.5	-0.5	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5	23	-0.4	
5	-0.6	BF	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.5	-0.5	-0.6	-0.6	-0.5	-0.6	-0.6	-0.5	-0.6	-0.6	-0.6	-0.6	-0.6	-0.7	23	-0.5	
6	-0.6	BF	-0.6	-0.7	-0.6	-0.7	-0.6	BA	BA	-0.5	-0.5	-0.5	-0.4	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5	-0.6	-0.6	-0.7	-0.6	-0.6	21	-0.4	
7	-0.7	BF	-0.6	-0.7	-0.6	-0.6	-0.6	-0.5	-0.5	-0.4	-0.4	-0.5	-0.5	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.5	-0.5	-0.5	-0.5	-0.4	23	-0.4	
8	-0.5	BF	-0.5	-0.5	-0.5	-0.4	-0.2	-0.2	.3	.0	-0.1	.1	.0	-0.4	-0.3	-0.3	.1	.3	.2	.0	-0.3	-0.3	-0.4	-0.4	23	.3	
9	-0.4	BF	-0.4	-0.4	-0.4	-0.4	-0.3	-0.4	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.3	-0.4	-0.4	-0.3	-0.3	-0.4	-0.5	-0.4	-0.5	-0.5	23	-0.3	
10	-0.5	BF	-0.4	-0.5	-0.5	-0.4	-0.2	-0.2	-0.3	-0.2	-0.2	-0.2	-0.1	-0.2	-0.2	-0.2	-0.1	-0.1	.0	-0.1	-0.4	-0.4	-0.4	-0.5	23	0.0	
11	-0.5	BF	-0.5	-0.5	-0.5	-0.5	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.3	-0.3	-0.3	-0.3	-0.4	-0.4	-0.5	-0.5	-0.5	-0.6	23	-0.3	
12	-0.6	BF	-0.5	-0.6	-0.6	-0.6	-0.6	-0.4	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.2	-0.3	-0.4	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	23	-0.2	
13	-0.6	BF	-0.5	-0.6	-0.6	-0.6	-0.4	-0.2	.1	-0.2	-0.4	-0.4	-0.4	-0.5	-0.4	-0.4	-0.5	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	23	.1	
14	-0.5	BF	-0.5	-0.5	-0.5	-0.5	-0.3	-0.4	-0.2	-0.2	-0.4	-0.3	-0.4	-0.3	-0.3	-0.3	-0.3	-0.2	-0.2	-0.3	-0.4	-0.5	-0.5	-0.6	23	-0.2	
15	-0.6	BF	-0.6	-0.6	-0.5	-0.6	-0.6	-0.5	-0.5	-0.5	-0.6	.0	.4	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	23	.4	
16	-0.7	BF	-0.7	-0.6	-0.7	-0.7	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.6	-0.7	-0.7	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.6	-0.7	23	-0.6	
17	-0.6	BF	-0.7	-0.6	-0.6	-0.6	-0.6	AV	AV	AV	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	20	-0.6	
18	-0.7	BF	-0.6	-0.5	-0.5	-0.5	-0.6	-0.5	-0.6	-0.5	-0.5	-0.5	-0.5	-0.5	-0.4	-0.3	-0.3	-0.3	-0.3	-0.4	-0.5	-0.6	-0.5	-0.6	23	-0.3	
19	-0.7	BF	-0.7	-0.8	-0.7	-0.8	-0.7	-0.6	-0.5	-0.6	-0.6	-0.6	-0.7	-0.7	-0.6	-0.7	-0.7	-0.6	-0.6	-0.7	-0.6	-0.6	-0.6	-0.6	23	-0.5	
20	-0.6	BF	-0.7	-0.7	-0.7	-0.7	-0.6	-0.5	-0.6	-0.6	-0.4	-0.6	-0.6	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.8	23	-0.4
21	-0.8	BF	-0.7	-0.8	-0.8	-0.8	-0.8	-0.6	-0.6	-0.7	-0.8	-0.8	-0.8	-0.7	-0.7	-0.8	-0.7	-0.8	-0.9	-0.8	-0.8	-0.9	-0.9	-0.9	23	-0.6	
22	-0.9	BF	-0.9	-0.9	-0.9	-0.9	-0.8	-0.6	-0.8	-0.7	-0.8	-0.8	-0.9	-0.8	-0.8	-0.9	-0.9	-0.8	-0.8	-0.9	-0.8	-0.9	-1.0	-0.9	23	-0.6	
23	-1.0	BF	-0.9	-0.9	-0.9	-0.9	-0.8	-0.7	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-1.0	23	-0.7	
24	-1.0	BF	-1.0	-0.9	-1.0	-1.0	-1.0	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-1.0	-0.9	-0.9	-0.9	-0.9	-0.9	-1.0	-0.9	-0.9	-0.9	-0.9	23	-0.9	
25	-0.9	BF	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.8	-0.8	-0.8	-0.9	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.8	-0.9	-0.9	23	-0.8	
26	-0.9	BF	-0.8	-0.9	-0.9	-0.9	-0.9	-0.8	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-0.9	-1.0	-0.9	-0.9	23	-0.8	
27	-0.9	BF	-0.8	-0.8	-0.9	-0.9	-0.8	-0.7	-0.6	-0.7	-0.8	-0.8	-0.7	-0.8	-0.9	-0.9	-0.9	-0.9	-0.9	-1.0	-1.0	-1.0	-1.0	-0.9	23	-0.6	
28	-1.0	BF	-0.9	-1.0	-1.0	-1.0	-1.0	-0.9	-1.0	-0.9	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.9	-1.0	-1.0	-0.9	23	-0.8	
29	-1.0	BF	-0.9	-1.0	-0.9	-1.0	-0.9	-0.8	-0.8	-0.7	-0.6	-0.7	-0.8	-0.8	-1.0	-0.9	-1.0	-0.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-0.6	
30	-1.0	BF	-1.0	-1.0	-1.0	-1.0	-0.9	-0.8	-0.8	-0.9	-0.9	-0.9	-1.0	-0.8	-0.9	-0.9	-0.8	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-0.8	
31																										0	
NO.:	30		30	30	30	30	30	28	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	-0.4		-0.4	-0.4	-0.4	-0.4	-0.2	-0.2	.3	0.0	-0.1	.1	.4	-0.2	-0.2	-0.2	.1	.3	.2	0.0	-0.3	-0.3	-0.4	-0.4			
AVG:	-0.70		-0.67	-0.69	-0.68	-0.69	-0.64	-0.57	-0.54	-0.55	-0.57	-0.55	-0.55	-0.61	-0.59	-0.60	-0.60	-0.58	-0.59	-0.63	-0.66	-0.69	-0.68	-0.69			

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: -0.62 MONTHLY MAX: .4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	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	BF	-.9	-.9	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-.9	-.8	-.8	-.9	-.9	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	23	-.8
2	-1.0	BF	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-.9	-.8	-.7	-.7	-.7	-.8	-.8	-.9	-.9	-.9	-.9	-.8	-.9	-.9	-1.0	23	-.7
3	-1.0	BF	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.9
4	-1.0	BF	-1.0	-1.0	-.9	-.9	-.9	-.9	-1.0	-.9	-1.0	-.9	-1.0	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	23	-.9
5	-1.0	BF	-1.0	-1.0	-.9	-1.0	-1.0	-.9	-.7	-.8	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.7
6	-1.0	BF	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-1.0	-1.0	-1.0	-.9	-1.0	-.9	-.9	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.9
7	-1.0	BF	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-.9	-.9	-.9	-.6	.0	-.4	-.6	-.9	-1.0	-.9	-1.0	-1.0	-1.0	-.9	-.9	-1.0	23	0.0
8	-.9	BF	-.9	-1.0	-.9	-.9	-.9	-.8	-.9	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.0	23	-.8
9	-.9	BF	-.9	-1.0	-.9	-1.0	-1.0	-.9	-.9	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-1.0	23	-.9
10	-.9	BF	-1.0	-1.0	-1.0	-.9	-.8	-.7	-.6	-.7	-.7	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	23	-.6
11	-1.0	BF	-1.0	-.9	-1.0	-.9	-1.0	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-.9	-.9	-1.0	-1.0	23	-.9
12	-1.0	BF	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-1.0	-.9	-1.0	-.8	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.0	-1.1	-1.0	23	-.8
13	-1.0	BF	-.9	-1.0	-1.0	-1.0	-.9	-.9	-.9	-.9	-1.0	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-.9	23	-.9
14	-.9	BF	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	23	-.8
15	-1.1	BF	-1.0	-1.0	-1.0	-1.0	-.9	-.8	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-.9	-.9	-1.0	-1.0	-.9	-.8	-1.0	23	-.8
16	-1.0	BF	-1.0	-.9	-1.1	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.9
17	-1.0	BF	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-.9	-1.0	-.9	-.9	-1.0	-.9	-1.0	-.9	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.9
18	-1.1	BF	-1.0	-1.0	-1.1	-1.0	-1.0	-1.0	-.9	-.8	-.9	-.9	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.8
19	-1.0	BF	-1.0	-.9	-1.0	-1.0	-.7	-.8	-.9	-.9	-.8	-.8	-.8	-.8	-.8	-.9	-1.0	-1.0	-.9	-.9	-.9	-.9	-.9	-1.0	23	-.7
20	-1.0	BF	-.9	-.9	-1.0	-1.0	-.9	-.8	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	23	-.8
21	-.9	BF	-.8	-.9	-.9	-.9	-.8	-.8	-.7	-.6	-.7	-.7	-.9	-.8	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.0	23	-.6
22	-1.0	BF	-.9	-1.0	-1.0	-1.0	-.9	-.9	-1.0	-.9	-.9	-.8	-.9	-1.0	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	23	-.8
23	-1.0	BF	-.9	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-.9	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	23	-.8
24	-1.0	BF	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-.8	-.8	-.9	-.9	-.9	-.9	-1.0	-.9	-1.0	23	-.8
25	-1.0	BF	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-.9	-1.0	-.9	-.9	-.8	-.7	-.9	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	23	-.7
26	-1.0	BF	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	-.9	-1.0	-1.0	-.9	-1.0	-1.1	-1.0	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.9
27	-1.0	BF	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-1.0	-.8	-.9	-.9	-.7	-.7	-.8	-.9	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	23	-.7
28	-1.1	BF	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	23	-.9
29	-1.1	BF	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	-1.1	-1.1	-1.1	23	-1.0
30	-1.1	BF	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	23	-1.0
31	-1.1	BF	-1.0	-1.1	-1.1	-1.1	-1.0	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.0	-1.0	23	-1.0
NO.:	31		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	-.9		-.8	-.9	-.9	-.9	-.7	-.7	-.6	-.6	-.7	-.6	0.0	-.4	-.6	-.8	-.8	-.8	-.8	-.8	-.9	-.8	-.9	-.8	-.9	
AVG:	-1.00		-.97	-.99	-.99	-.99	-.94	-.92	-.91	-.90	-.91	-.90	-.87	-.89	-.92	-.93	-.95	-.95	-.95	-.95	-.97	-.97	-.98	-.99	-1.01	

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: -.95 MONTHLY MAX: 0.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	-1.1	BF	-1.0	-1.1	-1.1	-1.0	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.0	-1.1	-1.1	-1.1	23	-1.1
2	-1.1	BF	-1.0	-1.1	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.2	-1.1	-1.2	-1.1	-1.2	-1.1	-1.2	-1.2	-1.1	-1.1	23	-1.1
3	-1.1	BF	-1.1	-1.1	-1.1	-1.2	-1.2	-1.1	-1.1	-1.2	-1.2	-1.2	-1.1	-1.2	-1.2	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	23	-1.1
4	-1.1	BF	-1.2	-1.1	-1.1	-1.1	-1.0	-1.1	-1.1	-1.2	-1.2	-1.2	-1.1	-1.2	-1.2	-1.1	-1.2	AV	AV	-1.1	-1.2	-1.2	-1.1	-1.1	21	-1.0
5	-1.1	BF	-1.2	-1.1	-1.2	-1.1	-1.2	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.1	-1.1	-1.2	-1.2	-1.1	-1.2	-1.2	-1.2	-1.1	23	-1.1
6	-1.1	BF	-1.1	-1.2	-1.2	-1.1	-1.1	-1.2	-1.2	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	23	-1.1
7	-1.2	BF	-1.1	-1.3	-1.3	-1.2	-1.2	-1.2	-1.2	-1.1	-1.2	-1.2	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	23	-1.1
8	-1.2	BF	-1.1	-1.2	-1.2	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.3	-1.3	23	-1.1
9	-1.3	BF	-1.2	-1.2	-1.2	-1.3	-1.2	-1.2	-1.2	-1.2	-1.1	-1.1	-1.2	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.2	-1.1	-1.1	23	-1.1
10	-1.1	BF	-1.1	-1.1	-1.2	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.1	-1.2	23	-1.1
11	-1.2	BF	-1.2	-1.1	-1.1	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.2	-1.1	-1.2	-1.2	-1.3	-1.3	-1.2	-1.3	23	-1.1
12	-1.2	BF	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.1	-1.0	-1.1	-1.1	-1.1	-1.1	.6	-.3	-1.2	-1.1	-1.1	-1.2	-1.2	-1.3	-1.2	-1.2	23	.6
13	-1.3	BF	-1.2	-1.3	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.2	-1.1	-1.1	-1.2	-1.2	-1.2	-1.1	-1.1	-1.1	-1.2	-1.2	-1.2	23	-1.1
14	-1.3	BF	-1.1	-1.2	-1.2	-1.2	-1.1	-1.1	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2	-1.2	-1.2	-1.1	-1.2	-1.2	23	-1.0
15	-1.3	BF	-1.2	-1.2	-1.2	-1.1	-1.1	-1.1	-1.1	-1.1	BA	-1.0	-1.1	-1.1	-1.1	-.9	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	22	-.9
16	-1.1	BF	-1.1	-1.1	-1.1	-1.1	-1.0	-1.0	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.2	-1.2	-1.1	-1.2	-1.2	-1.2	23	-1.0
17	-1.2	BF	-1.1	-1.2	-1.1	-1.1	-1.1	-1.2	-1.1	-1.1	-1.1	-1.0	-1.1	-1.1	-1.1	-1.2	-1.2	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	23	-1.0
18	-1.2	BF	-1.1	-1.2	-1.3	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.3	-1.2	-1.2	-1.2	-1.1	-1.2	-1.2	-1.2	-1.2	-1.1	-1.2	-1.2	-1.3	23	-1.1
19	-1.2	BF	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.1	-.9	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2	-1.2	-1.1	-1.0	-1.1	-1.2	-1.2	-1.2	23	-.9
20	-1.1	BF	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	-.9	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	23	-.9
21	-1.1	BF	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	23	-1.1
22	-1.1	BF	-1.0	-1.1	-1.1	-1.1	-.9	-.9	-.9	-.8	-.8	-.7	-.8	-.7	-.8	-.9	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.7
23	-1.0	BF	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-.8	-.8	-.6	-.5	-.7	-.7	-.8	-.8	-.8	-.8	-.9	-.9	-.9	-1.0	-1.0	23	-.5
24	-1.0	BF	-.9	-1.0	-1.0	-1.0	-.9	-.9	-.9	-.9	-.8	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.8
25	-1.1	BF	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	23	-.9
26	-1.1	BF	-1.0	-1.1	-1.1	-1.1	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-1.0	-1.1	-1.1	23	-.9
27	-1.0	BF	-1.0	-1.0	-1.1	-1.0	-1.0	-1.1	-1.0	-.9	-1.0	-.8	-.9	-.9	-.8	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-1.1	-1.1	-1.1	23	-.8
28	-1.1	BF	-1.0	-1.1	-1.0	-.9	-.8	-.7	-.7	-.9	-1.0	-1.0	-1.0	-1.0	-1.1	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-1.1	23	-.7
29	-1.1	BF	-1.0	-1.1	-1.0	-1.0	-.9	-.9	BA	BA	.5	.0	-.2	-.4	-.4	-.5	-.5	-.5	-.5	-.7	-.7	-.7	-.7	-.8	21	.5
30	-.8	BF	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.8	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.0	-1.1	23	-.8
31	-1.1	BF	-1.0	-1.1	-1.1	-1.1	-1.0	-.9	-.9	-.9	-.8	-.9	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.8
NO.:	31		31	31	31	31	31	31	31	30	29	31	31	31	31	31	30	30	31	31	31	31	31	31		
MAX:	-.8		-.9	-1.0	-1.0	-.9	-.8	-.7	-.7	-.7	-.6	.5	0.0	.6	-.3	-.4	-.5	-.5	-.5	-.7	-.7	-.7	-.7	-.7		-.8
AVG:	-1.13		-1.08	-1.13	-1.13	-1.10	-1.07	-1.05	-1.05	-1.03	-1.04	-.98	-1.01	-.96	-1.00	-1.03	-1.05	-1.05	-1.06	-1.08	-1.10	-1.11	-1.12	-1.13		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: -1.06 MONTHLY MAX: .6

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-1.0	-1.0	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2	23	-1.0
2	BF	-1.0	-1.1	-1.1	-1.1	-1.1	-1.0	-.9	-.8	-.8	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-.9	23	-.8
3	BF	-1.0	-.9	-1.0	-1.0	-1.0	-.9	-.9	-.9	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	23	-.8
4	BF	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.8	-.8	-.8	-.9	-.9	-.9	-1.0	-.9	-.9	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	23	-.8
5	BF	-.9	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.5	-.7	-.7	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	23	-.5
6	BF	-.9	-1.0	-.9	-.9	-.8	-.7	.0	-.5	-.8	-.8	-.7	-.7	-.6	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-.9	23	0.0
7	BF	-.9	-1.0	-1.0	-.9	-1.0	-.7	-.8	-.8	-.7	-.8	-.8	-1.0	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.0	23	-.7
8	BF	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.9
9	BF	-1.0	-1.1	-1.0	-1.0	-1.0	-.9	-.9	-1.0	-.9	-1.0	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.1	-1.0	-1.0	-1.1	-1.0	-1.1	-1.0	23	-.9
10	BF	-1.0	-1.1	-1.0	-1.0	-1.0	-.9	-.9	-.9	-1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.8	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	23	-.8
11	BF	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-.9	-.9	-1.0	-.9	-.9	23	-.9
12	BF	-.9	-1.0	-1.0	-.9	-.9	-.9	-.7	BA	BC	BC	BC	.2	.1	.0	.0	.0	.1	-.1	-.1	-.2	-.2	-.2	-.3	19	.2
13	BF	-.2	-.3	-.3	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.3	.0	.5	.8	.0	-.1	-.2	-.3	-.3	-.2	23	.8
14	BF	-.2	-.3	-.3	-.3	-.3	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.1
15	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.2	.0	.1	.0	-.1	-.2	-.1	-.2	-.2	-.2	-.3	-.1	-.2	-.3	-.3	-.3	23	.1
16	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3
17	BF	-.3	-.4	-.4	-.3	-.3	-.2	.0	-.1	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	0.0
18	BF	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.2	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	-.2
19	BF	-.4	-.4	-.4	-.4	-.5	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3
20	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.4	-.4	-.4	23	-.2
21	BF	-.3	-.3	-.4	-.3	-.4	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.4	-.3	-.3	23	-.2
22	BF	-.3	-.3	-.4	-.4	-.3	-.2	-.1	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.1
23	BF	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.3	-.3	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.2
24	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.3	.4	.8	.4	.2	.1	.0	-.1	-.1	-.1	-.3	-.2	-.3	-.3	23	.8
25	BF	-.2	-.3	-.3	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.2
26	BF	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.3	-.4	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.3	23	-.2
27	BF	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.4	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	23	-.2
28	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.4	-.3	-.4	-.4	-.3	-.3	23	-.2
29	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	-.1
30	BF	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	-.1	-.1	-.1	-.1	.1	-.1	-.1	-.2	-.2	-.1	-.2	23	.1
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	
MAX:	-.2	-.3	-.3	-.2	-.2	-.1	0.0	0.0	-.1	0.0	.4	.8	.4	.2	.1	0.0	.5	.8	0.0	-.1	-.1	-.2	-.1	-.2		
AVG:	-.55	-.61	-.61	-.59	-.59	-.53	-.48	-.50	-.48	-.44	-.45	-.47	-.48	-.51	-.50	-.49	-.48	-.53	-.53	-.56	-.57	-.57	-.57	-.57		

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: -.53 MONTHLY MAX: .8

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	-1	-2	-2	-2	-1	-1	-1	-1	-1	.0	-1	-1	-1	.0	-1	-1	-1	-1	-2	-2	-2	-2	-1	23	0.0	
2	BF	-1	-1	-1	-1	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2	-2	-2	-2	-2	-2	-2	23	-1	
3	BF	-1	-2	-2	-2	-1	-1	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	-1	-2	-2	-2	-2	-2	-2	23	.1	
4	BF	-2	-2	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-2	-1	-2	-1	-1	-2	-2	-2	-2	-1	-2	23	-1	
5	BF	-1	-2	-1	-1	-2	-2	-1	-1	-1	-2	-1	-1	-1	-2	-1	-2	-1	-2	-2	-2	-1	-2	-2	23	-1	
6	BF	-1	-1	-1	-2	-1	.0	.1	-1	-1	-1	-1	AZ	AZ	AZ	-1	-2	-2	-2	-2	-2	-2	-1	-2	20	.1	
7	BF	-2	-2	-2	-2	-2	-2	-2	-2	-3	-3	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	23	-2	
8	BF	-3	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-4	-2	-2	23	-2	
9	BF	-2	-2	-1	-1	-1	.0	.0	.0	-1	-1	-1	-1	.0	.0	-1	-1	-1	.0	.0	-1	-1	-2	-2	23	0.0	
10	BF	-1	-2	-2	-2	-2	-1	-1	.0	BA	.0	.0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2	-2	-2	22	0.0	
11	BF	-1	-1	-2	-1	-1	-1	-1	-1	.0	.0	.0	.0	.0	.0	-1	-1	-1	-2	-1	-2	-1	-2	-2	23	0.0	
12	BF	-1	-2	-2	-2	-1	.0	-1	-1	.0	.2	.1	.1	.1	.0	.0	.0	.0	-1	-1	-2	-2	-2	-2	23	.2	
13	BF	-1	-1	-1	-2	-1	-1	.1	.0	.0	.0	-1	-1	.0	.0	-1	-1	-1	-2	-2	-2	-2	-2	-2	23	.1	
14	BF	-2	-3	-3	-2	-2	-2	-2	-2	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-2	-2	-1	-2	-2	23	-1	
15	BF	-2	-2	-2	-2	-2	-2	-2	.0	.0	.0	.0	.0	-1	-2	-2	-2	-2	-3	-3	-3	-3	-3	-3	23	0.0	
16	BF	-3	-3	-3	-3	-3	-3	-3	-2	-2	-2	-2	-3	-3	-3	-3	-3	-2	-2	-3	-3	-3	-3	-4	-3	23	-2
17	BF	-2	-3	-3	-3	-2	-1	-2	-3	-2	-2	-1	-2	-2	-3	-2	-2	-3	-3	-3	-3	-3	-3	-3	23	-1	
18	BF	-3	-3	-3	-3	-3	.1	.2	.0	-1	-1	-1	-1	-2	-2	-1	-1	-2	-3	-3	-3	-3	-3	-3	23	.2	
19	BF	-2	-3	-3	-3	-2	-1	-1	-1	-2	-1	-2	-2	-3	-3	-3	-3	-3	-2	-3	-3	-3	-3	-4	23	-1	
20	BF	-3	-3	-4	-4	-3	-2	-1	-2	-3	-2	-2	-3	-3	-3	-3	-3	-3	-2	-3	-3	-3	-3	-3	23	-1	
21	BF	-2	-2	-3	-3	-3	-2	-1	-3	-3	-3	-2	-2	-2	-2	-3	-3	-2	-2	-2	-2	-2	-2	-2	23	-1	
22	BF	-1	-1	-1	-2	-1	-1	-2	-1	-1	-1	-1	-1	.0	.0	.1	.4	.3	.6	.7	.5	.4	.5	.1	23	.7	
23	BF	.0	.0	-1	.0	-1	-1	-1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	-1	-1	-1	-1	-1	-1	23	.1	
24	BF	-1	-1	-1	-1	-1	.0	.3	.4	.3	.6	.5	.2	.2	.2	.3	.3	.2	.0	-1	-1	.0	-1	-1	23	.6	
25	BF	-1	-1	-2	-1	-1	.1	.2	.0	-1	-1	.0	.0	.1	.0	.1	.1	.0	-1	-1	-1	-1	-1	-2	23	.2	
26	BF	-1	-1	-1	-1	.0	.0	.1	.0	.0	.1	.2	.2	.1	.1	.1	.1	.1	-1	-1	-1	-1	-2	-1	23	.2	
27	BF	.0	-1	-2	-2	-2	.0	.0	1.9	1.8	.5	.2	.1	.1	.4	-1	-1	-1	-2	-3	-3	-2	-2	23	1.9		
28	BF	-2	-2	-2	-2	-1	.0	.1	.0	-1	-2	-1	-2	-2	-2	-3	-3	-2	-2	-2	-2	-2	-2	-2	23	.1	
29	BF	-2	-2	-2	-2	-2	-2	-1	-1	.0	.0	-1	.2	.1	.0	.0	.0	.0	-2	-2	-2	-2	-2	-2	23	.2	
30	BF	-2	-2	-2	-2	-2	-2	-2	-2	-1	-1	-1	-2	-2	-2	-2	-2	-1	-1	-2	-2	-2	-3	-2	23	-1	
31	BF	-2	-2	-2	-2	-2	-2	-1	.0	.1	.1	.1	.1	.0	.0	.0	.0	-1	.1	.2	.2	.0	.5	.7	23	.7	
NO.:	31	31	31	31	31	31	31	31	31	30	31	31	30	30	30	31	31	31	31	31	31	31	31	31			
MAX:	0.0	0.0	-1	0.0	0.0	.1	.3	1.9	1.8	.6	.6	.5	.5	.2	.4	.4	.4	.3	.6	.7	.5	.4	.5	.7			
AVG:	-1.16	-1.19	-1.20	-1.20	-1.17	-1.11	-1.07	-1.02	-1.02	-1.05	-1.05	-1.07	-1.07	-1.09	-1.11	-1.10	-1.11	-1.12	-1.14	-1.16	-1.18	-1.17	-1.17	-1.18			

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: -.12 MONTHLY MAX: 1.9

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.2	.1	.3	.2	.1	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	.3	
2	BF	-.3	-.3	-.3	-.3	-.4	-.3	-.2	-.1	-.3	-.3	-.3	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.3	-.3	-.2	-.3	-.3	23	-.1	
3	BF	-.3	-.3	-.3	-.3	-.3	.1	2.3	.5	.0	-.1	-.2	-.1	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	23	2.3	
4	BF	-.1	-.1	-.2	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.2	23	-.1	
5	BF	-.1	-.2	-.1	-.2	-.2	-.1	-.2	-.1	-.1	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0	
6	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	-.1	.0	-.1	23	.1	
7	BF	.0	-.1	-.1	-.1	-.1	.0	.1	.2	.2	.4	.2	.4	.4	.3	.5	.5	.3	.1	.0	.0	.0	-.1	-.1	23	.5	
8	BF	-.1	AE	AE	AE	AE	AE	AE	AE	AE	.1	.1	.1	.1	.1	.2	.2	.1	.0	.0	.0	-.1	-.1	-.1	15	.2	
9	BF	.0	-.1	-.2	-.2	-.2	-.2	-.1	-.1	.0	.1	-.1	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.1	-.1	-.2	-.1	-.2	23	.1	
10	BF	-.2	AE	AE	AE	AE	AE	AE	AE	.2	.3	.3	.3	.2	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	16	.3	
11	BF	-.1	AE	AE	AE	AE	AE	AE	AE	.3	.3	.3	.2	.2	.2	.3	.5	.9	.8	.6	.4	.3	.1	.0	16	.9	
12	BF	.3	.0	-.1	AE	AE	AE	AE	AE	AE	.2	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	-.1	AE	AE	15	.3	
13	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.1	.1	.1	.2	.2	.1	.1	.1	.0	.1	AE	AE	10	.2	
14	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.3	.3	.2	.2	.2	.2	.1	.0	.0	-.1	.0	-.1	-.1	13	.3	
15	BF	AE	AE	AE	AE	AE	AE	AE	AE	AE	.1	.2	BA	.1	.1	.0	.0	.1	.6	.3	.0	.0	-.1	-.1	13	.6	
16	BF	-.1	-.1	-.1	-.1	-.1	-.1	.2	.3	.1	.2	.1	.0	.0	.1	.0	.0	.1	.9	1.1	.3	.0	.0	-.1	23	1.1	
17	BF	-.1	-.1	-.1	-.1	-.1	.0	.1	.3	.3	.2	.3	.3	.3	.3	.3	.5	1.3	1.0	.7	.4	.1	.1	.1	23	1.3	
18	BF	-.1	-.1	-.2	-.2	-.2	-.1	.0	.5	.2	.1	.1	.2	.1	.1	.4	.5	.5	.8	1.3	.8	.2	.1	-.1	23	1.3	
19	BF	-.1	-.1	-.2	-.2	-.2	-.2	-.2	.0	.1	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	23	.1	
20	BF	-.1	-.1	.0	.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	23	.1	
21	BF	.0	.1	.0	.0	.0	.1	.2	.4	.1	.4	.4	.3	.3	.4	.6	.6	.8	.7	.6	.4	.2	.2	.3	23	.8	
22	BF	.3	.1	.1	.1	.1	.2	.5	.6	.5	.4	.3	.2	.2	.2	.4	.2	.3	.2	.2	.1	.1	.1	.1	23	.6	
23	BF	.2	.1	.1	.1	.1	.1	.2	.2	.5	.4	.6	.4	.4	.3	.6	.8	.4	.3	.3	.2	.1	.1	.1	23	.8	
24	BF	.1	.0	.0	-.1	-.1	.0	-.1	.0	-.1	.0	.1	.0	.0	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	23	.1	
25	BF	-.2	-.2	-.3	-.3	-.2	-.2	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	23	0.0	
26	BF	-.1	-.1	.0	.0	.1	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.1	.0	.1	.0	.0	.0	23	.1	
27	BF	.0	.0	-.1	-.1	.0	-.1	.0	.0	.1	.6	.7	.7	.6	.5	.4	.3	.2	.1	.0	.0	.0	.0	.0	23	.7	
28	BF	.0	.0	-.1	.0	-.1	.0	.0	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.2	.1	.0	23	.3	
29	BF	.0	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.1	-.2	-.1	.0	-.1	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.1	23	0.0	
30	BF	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.2	.9	.9	.9	.9	.9	.8	.9	.8	.7	.8	.8	.8	.8	.8	1.0	23	1.0	
31																										0	
NO.:	27	24	24	23	23	23	23	23	23	25	28	29	29	30	30	30	30	30	30	30	30	30	28	28			
MAX:	.3	.1	.3	.2	.1	.2	2.3	.6	.9	.9	.9	.9	.9	.9	.8	.9	.8	1.3	1.0	1.3	.8	.8	.8	.8	1.0		
AVG:	-.04	-.08	-.10	-.10	-.11	-.08	.07	.09	.09	.13	.13	.12	.09	.09	.13	.15	.15	.16	.16	.15	.06	0.00	-.03	-.04			

MONTHLY OBSERVATIONS: 627 MONTHLY MEAN: .05 MONTHLY MAX: 2.3

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	1.1	1.0	1.0	1.0	1.1	1.2	1.1	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2	23	1.3	
2	BF	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
3	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
4	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0	
5	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	.2	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	9	.2
6	BF	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.2	
7	BF	-.2	-.3	-.2	-.2	-.2	-.2	-.1	.2	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.3	-.2	-.3	23	.2	
8	BF	-.1	-.3	-.3	-.3	-.3	.5	1.1	1.1	.8	.4	.3	-.1	-.2	-.1	-.2	-.1	.0	.0	.0	-.1	-.1	-.1	.3	23	1.1	
9	BF	.2	.0	.3	.7	1.0	.5	.3	.3	.4	.3	.1	.2	.1	.3	.3	.3	.6	.8	.7	.2	.2	.1	.0	23	1.0	
10	BF	.0	.0	-.1	.0	.0	-.1	.0	.0	.1	.2	.1	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	23	.2	
11	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.3	.3	.3	.2	.3	.2	.2	.2	.3	.3	.2	.2	.2	23	.3	
12	BF	.3	.2	.1	.0	.1	.0	.0	.1	.3	.1	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	23	.3	
13	BF	-.1	-.2	-.2	-.1	-.2	.0	.2	.2	.1	.1	.0	.1	.1	.2	.1	.1	.0	.0	-.1	-.1	-.2	-.2	-.3	23	.2	
14	BF	-.2	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.1	-.1	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	23	-.1	
15	BF	-.1	-.2	-.2	-.2	-.2	-.1	.0	.3	.4	.1	.0	.0	.1	.3	.4	.2	.1	.1	.3	.5	.5	.6	.5	23	.6	
16	BF	.4	.2	.0	.0	.1	.1	.0	.1	.2	.2	.2	.3	.3	.2	.3	.2	.2	.4	1.0	1.2	1.1	1.2	1.1	23	1.2	
17	BF	1.4	1.5	1.4	1.3	1.2	.9	.6	.2	.4	.5	.3	.2	.2	.2	.2	.1	.0	.0	.0	.0	-.1	-.1	-.1	23	1.5	
18	BF	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	.1	.1	23	.1	
19	BF	.3	.1	.0	-.1	-.2	-.3	-.3	-.2	-.2	-.1	-.1	BA	.5	.3	.2	.3	.2	.2	.2	.2	.1	.2	.3	22	.5	
20	BF	.1	.0	.0	.0	.2	.4	.3	.4	.4	.4	.4	.4	.4	.2	.3	.3	.4	.3	.2	.2	.1	.2	.1	23	.4	
21	BF	.3	.1	.1	.2	.2	.3	.3	.4	.3	.4	.3	.0	-.1	.0	-.1	.0	.1	-.1	-.1	-.1	-.1	.0	.0	23	.4	
22	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.2	-.1	.0	.3	.5	.5	.6	.8	1.0	.9	1.1	.8	.3	.2	.1	.0	23	1.1	
23	BF	-.1	-.2	-.1	-.2	-.1	.0	-.1	.0	.0	.2	.3	.5	.6	.5	.5	.4	.5	.5	.5	.5	.4	.4	.5	23	.6	
24	BF	.5	.4	.1	.1	.1	.0	.0	.0	.0	.1	.1	.2	.2	.1	.0	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.3	23	.5	
25	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	23	-.2	
26	BF	-.3	-.4	-.3	-.5	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3	
27	BF	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	23	-.3	
28	BF	-.4	-.4	-.4	-.4	-.4	-.3	-.1	.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.2	23	.1	
29	BF	-.2	-.3	-.3	-.4	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.1	.0	23	0.0	
30	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	-.1	
31	BF	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.1	-.1	.0	.1	.2	.2	.1	.0	.1	.1	.0	.0	-.1	-.1	-.1	.0	23	.2	
NO.:		27	27	27	27	27	27	27	27	27	27	27	26	27	27	28	28	28	28	28	28	28	28	28			
MAX:		1.4	1.5	1.4	1.3	1.2	1.2	1.1	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.2	1.2	1.2	1.2			
AVG:		.07	-.02	-.04	-.04	-.01	.01	.03	.08	.07	.06	.05	.05	.06	.07	.07	.07	.07	.06	.06	.03	0.00	.02	.04			

MONTHLY OBSERVATIONS: 629 MONTHLY MEAN: .04 MONTHLY MAX: 1.5

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-051-0010 POC: 1
 COUNTY: (051) Cumberland
 CITY: (22920) Fayetteville
 SITE ADDRESS: 4665 Lakewood Dr
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.0	.1	.1	.2	.2	.1	.1	.1	.2	.2	.1	.1	.3	.3	.2	.3	.3	.2	.3	.2	.2	.2	.2	.2	23	.3
2	BF	.4	.4	.3	.3	.3	.3	.4	.3	.5	.7	.9	.7	.8	.7	.7	.7	.6	.6	.4	.4	.4	.4	.4	.5	23	.9
3	BF	.4	.4	.4	.4	.5	.4	.5	.4	.5	.6	.6	.5	.5	.6	.5	.6	.6	.7	.6	.5	.5	.3	.4	23	.7	
4	BF	.4	.5	.7	.7	.7	.7	.8	.8	.7	.9	.8	.6	.6	.6	.7	.7	.7	.6	.8	.7	.8	.8	.9	23	.9	
5	BF	1.0	.9	1.0	1.2	1.2	1.1	1.1	1.2	1.1	1.1	1.1	1.1	1.1	1.3	1.4	1.4	1.2	1.0	1.0	1.1	1.1	1.0	1.1	23	1.4	
6	BF	1.4	1.2	1.2	1.3	1.1	1.3	1.4	1.2	1.3	1.2	1.2	1.1	1.2	1.0	1.0	1.1	1.1	1.1	1.0	.9	1.1	1.0	.9	23	1.4	
7	BF	.9	.9	.8	.8	.8	.7	.7	.7	.6	.6	.7	.6	.6	.6	.6	.6	.6	.5	.7	.5	.5	.5	.6	23	.9	
8	BF	.6	.5	.6	.5	.5	.5	.4	.4	.4	.5	.5	.5	.4	.5	.4	.4	.4	.3	.4	.3	.4	.4	.4	.3	23	.6
9	BF	.3	.3	.2	.2	.3	.3	.2	.2	.3	.4	.4	.3	.3	.3	.2	.3	.3	.2	.2	.3	.2	.2	.2	.2	23	.4
10	BF	.1	.2	.1	.1	.2	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.2	.2	.1	.2	.2	.2	.3	.3	23	.3	
11	BF	.4	.4	.4	.4	.4	.4	.4	.5	.7	.7	.7	.6	.6	.6	.6	.7	.7	.6	.6	.7	.7	.7	.7	23	.7	
12	BF	.7	.7	.7	.7	.7	.6	.7	.7	.8	.9	1.0	.9	.9	.8	.9	.8	.8	.8	.8	.9	1.0	1.1	1.0	23	1.1	
13	BF	.7	.6	.6	.7	.8	.9	.8	1.0	.9	.9	1.0	.8	.9	.9	.9	1.0	1.0	1.1	.9	.8	.9	.8	.8	23	1.1	
14	BF	.9	.9	.8	.9	.8	1.0	1.0	AZ	AZ	AZ	AZ	1.2	1.1	1.3	1.1	1.2	1.2	1.0	1.2	1.0	.8	.8	.7	19	1.3	
15	BF	.7	.7	.8	.7	.7	.8	.8	.9	1.0	1.3	1.4	1.0	.8	.7	.6	.5	.5	.4	.4	.4	.4	.4	.4	23	1.4	
16	BF	.5	.4	.4	.3	.4	.3	.4	.4	.4	.4	.3	.5	.4	.4	.4	.4	.5	.5	.4	.4	.4	.4	.4	.3	23	.5
17	BF	.7	.5	.5	.4	.5	.4	.5	.5	.5	.6	.6	.6	.5	.5	.6	.6	.5	.4	AE	AE	AE	AE	AE	AE	18	.7
18	BF	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
19	BF	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
20	DA	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AS	BC	BC	BC	BC	.2	.2	.2	.2	.2	.1	.0	.0	8	.2	
21	BF	.0	.0	-.1	-.3	-.3	-.2	-.1	.2	.4	.6	.7	.6	.1	.1	.2	.5	.4	.1	.0	.0	-.1	.0	.0	23	.7	
22	BF	.1	.0	.1	.0	-.1	.0	.0	.0	.1	.0	.0	-.2	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.5	23	.1	
23	BF	-.3	-.3	-.4	-.2	-.3	-.1	-.1	-.3	-.2	-.2	-.3	-.3	.0	.0	-.1	-.1	-.1	.0	-.1	.0	.1	.3	.3	23	.3	
24	BF	.1	.0	.1	.0	-.1	-.1	-.2	.0	.1	.0	.0	.0	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.3	-.3	-.3	-.3	23	.1	
25	BF	-.1	-.2	-.3	-.2	-.2	-.1	-.1	-.2	.0	.2	.0	.1	.2	.5	.6	.8	.7	.6	.3	.1	-.1	-.2	-.3	23	.8	
26	BF	-.3	-.4	-.4	-.4	-.4	-.3	-.2	-.4	-.1	.4	.6	.1	.1	.3	.1	.1	.0	.0	-.1	-.2	-.2	-.4	-.4	23	.6	
27	BF	-.6	-.6	-.5	-.6	-.5	-.5	-.4	-.5	-.4	-.3	-.1	.3	.7	.0	-.2	-.3	-.4	-.4	-.4	-.4	-.5	-.5	-.5	23	.7	
28	BF	-.5	-.6	-.5	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.4	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.7	23	-.4	
29	BF	-.7	-.6	-.6	-.8	-.7	-.7	-.7	-.7	-.6	-.5	-.3	-.2	-.3	-.3	-.3	-.4	-.3	-.4	-.5	-.5	-.4	-.3	-.4	23	-.2	
30	BF	-.5	-.6	-.5	-.5	-.5	-.5	-.4	-.1	-.1	-.1	-.3	-.4	-.3	-.3	-.4	-.5	-.3	-.3	-.3	-.4	-.4	-.6	-.6	23	-.1	
31	BF	-.5	-.5	-.7	-.7	-.6	-.6	-.5	-.6	-.1	.2	.1	.0	.0	-.2	-.3	-.3	-.2	-.2	-.2	-.2	.0	-.2	-.1	23	.2	
NO.:		28	28	28	28	28	28	28	27	27	27	27	28	28	28	28	29	29	29	28	28	28	28	28			
MAX:		1.4	1.2	1.2	1.3	1.2	1.3	1.4	1.2	1.3	1.3	1.4	1.2	1.2	1.3	1.4	1.4	1.2	1.1	1.2	1.1	1.1	1.1	1.1			
AVG:		.24	.21	.21	.20	.21	.22	.25	.23	.32	.40	.41	.38	.39	.38	.34	.36	.35	.30	.27	.24	.24	.21	.21			

