

User ID: XJBAPAT

RAW DATA REPORT

Report Request ID: 1395323

Report Code: AMP350

Dec. 15, 2015

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 | 42602 | | |

SELECTED OPTIONS

| Option Type | Option Value |
|------------------|----------------|
| RAW DATA EVENTS | INCLUDE EVENTS |
| DAILY STATISTICS | MAXIMUM |
| UNITS | STANDARD |
| MERGE PDF FILES | YES |
| INCLUDE NULLS | 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 |
|------------|------------|
| 2013 01 01 | 2013 12 31 |

APPLICABLE STANDARDS

| Standard Description |
|----------------------|
| NO2 Annual 1971 |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|-------|------|------|------|------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|---------|--|
| 1 | 8.0 | 7.0 | 10.0 | 11.0 | 9.0 | 9.0 | 8.0 | 10.0 | 11.0 | 8.0 | 6.0 | 6.0 | 5.0 | 6.0 | 5.0 | 8.0 | 9.0 | 10.0 | 9.0 | 6.0 | 8.0 | 7.0 | 11.0 | 12.0 | 24 | 12.0 | |
| 2 | 7.0 | 7.0 | 7.0 | 3.0 | 4.0 | 3.0 | 4.0 | 6.0 | 4.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 4.0 | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 5.0 | 4.0 | 3.0 | 24 | 7.0 | |
| 3 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 5.0 | 6.0 | 7.0 | 4.0 | BF | BF | BF | 8.0 | 4.0 | 4.0 | 9.0 | 18.0 | 29.0 | 29.0 | 27.0 | 24.0 | 24.0 | 26.0 | 21 | 29.0 | |
| 4 | 14.0 | 14.0 | 20.0 | 21.0 | 17.0 | 14.0 | 19.0 | 26.0 | 18.0 | 6.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 7.0 | 6.0 | 6.0 | 8.0 | 7.0 | 9.0 | 11.0 | 4.0 | 24 | 26.0 | |
| 5 | 6.0 | 6.0 | 5.0 | 7.0 | 8.0 | 13.0 | 17.0 | 21.0 | 12.0 | 8.0 | 4.0 | 4.0 | 4.0 | 4.0 | 6.0 | 8.0 | 7.0 | 13.0 | 19.0 | 17.0 | 16.0 | 12.0 | 10.0 | 8.0 | 24 | 21.0 | |
| 6 | 9.0 | 8.0 | 8.0 | 8.0 | 6.0 | 5.0 | 8.0 | 12.0 | 10.0 | 12.0 | 9.0 | 6.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 12.0 | 25.0 | 5.0 | 3.0 | 5.0 | 8.0 | 8.0 | 24 | 25.0 | |
| 7 | 13.0 | 15.0 | 14.0 | 13.0 | 4.0 | 11.0 | 15.0 | 10.0 | 17.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 4.0 | 12.0 | 23.0 | 29.0 | 24.0 | 29.0 | 25.0 | 19.0 | 24 | 29.0 | |
| 8 | 25.0 | 26.0 | 24.0 | 21.0 | 21.0 | 26.0 | 29.0 | 21.0 | 20.0 | 18.0 | 14.0 | BA | BA | 12.0 | 10.0 | 9.0 | 10.0 | 18.0 | 24.0 | 30.0 | 32.0 | 31.0 | 31.0 | 31.0 | 22 | 32.0 | |
| 9 | 28.0 | 23.0 | 21.0 | 20.0 | 21.0 | 22.0 | 20.0 | 16.0 | 21.0 | 23.0 | 23.0 | BA | BA | 11.0 | 14.0 | 18.0 | 27.0 | 31.0 | 31.0 | 33.0 | 34.0 | 37.0 | 30.0 | 28.0 | 22 | 37.0 | |
| 10 | 29.0 | 23.0 | 22.0 | 21.0 | 18.0 | 16.0 | 17.0 | 16.0 | 17.0 | 14.0 | 6.0 | 2.0 | 3.0 | 3.0 | 2.0 | 4.0 | 5.0 | 12.0 | 12.0 | 10.0 | 8.0 | 7.0 | 8.0 | 9.0 | 24 | 29.0 | |
| 11 | 9.0 | 10.0 | 9.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | BA | BA | 3.0 | 3.0 | 4.0 | 8.0 | 12.0 | 10.0 | 13.0 | 20.0 | 21.0 | 20.0 | 18.0 | 15.0 | 8.0 | 22 | 21.0 | |
| 12 | 9.0 | 11.0 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 8.0 | 7.0 | 5.0 | 5.0 | 6.0 | 8.0 | 9.0 | 9.0 | 9.0 | 14.0 | 15.0 | 16.0 | 14.0 | 10.0 | 10.0 | 11.0 | 24 | 16.0 | |
| 13 | 9.0 | 9.0 | 10.0 | 10.0 | 10.0 | 7.0 | 5.0 | 5.0 | 4.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | .0 | 1.0 | 6.0 | 15.0 | 21.0 | 20.0 | 13.0 | 9.0 | 6.0 | 24 | 21.0 | |
| 14 | 4.0 | 3.0 | 4.0 | 3.0 | 2.0 | 5.0 | 9.0 | 13.0 | 13.0 | 9.0 | 9.0 | 7.0 | 9.0 | 8.0 | 8.0 | 12.0 | 14.0 | 12.0 | 12.0 | 6.0 | 3.0 | 6.0 | 3.0 | 2.0 | 24 | 14.0 | |
| 15 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 24 | 4.0 | |
| 16 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 3.0 | 5.0 | 7.0 | 6.0 | 7.0 | 4.0 | 4.0 | 4.0 | 7.0 | 11.0 | 11.0 | 10.0 | 10.0 | 11.0 | 12.0 | 12.0 | 12.0 | 10.0 | 10.0 | 24 | 12.0 | |
| 17 | 9.0 | 10.0 | 10.0 | 7.0 | 6.0 | 5.0 | 5.0 | 4.0 | 7.0 | BF | BF | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 3.0 | 3.0 | 7.0 | 9.0 | 11.0 | 22 | 11.0 | |
| 18 | 15.0 | 12.0 | 6.0 | 4.0 | 6.0 | 7.0 | 19.0 | 28.0 | 21.0 | 11.0 | 7.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 10.0 | 25.0 | 19.0 | 23.0 | 21.0 | 23.0 | 22.0 | 24 | 28.0 | |
| 19 | 27.0 | 24.0 | 25.0 | 26.0 | 21.0 | 18.0 | 21.0 | 23.0 | 18.0 | 12.0 | 8.0 | 6.0 | 4.0 | 3.0 | 5.0 | 5.0 | 5.0 | 9.0 | 24.0 | 31.0 | 24.0 | 21.0 | 16.0 | 14.0 | 24 | 31.0 | |
| 20 | 9.0 | 10.0 | 8.0 | 7.0 | 7.0 | 9.0 | 13.0 | 16.0 | 15.0 | 12.0 | 6.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 7.0 | 8.0 | 11.0 | 12.0 | 13.0 | 21.0 | 24 | 21.0 | | |
| 21 | 20.0 | 20.0 | 33.0 | 27.0 | 21.0 | 24.0 | 27.0 | 22.0 | 18.0 | 29.0 | 20.0 | 6.0 | 6.0 | 5.0 | 5.0 | 6.0 | 4.0 | 4.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 1.0 | 24 | 33.0 | |
| 22 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 6.0 | 8.0 | 4.0 | 3.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 6.0 | 10.0 | 9.0 | 12.0 | 9.0 | 9.0 | 11.0 | 24 | 12.0 | |
| 23 | 11.0 | 9.0 | 7.0 | 8.0 | 11.0 | 13.0 | 22.0 | 22.0 | 25.0 | 20.0 | 8.0 | 5.0 | 3.0 | 3.0 | 5.0 | 6.0 | 10.0 | 15.0 | 26.0 | 30.0 | 30.0 | 22.0 | 24.0 | 31.0 | 24 | 31.0 | |
| 24 | 31.0 | 25.0 | 23.0 | 22.0 | 23.0 | 25.0 | 25.0 | 21.0 | 11.0 | 5.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 6.0 | 5.0 | 6.0 | 7.0 | 3.0 | 3.0 | 24 | 31.0 | |
| 25 | 4.0 | 5.0 | 7.0 | 8.0 | 8.0 | 13.0 | 9.0 | 8.0 | 8.0 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 7.0 | 7.0 | 9.0 | 11.0 | 10.0 | 10.0 | 10.0 | 13.0 | 9.0 | 8.0 | 24 | 13.0 | |
| 26 | 7.0 | 6.0 | 5.0 | 5.0 | 8.0 | 8.0 | 11.0 | 14.0 | 15.0 | 13.0 | 5.0 | 4.0 | 6.0 | 11.0 | 15.0 | 10.0 | 8.0 | 12.0 | 19.0 | 21.0 | 21.0 | 11.0 | 6.0 | 5.0 | 24 | 21.0 | |
| 27 | 5.0 | 3.0 | 2.0 | 2.0 | 3.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 7.0 | 10.0 | 6.0 | 6.0 | 5.0 | 4.0 | 24 | 10.0 | |
| 28 | 5.0 | 6.0 | 4.0 | 5.0 | 7.0 | 7.0 | 7.0 | 8.0 | 10.0 | 9.0 | 7.0 | 7.0 | 8.0 | 9.0 | 9.0 | 11.0 | 14.0 | 18.0 | 19.0 | 20.0 | 23.0 | 14.0 | 9.0 | 8.0 | 24 | 23.0 | |
| 29 | 7.0 | 5.0 | 5.0 | 4.0 | 5.0 | 6.0 | 8.0 | 9.0 | 10.0 | 9.0 | 7.0 | 8.0 | 5.0 | 5.0 | 4.0 | 5.0 | 4.0 | 9.0 | 14.0 | 14.0 | 10.0 | 9.0 | 10.0 | 7.0 | 24 | 14.0 | |
| 30 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 2.0 | 3.0 | 3.0 | 4.0 | 3.0 | 1.0 | 1.0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | 24 | 4.0 | |
| 31 | 1.0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 7.0 | 6.0 | 8.0 | 16.0 | 7.0 | 7.0 | 24 | 16.0 | |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 29 | 28 | 28 | 28 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | 31.0 | 26.0 | 33.0 | 27.0 | 23.0 | 26.0 | 29.0 | 28.0 | 25.0 | 29.0 | 23.0 | 8.0 | 9.0 | 12.0 | 15.0 | 18.0 | 27.0 | 31.0 | 31.0 | 33.0 | 34.0 | 37.0 | 31.0 | 31.0 | | | |
| AVG: | 10.71 | 9.90 | 9.90 | 9.16 | 8.65 | 9.55 | 11.45 | 12.13 | 11.10 | 9.10 | 6.32 | 3.93 | 3.54 | 4.61 | 5.13 | 5.90 | 6.77 | 9.94 | 14.13 | 14.10 | 13.68 | 12.90 | 11.55 | 11.00 | | | |

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 9.44 MONTHLY MAX: 37.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|------|-------|-------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|------|-----|---------|------|
| 1 | 8.0 | 7.0 | 4.0 | 2.0 | 4.0 | 4.0 | 2.0 | 2.0 | 2.0 | BF | BF | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 4.0 | 10.0 | 11.0 | 14.0 | 12.0 | 10.0 | 6.0 | 22 | 14.0 | |
| 2 | 5.0 | 4.0 | 7.0 | 9.0 | 9.0 | 12.0 | 15.0 | 18.0 | 14.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 5.0 | 6.0 | 9.0 | 12.0 | 19.0 | 20.0 | 12.0 | 6.0 | 4.0 | 24 | 20.0 | |
| 3 | 4.0 | 4.0 | 5.0 | 5.0 | 4.0 | 4.0 | 5.0 | 5.0 | 6.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 7.0 | 24 | 7.0 | |
| 4 | 7.0 | 10.0 | 9.0 | 6.0 | 7.0 | 14.0 | 11.0 | 7.0 | 7.0 | 5.0 | 4.0 | BA | BA | BA | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 11 | 14.0 |
| 5 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 6 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 7 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 8 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | BC | BC | BC | BC | 5.0 | 4.0 | 5.0 | 7.0 | 5.0 | 6.0 | 4.0 | 4.0 | 8 | 7.0 |
| 9 | 4.0 | 4.0 | 5.0 | 4.0 | 5.0 | 5.0 | 7.0 | 7.0 | 12.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 6.0 | 12.0 | 29.0 | 29.0 | 13.0 | 20.0 | 21.0 | 24 | 29.0 | |
| 10 | 19.0 | 25.0 | 23.0 | 14.0 | 11.0 | 13.0 | 15.0 | 11.0 | 8.0 | 8.0 | 7.0 | 4.0 | 3.0 | 2.0 | 3.0 | 2.0 | 3.0 | 5.0 | 8.0 | 17.0 | 13.0 | 16.0 | 11.0 | 5.0 | 24 | 25.0 | |
| 11 | 5.0 | 6.0 | 9.0 | 9.0 | 9.0 | 5.0 | 12.0 | 16.0 | 22.0 | 30.0 | 26.0 | 23.0 | 18.0 | 10.0 | 13.0 | 17.0 | 15.0 | 11.0 | 9.0 | 7.0 | 8.0 | 10.0 | 7.0 | 6.0 | 24 | 30.0 | |
| 12 | 4.0 | 4.0 | 4.0 | 3.0 | 5.0 | 5.0 | 11.0 | 20.0 | 10.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 4.0 | 7.0 | 9.0 | 19.0 | 36.0 | 37.0 | 36.0 | 25.0 | 5.0 | 5.0 | 24 | 37.0 | |
| 13 | 2.0 | 2.0 | 2.0 | 3.0 | 6.0 | 5.0 | 6.0 | 7.0 | 12.0 | 7.0 | 7.0 | 5.0 | 4.0 | 5.0 | 9.0 | 8.0 | 12.0 | 13.0 | 11.0 | 8.0 | 4.0 | 5.0 | 6.0 | 6.0 | 24 | 13.0 | |
| 14 | 13.0 | 11.0 | 6.0 | 5.0 | 8.0 | 10.0 | 23.0 | 34.0 | 24.0 | 6.0 | 5.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 8.0 | 11.0 | 23.0 | 26.0 | 30.0 | 28.0 | 19.0 | 24 | 34.0 | |
| 15 | 18.0 | 13.0 | 18.0 | 21.0 | 22.0 | 24.0 | 28.0 | 23.0 | 23.0 | 18.0 | 10.0 | 8.0 | 5.0 | 4.0 | 4.0 | 4.0 | 5.0 | 8.0 | 12.0 | 17.0 | 10.0 | 5.0 | 4.0 | 3.0 | 24 | 28.0 | |
| 16 | 3.0 | 1.0 | 1.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 3.0 | 3.0 | 2.0 | 4.0 | 3.0 | 3.0 | 24 | 4.0 | |
| 17 | 3.0 | 3.0 | 4.0 | 2.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 6.0 | 13.0 | 20.0 | 29.0 | 32.0 | 28.0 | 24 | 32.0 | |
| 18 | 26.0 | 23.0 | 23.0 | 21.0 | 20.0 | 19.0 | 22.0 | 21.0 | 26.0 | 21.0 | 13.0 | 7.0 | 5.0 | 4.0 | 5.0 | 4.0 | 6.0 | 7.0 | 9.0 | 7.0 | 6.0 | 5.0 | 6.0 | 5.0 | 24 | 26.0 | |
| 19 | 4.0 | 3.0 | 4.0 | 5.0 | 4.0 | 6.0 | 7.0 | 10.0 | 16.0 | 19.0 | 11.0 | 11.0 | 10.0 | 8.0 | 7.0 | 7.0 | 8.0 | 9.0 | 11.0 | 12.0 | 7.0 | 10.0 | 4.0 | 5.0 | 24 | 19.0 | |
| 20 | 4.0 | 2.0 | 3.0 | 3.0 | 8.0 | 8.0 | 17.0 | 22.0 | 24.0 | 11.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 8.0 | 12.0 | 18.0 | 10.0 | 5.0 | 2.0 | 2.0 | 24 | 24.0 | |
| 21 | 2.0 | 2.0 | 4.0 | 5.0 | 4.0 | 8.0 | 16.0 | 14.0 | 8.0 | 6.0 | 6.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 4.0 | 11.0 | 15.0 | 16.0 | 8.0 | 7.0 | 3.0 | 4.0 | 24 | 16.0 | |
| 22 | 5.0 | 4.0 | 4.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 24 | 5.0 | |
| 23 | 3.0 | 4.0 | 6.0 | 7.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 2.0 | 2.0 | 6.0 | 6.0 | 12.0 | 17.0 | 14.0 | 17.0 | 15.0 | 12.0 | 24 | 17.0 | |
| 24 | 8.0 | 6.0 | 5.0 | 5.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 8.0 | 12.0 | 13.0 | 7.0 | 2.0 | 2.0 | 24 | 13.0 | |
| 25 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 3.0 | 3.0 | 5.0 | 7.0 | 5.0 | 6.0 | 4.0 | 3.0 | 24 | 7.0 | |
| 26 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | BF | BF | 5.0 | 5.0 | 6.0 | 6.0 | 6.0 | 6.0 | 7.0 | 8.0 | 8.0 | 19.0 | 8.0 | 22 | 19.0 | |
| 27 | 5.0 | 3.0 | 4.0 | 5.0 | 3.0 | 4.0 | 6.0 | 12.0 | 14.0 | 11.0 | 4.0 | 2.0 | 3.0 | 4.0 | 4.0 | 5.0 | 7.0 | 7.0 | 8.0 | 13.0 | 11.0 | 8.0 | 10.0 | 6.0 | 24 | 14.0 | |
| 28 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 5.0 | 12.0 | 15.0 | 12.0 | 4.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 6.0 | 4.0 | 3.0 | 3.0 | 24 | 15.0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 23 | 23 | 22 | 22 | 23 | 23 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | |
| MAX: | 26.0 | 25.0 | 23.0 | 21.0 | 22.0 | 24.0 | 28.0 | 34.0 | 26.0 | 30.0 | 26.0 | 23.0 | 18.0 | 10.0 | 13.0 | 17.0 | 15.0 | 19.0 | 36.0 | 37.0 | 36.0 | 30.0 | 32.0 | 28.0 | | | |
| AVG: | 6.58 | 6.13 | 6.46 | 6.00 | 6.25 | 7.04 | 9.58 | 10.88 | 10.75 | 7.57 | 5.43 | 4.23 | 3.68 | 3.48 | 3.91 | 4.30 | 5.21 | 6.88 | 9.71 | 13.00 | 11.71 | 10.46 | 8.75 | 7.08 | | | |

MONTHLY OBSERVATIONS: 567 MONTHLY MEAN: 7.34 MONTHLY MAX: 37.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM |
|------|------|------|------|------|------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|---------|
| 1 | 3.0 | 2.0 | 4.0 | 4.0 | 6.0 | 11.0 | 13.0 | 11.0 | 7.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 5.0 | 5.0 | 6.0 | 7.0 | 9.0 | 11.0 | 7.0 | 5.0 | 10.0 | 10.0 | 24 | 13.0 |
| 2 | 8.0 | 9.0 | 3.0 | 1.0 | 2.0 | 5.0 | 5.0 | 6.0 | 6.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 3.0 | 24 | 9.0 |
| 3 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 24 | 4.0 |
| 4 | 5.0 | 3.0 | 3.0 | 3.0 | 5.0 | 9.0 | 6.0 | 11.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 12.0 | 20.0 | 38.0 | 38.0 | 34.0 | 30.0 | 24 | 38.0 |
| 5 | 25.0 | 26.0 | 16.0 | 17.0 | 20.0 | 26.0 | 25.0 | 25.0 | 22.0 | 21.0 | 15.0 | 19.0 | 16.0 | 12.0 | 14.0 | 20.0 | 17.0 | 17.0 | 15.0 | 12.0 | 9.0 | 7.0 | 4.0 | 4.0 | 24 | 26.0 |
| 6 | 6.0 | 3.0 | 5.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 6.0 | 6.0 | 8.0 | 14.0 | 5.0 | 24 | 14.0 |
| 7 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 7.0 | 13.0 | 6.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 6.0 | 6.0 | 5.0 | 9.0 | 8.0 | 8.0 | 24 | 13.0 |
| 8 | 14.0 | 20.0 | 13.0 | 11.0 | 18.0 | 13.0 | 15.0 | 20.0 | 8.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 8.0 | 11.0 | 12.0 | 16.0 | 22.0 | 25.0 | 24 | 25.0 |
| 9 | 30.0 | 27.0 | 10.0 | 15.0 | 24.0 | 26.0 | 26.0 | 24.0 | 14.0 | 1.0 | 1.0 | 2.0 | 3.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 7.0 | 13.0 | 12.0 | 17.0 | 12.0 | 27.0 | 24 | 30.0 |
| 10 | 20.0 | 14.0 | 9.0 | 8.0 | 7.0 | 10.0 | 10.0 | 14.0 | 10.0 | 9.0 | 6.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 11.0 | 15.0 | 13.0 | 10.0 | 7.0 | 5.0 | 24 | 20.0 |
| 11 | 3.0 | 7.0 | 3.0 | 3.0 | 4.0 | 7.0 | 9.0 | 16.0 | 15.0 | 9.0 | 4.0 | BA | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 23 | 16.0 |
| 12 | 1.0 | .0 | .0 | 3.0 | 3.0 | 5.0 | 4.0 | 6.0 | BF | BF | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 5.0 | 6.0 | 5.0 | 7.0 | 7.0 | 7.0 | 22 | 7.0 |
| 13 | 11.0 | 12.0 | 13.0 | 18.0 | 12.0 | 13.0 | 21.0 | 25.0 | 6.0 | 3.0 | AZ | AZ | AZ | AZ | AZ | AZ | AZ | 4.0 | 3.0 | 5.0 | 4.0 | 3.0 | 3.0 | 4.0 | 17 | 25.0 |
| 14 | 3.0 | 3.0 | 3.0 | 2.0 | 4.0 | 6.0 | 9.0 | 7.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 5.0 | 11.0 | 9.0 | 9.0 | 8.0 | 11.0 | 24 | 11.0 |
| 15 | 13.0 | 11.0 | 11.0 | 21.0 | 26.0 | 32.0 | 33.0 | 33.0 | 22.0 | 7.0 | 5.0 | 5.0 | 5.0 | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 8.0 | 15.0 | 15.0 | 20.0 | 23.0 | 23.0 | 24 | 33.0 |
| 16 | 25.0 | 14.0 | 12.0 | 9.0 | 7.0 | 7.0 | 9.0 | 11.0 | 11.0 | 10.0 | 8.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 7.0 | 10.0 | 11.0 | 10.0 | 11.0 | 10.0 | 24 | 25.0 |
| 17 | 16.0 | 17.0 | 17.0 | 12.0 | 10.0 | 6.0 | 6.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 24 | 17.0 |
| 18 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 2.0 | 4.0 | 3.0 | 3.0 | 4.0 | 5.0 | 3.0 | 5.0 | 7.0 | 5.0 | 4.0 | 24 | 7.0 |
| 19 | 5.0 | 6.0 | 8.0 | 7.0 | 7.0 | 8.0 | 9.0 | 8.0 | 5.0 | 3.0 | 2.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 4.0 | 3.0 | 5.0 | 7.0 | 5.0 | 5.0 | 3.0 | 3.0 | 24 | 9.0 |
| 20 | 3.0 | 3.0 | 4.0 | 5.0 | 4.0 | 10.0 | 13.0 | 16.0 | 7.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 5.0 | 4.0 | 7.0 | 8.0 | 2.0 | 4.0 | 4.0 | 24 | 16.0 |
| 21 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 5.0 | 11.0 | 8.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 3.0 | 4.0 | 3.0 | 3.0 | 24 | 11.0 |
| 22 | 2.0 | 2.0 | 3.0 | 5.0 | 6.0 | 16.0 | 27.0 | 13.0 | BF | BF | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 4.0 | 5.0 | 9.0 | 15.0 | 26.0 | 28.0 | 24.0 | 22.0 | 22 | 28.0 |
| 23 | 19.0 | 19.0 | 25.0 | 28.0 | 24.0 | 17.0 | 11.0 | 11.0 | 11.0 | 9.0 | 6.0 | 7.0 | 5.0 | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 7.0 | 16.0 | 22.0 | 19.0 | 18.0 | 14.0 | 24 | 28.0 |
| 24 | 15.0 | 18.0 | 10.0 | 11.0 | 9.0 | 8.0 | 5.0 | 4.0 | 6.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 24 | 18.0 |
| 25 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 3.0 | 10.0 | 11.0 | 6.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 5.0 | 3.0 | 24 | 11.0 |
| 26 | 3.0 | 4.0 | 5.0 | 5.0 | 5.0 | 9.0 | 20.0 | 15.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 7.0 | 4.0 | 5.0 | 24 | 20.0 |
| 27 | 6.0 | 6.0 | 9.0 | 8.0 | 6.0 | 6.0 | 17.0 | 12.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 5.0 | 6.0 | 8.0 | 9.0 | 7.0 | 24 | 17.0 |
| 28 | 10.0 | 10.0 | 9.0 | 9.0 | 17.0 | 20.0 | 28.0 | 18.0 | 7.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 10.0 | 9.0 | 17.0 | 23.0 | 19.0 | 24 | 28.0 |
| 29 | 18.0 | 12.0 | 24.0 | 24.0 | 16.0 | 22.0 | 32.0 | 20.0 | 6.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 8.0 | 6.0 | 5.0 | 8.0 | 8.0 | 10.0 | 24 | 32.0 |
| 30 | 12.0 | 24.0 | 21.0 | 23.0 | 35.0 | 13.0 | 7.0 | 6.0 | 4.0 | 2.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 8.0 | 14.0 | 24.0 | 17.0 | 11.0 | 6.0 | 24 | 35.0 |
| 31 | 4.0 | 3.0 | 2.0 | 4.0 | 3.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 6.0 | 5.0 | 5.0 | 8.0 | 10.0 | 8.0 | 24 | 10.0 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 29 | 29 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | |
| MAX: | 30.0 | 27.0 | 25.0 | 28.0 | 35.0 | 32.0 | 33.0 | 33.0 | 22.0 | 21.0 | 15.0 | 19.0 | 16.0 | 12.0 | 14.0 | 20.0 | 17.0 | 17.0 | 15.0 | 20.0 | 38.0 | 38.0 | 34.0 | 30.0 | | |
| AVG: | 9.42 | 9.23 | 8.10 | 8.58 | 9.45 | 10.48 | 12.81 | 12.19 | 7.17 | 4.31 | 3.27 | 3.31 | 3.10 | 3.13 | 3.50 | 3.63 | 3.93 | 4.45 | 6.06 | 8.26 | 9.19 | 9.84 | 9.74 | 9.29 | | |