MONTHLY OBSERVATIONS: 643 MONTHLY MEAN: .29 MONTHLY MAX: 1.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-051-0010 POC: 1
 COUNTY: (051) Cumberland
 CITY: (22920) Fayetteville
 SITE ADDRESS: 4665 Lakewood Dr
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.2	-.1	-.3	-.3	-.4	-.4	-.3	-.1	-.2	-.3	-.3	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.8	-.8	23	-.1
2	BF	-.9	-1.0	-1.0	-1.0	-.9	-1.0	-.9	-.9	-.9	-.8	-.9	-.9	-.7	-.8	-.7	-.8	-.8	-.7	-.8	-.7	-.8	-.9	-.9	23	-.7
3	BF	-.8	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-1.1	-1.0	-1.0	-1.0	-1.0	-1.1	-1.0	-1.1	-1.1	-1.1	-1.2	-1.1	23	-.8
4	BF	-1.1	-1.1	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.3	-1.2	-1.1	-1.0	-1.1	-1.1	-1.1	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.2	-1.1	23	-1.0
5	BF	-1.0	-1.1	-1.1	-1.0	-.9	-.9	-.9	-.7	-.5	-.3	-.4	-.6	-.7	-.7	-.6	-.6	-.6	-.5	-.4	-.5	-.5	-.7	-.7	23	-.3
6	BF	-.6	-.7	-.7	-.7	-.6	-.6	-.6	-.4	-.1	-.1	-.1	-.2	-.4	-.3	-.4	-.3	-.3	-.3	-.3	-.2	-.2	-.4	-.4	23	-.1
7	BF	-.4	-.5	-.4	-.5	-.4	-.4	-.5	-.5	-.6	-.4	-.4	-.4	-.2	-.4	-.4	-.2	-.0	-.1	-.0	-.1	-.0	-.1	-.0	23	.1
8	BF	-.1	-.1	-.1	-.2	-.5	-.4	-.5	-.1	.1	.2	.1	.3	.0	-.2	.0	-.1	-.3	-.5	-.6	-.7	-.7	-.7	-.7	23	.3
9	BF	-.6	-.7	-.6	-.7	-.6	-.7	-.7	-.6	-.6	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.4	-.3	-.3	-.4	-.5	23	-.3
10	BF	-.4	-.2	-.3	-.2	-.2	-.4	-.3	-.2	.0	.0	.3	-.1	-.2	-.4	-.3	-.3	-.2	-.3	-.4	-.2	-.3	-.3	-.3	23	.3
11	BF	-.2	-.4	-.3	-.4	-.3	-.2	-.2	.0	.1	.2	.1	.1	BA	BA	.0	.0	.2	.2	.0	AE	AE	AE	AE	17	.2
12	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
13	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
14	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
15	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
16	BF	-.2	-.2	-.3	-.3	-.4	-.4	-.5	-.5	-.4	BA	-.4	-.5	-.5	-.4	-.4	-.4	-.6	-.5	-.4	-.4	-.5	-.4	-.5	22	-.2
17	BF	-.5	-.5	-.5	-.6	-.4	-.4	-.3	-.3	-.3	-.2	.0	-.1	-.2	-.2	-.4	-.3	-.4	-.3	-.3	-.3	-.3	-.2	-.2	23	0.0
18	BF	-.3	-.4	-.4	-.2	.0	.0	.0	.0	.4	.1	.1	.1	.0	-.1	.0	.0	.0	-.1	-.1	-.2	-.2	-.3	-.3	23	.4
19	BF	-.3	-.3	-.3	-.2	-.3	-.3	.0	.5	.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.1	.0	.0	-.1	-.2	23	.5
20	BF	-.1	-.2	-.1	-.1	.4	-.1	-.1	.1	.3	.3	.0	-.1	-.1	.1	-.1	-.1	-.2	-.2	-.2	-.3	-.2	-.3	-.5	23	.4
21	BF	-.5	-.6	-.5	-.6	-.5	-.5	-.5	-.3	-.4	-.4	-.3	-.3	-.2	-.4	-.6	-.5	-.5	-.5	-.5	-.4	-.3	-.4	-.4	23	-.2
22	BF	-.5	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.6	-.7	-.7	-.7	-.8	-.8	-.7	-.8	-.8	-.7	-.8	-.8	-.8	-.7	-.7	23	-.5
23	BF	-.7	-.8	-.7	-.8	-.8	-.8	-.8	-.8	-.7	-.8	-.7	-.8	-.7	-.7	-.8	-.7	-.8	-.8	-.7	-.8	-.8	-.9	-.9	23	-.7
24	BF	-.9	-.9	-.9	-.8	-.9	-.8	-.8	-.9	-.9	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	-.9	-1.0	-.9	-1.0	23	-.8
25	BF	-.8	-.8	-.8	-.7	-.8	-.8	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.7	-.7	-.6	-.5	-.5	-.4	-.5	23	-.4
26	BF	-.5	-.6	-.5	-.5	-.5	-.6	-.5	-.5	-.4	-.5	-.4	-.2	-.4	-.6	-.5	-.5	-.4	-.4	-.4	-.3	-.4	-.4	-.4	23	-.2
27	BF	-.3	-.5	-.4	-.4	-.4	-.5	-.4	.0	.0	-.2	.0	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.3	-.4	-.3	-.2	-.4	23	0.0
28	BF	-.2	-.3	-.4	-.4	-.5	-.4	-.4	.0	.0	.0	.0	-.1	-.2	-.1	-.2	-.1	-.1	.0	-.2	-.2	-.1	-.2	.1	23	.1
29	BF	.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.4	-.5	-.5	23	.1
30																									0	
31																									0	
NO.:		25	25	25	25	25	25	25	25	25	24	25	26	25	25	26	26	26	26	26	25	25	25	25		
MAX:		.1	0.0	0.0	0.0	.4	0.0	0.0	.5	.4	.3	.3	.3	0.0	.1	0.0	0.0	.2	.2	0.0	.1	0.0	-.1	.1		
AVG:		-.48	-.54	-.53	-.54	-.51	-.55	-.51	-.39	-.34	-.34	-.33	-.37	-.43	-.46	-.44	-.42	-.43	-.43	-.45	-.46	-.46	-.51	-.52		

MONTHLY OBSERVATIONS: 580 MONTHLY MEAN: -.45 MONTHLY MAX: .5

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-051-0010 POC: 1
 COUNTY: (051) Cumberland
 CITY: (22920) Fayetteville
 SITE ADDRESS: 4665 Lakewood Dr
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	-5	-6	-7	-6	-6	-5	-5	-4	.1	.0	.2	-.3	-.3	-.2	-.2	-.4	-.4	-.4	-.5	-.5	-.4	-.3	-.3	23	.2	
2	BF	-.2	-.5	-.6	-.7	-.7	-.7	-.6	-.6	-.6	-.8	-.7	-.8	-.7	-.7	-.6	-.6	-.5	-.5	-.5	-.6	-.5	-.6	-.4	23	-.2	
3	BF	-.3	-.3	-.4	-.4	-.2	-.1	.0	-.2	-.1	-.2	-.3	-.1	-.2	-.3	-.3	-.2	-.1	-.3	-.4	-.5	-.5	-.5	-.6	23	0.0	
4	BF	-.4	-.5	-.6	-.5	-.6	-.5	-.6	-.5	-.6	-.5	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.5	23	-.4	
5	BF	-.5	-.6	-.5	-.5	-.5	-.5	-.6	.1	.6	.4	.2	.1	.0	.0	-.1	-.1	-.2	-.3	-.3	-.3	-.3	-.2	-.4	23	.6	
6	BF	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.5	-.3	-.3	-.4	-.5	-.5	-.5	-.4	-.4	-.5	-.5	-.4	-.5	-.4	-.5	-.6	23	-.3	
7	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.1	-.3	-.3	-.3	-.2	-.3	.2	.1	.0	-.1	-.1	-.2	-.3	-.5	23	.2	
8	BF	-.4	-.3	-.2	-.1	-.4	-.5	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.3	-.2	-.4	-.4	-.5	-.6	-.6	23	-.1	
9	BF	-.3	-.2	-.4	-.6	-.6	-.5	-.6	-.4	-.2	-.5	-.7	-.7	-.7	-.8	-.7	-.3	-.5	-.6	-.6	-.7	-.7	-.8	-.8	23	-.2	
10	BF	-.8	-.8	-.8	-.8	-.9	-.9	-.6	.0	-.4	BA	BA	-.8	-.9	-.7	-.6	-.7	-.6	-.8	-.8	-.9	-.9	-1.0	-.8	21	0.0	
11	BF	-.9	-.8	-.8	-.9	-.9	-.9	-.8	-.7	-.8	-.8	-.9	-.9	-1.0	-.8	-.9	-.9	-1.1	-1.0	-.9	-.9	-1.0	-.8	-.8	23	-.7	
12	BF	-.9	-.9	-.9	-.8	-1.0	-1.0	-.9	-.9	-.8	-.6	-.7	-.7	-.9	-1.0	-1.1	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	23	-.6	
13	BF	-1.0	-1.2	-1.1	-1.1	-1.1	-1.2	-1.2	-1.1	-1.0	-.9	-.8	-.9	-1.1	-.7	-.8	-1.0	-1.0	-.9	-1.2	-1.2	-1.2	-1.2	-1.1	23	-.7	
14	BF	-1.0	-1.0	-1.1	-1.2	-1.3	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-1.2	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.2	-1.1	23	-1.0	
15	BF	-1.1	-1.2	-1.2	-1.2	-1.2	-1.2	-1.1	-.6	-.7	-1.0	-1.1	-1.0	-1.0	-1.0	-1.0	-1.1	-.9	-.9	-1.0	-1.0	-1.0	-1.1	-1.0	23	-.6	
16	BF	-1.0	-1.0	-1.0	-.8	-.7	-.8	-.6	-.7	-.8	-.7	-.8	-.8	-.7	-.8	-.7	-.7	-.8	-.8	-.7	-.8	-.8	-.8	-.8	23	-.6	
17	BF	-.9	-1.0	-.9	-1.0	-.9	-.8	-.8	-.6	-.5	-.4	-.3	-.4	-.6	-.5	-.7	-.6	-.7	-.6	-.4	-.6	-.7	-.6	-.7	23	-.3	
18	BF	-.6	-.5	-.4	-.5	-.5	-.4	-.3	-.3	-.4	-.4	-.5	-.5	-.4	-.4	-.3	-.4	-.4	-.4	-.2	-.4	-.3	-.5	-.6	23	-.2	
19	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.5	-.3	.0	.3	.1	-.2	-.4	-.5	-.5	-.7	-.7	-.6	-.6	-.7	-.7	-.8	-.7	23	.3	
20	BF	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.9	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.9	-.9	-.8	-.8	-.8	-.8	23	-.7	
21	BF	-.8	-.8	-.7	-.6	-.7	-.4	-.2	-.2	-.4	-.4	-.3	-.3	-.3	-.2	-.3	-.4	-.4	-.4	-.3	-.2	-.2	-.1	-.1	23	-.1	
22	BF	-.5	-.6	-.6	-.5	-.5	-.5	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.2	.0	-.1	-.2	-.3	-.3	-.3	-.4	-.2	23	0.0	
23	BF	.0	.0	-.1	-.2	-.2	-.3	-.1	.1	.1	.2	.0	-.1	-.1	-.1	-.2	-.2	-.3	-.3	-.2	-.1	-.1	-.3	-.4	23	.2	
24	BF	-.4	-.6	-.6	-.6	-.6	-.6	-.5	-.4	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	8	-.4	
25	BF	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0		
26	BF	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0		
27	BF	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0		
28	BF	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0		
29	BF	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0		
30	BF	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0		
31	BF	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0		
NO.:		24	24	24	24	24	24	24	24	23	22	22	23	23	23	23	23	23	23	23	23	23	23	23	23		
MAX:		0.0	0.0	-.1	-.1	-.2	-.1	0.0	.1	.6	.4	.2	.1	0.0	0.0	-.1	.2	.1	0.0	-.1	-.1	-.1	-.1	-.1			
AVG:		-.62	-.66	-.68	-.68	-.70	-.67	-.59	-.47	-.42	-.44	-.48	-.55	-.58	-.54	-.56	-.53	-.56	-.57	-.57	-.61	-.61	-.65	-.65			

MONTHLY OBSERVATIONS: 535 MONTHLY MEAN: -.58 MONTHLY MAX: .6

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-051-0010 POC: 1
 COUNTY: (051) Cumberland
 CITY: (22920) Fayetteville
 SITE ADDRESS: 4665 Lakewood Dr
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
2	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
3	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
4	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
5	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
6	AK	AK	AK	AK	AK	AK	AK	AZ	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
7	AK	AK	AK	AK	AK	AK	BA	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0	
8	BF	AK	AK	AK	AK	AK	AK	AK	BC	BC	.7	.3	.1	.1	.1	.1	.1	.1	.0	.1	.1	.2	.1	.2	.1	14	.7
9	BF	.5	.2	.1	.1	.1	.1	.2	.2	.2	.1	.2	.2	.2	.3	.2	.2	.3	.3	.2	.2	.2	.2	.3	23	.5	
10	BF	.7	.3	.6	.8	AE	AE	AE	.5	.4	.4	.4	.4	.4	.5	.5	.4	.4	.5	.5	.5	.5	.4	.4	20	.8	
11	BF	.6	.3	.3	.3	.3	.4	.4	.4	.3	.2	.3	.2	.2	.2	.1	.1	.2	.1	.1	.1	.0	.0	.0	23	.6	
12	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1	.0	-1	-1	-2	-2	-1	-1	-2	-2	-2	23	.2	
13	BF	.0	-1	-1	.0	-1	.0	.0	.0	.1	.0	.2	.2	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0	23	.2
14	BF	.2	.0	.0	.0	.0	.0	.1	.1	.1	.2	.3	.2	.2	.2	.3	.2	.2	.2	.2	.1	.1	.3	.2	.2	23	.3
15	BF	.3	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.2	.1	.2	.2	.1	23	.3	
16	BF	.4	.1	.2	.1	.1	.1	.2	.2	.2	.2	.1	.2	.1	.2	.2	.3	.3	.3	.3	.3	.3	.2	.2	.2	23	.4
17	BF	.5	.3	.1	.1	.1	.2	.2	.2	.2	.3	.3	.3	.2	.3	.3	.2	.3	.3	.4	.5	.4	.3	.2	23	.5	
18	BF	.5	.3	.2	.3	.2	.3	.4	.4	.5	.7	.4	.5	.4	.3	.3	.3	.2	.3	.5	.4	.4	.3	.2	23	.7	
19	BF	.6	.5	.4	.4	.4	.4	.4	.4	.4	.6	.7	.7	.6	.6	.5	.6	.6	.6	.8	.5	.4	.5	.5	23	.8	
20	BF	.5	.3	.3	.3	.3	.2	.3	.3	.2	.2	.3	.2	.3	.3	.3	.3	.2	.2	.2	.1	.2	.2	.3	23	.5	
21	BF	.6	.4	.3	.2	.2	.2	.2	.5	.9	.7	.3	.2	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.9	
22	BF	.1	.0	-1	-1	.0	.0	.0	.0	.0	.0	.0	-1	-1	-1	-1	-1	-1	.0	-1	-2	-1	-1	-2	23	.1	
23	BF	.0	-2	-1	-1	-2	-1	-1	-1	-1	-2	-1	.0	.0	-1	-1	.0	-1	.0	.0	.0	-1	-1	.0	23	0.0	
24	BF	.0	.0	.0	-1	-1	.0	.0	.0	.0	.1	.0	.1	.0	.1	.1	.0	.2	.1	.1	.2	1.4	.3	.1	23	1.4	
25	BF	.2	.0	.0	.0	.0	.0	.0	.1	.2	.5	.4	.2	.2	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	23	.5	
26	BF	.1	.0	.0	.0	-1	.1	.4	.3	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4	
27	BF	.2	.2	.2	.2	.2	.2	.2	.3	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	23	.4	
28	BF	.3	.2	.1	.1	.0	.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	-1	-1	-1	.0	.0	-1	-2	-1	23	.3	
29	BF	.0	-2	-2	-2	-2	-2	-1	-2	-1	-1	.0	.0	.0	.0	.1	.1	.1	.0	-1	.0	.0	.0	.0	23	.1	
30	BF	.0	.0	-1	.0	.0	.0	.0	-1	-1	.0	.0	.0	.0	.0	.0	.0	.0	-1	.0	.0	-1	-2	-1	23	0.0	
31																										0	
NO.:	22	22	22	22	21	21	21	22	22	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23		
MAX:	.7	.5	.6	.8	.4	.4	.4	.4	.5	.9	.7	.7	.7	.6	.6	.5	.6	.6	.6	.8	.5	1.4	.5	.5			
AVG:	.30	.12	.10	.11	.06	.10	.14	.17	.19	.23	.20	.18	.15	.14	.13	.12	.12	.13	.14	.13	.13	.17	.10	.09			

MONTHLY OBSERVATIONS: 517 MONTHLY MEAN: .15 MONTHLY MAX: 1.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-051-0010 POC: 1
 COUNTY: (051) Cumberland
 CITY: (22920) Fayetteville
 SITE ADDRESS: 4665 Lakewood Dr
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.1	23	0.0
2	BF	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	.0	.0	.0	-.1	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.3	-.3	-.3	23	0.0
3	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.2	-.1	23	-.1
4	BF	-.1	-.2	-.2	-.2	-.2	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0
5	BF	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	BA	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	0.0
6	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
7	BF	.1	.0	.0	.2	.1	.2	.2	.2	.4	.5	.2	.2	.2	.3	.2	.2	.1	.1	.2	.1	.1	.1	.1	23	.5
8	BF	.4	.1	.1	1.3	.9	.3	.3	.3	.2	.2	.1	.0	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	23	1.3
9	BF	.1	.0	.0	.0	.0	.2	.2	.1	.3	.4	.5	.4	.4	.5	.3	.1	.2	.2	.2	.2	.0	.0	.0	23	.5
10	BF	.3	.1	.1	.0	.0	.0	.2	.6	.7	.1	.1	.0	.0	.0	.3	.1	.2	.0	.0	.0	.0	.0	.0	23	.7
11	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.2	-.1	-.2	-.1	23	.1
12	BF	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	.2	.2	.1	.0	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	23	.2
13	BF	.0	-.1	-.2	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.1	-.2	-.2	23	0.0
14	BF	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	.3	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
15	BF	.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.2	.3	.2	.2	.1	.0	.0	.1	.0	.1	23	.3
16	BF	.3	.1	.1	.0	.1	.2	.2	.6	.1	.1	.1	.1	.2	.1	.2	.2	.1	.2	.2	.2	.2	.2	.1	23	.6
17	BF	.5	.3	.3	.5	.4	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	23	.5
18	BF	.0	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.3	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
19	BF	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	23	0.0
20	BF	.1	.1	.0	.0	.0	.1	.0	.2	.1	.1	.2	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	23	.2
21	BF	.0	.0	-.2	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.1	-.2	.0	-.1	-.1	-.1	-.2	23	0.0
22	BF	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	23	0.0
23	BF	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
24	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	23	.2
25	BF	.1	.0	.0	.0	.0	.1	.2	.3	.3	.1	.0	.0	.0	.0	.0	.1	.0	.0	.3	.1	.0	.1	.0	23	.3
26	BF	.1	.0	.0	.0	.0	.0	.3	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.3
27	BF	.1	.0	.0	.0	.0	.1	.2	.4	.4	.2	.0	.0	.0	.0	-.1	.0	-.2	-.1	.0	.1	.0	.2	.0	23	.4
28	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	.0	-.1	.0	-.1	.0	-.1	.0	-.1	.0	23	0.0
29	BF	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.4	-.1	-.2	-.3	-.2	-.4	-.3	-.3	-.6	-.5	-.3	23	0.0
30	BF	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.5	-.5	-.6	-.6	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.3	-.3	23	-.1
31	BF	-.4	-.4	-.4	-.2	-.2	-.3	-.4	-.4	-.4	-.3	-.3	-.5	-.9	-.8	-.9	-.8	-.6	-.4	-.2	-.2	-.3	-.5	-.8	23	-.2
NO.:		31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31		
MAX:		.5	.3	.3	1.3	.9	.3	.3	.6	.7	.5	.5	.4	.4	.5	.3	.2	.2	.2	.3	.2	.2	.2	.2		
AVG:		.05	-.04	-.06	-.01	-.02	-.02	0.00	.04	.05	.01	-.01	-.05	-.07	-.06	-.06	-.06	-.06	-.06	-.07	-.04	-.05	-.08	-.08		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: -.03 MONTHLY MAX: 1.3

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	1.0 2	.7 2	.9 2	.7 2	.8 2	.8 2	.6 2	.6 2	.7 2	.7 2	.8 2	.7 2	.6 2	.8 2	.7 2	.7 2	.6 2	.6 2	.5 2	.7 2	.6 2	.7 2	.7 2	23	1.0	
2	BF	.7 2	.7 2	.6 2	.6 2	.6 2	.6 2	.5 2	.6 2	.8 2	.9 2	.9 2	.9 2	.9 2	.8 2	.7 2	.8 2	.6 2	.6 2	.5 2	.6 2	.6 2	.5 2	.6 2	.6 2	23	.9
3	BF	.6 2	.3 2	.4 2	.5 2	.5 2	.4 2	.3 2	.5 2	.5 2	.7 2	.6 2	.5 2	.5 2	.5 2	.6 2	.8 2	.5 2	.5 2	.5 2	.5 2	.5 2	.5 2	.5 2	.5 2	23	.8
4	BF	1.1 2	1.0 2	.8 2	.8 2	.7 2	.6 2	.5 2	1.0 2	1.2 2	.7 2	.6 2	.5 2	.5 2	.8 2	.5 2	.6 2	.5 2	1.5 2	.7 2	.7 2	.7 2	.9 2	.7 2	.7 2	23	1.5
5	BF	1.4 2	1.3 2	1.0 2	.8 2	.8 2	.8 2	.8 2	.7 2	.8 2	1.1 2	BA	.8 2	.4 2	.5 2	.4 2	.4 2	.5 2	.7 2	.6 2	.4 2	.4 2	.4 2	.4 2	.5 2	22	1.4
6	BF	.5 2	.5 2	.6 2	.7 2	.7 2	.6 2	.7 2	.8 2	.9 2	.7 2	.6 2	.5 2	.6 2	.5 2	.6 2	.5 2	.6 2	.5 2	.5 2	.5 2	.5 2	.5 2	.4 2	.5 2	23	.9
7	BF	.6 2	.5 2	.5 2	.4 2	.4 2	.3 2	.4 2	.3 2	.5 2	.4 2	.3 2	.4 2	.4 2	.4 2	.3 2	.4 2	.3 2	.4 2	.4 2	.3 2	.4 2	.3 2	.4 2	.3 2	23	.6
8	BF	.4 2	.4 2	.4 2	.3 2	.4 2	.3 2	.4 2	.3 2	.4 2	.4 2	.3 2	.4 2	.4 2	.3 2	.4 2	.3 2	.4 2	.4 2	.4 2	.3 2	.3 2	.3 2	.4 2	.4 2	23	.4
9	BF	.4 2	.4 2	.3 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.5 2	.5 2	.3 2	.4 2	.3 2	.4 2	.4 2	.4 2	23	.5
10	BF	.3 2	.4 2	.4 2	.4 2	.4 2	.4 2	.4 2	.5 2	.6 2	.5 2	.5 2	.5 2	.4 2	.5 2	.5 2	.5 2	.5 2	.5 2	.5 2	.4 2	.4 2	.6 2	.5 2	.5 2	23	.6
11	BF	.6 2	.5 2	.5 2	.4 2	.4 2	.5 2	.5 2	.5 2	.5 2	.6 2	.5 2	.5 2	.6 2	1.1 2	1.0 2	.6 2	.5 2	.6 2	.6 2	.7 2	.7 2	.6 2	.7 2	.7 2	23	1.1
12	BF	.7 2	.6 2	.5 2	.5 2	.4 2	.5 2	.5 2	.6 2	.6 2	.7 2	.6 2	.6 2	.5 2	.5 2	.6 2	.4 2	.4 2	.3 2	.4 2	.9 2	.9 2	.5 2	.5 2	.5 2	23	.9
13	BF	.5 2	.4 2	.4 2	.4 2	.4 2	.4 2	.5 2	.5 2	.5 2	.6 2	.4 2	.5 2	.4 2	.4 2	.6 2	.7 2	.8 2	.8 2	.8 2	.8 2	.9 2	.7 2	.6 2	.6 2	23	.9
14	BF	.6 2	.3 2	.4 2	.4 2	.4 2	.4 2	.5 2	1.2 2	1.3 2	1.0 2	1.0 2	1.1 2	1.3 2	1.2 2	1.0 2	.9 2	.7 2	.7 2	.7 2	.6 2	.6 2	.5 2	.5 2	.5 2	23	1.3
15	BF	.4 2	.4 2	.4 2	.3 2	.4 2	.4 2	.6 2	.6 2	.7 2	.8 2	.8 2	.8 2	.6 2	.4 2	.3 2	.3 2	.3 2	.3 2	.2 2	.3 2	.4 2	.3 2	.3 2	.3 2	23	.8
16	BF	.3 2	.3 2	.3 2	.2 2	.3 2	.3 2	.3 2	.3 2	.4 2	1.0 2	.6 2	.4 2	.4 2	.4 2	.4 2	.5 2	.6 2	.6 2	.5 2	.4 2	.6 2	.9 2	1.0 2	1.0 2	23	1.0
17	BF	1.5 2	2.2 2	1.8 2	.5 2	.5 2	.5 2	.5 2	1.7 2	.7 2	.9 2	.5 2	.5 2	.5 2	.8 2	1.9 2	.9 2	.5 2	.4 2	.5 2	.4 2	.4 2	.4 2	.4 2	.4 2	23	2.2
18	BF	.5 2	.4 2	.5 2	.4 2	.4 2	.6 2	.6 2	.6 2	.6 2	.5 2	.5 2	.5 2	.5 2	.5 2	.4 2	.5 2	.4 2	.5 2	.5 2	.6 2	.4 2	.5 2	.7 2	.7 2	23	.7
19	BF	.6 2	.5 2	.5 2	.5 2	.5 2	.4 2	.5 2	.6 2	.7 2	.8 2	.7 2	.7 2	.9 2	.9 2	.8 2	.8 2	.9 2	.9 2	.8 2	.8 2	.7 2	.6 2	.7 2	.7 2	23	.9
20	BF	.5 2	.4 2	.5 2	.5 2	.5 2	.4 2	.6 2	.7 2	2.1 2	2.3 2	2.1 2	2.0 2	1.4 2	1.2 2	1.1 2	1.0 2	1.1 2	.8 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	23	2.3
21	BF	.4 2	.4 2	.3 2	.5 2	.5 2	.6 2	.7 2	.7 2	1.4 2	2.4 2	1.7 2	.6 2	.6 2	.6 2	.7 2	.7 2	.7 2	.7 2	.7 2	.7 2	.6 2	.5 2	.4 2	.4 2	23	2.4
22	BF	.6 2	.6 2	1.3 2	1.4 2	1.5 2	1.6 2	2.2 2	1.6 2	1.3 2	1.3 2	1.2 2	1.1 2	1.0 2	.8 2	.6 2	.5 2	.5 2	.5 2	.4 2	.4 2	.7 2	1.0 2	.8 2	.8 2	23	2.2
23	BF	.8 2	.8 2	.8 2	1.0 2	.5 2	.4 2	.9 2	.6 2	.6 2	.7 2	.5 2	.5 2	.4 2	.5 2	.6 2	.7 2	1.0 2	1.1 2	1.0 2	.9 2	1.1 2	1.3 2	1.5 2	.7 2	23	1.5
24	BF	1.3 2	.9 2	.7 2	.8 2	.8 2	.7 2	.9 2	.9 2	.9 2	.8 2	1.1 2	1.4 2	1.3 2	1.1 2	.7 2	.6 2	.7 2	.8 2	.6 2	.6 2	.5 2	.6 2	.6 2	.6 2	23	1.4
25	BF	.5 2	.5 2	.4 2	.4 2	.5 2	.5 2	.6 2	.6 2	.8 2	1.4 2	1.1 2	.7 2	.8 2	.5 2	.5 2	BF	.7 2	.9 2	.8 2	.6 2	.6 2	.7 2	.7 2	.7 2	22	1.4
26	BF	.5 2	.3 2	.3 2	.4 2	.4 2	.6 2	.6 2	.6 2	.8 2	.8 2	.9 2	.7 2	.5 2	.6 2	.6 2	.7 2	.8 2	.7 2	.9 2	.7 2	.7 2	.9 2	.7 2	.7 2	23	.9
27	BF	.6 2	.5 2	.5 2	.5 2	.5 2	.6 2	.6 2	.7 2	2.1 2	1.5 2	1.4 2	1.8 2	.9 2	.6 2	.7 2	.6 2	.6 2	.6 2	.7 2	.7 2	.6 2	.6 2	.5 2	.5 2	23	2.1
28	BF	.5 2	.3 2	.5 2	.4 2	.4 2	.4 2	AZ	AZ	AZ	.6 2	.6 2	.7 2	.7 2	.5 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	20	.7
29	BF	.4 2	.4 2	.5 2	.4 2	.4 2	.6 2	.6 2	.6 2	1.0 2	.8 2	.6 2	.6 2	.4 2	.5 2	.4 2	.4 2	.4 2	.6 2	.5 2	.5 2	.5 2	.6 2	.6 2	.6 2	23	1.0
30	BF	.5 2	.4 2	.3 2	.4 2	.4 2	.5 2	.5 2	.7 2	.7 2	.7 2	.5 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.6 2	.7 2	.7 2	.7 2	.6 2	.6 2	.5 2	23	.7
31	BF	.5 2	.4 2	.4 2	.4 2	.3 2	.4 2	.4 2	.5 2	.7 2	.9 2	.9 2	.9 2	.9 2	.8 2	.8 2	.8 2	.9 2	.8 2	.8 2	.8 2	.7 2	.6 2	.7 2	.7 2	23	.9
NO.:		31	31	31	31	31	31	30	30	30	31	30	31	31	31	30	31	31	31	31	31	31	31	31	31		
MAX:		1.5	2.2	1.8	1.4	1.5	1.6	2.2	1.7	2.1	2.4	2.1	2.0	1.4	1.2	1.9	1.0	1.1	1.5	1.0	.9	1.1	1.3	1.5	1.5		
AVG:		.64	.57	.57	.53	.52	.53	.60	.68	.84	.89	.77	.74	.65	.65	.65	.61	.60	.65	.59	.58	.59	.60	.60	.60		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .64 MONTHLY MAX: 2.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.7	.8	.7	.6	.7	.6	.7	.7	.9	.8	.6	.6	.6	.6	.5	.6	.8	.7	.7	.5	.5	.5	.5	23	.9	
2	BF	.6	.5	.6	.8	.9	.9	.9	1.0	1.0	.9	BC	BC	BC	BC	.2	.2	.2	.1	.1	.0	.1	.0	.0	.0	19	1.0
3	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.1	.0	-1.1	.0	.0	.0	.0	.0	.0	.0	23	0.0
4	BF	.0	.0	.0	.0	.0	.0	.0	.0	.3	.3	.3	.8	.4	.6	.8	.8	.6	.2	.1	.1	.2	.1	.1	.1	23	.8
5	BF	.1	.3	.4	.1	.2	.1	.2	.4	.6	.4	.4	.3	.3	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	23	.6
6	BF	.0	.0	.0	.0	.0	.0	.0	.1	.3	.7	.6	.3	.3	.4	.4	.2	.2	.1	.1	.3	.4	.2	.0	.0	23	.7
7	BF	.2	.1	.1	.2	.2	.1	.2	.2	1.0	1.3	.7	.8	.4	.5	.5	.4	.7	.6	1.0	1.0	.7	.6	.6	.6	23	1.3
8	BF	1.4	1.5	1.9	1.1	.2	.0	.1	.4	.4	.7	.8	.7	.7	.5	.4	.3	.0	-1.1	-1.1	-1.1	-1.1	-2.2	-2.2	23	1.9	
9	BF	-1.1	-1.1	-2.2	-2.2	-1.1	-1.1	.0	.0	.1	.1	.1	.5	.0	-1.1	.0	-1.1	.2	.0	.2	.0	.0	.0	.0	-1.1	23	.5
10	BF	.0	.0	.0	.0	.0	.0	.1	.3	.0	.0	.2	.2	.0	.0	.2	.0	.2	.0	-1.1	.0	-1.1	.0	-1.1	.0	23	.3
11	BF	-1.1	-1.1	.0	-1.1	-1.1	-1.1	.0	.1	.2	.3	.1	.2	.6	.7	.2	.0	.1	.0	.0	.4	.1	.5	.2	.2	23	.7
12	BF	.2	.5	.3	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.1	.1	23	.5
13	BF	-1.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.1	-1.1	.0	.1	.1	.0	.2	.2	.2	23	.2
14	BF	.3	.3	.7	3.9	.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1.1	-1.1	.0	.0	23	3.9
15	BF	.0	-1.1	-1.1	.0	.0	.0	.0	-1.1	-1.1	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-2.2	-3.3	-2.2	-2.2	-3.3	-2.2	-2.2	.0	23	0.0
16	BF	-2.2	-2.2	-3.3	-2.2	-2.2	-2.2	-2.2	-3.3	-2.2	-1.1	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	-1.1	-1.1	.0	23	.1
17	BF	.0	-1.1	.0	-1.1	-1.1	-1.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.0	.0	.0	.0	.0	23	.2
18	BF	.0	.9	.8	1.6	3.4	1.5	.9	1.4	1.2	.2	.4	.7	BA	.0	.0	.2	.7	.8	.4	AE	AE	AE	AE	.0	18	3.4
19	AE	AE	AE	AE	AE	AE	AE	AE	AE	.2	.2	.2	.1	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	15	.2
20	BF	.1	.1	.1	.0	.0	.0	-1.1	.1	.0	.0	.1	.1	.1	.2	.2	.1	.3	.3	.6	.4	.2	.2	.1	.1	23	.6
21	BF	.1	.0	.0	.0	.0	.0	.0	.0	.1	.4	.4	.2	.2	.1	.1	.3	.1	.1	.1	.3	.2	.1	.0	.0	23	.4
22	BF	.1	.0	.0	.1	.0	.0	.1	.1	.1	.2	.1	.1	.3	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	23	.3
23	BF	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.1
24	BF	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.1	.1	.1	23	.2
25	BF	.1	.3	.3	.1	.1	.3	.4	.3	.2	.2	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	23	.4
26	BF	.1	.0	.0	.0	.0	.1	.2	.1	.2	.2	.1	.1	.2	.1	.1	.2	.1	.2	.3	2.6	1.8	1.9	.8	.0	23	2.6
27	BF	.4	.4	.1	.0	.1	.1	.2	.4	.3	.4	.4	.4	.3	.2	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	23	.4
28	BF	.1	.0	.0	.0	.0	.1	.1	.5	1.4	.9	.7	.4	.3	.3	.2	.1	.2	.2	.2	.3	.5	.4	.3	.3	23	1.4
29	BF	.4	.3	.4	.3	.4	.7	.6	.5	.4	.4	.3	.3	.5	.3	.3	.2	.2	.1	.3	.4	.5	.3	.1	.1	23	.7
30																										0	
31																										0	
NO.:	28	28	28	28	28	28	28	28	28	29	29	28	28	27	28	29	29	29	29	29	28	28	28	28	28		
MAX:	1.4	1.5	1.9	3.9	3.4	1.5	.9	1.4	1.4	1.3	.8	.8	.8	.7	.7	.8	.8	.7	.8	1.0	2.6	1.8	1.9	.8	.8		
AVG:	.16	.20	.21	.30	.21	.17	.17	.22	.30	.29	.23	.24	.20	.17	.17	.14	.17	.14	.16	.25	.19	.18	.09	.09	.09		

MONTHLY OBSERVATIONS: 650 MONTHLY MEAN: .20 MONTHLY MAX: 3.9

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.1	.0	.0	.1	.0	.1	.2	.5	BA	.4	.3	.3	.3	.1	.1	.2	.3	.3	.4	.4	.4	.4	.6	22	.6	
2	BF	.4	.1	.0	.0	.1	.1	.1	.1	.2	.3	.3	.2	.3	.3	.3	.2	.2	.1	.2	.2	.2	.2	.2	.2	23	.4
3	BF	.4	.2	.1	.0	.2	.4	1.1	.3	.3	.1	.6	.5	.5	.4	.3	.3	.2	.2	.1	.1	.1	.0	.0	23	1.1	
4	BF	.0	.0	.0	.0	.0	1.0	1.3	1.0	1.2	.3	.5	.4	.4	.0	.2	.3	.3	.2	.3	.2	.2	.2	.2	.2	23	1.3
5	BF	.1	.0	.1	.0	.1	.2	.4	.6	.8	.9	.7	.6	.4	.4	.4	.3	.2	.2	.2	.2	.2	.2	.1	23	.9	
6	BF	.2	.0	.0	.0	.0	.1	.0	.1	.3	.1	.2	.3	.1	.2	.2	.2	.3	.1	.2	.2	.2	.1	.1	23	.3	
7	BF	.2	.1	.1	.0	.1	.2	.1	.2	.3	.5	.4	.3	.3	.2	.4	.4	.5	.3	.3	.2	.2	.2	.3	23	.5	
8	BF	.3	.3	.3	.2	.2	.2	.2	.5	.4	.4	.4	.4	.4	.4	.5	.4	.3	.3	.3	.3	.3	.3	.3	23	.5	
9	BF	.1	.1	.1	.1	.2	.4	.3	.5	.5	.5	.5	.3	.3	.2	.3	.2	.1	.3	.3	.3	.3	.3	.4	23	.5	
10	BF	.3	.2	.3	.3	.1	.1	.2	.5	.6	.2	.3	.3	.2	.2	.3	.3	.4	.3	.3	.5	.4	.6	.6	23	.6	
11	BF	.3	.4	.4	.5	.6	.6	.6	.6	.4	.4	.4	.5	.4	.4	.5	.4	.4	.5	.4	.5	.5	.5	.4	23	.6	
12	BF	.4	.5	.4	.4	.3	.4	.4	.4	.4	.6	.5	.5	.4	.4	.6	.5	.5	.5	.5	.5	.4	.4	.3	23	.6	
13	BF	.4	.4	.3	.3	.3	.3	.4	.5	.4	.4	.4	.3	.4	.4	.4	.4	.4	.3	.3	.4	.3	.3	.3	23	.5	
14	BF	.3	.4	.3	.3	.3	.3	.4	.5	.4	.4	.3	.5	.4	.5	.4	.4	.4	.3	.3	.4	.4	.3	.4	23	.5	
15	BF	.5	.6	.4	.4	.4	.4	.4	.3	BA	BA	.5	.4	.3	.4	.3	.4	.5	.4	.4	.5	.5	.5	.4	21	.6	
16	BF	.4	.4	.4	.3	.4	.4	.5	1.0	.7	.7	.8	.7	.7	.7	.6	.5	.4	.6	.6	.5	.4	.5	.4	23	1.0	
17	BF	.4	.3	.4	.3	.6	1.3	2.1	3.1	.7	.5	.6	.6	.7	.5	.5	.5	.5	.6	.6	.5	.5	.4	.5	23	3.1	
18	BF	.5	.4	.4	.4	.5	.6	.6	.7	.6	.5	.6	.6	.6	.6	.4	.4	.5	.5	.4	.4	.6	.4	.3	23	.7	
19	BF	.3	.3	.3	.3	.3	.5	.5	.5	.5	.7	.8	.7	.8	.6	.5	.4	.4	.4	.5	.5	.4	.2	.2	23	.8	
20	BF	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.0	.2	.2	.2	.1	.2	.2	.2	.2	.3	23	.3	
21	BF	.4	.4	.3	.3	.4	.4	.5	.6	.6	.5	1.5	.6	.6	.4	.4	.4	.4	.3	.4	.3	.3	.3	.3	23	1.5	
22	AE	.3	.2	AE	AE	.3	.4	.7	AE	.5	.3	.4	.4	.3	.5	.3	.4	.5	.5	.4	.4	.5	.5	.4	20	.7	
23	AE	.5	.5	AE	AE	.6	.5	.6	.7	.5	.6	.5	AE	.4	.3	.3	.4	.2	.3	.4	.6	.6	.5	.3	20	.7	
24	BF	.5	.4	.3	.3	.1	.3	.3	.4	.4	.4	.4	.3	.4	.4	.3	.3	.1	.2	.3	.2	.2	.2	.2	23	.5	
25	BF	.3	.2	.2	.2	.2	.2	.3	.4	.3	.2	.2	.2	.2	.3	.3	.3	.4	.2	.2	.3	.4	.5	.4	23	.5	
26	BF	.4	.3	.3	.4	.4	.5	.5	.6	.6	.6	.4	.4	.5	.5	.4	.5	.4	.4	.4	.4	.6	.5	.3	23	.6	
27	BF	.3	.2	.3	.4	.3	.2	.3	.3	.2	.3	.2	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	23	.4	
28	BF	.3	.2	.2	.2	.2	.3	.3	.3	.3	.4	.4	.3	.4	.3	.3	.3	.3	.3	.4	.3	.3	.4	.2	23	.4	
29	BF	.3	.3	.2	.3	.3	.3	.4	.3	.6	.6	.6	.6	.4	.4	.4	.3	.4	.4	.3	.4	.3	.3	.2	23	.6	
30	BF	.2	.3	.4	.3	.4	.3	.6	.8	.8	.4	.3	.4	.4	.4	.5	.4	.3	.4	.3	.4	.3	.4	.4	23	.8	
31	BF	.3	.3	.2	.2	.3	.5	.6	.6	.4	.3	.3	.2	.3	.3	.3	.4	.3	.3	.3	.3	.2	.3	.2	23	.6	
NO.:		31	31	29	29	31	31	31	30	29	30	31	30	31	31	31	31	31	31	31	31	31	31	31			
MAX:		.5	.6	.4	.5	.6	1.3	2.1	3.1	1.2	.9	1.5	.7	.8	.7	.6	.5	.5	.6	.6	.6	.6	.6	.6			
AVG:		.31	.26	.24	.23	.27	.38	.49	.57	.49	.42	.47	.41	.39	.35	.36	.35	.34	.33	.33	.35	.34	.33	.31			

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: .36 MONTHLY MAX: 3.1

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.2	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.2	.2	.3	.4	.4	.3	.3	.3	.4	.4	.5	23	.5	
2	BF	.5	.4	.4	.4	.3	.4	.3	.3	.3	.5	.5	.5	.5	.6	.4	.4	.4	.4	.3	.3	.3	.3	.2	23	.6	
3	BF	.4	.4	.4	.4	.4	.4	.3	.3	.3	.4	.3	.4	.4	.4	.3	.3	.2	.2	.3	.3	.4	.2	.3	23	.4	
4	BF	.3	.3	.3	.3	.3	.4	.6	.6	.6	.5	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.4	.3	.3	23	.6	
5	BF	.4	.8	.4	.3	.3	.3	.3	.5	.3	.3	.4	.4	.3	.3	.3	.3	.4	.4	.4	.5	.3	.3	.2	23	.8	
6	BF	AE	AE	AE	AE	AE	.3	.6	.5	.5	.5	.5	.7	.3	.4	.3	AE	AE	.3	.2	.1	.2	.1	.1	16	.7	
7	BF	.0	.1	AE	.0	.0	.0	.1	AE	AE	.1	.1	.0	.1	.0	.1	.1	.1	.1	.0	.0	.0	.1	.1	20	.1	
8	BF	.0	.1	.1	.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.0	.2	.1	.1	.1	.1	23	.2	
9	BF	.1	.2	.0	.0	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	.0	.0	.1	.1	.2	.1	.0	23	.2	
10	BF	1.7	1.3	.9	.3	.3	.5	.6	.1	.1	.3	.3	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	1.7	
11	BF	.1	.2	.3	.3	.4	.3	.4	.4	.3	.1	.2	.1	.1	.0	.0	.2	.1	.1	.1	.1	.2	.2	.1	23	.4	
12	BF	.3	.2	.2	.1	.0	.0	.0	.1	.1	.1	.2	.2	.2	.1	.1	.2	.1	.1	.2	.1	.1	.2	.3	23	.3	
13	BF	.4	.6	.6	.6	.4	.5	.5	.5	.4	.3	.4	.2	.5	.4	.4	.4	.4	.4	.4	.3	.2	.2	.2	23	.6	
14	BF	.2	.1	.1	.1	.1	.2	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.3	.2	.2	23	.4	
15	BF	.2	.2	.2	.2	.2	.3	.3	.3	.1	.2	.2	.3	.2	.3	.2	.2	.3	.2	.2	.2	.3	.2	.2	23	.3	
16	BF	.6	.4	.2	.1	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.3	.1	.1	.3	.4	.5	.2	.2	.2	23	.6	
17	BF	.2	.1	.1	.1	.1	.1	.5	1.1	.3	.2	.4	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.2	.2	23	1.1	
18	BF	.1	.1	.1	.0	.1	.2	.6	.8	.7	.4	.3	.3	.3	.3	.3	.4	.4	.3	.3	.4	.3	.2	.2	23	.8	
19	BF	.2	.1	.2	.1	.2	.3	.5	.6	.7	.9	1.0	.8	.8	.7	.7	.7	.6	.4	.5	.5	.4	.5	.3	23	1.0	
20	BF	.5	.4	.4	.4	.4	.3	.3	BA	AK	AK	BA	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	7	.5	
21	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	0		
22	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	AK	10	.3	
23	BF	.2	.2	.2	.2	.1	.3	.3	.3	.5	1.1	.4	.3	.4	.6	.5	.3	.3	.3	.3	.2	.3	.4	.3	23	1.1	
24	BF	.4	.5	.5	.5	.4	.5	.5	.4	.4	.4	.5	.4	.4	.4	.4	.4	.5	.4	.4	.4	.3	.3	.3	23	.5	
25	BF	.3	.3	.3	.3	.3	.4	.6	.6	.5	.5	.4	.4	.3	.4	.4	.3	.3	.4	.3	.4	.4	.4	.3	23	.6	
26	BF	.5	.5	.6	.4	.5	.5	.6	.5	.5	.4	.5	.4	.4	.4	.3	.3	.4	.4	.4	.3	.5	.4	.5	23	.6	
27	BF	.4	.4	.3	.3	.4	.5	.5	.5	.4	.5	.4	.5	.5	.5	.5	.4	.4	2.6	1.3	1.0	.7	.4	.4	23	2.6	
28	BF	.4	.3	.3	.3	.3	.4	.3	.4	.6	.6	.6	.5	.4	.5	.5	.4	.4	.4	.3	.3	.3	.4	.4	23	.6	
29	BF	.4	.3	.4	.4	.3	.7	.7	.6	.5	.5	1.1	1.3	1.5	1.2	1.0	.7	.7	.5	.5	.5	.4	.4	.4	23	1.5	
30	BF	.4	.4	.4	.3	.4	.4	.5	.4	.5	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.4	.4	23	.5	
31																									0		
NO.:		27	27	26	27	27	28	28	26	26	27	27	27	27	28	28	27	27	28	28	28	28	28	28	28		
MAX:		1.7	1.3	.9	.6	.5	.7	.7	1.1	.7	1.1	1.1	1.3	1.5	1.2	1.0	.7	.7	2.6	1.3	1.0	.7	.5	.5			
AVG:		.35	.34	.32	.25	.25	.32	.39	.42	.37	.37	.39	.37	.35	.35	.33	.31	.31	.36	.32	.30	.30	.27	.25			