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 7.23 MONTHLY MAX: 38.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|---------|--|
| 1 | 8.0 | 10.0 | 5.0 | 7.0 | 6.0 | 11.0 | 12.0 | 14.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 6.0 | 10.0 | 13.0 | 4.0 | 2.0 | 24 | 14.0 | |
| 2 | 4.0 | 3.0 | 2.0 | 3.0 | 6.0 | 8.0 | 13.0 | 14.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 7.0 | 5.0 | 5.0 | 24 | 14.0 | |
| 3 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 1.0 | 1.0 | 1.0 | BF | BF | 2.0 | 2.0 | 3.0 | 2.0 | 5.0 | 7.0 | 7.0 | 5.0 | 3.0 | 2.0 | 22 | 7.0 | |
| 4 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 6.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 1.0 | 24 | 6.0 | |
| 5 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 6.0 | 15.0 | 9.0 | 5.0 | 3.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 16.0 | 30.0 | 30.0 | 24.0 | 19.0 | 24 | 30.0 | |
| 6 | 14.0 | 12.0 | 9.0 | 12.0 | 15.0 | 8.0 | 6.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 6.0 | 5.0 | 7.0 | 4.0 | 3.0 | 24 | 15.0 | |
| 7 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 6.0 | 10.0 | 13.0 | 15.0 | 12.0 | 12.0 | 24 | 15.0 | |
| 8 | 9.0 | 6.0 | 5.0 | 5.0 | 5.0 | 10.0 | 19.0 | 10.0 | 7.0 | 5.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 7.0 | 8.0 | 10.0 | 7.0 | 6.0 | 24 | 19.0 | |
| 9 | 6.0 | 7.0 | 8.0 | 7.0 | 5.0 | 9.0 | 20.0 | 14.0 | 10.0 | 7.0 | 4.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 4.0 | 7.0 | 7.0 | 6.0 | 6.0 | 7.0 | 24 | 20.0 | |
| 10 | 7.0 | 6.0 | 7.0 | 6.0 | 6.0 | 9.0 | 13.0 | 12.0 | 8.0 | 7.0 | 5.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 4.0 | 7.0 | 9.0 | 9.0 | 6.0 | 6.0 | 24 | 13.0 | |
| 11 | 4.0 | 4.0 | 4.0 | 4.0 | 6.0 | 11.0 | 10.0 | 6.0 | 5.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 24 | 11.0 | |
| 12 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 5.0 | 8.0 | 4.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 9.0 | 8.0 | 4.0 | 3.0 | 3.0 | 24 | 9.0 | |
| 13 | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 8.0 | 4.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 4.0 | 6.0 | 12.0 | 13.0 | 11.0 | 10.0 | 24 | 13.0 | |
| 14 | 6.0 | 10.0 | 11.0 | 13.0 | 12.0 | 10.0 | 8.0 | 4.0 | 2.0 | 1.0 | 1.0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 4.0 | 4.0 | 4.0 | 3.0 | 2.0 | 3.0 | 3.0 | 24 | 13.0 | |
| 15 | 2.0 | 1.0 | 1.0 | .0 | 1.0 | 1.0 | 2.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 24 | 3.0 | |
| 16 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 5.0 | 6.0 | 5.0 | 5.0 | 4.0 | BA | BA | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 9.0 | 5.0 | 8.0 | 6.0 | 22 | 9.0 | |
| 17 | 6.0 | 4.0 | 3.0 | 4.0 | 4.0 | 7.0 | 14.0 | 12.0 | 9.0 | 2.0 | 2.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 4.0 | 18.0 | 10.0 | 10.0 | 8.0 | 5.0 | 24 | 18.0 | |
| 18 | 5.0 | 1.0 | 2.0 | 3.0 | 3.0 | 4.0 | 10.0 | 8.0 | 6.0 | BA | BA | BA | BA | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 20 | 10.0 | |
| 19 | 1.0 | 3.0 | 3.0 | 2.0 | 3.0 | 5.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 5.0 | 7.0 | 28.0 | AV | 1.0 | 4.0 | 3.0 | 3.0 | 2.0 | 3.0 | 23 | 28.0 | |
| 20 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 5.0 | 14.0 | 8.0 | 4.0 | 4.0 | 24 | 14.0 | |
| 21 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 24 | 3.0 | |
| 22 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 4.0 | 3.0 | 2.0 | 1.0 | 3.0 | 2.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 4.0 | 3.0 | 2.0 | 1.0 | 1.0 | 24 | 4.0 | |
| 23 | 1.0 | 2.0 | 2.0 | 3.0 | 1.0 | 2.0 | 4.0 | 3.0 | BF | BF | BF | BF | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 11.0 | 13.0 | 13.0 | 8.0 | 7.0 | 20 | 13.0 | |
| 24 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 9.0 | 15.0 | 8.0 | 5.0 | 4.0 | 3.0 | 5.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.0 | 8.0 | 4.0 | 5.0 | 24 | 15.0 | |
| 25 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 5.0 | 4.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 3.0 | 4.0 | 13.0 | 17.0 | 34.0 | 34.0 | 27.0 | 24 | 34.0 | |
| 26 | 12.0 | 7.0 | 3.0 | 4.0 | 16.0 | 8.0 | 13.0 | 5.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 15.0 | 21.0 | 20.0 | 21.0 | 17.0 | 24 | 21.0 | |
| 27 | 11.0 | 12.0 | 10.0 | 12.0 | 8.0 | 6.0 | 8.0 | 9.0 | 6.0 | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.0 | 5.0 | 6.0 | 8.0 | 7.0 | 10.0 | 11.0 | 12.0 | 24 | 12.0 | |
| 28 | 6.0 | 6.0 | 8.0 | 6.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | 24 | 8.0 | |
| 29 | 1.0 | 2.0 | 3.0 | 1.0 | 1.0 | 3.0 | 4.0 | 5.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 6.0 | 5.0 | 4.0 | 4.0 | 7.0 | 8.0 | 7.0 | 5.0 | 4.0 | 3.0 | 24 | 8.0 | |
| 30 | 2.0 | 2.0 | 2.0 | 5.0 | 3.0 | 3.0 | 4.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 4.0 | 3.0 | 5.0 | 3.0 | 3.0 | 24 | 5.0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 28 | 27 | 27 | 28 | 29 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | 14.0 | 12.0 | 11.0 | 13.0 | 16.0 | 11.0 | 20.0 | 15.0 | 10.0 | 7.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 7.0 | 28.0 | 5.0 | 7.0 | 18.0 | 30.0 | 34.0 | 34.0 | 27.0 | | | |
| AVG: | 4.40 | 4.13 | 3.77 | 4.17 | 4.63 | 5.63 | 7.90 | 6.30 | 3.93 | 2.86 | 2.26 | 2.00 | 2.00 | 2.14 | 2.37 | 2.47 | 3.43 | 2.76 | 3.93 | 6.83 | 8.10 | 8.63 | 6.93 | 6.00 | | | |

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: 4.52 MONTHLY MAX: 34.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|---------|-----|
| 1 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 24 | 3.0 | |
| 2 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | BF | BF | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 5.0 | 3.0 | 3.0 | 3.0 | 22 | 5.0 | |
| 3 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 2.0 | 3.0 | 2.0 | 2.0 | 24 | 3.0 | |
| 4 | 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 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 1.0 | 1.0 | 24 | 3.0 | |
| 5 | .0 | .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 | 1.0 | 1.0 | .0 | 2.0 | .0 | .0 | 24 | 2.0 | | |
| 6 | .0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 2.0 | 4.0 | 8.0 | 5.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 2.0 | 1.0 | 3.0 | 3.0 | 2.0 | 4.0 | 2.0 | 1.0 | 24 | 8.0 | |
| 7 | 1.0 | 2.0 | 4.0 | 2.0 | 1.0 | 2.0 | 3.0 | 6.0 | 8.0 | 7.0 | 6.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 4.0 | 7.0 | 6.0 | 8.0 | 16.0 | 10.0 | 6.0 | 8.0 | 24 | 16.0 | |
| 8 | 5.0 | 4.0 | 5.0 | 7.0 | 8.0 | 10.0 | 14.0 | 11.0 | 6.0 | 6.0 | 5.0 | 3.0 | 4.0 | 5.0 | 6.0 | 4.0 | 4.0 | 5.0 | 10.0 | 12.0 | 18.0 | 19.0 | 20.0 | 15.0 | 24 | 20.0 | |
| 9 | 11.0 | 9.0 | 8.0 | 9.0 | 11.0 | 11.0 | 11.0 | 8.0 | 5.0 | 2.0 | BC | BC | BC | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 4.0 | 14.0 | 16.0 | 11.0 | 20.0 | 26.0 | 21 | 26.0 | |
| 10 | 17.0 | 18.0 | 22.0 | 19.0 | 15.0 | 14.0 | 12.0 | 28.0 | 24.0 | 16.0 | 8.0 | 4.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 8.0 | 13.0 | 9.0 | 9.0 | 10.0 | 8.0 | 24 | 28.0 | |
| 11 | 6.0 | 7.0 | 8.0 | 8.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 6.0 | 9.0 | 6.0 | 6.0 | 5.0 | 5.0 | 24 | 9.0 | |
| 12 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 | 7.0 | 4.0 | 4.0 | 2.0 | 4.0 | 24 | 7.0 | |
| 13 | 3.0 | 3.0 | 4.0 | 10.0 | 8.0 | 6.0 | 13.0 | 7.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 4.0 | 5.0 | 5.0 | 4.0 | 5.0 | 24 | 13.0 | |
| 14 | 3.0 | 3.0 | 3.0 | 4.0 | 8.0 | 25.0 | 21.0 | 12.0 | 9.0 | 6.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 4.0 | 7.0 | 12.0 | 10.0 | 8.0 | 5.0 | 24 | 25.0 | |
| 15 | 5.0 | 4.0 | 6.0 | 12.0 | 13.0 | 11.0 | 11.0 | 10.0 | 7.0 | 6.0 | 4.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 | 8.0 | 24 | 13.0 | |
| 16 | 8.0 | 8.0 | 9.0 | 14.0 | 20.0 | 17.0 | 16.0 | 9.0 | 6.0 | 7.0 | 3.0 | 1.0 | 2.0 | 2.0 | 4.0 | 4.0 | 7.0 | 7.0 | 9.0 | 11.0 | 10.0 | 14.0 | 12.0 | 11.0 | 24 | 20.0 | |
| 17 | 9.0 | 11.0 | 15.0 | 16.0 | 22.0 | 24.0 | 22.0 | 19.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 9.0 | 6.0 | 7.0 | 7.0 | 12.0 | 24 | 24.0 | |
| 18 | 7.0 | 5.0 | 3.0 | 3.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 5.0 | 3.0 | 2.0 | 4.0 | 2.0 | 2.0 | 24 | 7.0 | |
| 19 | 1.0 | 1.0 | 1.0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | .0 | 1.0 | 1.0 | .0 | 1.0 | 2.0 | 1.0 | 2.0 | 4.0 | 4.0 | 6.0 | 2.0 | 3.0 | 24 | 6.0 | |
| 20 | 1.0 | 1.0 | .0 | 2.0 | 2.0 | 4.0 | 7.0 | 7.0 | 5.0 | 4.0 | 3.0 | 2.0 | 3.0 | 1.0 | .0 | 1.0 | .0 | 4.0 | 4.0 | 6.0 | 9.0 | 9.0 | 8.0 | 5.0 | 24 | 9.0 | |
| 21 | 4.0 | 6.0 | 5.0 | 3.0 | 3.0 | 5.0 | 9.0 | 6.0 | 4.0 | 4.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 24 | 9.0 | |
| 22 | 3.0 | 6.0 | 6.0 | 3.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.0 | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | 9 | 6.0 |
| 23 | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | 0 | |
| 24 | BA | BA | BA | BA | BA | BA | BA | BA | BA | BC | BC | BC | 2.0 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 4.0 | 2.0 | 3.0 | 12 | 5.0 | |
| 25 | 3.0 | 4.0 | 9.0 | 6.0 | 7.0 | 6.0 | 2.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 2.0 | 6.0 | 6.0 | 4.0 | 4.0 | 5.0 | 24 | 9.0 | |
| 26 | 4.0 | 4.0 | 4.0 | 2.0 | 3.0 | 3.0 | 5.0 | 5.0 | 5.0 | 3.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 2.0 | 6.0 | 11.0 | 18.0 | 14.0 | 11.0 | 24 | 18.0 | |
| 27 | 10.0 | 9.0 | 7.0 | 3.0 | 4.0 | 4.0 | 3.0 | 4.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 7.0 | 5.0 | 4.0 | 24 | 10.0 | |
| 28 | 4.0 | 3.0 | 1.0 | 1.0 | 3.0 | 5.0 | 6.0 | 4.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 6.0 | 6.0 | 8.0 | 4.0 | 24 | 8.0 | |
| 29 | 2.0 | 2.0 | 1.0 | 2.0 | 4.0 | 13.0 | 11.0 | 5.0 | 4.0 | 3.0 | 2.0 | 1.0 | .0 | 1.0 | .0 | 1.0 | 1.0 | 1.0 | 3.0 | 7.0 | 11.0 | 6.0 | 9.0 | 6.0 | 24 | 13.0 | |
| 30 | 4.0 | 2.0 | 2.0 | 3.0 | 6.0 | 11.0 | 7.0 | 5.0 | BF | BF | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 7.0 | 9.0 | 20.0 | 12.0 | 11.0 | 22 | 20.0 | |
| 31 | 14.0 | 11.0 | 4.0 | 4.0 | 6.0 | 10.0 | 8.0 | 4.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 6.0 | 13.0 | 18.0 | 12.0 | 5.0 | 24 | 18.0 | |
| NO.: | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 28 | 27 | 26 | 26 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | | |
| MAX: | 17.0 | 18.0 | 22.0 | 19.0 | 22.0 | 25.0 | 22.0 | 28.0 | 24.0 | 16.0 | 8.0 | 4.0 | 4.0 | 5.0 | 6.0 | 4.0 | 7.0 | 7.0 | 10.0 | 14.0 | 18.0 | 20.0 | 20.0 | 26.0 | | | |
| AVG: | 4.62 | 4.55 | 4.66 | 4.86 | 5.66 | 7.10 | 7.10 | 6.07 | 4.07 | 3.48 | 2.31 | 1.50 | 1.50 | 1.55 | 1.72 | 1.69 | 2.03 | 2.48 | 3.62 | 5.83 | 6.93 | 7.83 | 6.62 | 6.10 | | | |

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: 4.36 MONTHLY MAX: 28.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|---------|--|
| 1 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | 4.0 | 9.0 | 14.0 | 14.0 | 9.0 | 24 | 14.0 | |
| 2 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 2.0 | 4.0 | 4.0 | 2.0 | 3.0 | 6.0 | 4.0 | 3.0 | 24 | 6.0 | |
| 3 | 4.0 | 3.0 | 2.0 | 1.0 | 1.0 | 3.0 | 8.0 | 5.0 | 3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 5.0 | 2.0 | 3.0 | 2.0 | 4.0 | 8.0 | 6.0 | 5.0 | 7.0 | 24 | 8.0 | |
| 4 | 7.0 | 6.0 | 6.0 | 6.0 | 2.0 | 1.0 | 2.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 2.0 | 2.0 | 3.0 | 4.0 | 8.0 | 11.0 | 9.0 | 9.0 | 24 | 11.0 | |
| 5 | 7.0 | 4.0 | 3.0 | 2.0 | 3.0 | 4.0 | 4.0 | 6.0 | 5.0 | 4.0 | 3.0 | 4.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 | 3.0 | 2.0 | 1.0 | 3.0 | 24 | 7.0 | |
| 6 | 2.0 | 1.0 | 1.0 | .0 | .0 | 1.0 | 3.0 | 3.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 7.0 | 4.0 | 5.0 | 5.0 | 7.0 | 4.0 | 2.0 | 2.0 | 24 | 7.0 | |
| 7 | 4.0 | 4.0 | 1.0 | 1.0 | .0 | .0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 13.0 | 15.0 | 12.0 | 9.0 | 5.0 | 24 | 15.0 | |
| 8 | 6.0 | 5.0 | 3.0 | 3.0 | 4.0 | 3.0 | 1.0 | 2.0 | .0 | .0 | .0 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 5.0 | 7.0 | 8.0 | 6.0 | 7.0 | 24 | 8.0 | |
| 9 | 5.0 | 7.0 | 8.0 | 6.0 | 5.0 | 4.0 | 3.0 | 5.0 | 2.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 4.0 | 5.0 | 4.0 | 4.0 | 24 | 8.0 | |
| 10 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 | 4.0 | 6.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 1.0 | 1.0 | 2.0 | 4.0 | 5.0 | 4.0 | 5.0 | 6.0 | 24 | 6.0 | |
| 11 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 5.0 | 5.0 | 4.0 | 2.0 | 1.0 | 1.0 | .0 | 1.0 | .0 | 1.0 | 1.0 | .0 | 1.0 | 2.0 | 4.0 | 8.0 | 8.0 | 6.0 | 6.0 | 24 | 8.0 | |
| 12 | 6.0 | 7.0 | 6.0 | 7.0 | 8.0 | 13.0 | 13.0 | 9.0 | 12.0 | 8.0 | 3.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 5.0 | 5.0 | 8.0 | 8.0 | 8.0 | 7.0 | 24 | 13.0 | |
| 13 | 6.0 | 5.0 | 6.0 | 4.0 | 7.0 | 9.0 | 7.0 | 5.0 | BF | BF | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 7.0 | 11.0 | 8.0 | 5.0 | 7.0 | 7.0 | 7.0 | 2.0 | 22 | 11.0 | |
| 14 | 2.0 | 4.0 | 4.0 | 6.0 | 8.0 | 7.0 | 6.0 | 3.0 | 2.0 | 1.0 | 1.0 | .0 | .0 | .0 | 1.0 | .0 | .0 | .0 | 2.0 | 8.0 | 21.0 | 7.0 | 17.0 | 26.0 | 24 | 26.0 | |
| 15 | 23.0 | 18.0 | 15.0 | 11.0 | 10.0 | 8.0 | 7.0 | 5.0 | 3.0 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 5.0 | 11.0 | 13.0 | 13.0 | 7.0 | 24 | 23.0 | |
| 16 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | 1.0 | 1.0 | .0 | 1.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 24 | 4.0 | |
| 17 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 4.0 | 7.0 | 7.0 | 7.0 | 5.0 | 1.0 | 2.0 | 1.0 | 1.0 | 3.0 | 3.0 | 7.0 | 5.0 | 6.0 | 7.0 | 5.0 | 4.0 | 2.0 | 2.0 | 24 | 7.0 | |
| 18 | 2.0 | 3.0 | 2.0 | 1.0 | 2.0 | 3.0 | 5.0 | 4.0 | 3.0 | 2.0 | AZ | AZ | AZ | AZ | AZ | AZ | AZ | AZ | 8.0 | 4.0 | 3.0 | 3.0 | 1.0 | 1.0 | 16 | 8.0 | |
| 19 | 2.0 | 1.0 | 1.0 | 2.0 | 10.0 | 9.0 | 5.0 | 2.0 | .0 | .0 | 1.0 | 3.0 | 4.0 | 2.0 | .0 | 1.0 | .0 | 2.0 | 4.0 | 5.0 | 5.0 | 9.0 | 5.0 | 5.0 | 24 | 10.0 | |
| 20 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 5.0 | 5.0 | 5.0 | 5.0 | 8.0 | 24 | 8.0 | |
| 21 | 7.0 | 6.0 | 5.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 1.0 | 3.0 | .0 | .0 | 1.0 | .0 | .0 | .0 | .0 | 1.0 | 3.0 | 7.0 | 7.0 | 5.0 | 6.0 | 24 | 7.0 | |
| 22 | 4.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 10.0 | 3.0 | 1.0 | 1.0 | .0 | .0 | 2.0 | 1.0 | .0 | .0 | .0 | 2.0 | 2.0 | 3.0 | 7.0 | 8.0 | 9.0 | 24 | 10.0 | |
| 23 | 6.0 | 5.0 | 4.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | .0 | 1.0 | 2.0 | 5.0 | 5.0 | 3.0 | 24 | 6.0 | |
| 24 | 3.0 | 2.0 | 2.0 | 3.0 | 6.0 | 10.0 | 9.0 | 5.0 | 3.0 | 2.0 | AV | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 23 | 10.0 | |
| 25 | 7.0 | 6.0 | 4.0 | 3.0 | 5.0 | 8.0 | 7.0 | 7.0 | 6.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 3.0 | 5.0 | 4.0 | 4.0 | 5.0 | 24 | 8.0 | |
| 26 | 4.0 | 8.0 | 6.0 | 6.0 | 9.0 | 8.0 | 9.0 | 7.0 | 7.0 | 5.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 6.0 | 9.0 | 8.0 | 5.0 | 7.0 | 7.0 | 8.0 | 24 | 9.0 | |
| 27 | 6.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | BF | BF | 4.0 | 3.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.0 | 5.0 | 4.0 | 5.0 | 5.0 | 4.0 | 22 | 6.0 | |
| 28 | 5.0 | 7.0 | 7.0 | 8.0 | 7.0 | 9.0 | 10.0 | 8.0 | 4.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 4.0 | 6.0 | 5.0 | 2.0 | 4.0 | 24 | 10.0 | |
| 29 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 3.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 24 | 5.0 | |
| 30 | 3.0 | 5.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 3.0 | 24 | 5.0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 27 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | 23.0 | 18.0 | 15.0 | 11.0 | 10.0 | 13.0 | 13.0 | 10.0 | 12.0 | 8.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 5.0 | 7.0 | 11.0 | 9.0 | 13.0 | 21.0 | 14.0 | 17.0 | 26.0 | | | |
| AVG: | 4.83 | 4.40 | 3.73 | 3.30 | 3.90 | 4.57 | 4.73 | 4.20 | 3.07 | 1.83 | 1.26 | .96 | 1.14 | 1.14 | 1.31 | 1.52 | 1.97 | 2.45 | 3.17 | 4.40 | 6.07 | 6.33 | 5.87 | 5.87 | | | |