MONTHLY OBSERVATIONS: 628 MONTHLY MEAN: .33 MONTHLY MAX: 2.6

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.4	.4	.4	.4	.4	.4	.4	.3	.4	.3	.4	.3	.4	.4	.4	.4	.4	.5	.4	.4	.4	.5	.4	23	.5	
2	BF	.5	.5	.4	.4	.5	.4	.5	.6	.6	.5	.5	.6	.5	.5	.6	.4	.4	.5	.4	.4	.4	.5	.4	23	.6	
3	BF	.4	.4	.5	.4	.4	.4	.4	.5	.4	.4	.4	.5	.4	.5	.4	.4	.5	.5	.4	.5	.5	.5	.5	23	.5	
4	BF	.5	.5	.5	.5	.5	.7	.9	.8	.9	.7	.7	.8	.5	.5	.6	.4	.5	.6	.4	.5	.4	.4	.4	23	.9	
5	BF	.5	.4	.4	.4	.4	.4	.5	.5	1.2	2.5	.5	.4	.4	.4	.4	.4	.5	.5	.4	.4	.4	.4	.5	23	2.5	
6	BF	.5	.4	.3	.4	.4	.4	.8	1.1	1.2	1.3	1.0	1.3	.9	.5	.4	.5	.4	.4	.5	.4	.4	.4	.4	23	1.3	
7	BF	.4	.4	.4	.3	.4	.4	.6	.8	.9	.8	.8	.7	.6	.6	.6	.7	.7	.7	.6	.7	.7	.6	.6	23	.9	
8	BF	.5	.5	.5	.6	.5	.5	.4	.5	.5	.4	.4	.5	.5	.6	.5	.6	.5	.5	.5	.5	.5	.5	.5	23	.6	
9	BF	.6	.4	.4	.4	.5	.5	.6	.7	.7	.6	.6	.6	.6	.6	.7	.6	.6	.6	.5	.5	.6	.5	.6	23	.7	
10	BF	.6	.5	.5	.5	.6	.6	.8	1.3	1.0	.9	1.0	1.0	.7	.8	.8	.8	.8	.7	.8	.8	.8	.8	.8	23	1.3	
11	BF	.7	.6	.5	.5	.5	.6	.7	.7	BA	.6	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	9	.7	
12	AE	AE	AE	AE	AE	AE	.5	.6	.5	.7	.6	.6	.5	.6	.6	.6	.6	.6	.5	.5	.5	.5	.4	.5	18	.7	
13	BF	.5	.4	.5	.5	.5	.5	.5	.5	.7	.5	.5	.5	.5	.4	.5	.5	.5	.5	.6	.5	.5	.5	.5	23	.7	
14	BF	.5	.4	.4	.4	.5	.5	.9	1.0	.8	.5	.6	.6	.6	.6	.7	.7	.6	.5	.5	.5	.5	.4	.5	23	1.0	
15	BF	.6	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	.6	.5	.5	.4	.5	.4	.4	.4	.3	.4	.4	.4	23	.6	
16	BF	.3	.4	.4	.4	.4	.6	.5	.5	.5	.5	.5	.5	.5	.5	.6	.5	.5	.4	.4	.4	.4	.5	.4	23	.6	
17	BF	.5	.5	.5	.4	.4	.5	.5	.5	.5	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	23	.5	
18	BF	.4	.3	.5	.4	.4	.5	.4	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	7	.5	
19	BF	BJ	BJ	BJ	BJ	BJ	BJ	.4	.5	.5	.5	.5	.5	.4	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	17	.5	
20	BF	.4	.4	.4	.5	.5	.4	.6	.6	.5	.5	.6	.4	.4	.5	.5	.5	.5	.5	.4	.4	.4	.4	.6	.5	23	.6
21	BF	.5	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.5	.4	.5	.4	.6	.7	.5	.4	.4	.4	.4	.3	.5	23	.7
22	BF	.4	.5	.5	.5	.4	.5	.7	.6	.5	.4	.5	.7	.7	.4	.5	.5	.4	.5	.5	.4	.4	.4	.4	23	.7	
23	BF	.5	.5	.5	.4	.4	.5	.5	.5	.5	.6	.6	.4	.5	.5	.4	.5	.6	.4	.5	.4	.5	.4	.4	23	.6	
24	BF	.5	.5	.5	.4	.4	.4	.5	.6	.5	.6	.6	.5	.6	.6	.6	.5	.5	.6	.6	.4	.4	.5	.5	.4	23	.6
25	BF	.5	.4	.4	.5	.5	.5	.5	.7	1.1	.9	.8	.6	.7	.5	.5	.6	.6	.6	.6	.6	.5	.6	.5	23	1.1	
26	BF	.5	.5	.5	.5	.5	.6	.7	.7	.8	.7	.6	.6	.6	.6	.5	.6	.6	.6	.5	.5	.6	.6	.5	23	.8	
27	BF	.6	.6	.7	.7	.6	.7	.7	.7	.7	.6	.7	.7	.6	.6	.6	.6	.6	.5	.6	.6	.6	.6	.7	.5	23	.7
28	BF	.6	.5	2.3	13.4	7.3	3.0	1.0	.8	.8	.7	.6	.6	.6	.6	.6	.5	.5	.6	1.5	1.2	1.1	.9	.7	23	13.4	
29	BF	.8	.7	.9	.8	.8	.7	.7	.6	.4	.5	.5	.6	.5	.5	.6	.5	.5	.5	.5	.6	.5	.5	.5	23	.9	
30	BF	.6	.5	.5	.5	.6	.5	.5	.5	.5	.5	.6	.6	.5	.6	.5	.5	.5	.5	.6	.5	.5	.5	.5	23	.6	
31	BF	.5	.5	.5	.5	.6	.5	.6	.7	.5	.5	.5	.5	.6	.6	.5	.5	.6	.5	.5	.6	.7	.6	.4	23	.7	
NO.:		29	29	29	29	29	30	31	30	29	30	29	29	29	29	29	29	29	29	29	29	29	29	29			
MAX:		.8	.7	2.3	13.4	7.3	3.0	1.0	1.3	1.2	2.5	1.0	1.3	.9	.8	.8	.8	.8	.7	1.5	1.2	1.1	.9	.8			
AVG:		.51	.47	.54	.91	.72	.59	.59	.64	.66	.65	.58	.59	.54	.53	.52	.53	.52	.52	.53	.51	.52	.51	.48			

MONTHLY OBSERVATIONS: 672 MONTHLY MEAN: .57 MONTHLY MAX: 13.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.6	.5	.5	.5	.6	.6	.6	.6	.6	.5	.6	.6	.5	.6	.6	.6	.5	.6	.6	.6	.5	.6	.5	23	.6	
2	BF	.8	.6	.6	.6	.6	.5	.5	.5	.6	.5	.5	.5	.6	.6	.6	.5	.6	.7	.6	.6	.6	.6	.6	.9	23	.9
3	BF	.7	.5	.6	.6	.5	.7	.7	.8	.7	.6	.6	.7	.5	.6	.6	.7	.6	.6	.5	.5	.5	.4	.5	23	.8	
4	BF	.7	.5	.6	.5	.5	.5	.7	.7	.7	.7	.6	.6	.7	.6	.6	.6	.6	.5	.6	.5	.5	.6	.5	23	.7	
5	BF	.6	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.7	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	23	.7	
6	BF	.6	.5	.5	.5	.6	.5	.6	.6	.6	.7	.6	.7	.6	.5	.6	.6	.5	.5	.5	.5	.5	.5	.5	23	.7	
7	BF	.6	.5	.5	.5	.5	.5	.5	.8	.8	.8	.8	.7	.6	.6	.6	.5	.6	.6	.5	.6	.7	.6	.7	23	.8	
8	BF	.6	.5	.5	.5	.5	.8	.8	.9	.9	.7	.5	.6	.6	.5	.6	.6	.6	.6	.7	.5	.5	.5	.5	23	.9	
9	BF	1.5	1.0	.7	.7	.6	.8	.8	2.7	1.3	.7	.7	.6	.7	.6	.6	.7	.6	.7	.7	.8	.7	.6	.7	23	2.7	
10	BF	.7	.7	.6	.5	.6	.8	.9	.9	.9	.8	.8	.8	.8	.7	.7	.8	.8	.7	.7	.7	.7	.6	.7	23	.9	
11	BF	.7	.6	.6	.6	.6	.7	.7	.8	.8	.8	.9	.8	.6	.7	.6	.7	.7	.6	.7	.7	.7	.7	.6	23	.9	
12	BF	.7	.7	.6	.6	.7	.8	.8	.7	.8	1.1	1.2	1.4	1.2	.9	1.1	1.0	1.1	1.2	.8	.6	.7	.6	.6	23	1.4	
13	BF	.6	1.8	1.6	1.0	1.5	1.3	3.7	1.1	1.0	1.2	1.2	1.3	1.2	2.1	2.3	.7	.8	.8	.8	.7	.6	.7	.5	23	3.7	
14	BF	.6	.6	.5	.5	.6	.7	1.5	1.4	1.0	1.0	.9	.9	.9	.9	.8	.9	.8	.9	.8	.8	.7	.6	.6	23	1.5	
15	BF	.7	.8	.8	.7	.7	.8	.9	BA	.9	.7	.9	.7	.6	.7	.6	.6	.6	.6	.6	.6	.5	.5	.5	22	.9	
16	BF	.6	.6	.5	.5	.6	.6	.6	.7	.7	.8	.7	.6	.7	.6	.7	.6	.6	.6	.6	.6	.6	.6	.6	.8	23	.8
17	BF	.5	.6	.6	.6	.5	.9	2.7	3.7	1.8	.8	.6	.6	.6	.6	.5	.7	.7	.6	.6	.7	.7	.6	.6	23	3.7	
18	BF	.7	.7	.6	.6	.6	.7	.8	.8	.7	.7	.7	.6	.7	.7	.6	.6	.7	.6	.7	.8	1.0	.8	.7	23	1.0	
19	BF	.8	.7	.6	.6	.6	.7	.7	.6	.6	.6	.6	.6	.7	.6	.7	.6	.7	.6	.7	.7	.7	.6	.6	23	.8	
20	BF	.6	.6	.6	.6	.7	.6	.7	.7	.6	.6	.7	.6	.8	.9	.8	.7	.6	.6	.7	.7	.7	.6	.7	23	.9	
21	BF	.8	.7	.7	.7	.8	.9	.9	.9	.9	.8	.8	.7	.7	.7	.8	.9	1.0	.8	.7	.8	.7	.9	.9	23	1.0	
22	BF	.8	.7	.7	.8	.8	.9	.9	.8	.8	.8	.9	.8	.8	.9	1.0	.9	.8	.7	.6	.6	.7	.7	.6	23	1.0	
23	BF	.7	.7	.6	.6	.6	.7	.7	.8	.7	.8	.7	.7	.8	.6	.8	.8	.9	.9	.7	.7	.6	.6	.6	23	.9	
24	BF	.6	.6	.6	.6	.7	.6	.6	.7	.6	.7	.7	.7	.7	.7	.8	.9	.8	.7	.7	.7	.7	.7	.7	23	.9	
25	BF	.8	.9	1.2	.9	.9	.7	.7	.8	.7	.7	.7	.7	.8	.7	.7	.8	.6	.7	.6	.7	.7	.6	.7	23	1.2	
26	BF	.8	.7	.6	.7	.7	.7	.7	.7	.7	.7	.8	.7	.7	.7	.6	.6	.7	.7	.7	.7	.7	.8	.6	23	.8	
27	BF	.7	.7	.7	.7	.7	.7	.8	.6	.7	.9	.7	.7	.8	.7	.7	.7	.7	.6	.7	.8	.7	.7	.7	23	.9	
28	BF	.8	.6	.7	.7	.7	.7	.7	.7	.6	.6	.7	.7	.6	.7	.7	.7	.7	.6	.6	.7	.7	.6	.6	23	.8	
29	BF	.8	.7	.7	.7	.6	.9	1.1	1.1	1.0	1.0	.9	.8	.8	.8	.7	.8	.8	.7	.7	.6	.6	.6	.6	23	1.1	
30	BF	.7	.7	.7	.6	.7	.7	1.0	1.2	1.4	1.1	.9	.8	.8	.8	.7	.7	.8	.8	.7	.8	.7	.7	.7	23	1.4	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	1.5	1.8	1.6	1.0	1.5	1.3	3.7	3.7	1.8	1.2	1.2	1.4	1.2	2.1	2.3	1.0	1.1	1.2	.9	.8	1.0	.8	.9				
AVG:	.71	.68	.66	.62	.66	.71	.93	.96	.82	.78	.74	.74	.73	.73	.74	.70	.70	.70	.68	.66	.66	.65	.62	.63			

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .72 MONTHLY MAX: 3.7

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.8	.6	.7	.6	.7	.7	1.0	.9	.7	.7	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.7	.7	23	1.0
2	AV	.7	.6	.7	.7	.6	.6	.6	.8	.9	.7	.7	.7	.8	.8	.8	.7	.8	.7	.7	.7	.6	.7	.6	23	.9
3	BF	.7	.6	.7	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.7	.7	.7	.7	.7	.7	23	.7
4	BF	.7	.7	.8	.7	.7	.7	.7	.7	.7	.6	.7	.6	.7	.7	.8	.8	.8	.7	.7	.7	.8	.8	.7	23	.8
5	BF	.9	.7	.7	.7	.8	.7	.8	.8	.8	.9	.8	.8	.8	.9	.9	.8	.7	.7	.7	.7	.7	.8	.8	23	.9
6	BF	.9	.9	.8	.7	.7	.8	.9	.8	.7	.7	1.0	.9	.8	.8	.7	.6	.7	.6	.7	.7	.6	.7	.6	23	1.0
7	BF	.9	.8	.8	.7	.8	.9	.9	.9	1.0	.7	.7	.8	.9	.9	.8	.8	.8	.8	.7	.7	.7	.7	.8	23	1.0
8	BF	.8	.8	.7	.7	.7	.8	1.1	.8	.9	.8	.8	.8	.8	.7	.8	.7	.7	.7	.7	.7	.6	.6	.6	23	1.1
9	BF	.8	.6	.8	.7	.7	.7	.9	.9	.9	.8	.9	.7	.8	.8	.8	.7	.8	.7	.7	.8	.8	.7	.8	23	.9
10	BF	.9	.8	.8	.7	.8	.9	1.1	1.2	1.0	1.0	.9	.9	.8	.9	.7	.8	.8	.9	.9	.8	.8	.7	.7	23	1.2
11	BF	.8	.7	.8	.7	.7	.7	.8	.8	.8	1.0	1.5	1.2	1.1	1.0	.9	.9	1.1	.8	.7	.7	.7	.7	.7	23	1.5
12	BF	.9	.8	.8	.7	.7	.7	.8	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	7	.9
13	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	.5	.3	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	14	.5
14	BF	.3	.1	.0	.1	.1	.1	.1	.2	.4	.4	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.4
15	BF	.3	.2	.2	.1	.1	.2	.3	.4	.4	.1	.1	.3	.6	.4	.2	.1	.1	.0	.0	.0	.0	.0	.1	23	.6
16	BF	.1	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.1	.1	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	23	.2
17	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
18	BF	.2	.0	.0	.0	.0	.0	.5	.3	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.5	.2	23	.5
19	BF	.3	.1	.1	.0	.0	.0	.1	1.3	2.3	2.7	3.7	3.0	1.8	.4	.2	.2	.1	.1	.0	.1	.0	.0	.0	23	3.7
20	BF	.2	.1	.0	.0	.0	.1	.2	.3	4.3	.4	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	23	4.3
21	BF	.2	.1	.0	.0	.0	.0	.1	.2	.3	.2	.2	.2	.1	.1	.1	.1	.1	.0	.1	.0	.0	.1	.0	23	.3
22	BF	.2	.0	.0	.0	.0	.1	.3	.4	.3	.2	.2	.1	.1	.1	.1	.1	.1	.0	.2	.1	.0	.2	.1	23	.4
23	BF	.1	.1	.0	.0	.0	.1	.1	.6	.6	.5	.3	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	23	.6
24	BF	.3	.1	.0	.0	.0	.1	.3	.4	.4	.2	.3	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1	.0	.1	23	.4
25	BF	.2	.1	.1	.0	.0	.2	.3	.3	.4	.4	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.0	.0	.0	23	.4
26	BF	.4	.3	.2	.3	.3	.2	.3	.2	.4	.4	.3	.2	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	23	.4
27	BF	.1	.0	.0	.0	.0	.0	.3	.4	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	-1	-1	-1	-1	.0	23	.4
28	BF	.1	.0	.0	.0	.0	.2	.3	.5	.7	.7	.4	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	23	.7
29	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
30	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1	-1	-1	23	.1
31	BF	.0	.0	.0	.0	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-1	-1	-1	23	.2
NO.:		30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:		.9	.9	.8	.7	.8	.9	1.1	1.3	4.3	2.7	3.7	3.0	1.8	1.0	.9	.9	1.1	.9	.9	.8	.8	.8	.8		
AVG:		.44	.33	.32	.29	.30	.34	.45	.52	.71	.53	.55	.50	.44	.36	.34	.31	.31	.30	.28	.28	.27	.29	.28		

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .38 MONTHLY MAX: 4.3

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BF	.0	-.1	-.1	-.1	-.2	-.1	.0	-.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0	
2	BF	.0	.0	-.1	-.1	-.1	.0	.1	.2	.2	.0	.0	-.1	.0	.0	-.1	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	23	.2	
3	BF	.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.1	
4	BF	.1	-.1	-.1	-.1	.0	.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	23	.1	
5	BF	.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.1	.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1	
6	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	.0	23	0.0	
7	BF	1.1	.1	.0	-.1	.0	.0	.2	.8	.4	.3	.1	.3	.2	.2	.1	.2	.1	.0	.0	.1	.0	.1	.0	.1	.0	23	1.1
8	BF	.2	.0	.0	.0	-.1	.0	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	23	.2	
9	BF	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	23	0.0	
10	BF	.1	.0	.0	.0	.0	.1	.5	.1	.0	-.1	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	.0	.0	-.1	.0	-.1	23	.5	
11	BF	.1	.0	-.1	.0	.0	.0	.2	.1	BA	BA	-.1	-.1	-.1	-.1	-.1	-.2	-.1	.0	-.1	-.2	-.1	-.1	-.1	-.2	21	.2	
12	BF	.0	-.1	-.1	-.2	-.2	-.1	.0	.1	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	23	.1	
13	BF	.0	-.1	.0	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.1	
14	BF	.2	.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	.0	23	.2	
15	BF	.0	-.1	-.1	-.2	-.1	-.1	.2	.5	.3	.1	.1	.0	.0	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.5	
16	BF	.1	.0	-.1	.0	.0	.1	.0	.0	.0	.0	.1	.0	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	23	.1	
17	BF	.1	.0	.0	.0	.0	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	-.1	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.1	
18	BF	.1	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	23	.1	
19	BF	.2	.1	.0	-.1	-.1	.0	.0	.0	.0	.4	.0	.0	.0	.1	.0	-.1	.0	-.1	.0	-.1	-.1	-.2	-.2	-.1	23	.4	
20	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.1	.7	.6	.3	.2	.1	.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	23	.7	
21	BF	.1	-.1	-.1	-.1	-.1	-.1	.1	.1	.0	.0	-.1	-.1	-.1	.0	-.1	.0	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	23	.1	
22	BF	.1	-.1	.0	.1	.0	.0	.1	.4	.5	.4	.6	.5	.5	.3	.5	.9	.7	.6	.1	.0	.0	.0	-.1	-.1	23	.9	
23	BF	.1	-.1	-.1	-.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1	
24	BF	.0	.0	-.1	-.1	-.1	.0	.2	.2	.2	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	23	.2	
25	BF	.0	-.1	-.1	.0	.0	.0	.0	.1	.2	.1	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	-.1	23	.2	
26	BF	.1	-.1	.0	.0	.0	.0	.1	.1	.2	1.3	.9	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	1.3	
27	BF	.1	.0	-.1	-.1	-.1	-.1	.0	.0	.8	2.0	.6	.0	.0	.0	.0	-.1	.1	.1	.1	.0	.1	.0	.0	.0	23	2.0	
28	BF	.1	.1	.0	.0	.0	.1	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.1	
29	BF	.2	.1	.0	-.1	-.1	.0	.0	.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	23	.2	
30	BF	.1	.0	-.1	-.1	.0	.1	.1	.2	.3	.3	.2	.2	.1	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	.0	.0	23	.3	
31	BF	.1	.0	-.1	.0	.0	.1	.1	.2	.1	.1	.0	.0	.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.2	
NO.:		31	31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31			
MAX:		1.1	.1	0.0	.1	.1	.1	.5	.8	.8	2.0	.9	.5	.3	.5	.9	.9	.7	.6	.1	.2	.1	.1	.1	.1			
AVG:		.11	-.03	-.06	-.06	-.05	-.01	.07	.10	.13	.19	.08	.03	.02	-.01	-.02	0.00	-.02	-.01	-.05	-.05	-.06	-.07	-.07	-.07			

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .01 MONTHLY MAX: 2.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.0	-.1	-.1	-.1	-.1	.0	.3	.3	.1	.1	.0	-.1	-.1	-.1	-.1	.0	.4	.5	.2	.1	.1	.0	.0	23	.5	
2	BF	.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	23	.1	
3	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.2	.1	.0	.0	.0	.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	23	.2	
4	BF	.1	-.1	-.1	-.1	.0	-.1	.0	.0	.0	.2	.1	.0	.0	.1	.0	.0	-.1	.0	-.1	.0	-.1	-.1	.0	23	.2	
5	BF	.0	.0	-.1	-.1	.0	-.1	-.1	.1	.1	.1	.1	.1	.0	.1	.1	.4	.5	.2	.0	.0	.0	.0	.0	23	.5	
6	BF	.0	.0	-.1	.0	-.1	.0	.0	.2	.5	.8	.9	.8	.6	.3	.3	.3	.3	.1	.0	.1	.1	.1	.1	23	.9	
7	BF	.1	.0	-.1	-.1	-.1	-.1	BA	.1	.4	.5	.5	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.0	.1	22	.5	
8	BF	.2	.2	.1	.0	.0	.0	.1	.1	.1	.1	.1	.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.4	
9	BF	.3	.0	.0	.0	.0	.1	.5	.3	.2	.1	.2	.2	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	23	.5	
10	BF	.1	.0	-.1	.0	.0	.1	.2	.3	.2	.3	.3	.2	.2	.1	.1	.2	.2	.1	.2	.2	.1	.1	.1	23	.3	
11	BF	.2	.2	.1	.0	.0	.1	.4	.2	.1	.1	.1	.3	.2	.3	.2	.1	.1	.1	.1	.2	.1	.0	.0	23	.4	
12	BF	.0	-.1	.0	-.1	.0	.2	.3	.3	.2	.2	.3	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	23	.3	
13	BF	.0	.0	-.1	.0	-.1	.0	.0	.1	.1	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	-.1	.0	.0	23	.1	
14	BF	.0	.0	-.1	-.1	-.1	.0	.1	.2	.2	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	23	.2	
15	BF	.0	.0	.0	-.1	.0	.1	.2	1.3	.5	1.0	.8	.4	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	1.3	
16	BF	.0	.0	-.1	-.1	-.1	.0	.0	.0	-.1	.0	-.1	.0	.0	-.1	.0	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	23	0.0	
17	BF	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	23	0.0	
18	BF	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0	
19	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	.2	.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	23	.2	
20	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0	
21	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	23	0.0	
22	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	23	-.1	
23	BF	.0	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.0	.0	.0	.0	23	0.0	
24	BF	.0	-.1	-.1	-.1	.0	.0	.2	.0	.1	.3	.2	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	-.1	23	.3	
25	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	23	0.0	
26	BF	.1	.0	-.1	-.1	.0	-.1	-.1	.0	.0	.0	.1	.0	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	23	.1	
27	BF	.0	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	23	0.0	
28	BF	.0	-.1	-.1	-.1	-.1	-.2	-.1	.0	.0	.0	.0	.2	.0	-.1	.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.2	
29	BF	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0	
30	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	.0	.0	-.1	23	0.0	
31																										0	
NO.:	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	.3	.2	.1	0.0	0.0	.2	.5	1.3	.5	1.0	.9	.8	.6	.3	.3	.4	.5	.5	.2	.2	.1	.1	.1	.1			
AVG:	.04	-.04	-.07	-.08	-.07	-.03	.02	.08	.06	.10	.08	.07	.04	.03	.02	.02	.03	0.00	-.02	-.02	-.03	-.04	-.03				

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .01 MONTHLY MAX: 1.3

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
2	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.2	.0	.0	.1	.0	.1	.1	.3	.4	.1	.0	.0	.0	.0	-.1	-.1	.0	23	.4
3	BF	.0	.0	.0	-.1	-.1	.0	.0	.4	.6	.5	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	23	.6
4	BF	.1	-.1	-.1	-.1	-.1	-.1	BA	BA	.2	.0	.1	.1	.2	.0	.1	.0	.0	.0	.0	-.1	.0	-.1	-.1	.0	21	.2
5	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	23	0.0
6	BF	.1	.0	.0	-.1	-.1	-.1	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
7	BF	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	-.1
8	BF	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	-.1
9	BF	-.1	-.2	-.1	.2	.1	.0	.0	.1	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.6	.4	.0	23	.6
10	BF	.2	.0	.0	.0	.1	.1	.1	.2	.1	.0	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	23	.2
11	BF	.1	.0	.0	.0	.1	.1	.1	.3	.5	.4	.3	.2	.1	.2	.2	.2	.1	.1	.0	-.1	.0	.0	.0	.0	23	.5
12	BF	.1	.0	.0	.0	.0	.2	.0	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
13	BF	.0	.0	.0	.0	.0	.1	.3	.4	.6	.3	.2	.3	.2	.2	.2	.2	.2	.1	.2	.0	.0	.1	.7	.0	23	.7
14	BF	.4	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	23	.4
15	BF	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.1	.2	.2	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	23	.3
16	BF	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.1	.1	.0	.1	.0	.0	-.1	.0	.0	.0	23	.1
17	BF	.1	.0	-.1	-.1	.0	.1	.0	.1	.1	.1	.0	.1	.0	.0	.2	.2	.0	.0	-.1	.0	-.1	-.1	.0	.0	23	.2
18	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	.2	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	-.1	-.2	-.1	-.1	.0	23	.2
19	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.1	.1	.1	-.1	.1	.0	.1	.0	.0	.0	-.1	.0	.0	.0	.0	-.1	.0	23	.1
20	BF	.0	.0	.0	.0	.1	.1	.1	.3	.2	.4	.3	.1	.0	-.1	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	23	.4
21	BF	.0	-.1	-.2	-.2	-.1	-.2	-.2	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	.0	.0	.0	.1	.0	23	.1
22	BF	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.0	.1	.0	.1	.0	.0	.1	.1	.1	23	.2
23	BF	.1	.1	.1	.0	.0	.0	.2	.2	.3	.3	.5	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	.2	.2	23	.5
24	BF	.1	.1	.1	.1	.1	.2	.3	.4	.3	.4	.6	.6	.7	.6	.6	.6	.3	.3	.2	.6	.4	.3	.2	.2	23	.7
25	BF	.2	.5	.4	.2	.1	.1	.2	.4	.4	.5	.4	.4	.3	.3	.2	.2	.2	.1	.2	.2	.2	.1	.2	.2	23	.5
26	BF	.2	.1	.1	.1	.2	.4	.2	.4	.4	.8	.5	.3	.3	.4	.3	.3	.2	.1	.2	.2	.2	.2	.1	.0	23	.8
27	BF	.1	.1	.1	.1	.2	.3	.5	.4	.3	.2	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.5
28	BF	.0	.0	.0	.0	.1	.2	BC	BC	BC	BC	.5	.6	1.0	.4	.2	.1	.0	.1	.2	.1	.2	.1	.1	.1	19	1.0
29	BF	.1	.0	.0	.0	.0	.1	.1	.3	.3	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.0	.0	-.1	.0	.0	23	.3
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	23	.2
31	BF	.0	.0	.0	.0	.0	.1	.1	.2	.1	.2	.1	.1	.1	.2	.1	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	23	.2
NO.:		31	31	31	31	31	31	29	29	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.4	.5	.4	.2	.2	.4	.5	.4	.6	.8	.6	.6	1.0	.6	.6	.6	.3	.3	.2	.6	.4	.6	.7	.7		
AVG:		.05	0.00	-.01	-.02	0.00	.03	.06	.15	.16	.16	.15	.13	.13	.12	.11	.10	.05	.02	.03	.02	.01	.01	.03	.03		

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .06 MONTHLY MAX: 1.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BF	.0	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.3	
2	BF	.1	.0	.0	.1	.0	.1	.1	.4	.2	.2	.1	.1	.1	.1	.2	.1	.0	-.1	.1	.0	.0	.0	.0	-.1	23	.4	
3	BF	.0	.0	-.1	.0	.0	.0	.0	.2	.2	.2	.1	.2	.2	.5	.4	.3	.1	.0	.2	.1	.0	.0	.0	-.1	23	.5	
4	BF	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	.0	.0	.0	.2	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	23	.3	
5	BF	.0	.0	.0	-.1	-.1	.1	.1	.1	.4	.6	.6	.6	.6	.5	.5	.4	.1	.1	.1	.1	.1	.1	.1	.0	23	.6	
6	BF	.1	.0	.0	.1	.2	.2	.2	.1	.6	.7	.9	.4	.3	.2	.1	.1	.2	.1	.0	.0	.0	.0	.0	.1	23	.9	
7	BF	.1	.1	.1	.1	.1	.3	.2	.2	.1	.2	.2	.1	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.1	.1	23	.3	
8	BF	.1	.1	.1	.1	.1	.2	.3	.5	.5	.4	.3	.4	.5	.4	.4	.3	.3	.3	.3	.2	.2	.2	.2	.1	23	.5	
9	BF	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	23	.3	
10	BF	.1	.1	.1	.1	.1	.0	.2	.3	.2	.3	.4	.4	.5	.4	.3	.3	.3	.3	.5	.6	.4	.2	.2	.2	23	.6	
11	BF	.2	.1	.1	.2	.1	.2	.3	.4	.5	.6	.7	.7	.7	.8	.6	.6	.6	.9	1.0	.9	1.0	.5	.3	.23	23	1.0	
12	BF	.4	.2	.3	.3	.3	.3	.4	.3	.4	.4	.5	.4	.3	.3	.3	.3	.2	.4	.3	.3	.4	.3	.2	.2	23	.5	
13	BF	.3	.3	.2	.2	.2	.2	.3	.3	.4	.5	.5	.4	.3	.3	.3	.3	.3	.5	.5	.3	.3	.3	.3	.3	23	.5	
14	BF	.3	.2	.2	.2	.2	.2	.3	.4	.3	.2	.2	.2	.2	.5	.4	.4	.3	.2	.2	.2	.2	.2	.1	.1	23	.5	
15	BF	.2	.2	.1	.2	.2	.3	.4	.6	.5	.8	.8	.7	.7	.6	.5	.4	.3	.3	.4	.6	.6	.5	.6	.6	23	.8	
16	BF	.4	.3	.2	.3	.3	.4	.5	.8	.6	.7	.8	.6	.4	.5	.5	.4	.2	.4	.5	.5	.6	.6	.6	.6	23	.8	
17	BF	.4	.2	.2	.2	.2	.4	.4	.4	.4	.5	.6	.6	.6	.8	.9	.6	.4	.4	.3	.5	.5	.5	.4	.4	23	.9	
18	BF	.5	.5	.5	.4	.4	.5	.7	.6	.7	.8	1.0	.9	1.1	1.3	1.1	.8	.5	.6	.5	.4	.5	.5	.4	.4	23	1.3	
19	BF	.4	.5	.5	.6	.5	.4	.4	.2	.5	.5	.5	.3	.3	.5	.2	.1	.0	.1	.0	.0	.0	.1	.1	.1	23	.6	
20	BF	.2	.1	.1	.1	.1	.1	.1	.2	.1	.1	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.3	.3	.2	.2	23	.3	
21	BF	.2	.1	.2	.2	.2	.4	.6	.6	BA	.6	.5	.4	.3	.3	.3	.3	.4	.5	.6	.6	.3	.3	.2	.2	22	.6	
22	BF	.3	.2	.3	.3	.3	.5	.5	.7	.8	.7	.6	.6	.4	.4	.4	.5	.6	.8	.7	.6	.5	.4	.4	.4	23	.8	
23	BF	.3	.3	.3	.3	.4	.4	.5	.6	.7	.8	1.0	1.1	1.0	.8	.8	.7	.7	.8	.8	.9	.9	.8	.8	.8	23	1.1	
24	BF	.6	.5	.5	.3	.3	.3	.3	.3	.3	.4	.6	.4	.4	.4	.4	.3	.5	.5	.4	.4	.5	.4	.4	.4	23	.6	
25	BF	.4	.3	.2	.3	.2	.3	.5	.3	.2	.3	.3	.4	.3	.3	.3	.3	.3	.3	.4	.3	.3	.2	.2	.2	23	.5	
26	BF	.2	.2	.5	1.3	1.3	.8	.6	.3	.4	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	23	1.3	
27	BF	.2	.2	.2	.1	.1	.2	.2	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.4	.5	.4	.4	.3	.4	.4	23	.5	
28	BF	.4	.4	.4	.5	.5	.5	.6	.7	.5	.5	.4	.4	.4	.4	.4	.4	.5	.3	.4	.6	.6	.3	.3	.3	23	.7	
29	BF	.3	.2	.2	.2	.2	.1	.1	.2	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3	
30	BF	.0	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0	
31																											0	
NO.:	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	.6	.5	.5	1.3	1.3	.8	.7	.8	.8	.8	1.0	1.1	1.1	1.3	1.1	.8	.7	.9	1.0	.9	1.0	1.0	.8	.8	.8			
AVG:	.22	.17	.18	.21	.21	.25	.29	.34	.35	.41	.43	.40	.38	.39	.36	.30	.26	.30	.31	.31	.30	.23	.21					

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .30 MONTHLY MAX: 1.3

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-063-0015 POC: 1
 COUNTY: (063) Durham
 CITY: (19000) Durham
 SITE ADDRESS: 801 STADIUM DRIVE
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (2280) DURHAM, NC
 LAND USE: COMMERCIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 7446-09-5
 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: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.1	-.1	-.2	-.2	-.2	-.2	-.1	-.1	-.1	.0	-.1	.1	.0	.0	.1	.2	.4	.3	.4	.3	.1	.1	.2	23	.4
2	BF	.2	.1	.1	.0	.0	.3	.4	1.5	.3	.4	.4	.3	.3	.2	.4	.4	.3	.5	.4	.4	.4	.3	.4	23	1.5
3	BF	.6	.3	.2	.1	.1	.1	.2	.4	1.0	.4	.2	.3	.3	.7	.9	.5	.4	.4	.4	.4	.3	.3	.3	23	1.0
4	BF	.3	.4	.5	.5	.4	.5	.4	.5	.6	.5	.5	.5	.6	.5	.5	.6	.3	.3	.3	.2	.1	.2	.1	23	.6
5	BF	.2	.1	.1	.1	.0	.1	.1	.2	.2	.2	.2	.3	.6	.3	.2	.3	.4	.2	.4	.3	.2	.1	.1	23	.6
6	BF	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.1	.1	.2	.2	.2	.3	.2	.2	.1	23	.3
7	BF	.1	.1	.1	.1	.1	.2	.1	.2	.3	.5	.3	.3	.2	.3	.2	.2	.2	.3	.3	.4	.4	.3	.2	23	.5
8	BF	.2	.2	.2	.2	.1	.2	.3	.5	.6	.5	.5	.5	.3	.2	.2	.3	.4	.4	.4	.3	.2	.2	.2	23	.6
9	BF	.3	.3	.4	.4	.4	.4	.3	.5	.5	.5	.6	.5	.6	.5	.4	.4	.4	.4	.5	.4	.4	.4	.4	23	.6
10	BF	.5	.4	.4	.4	.4	.3	.4	.6	.6	.6	.6	.6	.5	.5	.4	.5	.4	.6	.6	.6	.5	.6	.5	23	.6
11	BF	.6	.5	.5	.5	.5	.5	.6	.6	.8	.7	.6	.7	.7	.6	.6	.6	.6	.6	.7	.6	.6	.5	.6	23	.8
12	BF	.4	.3	.3	.3	.3	.4	.3	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.7	.7	.6	.5	.5	23	.7
13	BF	.3	.4	.3	.3	.3	.3	.3	.5	.3	.3	.6	.5	.5	.5	.4	.3	.3	.2	.1	.2	.2	.2	.2	23	.6
14	BF	.2	.1	.2	.2	.2	.2	.2	.3	.5	.5	.5	.7	.6	.7	.6	.4	.3	.4	.5	.5	.6	.5	.4	23	.7
15	BF	.4	.4	.4	.2	.2	.2	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.5	.4	1.4	1.5	1.7	2.6	23	2.6
16	BF	1.6	1.7	3.0	1.1	1.2	1.3	1.0	.7	.8	.9	.9	.7	.7	.6	.6	.5	.5	.6	.6	.5	.6	.6	.5	23	3.0
17	BF	.3	.3	.3	.4	.4	.4	.3	.4	.5	.4	.5	.6	.6	.5	.4	.4	.3	.4	.3	.3	.3	.4	.3	23	.6
18	BF	.3	.3	.3	.3	.3	.2	.3	.3	.3	.2	.3	.3	.3	.2	.2	.2	.1	.1	.5	.2	.2	.2	.1	23	.5
19	BF	.2	.2	.2	.2	.2	.2	.2	.3	.4	.5	.6	BA	.6	.6	.5	.6	.5	.5	.5	.5	.4	.4	.4	22	.6
20	BF	1.5	1.4	1.1	.9	1.1	1.3	1.0	.8	.8	.7	.7	.7	.6	.6	.5	.5	.5	.5	.6	.6	.6	.7	.7	23	1.5
21	BF	.7	.6	.6	.6	.5	.5	.7	1.1	.6	.7	.7	.7	.7	.6	.6	.6	.8	1.0	1.1	.8	.7	.8	.9	23	1.1
22	BF	.5	.4	.4	.6	.5	.5	.5	.9	.9	.6	.6	.5	.4	.5	.7	.8	.9	.9	.9	.8	.7	.9	1.2	23	1.2
23	BF	1.1	1.8	.9	.4	.4	.5	.5	.7	.7	.6	.5	.6	.6	.5	.6	.5	.6	.4	.5	.5	.5	.5	.5	23	1.8
24	BF	.5	.5	.5	.4	.4	.4	.4	.3	.4	.3	.5	.6	.6	.5	.4	.3	.3	.3	.4	.3	.3	.4	.4	23	.6
25	BF	.5	.4	.3	.4	.4	.4	.4	.3	.4	.3	.4	.3	.4	.3	.4	.4	.3	.3	.3	.3	.4	.3	.4	23	.5
26	BF	.4	.4	.3	.3	.4	.3	.3	.4	.3	.3	.2	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	23	.4
27	BF	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.1	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	23	.3
28	BF	.3	.1	.1	.1	.1	.3	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.4	.6	.5	.5	.5	.2	.2	23	.6
29	BF	.3	.3	.3	.2	.2	.2	.1	.2	.2	.2	.3	.2	.3	.2	.2	.2	.1	.2	.1	.3	.2	.2	.2	23	.3
30	BF	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.4	.3	.2	.3	.3	.4	.4	.4	.4	23	.4
31	BF	.6	.5	.5	.5	.6	.5	.6	.5	.5	.5	.5	.5	.5	.8	1.0	1.1	1.1	.8	.7	.6	.6	.6	.7	23	1.1
NO.:		31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		1.6	1.8	3.0	1.1	1.2	1.3	1.0	1.5	1.0	.9	.7	.7	.8	1.0	1.1	1.1	1.0	1.1	1.4	1.5	1.7	2.6			
AVG:		.44	.42	.41	.32	.32	.35	.35	.45	.44	.41	.42	.43	.43	.40	.41	.42	.40	.42	.45	.45	.42	.42	.45		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .41 MONTHLY MAX: 3.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.4	.3	.3	.4	.4	.3	.3	.3	.4	.3	.3	.4	.3	.4	.4	.3	.3	.3	.2	.2	.3	.3	.3	23	.4	
2	BF	.4	.3	.4	.4	.3	.4	.3	.3	.5	.6	.7	.7	.5	.3	.5	.4	.4	.4	.5	.4	.4	.5	.5	.5	23	.7
3	BF	.5	.5	.5	.4	.4	.4	.4	.4	.5	.7	.5	.5	.5	.4	.5	.4	.3	.5	.4	.5	.5	.5	.5	.5	23	.7
4	BF	.5	.4	.4	.5	.7	.8	.7	.7	1.2	.4	.4	.4	.5	.6	.6	.6	.5	.4	.5	.6	.6	.6	.7	23	1.2	
5	BF	.8	.7	.7	.7	.9	.9	1.0	1.0	1.0	.9	.8	.8	.8	.8	.9	.6	.6	.6	.7	.6	.7	.6	.7	23	1.0	
6	BF	.7	.5	.6	.8	.9	.8	.9	1.0	1.4	1.1	.9	.6	.7	.9	.7	.7	.8	.7	.7	.7	.8	.6	.7	23	1.4	
7	BF	.7	.6	.6	.6	.6	.7	.8	.7	.6	.5	.6	.6	.5	.5	.5	.5	.4	.4	.6	.6	.5	.5	.5	23	.8	
8	BF	.5	.6	.5	.4	.5	.5	.5	.6	.5	.4	.5	.4	.5	.5	.5	.6	.4	.4	.5	.6	.5	.5	.5	23	.6	
9	BF	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	.7	.7	.4	.5	.4	.3	.5	.4	.4	.4	.4	.4	.3	23	.7	
10	BF	.3	.4	.4	.3	.5	.3	.4	.4	.4	.4	.5	.5	.5	.4	.4	.4	.5	.4	.5	.6	.5	.5	.5	23	.6	
11	BF	.6	.5	.6	.5	.5	.5	.5	.4	.5	.5	.5	.5	.4	.4	.5	.5	.4	.5	.5	.4	.5	.4	.5	23	.6	
12	BF	.6	.6	.6	.6	.6	.6	.6	.6	.7	.5	.5	.5	.5	.6	.6	.4	.5	.5	.5	.5	.5	.5	.5	23	.7	
13	BF	.7	.5	.6	.6	.7	.6	.6	.6	.6	.6	.6	.6	.6	.7	.9	BA	.6	.6	.7	.7	.7	.7	.6	22	.9	
14	BF	.6	.7	.8	.7	.9	1.0	.8	.8	1.0	.8	.7	.9	1.0	.9	.8	.9	.7	.9	.9	1.0	.9	.9	1.0	23	1.0	
15	BF	1.1	.9	.9	1.0	.8	.7	.7	.6	.7	.8	.9	.9	.6	.5	.5	.5	.4	.4	.4	.4	.5	.5	.5	23	1.1	
16	BF	.5	.5	.5	.4	.4	.5	.5	.5	.6	.4	.6	.6	.5	.5	.6	.5	.5	.4	.6	.4	.6	.5	.5	23	.6	
17	BF	.6	.8	.8	.8	.6	.6	.7	.7	.6	.5	.6	.7	.6	.5	.5	.5	.5	.6	.6	.6	.5	.6	.5	23	.8	
18	BF	.5	.5	.6	.5	.6	.7	.5	.7	.7	.7	.7	.6	.6	.6	.5	.6	.5	.6	.6	.6	.5	.7	.7	23	.7	
19	BF	.7	.6	.6	.5	.5	.6	.6	.6	.8	1.2	1.9	1.1	.7	.9	1.2	1.2	1.1	.9	.9	.7	.7	.6	.8	23	1.9	
20	BF	.7	.6	.6	.7	.6	.7	.7	.7	.7	1.4	1.5	1.2	1.4	1.2	1.2	1.2	1.1	.9	.9	.7	.7	.8	.5	23	1.5	
21	BF	.9	.7	.6	.7	.5	.5	.5	.7	.8	.8	.7	.8	.7	.6	.6	.8	.7	1.2	1.2	1.1	.9	.9	.8	23	1.2	
22	BF	.9	.8	1.0	.9	1.2	1.3	1.3	1.4	1.5	1.5	1.2	1.0	1.1	.8	.6	.6	.6	.6	.6	.6	.6	.9	1.5	23	1.5	
23	BF	1.0	1.2	1.4	1.0	.6	.7	.7	.7	.7	.8	.7	.8	1.0	1.3	1.2	1.3	1.5	1.5	1.7	1.9	2.0	1.7	23	2.0		
24	AN	1.4	1.2	1.4	1.1	1.0	.9	.8	1.1	1.2	1.2	1.0	1.0	.9	.8	.9	.8	1.2	1.0	.9	.8	.8	.8	.7	23	1.4	
25	AN	.8	.7	.7	.5	.7	.9	.8	.9	.9	.8	.8	.7	.8	.8	.9	.9	.7	.7	.7	.8	.9	1.0	23	1.0		
26	AN	.8	.7	.6	.6	.6	.7	.7	.7	1.0	.8	.8	.7	.8	.8	.8	1.0	1.2	1.1	1.0	.9	.7	.8	.8	23	1.2	
27	BF	.8	.9	1.0	.9	.7	.6	.6	.7	.8	.7	.7	.7	.7	.6	.8	1.0	1.0	.8	.8	.6	.6	.6	.6	23	1.0	
28	BF	.7	.6	.7	.7	.7	.6	.7	.9	.7	.8	.6	.7	.5	.6	.5	.6	.6	.5	.4	.5	.5	.5	.5	23	.9	
29	BF	.5	.4	.6	.4	.4	.5	.5	.5	.6	1.2	.8	.6	.6	.7	.6	.6	.5	.5	.6	.6	.7	.7	.6	23	1.2	
30	BF	.7	.7	.6	.5	.6	.6	.6	.7	.8	.7	.7	.6	.8	.7	.7	.7	.8	.8	1.0	.9	.8	.9	1.0	23	1.0	
31	BF	1.0	.9	1.0	1.2	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.0	1.0	1.0	1.0	.9	1.0	.8	.9	.9	.9	1.0	23	1.2	
NO.:		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31			
MAX:		1.4	1.2	1.4	1.2	1.2	1.3	1.3	1.4	1.5	1.5	1.9	1.2	1.4	1.2	1.3	1.2	1.3	1.5	1.5	1.7	1.9	2.0	1.7			
AVG:		.69	.64	.68	.64	.65	.66	.66	.69	.77	.77	.76	.71	.68	.66	.68	.69	.66	.65	.68	.65	.66	.68	.69			