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: 3.45 MONTHLY MAX: 26.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---------|
| 1 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 4.0 | 5.0 | 5.0 | 3.0 | 2.0 | 1.0 | BF | 1.0 | .0 | .0 | 2.0 | 1.0 | .0 | .0 | .0 | 1.0 | .0 | 1.0 | 2.0 | 23 | 5.0 |
| 2 | .0 | .0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | BF | BF | BF | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 8 | 2.0 |
| 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 | 0 | |
| 4 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 5 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 6 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 7 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 8 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 9 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 10 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 11 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 12 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 13 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 14 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 15 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 16 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 17 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 18 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 19 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | BC | BC | BC | BC | 1.0 | 1.0 | 2.0 | 1.0 | 2.0 | 4.0 | 5.0 | 6.0 | 4.0 | 3.0 | 10 | 6.0 |
| 20 | 3.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 1.0 | .0 | .0 | .0 | 1.0 | 4.0 | 7.0 | 4.0 | 2.0 | 5.0 | 6.0 | 6.0 | 6.0 | 7.0 | 10.0 | 24 | 10.0 |
| 21 | 5.0 | 5.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 4.0 | 4.0 | 6.0 | 10.0 | 6.0 | 3.0 | 24 | 10.0 | |
| 22 | 2.0 | 2.0 | 3.0 | 3.0 | 6.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 24 | 6.0 | |
| 23 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 3.0 | 6.0 | 7.0 | 6.0 | 4.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 5.0 | 6.0 | 6.0 | 8.0 | 7.0 | 24 | 8.0 | | |
| 24 | 4.0 | 5.0 | 3.0 | 5.0 | 8.0 | 12.0 | 13.0 | 7.0 | 2.0 | 1.0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | .0 | .0 | 2.0 | 7.0 | 7.0 | 5.0 | 2.0 | 24 | 13.0 | |
| 25 | 2.0 | 3.0 | 1.0 | .0 | 2.0 | .0 | .0 | 2.0 | 4.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 4.0 | 4.0 | 8.0 | 6.0 | 8.0 | 24 | 8.0 | |
| 26 | 6.0 | 4.0 | 4.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 3.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 7.0 | 5.0 | 3.0 | 24 | 7.0 |
| 27 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 2.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 3.0 | 5.0 | 6.0 | 7.0 | 4.0 | 4.0 | 24 | 7.0 |
| 28 | 4.0 | 3.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 3.0 | 5.0 | 8.0 | 7.0 | 3.0 | 24 | 8.0 | |
| 29 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 6.0 | 9.0 | 11.0 | 6.0 | 4.0 | 24 | 11.0 | | |
| 30 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 4.0 | 2.0 | 3.0 | 3.0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 6.0 | 10.0 | 11.0 | 9.0 | 6.0 | 24 | 11.0 |
| 31 | 7.0 | 8.0 | 7.0 | 7.0 | 6.0 | 10.0 | 7.0 | 3.0 | 4.0 | 8.0 | 4.0 | 7.0 | 4.0 | 2.0 | 2.0 | 1.0 | 2.0 | 5.0 | 11.0 | 3.0 | 6.0 | 7.0 | 5.0 | 2.0 | 24 | 11.0 |
| NO.: | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 13 | 13 | 13 | 12 | 13 | 13 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | | |
| MAX: | 7.0 | 8.0 | 7.0 | 7.0 | 8.0 | 12.0 | 13.0 | 7.0 | 6.0 | 8.0 | 4.0 | 7.0 | 4.0 | 3.0 | 4.0 | 7.0 | 4.0 | 5.0 | 11.0 | 6.0 | 10.0 | 11.0 | 9.0 | 10.0 | | |
| AVG: | 3.14 | 3.07 | 2.29 | 2.36 | 2.79 | 3.79 | 3.79 | 3.21 | 2.62 | 1.85 | .77 | 1.00 | .62 | .62 | .79 | 1.14 | 1.14 | 1.36 | 2.71 | 3.93 | 5.64 | 6.93 | 5.43 | 4.29 | | |

MONTHLY OBSERVATIONS: 329 MONTHLY MEAN: 2.75 MONTHLY MAX: 13.0

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

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: AUGUST 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 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 | .0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.0 | BF | BF | .0 | .0 | 1.0 | .0 | .0 | 2.0 | 2.0 | 2.0 | 4.0 | 10.0 | 5.0 | 2.0 | 4.0 | 22 | 10.0 | |
| 2 | 9.0 | 10.0 | 6.0 | 5.0 | 5.0 | 7.0 | 4.0 | 4.0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 1.0 | .0 | .0 | .0 | 2.0 | 8.0 | 19.0 | 19.0 | 20.0 | 18.0 | 24 | 20.0 | |
| 3 | 19.0 | 15.0 | 14.0 | 13.0 | 7.0 | 6.0 | 10.0 | 12.0 | 7.0 | 4.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 5.0 | 8.0 | 5.0 | 7.0 | 11.0 | 24 | 19.0 | |
| 4 | 11.0 | 8.0 | 7.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 2.0 | 24 | 11.0 | |
| 5 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 3.0 | 2.0 | 1.0 | 2.0 | 3.0 | 4.0 | 2.0 | 1.0 | 1.0 | .0 | 1.0 | 1.0 | 3.0 | 5.0 | 5.0 | 4.0 | 2.0 | 2.0 | 24 | 5.0 | |
| 6 | 3.0 | 2.0 | .0 | 2.0 | 2.0 | 2.0 | 8.0 | 15.0 | 9.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 3.0 | 4.0 | 4.0 | 7.0 | 5.0 | 4.0 | 2.0 | 24 | 15.0 | |
| 7 | 1.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 6.0 | 5.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | 1.0 | 3.0 | 6.0 | 4.0 | 4.0 | 5.0 | 5.0 | 4.0 | 5.0 | 24 | 6.0 | |
| 8 | 4.0 | 5.0 | 1.0 | 2.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 7.0 | 2.0 | 2.0 | 1.0 | .0 | 1.0 | 1.0 | 2.0 | 4.0 | 5.0 | 7.0 | 9.0 | 9.0 | 7.0 | 4.0 | 24 | 9.0 | |
| 9 | 5.0 | 5.0 | 6.0 | 6.0 | 7.0 | 8.0 | 8.0 | 6.0 | 5.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 2.0 | 5.0 | 4.0 | 5.0 | 5.0 | 6.0 | 7.0 | 5.0 | 4.0 | 5.0 | 24 | 8.0 | |
| 10 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 5.0 | 4.0 | 2.0 | 1.0 | .0 | .0 | 1.0 | 5.0 | 6.0 | 6.0 | 3.0 | 4.0 | 6.0 | 4.0 | 6.0 | 4.0 | 2.0 | 24 | 6.0 | |
| 11 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 3.0 | 8.0 | 7.0 | 4.0 | 4.0 | 6.0 | 24 | 8.0 | |
| 12 | 8.0 | 7.0 | 4.0 | 3.0 | 4.0 | 5.0 | 5.0 | 7.0 | 2.0 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 5.0 | 6.0 | 5.0 | 3.0 | 3.0 | 1.0 | 2.0 | 24 | 8.0 | |
| 13 | 3.0 | 4.0 | 3.0 | 4.0 | 6.0 | 7.0 | 9.0 | 10.0 | 3.0 | 5.0 | 5.0 | 2.0 | .0 | 1.0 | 2.0 | 5.0 | 6.0 | 7.0 | 4.0 | 5.0 | 2.0 | 10.0 | 6.0 | 5.0 | 24 | 10.0 | |
| 14 | 2.0 | 2.0 | 3.0 | 2.0 | 4.0 | 11.0 | 3.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 5.0 | 11.0 | 9.0 | 9.0 | 4.0 | 24 | 11.0 | |
| 15 | 2.0 | 1.0 | 1.0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | BF | BF | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 6.0 | 17.0 | 13.0 | 6.0 | 5.0 | 22 | 17.0 | |
| 16 | 4.0 | 1.0 | 3.0 | 1.0 | .0 | 1.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 3.0 | 6.0 | 5.0 | 6.0 | 5.0 | 3.0 | 24 | 6.0 | |
| 17 | 1.0 | 1.0 | 1.0 | .0 | .0 | 2.0 | 6.0 | 6.0 | 5.0 | 3.0 | 1.0 | .0 | 1.0 | .0 | 1.0 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 1.0 | 24 | 6.0 | |
| 18 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 2.0 | .0 | .0 | .0 | 24 | 2.0 | |
| 19 | .0 | .0 | .0 | .0 | .0 | 1.0 | 6.0 | 6.0 | 3.0 | 4.0 | 4.0 | 4.0 | 7.0 | 4.0 | 2.0 | 2.0 | 2.0 | 1.0 | 3.0 | 7.0 | 12.0 | 16.0 | 12.0 | 9.0 | 24 | 16.0 | |
| 20 | 9.0 | 7.0 | 5.0 | 4.0 | 5.0 | 7.0 | 7.0 | 10.0 | 11.0 | 5.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 4.0 | 5.0 | 7.0 | 20.0 | 17.0 | 13.0 | 24 | 20.0 | |
| 21 | 8.0 | 7.0 | 6.0 | 5.0 | 4.0 | 6.0 | 6.0 | 11.0 | 12.0 | 13.0 | 8.0 | 2.0 | 1.0 | 3.0 | 3.0 | 5.0 | 2.0 | 4.0 | 6.0 | 6.0 | 8.0 | 10.0 | 9.0 | 7.0 | 24 | 13.0 | |
| 22 | 5.0 | 5.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 3.0 | 6.0 | 3.0 | 8.0 | 3.0 | 4.0 | 6.0 | 24 | 8.0 | |
| 23 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 7.0 | 9.0 | 9.0 | 7.0 | 2.0 | 1.0 | .0 | .0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 5.0 | 1.0 | 2.0 | 4.0 | 6.0 | .0 | 24 | 9.0 | |
| 24 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 3.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 5.0 | 6.0 | 6.0 | 4.0 | 3.0 | 24 | 6.0 | |
| 25 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 7.0 | 13.0 | 11.0 | 10.0 | 7.0 | 24 | 13.0 | |
| 26 | 6.0 | 7.0 | 13.0 | 9.0 | 7.0 | 6.0 | 6.0 | 8.0 | 10.0 | 2.0 | 1.0 | 1.0 | .0 | .0 | .0 | 1.0 | 2.0 | 3.0 | 5.0 | 12.0 | 12.0 | 9.0 | 5.0 | 3.0 | 24 | 13.0 | |
| 27 | 4.0 | 3.0 | 5.0 | 5.0 | 10.0 | 13.0 | 14.0 | 7.0 | 6.0 | 3.0 | 2.0 | 1.0 | 1.0 | .0 | .0 | 2.0 | 2.0 | 1.0 | 4.0 | 10.0 | 14.0 | 9.0 | 6.0 | 5.0 | 24 | 14.0 | |
| 28 | 6.0 | 9.0 | 6.0 | 7.0 | 16.0 | 17.0 | 18.0 | 18.0 | 18.0 | 11.0 | 3.0 | 2.0 | 2.0 | 1.0 | 3.0 | 2.0 | 2.0 | 3.0 | 5.0 | 6.0 | 5.0 | 6.0 | 5.0 | 4.0 | 24 | 18.0 | |
| 29 | 4.0 | 4.0 | 3.0 | 4.0 | 8.0 | 9.0 | 15.0 | 11.0 | 6.0 | BF | BF | BF | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 21 | 15.0 | |
| 30 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 7.0 | 11.0 | 3.0 | 3.0 | 1.0 | 2.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 5.0 | 13.0 | 14.0 | 11.0 | 15.0 | 8.0 | 24 | 15.0 | |
| 31 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 6.0 | 7.0 | 6.0 | 4.0 | 4.0 | 1.0 | .0 | .0 | .0 | .0 | 2.0 | 2.0 | 4.0 | 6.0 | 9.0 | 12.0 | 17.0 | 14.0 | 11.0 | 24 | 17.0 | |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 28 | 28 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | 19.0 | 15.0 | 14.0 | 13.0 | 16.0 | 17.0 | 18.0 | 18.0 | 18.0 | 13.0 | 8.0 | 4.0 | 7.0 | 4.0 | 5.0 | 6.0 | 6.0 | 7.0 | 6.0 | 13.0 | 19.0 | 20.0 | 20.0 | 18.0 | | | |
| AVG: | 4.13 | 3.84 | 3.55 | 3.03 | 3.71 | 4.81 | 5.84 | 5.81 | 4.39 | 2.75 | 1.57 | .93 | .77 | .68 | .90 | 1.23 | 1.52 | 2.13 | 3.65 | 5.71 | 7.81 | 7.65 | 6.42 | 5.10 | | | |