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .68 MONTHLY MAX: 2.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	1.0	1.0	1.0	.9	1.0	1.0	.9	.9	.9	.8	.7	.6	.7	.7	.5	.5	.5	.6	.7	.6	.7	.6	.5	23	1.0
2	BF	.7	.6	.5	.6	.7	.6	.7	.7	.7	.7	.7	.7	.7	.6	.6	.6	.7	.6	.5	.6	.6	.7	.7	23	.7
3	BF	.5	.5	.5	.5	.6	.5	.5	.5	.5	.6	.5	.6	.6	.6	.4	.5	.5	.5	.5	.4	.5	.5	.5	23	.6
4	BF	.5	.5	.5	.5	.6	.5	.5	.5	.6	.6	.6	.6	.6	.7	.6	.7	.6	.8	.8	.5	.6	.6	.6	23	.8
5	BF	.8	.6	.5	.6	.6	.6	.8	.7	.9	.9	.9	.8	.8	.7	.6	.5	.5	.6	.7	.7	.7	.6	.6	23	.9
6	BF	.7	.5	.5	.5	.6	.6	.6	.6	.6	1.0	.9	.7	.8	.7	.6	.8	.7	.6	.7	.7	.7	.8	.6	23	1.0
7	BF	.7	.8	.8	.9	.8	.9	.8	1.0	1.0	1.2	1.4	1.2	.9	1.2	1.4	1.9	1.1	1.0	.9	1.0	1.0	1.0	1.0	23	1.9
8	BF	1.0	1.0	.9	.9	.9	.9	.7	1.3	1.5	1.3	1.5	1.4	1.3	1.0	.9	.8	.7	.6	.5	.6	.5	.6	.5	23	1.5
9	BF	.6	.6	.5	.6	.5	.6	.5	.6	.7	.7	.8	.9	.5	.5	.7	.9	1.0	.8	.6	.7	.7	.7	.7	23	1.0
10	BF	.6	.6	.6	.6	.7	1.4	1.5	1.7	1.6	1.2	.9	.9	1.0	BA	.9	1.1	.8	.7	.7	.7	.7	.6	.7	22	1.7
11	BF	.7	.8	.8	.9	.8	.7	.7	1.0	1.0	1.0	.9	.9	.9	1.0	1.0	1.0	1.0	.9	.9	.8	.8	.8	1.2	23	1.2
12	BF	1.2	1.3	1.2	1.2	1.1	.9	.9	1.0	.9	1.1	1.1	1.1	1.0	1.0	1.1	1.0	.9	.7	.9	.8	.8	.7	.6	23	1.3
13	BF	.7	.7	.7	.7	.8	1.0	1.1	1.2	1.0	.9	1.1	1.0	.7	.8	.8	.9	.9	.8	.9	1.0	.8	.8	.8	23	1.2
14	BF	.8	.9	.9	1.0	1.2	1.4	8.1	2.4	1.9	1.3	1.0	.9	1.0	.9	.9	.9	.9	.9	1.1	1.1	1.1	.9	.9	23	8.1
15	BF	1.0	.8	.8	.8	1.0	1.0	1.1	1.0	.9	.9	.8	.7	.8	.6	.7	.6	.6	.7	.7	.6	.8	.7	.7	23	1.1
16	BF	.7	.7	.7	.7	.5	.6	.6	.6	.7	.7	.7	.9	.7	.8	.7	.7	.7	.7	.7	.7	.7	.7	.9	23	.9
17	BF	.9	.8	.7	.8	.7	.8	.7	.8	.9	1.2	1.0	1.0	.9	.7	.7	.7	.7	.7	.7	.9	.8	.7	.8	23	1.2
18	BF	.8	.8	.9	.8	.8	.8	.8	1.5	2.3	2.2	2.1	1.5	.9	.8	1.0	1.0	1.0	.9	.8	.9	.9	.9	.8	23	2.3
19	BF	.9	.7	.8	.8	.8	.7	.8	1.0	1.5	1.2	1.1	1.0	1.0	1.1	1.0	.9	.9	.9	.8	1.1	1.2	1.3	1.1	23	1.5
20	BF	1.1	1.0	1.2	1.0	1.1	.9	.9	.9	1.0	.9	.9	1.0	1.0	1.0	.9	.8	.8	.9	.8	.7	.8	.8	.8	23	1.2
21	BF	.8	.7	.8	.7	.6	.7	.7	.7	.7	.7	.8	1.0	.9	.9	.8	.8	.8	.7	.8	.8	.8	.7	.7	23	1.0
22	BF	.7	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.6	.8	.6	.6	.7	.7	.7	.6	.6	.7	23	.8
23	BF	.6	.7	.7	.7	.7	.6	.8	.8	.8	.8	.7	.6	.7	.6	.6	.6	.7	.7	.7	.6	.8	.6	.6	23	.8
24	BF	.7	.6	.6	.7	.6	.6	.6	.6	.6	.6	.7	.6	.6	.8	.8	AV	AV	.8	.6	.7	.6	.7	.6	21	.8
25	BF	.9	.8	.7	.7	.7	.7	.8	.7	.7	.7	.6	.7	.7	.7	.6	.6	.6	.6	.6	.7	.7	.7	.7	23	.9
26	BF	1.3	1.2	.8	1.0	1.0	.8	.9	.9	.8	.7	.7	.7	.7	.7	.7	.6	.5	.7	.8	.7	.7	.8	.6	23	1.3
27	BF	.8	.6	.7	.7	.8	.7	.7	1.0	1.2	1.1	1.0	1.0	.9	.9	.9	.9	.9	.9	.9	.9	1.0	.9	AE	22	1.2
28	BF	.9	.9	1.0	1.0	1.0	.9	.9	1.1	1.1	.9	.9	1.0	.9	.8	.8	1.0	.9	1.0	1.0	1.1	1.0	1.0	1.1	23	1.1
29	BF	1.1	1.2	1.3	1.2	1.2	1.1	1.2	1.2	1.1	1.1	1.1	.9	.9	1.0	1.0	1.2	1.1	1.1	1.0	.9	.9	.8	.8	23	1.3
30																									0	
31																									0	
NO.:		29	29	29	29	29	29	29	29	29	29	29	29	29	28	29	28	28	29	29	29	29	29	28		
MAX:		1.3	1.3	1.3	1.2	1.2	1.4	8.1	2.4	2.3	2.2	2.1	1.5	1.3	1.2	1.4	1.9	1.1	1.1	1.1	1.1	1.2	1.3	1.2		
AVG:		.82	.78	.77	.78	.79	.80	1.05	.95	.99	.96	.92	.88	.82	.79	.80	.82	.77	.76	.76	.77	.77	.75	.74		

MONTHLY OBSERVATIONS: 663 MONTHLY MEAN: .83 MONTHLY MAX: 8.1

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.8	.7	.7	.7	.8	.8	.9	.7	.9	1.1	1.0	.9	.9	.9	1.0	.9	1.0	1.0	1.1	1.0	1.0	1.1	1.1	23	1.1
2	BF	.9	.7	.7	.7	.7	.7	.7	.7	.7	BA	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	9	.9
3	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BC	BC	BC	BC	BC	.3	.2	.1	.1	.0	.0	.0	.0	.0	9	.3
4	BF	.0	.0	.0	-.1	-.1	-.1	-.1	.0	-.1	.0	.0	BA	.0	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	22	0.0
5	BF	.0	-.2	-.1	-.2	-.2	-.2	-.2	.0	.3	.3	.3	.1	.0	.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.3	23	.3
6	BF	-.2	-.2	-.4	-.4	-.3	-.3	-.4	-.3	-.3	-.1	-.2	-.1	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.3	-.3	23	-.1
7	BF	-.1	-.3	-.4	-.4	-.4	-.4	-.4	-.3	.0	-.1	-.1	-.2	-.3	-.3	-.2	-.1	-.2	-.3	-.3	-.3	-.2	-.2	-.2	23	0.0
8	BF	-.2	-.2	-.2	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	-.6	-.5	-.5	-.5	23	-.2
9	BF	-.5	-.5	-.5	-.7	-.7	-.8	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.6	-.7	-.6	-.6	-.6	-.7	-.6	-.6	23	-.5
10	BF	-.6	-.7	-.8	-.8	-.9	-.9	-.8	-.7	-.6	-.8	-.8	-.9	-.9	-.8	-.8	-.9	-.8	-.9	-.9	-.8	-.4	-.5	-.7	23	-.4
11	BF	-.8	-.9	-.8	-.8	-.8	-.9	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-1.0	-1.0	-.9	-.9	-1.1	-1.0	-.9	-.8	23	-.8
12	BF	-.8	-.8	-.9	-1.0	-1.0	-1.0	-1.0	-.8	-.7	-.7	-.7	-.5	-.7	-.6	-.8	-.9	-1.0	-1.0	-.9	-.9	-.9	-1.0	-1.0	23	-.5
13	BF	-.9	-1.0	-1.1	-1.0	-1.1	-1.1	-1.1	-1.1	-1.0	-.9	-1.0	-1.0	-1.0	-1.0	-.9	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	23	-.9
14	BF	-1.0	-1.2	-1.1	-1.2	-1.2	-1.2	-1.2	-.1.2	BC	BC	BC	BC	BC	.9	.8	.8	.8	.7	.8	.6	.7	.6	.6	18	.9
15	BF	.7	.5	.6	.5	.6	.5	.5	.5	.6	.6	.7	.6	.6	.7	.6	.7	.7	.8	.7	.7	.7	.7	1.1	23	1.1
16	BF	.9	.9	.9	.9	.8	.8	.9	.9	.9	.9	.9	1.0	.9	.9	.9	.9	.9	.8	.9	.9	.8	.6	.8	23	1.0
17	BF	.7	.7	.8	.7	.7	.7	.9	1.1	1.0	1.1	1.2	1.1	1.0	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	23	1.2
18	BF	.9	1.0	1.0	1.0	1.1	1.0	.9	1.0	1.1	1.0	1.0	1.0	.9	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.6	1.3	23	1.6
19	BF	1.2	1.0	.9	.9	.8	.9	.8	.8	.8	.9	1.1	1.3	1.0	.9	1.0	1.0	1.1	.8	1.4	.9	.7	.8	.7	23	1.4
20	BF	.7	.7	.6	.7	.7	.7	.7	.7	.6	.6	.6	.6	.7	.7	.6	.6	.6	.6	.6	.6	.6	.7	.6	23	.7
21	BF	.6	.6	.6	.6	.6	.6	.7	.8	.9	.9	.9	1.0	1.0	.9	.9	.8	.7	.7	.9	.9	1.1	1.1	1.1	23	1.1
22	BF	1.2	1.0	.9	.8	.8	.8	.8	1.0	.9	.9	1.0	1.0	1.0	.9	.9	.9	.9	.9	1.1	1.1	1.1	1.0	1.0	23	1.2
23	BF	1.3	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.1	.9	1.0	.9	.9	.7	.9	BA	.9	1.1	1.1	1.0	1.0	1.0	1.0	22	1.3
24	BF	1.0	.8	.8	.7	.7	.7	.7	1.0	1.0	1.0	.9	.7	.6	.6	.6	.6	.7	.7	.7	.7	.5	.5	.5	23	1.0
25	BF	.5	.4	.4	.4	.5	.3	.4	.5	.4	.3	.4	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.3	.2	23	.5
26	BF	.2	.3	.3	.4	.4	.4	.5	.5	.5	.5	.4	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.2	23	.5
27	BF	.3	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	23	.3
28	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.4	23	.4
29	BF	.6	.6	.5	.5	.4	.4	.5	.5	.5	.5	.5	.6	.6	.5	.5	.6	.4	.5	.5	.4	.4	.3	.4	23	.6
30	BF	.5	.4	.5	.4	.5	.4	.4	.4	.5	.6	.5	.6	.5	.6	.6	.6	.7	.9	.6	.6	.6	.6	.5	23	.9
31	BF	.5	.5	.5	.5	.4	.4	.4	.3	.3	.3	.3	.3	.3	.5	.4	.4	.3	.3	.2	.2	.2	.1	.0	23	.5
NO.:		30	30	30	30	30	30	30	29	28	28	27	28	29	30	29	30	30	30	30	30	30	30	30		
MAX:		1.3	1.2	1.2	1.2	1.2	1.1	1.2	1.1	1.1	1.1	1.2	1.3	1.0	.9	1.0	1.0	1.1	1.1	1.4	1.1	1.1	1.6	1.3		
AVG:		.28	.21	.20	.17	.16	.14	.17	.22	.30	.29	.29	.30	.24	.26	.26	.22	.23	.23	.26	.21	.23	.24	.23		

MONTHLY OBSERVATIONS: 678 MONTHLY MEAN: .23 MONTHLY MAX: 1.6

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	23	.1	
2	BF	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.2	.2	.4	.2	.3	.4	.3	.5	.3	.2	.3	.5	23	.5	
3	BF	.5	.4	.4	.4	.4	.6	.5	.5	.5	.5	.5	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	23	.6	
4	BF	.8	.6	.6	.6	.8	1.0	1.0	1.0	.9	.8	.5	.6	.5	.5	.5	.4	.5	.5	.5	.5	.5	.5	.4	23	1.0	
5	BF	.6	.6	.5	.7	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.4	.5	.5	.5	.7	.6	.6	.7	.6	23	.7	
6	BF	.7	.6	.5	.5	.6	.5	.7	.9	.8	.6	.7	.7	.6	.8	.9	.8	.8	.8	.8	1.0	.8	.7	.5	23	1.0	
7	BF	.6	.6	.5	.4	.4	.4	.4	.3	.3	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.3	.4	23	.6	
8	BF	.5	.4	.5	.6	.8	.7	.5	.6	.5	.6	.5	.5	.5	.6	.6	.5	.6	.5	.5	.6	.5	.5	.5	23	.8	
9	BF	.6	.5	.5	.5	.5	AE	.6	.6	.6	.5	.6	.6	.6	.6	.5	.6	.5	.5	.6	.7	.6	.7	.7	22	.7	
10	BF	.8	.7	.7	.6	.7	.7	.8	1.0	1.0	1.1	.9	.9	.9	.9	.8	.9	.9	.9	1.1	1.0	.9	.8	.9	23	1.1	
11	BF	.8	.9	.8	.8	.8	.8	.8	.7	.8	.7	.6	.5	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	23	.9	
12	BF	.7	.4	.3	.3	.4	.3	.2	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	23	.7	
13	BF	.2	.2	.3	.3	.5	.7	.5	.6	.6	.5	.5	.5	.6	.6	.6	.6	.7	.6	.5	.4	.5	.4	.5	23	.7	
14	BF	.4	.4	.4	.4	.3	.4	.3	.4	.5	.5	.5	.6	.6	.5	.6	.5	.5	.4	.5	.5	.5	.5	.4	23	.6	
15	BF	.5	.5	.5	.5	.5	.6	.7	.6	.6	.5	.5	BA	.5	.5	.5	.5	.5	.4	.5	.5	.5	.5	.6	22	.7	
16	BF	.5	.6	.6	.6	.5	.5	.5	.6	.8	.5	.6	.5	.6	.6	.6	.6	.6	.7	.6	.6	.6	.5	.5	23	.8	
17	BF	.6	.5	.5	.5	.5	.5	.5	.6	.9	.7	.9	1.0	.8	.8	.8	.8	.8	.7	.7	.6	.6	.6	.5	23	1.0	
18	BF	.5	.4	.4	.5	.5	.5	.6	1.8	1.6	1.0	.7	.6	.6	.6	.6	.5	.6	.5	.6	.5	.6	.5	.6	23	1.8	
19	BF	.6	.7	.8	.7	.7	.7	.6	.9	.8	.7	.9	.9	.8	.8	.8	.7	.7	.7	.9	.9	.9	.8	.8	23	.9	
20	BF	.8	.7	.6	.6	.5	.6	.5	.5	.4	.5	.5	.5	.4	.4	.5	.5	.5	.5	.5	.5	.5	.4	.5	23	.8	
21	BF	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.4	.4	.3	.4	.4	.4	.4	.5	.4	.3	.3	.4	.3	23	.6	
22	BF	.4	.4	.4	.3	.2	.2	.2	.3	.2	.2	.2	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.4	
23	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.1	.2	.1	.0	.1	.1	23	.2	
24	BF	.2	.2	.2	.1	.1	.3	1.0	.5	.3	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3	.2	23	1.0	
25	BF	.3	.2	.2	.2	.1	.2	.2	.5	.3	.2	.2	.1	.1	.1	.0	.1	.1	.1	.2	.1	.4	.3	.3	23	.5	
26	BF	.5	.4	.3	.3	.3	.3	.4	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.5	
27	BF	.2	.1	.1	.2	.2	.1	.2	.2	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.1	.0	.1	.1	.3	23	.3	
28	BF	.3	.0	.0	.0	.0	.0	.2	.1	.2	.1	.1	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3	
29	BF	.0	-.1	-.1	-.1	.0	-.1	-.1	.0	.0	.1	.2	.5	.4	.4	.3	.4	.3	.2	.0	.0	.0	.0	.0	23	.5	
30	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
31																										0	
NO.:	30	30	30	30	30	29	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	.8	.9	.8	.8	.8	1.0	1.0	1.8	1.6	1.1	.9	1.0	.9	.9	.9	.9	.9	.9	.9	1.1	1.0	.9	.8	.9			
AVG:	.45	.39	.38	.38	.39	.40	.43	.49	.47	.43	.42	.42	.40	.41	.39	.39	.40	.38	.41	.38	.39	.37	.38				

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .41 MONTHLY MAX: 1.8

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BF	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
2	BF	.0	-.1	.0	.0	.0	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.1	-.1	-.1	.0	.0	23	0.0	
3	BF	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	.0	23	0.0	
4	BF	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	23	0.0	
5	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0	
6	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1	
7	BF	.1	.0	.1	.9	.8	.8	.5	.3	.3	.3	.2	.2	.1	.2	.3	.2	.2	.3	.2	.3	.2	.2	.2	.2	23	.9	
8	BF	.2	.2	.2	.1	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	23	.2	
9	BF	.0	.0	.0	-.1	-.1	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1	
10	BF	.0	.0	.0	-.1	-.1	.0	.0	.2	.2	.2	.2	.2	.2	.4	.4	.3	.1	.2	.2	.1	.4	.3	.0	.0	23	.4	
11	BF	.0	-.1	-.1	-.1	-.1	-.1	-.2	.0	.0	.0	-.1	-.1	.0	.0	-.1	-.1	.0	.0	-.1	-.2	-.2	-.2	-.2	.0	23	0.0	
12	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	BA	.0	.0	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.2	-.1	.0	23	0.0	
13	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	.0	23	-.1	
14	BF	-.1	-.2	-.2	-.1	-.1	-.2	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	-.1	-.1	-.1	.0	23	.1	
15	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	23	.1	
16	BF	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.2	.2	.2	.1	.1	.2	.2	.3	.1	.1	.1	.0	.1	.1	23	.3	
17	BF	.4	.3	.3	.3	.2	.1	.2	.0	.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.1	.0	23	.4	
18	BF	-.1	-.2	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	23	0.0	
19	BF	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	.0	23	0.0	
20	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.1	.0	23	0.0	
21	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	.0	23	-.1
22	BF	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	.0	23	-.1	
23	BF	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.1	.0	23	-.1	
24	BF	.0	-.1	-.1	-.1	.0	.0	.0	.3	.4	.0	.0	.0	-.1	.0	.0	.1	.0	.0	-.1	-.1	-.1	-.1	.0	.0	23	.4	
25	BF	.0	.0	.0	-.1	-.1	-.1	.0	.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	.0	23	.1	
26	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	23	0.0	
27	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	-.1	-.1	.0	.0	-.1	-.1	-.2	-.1	.0	-.1	.0	23	0.0	
28	BF	-.1	-.2	-.2	-.3	-.3	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.3	.0	23	-.1	
29	BF	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.3	.0	23	-.2	
30	BF	-.1	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	-.3	.0	23	-.1	
31	BF	-.2	-.4	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.1	-.1	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	.0	23	-.1	
NO.:	31	31	31	31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31			
MAX:	.4	.3	.3	.9	.8	.8	.5	.3	.4	.3	.2	.2	.2	.4	.4	.3	.2	.3	.2	.3	.4	.3	.2	.2				
AVG:	-.03	-.09	-.07	-.07	-.07	-.07	-.06	-.04	-.02	-.03	-.03	-.03	-.04	-.03	-.03	-.05	-.04	-.05	-.04	-.07	-.08	-.08	-.09	-.10				

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: -.05 MONTHLY MAX: .9

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	-.2	-.3	-.3	-.4	-.4	-.4	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.1	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.4	23	-.1	
2	BF	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.4	-.3	-.3	23	-.1
3	BF	-.3	-.3	-.4	-.4	-.4	-.3	-.2	.0	.1	.0	.0	-.1	-.1	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	23	.1	
4	BF	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.1	.0	.0	-.2	-.2	-.3	23	0.0
5	BF	-.3	-.4	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	23	-.2	
6	AN	-.4	-.4	-.4	-.5	-.5	-.4	-.5	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.4	-.4	-.5	-.5	-.4	-.4	-.4	23	-.3	
7	BF	-.3	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.2	-.1	.2	.3	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	23	.3	
8	BF	-.3	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.1	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.3	-.2	-.4	23	0.0
9	BF	-.3	-.3	-.3	-.2	-.3	-.2	.2	.0	-.1	-.1	.0	BA	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	-.2	-.2	-.2	22	.2	
10	BF	-.1	-.2	-.3	-.2	-.2	-.2	.4	.1	.1	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	-.2	-.1	-.1	.0	23	.4	
11	BF	-.1	-.1	-.3	-.3	-.3	-.3	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.3	-.2	-.2	-.3	23	-.1	
12	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.1	.0	.0	.0	-.2	-.2	-.1	-.1	-.1	.0	-.1	-.2	-.1	-.2	-.2	-.2	-.3	23	0.0	
13	BF	-.2	-.4	-.4	-.3	-.4	-.3	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.3	-.2	23	0.0	
14	BF	-.1	-.2	-.2	-.1	-.2	-.1	-.1	-.1	.0	.0	.2	.3	.2	.0	.0	.0	.0	-.1	-.1	-.3	-.3	-.3	-.4	23	.3	
15	BF	-.3	-.4	-.4	-.4	-.5	-.4	-.3	-.4	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.2	-.4	-.3	-.4	-.4	-.4	-.4	23	-.2	
16	BF	-.3	-.5	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.3	23	-.1	
17	BF	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.1	.0	-.2	-.3	-.3	-.3	-.2	-.4	-.4	-.4	-.3	23	0.0	
18	BF	-.2	-.3	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.3	23	-.2	
19	BF	-.2	-.3	-.3	-.3	-.3	.0	.2	.0	-.2	-.3	-.2	-.3	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	23	.2	
20	BF	-.2	-.3	-.3	-.4	-.4	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.1	-.2	23	-.1	
21	BF	-.2	-.2	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.2	-.2	-.1	-.2	-.3	-.3	-.3	-.2	23	-.1	
22	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.4	-.3	23	-.1	
23	BF	-.3	-.3	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.4	-.3	23	-.2	
24	BF	-.3	-.5	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.3	-.3	-.4	-.4	-.3	-.3	-.2	-.3	-.4	-.3	-.4	-.4	-.5	-.5	-.6	23	-.3
25	AV	-.7	-.5	-.6	-.6	-.6	-.6	-.5	-.3	-.5	-.4	-.4	-.5	-.5	-.4	-.5	-.5	-.5	-.4	-.5	-.3	-.5	-.5	-.6	23	-.3	
26	AV	-.6	-.6	-.6	-.7	-.7	-.6	-.6	-.5	-.5	-.4	-.4	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.6	23	-.3	
27	AV	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.5	-.5	-.5	-.4	-.4	BA	-.4	-.4	-.4	-.4	-.5	-.4	-.4	-.5	-.5	-.5	22	-.4	
28	BF	-.5	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.7	-.6	-.6	-.6	-.7	-.6	-.7	-.7	-.7	-.6	23	-.5	
29	BF	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.6	-.6	-.6	-.7	23	-.3	
30	AV	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.6	-.5	-.6	-.5	-.6	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.7	23	-.5	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	-.1	-.1	-.2	-.1	-.2	0.0	.4	.1	.1	0.0	.2	.3	.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
AVG:	-.31	-.37	-.37	-.39	-.41	-.36	-.27	-.25	-.25	-.23	-.23	-.24	-.23	-.23	-.26	-.24	-.24	-.24	-.27	-.28	-.32	-.33	-.35	-.37			

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: -.30 MONTHLY MAX: .4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.6	-.6	-.6	-.7	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.6	23	-.4
2	BF	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.7	23	-.5
3	BF	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	23	-.6
4	BF	-.6	-.7	-.6	-.6	-.7	-.7	-.7	-.6	-.7	-.7	-.7	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.6	23	-.6
5	BF	-.5	-.6	-.6	-.6	-.7	-.7	-.7	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.7	23	-.5
6	AV	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.5	-.5	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	23	-.5
7	BF	-.5	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.8	-.7	-.8	23	-.5
8	BF	-.6	-.7	-.7	-.7	-.7	-.6	-.4	-.4	-.3	-.5	-.4	-.6	-.5	-.6	-.6	-.5	-.6	-.5	-.6	AV	AV	-.7	-.7	21	-.3
9	BF	-.6	-.7	-.7	-.7	-.7	-.8	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	23	-.5
10	BF	-.6	-.6	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	23	-.4
11	BF	-.5	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.7	-.7	23	-.5
12	BF	-.7	-.7	-.7	-.7	-.7	-.8	-.8	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.7	-.6	-.6	23	-.5
13	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.5	-.5	BA	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.6	-.5	-.6	22	-.4
14	BF	-.5	-.6	-.6	-.7	-.7	-.7	-.6	-.6	-.6	-.5	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	23	-.5
15	BF	-.5	-.6	-.7	-.7	-.6	-.6	-.5	-.5	-.4	-.5	-.4	-.5	-.6	-.5	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.7	-.7	23	-.4
16	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.7	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	23	-.6
17	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.5	-.6	-.5	-.5	-.7	-.6	-.6	-.6	-.6	-.6	-.6	23	-.5
18	BF	-.5	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.5	-.5	-.6	-.5	-.6	-.6	-.7	-.6	-.6	23	-.5
19	BF	-.5	-.6	-.6	-.6	-.7	-.6	-.6	-.5	-.5	-.6	-.6	-.5	-.5	-.6	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.7	23	-.5
20	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.4	-.4	-.4	-.3	-.4	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	23	-.3
21	BF	-.6	-.6	-.7	-.7	-.7	-.6	-.7	-.7	-.6	-.6	-.6	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.7	23	-.5
22	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.3	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.7	-.7	23	-.3
23	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.2	-.1	-.3	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	23	-.2
24	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.5	-.5	-.6	-.5	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	23	-.5
25	BF	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	BC	BC	BC	BC	-.4	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	19	-.4
26	BF	-.2	-.0	-.1	-.1	-.0	-.0	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.1	-.0	23	-.2
27	BF	-.2	-.1	-.0	-.1	-.0	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	23	-.2
28	BF	-.1	-.0	-.0	-.0	-.0	-.1	-.1	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	23	-.2
29	BF	-.2	-.1	-.1	-.1	-.1	-.0	-.0	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.0	23	-.2
30	BF	-.2	-.1	-.1	-.1	-.1	-.0	-.1	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	23	-.3
31	BF	-.1	-.1	-.0	-.0	-.0	-.0	-.1	-.1	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.0	-.0	23	-.2
NO.:		31	31	31	31	31	31	31	31	31	30	29	30	30	31	31	31	31	31	31	30	30	31	31		
MAX:		-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.3	-.3	-.2	-.2	-.2	-.2	-.4	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.1	-.1	
AVG:		-.43	-.52	-.53	-.54	-.55	-.54	-.50	-.44	-.40	-.39	-.37	-.39	-.40	-.38	-.39	-.39	-.40	-.41	-.42	-.46	-.46	-.48	-.49		

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: -.45 MONTHLY MAX: .4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.2	.2	.1	.1	.2	.2	.2	.1	.2	.3	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.0	.1	23	.3	
2	BF	.2	.1	.0	.1	.0	.1	.1	.1	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.2
3	BF	.1	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.0	.0	.0	.1	.0	.0	23	.2
4	BF	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.2	.1	.2	.1	.2	.1	.1	.1	.0	.1	.0	.0	.0	23	.2
5	BF	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	23	.2
6	BF	.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	.0	.0	.0	.0	23	.2
7	BF	.1	.0	.1	.0	.0	.0	-.1	.0	.0	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
8	BF	.1	.0	.0	.0	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.1	23	.1
9	BF	.1	.0	.0	-.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	23	.1
10	BF	.1	.1	.1	.0	.0	.1	.0	.1	.1	.2	.1	.1	BA	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	22	.2
11	BF	.1	.0	.0	.0	.0	.1	.1	.1	.2	.2	.1	.1	.2	.1	.2	.1	.1	.1	.2	.1	.0	.1	.1	.1	23	.2
12	BF	.1	.0	.0	.0	.1	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	23	.2
13	BF	.2	.0	.0	.0	.1	.0	.1	.0	.1	.1	.1	.1	.2	.2	.1	.2	.2	.2	.1	.0	.1	.0	.1	.1	23	.2
14	BF	.1	.1	.0	.1	.0	.1	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	23	.2
15	BF	.1	.0	.1	.1	.0	.1	.1	.1	.2	.2	.3	.2	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.2	.1	23	.3
16	BF	.2	.1	.1	.1	.0	.1	.1	.1	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	23	.2
17	BF	.2	.1	.0	.1	.1	.0	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	23	.2
18	BF	.1	.1	.1	.0	.1	.0	.1	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	23	.2
19	BF	.1	.1	.1	.1	.0	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.0	.1	.1	.0	.0	.0	.0	.0	23	.2
20	BF	.0	-.1	-.1	.0	.0	.0	-.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.2
21	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	-.1	.0	.0	.0	-.1	23	.1
22	BF	.0	-.1	.0	.0	.0	.0	.0	.1	.3	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.1	.1	.0	.0	.0	23	.3
23	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.1	.2	.2	.2	.1	.2	.2	.2	.2	.1	.1	.0	.1	.0	23	.2
24	BF	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.0	.1	.0	.0	.0	23	.3
25	BF	.1	.0	.0	.0	.0	.0	.0	.2	.3	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.1	.1	.1	.1	.0	23	.3
26	BF	.1	.1	.1	.1	.0	.0	.1	.5	.4	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.0	.1	.1	.2	23	.5
27	BF	.1	.1	.1	.1	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	23	.2
28	BF	.0	.0	.0	-.1	.0	.0	.0	.0	.1	.2	.2	.2	.1	.2	.1	.2	.1	.1	.1	.0	.0	.1	.0	.0	23	.2
29	BF	.1	.0	.1	.1	.0	.0	.0	.1	.1	.3	.2	.3	.2	.2	.2	.2	.3	.2	.2	.1	.1	.1	.1	.0	23	.3
30	BF	.1	.0	.0	.1	.0	.0	.3	15.6	AZ	AZ	.3	.3	.3	.3	.2	.3	.2	.2	.2	.1	.1	.0	.0	.0	21	15.6
31	BF	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.1	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	23	.2
NO.:		31	31	31	31	31	31	31	31	30	30	31	31	30	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.2	.2	.1	.1	.2	.2	.3	15.6	.4	.3	.3	.3	.3	.3	.2	.3	.3	.3	.2	.2	.1	.2	.2	.2		
AVG:		.10	.04	.03	.04	.03	.03	.05	.61	.15	.15	.15	.16	.16	.15	.15	.15	.15	.14	.13	.08	.06	.05	.05	.03		

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .12 MONTHLY MAX: 15.6

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM			
1	BF	.1	.1	.0	.0	.0	.0	.0	.1	.2	.2	.1	.2	.1	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.3		
2	BF	.1	.0	.0	.0	-.1	.0	-.1	.0	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	.0	23	.1		
3	BF	.0	.0	.1	.0	.1	.1	.0	.1	.1	.1	.2	.2	.2	.2	.4	.3	.1	.1	.1	.1	.4	.3	.0	.0	23	.4		
4	BF	.1	.0	.0	.0	.0	.0	.1	.2	.3	.2	.1	.1	.2	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	23	.3	
5	BF	.1	.0	.0	.1	.1	.0	.1	.0	.7	.4	.5	.4	.3	.2	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.0	23	.7	
6	BF	.1	.1	.1	.1	.1	.1	.4	.4	.3	.3	.5	.5	BA	.5	.5	.6	.5	.4	.4	.4	.4	.3	.2	.2	.2	22	.6	
7	BF	.2	.2	.3	.3	.4	.4	.4	.3	.2	.3	.3	.5	.6	.5	.3	.2	.2	.2	.3	.4	.3	.2	.2	.2	.2	23	.6	
8	BF	.2	.2	.2	.1	.1	.1	.4	.4	.4	.3	.3	.3	.3	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.1	.1	23	.4	
9	BF	.3	.2	.3	.2	.2	.2	.3	.3	.3	.3	.2	.2	.3	.4	.3	.3	.3	.2	.2	.2	.2	.3	.2	.3	.2	23	.4	
10	BF	.3	.4	.3	.3	.1	.1	.3	.3	.3	.3	.2	.3	.2	.2	.2	.2	.2	.1	.2	.2	.2	.4	.5	.3	.2	23	.5	
11	BF	.2	.3	.3	.3	.2	.3	.2	.2	.3	.3	.3	.3	.3	.2	.2	.1	.2	.2	.1	.0	.0	.1	.1	.1	.1	23	.3	
12	BF	.1	.1	.0	.0	.1	.1	.1	.2	.2	.2	.3	.2	.2	.3	.2	.2	.2	.1	.0	.1	.0	.0	.0	-.1	.1	23	.3	
13	BF	.1	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	23	.2	
14	BF	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.2	.2	.3	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	23	.3	
15	BF	.0	.0	.0	.0	.0	-.1	.0	AE	AE	AE	.2	AE	AE	AE	AE	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	16	.2	
16	BF	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.1
17	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.0	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	23	.1
18	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	-.1	.1	23	.2	
19	BF	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	.0	-.1	.0	-.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	23	.1	
20	BF	.1	.2	.2	.2	.1	.1	.1	.2	.2	.3	.3	.3	.3	.3	.1	.2	.2	.2	.3	.4	.4	.4	.4	.5	.5	.5	23	.5
21	BF	.5	.4	.3	.3	.3	.4	.3	.3	.3	.3	.4	.3	.3	.4	.4	.3	.3	.4	.4	.3	.4	.4	.4	.5	.5	.5	23	.5
22	BF	.4	.4	.4	.4	.3	.3	.3	.3	.4	.3	.3	.3	.3	.4	.3	.4	.4	.4	.3	.3	.4	.4	.4	.4	.4	.4	23	.4
23	BF	.5	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	23	.5
24	BF	.5	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	.8	.8	1.0	.9	.9	.8	.6	.5	.4	.5	.4	.5	.4	.5	.5	23	1.0
25	BF	.4	.4	.4	.3	.4	.3	.3	.3	.3	.3	.4	.4	.3	.4	.3	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.4
26	BF	.4	.4	.3	.3	.3	.3	.3	.4	.4	.4	.4	.5	.5	.5	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	23	.5
27	BF	.4	.3	.3	.3	.3	.3	.3	.3	.4	.4	.3	.4	.5	.4	.5	.5	.5	.4	.5	.4	.4	.4	.4	.4	.4	.4	23	.5
28	BF	.4	.3	.3	.3	.4	.4	.3	.4	.3	.5	.4	.4	.4	.4	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
29	BF	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	23	.2
30	BF	.1	.0	.1	.1	.0	.1	.1	.0	.1	.1	.1	.2	.1	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.2
31																												0	
NO.:	30	30	30	30	30	30	30	30	29	29	29	30	29	28	29	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.5	.4	.4	.4	.4	.4	.4	.4	.4	.7	.5	.5	.8	.8	1.0	.9	.9	.9	.8	.6	.5	.4	.5	.5	.5	.5	.5		
AVG:	.19	.16	.16	.15	.14	.14	.14	.16	.20	.23	.22	.24	.27	.25	.29	.24	.26	.23	.20	.18	.17	.19	.17	.15	.15	.15			