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 3.68 MONTHLY MAX: 20.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|------|------|-----|---------|--|
| 1 | 11.0 | 7.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 3.0 | 4.0 | 6.0 | 4.0 | 2.0 | 4.0 | 3.0 | 2.0 | 24 | 11.0 | |
| 2 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 3.0 | 1.0 | 2.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 4.0 | 7.0 | 9.0 | 7.0 | 5.0 | 3.0 | 24 | 9.0 | |
| 3 | 2.0 | 2.0 | 4.0 | 4.0 | 3.0 | 7.0 | 10.0 | 11.0 | 11.0 | 4.0 | 1.0 | .0 | .0 | 1.0 | .0 | .0 | 1.0 | 1.0 | 4.0 | 9.0 | 4.0 | 8.0 | 8.0 | 8.0 | 24 | 11.0 | |
| 4 | 4.0 | 5.0 | 6.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 1.0 | .0 | .0 | .0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 4.0 | 20.0 | 23.0 | 20.0 | 17.0 | 15.0 | 24 | 23.0 | |
| 5 | 17.0 | 22.0 | 14.0 | 9.0 | 7.0 | 18.0 | 17.0 | 14.0 | 5.0 | 1.0 | .0 | 1.0 | 1.0 | AZ | AZ | AZ | AZ | 1.0 | 6.0 | 16.0 | 21.0 | 11.0 | 5.0 | 3.0 | 20 | 22.0 | |
| 6 | 2.0 | 3.0 | 1.0 | .0 | 1.0 | 2.0 | 4.0 | 2.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 3.0 | 1.0 | 5.0 | 7.0 | 6.0 | 5.0 | 5.0 | 4.0 | 24 | 7.0 | |
| 7 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 2.0 | 4.0 | 9.0 | 15.0 | 16.0 | 11.0 | 9.0 | 24 | 16.0 | |
| 8 | 6.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 2.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 4.0 | 8.0 | 6.0 | 15.0 | 15.0 | 13.0 | 24 | 15.0 | |
| 9 | 16.0 | 12.0 | 8.0 | 7.0 | 6.0 | 2.0 | 1.0 | 3.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 3.0 | 3.0 | 7.0 | 15.0 | 14.0 | 9.0 | 8.0 | 5.0 | 24 | 16.0 | |
| 10 | 2.0 | 3.0 | 6.0 | 4.0 | 4.0 | 10.0 | 16.0 | 12.0 | 8.0 | 8.0 | 5.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 7.0 | 13.0 | 14.0 | 21.0 | 16.0 | 8.0 | 24 | 21.0 | |
| 11 | 3.0 | 4.0 | 5.0 | 6.0 | 9.0 | 15.0 | 16.0 | 16.0 | 12.0 | 6.0 | 3.0 | 2.0 | 1.0 | .0 | 1.0 | 3.0 | 5.0 | 10.0 | 8.0 | 6.0 | 7.0 | 12.0 | 20.0 | 14.0 | 24 | 20.0 | |
| 12 | 12.0 | 11.0 | 9.0 | 5.0 | 6.0 | 8.0 | 10.0 | 7.0 | 4.0 | BF | BF | .0 | .0 | .0 | .0 | 1.0 | 3.0 | 3.0 | 4.0 | 6.0 | 9.0 | 8.0 | 6.0 | 7.0 | 22 | 12.0 | |
| 13 | 4.0 | 5.0 | 4.0 | 2.0 | 2.0 | 6.0 | 11.0 | 8.0 | 2.0 | 1.0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 6.0 | 7.0 | 2.0 | 1.0 | 24 | 11.0 | |
| 14 | 1.0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 3.0 | 5.0 | 9.0 | 13.0 | 14.0 | 9.0 | 8.0 | 24 | 14.0 | |
| 15 | 8.0 | 7.0 | 4.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 3.0 | 13.0 | 15.0 | 17.0 | 15.0 | 13.0 | 24 | 17.0 | |
| 16 | 7.0 | 8.0 | 14.0 | 12.0 | 7.0 | 9.0 | 10.0 | 12.0 | 9.0 | 6.0 | 2.0 | .0 | .0 | .0 | 2.0 | 2.0 | 3.0 | 1.0 | 2.0 | 1.0 | .0 | 1.0 | .0 | 1.0 | 24 | 14.0 | |
| 17 | .0 | .0 | 1.0 | 1.0 | 2.0 | 4.0 | 4.0 | 3.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.0 | 5.0 | 6.0 | 5.0 | 3.0 | 2.0 | 3.0 | 24 | 6.0 | |
| 18 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 1.0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 5.0 | 7.0 | 8.0 | 11.0 | 16.0 | 15.0 | 12.0 | 12.0 | 9.0 | 24 | 16.0 | |
| 19 | 8.0 | 7.0 | 6.0 | 7.0 | 6.0 | 12.0 | 22.0 | 22.0 | 10.0 | 6.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 4.0 | 6.0 | 7.0 | 8.0 | 11.0 | 14.0 | 15.0 | 14.0 | 10.0 | 24 | 22.0 | |
| 20 | 6.0 | 7.0 | 8.0 | 7.0 | 7.0 | 9.0 | 13.0 | 14.0 | 12.0 | 9.0 | 7.0 | 9.0 | 5.0 | 2.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 5.0 | 2.0 | 1.0 | 24 | 14.0 | |
| 21 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 4.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 3.0 | 5.0 | 5.0 | 3.0 | 1.0 | 3.0 | 4.0 | 4.0 | 3.0 | 1.0 | 24 | 5.0 | |
| 22 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 4.0 | 6.0 | 5.0 | 7.0 | 1.0 | 1.0 | 24 | 7.0 | |
| 23 | .0 | 1.0 | .0 | .0 | .0 | 1.0 | 2.0 | 2.0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 8.0 | 21.0 | 19.0 | 13.0 | 8.0 | 6.0 | 24 | 21.0 | |
| 24 | 6.0 | 5.0 | 3.0 | 2.0 | 2.0 | 4.0 | 5.0 | 6.0 | 5.0 | 4.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 5.0 | 10.0 | 16.0 | 18.0 | 13.0 | 13.0 | 10.0 | 24 | 18.0 | |
| 25 | 6.0 | 6.0 | 3.0 | 2.0 | 4.0 | 5.0 | 8.0 | 10.0 | 5.0 | 5.0 | 10.0 | 12.0 | 11.0 | 5.0 | 4.0 | 7.0 | 2.0 | 4.0 | 8.0 | 11.0 | 6.0 | 4.0 | 3.0 | 3.0 | 24 | 12.0 | |
| 26 | 2.0 | .0 | .0 | .0 | .0 | 2.0 | 4.0 | 5.0 | BF | BF | BF | 4.0 | 2.0 | 3.0 | 4.0 | 4.0 | 4.0 | 3.0 | 9.0 | 7.0 | 5.0 | 9.0 | 5.0 | 2.0 | 21 | 9.0 | |
| 27 | 2.0 | 1.0 | 1.0 | .0 | .0 | 3.0 | 5.0 | 4.0 | 3.0 | 4.0 | .0 | .0 | .0 | .0 | 1.0 | .0 | .0 | 1.0 | 8.0 | 6.0 | 6.0 | 8.0 | 5.0 | 3.0 | 24 | 8.0 | |
| 28 | 3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 5.0 | 4.0 | 3.0 | 1.0 | 1.0 | 24 | 5.0 | |
| 29 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 5.0 | 10.0 | 7.0 | 15.0 | 11.0 | 21.0 | 24 | 21.0 | |
| 30 | 14.0 | 5.0 | 1.0 | 1.0 | 2.0 | 3.0 | 9.0 | 11.0 | 12.0 | 7.0 | 6.0 | 8.0 | 6.0 | 4.0 | 3.0 | 2.0 | 4.0 | 6.0 | 15.0 | 28.0 | 27.0 | 15.0 | 18.0 | 13.0 | 24 | 28.0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 28 | 28 | 30 | 30 | 29 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | 17.0 | 22.0 | 14.0 | 12.0 | 9.0 | 18.0 | 22.0 | 22.0 | 12.0 | 9.0 | 10.0 | 12.0 | 11.0 | 5.0 | 5.0 | 7.0 | 7.0 | 10.0 | 15.0 | 28.0 | 27.0 | 21.0 | 20.0 | 21.0 | | | |
| AVG: | 5.07 | 4.50 | 3.77 | 2.90 | 2.80 | 4.60 | 6.33 | 6.13 | 4.03 | 2.57 | 1.71 | 1.57 | 1.20 | .93 | 1.21 | 1.76 | 2.28 | 2.90 | 5.80 | 9.87 | 10.10 | 10.03 | 8.10 | 6.60 | | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: 4.48 MONTHLY MAX: 28.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|------|-----|---------|--|
| 1 | 13.0 | 13.0 | 12.0 | 8.0 | 14.0 | 16.0 | 13.0 | 10.0 | 5.0 | 2.0 | 1.0 | 1.0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 3.0 | 12.0 | 25.0 | 34.0 | 30.0 | 26.0 | 24.0 | 24 | 34.0 | |
| 2 | 14.0 | 11.0 | 11.0 | 10.0 | 11.0 | 9.0 | 7.0 | 8.0 | 10.0 | 4.0 | 2.0 | 1.0 | .0 | .0 | 1.0 | .0 | .0 | 3.0 | 16.0 | 29.0 | 29.0 | 22.0 | 20.0 | 22.0 | 24 | 29.0 | |
| 3 | 15.0 | 14.0 | 12.0 | 7.0 | 5.0 | 8.0 | 6.0 | 8.0 | 12.0 | 21.0 | 12.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 6.0 | 17.0 | 30.0 | 30.0 | 28.0 | 24.0 | 22.0 | 24 | 30.0 | |
| 4 | 10.0 | 5.0 | 6.0 | 7.0 | 9.0 | 18.0 | 16.0 | 15.0 | 12.0 | 5.0 | 2.0 | 1.0 | 2.0 | 8.0 | 17.0 | 15.0 | 11.0 | 10.0 | 13.0 | 20.0 | 33.0 | 39.0 | 30.0 | 26.0 | 24 | 39.0 | |
| 5 | 25.0 | 20.0 | 16.0 | 18.0 | 13.0 | 9.0 | 6.0 | 9.0 | 11.0 | 10.0 | 3.0 | 2.0 | 1.0 | .0 | .0 | .0 | .0 | 2.0 | 10.0 | 17.0 | 23.0 | 29.0 | 20.0 | 18.0 | 24 | 29.0 | |
| 6 | 15.0 | 13.0 | 7.0 | 6.0 | 7.0 | 4.0 | 3.0 | 4.0 | 5.0 | 2.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 4.0 | 5.0 | 3.0 | 3.0 | 1.0 | .0 | 24 | 15.0 | |
| 7 | .0 | .0 | .0 | 1.0 | .0 | .0 | 2.0 | 2.0 | 4.0 | 5.0 | 2.0 | 1.0 | 1.0 | 1.0 | 3.0 | 4.0 | 2.0 | 5.0 | 5.0 | 3.0 | 2.0 | 2.0 | .0 | .0 | 24 | 5.0 | |
| 8 | .0 | .0 | .0 | .0 | .0 | 2.0 | 3.0 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | 2.0 | 24 | 3.0 | |
| 9 | 1.0 | .0 | .0 | .0 | 2.0 | 2.0 | 2.0 | 3.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | 24 | 3.0 | |
| 10 | .0 | .0 | .0 | .0 | .0 | 2.0 | 7.0 | 13.0 | 9.0 | BF | BF | BF | BF | 2.0 | .0 | .0 | 2.0 | 2.0 | 1.0 | 1.0 | 3.0 | 3.0 | 3.0 | 4.0 | 20 | 13.0 | |
| 11 | 3.0 | 1.0 | 3.0 | 1.0 | 4.0 | 7.0 | 10.0 | 12.0 | 13.0 | 5.0 | 1.0 | 1.0 | 1.0 | .0 | 1.0 | 1.0 | 5.0 | 8.0 | 8.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 24 | 13.0 | |
| 12 | 1.0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 3.0 | 1.0 | 4.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | .0 | 1.0 | .0 | .0 | 24 | 4.0 | |
| 13 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 24 | 0.0 | |
| 14 | .0 | -1.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | .0 | 1.0 | .0 | .0 | .0 | 24 | 2.0 | |
| 15 | .0 | .0 | .0 | .0 | 1.0 | 3.0 | 5.0 | 4.0 | .0 | 1.0 | .0 | .0 | .0 | 1.0 | 2.0 | 6.0 | 20.0 | 17.0 | 10.0 | 11.0 | 9.0 | 8.0 | 4.0 | 2.0 | 24 | 20.0 | |
| 16 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 5.0 | 8.0 | 6.0 | 2.0 | 6.0 | 5.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 6.0 | 6.0 | 8.0 | 14.0 | 21.0 | 23.0 | 17.0 | 15.0 | 24 | 23.0 | |
| 17 | 8.0 | 8.0 | 7.0 | 6.0 | 7.0 | 17.0 | 17.0 | 16.0 | 13.0 | 10.0 | 7.0 | 12.0 | 9.0 | 7.0 | 4.0 | 6.0 | 7.0 | 4.0 | 4.0 | 5.0 | 4.0 | 5.0 | 3.0 | 2.0 | 24 | 17.0 | |
| 18 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 5.0 | 7.0 | 4.0 | 1.0 | .0 | .0 | .0 | .0 | 3.0 | 3.0 | 6.0 | 11.0 | 17.0 | 14.0 | 19.0 | 14.0 | 13.0 | 12.0 | 24 | 19.0 | |
| 19 | 10.0 | 8.0 | 10.0 | 4.0 | 3.0 | 4.0 | 4.0 | 3.0 | 5.0 | 6.0 | 6.0 | 7.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 7.0 | 9.0 | 9.0 | 8.0 | 8.0 | 8.0 | 5.0 | 24 | 10.0 | |
| 20 | 5.0 | 3.0 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 12.0 | 15.0 | 15.0 | 14.0 | 13.0 | 12.0 | 24 | 15.0 | |
| 21 | 10.0 | 7.0 | 6.0 | 10.0 | 18.0 | 14.0 | 10.0 | 8.0 | 7.0 | 9.0 | 10.0 | 6.0 | 1.0 | 2.0 | 1.0 | 1.0 | 4.0 | 9.0 | 17.0 | 24.0 | 21.0 | 26.0 | 22.0 | 15.0 | 24 | 26.0 | |
| 22 | 7.0 | 4.0 | 4.0 | 4.0 | 8.0 | 13.0 | 15.0 | 17.0 | 15.0 | 10.0 | 9.0 | 6.0 | 2.0 | 4.0 | 5.0 | 6.0 | 8.0 | 13.0 | 11.0 | 11.0 | 12.0 | 15.0 | 14.0 | 9.0 | 24 | 17.0 | |
| 23 | 7.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | BC | BC | BC | BC | BC | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 19 | 7.0 | |
| 24 | 3.0 | 5.0 | 6.0 | 9.0 | 14.0 | 14.0 | 18.0 | 14.0 | 9.0 | BF | BF | 1.0 | .0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 3.0 | 2.0 | 3.0 | 2.0 | 2.0 | 22 | 18.0 | |
| 25 | 2.0 | 1.0 | 5.0 | 10.0 | 12.0 | 12.0 | 13.0 | 18.0 | 12.0 | 3.0 | 1.0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 5.0 | 6.0 | 7.0 | 10.0 | 13.0 | 13.0 | 20.0 | 24 | 20.0 | |
| 26 | 17.0 | 12.0 | 7.0 | 9.0 | 9.0 | 11.0 | 14.0 | 10.0 | 5.0 | 5.0 | 3.0 | 7.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 6.0 | 6.0 | 6.0 | 9.0 | 6.0 | 8.0 | 24 | 17.0 | |
| 27 | 7.0 | 6.0 | 7.0 | 10.0 | 10.0 | 12.0 | 12.0 | 8.0 | 3.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 8.0 | 21.0 | 22.0 | 18.0 | 22.0 | 17.0 | 16.0 | 24 | 22.0 | |
| 28 | 26.0 | 19.0 | 17.0 | 13.0 | 11.0 | 19.0 | 23.0 | 18.0 | 13.0 | 7.0 | 4.0 | 3.0 | 3.0 | 6.0 | 8.0 | 9.0 | 12.0 | 19.0 | 20.0 | 31.0 | 28.0 | 27.0 | 21.0 | 19.0 | 24 | 31.0 | |
| 29 | 19.0 | 14.0 | 11.0 | 17.0 | 12.0 | 10.0 | 14.0 | 13.0 | 12.0 | 3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 4.0 | 9.0 | 16.0 | 15.0 | 12.0 | 10.0 | 10.0 | 6.0 | 24 | 19.0 | |
| 30 | 7.0 | 5.0 | 4.0 | 4.0 | 6.0 | 13.0 | 22.0 | 25.0 | 17.0 | 14.0 | 9.0 | 7.0 | 6.0 | 5.0 | 3.0 | 4.0 | 5.0 | 14.0 | 31.0 | 28.0 | 16.0 | 15.0 | 10.0 | 7.0 | 24 | 31.0 | |
| 31 | 8.0 | 8.0 | 5.0 | 4.0 | 6.0 | 11.0 | 20.0 | 16.0 | 12.0 | 8.0 | 7.0 | 4.0 | 3.0 | 5.0 | 6.0 | 6.0 | 9.0 | 15.0 | 10.0 | 4.0 | 5.0 | 3.0 | 2.0 | 1.0 | 24 | 20.0 | |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 28 | 28 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | 26.0 | 20.0 | 17.0 | 18.0 | 18.0 | 19.0 | 23.0 | 25.0 | 17.0 | 21.0 | 12.0 | 12.0 | 9.0 | 8.0 | 17.0 | 15.0 | 20.0 | 19.0 | 31.0 | 31.0 | 34.0 | 39.0 | 30.0 | 26.0 | | | |
| AVG: | 7.68 | 6.03 | 5.42 | 5.39 | 6.16 | 7.87 | 9.27 | 9.03 | 7.17 | 4.86 | 3.32 | 2.40 | 1.43 | 1.77 | 2.29 | 2.65 | 3.94 | 6.26 | 9.58 | 11.74 | 12.00 | 12.19 | 9.77 | 8.81 | | | |

MONTHLY OBSERVATIONS: 733 MONTHLY MEAN: 6.57 MONTHLY MAX: 39.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|-------|-------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|------|------|-----|---------|--|
| 1 | 1.0 | 1.0 | .0 | .0 | .0 | 1.0 | 2.0 | 3.0 | 3.0 | 7.0 | 5.0 | 6.0 | 8.0 | 8.0 | 4.0 | 3.0 | 4.0 | 6.0 | 7.0 | 6.0 | 8.0 | 7.0 | 5.0 | 4.0 | 24 | 8.0 | |
| 2 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 6.0 | 10.0 | 8.0 | 6.0 | 3.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 5.0 | 8.0 | 4.0 | 5.0 | 8.0 | 7.0 | 5.0 | 24 | 10.0 | |
| 3 | 6.0 | 6.0 | 7.0 | 5.0 | 6.0 | 7.0 | 9.0 | 8.0 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 4.0 | 3.0 | 2.0 | 3.0 | 1.0 | 2.0 | 24 | 9.0 | | |
| 4 | 4.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 8.0 | 9.0 | 9.0 | 8.0 | 5.0 | 4.0 | 6.0 | 24 | 9.0 | | |
| 5 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 5.0 | 4.0 | 3.0 | 2.0 | 3.0 | 2.0 | 2.0 | 24 | 5.0 | | |
| 6 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 6.0 | 17.0 | 29.0 | 22.0 | 23.0 | 23.0 | 26.0 | 26.0 | 24 | 29.0 | |
| 7 | 26.0 | 21.0 | 17.0 | 12.0 | 18.0 | 17.0 | 15.0 | 18.0 | 14.0 | BF | BF | BF | 7.0 | 6.0 | 4.0 | 3.0 | 4.0 | 5.0 | 7.0 | 6.0 | 7.0 | 9.0 | 8.0 | 4.0 | 21 | 26.0 | |
| 8 | 5.0 | 4.0 | 5.0 | 5.0 | 12.0 | 10.0 | 17.0 | 19.0 | 16.0 | 3.0 | 1.0 | .0 | 1.0 | 1.0 | 2.0 | 2.0 | 4.0 | 10.0 | 28.0 | 33.0 | 16.0 | 17.0 | 18.0 | 20.0 | 24 | 33.0 | |
| 9 | 20.0 | 18.0 | 15.0 | 13.0 | 17.0 | 22.0 | 21.0 | 17.0 | 15.0 | 9.0 | 4.0 | 2.0 | 1.0 | 1.0 | 3.0 | 4.0 | 6.0 | 9.0 | 12.0 | 17.0 | 18.0 | 9.0 | 8.0 | 8.0 | 24 | 22.0 | |
| 10 | 7.0 | 6.0 | 8.0 | 11.0 | 10.0 | 8.0 | 7.0 | 8.0 | 5.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 6.0 | 9.0 | 7.0 | 7.0 | 5.0 | 2.0 | 6.0 | 24 | 11.0 | |
| 11 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 14.0 | 13.0 | 12.0 | 13.0 | 4.0 | 5.0 | 6.0 | 7.0 | 5.0 | 5.0 | 6.0 | 15.0 | 35.0 | 31.0 | 23.0 | 23.0 | 17.0 | 13.0 | 24 | 35.0 | |
| 12 | 15.0 | 14.0 | 14.0 | 15.0 | 14.0 | 18.0 | 24.0 | 27.0 | 24.0 | 14.0 | 5.0 | 2.0 | 3.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | .0 | 3.0 | 2.0 | 5.0 | 24 | 27.0 | |
| 13 | 8.0 | 10.0 | 10.0 | 9.0 | 14.0 | 16.0 | 19.0 | 22.0 | 4.0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 3.0 | 8.0 | 29.0 | 20.0 | 27.0 | 28.0 | 27.0 | 23.0 | 24 | 29.0 | |
| 14 | 24.0 | 23.0 | 21.0 | 22.0 | 22.0 | 24.0 | 23.0 | 22.0 | 20.0 | 15.0 | 9.0 | 7.0 | 5.0 | 8.0 | 5.0 | 6.0 | 8.0 | 23.0 | 37.0 | 35.0 | 31.0 | 19.0 | 18.0 | 16.0 | 24 | 37.0 | |
| 15 | 16.0 | 22.0 | 26.0 | 22.0 | 19.0 | 28.0 | 26.0 | 28.0 | 29.0 | 28.0 | 16.0 | 11.0 | 16.0 | 12.0 | 12.0 | 13.0 | 12.0 | 22.0 | 17.0 | 20.0 | 29.0 | 33.0 | 28.0 | 26.0 | 24 | 33.0 | |
| 16 | 21.0 | 9.0 | 8.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.0 | 8.0 | 8.0 | 14.0 | 9.0 | 9.0 | 9.0 | 24 | 21.0 | |
| 17 | 6.0 | 4.0 | 1.0 | 1.0 | .0 | .0 | 2.0 | 3.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 7.0 | 14.0 | 8.0 | 2.0 | 3.0 | 1.0 | .0 | 24 | 14.0 | |
| 18 | .0 | .0 | 1.0 | 1.0 | 1.0 | 6.0 | 11.0 | 13.0 | 12.0 | 8.0 | 3.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 5.0 | 12.0 | 10.0 | 4.0 | 4.0 | 3.0 | 6.0 | 6.0 | 24 | 13.0 | |
| 19 | 5.0 | 2.0 | 2.0 | 2.0 | 3.0 | 9.0 | 14.0 | 8.0 | 3.0 | 1.0 | .0 | .0 | .0 | .0 | 1.0 | 2.0 | 9.0 | 6.0 | 4.0 | 3.0 | 5.0 | 3.0 | 2.0 | 2.0 | 24 | 14.0 | |
| 20 | 2.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 4.0 | 3.0 | 1.0 | 1.0 | 1.0 | .0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 6.0 | 8.0 | 7.0 | 6.0 | 4.0 | 4.0 | 24 | 8.0 | |
| 21 | 3.0 | 4.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | BF | BF | BF | 3.0 | 3.0 | 5.0 | 4.0 | 6.0 | 8.0 | 7.0 | 9.0 | 7.0 | 5.0 | 4.0 | 21 | 9.0 | |
| 22 | 10.0 | 11.0 | 4.0 | 2.0 | 3.0 | 10.0 | 15.0 | 16.0 | 12.0 | 7.0 | 9.0 | 9.0 | 7.0 | 5.0 | 6.0 | 12.0 | 16.0 | 9.0 | 9.0 | 9.0 | 10.0 | 11.0 | 10.0 | 10.0 | 24 | 16.0 | |
| 23 | 8.0 | 7.0 | 4.0 | 7.0 | 9.0 | 7.0 | 6.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 1.0 | 1.0 | 3.0 | 5.0 | 4.0 | 4.0 | 2.0 | 2.0 | 1.0 | 1.0 | 24 | 9.0 | |
| 24 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 5.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 24 | 5.0 | |
| 25 | 4.0 | 5.0 | 7.0 | 4.0 | 5.0 | 8.0 | 15.0 | 25.0 | 18.0 | 9.0 | 5.0 | 4.0 | 3.0 | 5.0 | 5.0 | 5.0 | 6.0 | 11.0 | 25.0 | 29.0 | 24.0 | 15.0 | 12.0 | 8.0 | 24 | 29.0 | |
| 26 | 15.0 | 9.0 | 5.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 5.0 | 6.0 | 5.0 | 4.0 | 4.0 | 4.0 | 6.0 | 10.0 | 8.0 | 6.0 | 4.0 | 9.0 | 4.0 | 3.0 | 2.0 | 5.0 | 24 | 15.0 | |
| 27 | 6.0 | 8.0 | 7.0 | 5.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 24 | 8.0 | |
| 28 | 3.0 | 5.0 | 9.0 | 8.0 | 5.0 | 6.0 | 8.0 | 10.0 | 5.0 | 1.0 | 1.0 | 1.0 | 1.0 | .0 | .0 | 1.0 | 4.0 | 10.0 | 23.0 | 27.0 | 23.0 | 21.0 | 22.0 | 23.0 | 24 | 27.0 | |
| 29 | 22.0 | 22.0 | 19.0 | 20.0 | 20.0 | 20.0 | 22.0 | 21.0 | 15.0 | 4.0 | 1.0 | 1.0 | .0 | .0 | 2.0 | 2.0 | 3.0 | 6.0 | 9.0 | 8.0 | 9.0 | 7.0 | 6.0 | 4.0 | 24 | 22.0 | |
| 30 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 10.0 | 14.0 | 13.0 | 12.0 | 16.0 | 15.0 | 18.0 | 24 | 18.0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 28 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | 26.0 | 23.0 | 26.0 | 22.0 | 28.0 | 26.0 | 28.0 | 29.0 | 28.0 | 28.0 | 16.0 | 11.0 | 16.0 | 12.0 | 13.0 | 13.0 | 16.0 | 23.0 | 37.0 | 35.0 | 31.0 | 33.0 | 28.0 | 26.0 | | | |
| AVG: | 8.43 | 7.67 | 7.10 | 6.43 | 7.03 | 8.43 | 10.23 | 10.67 | 8.30 | 5.24 | 3.11 | 2.46 | 2.83 | 2.77 | 2.73 | 3.40 | 4.53 | 8.37 | 12.73 | 12.00 | 11.13 | 10.30 | 9.13 | 8.83 | | | |

MONTHLY OBSERVATIONS: 714 MONTHLY MEAN: 7.28 MONTHLY MAX: 37.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-067-0022 POC: 1
 COUNTY: (067) Forsyth
 CITY: (75000) Winston-Salem
 SITE ADDRESS: 1300 BLK. HATTIE AVENUE
 SITE COMMENTS: SLAMS SO2/NOX & SPM NOY/CO/O3/HYDROCARBON "PAMS" SITE.
 MONITOR COMMENTS: CSI 1600 ANALYZER/CHANGED TO API 200A 2/96

STATE: (37) North Carolina
 AQCR: (136) NORTHERN PIEDMONT
 URBANIZED AREA: (9220) WINSTON-SALEM, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: URBAN AND CENTER CITY

CAS NUMBER: 10102-44-0
 LATITUDE: 36.110556
 LONGITUDE: -80.226667
 UTM ZONE: 17
 UTM NORTHING: 3996287
 UTM EASTING: 569604
 ELEVATION-MSL: 284
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (599) Instrumental Chemiluminescence Tel
 PQAQ: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2013

DURATION: 1 HOUR
 UNITS: Parts per billion
 MIN DETECTABLE: .05

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|--|
| 1 | 14.0 | 25.0 | 25.0 | 24.0 | 20.0 | 18.0 | 17.0 | 17.0 | 14.0 | 12.0 | 7.0 | 6.0 | 5.0 | 4.0 | 4.0 | 5.0 | 15.0 | 24.0 | 31.0 | 34.0 | 32.0 | 26.0 | 24.0 | 22.0 | 24 | 34.0 | |
| 2 | 23.0 | 17.0 | 19.0 | 21.0 | 25.0 | 24.0 | 26.0 | 21.0 | 24.0 | 23.0 | 24.0 | 20.0 | 19.0 | 13.0 | 11.0 | 11.0 | 12.0 | 20.0 | 28.0 | 27.0 | 34.0 | 32.0 | 31.0 | 30.0 | 24 | 34.0 | |
| 3 | 25.0 | 27.0 | 25.0 | 19.0 | 28.0 | 20.0 | 17.0 | 17.0 | 18.0 | 24.0 | 23.0 | 13.0 | 9.0 | 9.0 | 11.0 | 14.0 | 15.0 | 16.0 | 10.0 | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 24 | 28.0 | |
| 4 | 7.0 | 7.0 | 7.0 | 11.0 | 6.0 | 8.0 | 10.0 | 12.0 | 14.0 | 13.0 | 12.0 | 13.0 | 13.0 | 11.0 | 11.0 | 15.0 | 16.0 | 18.0 | 19.0 | 13.0 | 8.0 | 7.0 | 8.0 | 6.0 | 24 | 19.0 | |
| 5 | 3.0 | 1.0 | 1.0 | 1.0 | 2.0 | 5.0 | 7.0 | 8.0 | 8.0 | 6.0 | BF | BF | BF | 5.0 | 6.0 | 7.0 | 11.0 | 10.0 | 8.0 | 7.0 | 5.0 | 4.0 | 2.0 | 2.0 | 21 | 11.0 | |
| 6 | 1.0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 4.0 | 4.0 | 5.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 24 | 5.0 | |
| 7 | 2.0 | 3.0 | 3.0 | 5.0 | 6.0 | 5.0 | 4.0 | 7.0 | 4.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 9.0 | 7.0 | 3.0 | 3.0 | 2.0 | 3.0 | 1.0 | 1.0 | 24 | 9.0 | |
| 8 | 1.0 | 1.0 | .0 | 1.0 | 2.0 | 1.0 | .0 | 1.0 | .0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 24 | 3.0 | |
| 9 | 1.0 | 2.0 | 3.0 | 5.0 | 4.0 | 6.0 | 7.0 | 7.0 | 9.0 | 9.0 | 9.0 | 8.0 | 9.0 | 9.0 | 10.0 | 11.0 | 12.0 | 11.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 24 | 12.0 | |
| 10 | 9.0 | 9.0 | 9.0 | 8.0 | 8.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 7.0 | 3.0 | 2.0 | 4.0 | 3.0 | 2.0 | 4.0 | 5.0 | 11.0 | 7.0 | 8.0 | 26.0 | 24.0 | 24.0 | 24 | 26.0 | |
| 11 | 22.0 | 24.0 | 18.0 | 21.0 | 26.0 | 22.0 | 25.0 | 22.0 | 19.0 | 25.0 | 17.0 | 8.0 | 6.0 | 4.0 | 3.0 | 5.0 | 8.0 | 17.0 | 19.0 | 20.0 | 13.0 | 13.0 | 15.0 | 15.0 | 24 | 26.0 | |
| 12 | 14.0 | 9.0 | 10.0 | 7.0 | 6.0 | 3.0 | 11.0 | 23.0 | 16.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 4.0 | 15.0 | 24.0 | 25.0 | 23.0 | 31.0 | 29.0 | 23.0 | 24 | 31.0 | |
| 13 | 27.0 | 25.0 | 25.0 | 24.0 | 16.0 | 21.0 | 22.0 | 26.0 | 23.0 | 24.0 | 16.0 | 7.0 | 6.0 | 4.0 | 5.0 | 8.0 | 13.0 | 30.0 | 38.0 | 35.0 | 33.0 | 28.0 | 25.0 | 26.0 | 24 | 38.0 | |
| 14 | 27.0 | 27.0 | 24.0 | 23.0 | 22.0 | 16.0 | 13.0 | 13.0 | 14.0 | 13.0 | 10.0 | 8.0 | 6.0 | 6.0 | 6.0 | 7.0 | 6.0 | 7.0 | 8.0 | 6.0 | 5.0 | 3.0 | 3.0 | 3.0 | 24 | 27.0 | |
| 15 | 4.0 | 6.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 2.0 | .0 | .0 | .0 | 1.0 | 1.0 | 2.0 | 4.0 | 9.0 | 7.0 | 6.0 | 10.0 | 12.0 | 13.0 | 24 | 13.0 | | |
| 16 | 11.0 | 9.0 | 10.0 | 9.0 | 9.0 | 16.0 | 23.0 | 21.0 | 19.0 | 21.0 | 13.0 | 7.0 | 5.0 | 4.0 | 4.0 | 5.0 | 8.0 | 22.0 | 28.0 | 29.0 | 23.0 | 15.0 | 11.0 | 14.0 | 24 | 29.0 | |
| 17 | 16.0 | 19.0 | 20.0 | 22.0 | 23.0 | 23.0 | 23.0 | 20.0 | 18.0 | 18.0 | 15.0 | 8.0 | 6.0 | 7.0 | 6.0 | 8.0 | 10.0 | 11.0 | 12.0 | 7.0 | 3.0 | 2.0 | 3.0 | .0 | 24 | 23.0 | |
| 18 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 7.0 | 11.0 | 8.0 | 5.0 | 3.0 | .0 | 1.0 | AZ | AZ | AZ | AZ | AZ | 33.0 | 36.0 | 36.0 | 34.0 | 20.0 | 31.0 | 19 | 36.0 | |
| 19 | 31.0 | 33.0 | 32.0 | 27.0 | 21.0 | 14.0 | 23.0 | 23.0 | 22.0 | BF | BF | 13.0 | 9.0 | 7.0 | 6.0 | 8.0 | 13.0 | 28.0 | 26.0 | 20.0 | 16.0 | 10.0 | 13.0 | 8.0 | 22 | 33.0 | |
| 20 | 8.0 | 9.0 | 8.0 | 8.0 | 7.0 | 9.0 | 12.0 | 20.0 | 26.0 | 20.0 | 14.0 | 8.0 | 5.0 | 6.0 | 7.0 | 7.0 | 7.0 | 12.0 | 12.0 | 11.0 | 15.0 | 16.0 | 10.0 | 7.0 | 24 | 26.0 | |
| 21 | 5.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.0 | 5.0 | 8.0 | 10.0 | 7.0 | 7.0 | 4.0 | 4.0 | 6.0 | 7.0 | 4.0 | 6.0 | 11.0 | 10.0 | 2.0 | 3.0 | 4.0 | 2.0 | 1.0 | 24 | 11.0 | |
| 22 | 1.0 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 7.0 | 6.0 | 6.0 | 2.0 | 5.0 | 4.0 | 6.0 | 5.0 | 1.0 | 1.0 | 24 | 7.0 | |
| 23 | 1.0 | .0 | .0 | .0 | .0 | .0 | 3.0 | 5.0 | 2.0 | 3.0 | 4.0 | 5.0 | 2.0 | 6.0 | 6.0 | 6.0 | 7.0 | 6.0 | 10.0 | 5.0 | 4.0 | 6.0 | 5.0 | 4.0 | 24 | 10.0 | |
| 24 | 1.0 | 1.0 | 3.0 | 1.0 | 3.0 | 5.0 | 8.0 | 7.0 | 8.0 | 2.0 | 1.0 | .0 | .0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | 24 | 8.0 | |
| 25 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 4.0 | 1.0 | .0 | .0 | .0 | 1.0 | 1.0 | 2.0 | 3.0 | 8.0 | 18.0 | 22.0 | 16.0 | 25.0 | 22.0 | 20.0 | 24 | 25.0 | |
| 26 | 21.0 | 20.0 | 24.0 | 22.0 | 21.0 | 20.0 | 22.0 | 21.0 | 22.0 | 19.0 | 13.0 | 8.0 | 7.0 | 5.0 | 2.0 | 2.0 | 5.0 | 18.0 | 24.0 | 34.0 | 21.0 | 14.0 | 10.0 | 12.0 | 24 | 34.0 | |
| 27 | 20.0 | 4.0 | 6.0 | 3.0 | 9.0 | 19.0 | 19.0 | 23.0 | 24.0 | 21.0 | 9.0 | 5.0 | 5.0 | 5.0 | 6.0 | 5.0 | 8.0 | 23.0 | 36.0 | 41.0 | 37.0 | 37.0 | 31.0 | 29.0 | 24 | 41.0 | |
| 28 | 32.0 | 30.0 | 29.0 | 30.0 | 27.0 | 26.0 | 25.0 | 19.0 | 17.0 | 17.0 | 9.0 | 10.0 | 11.0 | 16.0 | 12.0 | 16.0 | 22.0 | 31.0 | 33.0 | 33.0 | 24.0 | 19.0 | 25.0 | 27.0 | 24 | 33.0 | |
| 29 | 20.0 | 8.0 | 4.0 | 4.0 | 2.0 | 2.0 | 1.0 | 1.0 | 4.0 | 3.0 | 4.0 | 2.0 | 4.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 4.0 | 9.0 | 7.0 | 9.0 | 24 | 20.0 | | |
| 30 | 9.0 | 7.0 | 7.0 | 20.0 | 17.0 | 15.0 | 22.0 | 19.0 | 16.0 | 20.0 | 18.0 | 13.0 | 4.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 5.0 | 4.0 | 4.0 | 4.0 | 3.0 | 2.0 | 24 | 22.0 | |
| 31 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 8.0 | 15.0 | 14.0 | 11.0 | 7.0 | BF | BF | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 11.0 | 20.0 | 17.0 | 12.0 | 11.0 | 13.0 | 23.0 | 22 | 23.0 | |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | 32.0 | 33.0 | 32.0 | 30.0 | 28.0 | 26.0 | 26.0 | 26.0 | 25.0 | 24.0 | 20.0 | 19.0 | 16.0 | 12.0 | 16.0 | 22.0 | 31.0 | 38.0 | 41.0 | 37.0 | 37.0 | 37.0 | 31.0 | 31.0 | | | |
| AVG: | 11.65 | 10.77 | 10.68 | 10.71 | 10.55 | 10.55 | 12.23 | 13.03 | 12.39 | 11.00 | 8.71 | 6.10 | 4.87 | 4.97 | 4.80 | 5.57 | 7.87 | 12.70 | 16.26 | 15.42 | 13.45 | 13.45 | 11.97 | 12.06 | | | |

MONTHLY OBSERVATIONS: 732 MONTHLY MEAN: 10.54 MONTHLY MAX: 41.0

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

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JANUARY 2013

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|--|
| 1 | 7.0 | 6.0 | 6.0 | 7.0 | 4.0 | 4.0 | 5.0 | 6.0 | 7.0 | 9.0 | 9.0 | 9.0 | 7.0 | 7.0 | 6.0 | 5.0 | 6.0 | 6.0 | 7.0 | 6.0 | 7.0 | 8.0 | 11.0 | 13.0 | 24 | 13.0 | |
| 2 | 14.0 | 15.0 | 13.0 | 12.0 | 12.0 | 8.0 | 11.0 | 9.0 | 9.0 | 6.0 | 5.0 | 6.0 | 6.0 | 5.0 | 4.0 | 5.0 | 5.0 | 6.0 | 8.0 | 9.0 | 8.0 | 6.0 | 5.0 | 3.0 | 24 | 15.0 | |
| 3 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 6.0 | 6.0 | 8.0 | 6.0 | 6.0 | BF | BF | 3.0 | 6.0 | 10.0 | 9.0 | 13.0 | 21.0 | 23.0 | 22.0 | 19.0 | 19.0 | 21.0 | 22 | 23.0 | |
| 4 | 20.0 | 20.0 | 18.0 | 17.0 | 18.0 | 18.0 | 22.0 | 22.0 | 29.0 | 32.0 | 20.0 | 7.0 | 7.0 | 8.0 | 7.0 | 8.0 | 9.0 | 19.0 | 37.0 | 28.0 | 19.0 | 12.0 | 7.0 | 8.0 | 24 | 37.0 | |
| 5 | 12.0 | 15.0 | 23.0 | 13.0 | 9.0 | 18.0 | 27.0 | 26.0 | 27.0 | 23.0 | 8.0 | 7.0 | 6.0 | 7.0 | 8.0 | 8.0 | 7.0 | 12.0 | 22.0 | 30.0 | 33.0 | 31.0 | 21.0 | 14.0 | 24 | 33.0 | |
| 6 | 15.0 | 15.0 | 8.0 | 6.0 | 5.0 | 6.0 | 7.0 | 9.0 | 10.0 | 7.0 | 7.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 7.0 | 15.0 | 17.0 | 25.0 | 11.0 | 4.0 | 7.0 | 24 | 25.0 | |
| 7 | 8.0 | 9.0 | 16.0 | 24.0 | 29.0 | 18.0 | 20.0 | 24.0 | 23.0 | 14.0 | 6.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 7.0 | 20.0 | 35.0 | 33.0 | 32.0 | 31.0 | 30.0 | 24 | 35.0 | |
| 8 | 29.0 | 26.0 | 26.0 | 24.0 | 25.0 | 25.0 | 28.0 | 29.0 | 28.0 | 26.0 | 23.0 | 19.0 | 15.0 | 18.0 | 17.0 | 24.0 | 25.0 | 32.0 | 35.0 | 35.0 | 35.0 | 32.0 | 32.0 | 30.0 | 24 | 35.0 | |
| 9 | 32.0 | 30.0 | 28.0 | 26.0 | 24.0 | 23.0 | 22.0 | 24.0 | 27.0 | 31.0 | 18.0 | 22.0 | 25.0 | 23.0 | 11.0 | 15.0 | 17.0 | 22.0 | 36.0 | 38.0 | 38.0 | 37.0 | 35.0 | 34.0 | 24 | 38.0 | |
| 10 | 31.0 | 27.0 | 28.0 | 26.0 | 23.0 | 23.0 | 23.0 | 22.0 | 18.0 | 8.0 | 5.0 | 5.0 | 4.0 | 3.0 | 4.0 | 5.0 | 6.0 | 12.0 | 13.0 | 18.0 | 10.0 | 6.0 | 7.0 | 5.0 | 24 | 31.0 | |
| 11 | 5.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 6.0 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 6.0 | 8.0 | 14.0 | 15.0 | 17.0 | 16.0 | 17.0 | 19.0 | 15.0 | 14.0 | 15.0 | 24 | 19.0 | | |
| 12 | 16.0 | 15.0 | 14.0 | 12.0 | 10.0 | 10.0 | 10.0 | 10.0 | 8.0 | 8.0 | 6.0 | 6.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 5.0 | 8.0 | 11.0 | 11.0 | 13.0 | 16.0 | 16.0 | 24 | 16.0 | |
| 13 | 12.0 | 12.0 | 10.0 | 6.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 4.0 | 6.0 | 7.0 | 6.0 | 4.0 | 3.0 | 3.0 | 24 | 12.0 | |
| 14 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 8.0 | 10.0 | 7.0 | 5.0 | 5.0 | 5.0 | 7.0 | 8.0 | 8.0 | 13.0 | 18.0 | 17.0 | 15.0 | 13.0 | 14.0 | 9.0 | 7.0 | 24 | 18.0 | |
| 15 | 5.0 | 5.0 | 5.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 8.0 | 8.0 | BF | BF | 5.0 | 6.0 | 6.0 | 6.0 | 7.0 | 7.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 8.0 | 22 | 8.0 | |
| 16 | 8.0 | 7.0 | 5.0 | 5.0 | 5.0 | 7.0 | 9.0 | 11.0 | 11.0 | 10.0 | 12.0 | 11.0 | 7.0 | 9.0 | 10.0 | 11.0 | 12.0 | 13.0 | 15.0 | 14.0 | 13.0 | 14.0 | 14.0 | 14.0 | 24 | 15.0 | |
| 17 | 14.0 | 14.0 | 13.0 | 13.0 | 12.0 | 13.0 | 12.0 | 12.0 | 11.0 | 9.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 8.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 24 | 14.0 | |
| 18 | 4.0 | 10.0 | 15.0 | 12.0 | 11.0 | 19.0 | 24.0 | 26.0 | 13.0 | 11.0 | 7.0 | 4.0 | 3.0 | 3.0 | 4.0 | 5.0 | 5.0 | 9.0 | 20.0 | 29.0 | 28.0 | 24.0 | 22.0 | 20.0 | 24 | 29.0 | |
| 19 | 26.0 | 25.0 | 26.0 | 26.0 | 25.0 | 25.0 | 26.0 | 26.0 | 27.0 | 24.0 | 20.0 | 14.0 | 8.0 | 8.0 | 7.0 | 6.0 | 5.0 | 6.0 | 15.0 | 18.0 | 15.0 | 15.0 | 14.0 | 12.0 | 24 | 27.0 | |
| 20 | 10.0 | 8.0 | 9.0 | 14.0 | 12.0 | 18.0 | 15.0 | 18.0 | 16.0 | 9.0 | 10.0 | 12.0 | 7.0 | 6.0 | 5.0 | 4.0 | 4.0 | 7.0 | 16.0 | 20.0 | 27.0 | 20.0 | 24.0 | 28.0 | 24 | 28.0 | |
| 21 | 29.0 | 26.0 | 26.0 | 27.0 | 29.0 | 25.0 | 24.0 | 29.0 | 28.0 | 30.0 | 11.0 | 9.0 | 5.0 | 6.0 | 6.0 | 6.0 | 6.0 | 8.0 | 18.0 | 11.0 | 5.0 | 4.0 | 5.0 | 4.0 | 24 | 30.0 | |
| 22 | 3.0 | 4.0 | 5.0 | 5.0 | 4.0 | 4.0 | 7.0 | 14.0 | 13.0 | 6.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 4.0 | 5.0 | 7.0 | 16.0 | 20.0 | 26.0 | 22.0 | 17.0 | 19.0 | 24 | 26.0 | |
| 23 | 20.0 | 24.0 | 26.0 | 29.0 | 31.0 | 31.0 | 30.0 | 33.0 | 28.0 | 9.0 | 11.0 | 9.0 | 6.0 | 7.0 | 5.0 | 5.0 | 5.0 | 7.0 | 14.0 | 18.0 | 11.0 | 11.0 | 9.0 | 11.0 | 24 | 33.0 | |
| 24 | 11.0 | 10.0 | 8.0 | 7.0 | 7.0 | 16.0 | 21.0 | 26.0 | 14.0 | BF | BF | BF | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 6.0 | 7.0 | 7.0 | 7.0 | 8.0 | 7.0 | 6.0 | 21 | 26.0 | |
| 25 | 7.0 | 8.0 | 16.0 | 18.0 | 17.0 | 18.0 | 15.0 | 9.0 | 7.0 | 6.0 | 9.0 | 11.0 | 11.0 | 9.0 | 15.0 | 16.0 | 13.0 | 10.0 | 10.0 | 11.0 | 10.0 | 8.0 | 9.0 | 12.0 | 24 | 18.0 | |
| 26 | 18.0 | 19.0 | 19.0 | 18.0 | 15.0 | 17.0 | 16.0 | 18.0 | 15.0 | 10.0 | 10.0 | 8.0 | 7.0 | 8.0 | 8.0 | 8.0 | 10.0 | 17.0 | 25.0 | 23.0 | 22.0 | 19.0 | 21.0 | 18.0 | 24 | 25.0 | |
| 27 | 17.0 | 19.0 | 9.0 | 7.0 | 6.0 | 7.0 | 10.0 | 15.0 | 11.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 5.0 | 6.0 | 6.0 | 5.0 | 4.0 | 4.0 | 6.0 | 24 | 19.0 | |
| 28 | 7.0 | 6.0 | 6.0 | 6.0 | 6.0 | 10.0 | 13.0 | 16.0 | 16.0 | 15.0 | 15.0 | 15.0 | 15.0 | 16.0 | 19.0 | 13.0 | 11.0 | 12.0 | 11.0 | 9.0 | 7.0 | 6.0 | 4.0 | 4.0 | 24 | 19.0 | |
| 29 | 4.0 | 4.0 | 6.0 | 7.0 | 8.0 | 10.0 | 11.0 | 14.0 | 17.0 | 16.0 | 13.0 | 6.0 | 5.0 | 4.0 | 3.0 | 4.0 | 4.0 | 7.0 | 12.0 | 11.0 | 15.0 | 7.0 | 3.0 | 2.0 | 24 | 17.0 | |
| 30 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 24 | 3.0 | |
| 31 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 4.0 | 6.0 | 6.0 | 5.0 | 3.0 | 4.0 | 3.0 | 4.0 | 3.0 | 4.0 | 5.0 | 5.0 | 5.0 | 6.0 | 11.0 | 25.0 | 22.0 | 9.0 | 3.0 | 24 | 25.0 | |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 29 | 28 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | 32.0 | 30.0 | 28.0 | 29.0 | 31.0 | 31.0 | 30.0 | 33.0 | 29.0 | 32.0 | 23.0 | 22.0 | 25.0 | 23.0 | 19.0 | 24.0 | 25.0 | 32.0 | 37.0 | 38.0 | 38.0 | 37.0 | 35.0 | 34.0 | | | |
| AVG: | 12.65 | 12.61 | 12.77 | 12.35 | 11.81 | 12.71 | 14.23 | 15.65 | 15.10 | 12.06 | 9.21 | 7.75 | 6.52 | 6.42 | 6.48 | 7.13 | 7.52 | 10.19 | 14.97 | 16.39 | 16.35 | 14.06 | 12.48 | 12.23 | | | |

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 11.69 MONTHLY MAX: 38.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: FEBRUARY 2013

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-----|---------|--|
| 1 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 8.0 | 11.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 5.0 | 9.0 | 17.0 | 15.0 | 10.0 | 12.0 | 15.0 | 24 | 17.0 | |
| 2 | 13.0 | 13.0 | 12.0 | 10.0 | 13.0 | 8.0 | 8.0 | 8.0 | 6.0 | 4.0 | 5.0 | 4.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 5.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 24 | 13.0 | |
| 3 | 4.0 | 5.0 | 7.0 | 13.0 | 9.0 | 10.0 | 14.0 | 6.0 | 10.0 | 6.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 6.0 | 14.0 | 20.0 | 28.0 | 24 | 28.0 | |
| 4 | 26.0 | 29.0 | 21.0 | 13.0 | 20.0 | 27.0 | 31.0 | 32.0 | 33.0 | 31.0 | 20.0 | 12.0 | 9.0 | 8.0 | 6.0 | 5.0 | 7.0 | 8.0 | 7.0 | 10.0 | 10.0 | 12.0 | 9.0 | 8.0 | 24 | 33.0 | |
| 5 | 7.0 | 6.0 | 6.0 | 7.0 | 9.0 | 12.0 | 19.0 | 25.0 | 23.0 | 19.0 | 9.0 | 7.0 | 6.0 | BF | BF | BF | 9.0 | 10.0 | 9.0 | 10.0 | 15.0 | 19.0 | 30.0 | 32.0 | 21 | 32.0 | |
| 6 | 28.0 | 25.0 | 24.0 | 21.0 | 19.0 | 20.0 | 19.0 | 27.0 | 33.0 | 28.0 | 10.0 | 8.0 | 8.0 | 5.0 | 6.0 | 7.0 | 9.0 | 9.0 | 25.0 | 27.0 | 24.0 | 9.0 | 7.0 | 8.0 | 24 | 33.0 | |
| 7 | 5.0 | 4.0 | 7.0 | 10.0 | 14.0 | 12.0 | 16.0 | 18.0 | 13.0 | 7.0 | 6.0 | 7.0 | 7.0 | 7.0 | 13.0 | 15.0 | 16.0 | 13.0 | 13.0 | 12.0 | 11.0 | 11.0 | 8.0 | 7.0 | 24 | 18.0 | |
| 8 | 6.0 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 6.0 | 7.0 | BF | BF | BC | BC | BC | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 13.0 | 14.0 | 10.0 | 8.0 | 12.0 | 8.0 | 19 | 14.0 | |
| 9 | 6.0 | 11.0 | 10.0 | 10.0 | 23.0 | 27.0 | 26.0 | 28.0 | 19.0 | 10.0 | 6.0 | 4.0 | 5.0 | 6.0 | 5.0 | 4.0 | 5.0 | 7.0 | 15.0 | 28.0 | 37.0 | 35.0 | 36.0 | 32.0 | 24 | 37.0 | |
| 10 | 26.0 | 26.0 | 20.0 | 15.0 | 25.0 | 16.0 | 12.0 | 15.0 | 21.0 | 7.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 6.0 | 4.0 | 3.0 | 24 | 26.0 | |
| 11 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 6.0 | 5.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 3.0 | 4.0 | 5.0 | 6.0 | 6.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 24 | 6.0 | |
| 12 | 5.0 | 5.0 | 5.0 | 8.0 | 13.0 | 16.0 | 17.0 | 24.0 | 24.0 | 10.0 | 8.0 | 8.0 | 6.0 | 8.0 | 13.0 | 14.0 | 24.0 | 28.0 | 31.0 | 39.0 | 37.0 | 35.0 | 34.0 | 32.0 | 24 | 39.0 | |
| 13 | 30.0 | 25.0 | 23.0 | 27.0 | 22.0 | 12.0 | 7.0 | 10.0 | 6.0 | 6.0 | 5.0 | 4.0 | 4.0 | 5.0 | 8.0 | 6.0 | 5.0 | 7.0 | 7.0 | 19.0 | 12.0 | 5.0 | 10.0 | 17.0 | 24 | 30.0 | |
| 14 | 20.0 | 17.0 | 21.0 | 16.0 | 18.0 | 19.0 | 19.0 | 24.0 | 23.0 | 27.0 | 14.0 | 8.0 | 9.0 | 10.0 | 11.0 | 7.0 | 7.0 | 8.0 | 8.0 | 17.0 | 31.0 | 30.0 | 23.0 | 22.0 | 24 | 31.0 | |
| 15 | 23.0 | 23.0 | 24.0 | 21.0 | 22.0 | 21.0 | 18.0 | 19.0 | 26.0 | BF | BF | BF | 7.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 8.0 | 18.0 | 20.0 | 21.0 | 7.0 | 7.0 | 21 | 26.0 | |
| 16 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 2.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 6.0 | 4.0 | 4.0 | 4.0 | 6.0 | 4.0 | 10.0 | 13.0 | 7.0 | 8.0 | 24 | 13.0 | |
| 17 | 6.0 | 6.0 | 7.0 | 8.0 | 7.0 | 7.0 | 8.0 | 12.0 | 7.0 | 6.0 | 4.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 3.0 | 4.0 | 6.0 | 14.0 | 29.0 | 26.0 | 32.0 | 33.0 | 24 | 33.0 | |
| 18 | 32.0 | 30.0 | 31.0 | 30.0 | 29.0 | 31.0 | 27.0 | 28.0 | 29.0 | 24.0 | 10.0 | 7.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 7.0 | 11.0 | 9.0 | 5.0 | 4.0 | 4.0 | 24 | 32.0 | |
| 19 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 5.0 | 7.0 | 12.0 | 21.0 | 22.0 | 17.0 | 12.0 | 8.0 | 6.0 | 6.0 | 5.0 | 5.0 | 6.0 | 11.0 | 22.0 | 24.0 | 27.0 | 14.0 | 9.0 | 24 | 27.0 | |
| 20 | 13.0 | 9.0 | 6.0 | 9.0 | 9.0 | 16.0 | 30.0 | 38.0 | 35.0 | 23.0 | 15.0 | 13.0 | 8.0 | 6.0 | 6.0 | 7.0 | 7.0 | 10.0 | 14.0 | 25.0 | 37.0 | 27.0 | 13.0 | 9.0 | 24 | 38.0 | |
| 21 | 8.0 | 11.0 | 16.0 | 18.0 | 17.0 | 17.0 | 23.0 | 35.0 | 15.0 | 5.0 | 5.0 | 6.0 | 9.0 | 11.0 | 9.0 | 9.0 | 10.0 | 13.0 | 12.0 | 18.0 | 11.0 | 11.0 | 22.0 | 8.0 | 24 | 35.0 | |
| 22 | 8.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 4.0 | 6.0 | 6.0 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 10.0 | 7.0 | 8.0 | 7.0 | 7.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 24 | 10.0 | |
| 23 | 8.0 | 6.0 | 7.0 | 6.0 | 7.0 | 6.0 | 6.0 | 7.0 | 9.0 | 12.0 | 9.0 | 10.0 | 8.0 | 8.0 | 12.0 | 10.0 | 13.0 | 15.0 | 20.0 | 20.0 | 19.0 | 19.0 | 19.0 | 19.0 | 24 | 20.0 | |
| 24 | 18.0 | 15.0 | 10.0 | 11.0 | 7.0 | 7.0 | 6.0 | 6.0 | 5.0 | 6.0 | 4.0 | 3.0 | 3.0 | 4.0 | 5.0 | 4.0 | 5.0 | 5.0 | 9.0 | 22.0 | 30.0 | 10.0 | 7.0 | 12.0 | 24 | 30.0 | |
| 25 | 9.0 | 10.0 | 9.0 | 6.0 | 5.0 | 5.0 | 6.0 | 7.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 6.0 | 5.0 | 6.0 | 6.0 | 6.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 24 | 10.0 | |
| 26 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 5.0 | 5.0 | 6.0 | 8.0 | 7.0 | 5.0 | 10.0 | 18.0 | 16.0 | 16.0 | 21.0 | 22.0 | 23.0 | 23.0 | 15.0 | 7.0 | 24 | 23.0 | |
| 27 | 5.0 | 4.0 | 5.0 | 5.0 | 10.0 | 8.0 | 12.0 | 18.0 | 12.0 | 8.0 | 6.0 | 6.0 | BF | BF | BF | 6.0 | 5.0 | 5.0 | 7.0 | 15.0 | 14.0 | 8.0 | 5.0 | 6.0 | 21 | 18.0 | |
| 28 | 12.0 | 15.0 | 18.0 | 22.0 | 25.0 | 29.0 | 29.0 | 28.0 | 27.0 | 8.0 | 5.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 7.0 | 7.0 | 8.0 | 10.0 | 10.0 | 7.0 | 24 | 29.0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 27 | 26 | 26 | 26 | 26 | 26 | 26 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | | |
| MAX: | 32.0 | 30.0 | 31.0 | 30.0 | 29.0 | 31.0 | 31.0 | 38.0 | 35.0 | 31.0 | 20.0 | 13.0 | 9.0 | 11.0 | 13.0 | 18.0 | 24.0 | 28.0 | 31.0 | 39.0 | 37.0 | 35.0 | 36.0 | 33.0 | | | |
| AVG: | 12.00 | 11.43 | 11.14 | 11.04 | 12.29 | 12.43 | 13.82 | 16.68 | 15.78 | 11.31 | 7.31 | 6.19 | 5.58 | 5.23 | 6.42 | 6.30 | 7.18 | 8.04 | 10.61 | 14.75 | 16.50 | 14.82 | 13.36 | 12.86 | | | |