MONTHLY OBSERVATIONS: 682 MONTHLY MEAN: .20 MONTHLY MAX: 1.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BF	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.3	.3	.4	.4	.4	.4	.3	.1	.1	.1	.1	.1	.1	.1	23	.4	
2	BF	.1	.1	.1	.0	.1	.2	.1	.1	.2	.3	.4	.4	.3	.3	.3	.3	.3	.2	.1	.1	.2	.1	.1	.1	23	.4	
3	BF	.2	.1	.1	.2	.1	.1	.1	.1	.5	1.3	.6	.6	.5	.4	.3	.2	.2	.1	.1	.1	.1	.1	.1	.0	23	1.3	
4	BF	.1	.1	.1	.2	.1	.1	.1	.1	.0	.2	.3	BA	BA	.3	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	21	.3	
5	BF	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	BA	0		
6	BA	BA	BA	BA	BA	BA	BA	BA	BC	BC	BC	BC	BC	.9	.7	.6	.5	.6	.6	.5	.5	.5	.5	.5	.5	11	.9	
7	BF	.7	.5	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.4	.3	.4	23	.7	
8	BF	.6	.4	.5	.4	.4	.3	.4	.3	.3	.4	.4	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	11	.6	
9	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0		
10	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0		
11	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV	0		
12	AV	AV	AV	AV	AV	AV	AV	AV	AV	BC	BC	BC	BC	.6	.5	.4	.5	.5	.4	.4	.4	.4	.3	.3	.4	10	.6	
13	BF	.6	.4	.4	.4	.4	.3	.4	.5	.3	.4	.5	.6	.6	.6	.6	.6	.5	.4	.4	.4	.3	.3	.3	.3	23	.6	
14	BF	.5	.3	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.4	.4	.4	.4	.4	.3	.3	23	.6	
15	BF	.4	.4	.3	.3	.3	.3	.3	.4	.7	.7	.5	.4	.5	.5	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	23	.7	
16	BF	.4	.3	.3	.2	.3	.3	.3	.3	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	23	.4	
17	BF	.3	.3	.2	.2	.2	.3	.3	.3	.4	.6	.4	.4	.4	.3	.2	.3	.3	.2	.3	.2	.3	.2	.3	.2	23	.6	
18	BF	.3	.3	.2	.2	.2	.2	.2	.3	.4	.3	.3	.3	.3	.3	.4	.4	.3	.2	.2	.2	.2	.3	.2	.2	23	.4	
19	BF	.4	.2	.2	.1	.2	.1	.2	.2	.3	.3	.4	.4	.4	.3	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	23	.4	
20	BF	.2	.2	.1	.2	.2	.1	.1	.1	.2	1.8	.5	.2	.2	.2	.3	.2	.2	.1	.2	.2	.1	.2	.1	.2	.1	23	1.8
21	BF	.3	.2	.1	.1	.1	.1	.0	.0	.2	.2	.2	.2	.1	.1	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	23	.3	
22	BF	.2	.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.0	23	.2	
23	BF	.2	.1	.1	.0	.1	.1	.1	1.0	.6	.3	.2	.2	.1	.2	.4	.3	.3	.3	.2	.2	.2	.2	.1	.1	23	1.0	
24	BF	.3	.3	.2	.2	.3	.3	.3	.6	.8	.7	.6	.7	.7	.9	.9	.8	.5	.4	.3	.2	.2	.2	.3	.2	23	.9	
25	BF	.2	.1	.0	.0	.2	.2	.4	.6	.3	.3	.3	.3	.3	.4	.3	.3	.3	.1	.1	.0	.1	.0	.0	.0	23	.6	
26	BF	.1	.1	.0	.1	.1	.0	.1	.1	.1	.2	.2	.2	.3	.2	.2	.1	.2	.1	.0	.0	.0	.1	.0	.0	23	.3	
27	BF	.1	.1	.0	.0	.0	.0	.1	.0	.2	.3	.3	.2	.2	.3	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	.3	
28	BF	.1	.1	.0	.0	.0	.0	.0	.0	.2	.3	.2	.0	.0	-1.1	.0	-1.1	-1.1	.0	.0	-1.1	.0	-1.1	.0	-1.1	.0	23	.3
29	BF	.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	.2	.1	.1	.1	.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	23	.2	
30	BF	.3	.1	.0	.0	-1.1	-1.1	-1.1	.0	.1	.1	.1	.0	.0	.0	.0	.0	-1.1	.0	-1.1	.0	-1.1	-1.1	-1.1	-1.1	23	.3	
31	AN	-1.1	-1.2	-1.1	-1.1	-1.1	-1.2	-1.1	.2	.1	.1	.1	.0	.0	.0	.0	.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2	-1.1	23	.2	
NO.:		25	25	25	25	25	25	25	25	25	24	23	25	26	26	26	26	26	26	26	26	26	26	26	26			
MAX:		.7	.5	.5	.4	.4	.4	.4	1.0	.8	1.8	.6	.7	.9	.9	.9	.8	.6	.6	.5	.5	.5	.5	.5	.5			
AVG:		.26	.18	.14	.14	.16	.14	.16	.25	.29	.42	.33	.30	.32	.32	.31	.27	.25	.19	.18	.17	.16	.14	.13				

MONTHLY OBSERVATIONS: 582 MONTHLY MEAN: .23 MONTHLY MAX: 1.8

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	-1	-1	-2	-1	.0	.1	.1	.2	.2	.1	.1	.1	.0	.0	.0	-1	-1	-1	-1	-2	-2	-1	-2	23	.2	
2	BF	-2	-2	-2	-2	-2	-2	-2	-1	-2	-1	-1	.0	.0	.0	.0	.0	-2	-2	-2	-2	-2	-3	-2	23	0.0	
3	BF	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-1	.1	.0	.0	.0	.0	-1	-1	.0	.0	.0	.0	.0	23	.1	
4	BF	-1	-2	-2	-2	-3	-2	-2	-3	-1	-2	-2	-1	.1	-2	-2	-1	-2	-3	-2	-2	-2	-3	-2	23	.1	
5	BF	-2	-3	-2	-2	-2	-3	-3	-2	.0	.2	.1	.3	.2	.2	.1	.0	-1	-2	-2	-2	-2	-2	-3	23	.3	
6	BF	-1	-2	-2	-2	-2	-3	-3	-3	-2	.0	.2	.1	.1	.0	.1	.0	.1	-1	-1	-2	-2	-2	-2	23	.2	
7	BF	-1	-2	-2	-2	-2	-2	-2	-2	-1	.0	.0	.0	-1	-1	.0	-1	-1	.0	-2	-2	-1	-2	-1	23	0.0	
8	BF	-2	-3	-2	-2	-2	-2	-2	-2	-2	-1	.1	.2	.1	.0	-1	-1	-1	-2	-2	-1	-2	.0	.3	23	.3	
9	BF	.1	.0	.0	.0	-1	-1	-1	.0	.1	.1	.1	.0	BA	-2	-3	-3	-3	-2	-3	-3	-2	-2	-3	22	.1	
10	BF	-3	-3	-3	-3	-2	-2	-3	-2	-2	-1	-1	-1	-1	-1	.0	.0	-1	-2	-1	.0	-1	.0	-1	23	0.0	
11	BF	-1	-2	-2	-1	-1	-1	.0	.1	.3	.1	.0	.0	.0	.1	.1	.3	.2	.1	.1	.0	-1	-1	-1	23	.3	
12	BF	-1	.2	.0	-1	.1	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	-1	-2	-1	-1	-2	-2	23	.2	
13	BF	-2	-2	-2	-2	-4	-2	-2	-3	-2	-1	.3	.3	.0	-1	-2	-2	-3	-3	-3	-3	-3	-3	-3	23	.3	
14	BF	-3	-3	-3	-3	-2	-2	-2	-3	-3	-3	-3	-3	-3	-2	-3	-3	-4	-3	-3	-4	-3	-3	-3	23	-.2	
15	BF	-2	-2	-2	-3	-3	-3	-3	-3	-3	-1	.1	.1	.3	.4	.1	.0	-1	-1	-3	-3	-3	-3	-3	23	.4	
16	BF	-3	-3	-3	-3	-4	-3	-3	-4	-3	.0	.4	.3	.2	.1	-1	-1	-2	-2	-1	-1	.0	-1	-2	23	.4	
17	BF	-3	-4	-3	-3	-4	-3	-4	-3	-2	.1	.0	.0	.0	.1	.0	.0	-2	-3	-3	-3	-4	-4	-4	23	.1	
18	BF	-4	-3	-4	-4	-4	-4	-4	-4	-4	-2	.0	.0	.1	.1	.0	.0	-1	-2	-2	-1	.0	-2	.1	23	.1	
19	BF	.1	.1	-1	-2	-3	-4	-4	-2	-1	-2	-1	-2	-3	-3	-6	-5	-5	-5	-5	-5	-5	-5	-5	23	.1	
20	BF	-4	-4	-5	-4	-5	-5	-4	-3	-4	-5	-4	-5	-5	-4	-4	-4	-4	-3	-4	-3	-4	-4	-4	23	-.3	
21	BF	-3	-3	-3	-4	-4	-4	-3	-3	-3	-2	-2	-2	-3	-2	-2	-2	-2	-3	-3	-3	-3	-2	-2	23	-.2	
22	BF	-2	-3	-3	-3	-3	-4	-3	-4	-3	-3	-2	-2	BA	-2	-2	-2	-3	-4	-3	-3	-4	-4	-4	22	-.2	
23	BF	-3	-4	-5	-4	-4	-3	-5	-4	-4	-1	.1	-1	.0	.0	.0	-1	-2	-1	-2	-1	-1	-1	.0	23	.1	
24	BF	.0	-2	-2	-3	-3	-4	-3	-4	-2	-1	.0	-1	-3	-3	-3	-3	-4	-5	-4	-4	-4	-5	-5	23	0.0	
25	BF	-5	-4	-5	-5	-5	-5	-5	-5	-4	-3	-3	-4	-3	-4	-4	-3	-3	-3	-3	-3	-3	-3	-4	23	-.3	
26	BF	-4	-3	-3	-5	-4	-4	-5	-4	-4	-3	-4	-4	-4	-3	-3	-2	-3	-4	-3	-3	-4	-4	-4	23	-.2	
27	BF	-4	-5	-4	-4	-4	-5	-4	-4	-4	-3	-2	-2	-3	-3	-4	-4	-4	-4	-5	-5	-5	-4	-5	23	-.2	
28	BF	-4	-5	-4	-5	-5	-5	-5	-5	-4	-3	-3	-3	-3	-3	-3	-2	-3	-3	-3	-3	-3	-4	-3	23	-.2	
29	BF	-4	-5	-6	-5	-5	-6	-6	-6	-5	-5	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	-6	23	-.4	
30	BF	-6	-6	-6	-7	-7	-7	-6	-6	-7	-6	-7	-6	-6	-6	-6	-5	-6	-6	-6	-6	-7	-6	-6	23	-.5	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	28	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.1	.2	0.0	0.0	.1	.1	.1	.1	.2	.3	.2	.4	.3	.3	.4	.1	.3	.2	.1	.1	0.0	0.0	0.0	.3			
AVG:	-.24	-.27	-.28	-.30	-.30	-.31	-.30	-.28	-.22	-.15	-.09	-.10	-.11	-.13	-.17	-.16	-.23	-.26	-.26	-.26	-.26	-.27	-.28	-.26			

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: -.23 MONTHLY MAX: .4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-105-0002 POC: 1
 COUNTY: (105) Lee
 CITY: (59280) Sanford
 SITE ADDRESS: 4110 Blackstone Drive
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.6	-.7	-.7	-.7	-.8	-.7	-.6	-.6	-.6	-.5	-.6	-.5	-.5	-.5	-.3	-.3	-.4	-.6	-.7	-.6	-.5	-.6	-.6	23	-.3
2	BF	-.5	-.4	-.5	-.5	-.6	-.5	-.6	-.6	-.5	-.4	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.2	-.1	-.2	-.3	-.4	-.4	23	-.1
3	BF	-.3	-.4	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.5	-.5	-.5	-.5	23	-.3
4	BF	-.3	-.4	-.3	-.4	-.4	-.5	-.5	-.4	-.4	-.3	-.5	-.4	-.4	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	23	-.3
5	BF	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.3	-.4	-.5	-.5	-.5	-.6	-.6	23	-.3
6	BF	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.6	23	-.5
7	BF	-.5	-.6	-.6	-.6	-.5	-.6	-.6	-.6	-.6	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.7	-.7	-.6	-.6	-.6	-.6	23	-.5
8	BF	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.4	-.3	-.3	-.3	-.4	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.4	-.5	23	-.3
9	BF	-.3	-.3	.0	.4	.1	-.3	-.4	-.3	-.2	-.3	-.3	-.3	-.2	-.3	-.2	-.1	-.1	-.1	-.2	-.3	-.3	-.3	-.4	23	.4
10	BF	-.3	-.3	-.1	-.3	-.3	-.4	-.4	-.3	-.1	-.4	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.2	-.2	-.3	-.1	-.2	-.3	23	0.0
11	BF	-.4	-.4	-.5	-.4	-.4	-.3	-.4	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.4	23	-.2
12	BF	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.4	-.5	-.4	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	23	-.4
13	BF	-.6	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	23	-.5
14	BF	-.6	-.7	-.6	-.6	-.6	-.7	-.6	-.6	-.4	BA	-.5	-.5	-.6	-.5	-.6	-.5	-.5	-.5	-.6	-.6	-.6	-.6	-.6	22	-.4
15	BF	-.5	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.5	-.5	-.4	-.3	-.4	-.4	-.5	-.4	-.4	-.3	-.4	-.5	-.5	-.4	-.3	23	-.3
16	BF	-.2	-.1	-.1	.5	.5	1.4	1.7	.7	.0	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	23	1.7
17	BF	-.5	-.5	-.5	-.6	-.5	-.5	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.5	-.6	23	-.5
18	BF	-.5	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.8	-.8	-.7	-.6	-.7	23	-.5
19	BF	-.6	-.7	-.7	-.7	-.6	-.5	-.5	-.6	-.5	-.5	-.6	-.6	-.6	-.5	-.5	-.4	-.5	-.5	-.4	-.6	-.5	-.4	-.4	23	-.4
20	BF	-.4	-.5	-.6	-.5	-.2	-.2	-.1	-.1	.0	-.1	-.2	-.4	-.3	-.4	-.5	-.6	-.6	-.6	-.7	-.6	-.6	-.6	-.6	23	0.0
21	BF	-.6	-.6	-.5	-.4	-.4	-.6	-.6	-.6	-.7	-.7	-.6	-.6	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.5	-.5	23	-.4
22	BF	-.5	-.6	-.5	-.4	-.3	.1	-.2	-.4	-.4	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.3	.0	-.2	-.2	-.2	23	.1
23	BF	-.2	-.2	-.2	-.3	.0	.0	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	23	0.0
24	BF	-.5	-.6	-.5	-.4	-.4	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.5	-.5	-.4	-.3	-.3	-.4	-.5	-.6	-.6	-.6	23	-.3
25	BF	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.7	-.7	-.7	23	-.6
26	BF	-.5	-.5	-.6	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.7	-.5	-.5	-.7	-.8	-.8	-.8	-.8	-.8	23	-.5
27	BF	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.9	-.8	-.8	-.8	-.8	23	-.7
28	BF	-.8	-.8	-.9	-.8	-.8	-.8	-.8	-.8	-.7	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	23	-.6
29	BF	-.6	-.6	-.5	-.6	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.6	-.6	-.7	-.8	-.7	-.6	-.7	-.8	-.8	-.8	-.7	-.7	23	-.5
30	BF	-.6	-.6	-.6	-.6	-.6	-.7	-.6	-.6	-.4	-.5	-.6	-.7	-.8	-.6	-.7	-.6	-.7	-.6	-.6	-.7	-.7	-.7	-.7	23	-.4
31	BF	-.6	-.7	-.7	-.7	-.6	-.7	-.6	-.7	-.6	-.6	-.5	-.3	.0	.3	.1	-.2	-.4	-.3	-.4	-.4	-.4	-.4	-.4	23	.3
NO.:		31	31	31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		-.2	-.1	0.0	.5	.5	1.4	1.7	.7	0.0	-.1	-.2	-.2	0.0	.3	.1	0.0	-.1	-.1	-.1	0.0	-.1	-.2	-.2		
AVG:		-.50	-.54	-.52	-.49	-.47	-.46	-.46	-.50	-.46	-.47	-.47	-.47	-.47	-.46	-.48	-.46	-.49	-.50	-.53	-.54	-.53	-.53	-.54		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: -.49 MONTHLY MAX: 1.7

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

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

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.3	.4	.3	.3	.3	.3	.4	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.4	.5	.4	.4	.5	23	.5	
2	BF	.4	.4	.3	.3	.3	.3	.3	.2	.2	.2	.2	.3	.3	.2	.3	.3	.4	.3	.3	.3	.3	.4	.3	23	.4	
3	BF	.5	.3	.4	.4	.5	.4	.4	.5	.6	.6	.6	.6	.6	.5	.6	.6	.6	.5	.6	.6	.6	.6	.6	23	.6	
4	BF	.9	.8	.7	.6	.6	.6	.6	.6	.7	.6	.6	.6	.7	.6	.6	.6	.5	.8	.7	.8	.8	.7	.7	23	.9	
5	BF	.6	.5	.5	.6	.4	.5	.6	.5	.6	.6	.6	.6	.6	.6	.6	.7	.6	.7	.7	.8	1.0	.9	.7	23	1.0	
6	BF	.7	.6	.6	.6	.7	.7	.8	.7	.7	.7	.7	.8	1.2	1.2	1.0	.9	1.1	.8	.6	.6	.6	1.9	1.0	23	1.9	
7	BF	2.2	1.6	.5	.5	.5	.5	.4	.4	.4	.4	.4	.3	.3	.3	.3	.4	.3	.3	.4	.3	.4	.4	.4	23	2.2	
8	BF	.4	.4	.3	.3	.4	.5	.4	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.4	.4	23	.5	
9	BF	.5	.4	.5	.4	.5	.4	.5	.5	.4	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.7	.7	.7	.7	23	.7	
10	BF	.8	.7	.8	.7	.7	.8	.9	.9	.9	.9	.9	.9	.9	.9	.8	.8	.9	.9	.9	.8	1.2	.9	.8	23	1.2	
11	BF	.8	.7	.7	.7	.8	1.1	1.1	1.0	.8	.8	.7	.7	.7	.7	.6	.6	.6	.6	.6	.6	.5	.5	.5	23	1.1	
12	BF	.6	.5	.5	.5	.5	.5	.6	.6	BA	.5	.5	.4	.5	.4	.4	.4	.4	.5	.4	.4	.5	.5	.5	22	.6	
13	BF	.5	.5	.4	.5	.6	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	1.0	1.0	.6	.6	.7	.5	.5	.5	23	1.0	
14	BF	.6	.6	.5	.5	.6	.5	.6	.6	.6	.5	.6	.6	.6	.6	.6	.6	.6	.9	.9	.7	.6	.6	.6	23	.9	
15	BF	.6	.5	.6	.6	.6	.6	.6	.7	.7	.9	.7	.7	.7	.6	.6	.6	.6	.7	.6	.6	.6	.6	.7	23	.9	
16	BF	.7	.6	.6	.5	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7	.8	.7	.8	.8	1.2	1.2	.7	.6	.6	.7	23	1.2
17	BF	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.8	.7	.7	.7	.8	.7	.7	.6	23	.8	
18	BF	.7	.7	.7	.7	.8	.8	.8	1.0	1.2	1.0	1.0	.9	.9	.8	.8	.8	.8	.8	.7	.6	.8	.8	.9	23	1.2	
19	BF	.9	.8	.7	.7	.6	.7	.7	.9	.9	1.1	1.0	.9	.9	.9	.9	.9	1.0	.9	.8	.7	.6	.8	3.3	23	3.3	
20	BF	1.0	.9	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.9	.9	1.5	.9	.6	.5	.5	.5	.6	.6	23	1.5	
21	BF	.6	.6	.6	.5	.6	.6	.8	.7	1.4	.6	.5	.5	.5	.5	.5	.5	.4	.4	.5	.5	.5	.4	.4	23	1.4	
22	BF	.5	.4	.4	.4	.4	.5	.5	.5	.6	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	23	.6	
23	BF	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.4	.3	.3	.4	.4	.3	.3	.3	.3	.4	.4	23	.5	
24	BF	.4	.4	.3	.4	.4	.4	.4	.4	.5	.6	.5	.5	.5	.5	.6	.6	1.0	.7	.5	.5	.5	.5	.4	23	1.0	
25	BF	.6	.5	.5	.5	.5	.5	.5	.5	.7	.7	.6	.7	.6	.6	.5	.5	.5	.6	.6	.6	.6	.5	.6	23	.7	
26	BF	.9	.8	.7	.6	.5	.5	.5	.5	.5	.6	.6	.5	.5	.5	.4	.5	.5	.5	.6	.6	.6	.5	.4	23	.9	
27	BF	.5	.5	.5	.5	.5	.5	.6	.7	.7	.7	.6	.6	.6	.6	.5	.5	.5	.5	.5	.4	.6	.5	.4	23	.7	
28	BF	.5	.5	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	1.3	1.3	1.3	1.6	1.4	.5	.4	.4	.3	.4	23	1.6	
29	BF	.4	.4	.4	.4	.4	.3	.4	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.4	.3	.3	.3	.5	23	.5	
30	BF	.4	.4	.4	.3	.4	.4	.4	.5	1.1	.6	.6	1.1	.8	1.3	1.1	1.3	1.0	.4	.4	.4	.4	.4	.4	23	1.3	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	2.2	1.6	.8	.7	.8	1.1	1.1	1.0	1.4	1.1	1.0	1.0	1.1	1.2	1.3	1.3	1.5	1.6	1.4	1.2	.8	1.2	1.9	3.3			
AVG:	.65	.58	.52	.51	.53	.54	.57	.58	.65	.61	.58	.59	.60	.63	.61	.66	.67	.62	.57	.55	.56	.59	.64				

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .59 MONTHLY MAX: 3.3

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

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

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.5	.4	.4	.5	.4	.4	.5	.5	.7	1.3	.6	.5	.4	.4	.5	.4	.5	.4	.4	.4	.3	.4	.4	.4	23	1.3
2	BF	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.4	.4	.4	.4	.3	.4	.4	.4	.4	.3	.4	.4	23	.5
3	BF	.4	.4	.4	.3	.3	.4	.3	.3	.4	.4	.4	.4	.4	.4	.3	.4	.3	.3	.4	.4	.3	.3	.4	.4	23	.4
4	BF	.4	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.5	.5	.4	.3	.3	.4	.4	.4	.3	.4	.4	.4	23	.5
5	BF	.6	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.4	.3	.3	.4	.3	.3	.4	23	.6
6	BF	.4	.4	.4	.3	.3	.4	.3	.4	.4	.4	.4	.3	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	23	.4
7	BF	.5	.4	.4	.4	.4	.3	.4	.4	.5	.5	.6	.6	.5	.4	.4	.4	.4	.4	.5	.4	.5	.5	.5	.5	23	.6
8	BF	.4	.4	.4	.5	.5	.5	.5	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.5	.5	.5	.5	.4	23	.6
9	BF	.5	.4	.4	.4	.5	.5	.5	.5	.5	.5	.5	1.1	.9	.9	.8	.7	.6	.5	.5	.4	.5	.5	.5	.4	23	1.1
10	BF	.5	.5	.6	.6	.6	.6	.6	.6	.5	.8	.5	.5	.5	.5	.5	.6	.7	.6	.5	.5	.5	.5	.5	.4	23	.8
11	BF	.5	.4	.5	.5	.5	.5	.6	.8	.7	.8	.7	.6	.6	.5	.5	.5	.5	.5	.5	.7	.6	.5	.4	.4	23	.8
12	BF	.5	.5	.5	.5	.4	.4	.5	.4	.4	.6	.6	.7	1.2	.8	1.1	.6	.4	.8	.6	.5	.5	.5	.5	.5	23	1.2
13	BF	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.5	.4	.5	.4	.4	.5	.4	.4	.4	.4	.4	23	.6
14	BF	.5	.4	.5	.4	.5	.4	.5	.5	.5	.5	.6	.6	.6	.6	.5	.5	.6	.5	.5	.5	.5	.5	.5	.5	23	.6
15	BF	.5	.5	.5	.5	.5	.5	.5	.5	.6	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	23	.6
16	BF	.7	.6	.6	.6	.6	.6	.7	1.5	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.8	.8	.7	23	1.5
17	BF	.7	.7	.7	.8	.8	.8	.7	1.3	1.9	.8	.6	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	1.9
18	BF	.3	.3	.4	.4	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.4
19	BF	.4	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	23	.4
20	BF	.5	.4	.3	.4	.4	.5	.5	.6	.8	.4	.3	.3	.5	.6	.5	.5	.4	.6	.5	.3	.3	.3	.3	.3	23	.8
21	BF	.3	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.1	.2	.2	23	.3
22	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.2
23	BF	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3	.2	.3	.3	.3	23	.3
24	BF	.3	.2	.3	.3	.1	.2	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.3	.3	.3	.4	23	.4
25	BF	.3	.3	.3	.3	.3	.4	.6	.6	.6	.5	.5	.4	.4	.4	.3	.3	.3	.3	.3	.4	.5	.5	.4	23	.6	
26	BF	.4	.4	.3	.4	.5	.5	.6	.5	.5	.5	.5	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	23	.6
27	BF	.2	.2	.2	.1	.2	.2	.3	.3	.3	.3	.3	.4	.5	.3	.3	.2	.3	.2	.3	.2	.2	.2	.2	.2	23	.5
28	BF	.3	.2	.3	.2	.3	.2	.3	.2	.3	.2	.2	.3	.6	.4	.3	.2	.2	.3	.3	.2	.2	.2	.2	.2	23	.6
29	BF	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	.2	23	.4	
30	BF	.3	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	23	.3
31	BF	.2	.2	.2	.1	.1	.2	.2	.2	.2	.1	.4	.2	.2	.4	.3	.1	.2	.2	.2	.1	.1	.1	.1	.2	23	.4
NO.:		31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		.7	.7	.7	.8	.8	.8	.7	1.5	1.9	1.3	.7	1.1	1.2	.9	1.1	.7	.7	.8	.7	.7	.8	.8	.8	.7		
AVG:		.42	.35	.37	.36	.36	.38	.41	.47	.48	.45	.42	.43	.45	.43	.40	.36	.37	.38	.37	.36	.36	.36	.36	.35		

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .40 MONTHLY MAX: 1.9

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

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

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.3	.2	.2	.1	.2	.2	.1	.1	.2	.5	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.5
2	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.1	.2	.1	.1	.2	.1	.2	23	.2
3	BF	.3	.2	.2	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	.2	.1	.2	.2	.1	.2	23	.3	
4	BF	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.2	23	.2
5	BF	.2	.2	.2	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
6	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	BA	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	22	.2
7	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	.2	.3	.2	.2	.2	23	.3
8	BF	.2	.1	.1	.1	.1	.1	.3	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	.1	23	.3
9	BF	.2	.2	.1	.2	.1	.1	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.1	23	.2
10	BF	.3	.1	.2	.1	.3	.5	.6	.5	.4	.4	.4	.2	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.2	.2	23	.6
11	BF	.2	.1	.2	.2	.2	.3	.2	.4	.4	.3	.3	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	23	.4
12	BF	.2	.1	.1	.1	.1	.2	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.2	.3	.2	.2	.2	.2	23	.3
13	BF	.5	.4	.4	.3	.3	.2	.3	.4	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.1	23	.5
14	BF	.3	.2	.2	.2	.1	.2	.4	.4	.5	.8	.8	.6	.6	.6	.9	1.1	.6	.4	.4	.3	.1	.2	.2	.2	23	1.1
15	BF	.3	.3	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2	.2	.1	.2	.1	.2	.1	.1	.1	.1	.2	.1	.1	23	.3
16	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.0	.1	.2	.1	23	.2
17	BF	.2	.1	.1	.1	.0	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.0	.1	.1	23	.2
18	BF	.2	.1	.1	.0	.1	.1	.1	.1	.2	.1	AV	AV	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	21	.2
19	BF	.1	.1	.1	.1	.2	.1	.2	.2	.2	.1	.2	.2	.4	.4	.6	.2	.2	.2	.2	.1	.1	.2	.2	.2	23	.6
20	BF	.2	.1	.1	.2	.2	.2	.2	.3	.6	.4	.4	.2	.2	.2	.2	.3	.2	.2	.2	.2	.3	.3	.3	.3	23	.6
21	BF	.3	.3	.3	.3	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.1	.2	.2	.2	.2	.2	.2	.3	.2	23	.3
22	BF	.4	.3	.3	.2	.2	.2	.3	.3	.3	.3	.4	.4	.3	.3	.3	.4	.3	.2	.2	.2	.1	.1	.1	.1	23	.4
23	BF	.1	.1	.1	.1	.1	.1	.2	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.1	.1	23	.3
24	BF	.1	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.1	23	.1
25	BF	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	.0	.1	.1	.1	.0	.6	.4	.2	.0	.0	.0	.0	.0	23	.6
26	BF	.1	.1	.0	.0	.1	.1	.1	.2	1.0	.4	.3	.2	.1	.2	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	23	1.0
27	BF	.1	.1	.1	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	23	.2
28	BF	.2	.1	.1	.0	.1	.1	.1	.2	.3	.2	.2	.1	.2	.1	.1	.0	.0	.1	.1	.0	.1	.1	.1	.1	23	.3
29	BF	.1	.1	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	23	.2
30	BF	.1	.1	.0	.1	.0	.1	.1	.0	.0	.1	.1	.2	.2	.1	.1	.1	.3	.1	.1	.0	.0	.0	.0	.0	23	.3
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	29	29	30	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.5	.4	.4	.3	.3	.5	.6	.5	1.0	.8	.8	.6	.6	.6	.9	1.1	.6	.4	.4	.3	.3	.3	.3	.3	.3		
AVG:	.21	.15	.14	.12	.13	.15	.19	.21	.24	.23	.21	.18	.19	.20	.20	.18	.19	.16	.15	.13	.13	.13	.13	.13			

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .17 MONTHLY MAX: 1.1

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

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

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BF	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1	
2	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	1.2	.9	.0	.0	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	23	1.2
3	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
4	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
5	BF	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	BA	.0	.0	.0	.0	AV	.0	.0	.0	.0	.0	.0	.0	21	.1
6	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
7	BF	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
8	BF	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
9	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
11	BF	.1	.0	.0	.0	.0	.1	.0	.0	.1	1.3	.7	.5	.2	.2	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	23	1.3
12	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
13	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
14	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
15	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
16	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
17	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
18	BF	.1	.0	.0	.0	.0	.0	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
19	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
20	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
21	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
22	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
23	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
24	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0	
25	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
26	BF	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	23	.1
27	BF	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	23	.2
28	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	23	0.0
29	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	23	.2
30	BF	.1	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.1	.0	AV	-.1	-.1	-.1	.0	.0	.0	.0	-.1	.0	.0	.0	.0	22	.1
31	BF	.0	.0	-.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	23	0.0	
NO.:		31	31	31	31	31	31	31	31	31	31	31	29	31	31	31	31	31	30	31	31	31	31	31	31			
MAX:		.2	0.0	0.0	0.0	0.0	.1	.1	.3	.2	1.3	.7	1.2	.9	.2	.2	.1	.4	.2	.1	.1	0.0	0.0	0.0	0.0	0.0		
AVG:		.06	0.00	0.00	0.00	0.00	0.00	.01	.02	.02	.05	.05	.06	.03	-.01	-.01	-.01	0.00	0.00	-.01	0.00	-.01	-.01	-.01	-.01			

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .01 MONTHLY MAX: 1.3

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

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

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	AY	BA	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	21	.1
2	BF	.1	.0	-.1	-.1	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
3	BF	.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	23	.1
4	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.6	.4	-.1	.2	.3	.0	.0	.0	.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.6
5	BF	.0	.0	-.1	.0	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
6	BF	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
7	BF	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.1	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	23	.1
8	BF	.0	-.1	-.2	-.1	-.1	-.1	.0	.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	23	.1
9	BF	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	23	.1
10	BF	.1	.0	-.1	.0	.0	.0	.0	-.1	.4	.2	.0	AV	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	22	.4
11	BF	.0	-.1	-.1	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.2	-.1	-.2	-.1	23	0.0
12	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	-.1	-.1	23	0.0
13	BF	.1	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
14	BF	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
15	BF	.1	.0	-.1	-.1	.0	.0	.1	.2	.1	.2	.1	.1	.0	BA	.0	-.1	-.1	.0	.0	-.1	-.1	.0	-.1	-.1	22	.2
16	BF	.1	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.2	.2	.1	.0	-.1	-.1	-.1	-.1	-.1	23	.2
17	BF	.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.1	.3	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	23	.3
18	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.1	.1	.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
19	BF	.1	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
20	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	.1	.0	.0	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.2
21	BF	.0	-.1	-.1	.0	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
22	BF	.1	-.1	-.1	-.1	.0	-.1	.0	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	-.1	-.1	.0	.0	.0	.0	.0	23	.1
23	BF	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.6	.5	.1	.1	.2	.0	.0	.0	.0	-.1	.0	.0	23	.6
24	BF	.0	.0	.0	.1	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.1
25	BF	.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.1	.0	.0	23	.1
26	BF	.1	.0	-.1	-.1	.0	.0	.2	.1	.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.1	.0	23	.2
27	BF	.1	-.1	.0	-.1	-.1	-.1	-.1	.1	.0	.0	.0	.3	.1	.0	.2	.4	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	.4
28	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.2	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
29	BF	.0	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	BA	-.2	-.2	-.1	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.2	22	0.0
30	BF	.0	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	23	0.0
31	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	.3	-.1	-.2	-.1	-.2	-.1	-.1	-.1	-.1	-.1	23	.3
NO.:		31	31	31	31	31	31	31	31	31	31	31	30	30	29	30	31	31	31	31	31	31	31	31	31		
MAX:		.1	0.0	0.0	.1	0.0	0.0	.2	.6	.4	.2	.4	.4	.6	.5	.3	.4	.2	.1	0.0	0.0	.1	.1	.1	0.0		
AVG:		.05	-.06	-.10	-.07	-.07	-.07	-.05	-.02	-.02	-.03	-.02	-.01	-.02	-.04	-.06	-.04	-.07	-.09	-.10	-.10	-.09	-.09	-.10	-.10		

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: -.06 MONTHLY MAX: .6

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

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

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	AY	BA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	9	0.0
2	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
3	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
4	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	BA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
5	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
6	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
7	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	BA	BC	BC	.0	-.2	-.3	-.3	-.3	-.3	-.3	-.3	7	0.0
8	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.2	
9	BF	-.1	-.2	-.3	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.3	-.3	23	-.1	
10	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1	
11	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.1	
12	BF	-.2	-.2	-.2	-.2	.2	-.1	-.2	-.2	-.3	.3	.7	.5	-.2	-.2	.0	.2	-.2	-.2	-.3	-.3	-.2	-.3	-.3	23	.7	
13	BF	-.1	-.3	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	.1	.4	.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	.4	
14	BF	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.2	-.1	-.1	-.2	-.2	-.3	-.2	.3	1.7	1.0	.4	-.1	-.2	-.2	-.3	-.3	23	1.7	
15	BF	-.2	-.2	-.3	-.2	-.3	-.2	-.2	-.3	-.1	.9	.3	.4	.6	.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	.9	
16	BF	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.3	
17	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	.3	.2	.0	-.1	.0	-.2	-.1	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	23	.3	
18	BF	-.2	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.1	-.2	-.3	-.3	-.3	-.4	-.3	-.3	-.3	-.3	-.3	23	-.1	
19	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	-.2	
20	BF	-.2	-.3	-.3	-.3	-.3	-.4	-.3	-.4	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.4	23	-.2	
21	BF	-.2	-.3	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.2	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.3	-.4	-.3	-.4	-.3	-.4	23	-.2	
22	BF	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.1	-.2	-.3	-.4	-.3	-.3	-.4	-.4	-.3	-.4	-.3	-.3	-.3	-.4	23	-.1	
23	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.4	AV	AV	.1	-.4	-.3	-.3	-.3	-.4	-.3	-.3	21	.1	
24	BF	-.2	-.3	-.3	-.3	-.2	-.2	-.3	-.3	-.2	-.2	-.2	-.2	-.1	.0	-.1	-.1	-.2	-.3	-.2	-.2	-.1	-.2	-.3	23	0.0	
25	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.1	.5	.5	.2	-.2	.0	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.2	23	.5	
26	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	23	-.1	
27	BF	-.2	-.2	-.3	-.2	-.3	-.2	-.3	-.2	BA	-.1	-.2	-.2	-.2	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	22	-.1	
28	BF	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.1	.0	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.3	-.2	-.2	-.3	-.2	23	0.0	
29	BF	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.2	.0	.0	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	23	0.0	
30	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.2	23	-.1	
31																										0	
NO.:	24	24	24	24	24	24	24	24	24	23	23	23	23	23	22	22	23	24	24	24	24	24	24	24			
MAX:	0.0	-.1	-.1	-.1	.2	-.1	-.1	-.1	.3	.2	.9	.7	.5	.6	.3	.3	1.7	1.0	.4	-.1	-.2	-.1	-.2	-.1			
AVG:	-.18	-.25	-.27	-.25	-.24	-.25	-.25	-.25	-.23	-.18	-.09	-.13	-.14	-.17	-.18	-.20	-.13	-.21	-.25	-.28	-.28	-.28	-.29	-.28			

MONTHLY OBSERVATIONS: 542 MONTHLY MEAN: -.22 MONTHLY MAX: 1.7

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

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

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.1	-.1	-.2	-.1	-.1	-.2	-.1	-.1	-.2	-.2	-.1	-.1	-.2	-.1	-.2	23	-.1
2	BF	-.1	-.2	-.2	-.2	-.2	-.1	-.2	-.1	-.2	-.1	-.2	-.2	.0	.1	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	23	.1
3	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.2	-.2	-.1	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	23	-.1
4	BF	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.2	-.3	-.2	-.2	-.3	-.3	23	-.2
5	BF	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	23	-.2
6	BF	-.1	-.2	-.2	-.2	-.2	-.3	-.2	-.2	-.3	-.3	-.3	BA	BA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	11	-.1
7	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
8	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
9	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
10	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
11	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
12	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
13	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	BA	BC	BC	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.2	8	-.1
14	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.1	-.1	23	0.0
15	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.6	.5	.3	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.2	23	.6	
16	BF	.0	-.1	-.2	-.2	-.2	-.1	-.1	-.1	.1	-.1	-.2	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1	
17	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	23	0.0	
18	BF	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	23	0.0	
19	BF	-.1	-.1	-.2	-.2	-.2	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	23	0.0	
20	BF	-.1	-.1	-.2	-.1	-.1	.0	-.1	-.1	.2	.0	.0	.0	.4	.6	-.1	-.2	-.1	-.1	-.1	-.2	-.1	-.1	23	.6	
21	BF	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.1	-.1	23	0.0	
22	BF	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	.0	23	0.0	
23	BF	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	.1	23	.2	
24	BF	.0	.1	.0	.1	.1	.1	.2	.2	.2	.3	.3	BA	.4	.3	.3	.2	.2	.1	.0	.0	.0	.1	22	.4	
25	BF	.1	.1	.1	.1	.1	.2	.2	.3	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.1	.1	.0	23	.3	
26	BF	.1	.1	.1	.2	.2	.2	.1	.7	1.4	.5	.5	.4	.4	.3	.3	.2	.2	.2	.1	.1	.1	.1	23	1.4	
27	BF	.1	.0	.0	.1	.1	.0	.1	.2	.1	.2	.5	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	23	.5	
28	BF	.2	.1	.1	.0	.0	.0	.0	.1	.2	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2	
29	BF	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	2.0	.6	.1	.1	.0	.1	.0	.0	.1	.0	.0	.0	23	2.0	
30	BF	.1	.0	.0	.0	.0	-.1	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	-.1	.0	.0	-.1	-.1	.0	23	.1	
31	BF	.0	-.1	.0	-.1	-.1	-.1	.0	.0	-.1	AZ	BA	BA	.0	.0	.0	-.1	.0	.1	.1	.0	.0	-.1	20	.1	
NO.:		24	24	24	24	24	24	24	24	24	23	23	21	23	23	23	24	24	24	24	24	24	24	24		
MAX:		.2	.1	.1	.2	.2	.2	.2	.7	1.4	.5	2.0	.6	.5	.6	.3	.2	.2	.2	.2	.1	.1	.1	.2		
AVG:		-.03	-.08	-.10	-.10	-.09	-.08	-.08	-.01	.05	.01	.09	.04	.05	.02	-.03	-.05	-.07	-.09	-.07	-.10	-.09	-.10	-.08		

MONTHLY OBSERVATIONS: 544 MONTHLY MEAN: -.04 MONTHLY MAX: 2.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

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

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM		
1	BF	.1	.0	.0	.0	.0	.0	.0	.0	.6	.8	.7	.5	.5	.6	.6	.3	.1	.1	.1	.0	.0	.0	.0	.0	23	.8	
2	BF	.1	.0	.0	.0	.1	.1	.2	.4	.6	.4	.1	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	.0	23	.6	
3	BF	.0	.0	.0	-.1	-.1	.0	-.1	.0	.0	.1	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2	
4	BF	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	23	.2	
5	BF	.2	.1	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.3	.3	.4	.5	.1	.1	.1	.1	.1	.1	.2	.1	23	.5	
6	BF	.2	.1	.1	.1	.1	.2	.2	.1	.3	.5	.4	.5	.5	.4	.4	.3	.2	.1	.1	.1	.1	.1	.1	.1	23	.5	
7	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	BA	.1	.2	.2	.1	.2	.2	.1	.1	.1	22	.3	
8	BF	.3	.2	.2	.2	.2	.2	.2	.1	.2	.4	.3	.3	.3	.3	.3	.2	.2	.2	.1	.2	.1	.2	.1	.2	23	.4	
9	BF	.3	.2	.2	.2	.1	.2	.2	.3	.3	.4	.4	.4	.3	.3	.2	.2	.1	.1	.1	.1	.0	.1	.1	.1	23	.4	
10	BF	.2	.1	.1	.1	.1	.1	.2	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.1	.2	.1	.2	.2	.2	23	.3	
11	BF	.2	.3	.2	.1	.2	.2	.3	.4	.6	.6	.5	.5	.5	.5	.4	.4	.4	.3	.2	.2	.4	.3	.3	.3	23	.6	
12	BF	.3	.3	.3	.2	.2	.3	.2	.3	.3	.3	.3	.3	.4	.3	.4	.3	.2	.2	.3	.2	.2	.3	.2	.2	23	.4	
13	BF	.3	.3	.2	.2	.2	.3	.2	.3	.5	.5	.5	.5	.4	.4	.4	.5	.3	.3	.3	.3	.2	.2	.3	.2	23	.5	
14	BF	.3	.3	.2	.2	.3	.3	.6	.5	.3	.2	.3	.4	.4	.2	.1	.1	.1	.1	.0	.1	.0	.0	.1	.1	23	.6	
15	BF	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.2	.2	.2	.2	.2	.1	.2	.2	.2	.2	.1	.2	.2	23	.2	
16	BF	.2	.2	.2	.2	.2	.4	.3	.3	.4	.5	.8	.5	.5	.5	.5	.5	.4	.3	.2	.3	.2	.2	.2	.2	23	.8	
17	BF	.3	.2	.2	.2	.2	.2	.2	.2	.5	.5	.4	.5	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	23	.5	
18	BF	.4	.3	.3	.2	.3	.4	.4	.4	.4	.5	.5	.6	.7	.6	.6	.5	.3	.3	.2	.3	.3	.2	.2	.2	23	.7	
19	BF	.3	.3	.3	.2	.2	.3	.3	.2	.5	.6	.6	.6	.6	.6	.5	.5	.4	.3	.3	.3	.3	.3	.3	.3	23	.6	
20	BF	.4	.3	.3	.3	.3	.3	.3	.4	.3	.4	.4	.4	.5	.4	.4	.5	.4	.4	.5	.4	.4	.4	.4	.4	.4	23	.5
21	BF	.5	.5	.4	.3	.6	.6	.8	.8	.8	.8	.7	.8	.7	.6	.6	.7	.8	.6	.6	.6	.5	.5	.5	.6	23	.8	
22	BF	.6	.5	.5	.5	.5	.5	.6	.7	.7	.7	.7	.7	.7	.7	.6	.7	.7	.7	.7	.6	.6	.6	.5	.5	23	.7	
23	BF	.6	.5	.5	.6	.6	.7	.7	.7	.9	1.0	.8	.8	.8	.7	.7	.7	.7	.6	.6	.6	.5	.5	.5	.5	23	1.0	
24	BF	.5	.5	.5	.5	.5	.5	.6	.9	1.0	.8	.7	.5	.5	.5	.4	.4	.3	.3	.4	.3	.2	.2	.2	.2	23	1.0	
25	BF	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	23	.3	
26	BF	.2	.1	.1	.1	.1	.1	.1	.1	.3	.3	.4	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	23	.4	
27	BF	.3	.2	.2	.2	.2	.2	.2	.3	.4	.3	.3	.2	.2	.3	.3	.3	.2	.3	.3	.2	.2	.2	.1	.1	23	.4	
28	BF	.1	.1	.1	.1	.2	.2	.2	.1	.2	4.1	1.9	.6	.9	2.2	2.0	.6	.2	.1	.1	.1	.1	.1	.1	.1	23	4.1	
29	BF	.2	.1	.1	.1	.4	2.0	2.9	.7	.3	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	23	2.9	
30	BF	.0	.0	-.1	.0	.0	.0	-.1	.0	.0	-.1	.0	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0	
31																										0		
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30			
MAX:	.6	.5	.5	.6	.6	2.0	2.9	.9	.9	1.0	4.1	1.9	.8	.9	2.2	2.0	.8	.7	.7	.6	.6	.6	.6	.5	.6			
AVG:	.27	.21	.19	.17	.21	.30	.34	.31	.38	.52	.44	.37	.39	.39	.41	.39	.33	.24	.22	.20	.20	.19	.19	.19				