MONTHLY OBSERVATIONS: 658 MONTHLY MEAN: 11.03 MONTHLY MAX: 39.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MARCH 2013

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|------|-----|---------|------|
| 1 | 7.0 | 11.0 | 16.0 | 22.0 | 27.0 | 29.0 | 34.0 | 35.0 | 26.0 | 9.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 5.0 | 9.0 | 12.0 | 23.0 | 24.0 | 29.0 | 19.0 | 16.0 | 24 | 35.0 | |
| 2 | 20.0 | 18.0 | 16.0 | 10.0 | 8.0 | 8.0 | 9.0 | 5.0 | 4.0 | 8.0 | 7.0 | 4.0 | 4.0 | 7.0 | 7.0 | 7.0 | 6.0 | 6.0 | 13.0 | 24.0 | 13.0 | 5.0 | 6.0 | 5.0 | 24 | 24.0 | |
| 3 | 12.0 | 8.0 | 6.0 | 8.0 | 6.0 | 4.0 | 6.0 | 7.0 | 4.0 | 4.0 | 6.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.0 | 4.0 | 3.0 | 5.0 | 5.0 | 5.0 | 4.0 | 7.0 | 5.0 | 24 | 12.0 | |
| 4 | 12.0 | 18.0 | 21.0 | 17.0 | 28.0 | 29.0 | 36.0 | 38.0 | 25.0 | 8.0 | 5.0 | 5.0 | 6.0 | 4.0 | 5.0 | 7.0 | 6.0 | 8.0 | 11.0 | 21.0 | 32.0 | 31.0 | 19.0 | 17.0 | 24 | 38.0 | |
| 5 | 17.0 | 16.0 | 13.0 | 12.0 | 11.0 | 12.0 | 18.0 | 20.0 | 18.0 | 14.0 | 15.0 | 17.0 | 18.0 | 11.0 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 14 | 20.0 |
| 6 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 7 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 8 | 9.0 |
| 8 | 3.0 | 4.0 | 5.0 | 4.0 | 9.0 | 16.0 | 26.0 | 24.0 | 9.0 | 4.0 | 3.0 | 4.0 | 4.0 | 6.0 | 6.0 | 5.0 | 5.0 | 7.0 | 10.0 | 20.0 | 14.0 | 12.0 | 9.0 | 9.0 | 24 | 26.0 | |
| 9 | 8.0 | 6.0 | 11.0 | 10.0 | 8.0 | 10.0 | 11.0 | 17.0 | 8.0 | 6.0 | 4.0 | 4.0 | 4.0 | 5.0 | 7.0 | 6.0 | 6.0 | 6.0 | 10.0 | 18.0 | 19.0 | 16.0 | 23.0 | 31.0 | 24 | 31.0 | |
| 10 | 36.0 | 35.0 | 33.0 | 32.0 | 31.0 | 30.0 | 29.0 | 25.0 | 19.0 | 15.0 | 6.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 9.0 | 18.0 | 11.0 | 5.0 | 3.0 | 24 | 36.0 | |
| 11 | 3.0 | 3.0 | 5.0 | 9.0 | 11.0 | 19.0 | 15.0 | 11.0 | 11.0 | 12.0 | 8.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 24 | 19.0 | |
| 12 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 6.0 | 6.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 6.0 | 7.0 | 8.0 | 11.0 | 6.0 | 15.0 | 17.0 | 12.0 | 12.0 | 24 | 17.0 | |
| 13 | 11.0 | 18.0 | 21.0 | 19.0 | 29.0 | 29.0 | 33.0 | 31.0 | 26.0 | 9.0 | 4.0 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 24 | 33.0 | |
| 14 | 5.0 | 5.0 | 4.0 | 4.0 | 8.0 | 15.0 | 18.0 | 15.0 | 6.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 6.0 | 11.0 | 22.0 | 38.0 | 36.0 | 37.0 | 40.0 | 24 | 40.0 | |
| 15 | 39.0 | 36.0 | 35.0 | 35.0 | 32.0 | 33.0 | 35.0 | 35.0 | 30.0 | 17.0 | 9.0 | 6.0 | 4.0 | 4.0 | 4.0 | 4.0 | 6.0 | 6.0 | 8.0 | 17.0 | 11.0 | 11.0 | 12.0 | 9.0 | 24 | 39.0 | |
| 16 | 6.0 | 5.0 | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 7.0 | 6.0 | 6.0 | 5.0 | 24 | 7.0 | |
| 17 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 9.0 | 9.0 | 7.0 | 6.0 | 6.0 | 7.0 | 6.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 24 | 9.0 | |
| 18 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 6.0 | 8.0 | 6.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 | 8.0 | 8.0 | 7.0 | 9.0 | 12.0 | 24 | 12.0 | |
| 19 | 10.0 | 16.0 | 14.0 | 14.0 | 13.0 | 14.0 | 15.0 | 14.0 | 12.0 | 6.0 | 5.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 24 | 16.0 | |
| 20 | 5.0 | 4.0 | 5.0 | 20.0 | 7.0 | 8.0 | 18.0 | 12.0 | 7.0 | 5.0 | BF | BF | BF | 6.0 | 5.0 | 3.0 | 3.0 | 3.0 | 4.0 | 9.0 | 10.0 | 9.0 | 10.0 | 11.0 | 21 | 20.0 | |
| 21 | 4.0 | 2.0 | 3.0 | 4.0 | 6.0 | 8.0 | 14.0 | 13.0 | 5.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 5.0 | 8.0 | 10.0 | 10.0 | 5.0 | 4.0 | 24 | 14.0 | |
| 22 | 4.0 | 8.0 | 7.0 | 6.0 | 6.0 | 14.0 | 24.0 | 23.0 | BF | BF | BF | BC | BC | BC | BC | 4.0 | 5.0 | 4.0 | 6.0 | 12.0 | 13.0 | 11.0 | 12.0 | 8.0 | 17 | 24.0 | |
| 23 | 6.0 | 6.0 | 7.0 | 11.0 | 14.0 | 13.0 | 14.0 | 13.0 | 18.0 | 18.0 | 14.0 | 16.0 | 9.0 | 7.0 | 6.0 | 5.0 | 5.0 | 5.0 | 8.0 | 14.0 | 14.0 | 14.0 | 16.0 | 16.0 | 24 | 18.0 | |
| 24 | 9.0 | 11.0 | 16.0 | 13.0 | 9.0 | 5.0 | 4.0 | 3.0 | 4.0 | 3.0 | 4.0 | 4.0 | 5.0 | 6.0 | 6.0 | 7.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 24 | 16.0 | |
| 25 | 2.0 | 2.0 | 3.0 | 3.0 | 5.0 | 10.0 | 18.0 | 20.0 | 11.0 | 5.0 | 3.0 | 4.0 | 5.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 5.0 | 5.0 | 7.0 | 6.0 | 6.0 | 24 | 20.0 | |
| 26 | 6.0 | 8.0 | 8.0 | 8.0 | 11.0 | 16.0 | 24.0 | 22.0 | 16.0 | 5.0 | 4.0 | 5.0 | 4.0 | 4.0 | 3.0 | 4.0 | 5.0 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 8.0 | 6.0 | 24 | 24.0 | |
| 27 | 7.0 | 9.0 | 12.0 | 19.0 | 19.0 | 29.0 | 37.0 | 27.0 | 8.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 12.0 | 24.0 | 41.0 | 27.0 | 9.0 | 24 | 41.0 | |
| 28 | 12.0 | 12.0 | 6.0 | 6.0 | 9.0 | 17.0 | 37.0 | 33.0 | 10.0 | BF | BF | BF | BF | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 12.0 | 15.0 | 16.0 | 16.0 | 17.0 | 20 | 37.0 | |
| 29 | 23.0 | 25.0 | 32.0 | 35.0 | 37.0 | 34.0 | 39.0 | 37.0 | 33.0 | 16.0 | 9.0 | 10.0 | 8.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 7.0 | 8.0 | 8.0 | 6.0 | 8.0 | 7.0 | 24 | 39.0 | |
| 30 | 8.0 | 15.0 | 12.0 | 9.0 | 6.0 | 7.0 | 10.0 | 10.0 | 10.0 | 8.0 | 7.0 | 5.0 | 4.0 | 6.0 | 5.0 | 5.0 | 4.0 | 5.0 | 5.0 | 29.0 | 13.0 | 5.0 | 4.0 | 3.0 | 24 | 29.0 | |
| 31 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 24 | 4.0 | |
| NO.: | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 28 | 27 | 26 | 26 | 26 | 28 | 27 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | | |
| MAX: | 39.0 | 36.0 | 35.0 | 35.0 | 37.0 | 34.0 | 39.0 | 38.0 | 33.0 | 18.0 | 15.0 | 17.0 | 18.0 | 11.0 | 7.0 | 7.0 | 6.0 | 9.0 | 13.0 | 29.0 | 38.0 | 41.0 | 37.0 | 40.0 | | | |
| AVG: | 9.90 | 10.79 | 11.38 | 12.00 | 12.69 | 14.83 | 19.00 | 17.97 | 12.43 | 7.67 | 5.69 | 5.19 | 4.81 | 4.64 | 4.30 | 4.36 | 4.52 | 4.93 | 6.69 | 11.34 | 11.69 | 11.48 | 10.59 | 9.55 | | | |

MONTHLY OBSERVATIONS: 680 MONTHLY MEAN: 9.61 MONTHLY MAX: 41.0

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

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: APRIL 2013

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|------|-----|---------|--|
| 1 | 3.0 | 3.0 | 6.0 | 4.0 | 10.0 | 13.0 | 21.0 | 18.0 | 12.0 | 8.0 | 4.0 | 5.0 | 5.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 6.0 | 6.0 | 8.0 | 9.0 | 5.0 | 6.0 | 24 | 21.0 | |
| 2 | 8.0 | 10.0 | 5.0 | 6.0 | 6.0 | 10.0 | 18.0 | 12.0 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 6.0 | 16.0 | 14.0 | 9.0 | 6.0 | 5.0 | 24 | 18.0 | |
| 3 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 6.0 | 9.0 | 8.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.0 | 5.0 | 6.0 | 9.0 | 12.0 | 11.0 | 8.0 | 6.0 | 7.0 | 24 | 12.0 | |
| 4 | 5.0 | 6.0 | 5.0 | 4.0 | 4.0 | 4.0 | 6.0 | 7.0 | 6.0 | 4.0 | 4.0 | 5.0 | 7.0 | 8.0 | 9.0 | 10.0 | 8.0 | 11.0 | 10.0 | 9.0 | 8.0 | 6.0 | 5.0 | 5.0 | 24 | 11.0 | |
| 5 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 7.0 | 13.0 | 10.0 | 8.0 | 6.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 7.0 | 19.0 | 20.0 | 24.0 | 19.0 | 28.0 | 24 | 28.0 | |
| 6 | 32.0 | 35.0 | 33.0 | 26.0 | 27.0 | 27.0 | 27.0 | 14.0 | 7.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 8.0 | 19.0 | 24.0 | 10.0 | 5.0 | 3.0 | 24 | 35.0 | |
| 7 | 3.0 | 2.0 | 3.0 | 4.0 | 4.0 | 7.0 | 10.0 | 7.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 8.0 | 14.0 | 18.0 | 11.0 | 3.0 | 24 | 18.0 | |
| 8 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 | 8.0 | 13.0 | 13.0 | 10.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 5.0 | 5.0 | 8.0 | 8.0 | 10.0 | 8.0 | 5.0 | 24 | 13.0 | |
| 9 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 11.0 | 18.0 | 10.0 | 9.0 | 11.0 | 9.0 | BF | BF | BF | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 7.0 | 7.0 | 10.0 | 6.0 | 21 | 18.0 | |
| 10 | 5.0 | 4.0 | 4.0 | 3.0 | 4.0 | 7.0 | 11.0 | 11.0 | 6.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 6.0 | 6.0 | 7.0 | 5.0 | 3.0 | 24 | 11.0 | |
| 11 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 7.0 | BF | BF | BF | BC | BC | BC | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 2.0 | 2.0 | 2.0 | 1.0 | 18 | 7.0 | |
| 12 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 3.0 | 3.0 | 5.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 6.0 | 17.0 | 11.0 | 4.0 | 4.0 | 24 | 17.0 | |
| 13 | 4.0 | 4.0 | 13.0 | 24.0 | 23.0 | 18.0 | 18.0 | 11.0 | 5.0 | 4.0 | 5.0 | 6.0 | 5.0 | 5.0 | 4.0 | 3.0 | 2.0 | 3.0 | 6.0 | 10.0 | 26.0 | 26.0 | 31.0 | 29.0 | 24 | 31.0 | |
| 14 | 28.0 | 24.0 | 21.0 | 20.0 | 18.0 | 18.0 | 15.0 | 13.0 | 6.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 1.0 | 24 | 28.0 | |
| 15 | 2.0 | 2.0 | 1.0 | 2.0 | 4.0 | 6.0 | 9.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 9.0 | 7.0 | 8.0 | 8.0 | 6.0 | 7.0 | 7.0 | 6.0 | 24 | 9.0 | |
| 16 | 6.0 | 10.0 | 10.0 | 10.0 | 9.0 | 10.0 | 12.0 | 12.0 | 11.0 | 11.0 | 14.0 | 9.0 | 8.0 | 7.0 | 5.0 | 3.0 | 2.0 | 3.0 | 4.0 | 7.0 | 10.0 | 12.0 | 9.0 | 9.0 | 24 | 14.0 | |
| 17 | 5.0 | 4.0 | 3.0 | 4.0 | 5.0 | 9.0 | 16.0 | 17.0 | 13.0 | 10.0 | 16.0 | 9.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 9.0 | 11.0 | 17.0 | 28.0 | 21.0 | 19.0 | 13.0 | 24 | 28.0 | |
| 18 | 4.0 | 2.0 | 3.0 | 3.0 | 4.0 | 6.0 | 9.0 | 10.0 | 8.0 | 5.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | 24 | 10.0 | |
| 19 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 3.0 | BF | BF | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 3.0 | 4.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 22 | 4.0 | |
| 20 | 5.0 | 2.0 | 3.0 | 4.0 | 5.0 | 7.0 | 7.0 | 4.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 13.0 | 21.0 | 28.0 | 27.0 | 27.0 | 24 | 28.0 | |
| 21 | 25.0 | 17.0 | 11.0 | 10.0 | 7.0 | 6.0 | 5.0 | 6.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 24 | 25.0 | |
| 22 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 5.0 | 6.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 8.0 | 7.0 | 8.0 | 7.0 | 3.0 | 24 | 8.0 | |
| 23 | 3.0 | 4.0 | 5.0 | 4.0 | 3.0 | 5.0 | 5.0 | 3.0 | 4.0 | AZ | AZ | AZ | AZ | AZ | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 10.0 | 13.0 | 10.0 | 8.0 | 4.0 | 19 | 13.0 | |
| 24 | 2.0 | 3.0 | 4.0 | 3.0 | 4.0 | 7.0 | 7.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 3.0 | 3.0 | 23 | 7.0 | |
| 25 | 3.0 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 12.0 | 31.0 | 31.0 | 36.0 | 17.0 | 24 | 36.0 | |
| 26 | 7.0 | 7.0 | 5.0 | 4.0 | 6.0 | 14.0 | 16.0 | 12.0 | 7.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 5.0 | 17.0 | 21.0 | 37.0 | 33.0 | 19.0 | 24 | 37.0 | |
| 27 | 12.0 | 10.0 | 8.0 | 7.0 | 6.0 | 5.0 | 6.0 | 12.0 | 10.0 | 6.0 | 7.0 | 6.0 | 5.0 | 4.0 | 5.0 | 6.0 | 4.0 | 6.0 | 8.0 | 9.0 | 9.0 | 10.0 | 12.0 | 8.0 | 24 | 12.0 | |
| 28 | 5.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 3.0 | 3.0 | 6.0 | AV | AV | AV | AV | AV | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 19 | 6.0 | |
| 29 | 3.0 | 3.0 | 3.0 | 5.0 | 6.0 | 9.0 | 16.0 | 11.0 | 8.0 | 9.0 | 11.0 | 9.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 10.0 | 22.0 | 21.0 | 17.0 | 10.0 | 24 | 22.0 | |
| 30 | 11.0 | 8.0 | 6.0 | 4.0 | 4.0 | 4.0 | 7.0 | 5.0 | 4.0 | BF | BF | BF | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 4.0 | 4.0 | 5.0 | 3.0 | 21 | 11.0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 26 | 26 | 26 | 27 | 27 | 28 | 29 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | 32.0 | 35.0 | 33.0 | 26.0 | 27.0 | 27.0 | 27.0 | 18.0 | 13.0 | 11.0 | 16.0 | 9.0 | 8.0 | 8.0 | 9.0 | 10.0 | 9.0 | 11.0 | 11.0 | 19.0 | 31.0 | 37.0 | 36.0 | 29.0 | | | |
| AVG: | 6.73 | 6.37 | 6.07 | 6.07 | 6.37 | 8.23 | 10.67 | 8.93 | 6.28 | 5.31 | 5.12 | 4.27 | 3.67 | 3.67 | 3.39 | 3.52 | 3.72 | 4.24 | 5.28 | 8.83 | 11.87 | 11.77 | 10.40 | 7.90 | | | |

MONTHLY OBSERVATIONS: 695 MONTHLY MEAN: 6.69 MONTHLY MAX: 37.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: MAY 2013