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .29 MONTHLY MAX: 4.1

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

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

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

CAS NUMBER: 7446-09-5
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.0	-.1	-.1	-.2	-.1	-.1	-.1	-.1	.0	.0	.0	.0	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.1	23	.1
2	BF	.2	.1	.2	.2	.1	.1	.2	.3	.6	.6	.3	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.1	.2	23	.6
3	BF	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	23	.3
4	BF	.3	.3	.3	.2	.3	.3	.3	.3	.4	.6	.9	.8	.8	.8	.7	.5	.4	.3	.3	.2	.2	.2	.2	23	.9
5	BF	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.2	.1	.1	.1	.1	.2	.1	.2	.2	.2	.2	23	.2
6	BF	.2	.2	.2	.3	.2	.2	.3	.4	.5	.2	BA	.1	.2	.2	.1	.1	.1	.1	.0	.0	.1	.1	.0	22	.5
7	BF	.1	.0	.0	.1	.1	.1	.0	.1	.1	.2	.2	.1	.1	.1	.2	.2	.2	.3	.3	.2	.2	.1	.2	23	.3
8	BF	.2	.1	.2	.1	.1	.1	.1	.1	.7	.3	.3	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	23	.7
9	BF	.5	.4	.4	.4	.5	.6	.6	.6	.5	.5	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	23	.6
10	BF	.5	.4	.5	.4	.5	.4	.4	.7	.9	.7	.6	.6	.7	.6	.6	.5	.6	.5	.5	.5	.5	.5	.5	23	.9
11	BF	.5	.5	.4	.4	.4	.4	.5	.5	.6	.7	.7	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.4	1.1	23	1.1
12	BF	.6	.4	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	.1	23	.6
13	BF	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	.2	.1	.1	.2	.2	.2	.1	.1	.1	23	.3
14	BF	.1	.1	.1	.1	.1	.1	.1	.1	.2	.4	.5	.5	.4	.3	.3	.2	.2	.1	.2	.2	.2	.2	.1	23	.5
15	BF	.1	.2	.1	.1	.1	.1	.1	.1	.3	.3	.4	.4	.4	.5	.5	.6	.5	.5	.4	.3	.3	.3	.3	23	.6
16	BF	.7	.9	1.0	.8	.6	.8	1.0	.7	.6	.5	.5	1.2	1.8	.9	.8	.7	.7	.6	.5	.6	.6	.7	1.5	23	1.8
17	BF	1.1	.7	.5	.5	.4	.4	.5	.4	.5	.5	.4	.4	.3	.3	.3	.4	.3	.3	.3	.3	.2	.2	.2	23	1.1
18	BF	.2	.1	.1	.1	.1	.1	.0	.1	.1	.1	.2	.2	.1	.0	-.1	.0	.0	-.1	-.1	.0	.0	.0	.1	23	.2
19	BF	.2	.2	.2	.1	.2	.1	.2	.2	.2	.1	.1	.1	.1	BA	.1	.1	.1	.1	.1	.1	.2	.2	.2	22	.2
20	BF	.2	.2	.2	.2	.2	.3	.2	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.2	.1	23	.4
21	BF	.2	.2	.2	.1	.2	.3	.3	.2	.6	.8	.8	.8	.9	1.4	.7	.5	.5	.4	.3	.3	.3	.3	.2	23	1.4
22	BF	.3	.2	.2	.3	.3	.4	.3	.4	.4	.9	.6	.6	.6	.5	.5	.4	.4	.4	.3	.4	.6	.7	.8	23	.9
23	BF	.6	.5	.4	.4	.3	.3	.3	.4	.6	1.2	1.3	2.0	2.1	1.7	.7	.9	1.1	.4	.4	.4	.4	.3	.3	23	2.1
24	BF	.3	.2	.2	.2	.2	.9	.8	.4	.3	.2	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	23	.9
25	BF	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.5	.3	.3	.6	.7	.6	.3	.2	23	.7
26	BF	.2	.2	.1	.1	.1	.1	.1	.1	.2	.1	.2	.3	.3	.3	.4	.3	.2	.2	.2	.2	.3	.2	.4	23	.4
27	BF	.5	.3	.3	.1	.1	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.5
28	BF	-.1	-.1	-.1	-.1	.0	-.1	-.1	.0	.1	.1	.2	.2	.2	.5	.8	.3	.3	.2	.2	.1	.1	.0	.0	23	.8
29	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
30	BF	.1	.2	.1	.1	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	23	.2
31	BF	.2	.1	.1	.1	.1	.1	.0	.2	.2	.3	1.9	2.4	2.0	.8	.8	.7	.5	.5	.5	.4	.3	.4	.4	23	2.4
NO.:		31	31	31	31	31	31	31	31	31	31	30	31	31	30	31	31	31	31	31	31	31	31	31		
MAX:		1.1	.9	1.0	.8	.6	.9	1.0	.7	.9	1.2	1.9	2.4	2.1	1.7	.8	.9	1.1	.6	.6	.7	.6	.7	1.5		
AVG:		.28	.24	.22	.19	.19	.22	.22	.24	.31	.34	.40	.44	.45	.41	.34	.31	.29	.25	.25	.25	.25	.22	.27		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .28 MONTHLY MAX: 2.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.8	.5	.7	.7	.8	.7	.6	.7	.7	1.0	1.0	1.1	1.0	1.1	1.1	1.2	1.0	.9	1.0	1.0	.9	.9	1.0	23	1.2
2	BF	1.0	1.0	1.0	.9	.9	1.1	1.1	1.1	1.1	1.1	1.0	1.3	1.7	1.4	1.2	1.1	1.0	1.1	1.0	1.0	.9	1.0	1.1	23	1.7
3	BF	1.2	1.1	1.2	1.0	1.0	1.0	1.1	1.0	1.1	1.3	2.2	1.4	1.4	1.4	1.4	1.3	1.2	1.1	1.1	1.1	1.2	1.1	1.2	23	2.2
4	BF	1.2	1.0	1.2	1.3	1.3	1.1	1.1	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.7	1.6	1.5	1.4	1.3	1.2	1.2	1.3	1.2	23	1.7
5	BF	AE	1.2	1.3	AE	1.3	AE	1.5	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	1.5	1.3	1.6	AE	AE	1.4	8	1.6
6	AE	1.6	1.5	1.5	1.5	AE	1.4	1.5	1.4	1.6	1.6	1.6	1.6	1.7	1.5	1.6	1.6	1.5	1.5	1.5	1.4	1.5	1.4	1.5	22	1.7
7	BF	1.4	1.4	1.4	1.3	1.4	1.2	1.3	1.4	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.3	1.5	1.2	1.3	1.4	1.2	23	1.5
8	BF	1.5	1.3	1.4	1.3	1.3	1.3	1.2	1.3	1.5	1.5	1.5	1.3	1.2	1.4	1.3	1.1	1.3	1.4	1.2	1.2	1.2	1.3	1.3	23	1.5
9	BF	1.2	1.3	1.4	1.3	1.5	1.2	1.3	1.2	1.4	1.2	1.2	1.3	1.4	1.5	1.2	1.3	1.4	1.1	1.1	1.1	1.2	1.1	1.2	23	1.5
10	BF	1.2	1.2	1.1	1.2	1.1	1.0	1.1	1.1	1.1	1.0	1.1	1.2	1.2	1.2	1.2	1.3	1.2	1.1	1.2	1.2	1.1	1.0	1.1	23	1.3
11	BF	1.2	1.3	1.2	1.1	1.2	1.2	1.3	1.3	1.4	1.2	1.7	1.4	1.4	1.3	1.5	1.5	1.6	1.4	1.6	1.5	1.6	1.7	1.6	23	1.7
12	BF	1.7	1.6	1.8	1.8	2.1	1.7	1.6	1.4	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.8	1.6	1.5	1.6	1.6	1.7	1.6	1.6	23	2.1
13	BF	1.8	1.7	1.6	1.4	1.4	1.4	1.9	1.7	1.6	1.6	1.8	1.8	1.8	1.9	1.7	1.7	1.7	1.7	1.5	1.5	1.6	1.5	1.5	23	1.9
14	BF	1.5	1.6	1.5	1.6	1.7	1.7	1.6	1.6	1.7	1.8	1.8	1.9	1.7	1.7	1.8	1.9	1.7	1.5	1.6	1.5	1.6	1.5	1.5	23	1.9
15	BF	1.8	1.6	1.4	1.3	1.4	1.5	1.5	1.5	1.5	1.4	BA	1.7	1.6	1.3	1.4	1.5	1.4	1.5	1.5	1.5	1.3	1.4	1.4	22	1.8
16	BF	1.4	1.3	1.3	1.4	1.4	1.3	1.2	1.5	1.3	1.3	1.3	1.5	1.5	1.6	1.5	1.4	1.4	1.3	1.4	1.4	1.5	1.4	1.4	23	1.6
17	BF	1.3	1.4	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.3	1.4	1.4	1.2	1.3	1.3	1.3	1.3	1.5	1.3	1.4	1.3	1.4	1.4	23	1.5
18	BF	1.5	1.4	1.3	1.4	1.4	1.4	1.6	1.4	1.9	1.9	1.9	1.8	1.8	1.7	1.8	1.7	1.6	1.7	2.3	1.5	1.4	1.4	1.4	23	2.3
19	BF	1.5	1.3	2.1	2.5	2.7	2.5	2.2	2.4	2.6	2.1	1.8	1.7	1.9	1.9	1.9	1.9	1.9	1.9	2.2	1.8	2.0	1.9	1.7	23	2.7
20	BF	1.7	1.6	1.7	1.6	1.7	1.7	1.7	2.9	2.5	2.4	2.1	2.2	2.2	2.2	2.0	3.6	3.6	2.4	2.2	2.1	2.0	2.0	1.9	23	3.6
21	BF	2.0	1.8	1.8	1.8	1.8	1.9	2.0	2.5	2.4	2.3	2.1	2.0	2.1	2.1	2.0	2.0	2.0	1.6	1.6	1.8	1.9	1.7	1.7	23	2.5
22	BF	1.9	2.1	2.3	2.3	2.3	1.9	2.1	2.0	2.3	2.3	2.4	2.0	1.7	1.7	1.6	1.7	1.6	1.6	1.7	1.8	1.6	1.6	1.7	23	2.4
23	BF	1.6	1.6	1.7	1.6	1.6	1.7	1.6	1.6	1.7	1.7	1.6	1.8	1.7	1.6	1.7	1.8	1.7	1.6	1.8	1.8	1.9	2.1	2.0	23	2.1
24	BF	2.1	2.0	2.4	2.1	2.2	2.0	2.1	2.3	2.5	2.6	2.4	2.4	2.2	2.2	1.9	2.0	2.4	1.9	1.8	1.8	1.7	1.7	1.8	23	2.6
25	BF	1.9	2.0	2.1	2.5	2.6	2.5	1.9	2.4	2.1	2.3	2.3	2.3	2.2	2.2	2.4	2.2	2.1	1.9	1.7	1.7	1.9	1.8	1.9	23	2.6
26	BF	2.1	2.0	2.0	2.0	2.0	2.2	2.2	2.4	2.2	2.7	2.8	2.4	2.4	2.1	2.1	2.1	1.9	1.9	2.1	1.8	1.9	1.7	1.9	23	2.8
27	BF	1.9	1.8	1.7	1.7	1.8	1.8	1.6	1.7	1.8	1.7	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.5	1.6	1.6	1.7	1.7	1.7	23	1.9
28	BF	1.8	1.9	2.0	1.8	1.8	1.6	1.6	1.7	1.9	2.0	1.9	2.1	1.9	1.9	1.9	1.9	1.7	1.6	1.6	1.7	1.7	1.7	1.7	23	2.1
29	BF	1.5	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.9	2.2	2.0	2.0	1.9	1.9	1.9	2.0	1.9	1.8	1.7	1.5	1.6	23	2.2
30	BF	1.6	1.5	1.6	1.6	1.7	1.7	1.7	1.5	1.5	1.7	1.9	2.2	1.9	2.0	1.9	1.8	1.8	1.6	1.7	1.7	1.7	1.7	1.7	23	2.2
31	BF	1.8	1.7	1.7	1.8	1.8	1.8	1.9	1.7	1.7	2.4	2.3	2.4	2.3	2.1	2.2	2.3	2.3	2.2	2.0	2.0	1.8	1.8	1.7	23	2.4
NO.:		30	31	31	30	30	30	31	30	30	30	29	30	30	30	30	30	30	31	31	31	30	30	31		
MAX:		2.1	2.1	2.4	2.5	2.7	2.5	2.2	2.9	2.6	2.7	2.8	2.4	2.4	2.2	2.4	3.6	3.6	2.4	2.3	2.1	2.0	2.1	2.0		
AVG:		1.56	1.49	1.55	1.55	1.60	1.55	1.55	1.63	1.69	1.72	1.78	1.76	1.72	1.68	1.67	1.72	1.68	1.55	1.58	1.53	1.53	1.51	1.52		

MONTHLY OBSERVATIONS: 696 MONTHLY MEAN: 1.61 MONTHLY MAX: 3.6

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	1.8	1.9	1.7	1.8	1.6	1.7	1.8	2.2	2.8	2.4	2.0	2.2	2.0	1.8	1.9	2.1	2.1	1.8	1.8	1.8	1.8	1.7	1.7	23	2.8	
2	BF	1.6	1.6	1.7	1.6	1.8	1.7	1.5	1.6	1.6	2.0	2.1	2.2	2.0	1.9	1.8	1.7	1.7	1.6	1.6	1.5	1.5	.1	1.6	23	2.2	
3	BF	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	0		
4	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	.1	-.2	-.4	-.3	-.3	AN	AN	AN	AN	8	.1
5	BF	-.2	-.2	-.2	-.2	-.2	-.2	.0	.0	.0	.1	.1	.2	.1	.2	.2	.2	.2	.0	-.1	.1	.0	-.1	.0	23	.2	
6	BF	.0	.1	.0	.0	.0	.0	.0	.0	.1	.4	.3	.3	.2	.2	.2	.2	.2	.0	.1	.2	.3	.4	.1	23	.4	
7	BF	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1	.2	.3	.4	.4	23	.4	
8	BF	.5	.4	.5	.4	.3	.3	.3	.7	1.1	1.1	1.0	1.0	1.3	.7	.6	.5	.6	.7	.8	.3	.2	.1	.2	23	1.3	
9	BF	.2	.1	.1	.1	.1	.1	.1	.3	.2	.3	.2	.3	.3	.4	.3	.2	.1	.1	.2	.2	.2	.3	.3	23	.4	
10	BF	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.5	.4	.5	.5	.6	.4	.4	.4	.3	.3	.3	.3	23	.6	
11	BF	.4	.3	.3	.3	.3	.5	.6	.8	.8	.8	1.0	.7	.7	.5	.7	.6	.7	.6	.5	.5	.6	.5	.5	23	1.0	
12	BF	.4	.4	.5	1.0	1.9	1.1	1.2	.8	.6	.7	.6	.6	.5	.5	.4	.5	.5	.5	.4	.4	.4	.4	.4	23	1.9	
13	BF	.4	.5	.4	.5	.5	.4	.4	.5	.7	.8	.9	.9	.7	.7	.6	.7	1.2	1.7	.6	.6	.6	.7	.6	23	1.7	
14	BF	.9	.7	.7	.8	.7	.7	.8	1.0	1.0	1.1	1.1	.9	.9	.7	.8	.9	.9	1.1	.8	.8	.8	.7	.8	23	1.1	
15	BF	.9	1.0	.9	.8	.7	.7	.7	.8	.7	1.0	1.1	1.1	1.0	1.1	1.0	.9	.7	.6	.6	.6	.5	.6	.5	23	1.1	
16	BF	.5	.4	.4	.4	.4	.3	.3	.3	.2	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.3	23	.5	
17	BF	.4	.4	.4	.4	.4	.3	.3	.4	.5	.7	.9	1.1	.8	.6	.5	.6	1.1	.9	1.1	1.0	.7	.5	.4	23	1.1	
18	BF	.5	.5	.5	.5	.4	.5	.5	.9	.9	.8	.9	.9	1.0	1.1	1.0	.8	.9	.7	.5	.5	.4	.5	.5	23	1.1	
19	BF	.6	.5	.5	.5	.5	.5	.7	.8	.7	.7	.8	.8	.7	.6	.5	.5	.6	.7	.6	.6	.6	.6	.6	23	.8	
20	BF	.6	.6	.6	.6	.5	.7	.6	.5	.5	.8	1.1	.9	.8	.8	.8	.8	.6	.5	.5	.5	.5	.4	.4	23	1.1	
21	BF	.5	.4	.3	.4	.3	.4	.4	.4	.8	.8	.9	.7	.6	.5	.7	.5	.5	.5	.5	.5	.5	.6	.5	23	.9	
22	BF	.8	.7	.6	.4	.4	.4	.4	.5	.5	.8	.7	.5	.4	.3	.3	.3	.3	.2	.2	.2	.3	.2	.3	23	.8	
23	BF	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.4	.7	.5	.4	.4	.4	.3	.3	.3	.2	.2	.1	23	.7	
24	BF	.2	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.1	.3	.6	.2	.3	.4	.6	.3	.1	.1	.0	.1	23	.6	
25	BF	.2	.2	.2	.2	.3	.3	.3	.4	.5	.4	.5	.4	.4	.3	.4	.3	.4	.4	.4	.4	.5	.4	.5	23	.5	
26	BF	.6	.4	.4	.4	.4	.5	.4	.5	.6	.5	.6	.6	.6	.5	.5	.5	.6	.5	1.4	.6	.5	.5	.5	23	1.4	
27	BF	.6	.5	.5	.5	.5	.5	.5	.5	.6	.8	.8	.9	.7	.6	.7	.7	.7	.6	.6	.5	.5	.6	.6	23	.9	
28	BF	.5	.5	.5	.5	.5	.5	.5	.6	1.2	1.2	1.0	1.2	1.0	.9	.8	.8	.8	.9	.7	.7	.7	.7	.7	23	1.2	
29	BF	.7	.7	.9	1.0	.8	.9	1.1	1.1	BA	.9	.9	1.0	.9	.9	.8	.8	.8	.6	.5	.5	.4	.5	.4	22	1.1	
30																									0		
31																									0		
NO.:		27	27	27	27	27	27	27	27	26	27	27	27	27	27	27	28	28	28	28	28	28	28	28	28		
MAX:		1.8	1.9	1.7	1.8	1.9	1.7	1.8	2.2	2.8	2.4	2.1	2.2	2.0	1.9	1.9	2.1	2.1	1.8	1.8	1.8	1.8	1.7	1.7			
AVG:		.53	.50	.50	.51	.51	.51	.53	.61	.68	.76	.77	.77	.71	.66	.63	.60	.63	.58	.55	.49	.48	.42	.47			

MONTHLY OBSERVATIONS: 628 MONTHLY MEAN: .58 MONTHLY MAX: 2.8

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.4	.4	.5	.6	.7	.8	.7	.6	.6	.5	.6	1.1	.8	.7	.6	.6	.8	.5	.5	.5	.5	.6	.5	23	1.1
2	BF	.6	.5	.4	.4	.3	.4	.3	.3	.4	.4	.5	.5	.5	.4	.4	.5	.4	.6	2.8	1.8	.9	1.8	1.4	23	2.8
3	BF	.8	.6	.6	.6	.7	.6	.7	.9	.9	.8	.8	.7	.7	.7	.7	.7	.6	.6	.6	.5	.5	.5	.5	23	.9
4	BF	.5	.4	.4	.4	.4	.4	.4	.6	.6	.6	.6	.7	.8	.6	.6	.7	.7	.6	.5	.5	.5	.5	.5	23	.8
5	BF	.6	.5	.5	.5	.5	.6	.9	1.2	1.4	1.4	1.2	1.1	1.0	.9	.9	.9	.9	.7	.6	.6	.6	.6	.6	23	1.4
6	BF	.6	.5	.5	.5	.5	.4	.4	.5	.6	.8	.7	.6	.6	.5	.6	.7	.5	.5	.4	.4	.5	.5	.5	23	.8
7	BF	.5	.5	.5	.5	.6	.9	.6	.5	.6	.7	.6	.6	.9	1.3	.5	.5	.5	.6	.5	.5	.5	.5	.5	23	1.3
8	BF	.5	.5	.6	.6	.7	.7	.5	.5	.6	.6	.7	.6	.6	.6	.6	.6	.6	.5	.5	.4	.3	.3	.4	23	.7
9	BF	.4	.4	.4	.5	.6	.6	.5	.5	.7	.6	.5	.4	.5	.6	.4	.4	.4	.4	.3	.4	.3	.3	.4	23	.7
10	BF	.3	.3	.5	.5	.5	.5	.4	.5	.4	.4	.4	.4	.3	.4	.3	.4	.3	.3	.3	.3	.2	.3	.3	23	.5
11	BF	.3	.2	.3	.2	.2	.3	.2	.3	.5	.5	.5	.4	.4	.5	.5	.5	.5	.3	.3	.3	.3	.2	.2	23	.5
12	BF	.2	.2	.2	.2	.3	.2	.3	.3	.5	.6	.5	.4	.4	.4	.2	.3	.2	.3	.3	.2	.2	.3	.2	23	.6
13	BF	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.3	.3	.5	.4	.4	.3	.2	.2	.2	.2	.2	.2	23	.5
14	BF	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.1	.1	23	.3
15	BF	.2	.2	.1	.2	.2	.2	.3	.5	.5	.4	.4	.3	.4	.5	.5	.3	.3	.3	.3	.2	.2	.2	.2	23	.5
16	BF	.3	.2	.2	.2	.2	.3	.2	.4	.5	.5	.5	.5	.6	.6	.6	.6	.5	.3	.3	.2	.1	.2	.1	23	.6
17	BF	.2	.1	.2	.3	.3	.5	.4	.7	.6	.6	.6	.6	.6	.8	.9	1.2	1.7	1.8	.8	.5	.4	.4	.4	23	1.8
18	BF	.4	.3	.4	.6	.6	.5	.5	.7	.7	.5	.5	.5	.5	.6	.5	.5	.5	.5	.5	.3	.4	.3	.4	23	.7
19	BF	.4	AE	.4	.4	.3	.3	.3	.3	.4	.4	.4	.4	.4	.3	.4	.5	.6	.3	.2	.2	.3	.2	.3	22	.6
20	BF	.3	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	1	.3
21	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.7	.6	.7	.7	.9	AE	AE	AE	AE	AE	5	.9
22	AE	AE	AE	AE	AE	AE	AE	AE	1.0	.9	.8	.8	.7	1.1	1.1	.8	.7	.7	.7	.5	.5	.4	.4	.4	16	1.1
23	BF	.4	.4	.4	.5	.6	.5	.5	.7	1.0	.9	.9	.8	.8	.7	.6	.7	.5	.5	.6	.5	.4	.4	.4	23	1.0
24	BF	.4	.4	.4	.5	.5	.4	.4	1.2	1.6	.9	.5	.4	.5	.6	.6	.5	.5	.4	.4	.3	.3	.2	.3	23	1.6
25	BF	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	23	.4
26	BF	.2	.3	.2	.3	.2	.2	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.2	.3	.2	.2	.3	23	.4
27	BF	.3	.3	.3	.3	.2	.3	.2	.3	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	23	.3
28	BF	.2	.1	.2	.2	.2	.2	.2	.2	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	AN	8	.2
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	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	0	
31	AN	AN	AN	AN	AN	AN	AN	AN	AN	BC	BC	BC	BC	BC	.2	.1	.1	.1	.1	.1	.1	.0	.1	.2	10	.2
NO.:		26	24	25	25	25	25	25	26	25	25	25	25	25	27	27	27	27	27	26	26	26	26	26		
MAX:		.8	.6	.6	.6	.7	.9	.9	1.2	1.6	1.4	1.2	1.1	1.1	1.3	.9	1.2	1.7	1.8	2.8	1.8	.9	1.8	1.4		
AVG:		.38	.33	.35	.39	.40	.42	.40	.53	.62	.57	.54	.52	.55	.56	.50	.52	.51	.48	.47	.40	.35	.37	.37		

MONTHLY OBSERVATIONS: 591 MONTHLY MEAN: .46 MONTHLY MAX: 2.8

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.3	.1	.2	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.2	.2	.3	.3	.2	.3	.0	-.1	.0	23	.3	
2	BF	.2	.0	.0	.0	-.1	-.1	-.1	-.1	-.2	.0	-.1	-.1	-.1	.0	.0	-.1	.0	.0	.0	.1	.1	.2	.1	23	.2	
3	BF	.3	.1	.1	.0	.4	.3	.0	.2	.2	.2	.2	.2	.2	.3	.3	.4	.2	.1	.1	.0	.0	.2	23	.4		
4	BF	.2	.1	.0	.0	.3	.4	.4	.4	.3	.4	.3	.3	.4	.4	.4	.4	.3	.3	.2	.1	.1	.1	.0	23	.4	
5	BF	.3	.1	.1	.1	.2	.2	.1	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	-.1	.0	.0	23	.3	
6	BF	.4	.2	.2	.3	.1	.1	.4	.4	.4	.4	.4	.4	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.4	
7	BF	.7	2.4	.9	.9	.2	.2	.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	-.1	.0	.0	-.1	-.1	.0	.1	23	2.4	
8	BF	.1	.0	.0	-.1	.0	.1	.0	.2	.5	.2	.2	.0	.1	.0	.1	.1	.1	.2	.0	.1	.1	.0	.0	23	.5	
9	BF	.1	-.1	-.1	.0	.0	.1	.7	.8	.0	.0	.2	.1	.2	.1	.2	.2	.1	.1	.1	.3	.5	.0	.0	23	.8	
10	BF	.2	.0	-.1	.0	.0	.0	.0	.2	.2	.1	.2	.1	.1	.3	.4	.2	.1	.1	.1	.0	-.1	-.2	-.2	23	.4	
11	BF	-.1	.0	.0	.0	-.1	.0	.0	.1	.0	.0	.3	.3	.3	.3	.2	.1	-.1	.0	.0	.0	.0	.0	.0	23	.3	
12	BF	.1	.1	.4	.3	.2	.3	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	.3	.2	.1	23	.4	
13	BF	.2	.0	-.1	.0	.0	.0	.1	.1	.2	.2	.3	.3	.5	.3	.3	.1	.1	.0	.2	.3	.2	.1	.1	23	.5	
14	BF	.1	.2	.1	.3	.2	.0	.1	.3	.2	.1	.2	.3	.4	.5	.3	.2	.2	.2	.2	.1	.2	.2	.2	.1	23	.5
15	BF	.3	.2	.2	.2	.1	.0	.1	.2	.2	.4	.4	.5	.4	.3	.3	.3	.3	.3	.2	.2	.2	.3	.2	23	.5	
16	BF	.3	.2	.2	.2	.0	.0	.0	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.3	.3	.3	.2	.3	.4	23	.4	
17	BF	.3	.2	.2	.1	.2	.4	.4	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.2	.2	23	.4	
18	BF	.2	.2	.3	.2	.4	.3	1.6	1.9	.6	.3	.2	.3	.2	.3	.3	.3	.3	.1	.3	.3	.2	.1	.1	23	1.9	
19	BF	.2	.1	.0	.0	.0	.1	.7	.6	.6	1.2	.8	.3	.4	.4	.6	.6	.4	.5	.5	.4	.3	.4	.4	23	1.2	
20	BF	.4	.3	.2	.2	.1	.0	.3	.5	.4	.4	.4	.2	.2	.4	.3	.2	.3	.3	.2	.3	.1	.1	.1	23	.5	
21	BF	.1	.0	.0	.0	.1	.0	.1	.2	.2	.2	.0	.0	.0	-.1	-.1	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.1	23	.2	
22	BF	.1	.1	.6	.6	.2	.2	.4	.3	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.3	23	.6	
23	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.1	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.3	.0	-.3	-.3	-.2	-.2	-.2	23	0.0	
24	BF	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.1	.0	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	.0	-.1	-.1	-.2	-.2	-.2	23	.1	
25	BF	-.1	-.1	.0	.0	.1	.1	-.1	1.4	.9	.0	.0	.1	.2	.4	.7	.9	.3	-.1	-.2	-.2	-.1	-.1	-.1	23	1.4	
26	BF	-.1	-.3	-.2	-.3	-.1	-.2	-.2	.0	-.1	-.1	-.1	-.2	-.1	-.1	-.1	-.1	-.2	-.3	-.2	-.2	-.3	-.2	-.3	23	0.0	
27	BF	-.2	-.3	-.4	-.4	-.3	-.3	-.2	-.1	AZ	AZ	AZ	BC	-.2	-.2	-.1	-.2	-.3	-.3	-.3	-.3	-.3	-.4	-.3	19	-.1	
28	BF	-.2	-.3	-.4	-.4	-.3	-.3	-.3	-.2	-.2	-.3	-.2	-.3	-.4	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	23	.2	
29	BF	.0	-.1	.3	.3	.2	.4	1.7	.2	.5	.2	.2	.1	.0	.0	.2	.0	-.1	-.1	-.1	-.2	-.2	-.3	-.3	23	1.7	
30	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.1	-.2	-.2	-.3	-.4	-.3	-.3	-.3	-.3	23	-.1	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	29	29	29	29	30	30	30	30	30	30	30	30	30	30	30			
MAX:	.7	2.4	.9	.9	.4	.4	.4	1.7	1.9	.9	1.2	.8	.5	.5	.5	.7	.9	.4	.5	.5	.4	.5	.4	.4			
AVG:	.13	.09	.07	.06	.05	.05	.19	.26	.18	.13	.14	.11	.10	.11	.14	.11	.06	.05	.02	.03	.01	0.00	0.00				

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .09 MONTHLY MAX: 2.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	-.2	-.3	-.4	-.4	-.5	-.3	-.3	-.4	-.3	-.2	.3	-.1	-.2	-.1	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.4	23	.3	
2	BF	-.2	-.3	-.3	-.2	-.2	-.3	-.2	-.1	-.2	-.2	-.2	-.2	-.2	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.2	-.2	-.1	23	-.1
3	BF	-.1	.1	-.3	-.3	-.3	-.3	-.2	-.3	-.2	-.3	-.2	-.2	-.2	.1	.3	1.5	.9	-.1	-.2	-.1	.3	-.2	-.3	23	1.5	
4	BF	.0	-.2	-.3	-.2	-.3	-.3	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.1	-.2	.0	.0	-.1	.0	.1	.2	23	.2	
5	BF	.3	.4	.0	-.1	-.1	-.1	.2	.1	.0	-.1	-.2	-.1	-.2	-.3	-.1	-.3	-.4	-.4	-.4	-.3	.0	-.4	-.4	23	.4	
6	BF	-.2	-.4	-.4	-.4	-.3	-.3	-.3	.0	.3	.1	-.2	-.2	-.2	.1	.6	.3	.2	.1	-.3	-.2	-.2	-.3	-.2	23	.6	
7	BF	-.1	.0	-.1	-.2	-.2	.1	.0	.8	1.3	.4	.6	.4	.6	.6	.3	.2	.1	.0	.1	.2	.2	.2	.3	23	1.3	
8	BF	.6	.4	.4	.3	.3	.4	.4	.4	.3	.3	.2	.2	.3	.5	.6	.6	.3	.3	.2	.1	.1	.1	.0	23	.6	
9	BF	.3	.1	.1	.0	.2	.3	.3	.2	.4	1.2	.4	.1	.2	.0	.1	.1	.1	.1	.1	.1	.0	-.1	-.1	23	1.2	
10	BF	.2	.2	.3	.2	.2	.2	.1	.1	.0	.0	.0	-.1	.0	.0	.1	.1	.1	.2	.2	.2	2.8	.4	.2	23	2.8	
11	BF	-.1	-.2	-.1	.0	.1	.1	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.1	.0	.0	-.1	-.1	23	.3	
12	BF	.0	-.1	-.1	-.1	.2	.4	.3	.5	.5	.3	.3	.2	.1	.3	.2	-.1	-.2	-.2	-.1	-.1	-.1	.0	.2	23	.5	
13	BF	.2	.0	.1	-.1	.0	.0	.2	.5	.5	.3	.2	.0	.0	-.1	-.2	.0	-.1	.0	.0	.0	.1	.0	.0	23	.5	
14	BF	.1	.1	.1	.1	-.1	-.1	-.1	.0	.0	.3	.9	.5	-.1	.0	.0	-.1	.0	-.1	-.2	-.2	-.2	.0	.1	23	.9	
15	BF	.2	-.1	.0	.6	1.1	.5	.0	.2	.4	.1	.3	.4	.7	.7	.9	.5	.5	.3	.3	.2	-.1	.0	.23	1.1		
16	BF	.2	.4	.2	.1	.0	.1	.2	.3	.4	.3	.4	.5	.5	.4	.5	.3	.4	.4	.4	.4	.5	.5	.6	23	.6	
17	BF	.3	.2	.2	.2	.3	.3	.3	.2	.0	-.1	.0	.1	.1	.1	.2	.1	.1	.1	.1	.2	.2	.1	.2	23	.3	
18	BF	.3	.2	.2	.2	.1	.0	.1	.0	.1	.1	.0	.0	.0	-.2	-.1	-.1	-.1	-.2	-.3	-.2	-.2	-.2	-.2	23	.3	
19	BF	-.2	-.2	-.3	-.3	-.1	.2	.2	-.1	.1	.1	.2	.1	.0	-.1	.0	.1	.2	.2	.2	.1	.1	.0	.1	23	.2	
20	BF	.0	.1	.0	-.1	.2	.3	.3	.3	.1	.1	.1	.0	-.1	-.1	.0	.0	-.1	-.1	-.2	-.2	-.2	-.2	-.2	23	.3	
21	BF	-.3	-.3	-.5	-.5	-.4	-.4	-.4	-.4	-.4	-.3	.0	.0	-.2	-.2	.0	-.3	-.2	-.4	-.4	-.3	-.5	-.5	-.4	23	0.0	
22	BF	-.3	-.4	-.3	-.2	-.3	-.2	-.4	-.3	.0	-.2	.1	-.1	-.2	-.3	-.3	-.2	-.2	-.1	-.2	-.1	-.3	-.4	-.3	23	.1	
23	BF	-.3	-.3	-.3	-.2	-.3	-.2	.7	.2	.0	.1	-.2	-.2	-.2	-.2	-.3	.0	-.2	-.2	-.2	-.2	-.4	-.2	-.3	23	.7	
24	BF	-.2	-.3	-.2	-.2	-.2	-.1	.4	BA	-.1	.9	.5	-.1	-.1	.0	-.3	-.1	-.1	-.2	-.1	-.3	-.1	.0	-.1	22	.9	
25	BF	-.4	-.4	-.3	.0	.0	.1	.1	.2	.0	-.1	-.1	-.2	.0	.1	.1	-.1	-.1	-.1	-.2	-.1	-.2	-.3	-.1	23	.2	
26	BF	.0	-.3	-.1	-.2	-.1	.1	.1	.1	.1	.2	-.1	-.2	-.2	.0	.0	.3	1.3	.1	.1	.4	.1	.1	.0	23	1.3	
27	BF	.2	.2	.1	.0	.0	.1	.3	.3	.2	-.2	-.2	-.1	-.1	.0	.1	.3	.2	.2	.3	.3	.2	.1	.0	23	.3	
28	BF	-.1	.0	.0	-.1	-.4	-.2	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.1	-.1	-.2	-.2	-.1	-.2	-.1	.0	.1	-.1	23	.1	
29	BF	.2	.0	.0	.1	-.1	-.1	-.2	-.3	-.5	-.4	-.2	-.2	-.1	-.3	-.1	-.1	-.3	-.3	.1	.2	.2	.1	.2	23	.2	
30	BF	.0	-.1	-.2	-.1	-.1	-.1	.1	.1	.0	.0	.0	.1	-.1	.0	.0	-.3	-.2	.0	.0	-.1	-.3	-.4	-.2	23	.1	
31	BF	.0	.0	-.2	-.4	-.5	-.6	-.7	-.6	-.4	-.5	-.4	-.2	-.1	-.4	-.5	-.3	.0	-.1	-.5	-.5	-.6	-.6	-.5	23	0.0	
NO.:		31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31			
MAX:		.6	.4	.4	.6	1.1	.5	.7	.8	1.3	1.2	.9	.5	.7	.7	1.5	1.3	.5	.4	.4	2.8	.5	.6				
AVG:		.01	-.05	-.09	-.08	-.06	-.01	.03	.05	.08	.06	.07	0.00	-.01	.01	.04	.07	.05	-.02	-.06	-.04	.04	-.09	-.06			

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: 0.00 MONTHLY MAX: 2.8

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.3	-.4	-.4	-.4	-.3	-.3	-.3	-.3	-.2	-.2	-.1	-.1	.0	-.2	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.1	.0	23	.1
2	BF	.1	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	-.2	-.1	.0	.4	.3	1.5	3.1	.2	.1	.0	.1	23	3.1
3	BF	.0	.0	.0	.0	.0	.0	.0	.1	1.0	1.6	.8	1.1	.6	1.5	.5	.3	.3	.4	.4	.2	.1	.0	.1	23	1.6
4	BF	.2	.1	.1	.1	.0	.2	.2	.1	.2	.2	.0	.0	.0	.6	.5	.4	.4	.2	.2	.2	.1	.1	.1	23	.6
5	BF	.2	.0	.1	.0	.1	.1	.1	.0	.1	.1	.2	.1	.2	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	23	.2
6	BF	.2	.0	.1	.1	.1	.2	.3	.3	.2	.2	.1	.0	.0	.0	.0	.0	.0	-.1	-.1	.0	.0	.0	-.1	23	.3
7	BF	-.1	-.1	-.2	-.1	-.2	-.2	-.1	-.1	-.1	.0	.0	.1	.0	.0	.0	.3	.5	.1	.0	-.1	.0	-.1	.0	23	.5
8	BF	.0	.5	.0	-.2	.2	.1	-.4	-.2	-.2	-.1	.0	-.1	.1	.5	.5	.2	.0	.0	.0	-.1	-.4	-.3	.0	23	.5
9	BF	.0	.0	-.1	.0	.0	.6	.2	.2	.1	.1	.1	.2	.0	.1	.2	.8	1.1	.4	.0	.0	.0	-.1	.0	23	1.1
10	BF	.0	.0	.0	.0	.0	.1	.3	.4	.4	.4	.4	.3	.4	.4	.4	.3	.4	.3	.3	.2	.2	.2	.2	23	.4
11	BF	.1	.1	.1	.2	.2	.2	.3	.2	.2	.3	.2	.1	.0	.0	.0	.1	.1	.0	.0	-.1	-.1	-.1	-.1	23	.3
12	BF	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.4	.0	-.3	-.3	-.3	-.3	-.3	-.3	-.1	.0	-.1	-.1	-.1	23	.4
13	BF	.0	.0	.0	.5	.4	.1	.2	.1	.1	.1	.2	.2	.1	.3	.3	.3	.2	.1	.6	.4	.0	-.2	-.3	23	.6
14	BF	-.2	-.3	-.3	-.2	-.2	-.2	-.1	-.1	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.1	.0	-.4	-.5	-.6	-.6	-.6	-.5	23	0.0
15	BF	-.4	-.4	-.6	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.5	AV	-.5	-.5	-.5	-.5	-.6	-.6	-.5	-.5	-.5	22	-.4
16	BF	-.4	-.5	-.5	-.5	-.5	-.4	-.4	-.5	-.4	-.5	-.5	-.5	-.2	-.1	.0	-.4	-.4	-.3	-.6	-.6	-.6	-.6	-.6	23	.1
17	BF	-.4	-.6	-.6	-.6	-.5	-.3	-.4	-.1	-.3	-.4	-.5	-.5	-.4	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.6	23	-.1
18	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.4	-.5	-.5	-.5	-.6	-.6	-.5	-.6	-.5	-.4	-.4	-.4	-.5	-.5	23	-.4
19	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.4	-.3	-.3	-.4	-.3	-.4	-.3	-.3	-.4	-.4	-.4	-.3	-.4	-.4	-.3	-.3	23	-.3
20	BF	-.4	-.5	-.4	-.4	-.3	.0	2.1	.8	.0	-.2	-.2	-.3	-.4	-.3	.4	.6	-.2	-.3	-.4	-.3	-.3	-.4	-.5	23	2.1
21	BF	-.4	-.3	-.2	-.2	-.1	.0	-.1	BA	-.2	-.1	-.1	-.2	-.2	-.2	-.1	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	22	0.0
22	BF	-.1	-.1	-.1	-.2	-.1	.0	.0	.1	.3	.2	-.1	-.3	-.3	-.3	-.1	-.1	-.1	-.1	-.1	-.1	-.2	-.2	-.2	23	.3
23	BF	-.1	-.2	-.2	-.2	-.2	-.2	-.1	.0	.0	.0	.0	.0	-.3	-.4	-.4	-.4	-.1	-.2	-.1	.0	.0	-.1	-.1	23	0.0
24	BF	-.3	-.3	-.3	-.4	-.3	-.2	-.1	.0	-.1	-.2	-.3	-.1	-.1	-.4	-.3	-.3	-.3	-.5	-.6	-.4	-.5	-.4	-.4	23	0.0
25	BF	-.2	-.4	-.4	-.5	-.4	-.5	-.4	-.3	-.4	-.3	-.1	-.2	-.3	-.2	-.2	-.4	-.3	-.3	-.6	-.6	-.5	-.5	-.6	23	-.1
26	BF	-.3	-.3	-.1	.0	-.2	-.4	-.2	-.3	-.4	-.3	-.3	-.2	-.1	-.3	-.3	-.2	-.2	-.1	-.3	-.3	-.3	-.2	-.1	23	0.0
27	BF	-.4	-.5	-.4	-.3	-.3	-.3	-.3	-.5	-.6	-.6	-.5	-.5	-.5	-.5	-.4	-.4	-.3	-.3	-.5	-.3	-.3	-.4	-.3	23	-.3
28	BF	-.3	-.3	-.3	-.3	-.1	-.1	.0	-.5	-.6	-.6	-.3	-.2	-.6	-.4	-.4	-.5	-.4	-.2	-.4	-.1	-.1	-.2	-.4	23	0.0
29	BF	-.2	-.1	-.3	-.2	-.3	-.2	-.2	.0	.0	-.1	.0	.0	.0	.2	1.1	.2	.1	.0	1.2	.4	-.1	.1	23	1.2	
30	BF	.0	.0	-.2	-.2	.0	-.1	.0	.1	.0	-.4	-.4	-.4	-.3	-.3	-.4	-.3	.5	-.1	-.3	-.4	-.5	-.4	-.2	23	.5
31																									0	
NO.:	30	30	30	30	30	30	30	30	29	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	
MAX:	.2	.5	.1	.5	.4	.6	2.1	.8	1.0	1.6	.8	1.1	.6	1.5	.5	1.1	1.1	1.1	1.5	3.1	1.2	.4	.2	.2		
AVG:	-.15	-.18	-.20	-.18	-.15	-.11	-.02	-.05	-.07	-.07	-.09	-.12	-.14	-.07	-.08	-.02	-.03	-.07	-.07	-.13	-.19	-.22	-.20			

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: -.11 MONTHLY MAX: 3.1

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.2	-.3	-.4	-.3	-.1	-.2	-.4	-.4	-.5	-.5	-.4	-.4	-.2	.0	-.1	.0	.0	-.4	-.6	-.7	-.7	-.5	-.6	23	0.0
2	BF	-.3	-.3	-.4	-.4	-.5	-.6	-.2	-.1	.0	-.1	-.2	-.4	.0	.0	-.1	-.3	-.1	-.5	-.5	-.6	-.6	-.7	-.7	23	0.0
3	BF	-.6	-.6	-.5	-.6	-.4	-.5	-.5	-.5	-.6	-.5	-.5	-.4	-.4	-.2	-.2	-.2	-.4	-.6	-.6	-.6	-.7	-.6	-.7	23	-.2
4	BF	-.5	-.7	-.7	-.6	-.6	-.6	-.7	-.7	-.6	-.6	-.6	-.4	-.5	-.5	-.5	-.6	-.5	-.6	-.6	-.6	-.5	-.5	-.5	23	-.4
5	BF	-.4	-.5	-.6	-.5	-.4	-.2	-.2	-.3	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	-.4	-.3	-.3	-.5	-.6	23	0.0	
6	BF	-.5	-.5	-.5	-.4	-.3	-.4	-.3	-.2	-.3	-.1	-.2	-.3	-.1	-.2	-.3	-.4	-.4	-.3	-.4	-.4	-.4	-.5	-.6	23	-.1
7	BF	-.6	-.7	-.7	-.7	-.6	-.5	-.5	-.4	-.4	-.5	-.5	-.4	-.3	-.1	-.2	-.1	-.1	-.2	-.2	-.3	-.3	-.4	-.5	23	-.1
8	BF	-.3	-.4	-.5	-.4	-.3	-.1	-.2	-.1	-.1	.0	-.1	-.3	-.3	-.2	.0	.0	-.1	-.3	-.2	-.2	-.3	-.3	-.3	23	0.0
9	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.2	-.3	-.3	-.3	-.2	-.2	-.2	-.2	-.3	-.3	-.2	-.3	23	-.2
10	BF	-.2	-.3	-.2	-.3	-.3	-.2	.9	-.1	-.3	-.3	-.1	-.2	-.3	-.2	-.1	.0	-.1	.0	-.2	-.3	-.4	-.4	-.5	23	.9
11	BF	-.4	-.4	-.4	-.3	-.3	-.2	-.4	-.3	-.2	-.3	-.1	-.3	-.3	-.5	-.6	-.6	-.4	-.6	-.5	-.5	-.6	-.6	-.5	23	-.1
12	BF	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.4	-.4	-.5	-.4	-.4	-.5	-.5	-.5	-.5	-.6	-.5	-.5	-.4	-.5	-.5	-.5	23	-.4
13	BF	-.5	-.4	-.4	-.3	-.4	-.5	.0	.1	.0	.0	-.1	-.1	.0	-.2	-.3	.0	.1	-.3	-.3	-.3	-.4	-.3	-.3	23	.1
14	BF	-.3	-.4	-.4	-.4	-.3	.0	.1	.2	.1	.0	-.2	-.2	-.1	-.2	-.3	-.2	-.1	-.2	-.4	-.4	-.5	-.5	-.4	23	.2
15	BF	-.2	-.3	-.3	-.3	-.4	-.2	-.3	-.3	-.3	-.3	-.4	-.1	.0	-.1	.0	-.2	-.4	-.5	-.3	-.3	-.3	-.3	-.2	23	0.0
16	BF	-.2	-.2	-.1	-.1	-.2	.0	-.1	-.1	-.1	-.2	-.3	-.3	-.1	-.1	-.1	-.2	-.5	-.3	-.4	-.3	-.3	-.3	-.3	23	0.0
17	BF	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	-.2	-.3	-.2	-.1	-.1	.0	.0	.2	-.1	-.1	-.3	-.2	-.3	-.3	-.2	23	.2
18	BF	-.1	-.1	-.1	-.3	-.3	-.2	.0	.0	-.1	-.1	-.1	-.1	-.2	-.1	-.2	-.2	-.2	-.1	-.1	-.3	-.3	-.3	-.3	23	0.0
19	BF	-.2	-.4	-.3	-.3	-.3	-.2	-.2	BA	BA	-.1	-.1	-.1	-.2	-.3	-.4	-.3	-.3	-.2	-.4	-.3	-.3	-.4	-.4	21	-.1
20	BF	-.3	-.4	-.3	-.4	-.3	-.2	-.2	.0	-.1	-.3	-.3	-.4	-.3	-.3	-.2	-.3	-.3	-.3	-.3	-.3	-.3	-.3	-.3	23	0.0
21	BF	.0	-.2	-.2	-.1	-.1	-.1	.0	.1	.0	-.2	-.2	-.3	-.2	-.2	-.2	-.1	-.3	-.3	-.3	-.3	-.3	-.4	-.5	23	.1
22	BF	-.3	-.4	-.3	-.2	-.3	-.3	-.3	.4	.0	-.1	-.1	-.2	.7	1.5	1.0	.7	.5	.0	1.3	2.3	.9	.2	.0	23	2.3
23	BF	-.1	-.2	-.2	-.2	-.3	-.3	-.4	-.5	-.4	-.4	-.3	-.3	-.3	-.4	-.4	-.4	-.4	-.5	-.5	-.6	-.6	-.5	-.4	23	-.1
24	BF	-.3	-.4	-.4	-.4	-.4	-.4	-.3	-.1	-.2	-.2	-.3	-.3	-.4	-.4	-.4	-.4	-.4	-.4	-.2	-.2	-.4	-.5	-.5	23	-.1
25	BF	-.4	-.5	-.5	-.4	-.4	-.4	-.4	-.3	-.2	-.1	-.3	-.4	-.3	-.2	-.2	-.2	-.3	-.3	-.3	-.3	-.3	-.2	-.2	23	-.1
26	BF	-.2	-.2	-.2	-.2	-.1	.2	.2	.0	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.2	-.2	23	.2
27	BF	-.1	-.2	-.1	.0	.1	.2	.2	-.1	.0	.0	-.1	-.2	-.3	-.2	-.2	-.2	-.1	-.1	-.1	-.2	-.3	-.4	-.3	23	.2
28	BF	-.2	-.3	-.2	-.3	-.3	-.1	.0	-.2	-.1	-.2	-.1	-.2	-.2	-.2	-.1	-.1	.0	.0	-.1	-.1	-.3	-.3	-.3	23	.1
29	BF	-.1	-.2	-.2	-.2	-.1	.0	.0	-.1	-.2	-.3	-.3	-.3	-.3	-.4	-.4	-.4	-.3	-.4	-.3	-.3	-.3	-.5	-.4	23	0.0
30	BF	.0	.0	-.3	-.3	-.4	-.4	-.3	-.3	-.1	-.2	-.4	-.3	-.2	-.3	-.4	-.2	-.1	-.1	-.3	-.5	-.5	-.4	-.4	23	0.0
31	BF	-.3	-.4	-.4	-.6	-.5	-.6	-.5	-.5	-.5	-.6	-.4	-.4	-.4	-.5	-.4	-.5	-.6	-.6	-.5	-.5	-.4	-.3	-.3	23	-.3
NO.:		31	31	31	31	31	31	31	30	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		0.0	0.0	-.1	0.0	.1	.2	.9	.4	.1	0.0	0.0	0.0	.7	1.5	1.0	.7	.5	.1	1.3	2.3	.9	.2	0.0		
AVG:		-.28	-.35	-.35	-.34	-.32	-.26	-.19	-.18	-.20	-.23	-.25	-.26	-.20	-.17	-.20	-.19	-.22	-.29	-.28	-.27	-.35	-.39	-.39		

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: -.27 MONTHLY MAX: 2.3

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	-.3	-.4	-.5	-.5	-.6	-.5	-.5	-.5	-.4	-.4	-.3	-.3	-.3	-.1	-.2	-.1	-.4	-.4	-.4	-.5	-.5	-.4	-.4	-.4	23	-.1
2	BF	-.3	-.3	-.4	-.4	-.4	-.2	-.3	-.3	-.2	-.4	-.4	-.3	-.4	-.4	-.3	-.3	-.3	-.3	-.3	-.2	-.4	-.4	-.4	-.4	23	-.2
3	BF	-.2	-.3	-.4	-.6	-.6	-.6	-.6	-.3	-.5	-.5	-.5	-.5	-.4	-.4	-.4	-.3	-.3	-.3	-.4	-.5	-.6	-.5	-.6	-.6	23	-.2
4	BF	-.4	-.4	-.6	-.5	-.6	-.7	-.5	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.5	-.5	-.6	-.6	-.6	-.6	-.7	23	-.4
5	BF	-.4	-.5	-.6	-.5	-.5	-.6	-.5	-.5	-.6	-.7	-.7	-.8	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.6	-.7	23	-.4
6	BF	-.6	-.7	-.7	-.8	-.7	-.8	-.7	-.5	-.7	-.7	-.7	-.7	-.6	-.6	-.5	-.5	-.5	-.5	-.5	-.5	-.5	-.6	-.6	-.6	23	-.5
7	BF	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.7	-.8	-.8	-.8	-.8	-.9	-.8	-.8	23	-.6
8	BF	-.7	-.7	-.7	-.8	-.7	-.7	-.7	-.6	-.7	-.7	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	.5	.7	.2	-.6	-.8	-.9	23	-.7
9	BF	-.7	-.7	-.8	-.8	-.9	-.8	-.8	-.8	-.7	-.7	-.8	-.8	-.8	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.9	-.8	-.8	23	-.7
10	BF	-.8	-.8	-.8	-.8	-.8	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.7	-.6	-.6	-.6	23	-.6
11	BF	-.6	-.7	-.8	-.8	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	23	-.6
12	BF	-.6	-.7	-.8	-.7	-.7	-.7	-.4	-.5	-.7	-.8	-.8	-.7	-.7	-.6	-.5	-.7	-.7	-.8	-.7	-.8	-.7	-.8	-.8	-.8	23	-.4
13	BF	-.6	-.6	-.7	-.7	-.8	-.7	-.8	-.6	-.6	-.7	-.8	-.8	-.7	-.7	-.7	-.5	-.7	-.7	-.8	-.8	-.8	-.8	-.8	-.8	23	-.5
14	BF	-.7	-.8	-.7	-.7	-.8	-.9	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.7	-.8	-.7	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	23	-.7
15	BF	-.7	-.8	-.8	-.8	-.8	-.8	-.9	-.8	-.8	-.9	-.8	-.9	-.7	-.6	-.3	-.7	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.9	23	-.3
16	BF	-.7	-.8	-.8	-.7	-.7	-.8	-.8	BA	-.6	-.6	-.7	-.7	-.7	-.8	-.8	-.8	-.9	-.8	-.9	-.8	-.7	-.7	-.7	-.7	22	-.6
17	BF	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.8	-.7	-.8	-.7	-.7	-.7	-.7	-.8	-.7	-.9	-.8	-.7	-.8	-.7	23	-.7
18	BF	-.6	-.8	-.8	-.8	-.8	-.8	-.8	-.7	-.6	-.7	-.7	-.8	-.8	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.8	-.9	-.9	23	-.6
19	BF	-.6	-.7	-.7	-.8	-.8	-.6	-.5	-.4	-.6	-.5	-.6	-.6	-.6	-.6	-.5	-.6	-.6	-.7	-.7	-.7	-.9	-.9	-.9	-.9	23	-.4
20	BF	-.8	-.8	-.9	-.8	-.8	-.8	-.7	-.8	-.7	-.8	-.8	-.8	-.8	-.7	-.7	-.7	-.7	-.6	-.7	-.8	-.7	-.7	-.7	-.7	23	-.6
21	BF	-.7	-.9	-.9	-.9	-.9	-.8	-.8	-.8	-.7	-.8	-.8	-.8	-.9	-.8	-.8	-.8	-.8	-.8	-.7	-.7	-.7	-.7	-.7	-.6	23	-.6
22	BF	-.6	-.7	-.7	.3	-.4	-.4	-.5	-.5	-.6	-.6	-.6	-.6	-.7	-.7	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.8	-.8	-.8	23	.3
23	BF	-.7	-.8	-.8	-.8	-.8	-.7	-.7	-.6	-.6	-.7	-.7	-.7	-.7	-.6	-.7	-.6	-.7	-.7	-.7	-.7	-.8	-.6	-.8	-.8	23	-.6
24	BF	-.6	-.8	-.8	-.8	-.7	-.7	-.7	-.7	-.7	-.6	-.6	-.6	-.7	-.6	-.8	-.7	-.7	-.7	-.8	-.7	-.7	-.6	-.7	-.7	23	-.6
25	BF	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.5	-.6	-.6	-.6	-.6	-.6	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.7	-.6	-.6	23	-.5
26	BF	-.6	-.7	-.6	-.6	-.6	-.4	-.5	-.5	-.6	-.6	-.6	-.4	-.5	-.7	-.7	-.8	-.8	-.9	-.8	-.8	-.8	-.8	-.9	-.8	23	-.4
27	BF	-.7	-.7	-.9	-.9	-.8	-.8	-.8	-.7	-.8	-.8	-.7	-.7	-.7	-.7	-.8	-.8	-.9	-.8	-.9	-.9	-.8	-.8	-.8	-.8	23	-.7
28	BF	-.7	-.8	-.8	-.9	-.9	-.8	-.8	-.8	-.8	-.8	-.8	-.8	-.9	-.9	-.9	-.8	-.9	-.8	-.8	-.9	-.8	-.8	-.8	-.8	23	-.7
29	BF	-.7	-.8	-.8	-.9	-.9	-.9	-.8	-.8	-.8	-.8	-.7	-.7	-.7	-.8	-.8	-.8	-.8	-.7	-.7	-.7	-.6	-.7	-.8	-.8	23	-.6
30	BF	-.6	-.7	-.8	-.8	-.8	-.9	-.9	-.8	-.8	-.7	-.8	-.8	-.9	-.9	-.8	-.8	-.9	-.8	-.8	-.8	-.9	-.8	-.8	-.7	23	-.6
31	BF	-.5	-.7	-.7	-.6	-.7	-.9	-.9	-.9	-.9	-.1.0	-.1.0	-.1.0	-.9	-.9	-.9	-.9	-.9	-.9	-.9	-.1.0	-.9	-.1.0	-.1.0	-.1.0	23	-.5
NO.:		31	31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:		-.2	-.3	-.4	.3	-.4	-.2	-.3	-.3	-.2	-.4	-.3	-.3	-.3	-.1	-.2	-.1	-.3	.5	.7	.2	-.4	-.4	-.4	-.4		
AVG:		-.60	-.68	-.72	-.69	-.72	-.70	-.67	-.63	-.66	-.69	-.68	-.69	-.68	-.69	-.66	-.66	-.66	-.70	-.66	-.67	-.70	-.72	-.73	-.74		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: -.69 MONTHLY MAX: .7

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.7	-.7	-.9	-.9	-.9	-.8	-.5	-.6	-.7	-.8	-.8	-.6	-.8	-.8	-.9	-.9	-.8	-.9	-.9	-.9	-.9	-.9	-.9	23	-.5
2	BF	-.7	-.9	-.8	-.8	-.9	-.8	-.9	-.9	-.8	-.8	-.9	-.8	-.8	-.9	-.9	-.9	-.8	-.8	-.8	-.7	-.8	-.8	-.8	23	-.7
3	BF	-.5	-.7	-.7	-.8	-.7	-.8	-.9	-.9	-.9	-.8	-.9	-.9	-.5	-.6	-.4	-.5	-.3	-.6	-.6	-.7	-.8	-.9	-.8	23	-.3
4	BF	-.7	-.8	-.8	-.8	-.9	-.4	-.4	-.7	-.8	-.8	-.8	-.8	-.8	-.8	-.9	-.9	-.9	-.8	-.8	-.9	-.9	-.9	-.9	23	-.4
5	BF	-.8	-.8	-.8	-.8	-.8	-.8	-.6	-.7	-.7	-.8	-.8	-.8	-.8	-.9	-.8	-.8	-.8	-.9	-.9	-.9	-.8	-.8	-.8	23	-.6
6	BF	-.7	-.8	-.8	-.9	-.8	-.8	-.8	-.6	-.6	-.6	-.5	-.6	-.4	-.5	-.7	-.7	-.7	-.8	-.8	-.8	-.8	-.8	-.8	23	-.4
7	BF	-.6	-.7	-.7	-.8	-.7	-.6	-.6	-.6	-.6	-.6	-.5	-.5	-.6	-.6	-.7	-.7	-.7	-.8	-.7	-.8	-.9	-.9	-.9	23	-.5
8	BF	-.6	-.5	-.4	-.6	-.7	-.6	-.5	-.4	-.6	-.6	-.7	-.7	-.8	-.8	-.8	-.8	-.7	-.7	-.8	-.8	-.9	-.9	-.9	23	-.4
9	BF	-.8	-.9	-.9	-.8	-.9	-.9	-.8	-.6	-.6	-.5	-.6	-.8	-.8	-.8	-.8	-.9	-.9	-.9	-.9	-.3	-.9	-.8	-.2	23	-.2
10	BF	-.7	-.9	-1.0	-1.0	-.9	-.9	-.8	-.8	-.8	-.8	-.7	-.8	-.7	-.8	-.5	-.4	-.5	-.8	-.4	-.8	-.8	-.8	-.8	23	-.4
11	BF	-.9	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-.8	-.9	-.9	-.8	-.9	-.8	-.8	-.8	-.8	-1.0	-1.0	-1.0	-.9	-1.0	-1.0	-1.0	23	-.8
12	BF	-.8	-.9	-.8	-.9	-.9	-.9	-.9	-.7	-.6	-.8	-.9	-1.0	-1.0	-1.0	-1.0	-1.1	-1.0	-1.0	-1.0	-1.0	-1.1	-1.0	-1.1	23	-.6
13	BF	-1.0	-1.0	-1.1	-1.0	-1.1	-1.0	-1.1	BA	-1.1	-1.1	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	-1.1	-1.0	-1.0	-1.1	-1.1	-1.1	-1.0	22	-1.0
14	BF	-.9	-.9	-1.0	-1.0	-1.0	-1.1	-1.1	-1.1	-1.0	-1.0	-1.1	-1.1	-1.0	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	-1.1	23	-.9
15	BF	-.9	-1.0	-1.1	-1.2	-1.1	-1.1	-1.1	-1.1	-1.1	-1.2	-1.2	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	-1.1	-1.1	-1.1	-1.1	-1.1	-1.0	23	-.9
16	BF	-1.0	-1.0	-1.0	-1.0	-1.0	-1.1	BC	BC	BC	BC	BC	BC	BC	BC	.1	-.1	.0	.0	.0	.0	.0	.0	.0	15	.1
17	BF	.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.0	.0	.0	-.1	.0	.0	.0	.0	23	.1
18	BF	.1	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	23	.1
19	BF	.1	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.2	-.1	-.1	-.1	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
20	BF	.1	.1	.0	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	23	.1
21	BF	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.2	.2	.5	.4	.2	.2	.1	.0	.1	.1	.1	.0	-.1	23	.5
22	BF	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1
23	BF	.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.0	.1	.1	.2	.2	.2	.1	.0	.1	.1	.1	.1	.1	23	.2
24	BF	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.1	.1	.0	.1	.1	.1	.2	.1	.2	.2	.2	23	.2
25	BF	.3	.3	.3	.2	.1	.1	.0	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	.1	.0	-.1	-.1	.0	.0	23	.3
26	BF	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.1	.1	.0	.1	.1	.1	23	.2
27	BF	.3	.2	.1	.1	.0	-.1	.0	.1	.2	.1	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	23	.3
28	BF	.1	.1	.0	.0	-.1	.0	.0	.1	.2	.1	.0	.8	.9	1.2	1.0	.3	.0	-.1	-.1	-.1	.0	.0	.1	23	1.2
29	BF	.2	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.0	.1	.2	.1	.1	.0	.1	.1	.1	.1	.1	.1	23	.2
30	BF	.3	.1	.2	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.2	23	.3
31																									0	
NO.:	30	30	30	30	30	30	30	29	28	29	29	29	29	29	30	30	30	30	30	30	30	30	30	30		
MAX:	.3	.3	.3	.3	.3	.3	.2	.2	.1	.2	.1	.2	.8	.9	1.2	1.0	.3	.2	.1	.2	.2	.2	.2	.2		
AVG:	-.34	-.42	-.43	-.45	-.46	-.43	-.40	-.36	-.37	-.40	-.40	-.39	-.34	-.35	-.36	-.38	-.39	-.42	-.41	-.42	-.45	-.44	-.44	-.40		

MONTHLY OBSERVATIONS: 681 MONTHLY MEAN: -.40 MONTHLY MAX: 1.2

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	.2	.2	.1	.2	.0	.1	.2	.1	.4	1.4	1.5	.7	.0	-.1	-.1	.0	-.1	-.1	-.2	-.1	-.1	-.2	-.2	23	1.5
2	BF	-.1	-.2	-.2	-.1	-.2	-.2	-.2	-.2	.1	.2	.2	.1	.0	.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
3	BF	.2	.2	.1	.2	.1	.2	.1	.1	.2	.5	.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	23	.5
4	BF	.1	-.1	-.1	-.1	-.2	-.1	.0	.0	.1	.1	.0	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	23	.1
5	BF	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
6	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
7	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
8	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
9	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
10	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	0	
11	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	SA	BC	BC	.2	.1	.1	.1	.1	.0	.0	.0	8	.2
12	BF	.1	.0	.1	.0	.0	.1	.1	.2	.2	.2	.3	.1	.2	.1	.2	.1	.1	.0	.0	.0	.1	.0	.1	23	.3
13	BF	.2	.1	.1	.1	.1	.2	.2	AV	.3	.3	.2	.3	.3	.3	.4	.3	.5	.2	.2	.2	.2	.1	.1	22	.5
14	BF	.1	.1	.0	.1	.0	.0	.2	.4	.3	.3	.3	.3	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	23	.4
15	BF	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.3	.2	.1	.1	.1	.0	.1	.0	.1	.1	.1	.0	.0	23	.3
16	BF	.1	.1	.0	.0	.0	.0	.0	.0	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23	.2
17	BF	.1	.1	.1	.2	.1	.1	.0	.1	.2	.2	.1	.1	.1	.1	.5	2.0	.3	.2	.1	.0	.0	-.1	.0	23	2.0
18	BF	.0	.0	.1	.1	.0	.1	.2	.0	.2	.1	.0	.0	.0	.1	.5	.1	.0	.0	-.1	-.1	-.1	-.1	-.1	23	.5
19	BF	.0	-.1	.0	.0	.1	.0	-.1	.0	.8	.6	.3	.1	.1	.1	AV	.5	.8	1.5	1.1	.6	.1	.0	.0	22	1.5
20	BF	-.1	.0	.2	.0	.0	.1	.0	.0	.1	.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	23	.2
21	BF	.0	.0	.0	.0	.0	.1	.1	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	-.1	-.2	-.1	.4	AV	-.1	22	.4
22	BF	.0	-.1	-.1	-.1	.1	.0	-.1	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	.1
23	BF	.1	.0	.0	-.1	.0	.0	.1	.2	.4	.3	.4	.3	.3	.2	.3	.3	.1	.1	.2	.1	.2	.1	.1	23	.4
24	BF	.1	.1	.1	.2	.2	.1	.5	.7	.6	.5	.5	.5	.6	.5	.5	.4	.3	.2	.0	.0	.2	.2	.1	23	.7
25	BF	.1	.0	.0	.1	.0	.1	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.1	.2	.1	.0	.1	.0	.1	23	.3
26	BF	.1	.1	.0	.0	.0	.1	.3	.3	.3	.2	.3	.3	.3	.2	.3	.2	.2	.1	.0	.1	.1	.0	.0	23	.3
27	BF	.1	.1	.2	.1	.0	.0	.1	.2	.2	.2	.2	.3	.5	.2	.1	.1	.1	.2	.1	.0	.1	.1	.0	23	.5
28	BF	.2	.1	.0	.1	.1	.1	.1	.1	.4	.4	.5	.3	.2	.3	.2	.3	.1	.1	.0	.1	.0	.1	.0	23	.5
29	BF	.1	.1	.1	.0	.0	.0	.0	.0	.2	.2	.1	.1	.2	.0	.3	.6	.0	.1	.0	.0	.0	.0	.0	23	.6
30	BF	.1	.1	.1	.0	.1	.1	.0	.0	.3	.3	.3	.4	.4	.4	.4	.3	.2	.1	.0	-.1	-.1	.0	.0	23	.4
31	BF	.1	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	-.1	.0	.0	-.1	23	.3
NO.:		24	24	24	24	24	24	24	23	24	24	24	24	24	24	23	25	25	25	25	25	25	24	25		
MAX:		.2	.2	.2	.2	.2	.2	.5	.7	.8	1.4	1.5	.7	.6	.5	.5	2.0	.8	1.5	1.1	.6	.4	.2	.1		
AVG:		.08	.04	.04	.05	.03	.05	.09	.12	.25	.29	.26	.21	.17	.13	.20	.23	.12	.12	.06	.04	.05	0.00	0.00		

MONTHLY OBSERVATIONS: 557 MONTHLY MEAN: .11 MONTHLY MAX: 2.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	BF	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.0	.0	.1	.1	.0	.0	23	.1	
2	BF	.1	.0	.1	.0	.0	.0	.0	.1	.1	.1	.3	.4	.3	.2	.3	.2	.1	.1	.1	.1	.1	.2	.2	23	.4	
3	BF	.3	.4	.3	.3	.2	.3	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	23	.4	
4	BF	.1	.0	-.1	.0	.0	.1	.0	-.1	-.1	.0	.0	.0	.0	.0	.1	.0	.1	.0	.0	-.1	.0	.0	-.1	23	.1	
5	BF	.0	-.1	-.1	.0	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.0	.1	.1	.1	.0	.1	23	.2	
6	BF	.1	.1	.0	.1	.1	.1	.2	.1	1.1	1.4	.5	.6	.7	.5	.8	1.0	.5	.3	.3	.2	.2	.3	.2	23	1.4	
7	BF	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	.1	
8	BF	.1	.0	.0	.0	.1	.0	.2	.4	.9	.3	.3	BA	.4	.4	.4	.4	.3	.2	.2	.1	.1	.2	.1	22	.9	
9	BF	.1	.1	.1	.0	.0	.1	.3	.7	.6	.3	.3	.3	.4	.4	.4	.5	.3	.2	.2	.1	.1	.5	.6	23	.7	
10	BF	.3	.1	.2	.2	.1	.1	.3	.7	.3	.3	.3	.3	.3	.5	.6	.8	.4	.3	.2	.3	.2	.1	.1	23	.8	
11	BF	.1	.1	.1	.1	.1	.0	.1	.4	.5	.5	1.4	1.4	.4	.7	.4	.4	.3	.3	.3	.2	.2	.3	.3	23	1.4	
12	BF	.5	.3	.3	.3	.3	.2	.2	.3	.2	.2	.3	.3	.3	.2	.3	.2	.2	.2	.3	.4	.5	.3	.3	23	.5	
13	BF	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.4	.3	.3	.6	.3	.2	.2	.2	.1	.2	.1	.1	.1	23	.6	
14	BF	.1	.1	.1	.1	.1	.1	.1	.1	.2	.4	.2	.3	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.4	
15	BF	.1	.1	.1	.1	.1	.1	.2	.3	.7	.6	.6	.7	.4	.4	.3	.4	.3	.2	.2	.3	.2	.2	.2	23	.7	
16	BF	.3	.3	.2	.1	.1	.3	.4	.1	.1	1.1	1.1	.8	.6	.5	.4	.4	.3	.1	.2	.2	.1	.0	.0	23	1.1	
17	BF	.3	.0	.1	.2	.2	.3	.1	.1	.2	.4	.3	.4	.4	.5	.4	.6	.2	.2	.1	.2	.2	.2	.2	23	.6	
18	BF	.3	.2	.3	.2	.3	.3	.2	.2	.2	1.6	1.0	.6	.7	.7	.6	.8	.4	.2	.2	.1	.0	.0	.1	23	1.6	
19	BF	.1	.0	.0	.1	.0	.0	.0	.0	.5	.7	.6	.6	.6	.4	.5	.5	.3	.2	.1	.0	.0	.0	.0	23	.7	
20	BF	.1	.1	.1	.0	.1	.1	.1	.2	.1	.1	.2	.3	.4	.4	.4	.2	.2	.2	.1	.1	.1	.2	.1	23	.4	
21	BF	.1	.2	.1	.2	.2	.4	.2	.3	.5	.4	.5	.5	.5	.4	.4	.4	.8	.7	.4	.2	.2	.2	.2	23	.8	
22	BF	.2	.2	.2	.2	.2	.3	.3	.3	.4	.4	.9	.6	.3	.3	.3	.8	.6	.5	.2	.3	.3	.4	.4	23	.9	
23	BF	.5	.3	.4	.4	.5	.2	.5	.2	.8	1.1	1.0	.9	.7	.5	.6	.4	.3	.2	.3	.3	.2	.2	.3	23	1.1	
24	BF	.2	.2	.2	.3	.3	.3	.4	.5	.7	.4	.3	.3	.2	.2	.3	.2	.1	.2	.1	.1	.0	.0	.0	23	.7	
25	BF	.1	.0	.2	.1	.2	.2	.3	.2	.1	.5	.5	.4	.3	.2	.2	.2	.1	.7	.9	.1	.0	.8	.0	23	.9	
26	BF	.0	.0	-.1	.0	.0	-.1	.0	.0	.0	.2	.3	.1	.1	.2	.3	.7	.2	.0	.0	.1	.0	.0	.0	23	.7	
27	BF	.1	.1	.0	.1	.0	.1	.1	.1	.2	.2	.2	.2	.2	.3	.5	.5	.3	.2	.2	.3	.2	.3	.3	23	.5	
28	BF	.5	.4	.3	.2	.5	.3	.5	.2	.2	.3	.3	.4	.4	.3	.2	.2	.1	.2	.2	.2	.2	.2	.1	23	.5	
29	BF	.2	.1	.1	.1	.2	.3	.2	.2	.1	.4	.3	.2	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	23	.4	
30	BF	.1	-.1	.0	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	-.1	23	.1	
31																										0	
NO.:	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.5	.4	.4	.4	.5	.4	.5	.7	1.1	1.6	1.4	1.4	1.4	.7	.7	.8	1.0	.8	.7	.9	.4	.5	.8	.6			
AVG:	.18	.11	.11	.12	.14	.15	.19	.21	.31	.42	.42	.40	.33	.32	.31	.36	.24	.18	.17	.14	.11	.15	.12				

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .23 MONTHLY MAX: 1.6

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-129-0006 POC: 1
 COUNTY: (129) New Hanover
 CITY: (00000) Not in a city
 SITE ADDRESS: HIGHWAY 421 NORTH
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (170) SOUTHERN COASTAL PLAIN
 URBANIZED AREA: (9200) WILMINGTON, NC
 LAND USE: INDUSTRIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 7446-09-5
 LATITUDE: 34.268403
 LONGITUDE: -77.956529
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 6
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (060) INSTRUMENTAL PULSED FLUORESCENT
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: 2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM
1	BF	-.1	-.1	-.1	-.1	-.1	-.1	-.1	.0	.1	.1	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	23	.1
2	BF	.2	.1	.0	.1	.0	.1	.2	.2	.1	.2	.5	.4	.3	.3	.4	.4	.6	.3	.3	.3	.2	.2	.2	23	.6
3	BF	.3	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.3	.3	.5	.5	.6	1.6	1.4	.5	.5	.4	.3	.4	23	1.6
4	BF	.3	.3	.4	.3	.3	.4	.3	.6	.6	.6	.5	.4	.3	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	23	.6
5	BF	.2	.1	.1	.1	.0	.0	.0	.0	.1	.1	.5	.7	.3	.2	.1	.1	.1	.0	.1	.1	.0	.0	-.1	23	.7
6	BF	-.1	-.1	-.1	-.1	-.1	-.1	.0	.0	-.1	BA	-.1	-.1	-.1	-.1	-.1	-.1	.0	-.1	-.1	-.1	-.1	-.1	-.1	22	0.0
7	BF	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.2	.7	.2	.1	.2	.4	.2	.0	.0	.4	.1	.1	.2	.1	.2	23	.7
8	BF	.2	.1	.2	.0	-.1	-.1	-.1	.0	.0	-.1	.0	.2	.2	.2	.4	.7	.4	.4	.2	.1	.1	.0	.0	23	.7
9	BF	.1	.2	.6	.5	.4	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	5	.6
10	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
11	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0	
12	BF	.2	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
13	BF	.0	.0	-.1	-.1	-.1	-.2	-.1	.0	.0	-.1	-.1	-.1	-.1	.0	.0	.0	.0	-.1	.0	.0	-.1	.0	-.1	23	0.0
14	BF	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	23	.1
15	BF	.2	.0	.0	.1	.1	.2	.2	.2	.3	.3	.3	.3	.3	.5	.7	.7	.4	.4	.3	.3	.4	.4	.4	23	.7
16	BF	.4	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.5	.4	.4	.5	.5	.4	.4	.4	.3	.5	.4	.4	13	.5
17	BF	.3	.2	.3	.2	.2	.2	.2	.2	.2	.6	.4	.8	.6	.5	.5	.4	.2	.1	.2	.1	.1	.3	.1	23	.8
18	BF	.1	.1	.0	.0	.0	.0	.1	.0	.1	.1	.2	.2	.3	.2	.2	.5	.1	.0	.1	.1	.0	.0	.0	23	.5
19	BF	.1	.0	.0	.0	.0	.0	.0	-.1	.0	.0	.0	-.1	.0	AE	AE	AE	AE	AE	AE	AE	.0	AE	AE	14	.1
20	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	.0	.1	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.0	.0	14	.2
21	BF	.1	.0	.1	.1	.2	.2	.4	.4	.7	1.2	2.7	.8	.5	.5	.6	.4	.4	.3	.5	.6	.5	.3	.4	23	2.7
22	BF	.5	.4	.4	.3	.3	.3	.3	.2	.2	1.0	1.4	1.0	.7	.8	.7	.7	.5	.3	.5	.4	.2	.2	.3	23	1.4
23	BF	.5	.5	.4	.5	.5	.5	.5	.7	.8	.7	.7	.6	.5	.5	.5	.6	.4	.4	.3	.3	.3	.2	.3	23	.8
24	BF	.3	.2	.3	.2	.3	.4	.3	.4	.5	1.8	.5	.4	.5	.4	.4	.3	.2	.2	.2	.3	.2	.3	.3	23	1.8
25	BF	.2	.2	.1	.2	.2	.2	.2	.2	.2	.6	.5	.4	.4	.3	.3	.4	.3	.2	.2	.2	.2	.1	.2	23	.6
26	BF	.3	.2	.2	.2	.4	.6	.4	.5	.5	.5	.5	.5	.5	.5	.4	.3	.3	.3	.3	.2	.3	.3	.2	23	.6
27	BF	.3	.2	.2	.2	.2	.2	.2	.3	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.2	23	.3
28	BF	.3	.2	.2	.3	.3	.3	.4	1.0	.5	.5	.4	.5	.4	.4	.5	.4	.3	.2	.3	.3	.3	.3	.3	23	1.0
29	BF	.3	.3	.2	.3	.3	.4	.3	.2	.1	.1	.0	.1	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.2	23	.4
30	BF	.3	.2	.3	.4	.2	.2	.2	.3	.3	.3	.3	.3	.4	.4	.3	.5	.3	.5	.3	.2	.2	.2	.2	23	.5
31	BF	.2	.2	.2	.3	.3	.2	.2	.2	.2	.4	.6	.8	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	23	.8
NO.:		28	27	27	27	27	26	26	26	26	27	29	29	28	28	28	28	28	28	28	28	29	28	28		
MAX:		.5	.5	.6	.5	.5	.6	.5	1.0	.8	1.8	2.7	1.0	.7	.8	.7	.7	1.6	1.4	.5	.6	.5	.4	.4		
AVG:		.20	.13	.15	.16	.15	.17	.17	.22	.23	.38	.39	.33	.27	.29	.31	.33	.28	.23	.21	.19	.16	.16	.16		

MONTHLY OBSERVATIONS: 632 MONTHLY MEAN: .23 MONTHLY MAX: 2.7

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-145-0004 POC: 1
 COUNTY: (145) Person
 CITY: (00000) Not in a city
 SITE ADDRESS: 921 Shore Road, Semora, NC 27343
 SITE COMMENTS:
 MONITOR COMMENTS: STARTED TO REPORT DATA ON 20161231

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

CAS NUMBER: 7446-09-5
 LATITUDE: 36.4900200608
 LONGITUDE: -79.058271729
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 500
 PROBE HEIGHT: 3.6

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .2

DAY	0000	0100	0200	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																											0		
27																											0		
28																											0		
29																											0		
30																											0		
31																											0		
																											.0	1	0.0
NO.:																											1		
MAX:																											0.0		
AVG:																											0.00		

MONTHLY OBSERVATIONS: 1 MONTHLY MEAN: 0.00 MONTHLY MAX: 0.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .2

DAY	0000	0100	0200	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	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
2	.0	BF	.2	.2	.1	.1	.0	.0	.2	.4	.5	.6	.6	.5	.5	.3	.3	.5	.8	1.1	.9	.4	.3	.3	.3	23	1.1
3	.2	BF	.3	.2	.0	.1	.2	.1	.5	.5	.3	.2	.4	.7	.4	.3	.2	.3	.4	.4	.3	.3	.2	.2	.2	23	.7
4	.2	BF	.4	.5	.6	.6	.3	.3	.5	.6	.6	.3	.5	.3	.2	.2	.3	.2	.3	.2	.5	1.2	1.0	.6	.6	23	1.2
5	.4	BF	.4	.4	.5	.4	.5	.5	.7	.9	1.1	.9	.5	.3	.3	.3	.3	.2	.2	.2	.2	.3	.4	.6	.6	23	1.1
6	.9	BF	.5	.7	1.0	.9	.8	1.0	1.4	1.1	.6	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	23	1.4
7	.4	BF	.3	.2	.1	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
8	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
9	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
10	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
11	.0	BF	.0	.0	.0	.0	.1	.2	.2	.2	.2	.2	.2	.1	.2	.6	.4	.5	1.7	2.5	2.5	3.4	3.4	2.7	2.3	23	3.4
12	1.7	BF	1.4	.8	.2	.2	.6	.6	1.0	BA	BA	.3	.2	.2	.2	.3	.3	.3	.3	.2	.2	.6	.5	.3	.3	21	1.7
13	.2	BF	.2	.2	.1	.2	1.3	.8	2.2	3.1	4.7	2.2	.3	.2	.3	.3	.4	.4	1.5	2.1	2.1	1.7	1.5	1.0	23	4.7	
14	.5	BF	.3	.3	.3	.3	.4	2.0	1.9	1.9	1.5	.9	.8	.8	.7	.7	.6	1.9	2.2	1.9	1.0	.6	.6	.5	.5	23	2.2
15	.5	BF	.4	.3	.3	.3	.7	1.0	.8	.8	AX	BA	BC	BC	BC	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	18	1.0
16	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	1.3	.1	.0	.0	.0	.0	23	1.3
17	.0	BF	.0	.0	.1	.3	.2	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	.7	.7	.0	.0	.1	.1	23	.7
18	.0	BF	.0	.0	.1	.1	.2	.1	.3	1.2	.6	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.4	.3	.3	.3	23	1.2
19	.4	BF	.3	.3	.3	.3	.5	.5	.6	.6	.6	.6	.6	.6	.7	.6	.6	.6	.6	.6	.6	.7	.6	.5	.5	23	.7
20	.7	BF	.6	.6	.6	.7	.7	.8	1.9	1.6	1.3	1.0	.9	.9	.8	.9	1.0	1.1	1.1	.8	.5	.5	.4	.4	.4	23	1.9
21	.4	BF	.3	.3	.3	.2	.4	1.4	1.1	.5	.6	.4	.4	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.3	23	1.4
22	.4	BF	.7	.9	1.2	1.3	1.7	1.7	1.3	1.0	.7	.6	.5	.3	.2	.3	.2	.2	.1	.1	.1	.0	.0	.1	.1	23	1.7
23	.1	BF	.2	.2	.1	.1	.2	.1	.2	.3	.2	.2	.3	.3	.2	.2	.5	.5	.4	.7	.8	.6	1.0	1.0	23	1.0	
24	1.4	BF	1.4	.9	.6	.5	.5	.7	1.6	2.4	2.6	2.7	2.2	1.6	1.2	1.1	1.5	1.5	2.1	1.9	1.5	1.7	1.7	1.5	23	2.7	
25	1.0	BF	.8	.9	1.7	1.1	1.7	1.6	1.2	1.1	.9	.5	.4	.4	.5	.5	.4	1.0	1.5	1.1	.7	1.1	.5	.4	23	1.7	
26	.2	BF	.1	.0	.0	.0	.2	.4	1.0	1.0	.7	.4	.4	.3	.5	.7	.6	.6	.7	.6	.6	.5	.4	.3	.3	23	1.0
27	.3	BF	.2	.2	.2	.3	.2	.4	.9	.4	.1	.0	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	.9
28	.0	BF	.0	.0	.0	.0	.1	.1	.3	.2	.2	.2	.2	.1	.1	.2	.2	.2	.3	.2	.1	.1	.3	.3	.3	23	.3
29	.1	BF	.5	.3	.3	.7	.7	.9	.7	.7	.6	.3	.3	.4	.2	.0	.0	.1	.2	.0	.2	.7	.6	.3	.3	23	.9
30	.2	BF	.2	.3	.6	.4	.4	.9	.8	.6	.5	.4	.4	.3	.3	.3	.3	.4	.6	1.0	.7	.7	.9	.4	.4	23	1.0
31	.2	BF	.1	.1	.1	.2	.1	.1	.8	.6	.6	.6	.5	.5	.5	.5	.5	.5	.4	.3	.3	.3	.3	.4	.4	23	.8
NO.:	31		31	31	31	31	31	31	31	30	29	30	30	30	30	31	31	31	31	31	31	31	31	31	31		
MAX:	1.7		1.4	.9	1.7	1.3	1.7	2.0	2.2	3.1	4.7	2.7	2.2	1.6	1.2	1.1	1.5	1.9	2.2	2.5	2.5	3.4	3.4	2.7			
AVG:	.34		.32	.28	.30	.30	.41	.53	.72	.73	.68	.47	.38	.32	.30	.30	.31	.39	.57	.60	.50	.53	.50	.42			