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|---------|-----|
| 1 | 4.0 | 5.0 | 9.0 | 9.0 | 6.0 | 8.0 | 7.0 | 8.0 | 7.0 | 5.0 | 4.0 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 24 | 9.0 | |
| 2 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 2.0 | 3.0 | 2.0 | 24 | 5.0 |
| 3 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 3.0 | 5.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 5.0 | 6.0 | 3.0 | 1.0 | 1.0 | 24 | 6.0 | |
| 4 | 1.0 | 1.0 | 1.0 | 3.0 | 2.0 | 1.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 24 | 3.0 | |
| 5 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 24 | 2.0 | |
| 6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 5.0 | 5.0 | 5.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 7.0 | 11.0 | 5.0 | 6.0 | 6.0 | 24 | 11.0 | |
| 7 | 6.0 | 8.0 | 7.0 | 7.0 | 7.0 | 10.0 | 13.0 | 17.0 | 11.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 7.0 | 9.0 | 9.0 | 11.0 | 7.0 | 7.0 | 24 | 17.0 | |
| 8 | 7.0 | 7.0 | 7.0 | 5.0 | 6.0 | 8.0 | 9.0 | 9.0 | 15.0 | 11.0 | 7.0 | 3.0 | 3.0 | 4.0 | 8.0 | 6.0 | 4.0 | 4.0 | 5.0 | 5.0 | 8.0 | 14.0 | 16.0 | 14.0 | 24 | 16.0 | |
| 9 | 16.0 | 17.0 | 16.0 | 13.0 | 10.0 | 9.0 | 12.0 | 24.0 | 15.0 | BF | BF | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 5.0 | 10.0 | 15.0 | 22.0 | 25.0 | 20.0 | 22 | 25.0 | |
| 10 | 19.0 | 14.0 | 12.0 | 13.0 | 12.0 | 10.0 | 12.0 | 15.0 | 16.0 | 13.0 | 7.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 4.0 | 7.0 | 8.0 | 9.0 | 10.0 | 10.0 | 24 | 19.0 | |
| 11 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 5.0 | 7.0 | 7.0 | 24 | 7.0 | |
| 12 | 4.0 | 5.0 | 4.0 | 3.0 | 2.0 | 4.0 | 5.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 5.0 | 7.0 | 7.0 | 9.0 | 7.0 | 24 | 9.0 | |
| 13 | 6.0 | 6.0 | 4.0 | 5.0 | 7.0 | 13.0 | 17.0 | 13.0 | 5.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 5.0 | 7.0 | 7.0 | 4.0 | 7.0 | 24 | 17.0 | |
| 14 | 6.0 | 9.0 | 8.0 | 6.0 | 6.0 | 13.0 | 23.0 | 9.0 | 5.0 | 3.0 | 3.0 | 4.0 | 4.0 | BA | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 4.0 | 5.0 | 4.0 | 4.0 | 5.0 | 23 | 23.0 | |
| 15 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 10.0 | 11.0 | 12.0 | 9.0 | 8.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 6.0 | 7.0 | 8.0 | 7.0 | 5.0 | 24 | 12.0 | |
| 16 | 4.0 | 4.0 | 4.0 | 5.0 | 9.0 | 11.0 | 16.0 | 19.0 | 20.0 | 11.0 | 5.0 | 4.0 | 5.0 | 3.0 | 4.0 | 4.0 | 6.0 | 6.0 | 6.0 | 7.0 | 9.0 | 11.0 | 8.0 | 6.0 | 24 | 20.0 | |
| 17 | 10.0 | 10.0 | 7.0 | 7.0 | 8.0 | 14.0 | 13.0 | 13.0 | 13.0 | 14.0 | 13.0 | 9.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 8.0 | 12.0 | 14.0 | 19.0 | 21.0 | 24 | 21.0 | |
| 18 | 16.0 | 17.0 | 12.0 | 6.0 | 6.0 | 6.0 | 7.0 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 5.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 6.0 | 5.0 | 5.0 | 3.0 | 2.0 | 24 | 17.0 | |
| 19 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 24 | 4.0 | |
| 20 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 5.0 | 7.0 | 6.0 | 6.0 | 5.0 | 7.0 | 7.0 | 7.0 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 6.0 | 10.0 | 9.0 | 16.0 | 11.0 | 4.0 | 24 | 16.0 | |
| 21 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 7.0 | 6.0 | 6.0 | 6.0 | 7.0 | 6.0 | 5.0 | BF | BF | 4.0 | 6.0 | 8.0 | 8.0 | 7.0 | 4.0 | 7.0 | 7.0 | 6.0 | 5.0 | 22 | 8.0 | |
| 22 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 5.0 | 5.0 | 4.0 | 24 | 6.0 | |
| 23 | 4.0 | 8.0 | 7.0 | 6.0 | 6.0 | 6.0 | 6.0 | 13.0 | 14.0 | 16.0 | 9.0 | 6.0 | 5.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 10.0 | 9.0 | 8.0 | 10.0 | 24 | 16.0 | |
| 24 | 9.0 | 6.0 | 8.0 | 9.0 | 8.0 | 15.0 | 14.0 | 11.0 | 5.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 10.0 | 7.0 | 6.0 | 8.0 | 24 | 15.0 | |
| 25 | 12.0 | 14.0 | 11.0 | 10.0 | 8.0 | 8.0 | 13.0 | 12.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 9.0 | 16.0 | 22.0 | 8.0 | 24 | 22.0 | |
| 26 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 3.0 | 2.0 | 3.0 | 4.0 | 5.0 | 8.0 | 16.0 | 15.0 | 17.0 | 24 | 17.0 | |
| 27 | 14.0 | 12.0 | 11.0 | 12.0 | 9.0 | 6.0 | 9.0 | 7.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 5.0 | 8.0 | 5.0 | 4.0 | 3.0 | 24 | 14.0 | |
| 28 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 7.0 | 6.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 5.0 | 5.0 | 3.0 | 2.0 | 24 | 7.0 | |
| 29 | 2.0 | 3.0 | 3.0 | 3.0 | 5.0 | 9.0 | 12.0 | 7.0 | 5.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 4.0 | 8.0 | 12.0 | 7.0 | 4.0 | 24 | 12.0 | |
| 30 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 7.0 | 10.0 | 7.0 | 6.0 | 4.0 | 3.0 | 3.0 | BF | BF | 3.0 | 2.0 | 2.0 | 2.0 | 4.0 | 10.0 | 14.0 | 21.0 | 15.0 | 4.0 | 22 | 21.0 | |
| 31 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 6.0 | 6.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 9.0 | 20.0 | 16.0 | 3.0 | 2.0 | 24 | 20.0 | |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 29 | 28 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | 19.0 | 17.0 | 16.0 | 13.0 | 12.0 | 15.0 | 23.0 | 24.0 | 20.0 | 16.0 | 13.0 | 9.0 | 7.0 | 5.0 | 8.0 | 6.0 | 8.0 | 8.0 | 7.0 | 10.0 | 20.0 | 22.0 | 25.0 | 21.0 | | | |
| AVG: | 5.74 | 5.81 | 5.32 | 5.06 | 5.13 | 6.90 | 8.61 | 8.35 | 6.74 | 5.23 | 4.03 | 3.35 | 3.07 | 2.79 | 2.97 | 3.06 | 3.06 | 3.19 | 3.84 | 5.52 | 7.58 | 8.65 | 7.74 | 6.35 | | | |

MONTHLY OBSERVATIONS: 737 MONTHLY MEAN: 5.36 MONTHLY MAX: 25.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JUNE 2013

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|---------|------|
| 1 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 4.0 | 4.0 | 2.0 | 2.0 | 24 | 4.0 | |
| 2 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 6.0 | 8.0 | 10.0 | 3.0 | 4.0 | 3.0 | 24 | 10.0 | |
| 3 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 | 6.0 | 9.0 | 8.0 | 8.0 | 8.0 | 7.0 | 6.0 | 6.0 | 6.0 | 4.0 | 5.0 | 5.0 | 7.0 | 5.0 | 7.0 | 7.0 | 4.0 | 5.0 | 4.0 | 24 | 9.0 | |
| 4 | 4.0 | 5.0 | 7.0 | 5.0 | 4.0 | 7.0 | 8.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 7.0 | 8.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 24 | 8.0 | |
| 5 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 6.0 | 7.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 5.0 | 3.0 | 4.0 | 2.0 | 24 | 7.0 | |
| 6 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 3.0 | 4.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 6.0 | 3.0 | 3.0 | 4.0 | 6.0 | 5.0 | 24 | 6.0 | |
| 7 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 5.0 | 6.0 | 4.0 | 4.0 | 6.0 | 6.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 6.0 | 7.0 | 8.0 | 6.0 | 24 | 8.0 | |
| 8 | 6.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 4.0 | 5.0 | 5.0 | 6.0 | 7.0 | 6.0 | 5.0 | 5.0 | 4.0 | 3.0 | 2.0 | 2.0 | 3.0 | 4.0 | 6.0 | 8.0 | 7.0 | 8.0 | 24 | 8.0 | |
| 9 | 7.0 | 7.0 | 6.0 | 5.0 | 5.0 | 3.0 | 3.0 | 4.0 | 12.0 | 7.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 4.0 | 2.0 | 2.0 | 24 | 12.0 | |
| 10 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | AV | AV | AV | AV | AV | AV | AV | AV | 3.0 | 3.0 | 2.0 | 17 | 3.0 |
| 11 | 2.0 | 2.0 | 1.0 | 4.0 | 4.0 | 5.0 | 5.0 | 7.0 | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 7.0 | 10.0 | 14.0 | 21.0 | 25.0 | 24 | 25.0 | |
| 12 | 20.0 | 19.0 | 15.0 | 14.0 | 14.0 | 12.0 | 16.0 | 25.0 | 23.0 | BF | BF | BC | BC | BC | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 9 | 25.0 |
| 13 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 14 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 15 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 16 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 17 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 18 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 19 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 20 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | BC | BC | BC | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 5.0 | 8.0 | 6.0 | 5.0 | 9 | 8.0 |
| 21 | 3.0 | 3.0 | 5.0 | 3.0 | 4.0 | 6.0 | 8.0 | 7.0 | 6.0 | 5.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 5.0 | 6.0 | 9.0 | 9.0 | 12.0 | 24 | 12.0 | |
| 22 | 10.0 | 9.0 | 11.0 | 8.0 | 7.0 | 8.0 | 7.0 | 6.0 | 5.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 5.0 | 10.0 | 11.0 | 7.0 | 24 | 11.0 | |
| 23 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 24 | 6.0 | |
| 24 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.0 | 6.0 | 5.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 4.0 | 3.0 | 4.0 | 24 | 6.0 | |
| 25 | 6.0 | 4.0 | 4.0 | 3.0 | 4.0 | 5.0 | 6.0 | 5.0 | 5.0 | 8.0 | 7.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 4.0 | 4.0 | 5.0 | 24 | 8.0 | |
| 26 | 5.0 | 5.0 | 4.0 | 4.0 | 5.0 | 5.0 | 7.0 | 10.0 | 5.0 | 7.0 | 10.0 | 9.0 | 9.0 | 4.0 | 3.0 | 3.0 | 3.0 | 5.0 | 8.0 | 6.0 | 5.0 | 6.0 | 5.0 | 3.0 | 24 | 10.0 | |
| 27 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 5.0 | 7.0 | 11.0 | 13.0 | 9.0 | 7.0 | 7.0 | 24 | 13.0 | |
| 28 | 7.0 | 7.0 | 7.0 | 7.0 | 9.0 | 9.0 | 9.0 | 11.0 | 11.0 | 10.0 | 6.0 | 4.0 | 3.0 | 4.0 | 5.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 5.0 | 24 | 11.0 | |
| 29 | 5.0 | 6.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 24 | 6.0 | |
| 30 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 4.0 | 24 | 4.0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 | 20 | 21 | 21 | 21 | 21 | 21 | 21 | 22 | 22 | 22 | | | |
| MAX: | 20.0 | 19.0 | 15.0 | 14.0 | 14.0 | 12.0 | 16.0 | 25.0 | 23.0 | 10.0 | 10.0 | 9.0 | 9.0 | 6.0 | 5.0 | 5.0 | 5.0 | 7.0 | 8.0 | 11.0 | 13.0 | 14.0 | 21.0 | 25.0 | | | |
| AVG: | 4.77 | 4.59 | 4.36 | 4.23 | 4.36 | 4.86 | 5.77 | 6.27 | 5.95 | 4.81 | 4.10 | 3.52 | 3.24 | 3.05 | 3.05 | 2.76 | 2.76 | 3.24 | 3.86 | 4.81 | 5.43 | 5.45 | 5.64 | 5.45 | | | |

MONTHLY OBSERVATIONS: 515 MONTHLY MEAN: 4.45 MONTHLY MAX: 25.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: JULY 2013

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|---------|-----|
| 1 | 5.0 | 5.0 | 3.0 | 2.0 | 2.0 | 3.0 | 5.0 | BF | BF | BC | BC | BC | BC | BC | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 1.0 | 1.0 | 1.0 | 17 | 5.0 | |
| 2 | 1.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 24 | 3.0 | |
| 3 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 24 | 4.0 | |
| 4 | 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 | AV | AV | AV | AV | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 20 | 3.0 | |
| 5 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 2.0 | 24 | 6.0 | |
| 6 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 1.0 | 2.0 | 2.0 | 2.0 | 24 | 3.0 | |
| 7 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 24 | 4.0 | |
| 8 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 5.0 | 7.0 | 7.0 | 7.0 | 5.0 | 8.0 | 8.0 | 8.0 | 7.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 5.0 | 5.0 | 24 | 8.0 | |
| 9 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 24 | 6.0 | |
| 10 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 7.0 | BF | BF | BF | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | 7 | 7.0 |
| 11 | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | BA | 0 | |
| 12 | BA | BA | BA | BA | BA | BA | BA | BC | BC | BC | BC | BC | 3.0 | 3.0 | 5.0 | 4.0 | 2.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 2.0 | 12 | 5.0 | |
| 13 | 3.0 | 3.0 | 4.0 | 3.0 | 2.0 | 2.0 | 4.0 | 3.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 3.0 | 3.0 | 3.0 | 1.0 | 24 | 6.0 | |
| 14 | 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 | 2.0 | 1.0 | 2.0 | 1.0 | 3.0 | 3.0 | 4.0 | 4.0 | 3.0 | 24 | 4.0 | |
| 15 | 2.0 | 2.0 | 3.0 | 5.0 | 5.0 | 6.0 | 5.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 4.0 | 8.0 | 9.0 | 10.0 | 11.0 | 24 | 11.0 | |
| 16 | 9.0 | 9.0 | 7.0 | 7.0 | 8.0 | 9.0 | 10.0 | 16.0 | 11.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 6.0 | 10.0 | 12.0 | 23.0 | 25.0 | 22.0 | 24 | 25.0 | |
| 17 | 24.0 | 24.0 | 15.0 | 12.0 | 12.0 | 14.0 | 14.0 | AZ | AZ | AZ | AZ | 7.0 | 4.0 | 3.0 | 5.0 | 5.0 | 6.0 | 11.0 | 11.0 | 10.0 | 11.0 | 11.0 | 12.0 | 10.0 | 20 | 24.0 | |
| 18 | 9.0 | 13.0 | 10.0 | 7.0 | 7.0 | 7.0 | 12.0 | 10.0 | 8.0 | 9.0 | 9.0 | 7.0 | 5.0 | 4.0 | 8.0 | 9.0 | 7.0 | 4.0 | 4.0 | 7.0 | 11.0 | 15.0 | 15.0 | 13.0 | 24 | 15.0 | |
| 19 | 11.0 | 9.0 | 5.0 | 4.0 | 4.0 | 5.0 | 6.0 | 6.0 | 6.0 | 5.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 6.0 | 8.0 | 7.0 | 4.0 | 24 | 11.0 | |
| 20 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 13.0 | 12.0 | 4.0 | 4.0 | 24 | 13.0 | |
| 21 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 7.0 | 7.0 | 6.0 | 5.0 | 4.0 | 24 | 7.0 | |
| 22 | 8.0 | 4.0 | 4.0 | 5.0 | 6.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 24 | 8.0 | |
| 23 | 2.0 | 2.0 | 2.0 | 5.0 | 8.0 | 6.0 | 5.0 | 5.0 | 6.0 | 8.0 | 7.0 | 4.0 | 3.0 | 2.0 | 4.0 | 3.0 | 5.0 | 4.0 | 4.0 | 9.0 | 6.0 | 6.0 | 5.0 | 3.0 | 24 | 9.0 | |
| 24 | 3.0 | 3.0 | 5.0 | 6.0 | 9.0 | 11.0 | 15.0 | BF | BF | BF | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 8.0 | 5.0 | 5.0 | 2.0 | 21 | 15.0 | |
| 25 | 2.0 | 3.0 | 5.0 | 6.0 | 5.0 | 4.0 | 7.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 7.0 | 5.0 | 4.0 | 24 | 7.0 | |
| 26 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 8.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 5.0 | 7.0 | 11.0 | 12.0 | 7.0 | 24 | 12.0 | |
| 27 | 4.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 3.0 | 4.0 | 5.0 | 3.0 | 3.0 | 3.0 | 24 | 5.0 | |
| 28 | 3.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 9.0 | 8.0 | 9.0 | 9.0 | 24 | 9.0 | |
| 29 | 10.0 | 10.0 | 10.0 | 13.0 | 9.0 | 8.0 | 10.0 | 8.0 | 7.0 | 5.0 | 2.0 | 2.0 | 2.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 8.0 | 10.0 | 8.0 | 7.0 | 6.0 | 24 | 13.0 | |
| 30 | 5.0 | 7.0 | 9.0 | 9.0 | 9.0 | 12.0 | 11.0 | 6.0 | 4.0 | 3.0 | 2.0 | 3.0 | 2.0 | BA | 2.0 | 3.0 | 3.0 | 3.0 | 5.0 | 7.0 | 9.0 | 15.0 | 12.0 | 9.0 | 23 | 15.0 | |
| 31 | 9.0 | 8.0 | 7.0 | 6.0 | 7.0 | 10.0 | 10.0 | 14.0 | 9.0 | 6.0 | 5.0 | 4.0 | 5.0 | 4.0 | 3.0 | 2.0 | 4.0 | 6.0 | 6.0 | 5.0 | 3.0 | 2.0 | 2.0 | 2.0 | 24 | 14.0 | |
| NO.: | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 25 | 25 | 25 | 26 | 27 | 28 | 27 | 29 | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | | |
| MAX: | 24.0 | 24.0 | 15.0 | 13.0 | 12.0 | 14.0 | 15.0 | 16.0 | 11.0 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 7.0 | 11.0 | 11.0 | 10.0 | 13.0 | 23.0 | 25.0 | 22.0 | | | |
| AVG: | 4.76 | 4.55 | 4.10 | 4.03 | 4.24 | 4.66 | 5.69 | 4.80 | 4.00 | 3.56 | 3.00 | 2.93 | 2.68 | 2.63 | 2.93 | 2.96 | 2.96 | 3.11 | 3.50 | 4.90 | 5.86 | 6.52 | 6.21 | 5.00 | | | |

MONTHLY OBSERVATIONS: 672 MONTHLY MEAN: 4.17 MONTHLY MAX: 25.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality
 MONITOR TYPE: SLAMS

REPORT FOR: AUGUST 2013

DURATION: 1 HOUR

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

UNITS: Parts per billion

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|---------|--|
| 1 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 5.0 | 8.0 | 7.0 | 6.0 | 8.0 | 9.0 | 6.0 | 5.0 | 6.0 | 11.0 | 12.0 | 6.0 | 5.0 | 8.0 | 7.0 | 6.0 | 8.0 | 7.0 | 24 | 12.0 | |
| 2 | 7.0 | 6.0 | 5.0 | 5.0 | 10.0 | 12.0 | 11.0 | 7.0 | 5.0 | 4.0 | 3.0 | 2.0 | 3.0 | 3.0 | 2.0 | 3.0 | 4.0 | 4.0 | 8.0 | 10.0 | 15.0 | 16.0 | 17.0 | 16.0 | 24 | 17.0 | |
| 3 | 13.0 | 9.0 | 6.0 | 5.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 6.0 | 4.0 | 11.0 | 10.0 | 9.0 | 7.0 | 8.0 | 11.0 | 24 | 13.0 | |
| 4 | 12.0 | 10.0 | 9.0 | 7.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 7.0 | 12.0 | 17.0 | 14.0 | 10.0 | 24 | 17.0 | |
| 5 | 7.0 | 6.0 | 5.0 | 5.0 | 8.0 | 9.0 | 15.0 | BA | BA | BF | BF | BF | BF | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 6.0 | 5.0 | 3.0 | 3.0 | 2.0 | 18 | 15.0 | |
| 6 | 1.0 | 1.0 | 2.0 | 3.0 | 3.0 | 12.0 | 12.0 | 7.0 | 6.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 24 | 12.0 | |
| 7 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 6.0 | 5.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 4.0 | 7.0 | 8.0 | 9.0 | 10.0 | 9.0 | 24 | 10.0 | |
| 8 | 4.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 5.0 | 5.0 | 3.0 | 5.0 | 6.0 | 8.0 | 8.0 | 9.0 | 24 | 9.0 | |
| 9 | 8.0 | 6.0 | 4.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 6.0 | 7.0 | 11.0 | 9.0 | 8.0 | 8.0 | 24 | 11.0 | |
| 10 | 6.0 | 6.0 | 5.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 7.0 | 10.0 | 14.0 | 14.0 | 15.0 | 10.0 | 24 | 15.0 | |
| 11 | 12.0 | 12.0 | 9.0 | 8.0 | 8.0 | 8.0 | 7.0 | 8.0 | 7.0 | 3.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 9.0 | 16.0 | 18.0 | 12.0 | 8.0 | 24 | 18.0 | |
| 12 | 8.0 | 9.0 | 9.0 | 8.0 | 11.0 | 10.0 | 9.0 | 13.0 | 11.0 | 6.0 | 6.0 | 5.0 | 4.0 | 4.0 | 4.0 | 5.0 | 3.0 | 3.0 | 6.0 | 7.0 | 9.0 | 11.0 | 13.0 | 12.0 | 24 | 13.0 | |
| 13 | 7.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | BF | BF | BF | BF | 3.0 | 5.0 | 5.0 | 4.0 | 4.0 | 3.0 | 5.0 | 4.0 | 4.0 | 9.0 | 9.0 | 11.0 | 10.0 | 20 | 11.0 | |
| 14 | 8.0 | 9.0 | 8.0 | 3.0 | 4.0 | 6.0 | 7.0 | 8.0 | 6.0 | 5.0 | 4.0 | 4.0 | 3.0 | 4.0 | 5.0 | 3.0 | 4.0 | 3.0 | 4.0 | 7.0 | 6.0 | 4.0 | 5.0 | 3.0 | 24 | 9.0 | |
| 15 | 2.0 | 4.0 | 8.0 | 5.0 | 4.0 | 5.0 | 7.0 | 7.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 5.0 | 4.0 | 2.0 | 2.0 | 4.0 | 6.0 | 8.0 | 7.0 | 8.0 | 4.0 | 24 | 8.0 | |
| 16 | 5.0 | 9.0 | 6.0 | 7.0 | 8.0 | 10.0 | 12.0 | 13.0 | 9.0 | 6.0 | 4.0 | 4.0 | 6.0 | 5.0 | 5.0 | 3.0 | 2.0 | 3.0 | 3.0 | 6.0 | 8.0 | 9.0 | 5.0 | 5.0 | 24 | 13.0 | |
| 17 | 5.0 | 4.0 | 4.0 | 8.0 | 5.0 | 3.0 | 4.0 | 5.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 3.0 | 4.0 | 6.0 | 7.0 | 6.0 | 5.0 | 6.0 | 8.0 | 6.0 | 5.0 | 3.0 | 24 | 8.0 | |
| 18 | 4.0 | 5.0 | 6.0 | 5.0 | 4.0 | 6.0 | 6.0 | 6.0 | 4.0 | 4.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 7.0 | 8.0 | 6.0 | 5.0 | 4.0 | 24 | 8.0 | |
| 19 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 5.0 | 4.0 | 6.0 | 4.0 | 5.0 | 8.0 | 9.0 | 5.0 | 8.0 | 4.0 | 2.0 | 2.0 | 2.0 | 3.0 | 7.0 | 5.0 | 5.0 | 7.0 | 6.0 | 24 | 9.0 | |
| 20 | 7.0 | 5.0 | 4.0 | 5.0 | 4.0 | 3.0 | 5.0 | 11.0 | 10.0 | 3.0 | 4.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 8.0 | 9.0 | 9.0 | 8.0 | 7.0 | 24 | 11.0 | |
| 21 | 5.0 | 8.0 | 6.0 | 5.0 | 6.0 | 6.0 | 5.0 | 6.0 | 4.0 | 4.0 | AV | AV | AV | 7.0 | 7.0 | 6.0 | 8.0 | 9.0 | 11.0 | 12.0 | 14.0 | 11.0 | 7.0 | 6.0 | 21 | 14.0 | |
| 22 | 11.0 | 8.0 | 6.0 | 6.0 | 5.0 | 8.0 | 9.0 | 6.0 | 10.0 | 6.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 4.0 | 5.0 | 5.0 | 7.0 | 10.0 | 11.0 | 11.0 | 6.0 | 24 | 11.0 | |
| 23 | 4.0 | 4.0 | 5.0 | 7.0 | 6.0 | 9.0 | 9.0 | BF | BF | BF | 8.0 | 4.0 | 3.0 | 3.0 | 5.0 | 6.0 | 10.0 | 12.0 | 15.0 | 10.0 | 14.0 | 18.0 | 8.0 | 3.0 | 21 | 18.0 | |
| 24 | 4.0 | 3.0 | 2.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 8.0 | 15.0 | 18.0 | 20.0 | 13.0 | 24 | 20.0 | |
| 25 | 10.0 | 9.0 | 9.0 | 7.0 | 6.0 | 7.0 | 10.0 | 5.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 5.0 | 8.0 | 8.0 | 9.0 | 13.0 | 24 | 13.0 | |
| 26 | 13.0 | 11.0 | 10.0 | 10.0 | 9.0 | 8.0 | 7.0 | 17.0 | 18.0 | 10.0 | 9.0 | 9.0 | 7.0 | 6.0 | 4.0 | 4.0 | 4.0 | 4.0 | 8.0 | 14.0 | 12.0 | 11.0 | 9.0 | 8.0 | 24 | 18.0 | |
| 27 | 8.0 | 7.0 | 6.0 | 4.0 | 6.0 | 9.0 | 12.0 | 17.0 | 17.0 | 13.0 | 7.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 5.0 | 6.0 | 13.0 | 17.0 | 17.0 | 10.0 | 7.0 | 24 | 17.0 | |
| 28 | 9.0 | 12.0 | 10.0 | 11.0 | 14.0 | 15.0 | 15.0 | BF | BF | BC | BC | BC | BC | BC | 8.0 | 3.0 | 4.0 | 3.0 | 4.0 | 5.0 | 6.0 | 6.0 | 6.0 | 6.0 | 17 | 15.0 | |
| 29 | 9.0 | 12.0 | 10.0 | 14.0 | 9.0 | 10.0 | 17.0 | 19.0 | 14.0 | 8.0 | 5.0 | 4.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 24 | 19.0 | |
| 30 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 5.0 | 7.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 8.0 | 10.0 | 9.0 | 4.0 | 4.0 | 24 | 10.0 | |
| 31 | 5.0 | 6.0 | 6.0 | 6.0 | 5.0 | 6.0 | 7.0 | 7.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 11.0 | 9.0 | 8.0 | 10.0 | 8.0 | 9.0 | 24 | 11.0 | |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 27 | 27 | 27 | 27 | 28 | 28 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | 13.0 | 12.0 | 10.0 | 14.0 | 14.0 | 15.0 | 17.0 | 19.0 | 18.0 | 13.0 | 9.0 | 9.0 | 7.0 | 8.0 | 8.0 | 11.0 | 12.0 | 12.0 | 15.0 | 14.0 | 17.0 | 18.0 | 20.0 | 16.0 | | | |
| AVG: | 6.58 | 6.32 | 5.68 | 5.45 | 5.45 | 6.65 | 7.77 | 7.89 | 6.63 | 4.59 | 4.41 | 3.93 | 3.43 | 3.37 | 3.55 | 3.35 | 3.81 | 3.84 | 5.45 | 7.55 | 9.48 | 9.61 | 8.61 | 7.23 | | | |