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: .44 MONTHLY MAX: 4.7

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	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	BF	.4	.3	.3	.3	.3	.5	.5	.4	.3	.2	.1	.1	.0	.0	.0	.1	.6	.5	.7	.2	.1	.0	23	.7
2	.0	BF	.0	.0	.0	.0	.1	.2	.3	.4	.5	.5	.5	.3	.3	.2	.2	.2	.2	.1	.1	.0	.0	.0	23	.5
3	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	23	0.0
4	-.1	BF	-.1	-.1	-.1	-.1	.0	.0	.0	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	.0	23	0.0
5	.0	BF	.0	.0	.1	.1	.0	.0	.2	.6	.6	.6	.5	.3	.2	.2	.1	.1	.1	.1	.1	.5	.9	.9	23	.9
6	.7	BF	.7	.5	.5	.3	.6	1.1	.4	.7	.8	.5	.4	.3	.3	.3	.2	.3	.5	.4	.3	.3	.2	.4	23	1.1
7	.3	BF	.2	.3	.2	.2	.2	.3	.2	.3	.4	.5	.4	.3	.3	.4	.6	.5	.5	.5	.5	.5	.6	.7	23	.7
8	.6	BF	.9	1.0	1.7	1.8	1.8	2.4	2.4	2.5	2.2	1.8	1.5	1.2	.9	.8	.7	.6	.1	.0	.0	.0	.0	.0	23	2.5
9	.0	BF	.0	.0	.0	.0	.0	.3	.5	.4	.5	.3	.1	.1	.1	.1	.0	.0	.4	.3	.1	.1	.1	.0	23	.5
10	.0	BF	.1	.4	.4	.3	.4	.7	.9	.7	.5	.5	.8	.4	.5	.4	.3	.1	.5	.3	.2	.1	.2	.2	23	.9
11	.1	BF	.1	.1	.2	.2	.2	.4	.4	.4	.8	.6	.7	.9	.7	.6	.3	.3	.3	.4	.7	1.1	.8	.7	23	1.1
12	1.0	BF	.5	.3	.4	.4	.4	.4	.3	.3	.5	.4	.4	.4	.4	.5	.4	.4	.4	.4	.4	.4	.4	.3	23	1.0
13	.4	BF	.3	.3	.3	.3	.5	1.0	.7	.9	1.0	.3	.4	.3	.3	.2	.2	.2	.3	.4	.4	1.8	2.4	2.5	23	2.5
14	.7	BF	1.1	.6	.5	.5	.6	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.4	.4	.6	.5	.3	.3	.3	23	1.1
15	.3	BF	.5	.6	.8	.5	.4	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	23	.8
16	.0	BF	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	.2	.1	.2	.0	.0	.0	.1	.1	1.3	1.7	23	1.7
17	1.1	BF	.1	.1	.1	.1	.2	.4	.4	.8	.6	.3	.2	.4	.6	.7	.8	.6	.2	.1	.1	.1	.0	.0	23	1.1
18	.1	BF	.0	.1	.1	.1	.2	.3	.4	.6	.4	.2	.2	.3	.4	.5	.3	.2	.3	.3	.2	.6	.3	.2	23	.6
19	.2	BF	.3	.2	.2	.2	.3	.5	.8	.6	.5	.5	.4	.4	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	23	.8
20	.3	BF	.2	.3	.3	.3	.2	.3	.4	.4	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.1	.1	.1	.0	23	.4
21	.0	BF	.0	.0	.0	.0	.0	.1	.0	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	.0	23	.1
22	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	.0	23	0.0
23	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	23	0.0
24	-.1	BF	.0	-.1	-.1	-.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	-.1	-.1	-.1	-.1	-.1	-.1	23	0.0
25	-.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
26	.0	BF	.0	.0	.0	.0	.2	.4	.2	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	1.0	.6	.3	23	1.0
27	.2	BF	.1	.1	.1	.1	.3	.8	.3	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.6	.6	.6	.4	.4	23	.8
28	.4	BF	.2	.2	.1	.2	.3	.8	.6	.6	.5	.4	.3	.2	.2	.2	.2	.3	.3	.4	.5	.4	.4	.3	23	.8
29	.3	BF	.3	.4	.4	.4	.4	.5	.5	.5	.4	.3	.2	.2	.2	.2	.2	.2	.7	.7	2.2	2.2	1.5	.7	23	2.2
30																									0	
31																									0	
NO.:	29		29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	
MAX:	1.1		1.1	1.0	1.7	1.8	1.8	2.4	2.4	2.5	2.2	1.8	1.5	1.2	.9	.8	.8	.6	.7	.7	2.2	2.2	2.4	2.5		
AVG:	.23		.20	.19	.22	.21	.26	.42	.38	.41	.41	.32	.29	.26	.24	.24	.20	.19	.24	.23	.29	.36	.36	.33		

MONTHLY OBSERVATIONS: 667 MONTHLY MEAN: .28 MONTHLY MAX: 2.5

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300	OBS	MAXIMUM	
1	1.1	BF	.1	.3	.7	.6	.5	1.4	1.1	BA	BA	BA	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	8	1.4	
2	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BJ	BC	BC	BC	BC	.4	.3	.3	.3	.3	.3	.3	.3	.3	1.2	1.8	11	1.8	
3	1.0	BF	.5	.4	.4	.5	.6	.4	.3	.5	.7	.6	.5	.4	.4	.3	.3	.3	.3	.3	.3	.2	.2	.2	23	1.0	
4	.2	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.3	.3	.4	.3	.3	.3	.2	.2	.2	23	.4
5	.2	BF	.2	.2	.2	.2	.3	.4	.7	1.2	1.3	1.3	1.1	.9	.7	.6	.6	.6	.6	.6	.5	.5	.4	.3	23	1.3	
6	.3	BF	.2	.2	.2	.1	.1	.1	.2	.4	.5	.3	.2	.2	.3	.2	.2	.2	.3	.3	.2	.2	.2	.2	23	.5	
7	.2	BF	.2	.2	.2	.2	.2	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.5	.5	.6	.6	.6	.4	23	.6	
8	.4	BF	.4	.4	.4	.4	.3	.5	.5	.4	.4	.4	.5	.5	.4	.4	.4	.4	.5	.5	.6	.5	.4	.4	23	.6	
9	.4	BF	.3	.3	.3	.3	.2	.3	.3	.2	.2	.2	.2	.1	.1	.1	.2	.2	.2	.2	.3	.4	.3	.2	23	.4	
10	.2	BF	.2	.2	.1	.1	.1	.2	.2	.3	.3	.2	.2	.1	.1	.1	.2	.2	.2	.2	.3	.3	.2	.3	23	.3	
11	.2	BF	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.1	23	.3	
12	.1	BF	.1	.1	.1	.1	.1	.1	.3	.4	.3	.2	.2	.3	.4	.4	.4	.3	.3	.3	.3	.3	.2	.1	23	.4	
13	.1	BF	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.2	
14	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.1	
15	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.1	.1	.0	.0	23	.3	
16	.0	BF	.0	.0	.0	.0	.1	.3	.4	.4	.3	.3	.3	.3	.3	.3	.2	.2	.1	.3	.3	.2	AE	AE	21	.4	
17	AE	AE	AE	AE	AE	AE	AE	AE	AE	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.7	.4	.4	16	.7	
18	.4	BF	.4	.4	.7	.5	.4	.6	.5	.4	.4	.4	.4	.5	.5	.4	.4	.4	.4	.5	.5	.5	.5	.4	23	.7	
19	.4	BF	.3	.2	.2	.4	.7	.5	.4	.4	.4	.5	.5	.6	.6	.4	.3	.3	.2	.3	.4	.2	.1	.1	23	.7	
20	.1	BF	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
21	.1	BF	.2	.2	.3	.2	.4	.4	.5	.7	1.2	.7	.4	.4	.5	.4	.3	.4	.4	.4	.5	.5	.4	.4	23	1.2	
22	.4	BF	.3	.3	.4	.4	.4	.8	.8	.8	.6	.5	.4	.4	.5	.4	.4	.4	.6	.9	.9	.5	.4	.4	23	.9	
23	.4	BF	.6	.6	.6	.6	.6	.7	.7	.7	.6	.5	.5	.4	.4	.4	.4	.5	.6	.7	.6	.5	.5	.6	23	.7	
24	.6	BF	.4	.4	.4	.3	.4	.5	.5	.6	.5	.5	.4	.3	.2	.2	.3	.2	.2	.1	.1	.1	.1	.1	.1	23	.6
25	.1	BF	.1	.1	.0	.0	.0	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	23	.2	
26	.2	BF	.6	.3	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	23	.6	
27	.1	BF	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1	
28	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	BA	.0	.0	.0	.0	.0	.0	.1	.3	.2	22	.3	
29	.1	BF	.8	.6	.2	.7	2.7	2.2	.7	.2	.2	.1	.2	.2	.2	.1	.1	.1	.2	.2	.3	.2	.2	.2	23	2.7	
30	.2	BF	.2	.2	.2	.2	.2	.3	.4	.4	.4	.3	.4	.3	.6	.5	.4	.3	.3	.3	.2	.2	.2	.2	23	.6	
31	.2	BF	.1	.1	.1	.1	.2	.4	.6	.4	.2	.2	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	23	.6	
NO.:	29		29	29	29	29	29	29	30	29	29	29	29	29	30	30	30	30	30	30	30	30	29	29			
MAX:	1.1		.8	.6	.7	.7	2.7	2.2	1.1	1.2	1.3	1.3	1.1	.9	.7	.6	.6	.6	.6	.9	.9	.7	1.2	1.8			
AVG:	.27		.24	.21	.23	.23	.32	.39	.37	.36	.35	.31	.29	.28	.28	.26	.25	.24	.26	.28	.29	.28	.27	.26			

MONTHLY OBSERVATIONS: 676 MONTHLY MEAN: .28 MONTHLY MAX: 2.7

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	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	BF	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	.1	.1	.0	.0	.1	.0	23	.1	
2	.0	BF	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
3	.1	BF	.1	.2	.2	.3	.3	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.5	.5	.4	23	.5	
4	.3	BF	.3	.2	.3	.4	.4	.6	.7	.6	.5	.4	.3	.3	.3	.4	.4	.4	.4	.4	.5	.5	.4	.3	23	.7	
5	.3	BF	.4	.3	.2	.2	.3	.2	.2	.3	.3	.3	.3	.3	.3	.4	.5	.5	.5	.5	.5	.3	.3	.3	23	.5	
6	.3	BF	.3	.2	.2	.2	.5	.7	.6	.5	.5	.4	.6	.4	.4	.4	.4	.4	.4	.5	.5	.3	.3	.3	23	.7	
7	.3	BF	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.2	.1	.1	23	.3	
8	.2	BF	.2	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.3	.3	.4	.4	23	.4	
9	.3	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.4	.3	1.4	23	1.4	
10	.5	BF	.3	.4	.3	.3	.4	.5	.6	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.4	23	.6	
11	.5	BF	.4	.4	.4	.4	.4	.5	.5	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	23	.5	
12	.2	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	23	.2	
13	.1	BF	.3	.3	.4	.3	.3	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	23	.4	
14	.2	BF	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.3	.3	.3	.2	.2	23	.4	
15	.3	BF	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.3	
16	.3	BF	.3	.4	.3	.3	.3	.4	.3	.3	.3	.4	.4	.3	.3	.4	.3	.4	.4	.4	.4	.4	.4	.4	23	.4	
17	.3	BF	.2	.3	.2	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.4	.4	.3	23	.5	
18	.3	BF	.3	.2	.2	.3	.6	.8	.8	.5	.4	.4	.3	.4	.4	.4	.4	.4	.5	.6	.6	.5	.4	.4	23	.8	
19	.5	BF	.4	.4	.5	.6	.6	.7	.9	1.0	1.0	1.1	.9	.8	.8	.8	.8	.8	.8	.8	.8	.7	.5	.6	23	1.1	
20	.6	BF	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.4	.4	.3	.3	.4	.3	.3	23	.6	
21	.4	BF	.3	.4	.4	.3	.4	.4	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.4	
22	.2	BF	.2	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2	
23	.1	BF	.1	.1	.1	.0	.1	.1	.1	.2	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.3	
24	.1	BF	.1	.1	.1	.1	.2	.2	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	23	.3	
25	.2	BF	.2	.2	.1	.2	.2	.4	.8	.4	.3	.3	.2	.2	.2	.2	.2	.2	.3	.2	.3	.2	.2	.2	23	.8	
26	.2	BF	.2	.2	.3	.3	.3	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	23	.4	
27	.2	BF	.2	.3	.3	.2	.4	.4	.4	.4	.3	.3	.3	.2	.2	.2	.2	.3	.3	.3	.3	.1	.1	23	.4		
28	.1	BF	.1	.0	.1	.0	.1	.2	.3	.4	.3	.3	.2	.2	.1	.2	.2	.1	.0	.0	.0	.0	.0	.0	23	.4	
29	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	.3	
30	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.1	
31																									0		
NO.:	30		30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30			
MAX:	.6		.5	.4	.5	.6	.6	.8	.9	1.0	1.0	1.1	.9	.8	.8	.8	.8	.8	.8	.8	.8	.7	.5	1.4			
AVG:	.24		.23	.22	.22	.22	.27	.32	.34	.32	.30	.30	.29	.27	.27	.28	.28	.28	.28	.28	.28	.29	.28	.25	.27		

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .27 MONTHLY MAX: 1.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	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	BF	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
2	.1	BF	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	23	.2
3	.1	BF	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	23	.1
4	.0	BF	.1	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
5	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.1
6	.1	BF	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2	.4	.1	.1	.1	.2	.2	.1	.1	.1	.1	23	.4
7	.1	BF	.1	.1	.1	.2	.1	.3	.4	.4	.3	.4	.4	.4	.3	.3	.3	.4	.4	.5	.4	.4	.3	.3	23	.5	
8	.3	BF	.4	.4	.3	.3	.3	.3	.2	.2	.2	.1	.1	.2	.2	.1	.2	.2	.1	.2	.2	.1	.1	.1	.1	23	.4
9	.1	BF	.1	.1	.1	.1	BA	.2	.3	BA	.3	BA	.2	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	20	.3
10	.2	BF	.2	.2	.2	.2	.3	.8	.9	1.0	.8	.6	BA	AT	AT	AT	.3	.3	.2	.2	.2	.1	.1	.1	.1	19	1.0
11	.1	BF	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.0	23	.2
12	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
13	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	23	.1
14	.0	BF	.0	.0	.0	.0	.1	.3	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	23	.3
15	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	23	.2
16	.1	BF	.1	.1	.1	.2	.6	.5	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	23	.6
17	.2	BF	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.3
18	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.1
19	.0	BF	.0	.1	.2	.2	.4	.2	.2	.2	.1	.1	.2	BA	.1	.0	.0	.0	.1	.1	.0	.1	.1	.1	.1	22	.4
20	.1	BF	.1	.0	.3	.5	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.5
21	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	23	.1
22	.1	BF	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.1	.1	.1	.4	.2	.0	.0	.0	.0	.0	.0	23	.4
23	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.1	.1	.1	.0	.1	.2	.2	.1	.0	.0	.1	.1	.1	23	.2
24	.1	BF	.1	.0	.0	.1	.1	.3	.3	.2	.2	.3	.2	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	23	.3
25	.1	BF	.1	.1	.1	.1	.3	.4	.5	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	23	.5
26	.2	BF	.2	.1	.1	.1	.3	.4	.3	.3	.3	.2	.2	.2	.1	.1	.1	.2	.2	.3	.2	.2	.1	.1	.1	23	.4
27	.1	BF	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
28	.0	BF	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	23	.1
29	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	23	.1
30	.0	BF	.0	.2	.1	.1	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
31	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
NO.:	31		31	31	31	31	30	31	31	30	31	30	30	29	30	30	31	31	31	31	31	31	31	31	31		
MAX:	.3		.4	.4	.3	.5	.6	.8	.9	1.0	.8	.6	.4	.4	.3	.4	.3	.4	.4	.5	.4	.4	.4	.3	.3		
AVG:	.08		.08	.07	.08	.10	.13	.18	.18	.16	.14	.13	.11	.11	.11	.10	.10	.12	.10	.12	.10	.09	.09	.08			

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: .11 MONTHLY MAX: 1.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2016

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .2

DAY	0000	0100	0200	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	BF	.1	.1	.3	.3	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4	
2	.0	BF	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	23	.1
3	.0	BF	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	23	.2
4	.0	BF	.0	.0	.1	.3	.4	.2	.1	.1	.1	.1	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
5	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
6	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
7	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.2	.8	.5	.9	.1	.0	.1	.1	.1	.1	.1	.0	.0	.2	.4	23	.9
8	2.4	BF	.5	.3	.5	.5	.5	.4	.4	.3	BA	BA	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.2	2.0	21	2.4	
9	.8	BF	.2	.2	.2	.2	.4	.5	.5	.5	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.3	.3	.2	23	.8	
10	.2	BF	.2	.3	.4	.4	.9	.5	.6	.5	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.9
11	.3	BF	.2	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	23	.3
12	.1	BF	.1	.1	.1	.1	.2	.2	.2	.2	.3	.2	.3	.3	.4	.5	.4	.4	.3	.2	.1	.1	.0	.0	.0	23	.5
13	.1	BF	1.0	.5	.2	.3	.3	.4	.4	.5	.5	.4	.3	.3	.2	.2	.3	.5	1.0	1.3	1.1	.8	.6	.4	23	1.3	
14	.2	BF	.2	.2	.1	1.2	.9	.9	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.4	.3	.3	.3	23	1.2
15	.3	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
16	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.4	.8	.9	.5	.1	.1	.1	.1	.1	.1	.0	23	.9
17	.0	BF	.0	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	23	.1
18	.0	BF	.2	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
19	.1	BF	.4	.6	.6	.5	.7	.5	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.2	.2	.2	23	.7
20	.1	BF	.1	.1	.1	.2	.3	.3	.2	.2	.3	.2	.2	.2	.1	.2	.2	.2	.2	.2	.2	.2	.4	.4	.2	23	.4
21	.2	BF	.2	.3	.2	.2	.3	.3	.4	.3	.3	.3	.2	.2	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.1	23	.4
22	.1	BF	.2	.2	.2	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	.3
23	.0	BF	.0	.0	.0	.0	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.2
24	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.0	.1	.1	.1	.1	23	.1
25	.0	BF	.1	.8	.5	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.8
26	.0	BF	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.3	23	.3
27	.5	BF	.2	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	23	.5
28	.1	BF	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
29	.0	BF	.0	.0	.0	.0	.1	.1	.1	.3	.2	.1	.1	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.3
30	.0	BF	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.1	.1	.0	.0	.0	23	.1
31																										0	
NO.:	30		30	30	30	30	30	30	30	30	29	29	30	30	30	30	30	30	30	30	30	30	30	30	30		
MAX:	2.4		1.0	.8	.6	1.2	.9	.9	.6	.5	.5	.8	.5	.9	.8	.9	.5	.5	1.0	1.3	1.1	.8	.6	.6	2.0		
AVG:	.18		.14	.14	.14	.18	.23	.20	.19	.17	.15	.16	.13	.15	.13	.14	.13	.12	.13	.13	.11	.13	.12	.16			

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .15 MONTHLY MAX: 2.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	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	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.1	.0	.0	.0	.1	.1	.1	.1	.1	.0	23	.1	
2	.0	BF	.0	.0	.0	.0	.0	.1	.2	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
3	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	0.0
4	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	23	.2
5	.0	BF	.1	.0	.0	.0	.1	.1	BA	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	.1
6	.0	BF	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
7	.0	BF	.1	.0	.0	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	23	.2
8	.0	BF	.1	.1	.1	.1	.1	.3	.3	.2	.2	.2	.1	.1	.1	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	23	.3
9	.0	BF	.0	.0	.0	.0	.1	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	23	.2	
10	.2	BF	.1	.1	.1	.1	.2	.3	.2	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	23	.3
11	.1	BF	.1	.1	.1	.1	.2	.3	.4	.6	.7	.5	.4	.4	.3	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	23	.7
12	.0	BF	.0	.0	.0	.0	.1	.2	.1	.0	.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.2
13	.0	BF	.0	.0	.0	.0	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	23	.2
14	.2	BF	.1	.0	.0	.1	.1	.3	.3	.3	.4	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.4
15	.1	BF	.1	.1	.1	.1	.1	.2	.2	.3	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.3
16	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
17	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	23	.1
18	.0	BF	.0	.0	.0	.0	.1	.2	.4	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.4
19	.0	BF	.0	.0	.0	.0	.1	.3	.9	.6	.5	.4	.3	.5	.7	.6	.2	.1	.2	.0	.0	.0	.0	.0	.0	23	.9
20	.0	BJ	.0	.0	.0	.0	.2	.3	.9	.3	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.9
21	.0	BF	.0	.0	.0	.1	.1	.1	.1	.1	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.6	.1	.1	.1	.1	23	.6
22	.2	BF	.2	.1	.1	.1	.1	.3	.4	.2	.2	.1	.1	.1	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	23	.4
23	.0	BF	.0	.0	.0	.0	.1	.1	.1	.2	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	.3
24	.0	BF	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	23	.1
25	.0	BF	.1	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	23	.2
26	.1	BF	.2	.1	.1	.2	.2	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	23	.3
27	.0	BF	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1
28	.0	BF	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.1
29	.1	BF	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.6	1.5	1.1	1.3	.8	.3	.2	.1	.1	.2	.2	.2	.2	23	1.5
30	.2	BF	.1	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	23	.2
31	.0	BF	.0	.1	.0	.0	.1	.1	.1	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.5
NO.:	31		31	31	31	31	31	31	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31		
MAX:	.2		.2	.1	.1	.2	.2	.3	.9	.6	.7	.5	.6	1.5	1.1	1.3	.8	.3	.2	.6	.2	.2	.2	.2	.2		
AVG:	.04		.05	.03	.02	.04	.09	.16	.20	.18	.17	.13	.13	.14	.13	.13	.07	.06	.05	.05	.04	.05	.04	.04	.04		

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .09 MONTHLY MAX: 1.5

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	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	BF	.1	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2	
2	.1	BF	.1	.1	.1	.1	.1	.1	.1	BA	.1	.1	.1	.1	.1	.1	.1	.1	.0	.1	.1	.0	.0	.0	22	.1	
3	.1	BF	.1	.0	.0	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.1	
4	.1	BF	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	23	.2	
5	.0	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	23	.2	
6	.0	BF	.1	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	12	.1	
7	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	AE	0		
8	AE	AE	AE	AE	AE	AE	AE	AE	AE	.1	.1	.1	BA	AX	AX	.2	.1	.0	.0	.0	.0	.0	.0	.0	12	.2	
9	.0	BF	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	.1	
10	.0	BF	.1	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.1	
11	.1	BF	.1	.1	.1	.1	.2	.3	.4	.8	.3	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.8	
12	.1	BF	.1	.1	.1	.1	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.3	
13	.0	BF	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2	
14	.1	BF	.2	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2	
15	.1	BF	.2	.1	.2	.2	.2	.3	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	23	.4	
16	.1	BF	.1	.1	.1	.1	.2	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.2	.2	.2	.1	.1	.1	.1	23	.2	
17	.1	BF	.1	.1	.1	.1	.2	.3	.3	.2	.2	.2	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	11	.3	
18	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	13	.1	
19	.1	BF	.1	.2	.2	.2	.3	.3	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.3	
20	.1	BF	.1	.1	.1	.1	.1	.2	.9	.6	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.9	
21	.1	BF	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.2	.3	23	.3	
22	.6	BF	1.3	1.2	1.2	1.0	1.1	1.9	1.3	.9	.3	.2	.3	.3	.3	.3	.4	.3	.4	.7	1.0	.7	.4	.4	23	1.9	
23	.6	BF	.3	.3	.3	.2	.2	.4	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.6	
24	.2	BF	.2	.1	.1	.1	.2	.7	.3	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.7	
25	.2	BF	.2	.1	.1	.2	.2	.3	AZ	AZ	AZ	AZ	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	19	.3	
26	.1	BF	.2	.2	.1	.2	.2	.3	.5	.4	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.5	
27	.1	BF	.2	.1	.1	.1	.2	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	23	.3	
28	.1	BF	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2	
29	.1	BF	.1	.1	.1	.1	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1	.2	.2	.2	.3	.2	.2	.2	.3	23	.3	
30	.4	BF	.4	.3	.2	.2	.2	.6	.5	.3	.3	.3	BA	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	22	.6	
31	.1	BF	.1	.1	.1	.2	.2	.2	.2	.1	.2	.2	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	23	.2	
NO.:	28		28	28	28	28	28	28	27	27	28	29	27	27	27	28	28	28	28	28	28	28	28	28	28		
MAX:	.6		1.3	1.2	1.2	1.0	1.1	1.9	1.3	.9	.4	.4	.3	.3	.3	.3	.4	.3	.4	.7	1.0	.7	.4	.4			
AVG:	.14		.18	.15	.15	.15	.19	.29	.29	.24	.18	.16	.15	.14	.13	.13	.13	.13	.13	.14	.15	.13	.13	.13			

MONTHLY OBSERVATIONS: 640 MONTHLY MEAN: .16 MONTHLY MAX: 1.9

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

REPORT FOR: SEPTEMBER 2016

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

UNITS: Parts per billion

PQAO: (0776) North Carolina Dept Of Environmental Quality

MIN DETECTABLE: .2

DAY	0000	0100	0200	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	BF	.1	.1	.1	.2	.2	.6	.4	.3	.2	.2	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.6
2	.1	BF	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
3	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.2	.2	.1	23	.2	
4	.1	BF	.1	.1	.1	.1	.2	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
5	.1	BF	.1	.1	.1	.1	.2	.3	.6	.4	.3	.3	.2	.2	.2	.2	.2	.2	.3	.4	.3	.3	.3	.2	23	.6	
6	.2	BF	.2	.2	.2	.3	.4	.5	.8	.8	.8	.7	.6	.6	.6	.7	.5	.5	.5	.5	.5	.4	.4	.5	23	.8	
7	.4	BF	.5	.5	.5	.4	.5	.5	.6	.7	.7	.6	.5	.5	.5	.5	.4	.3	.3	.3	.3	.3	.3	.3	23	.7	
8	.3	BF	.4	.5	.6	.5	.6	.7	.7	.7	.4	.3	.3	.3	.2	.2	.3	.3	.3	.3	.3	.3	.2	.3	23	.7	
9	.2	BF	.2	.2	.2	.2	.3	.5	.5	.5	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	23	.5	
10	.2	BF	.2	.2	.3	.3	.4	.4	.5	.4	.4	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.2	.2	.2	23	.5	
11	.2	BF	.3	.3	.3	.3	.3	.3	.3	.4	.3	.3	.5	.5	.5	.4	.4	.5	.5	.4	.2	.1	.1	.2	23	.5	
12	.1	BF	.2	.2	.2	.2	.2	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	23	.4	
13	.1	BF	.1	.1	.1	.1	.1	.3	.3	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	23	.3	
14	.2	BF	.1	.1	.1	.2	.3	.5	.4	.3	.3	.2	.3	.2	.2	.2	.4	.3	.3	.3	.2	.2	.2	.2	23	.5	
15	.2	BF	.2	.2	.2	.3	.5	1.1	.4	.4	.4	.4	.3	.3	.3	.4	.3	.2	.2	.2	.1	.1	.1	.1	23	1.1	
16	.1	BF	.1	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	.2	
17	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	23	.2	
18	.2	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2	
19	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	23	.2	
20	.2	BF	.3	.2	.3	.2	.2	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.3	
21	.2	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2	
22	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.1	
23	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	23	.2	
24	.1	BF	.2	.2	.1	.2	.2	.2	.4	.5	.5	.5	.5	.6	.6	.4	.4	.4	.4	.4	.3	.3	.2	.2	23	.6	
25	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.2	.1	.1	.2	.2	23	.2	
26	.2	BF	.3	.3	.3	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.4	
27	.2	BF	.2	.1	.1	.1	.1	.1	.2	.2	.3	.2	BA	BA	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	21	.3	
28	.1	BK	.1	.1	.1	.1	.1	.2	.3	.3	.3	BA	BA	.2	.2	.1	.2	.1	.1	.1	.1	.1	.1	.1	21	.3	
29	.1	BF	.1	.1	.1	.1	.1	.1	.1	.2	.1	.2	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.2	.2	23	.2	
30	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.1	
31																										0	
NO.:	30		30	30	30	30	30	30	30	30	30	29	28	29	30	30	30	30	30	30	30	30	30	30	30		
MAX:	.4		.5	.5	.6	.5	.6	1.1	.8	.8	.8	.7	.6	.6	.6	.7	.5	.5	.5	.5	.5	.5	.4	.4	.5		
AVG:	.15		.17	.16	.17	.18	.21	.28	.29	.28	.26	.24	.23	.22	.22	.21	.22	.21	.20	.21	.18	.17	.17	.17			

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .21 MONTHLY MAX: 1.1

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	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	BF	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	.3	.3	.3	.4	.4	.3	.2	.3	.2	.2	.2	.2	23	.4	
2	.2	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.4	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	23	.4
3	.2	BF	.2	.2	.2	.2	.3	.3	.5	.5	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.5
4	.2	BF	.2	.1	.2	.2	.2	.2	.3	.3	.3	.2	.2	.2	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
5	.2	BF	.2	.1	.2	.1	.2	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.2
6	.2	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	23	.2
7	.1	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2
8	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.1
9	.1	BF	.1	.1	.2	.2	.3	.4	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.2	23	.4	
10	.2	BF	.3	.3	.3	.3	.3	.3	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	23	.4
11	.2	BF	.3	.2	.3	.3	.3	.4	.5	.6	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.2	23	.6	
12	.2	BF	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	23	.3
13	.2	BF	.2	.2	.2	.3	.5	.5	.4	.4	.5	.5	.6	.6	.5	.4	.4	.4	.3	.3	.2	.2	.3	.3	23	.6	
14	.3	BF	.3	.3	.3	.3	.4	.4	.3	.4	.5	.5	.5	.4	.4	.4	.4	.3	.4	.3	.3	.3	.3	.2	23	.5	
15	.2	BF	.2	.2	.2	.2	.2	.2	.3	.5	.5	.4	.3	.3	.3	.3	.4	.3	.2	.2	.2	.2	.2	.2	23	.5	
16	.2	BF	.2	.2	.2	.2	.2	.2	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.4	.4	23	.4
17	.4	BF	.3	.3	.2	.4	.5	.5	.7	.7	.6	.4	.4	.4	.4	.5	.4	.4	.4	.4	.3	.3	.3	.3	23	.7	
18	.2	BF	.2	.2	.2	.3	.3	.4	.6	.6	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	23	.6	
19	.2	BF	.2	.2	.2	.2	.3	.5	.6	.5	.5	.5	AX	AX	BA	AT	AT	AT	AT	AT	.2	.1	.1	.0	15	.6	
20	.0	BF	.0	.0	.0	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.0	.0	.0	23	.2	
21	.0	BF	.0	.0	.0	.0	.0	.2	.5	.4	.3	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	.1	.1	23	.5	
22	.1	BF	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	23	.2	
23	.1	BF	.2	.3	.4	.4	.2	.3	.4	.4	.4	.4	.3	.3	.2	.2	.2	.2	.3	.3	.3	.2	.2	.1	23	.4	
24	.1	BF	.2	.3	.3	.3	.4	.6	.6	.5	.5	.6	.6	.6	.6	.5	.4	.4	.5	.6	.6	.4	.3	.2	23	.6	
25	.2	BF	.3	.2	.1	.3	.5	.5	.5	.4	.5	.6	.4	.5	.4	.3	.3	.3	.4	.4	.2	.2	.2	.3	23	.6	
26	.3	BF	.3	.2	.4	.2	.6	.7	.8	.4	.3	.3	.3	.3	.3	.3	.4	.6	.5	.3	.3	.3	.3	.3	23	.8	
27	.2	BF	.1	.2	.2	.2	.3	.3	.3	.4	.4	.3	.3	.2	.3	.2	.2	.3	.3	.3	.2	.1	.1	.1	23	.4	
28	.1	BF	.1	.1	.1	.1	.2	.2	.3	.6	.7	.3	.1	.2	.3	.4	.5	.4	.3	.2	.2	.1	.1	.1	23	.7	
29	.1	BF	.1	.1	.1	.1	.3	.2	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.3	.2	.2	.2	.2	23	.4	
30	.1	BF	.1	.1	.1	.1	.1	.1	.4	.3	.3	.3	.2	.2	.2	.1	.2	.3	.3	.3	.3	.2	.2	.2	23	.4	
31	.2	BF	.2	.1	.2	.5	1.3	.7	.3	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	23	1.3	
NO.:	31		31	31	31	31	31	31	31	31	31	31	30	30	30	30	30	30	30	30	31	31	31	31			
MAX:	.4		.3	.3	.4	.5	1.3	.7	.8	.7	.7	.6	.6	.6	.6	.5	.5	.6	.5	.5	.6	.4	.4	.4			
AVG:	.17		.18	.17	.19	.21	.29	.30	.35	.35	.34	.30	.28	.27	.27	.26	.28	.26	.26	.24	.23	.19	.20	.18			

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: .25 MONTHLY MAX: 1.3

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	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	BF	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.2	.2	.2	.3	.2	.2	.1	.1	.1	.5	.4	23	.5	
2	.4	BF	.6	.4	.8	.8	.7	.7	.9	.5	.3	.2	.2	.2	.3	.3	.4	.5	.4	.3	.4	.3	.3	.3	23	.9
3	.2	BF	.2	.1	.2	.3	.3	.3	.4	.5	.7	.6	.4	.4	.5	.4	.3	.4	.4	.3	.3	.3	.2	.2	23	.7
4	.2	BF	.1	.1	.0	.0	.1	.1	.1	.2	.1	.1	.1	.1	.1	.2	.3	.5	.2	.2	.2	.2	.3	.2	23	.5
5	.1	BF	.1	.1	.1	.1	.1	.2	.5	.9	.9	.7	.7	.7	.7	.6	.6	.4	.4	.4	.4	.3	.3	.3	23	.9
6	.3	BF	.3	.2	.2	.3	.3	.3	.4	1.1	.8	.5	.5	.4	.4	.3	.3	.3	.3	.2	.2	.2	.3	.2	23	1.1
7	.2	BF	.1	.1	.2	.2	.3	.4	.6	.3	.3	.3	.3	.3	.3	.3	.4	.3	.2	.3	.3	.2	.3	.2	23	.6
8	.2	BF	.2	.2	.2	.2	.4	.5	.5	1.0	.6	.7	.5	.4	.4	.5	.6	.6	.6	.5	.3	.3	.2	.2	23	1.0
9	.2	BF	.2	.2	.2	.2	.4	.5	.6	.8	.7	.5	.4	.4	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	23	.8
10	.2	BF	.2	.2	.2	.2	.1	.2	.6	.8	1.0	.6	.3	.3	.4	.4	.6	.8	1.3	1.0	.7	.5	.4	.3	23	1.3
11	.4	BF	.3	.3	.4	.5	.5	.6	.7	.6	.5	.6	.6	.7	.7	.8	1.2	1.1	.7	.8	.7	.3	.3	.3	23	1.2
12	.3	BF	.3	.3	.4	.5	.5	.5	.4	.4	.3	.4	.3	.3	.3	.3	.3	.4	.6	.3	.2	.3	.2	.3	23	.6
13	.2	BF	.2	.2	.3	.2	.2	.2	.2	.4	.6	.8	.9	.6	.6	.5	.5	.6	.5	.7	.6	.5	.3	.3	23	.9
14	.3	BF	.2	.2	.2	.2	.2	.2	.2	.3	.2	.3	.3	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	.3
15	.1	BF	.1	.1	.1	.1	.1	.1	.2	.3	.8	1.1	1.2	.9	.7	.7	.6	.5	.7	.6	.8	.7	.6	.5	23	1.2
16	.4	BF	.3	.2	.2	.2	.2	.5	.5	1.1	1.2	.6	.7	.6	BA	.8	.8	.7	.7	.9	.7	.8	.8	.7	22	1.2
17	.5	BF	.6	.6	.4	.3	.2	.4	.7	.7	.4	.5	.5	.5	.5	.5	.8	.9	1.1	1.0	.8	.8	.9	.9	23	1.1
18	.9	BF	.8	.7	.6	.5	.7	.9	1.0	.9	1.2	1.2	1.1	1.2	1.4	1.2	1.1	1.0	.9	.8	1.0	1.1	1.1	.8	23	1.4
19	.7	BF	.6	.7	.6	.5	.5	.4	.3	.5	.6	.5	.4	.4	.4	.2	.1	.1	.1	.1	.1	.1	.1	.1	23	.7
20	.1	BF	.1	.1	.1	.2	.2	.3	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.4	.9	1.0	23	1.0
21	1.1	BF	.5	.4	.4	.5	.5	.6	.6	.6	.6	.5	.5	.4	.4	.4	.3	.4	.5	.6	.4	.3	.3	.4	23	1.1
22	.4	BF	.4	.4	.4	.4	.5	.6	.7	.7	.7	.7	.6	.5	.5	.5	.5	.6	.9	.9	.9	.7	.6	.7	23	.9
23	.8	BF	.6	.6	.6	.6	.5	.5	.8	.8	.7	.7	.8	.7	.7	.8	.9	.8	.8	.8	.7	.6	.6	.6	23	.9
24	.6	BF	.5	.5	.4	.3	.3	.3	.3	.4	.5	.5	.5	.4	.5	.4	.4	.5	.3	.3	.3	.4	.6	.5	23	.6
25	.5	BF	.5	.5	.4	.4	.4	.4	.4	.4	.5	.5	.5	.4	.4	.3	.4	.4	.4	.3	.3	.2	.2	.2	23	.5
26	.2	BF	.2	.2	.1	.2	.2	.2	.2	.3	.2	.2	.3	.5	.5	.4	.4	.6	.4	.3	.8	.4	.3	.3	23	.8
27	.2	BF	.3	.2	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.4	.4	.5	.5	.6	.5	.5	.6	.6	23	.6
28	.6	BF	.6	.5	.5	.4	.5	.6	.5	.6	.5	.5	.5	.5	.4	.4	.4	.5	.5	.4	.3	.3	.3	.2	23	.6
29	.2	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	23	.2
30	.1	BF	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	23	.2
31																									0	
NO.:	30		30	30	30	30	30	30	30	30	30	30	30	30	30	29	30	30	30	30	30	30	30	30	30	
MAX:	1.1		.8	.7	.8	.8	.7	.9	1.0	1.1	1.2	1.2	1.2	1.2	1.4	1.2	1.2	1.1	1.3	1.1	1.0	1.1	1.1	1.1	1.0	
AVG:	.36		.31	.29	.30	.30	.32	.37	.45	.55	.53	.50	.47	.44	.45	.41	.44	.49	.48	.46	.44	.38	.40	.38		

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .41 MONTHLY MAX: 1.4

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(42401) Sulfur dioxide

SITE ID: 37-183-0014 POC: 2
 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: 7446-09-5
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT:

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

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (560) INSTRUMENTAL Pulsed Fluorescent 43

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2016

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: .2

DAY	0000	0100	0200	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	BF	.1	.0	.0	.1	.1	.1	.1	.1	.2	.2	.2	.3	.3	.2	.3	.3	.7	.4	.3	.3	1.2	1.4	23	1.4	
2	1.1	BF	.2	.2	.2	.3	.4	.5	.7	.5	.4	.4	.4	.4	.3	.3	.4	.5	.7	.8	.5	.5	.9	.6	23	1.1	
3	.5	BF	.6	.4	.3	.3	.3	.2	.5	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.6	.7	.6	.5	23	.7	
4	.5	BF	1.1	.6	.6	.5	.5	.5	.6	.6	.6	.5	.5	.4	.4	.4	.4	.3	.2	.2	.2	.2	.2	.2	23	1.1	
5	.2	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	23	.4	
6	.2	BF	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	23	.3	
7	.4	BF	.4	.3	.2	.2	.2	AZ	.4	.6	AZ	.5	.4	.4	.3	.3	.4	.5	.3	.6	.5	.5	.5	.4	21	.6	
8	.3	BF	.2	.2	.2	.2	.2	.3	.3	.9	1.5	.7	.7	.5	.4	.3	.3	.3	.4	.4	.4	.4	.3	.3	23	1.5	
9	.3	BF	.4	.4	.5	.5	.5	.8	.7	.6	.6	.6	.7	.7	.7	.5	.5	.5	.5	.4	.5	.5	.5	.5	23	.8	
10	.5	BF	.5	.6	.6	.5	.4	.4	1.2	1.4	1.0	1.1	.8	.4	.5	.5	.5	.5	.7	.7	.8	.6	.7	.8	23	1.4	
11	.8	BF	.8	.6	.6	.6	.7	.8	.7	.7	.8	.6	.6	.5	.5	.5	.6	1.0	1.1	1.0	.8	.8	.7	.6	23	1.1	
12	.6	BF	.4	.4	.4	.4	.4	.3	.3	.4	.4	.4	.4	.4	.3	.4	.3	.4	.5	.3	.2	.2	.2	.2	23	.6	
13	.2	BF	.2	.1	.2	.1	.2	.6	.8	.4	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	BK	9	.8	
14	BK	BK	BK	BK	BK	BK	BK	BA	.8	1.3	1.3	.6	.6	.3	.3	.4	.5	.5	.5	.4	.4	.4	.4	.4	16	1.3	
15	.5	BF	.2	.2	.2	.2	.3	.3	.3	.4	.4	.3	.4	.4	.4	.5	.5	.5	.5	.7	.6	.6	.6	.6	23	.7	
16	.6	BF	.6	.7	.6	.8	.8	.9	.6	.6	.6	.5	.5	.5	.5	.6	.6	.5	.5	.5	.6	.6	.6	.5	23	.9	
17	.4	BF	.4	.4	.4	.4	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	23	.4	
18	.3	BF	.3	.2	.2	.2	.2	.2	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	23	.3	
19	.2	BF	.2	.2	.3	.3	.3	.3	.3	.4	.4	.5	.5	.5	.5	.6	.5	.5	.7	.9	1.1	1.3	1.6	1.6	23	1.6	
20	1.3	BF	.8	.8	.9	1.0	.9	1.0	1.6	1.3	.9	.8	.7	.6	.5	.5	.5	.5	.5	.5	.4	.5	.6	.4	23	1.6	
21	.5	BF	.3	.4	.3	.4	.4	.5	.9	1.4	1.5	2.2	BA	BA	2.3	1.9	1.2	1.9	1.3	1.0	.8	.7	.7	.6	21	2.3	
22	.5	BF	.5	.5	.4	.4	.5	.6	.7	.7	.6	.6	.6	.5	.6	.5	.5	.6	.7	.8	1.0	1.1	.8	.9	23	1.1	
23	.9	BF	.9	1.0	.7	.6	.5	.7	.8	.7	.6	.6	.6	.6	.6	.6	.6	.7	.7	.6	.5	.5	.6	.5	23	1.0	
24	.6	BF	.5	.5	.5	.5	.5	.4	.4	.4	.5	.5	.5	.5	.4	.4	.4	.4	.5	.6	.5	.4	.4	.3	23	.6	
25	.3	BF	.4	.4	.4	.3	.3	.2	.3	.3	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	23	.4	
26	.3	BF	.3	.4	.4	.4	.3	.3	.3	.3	.3	.2	.2	.3	.3	.3	.3	.3	.3	.4	.3	.3	.3	.2	.2	23	.4
27	.2	BF	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	23	.2	
28	.1	BF	.2	.2	.2	.1	.2	.2	.3	.2	.3	.3	.3	.3	.3	.4	.4	.6	.5	.6	.7	.7	.7	.6	23	.7	
29	.4	BF	.3	.3	.3	.3	.2	.2	.2	.3	.2	.2	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3	.3	23	.4	
30	.4	BF	.4	.4	.4	.3	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.5	.5	.5	.5	23	.5	
31	.5	BF	.5	.4	.5	.6	.6	.6	.6	.6	.5	.4	.5	.5	.5	.6	.6	.6	.7	.7	.6	.6	.5	.5	23	.7	
NO.:	30		30	30	30	30	29	31	31	29	30	29	29	30	30	30	30	30	30	30	30	30	30	30			
MAX:	1.3		1.1	1.0	.9	1.0	.9	1.0	1.6	1.4	1.5	2.2	.8	.7	2.3	1.9	1.2	1.9	1.3	1.0	1.1	1.3	1.6	1.6			
AVG:	.46		.41	.38	.37	.37	.37	.41	.52	.56	.53	.49	.43	.40	.44	.43	.41	.46	.49	.49	.47	.48	.53	.50			

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .45 MONTHLY MAX: 2.3

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

QUALIFIER CODES:

Qualifier Code	Qualifier Description	Qualifier Type
2	Operational Deviation	QA
AE	Shelter Temperature Outside Limits	NULL
AK	Filter Leak	NULL
AN	Machine Malfunction	NULL
AS	Poor Quality Assurance Results	NULL
AT	Calibration	NULL
AV	Power Failure	NULL
AX	Precision Check	NULL
AY	Q C Control Points (zero/span)	NULL
AZ	Q C Audit	NULL
BA	Maintenance/Routine Repairs	NULL
BC	Multi-point Calibration	NULL
BE	Building/Site Repair	NULL
BF	Precision/Zero/Span	NULL
BJ	Operator Error	NULL
BK	Site computer/data logger down	NULL
BL	QA Audit	NULL
DA	Aberrant Data (Corrupt Files, Aberrant Chromatography, Spikes, Sh	NULL
SA	Storm Approaching	NULL

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