MONTHLY OBSERVATIONS: 721 MONTHLY MEAN: 5.88 MONTHLY MAX: 20.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: SEPTEMBER 2013

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|------|------|------|------|------|------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|------|---------|--|
| 1 | 9.0 | 8.0 | 8.0 | 7.0 | 6.0 | 5.0 | 5.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 3.0 | 6.0 | 7.0 | 9.0 | 9.0 | 11.0 | 24 | 11.0 | |
| 2 | 9.0 | 5.0 | 4.0 | 4.0 | 3.0 | 4.0 | 5.0 | 5.0 | 5.0 | 10.0 | 11.0 | 11.0 | 8.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 7.0 | 8.0 | 12.0 | 11.0 | 8.0 | 8.0 | 24 | 12.0 | |
| 3 | 7.0 | 6.0 | 5.0 | 4.0 | 5.0 | 7.0 | 10.0 | 9.0 | BF | BF | BF | 7.0 | 4.0 | 4.0 | 6.0 | 4.0 | 3.0 | 4.0 | 5.0 | 9.0 | 21.0 | 30.0 | 27.0 | 22.0 | 21 | 30.0 | |
| 4 | 7.0 | 6.0 | 4.0 | 5.0 | 6.0 | 10.0 | 13.0 | 11.0 | 10.0 | 6.0 | 5.0 | 5.0 | 4.0 | 4.0 | 4.0 | 6.0 | 6.0 | 8.0 | 21.0 | 19.0 | 26.0 | 24.0 | 24.0 | 28.0 | 24 | 28.0 | |
| 5 | 25.0 | 17.0 | 17.0 | 13.0 | 16.0 | 13.0 | 15.0 | 17.0 | 13.0 | 12.0 | 9.0 | 7.0 | 8.0 | 6.0 | 5.0 | 4.0 | 5.0 | 5.0 | 9.0 | 21.0 | 31.0 | 38.0 | 30.0 | 29.0 | 24 | 38.0 | |
| 6 | 12.0 | 7.0 | 6.0 | 6.0 | 8.0 | 8.0 | 11.0 | 7.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 7.0 | 12.0 | 12.0 | 11.0 | 6.0 | 3.0 | 24 | 12.0 | |
| 7 | 3.0 | 4.0 | 7.0 | 6.0 | 7.0 | 8.0 | 8.0 | 6.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 6.0 | 5.0 | 4.0 | 5.0 | 6.0 | 10.0 | 17.0 | 20.0 | 21.0 | 18.0 | 24 | 21.0 | | |
| 8 | 16.0 | 12.0 | 10.0 | 11.0 | 10.0 | 9.0 | 9.0 | 10.0 | 10.0 | 8.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 7.0 | 13.0 | 25.0 | 31.0 | 26.0 | 22.0 | 24 | 31.0 | |
| 9 | 23.0 | 27.0 | 20.0 | 18.0 | 15.0 | 15.0 | 20.0 | 19.0 | 13.0 | 13.0 | 4.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 18.0 | 24.0 | 13.0 | 13.0 | 13.0 | 24 | 27.0 | |
| 10 | 7.0 | 5.0 | 5.0 | 5.0 | 8.0 | 7.0 | 7.0 | 17.0 | 15.0 | 12.0 | 9.0 | 5.0 | 4.0 | 5.0 | 3.0 | 3.0 | 3.0 | 4.0 | 7.0 | 11.0 | 11.0 | 7.0 | 7.0 | 8.0 | 24 | 17.0 | |
| 11 | 7.0 | 6.0 | 6.0 | 6.0 | 6.0 | 9.0 | 12.0 | 18.0 | 14.0 | 10.0 | 6.0 | 4.0 | 4.0 | 3.0 | 3.0 | 6.0 | 12.0 | 7.0 | 6.0 | 11.0 | 14.0 | 14.0 | 13.0 | 12.0 | 24 | 18.0 | |
| 12 | 12.0 | 10.0 | 9.0 | 7.0 | 6.0 | 8.0 | 12.0 | 18.0 | BF | BF | 7.0 | 5.0 | 5.0 | 5.0 | 4.0 | 3.0 | 5.0 | 7.0 | 9.0 | 9.0 | 15.0 | 23.0 | 17.0 | 27.0 | 22 | 27.0 | |
| 13 | 20.0 | 15.0 | 17.0 | 13.0 | 15.0 | 18.0 | 17.0 | 10.0 | 12.0 | 8.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 5.0 | 7.0 | 5.0 | 5.0 | 7.0 | 5.0 | 5.0 | 3.0 | 24 | 20.0 | |
| 14 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 7.0 | 12.0 | 7.0 | 6.0 | 6.0 | 5.0 | 24 | 12.0 | |
| 15 | 4.0 | 5.0 | 7.0 | 9.0 | 5.0 | 4.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 15.0 | 14.0 | 19.0 | 20.0 | 16.0 | 24 | 20.0 | |
| 16 | 13.0 | 7.0 | 3.0 | 3.0 | 3.0 | 7.0 | 15.0 | 16.0 | 13.0 | 11.0 | 9.0 | 5.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 8.0 | 12.0 | 7.0 | 8.0 | 6.0 | 5.0 | 5.0 | 24 | 16.0 | |
| 17 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 5.0 | 7.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 7.0 | 10.0 | 6.0 | 4.0 | 4.0 | 24 | 10.0 | |
| 18 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 6.0 | 7.0 | 7.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 6.0 | 7.0 | 8.0 | 5.0 | 9.0 | 11.0 | 9.0 | 24 | 11.0 | |
| 19 | 10.0 | 6.0 | 5.0 | 6.0 | 5.0 | 9.0 | 15.0 | 16.0 | 13.0 | 11.0 | 9.0 | 9.0 | 11.0 | 11.0 | 9.0 | 9.0 | 8.0 | 8.0 | 11.0 | 13.0 | 17.0 | 26.0 | 21.0 | 16.0 | 24 | 26.0 | |
| 20 | 13.0 | 6.0 | 5.0 | 5.0 | 5.0 | 8.0 | 16.0 | 18.0 | 14.0 | 23.0 | 25.0 | 21.0 | 15.0 | 11.0 | 7.0 | 4.0 | 4.0 | 5.0 | 8.0 | 12.0 | 10.0 | 8.0 | 8.0 | 9.0 | 24 | 25.0 | |
| 21 | 7.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 8.0 | 10.0 | 6.0 | 4.0 | 3.0 | 2.0 | 24 | 10.0 | |
| 22 | 2.0 | 2.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 8.0 | 15.0 | 23.0 | 19.0 | 16.0 | 14.0 | 24 | 23.0 | |
| 23 | 5.0 | 3.0 | 4.0 | 4.0 | 5.0 | 11.0 | 13.0 | 7.0 | 4.0 | BF | BF | 2.0 | 2.0 | 3.0 | 4.0 | 6.0 | 6.0 | 8.0 | 12.0 | 25.0 | 24.0 | 20.0 | 16.0 | 10.0 | 22 | 25.0 | |
| 24 | 7.0 | 5.0 | 4.0 | 3.0 | 4.0 | 6.0 | 8.0 | 10.0 | 12.0 | 8.0 | 5.0 | 4.0 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 5.0 | 9.0 | 26.0 | 24.0 | 17.0 | 10.0 | 12.0 | 24 | 26.0 | |
| 25 | 10.0 | 8.0 | 5.0 | 5.0 | 5.0 | 5.0 | 7.0 | 10.0 | 12.0 | 14.0 | 10.0 | 9.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 7.0 | 7.0 | 10.0 | 14.0 | 9.0 | 7.0 | 24 | 14.0 | |
| 26 | 6.0 | 8.0 | 10.0 | 6.0 | 6.0 | 12.0 | 14.0 | 11.0 | 10.0 | 9.0 | 6.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 5.0 | 7.0 | 13.0 | 20.0 | 16.0 | 13.0 | 15.0 | 19.0 | 24 | 20.0 | |
| 27 | 15.0 | 12.0 | 13.0 | 12.0 | 10.0 | 11.0 | 18.0 | 15.0 | 10.0 | 5.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 13.0 | 13.0 | 13.0 | 10.0 | 8.0 | 24 | 18.0 | |
| 28 | 8.0 | 10.0 | 11.0 | 12.0 | 9.0 | 14.0 | 14.0 | 10.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 3.0 | 5.0 | 9.0 | 9.0 | 10.0 | 9.0 | 12.0 | 10.0 | 24 | 14.0 | |
| 29 | 6.0 | 5.0 | 5.0 | 4.0 | 5.0 | 6.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 5.0 | 7.0 | 16.0 | 13.0 | 17.0 | 19.0 | 18.0 | 24 | 19.0 | |
| 30 | 16.0 | 13.0 | 12.0 | 10.0 | 9.0 | 12.0 | 15.0 | 18.0 | 15.0 | 12.0 | 6.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 8.0 | 11.0 | 26.0 | 25.0 | 21.0 | 21.0 | 14.0 | 24 | 26.0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 28 | 27 | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | 25.0 | 27.0 | 20.0 | 18.0 | 16.0 | 18.0 | 20.0 | 19.0 | 15.0 | 23.0 | 25.0 | 21.0 | 15.0 | 11.0 | 9.0 | 9.0 | 12.0 | 8.0 | 13.0 | 26.0 | 31.0 | 38.0 | 30.0 | 29.0 | | | |
| AVG: | 9.60 | 7.70 | 7.13 | 6.57 | 6.60 | 8.30 | 10.57 | 10.47 | 8.57 | 7.78 | 5.82 | 4.73 | 4.03 | 3.93 | 3.57 | 3.53 | 4.07 | 5.07 | 7.60 | 13.17 | 15.00 | 15.50 | 13.73 | 12.73 | | | |

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: 8.16 MONTHLY MAX: 38.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: OCTOBER 2013

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|-------|------|------|------|------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|------|---------|--|
| 1 | 11.0 | 10.0 | 12.0 | 15.0 | 13.0 | 14.0 | 13.0 | 20.0 | 27.0 | 16.0 | 8.0 | 5.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 7.0 | 12.0 | 15.0 | 19.0 | 20.0 | 22.0 | 19.0 | 24 | 27.0 | |
| 2 | 16.0 | 13.0 | 16.0 | 17.0 | 16.0 | 12.0 | 10.0 | 15.0 | 29.0 | 25.0 | 13.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 9.0 | 23.0 | 37.0 | 35.0 | 28.0 | 25.0 | 20.0 | 24 | 37.0 | | |
| 3 | 22.0 | 21.0 | 16.0 | 16.0 | 15.0 | 10.0 | 9.0 | 12.0 | 18.0 | 23.0 | 21.0 | 6.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 10.0 | 14.0 | 18.0 | 24.0 | 28.0 | 21.0 | 17.0 | 24 | 28.0 | |
| 4 | 8.0 | 7.0 | 6.0 | 6.0 | 7.0 | 7.0 | 8.0 | 15.0 | BF | BF | BF | 8.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 11.0 | 15.0 | 22.0 | 34.0 | 38.0 | 31.0 | 28.0 | 21 | 38.0 | |
| 5 | 25.0 | 19.0 | 17.0 | 13.0 | 12.0 | 10.0 | 7.0 | 14.0 | 18.0 | 16.0 | 10.0 | 8.0 | 5.0 | 4.0 | 3.0 | 4.0 | 3.0 | 5.0 | 19.0 | 36.0 | 36.0 | 31.0 | 11.0 | 7.0 | 24 | 36.0 | |
| 6 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 6.0 | 6.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 1.0 | 1.0 | 2.0 | 4.0 | 6.0 | 10.0 | 5.0 | 2.0 | 2.0 | 24 | 10.0 | |
| 7 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 6.0 | 5.0 | 5.0 | 4.0 | 4.0 | 5.0 | 8.0 | 8.0 | 6.0 | 5.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 24 | 8.0 | |
| 8 | 3.0 | 3.0 | 2.0 | 2.0 | 3.0 | 4.0 | 6.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 7.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 24 | 7.0 | |
| 9 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 8.0 | 10.0 | 8.0 | 7.0 | 6.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 6.0 | 9.0 | 6.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 24 | 10.0 | |
| 10 | 5.0 | 4.0 | 3.0 | 5.0 | 5.0 | 11.0 | 14.0 | 16.0 | 9.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 12.0 | 8.0 | 5.0 | 9.0 | 12.0 | 8.0 | 24 | 16.0 | |
| 11 | 7.0 | 6.0 | 4.0 | 4.0 | 6.0 | 9.0 | 17.0 | 20.0 | BF | BF | BF | 5.0 | 6.0 | 6.0 | 7.0 | 4.0 | 6.0 | 10.0 | 15.0 | 25.0 | 18.0 | 20.0 | 22.0 | 23.0 | 21 | 25.0 | |
| 12 | 21.0 | 18.0 | 17.0 | 14.0 | 11.0 | 12.0 | 10.0 | 8.0 | 5.0 | 3.0 | 3.0 | 4.0 | 5.0 | 5.0 | 5.0 | 6.0 | 8.0 | 9.0 | 9.0 | 6.0 | 5.0 | 11.0 | 4.0 | 4.0 | 24 | 21.0 | |
| 13 | 6.0 | 4.0 | 3.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 2.0 | 2.0 | 24 | 6.0 | |
| 14 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 6.0 | 7.0 | AZ | AZ | AZ | AZ | AZ | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 19 | 7.0 | |
| 15 | 3.0 | 5.0 | 4.0 | 3.0 | 4.0 | 7.0 | 8.0 | 10.0 | 6.0 | 4.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 7.0 | 12.0 | 17.0 | 24.0 | 21.0 | 16.0 | 15.0 | 17.0 | 24 | 24.0 | |
| 16 | 15.0 | 14.0 | 12.0 | 11.0 | 12.0 | 18.0 | 18.0 | 16.0 | 9.0 | 5.0 | 4.0 | 8.0 | 9.0 | 11.0 | 10.0 | 7.0 | 8.0 | 17.0 | 16.0 | 21.0 | 23.0 | 24.0 | 20.0 | 20.0 | 24 | 24.0 | |
| 17 | 18.0 | 14.0 | 13.0 | 11.0 | 11.0 | 11.0 | 11.0 | 15.0 | 20.0 | 19.0 | 16.0 | 11.0 | 7.0 | 5.0 | 6.0 | 8.0 | 10.0 | 5.0 | 4.0 | 5.0 | 4.0 | 5.0 | 6.0 | 8.0 | 24 | 20.0 | |
| 18 | 8.0 | 8.0 | 9.0 | 7.0 | 4.0 | 7.0 | 9.0 | 9.0 | 6.0 | 5.0 | 5.0 | 5.0 | 3.0 | 4.0 | 3.0 | 4.0 | 5.0 | 6.0 | 16.0 | 16.0 | 12.0 | 13.0 | 11.0 | 8.0 | 24 | 16.0 | |
| 19 | 6.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 7.0 | 8.0 | 7.0 | 6.0 | 7.0 | 6.0 | 5.0 | 6.0 | 4.0 | 6.0 | 6.0 | 8.0 | 10.0 | 13.0 | 15.0 | 15.0 | 11.0 | 24 | 15.0 | |
| 20 | 8.0 | 8.0 | 8.0 | 8.0 | 5.0 | 7.0 | 6.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 7.0 | 14.0 | 22.0 | 20.0 | 16.0 | 16.0 | 14.0 | 24 | 22.0 | |
| 21 | 14.0 | 13.0 | 12.0 | 10.0 | 11.0 | 11.0 | 12.0 | 17.0 | 16.0 | 14.0 | 9.0 | 8.0 | 6.0 | BA | 7.0 | 7.0 | 7.0 | 9.0 | 17.0 | 27.0 | 25.0 | 22.0 | 20.0 | 17.0 | 23 | 27.0 | |
| 22 | 15.0 | 8.0 | 7.0 | 8.0 | 8.0 | 11.0 | 17.0 | 18.0 | 14.0 | 13.0 | 10.0 | 10.0 | 8.0 | 8.0 | 8.0 | 8.0 | 9.0 | 12.0 | 13.0 | 15.0 | 13.0 | 11.0 | 8.0 | 6.0 | 24 | 18.0 | |
| 23 | 5.0 | 5.0 | 5.0 | 4.0 | 5.0 | 8.0 | 12.0 | BF | BF | 6.0 | 6.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 5.0 | 4.0 | 5.0 | 4.0 | 6.0 | 6.0 | 6.0 | 8.0 | 22 | 12.0 | |
| 24 | 12.0 | 15.0 | 15.0 | 15.0 | 18.0 | 20.0 | 21.0 | 25.0 | 22.0 | 8.0 | 6.0 | 5.0 | 4.0 | 5.0 | 5.0 | 8.0 | 13.0 | 24.0 | 24.0 | 23.0 | 21.0 | 21.0 | 16.0 | 16.0 | 24 | 25.0 | |
| 25 | 8.0 | 6.0 | 5.0 | 7.0 | 6.0 | 10.0 | 14.0 | 11.0 | 6.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 9.0 | 17.0 | 16.0 | 8.0 | 8.0 | 7.0 | 8.0 | 24 | 17.0 | |
| 26 | 11.0 | 13.0 | 13.0 | 15.0 | 15.0 | 16.0 | 16.0 | 17.0 | 13.0 | 8.0 | 4.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 4.0 | 6.0 | 14.0 | 13.0 | 10.0 | 11.0 | 15.0 | 11.0 | 24 | 17.0 | |
| 27 | 8.0 | 10.0 | 11.0 | 13.0 | 15.0 | 16.0 | 15.0 | 13.0 | 14.0 | 11.0 | 6.0 | 4.0 | 6.0 | 6.0 | 4.0 | 4.0 | 4.0 | 6.0 | 19.0 | 19.0 | 19.0 | 27.0 | 26.0 | 23.0 | 24 | 27.0 | |
| 28 | 17.0 | 13.0 | 12.0 | 11.0 | 13.0 | 16.0 | 21.0 | 20.0 | 19.0 | 24.0 | 26.0 | 26.0 | 24.0 | 28.0 | 25.0 | 18.0 | 22.0 | 25.0 | 28.0 | 26.0 | 20.0 | 16.0 | 16.0 | 12.0 | 24 | 28.0 | |
| 29 | 11.0 | 11.0 | 8.0 | 9.0 | 6.0 | 5.0 | 11.0 | 19.0 | 19.0 | 19.0 | 11.0 | 5.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 10.0 | 28.0 | 32.0 | 32.0 | 27.0 | 24.0 | 17.0 | 24 | 32.0 | |
| 30 | 14.0 | 13.0 | 13.0 | 10.0 | 10.0 | 10.0 | 10.0 | 20.0 | 20.0 | 16.0 | 11.0 | 6.0 | 3.0 | 3.0 | 4.0 | 7.0 | 5.0 | 10.0 | 24.0 | 36.0 | 31.0 | 23.0 | 21.0 | 16.0 | 24 | 36.0 | |
| 31 | 12.0 | 8.0 | 8.0 | 7.0 | 7.0 | 9.0 | 15.0 | 17.0 | 15.0 | 14.0 | 10.0 | 7.0 | 6.0 | 6.0 | 5.0 | 5.0 | 7.0 | 7.0 | 6.0 | 4.0 | 3.0 | 3.0 | 2.0 | 2.0 | 24 | 17.0 | |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 27 | 28 | 28 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | 25.0 | 21.0 | 17.0 | 17.0 | 18.0 | 20.0 | 21.0 | 25.0 | 29.0 | 25.0 | 26.0 | 26.0 | 24.0 | 28.0 | 25.0 | 18.0 | 22.0 | 25.0 | 28.0 | 37.0 | 36.0 | 38.0 | 31.0 | 28.0 | | | |
| AVG: | 10.29 | 9.19 | 8.68 | 8.39 | 8.35 | 9.58 | 11.03 | 13.10 | 12.93 | 10.46 | 7.79 | 5.90 | 5.07 | 5.17 | 5.39 | 5.35 | 6.00 | 8.03 | 13.71 | 16.42 | 15.74 | 14.94 | 13.74 | 11.52 | | | |

MONTHLY OBSERVATIONS: 730 MONTHLY MEAN: 9.87 MONTHLY MAX: 38.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: NOVEMBER 2013

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|------|
| 1 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 6.0 | 5.0 | 6.0 | 5.0 | 5.0 | 4.0 | 24 | 6.0 | |
| 2 | 3.0 | 4.0 | 5.0 | 8.0 | 9.0 | 10.0 | 12.0 | 12.0 | 12.0 | 14.0 | 8.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 8.0 | 15.0 | 19.0 | 9.0 | 7.0 | 8.0 | 7.0 | 24 | 19.0 | |
| 3 | 8.0 | 8.0 | 7.0 | 5.0 | 8.0 | 10.0 | 11.0 | 11.0 | 6.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 7.0 | 16.0 | 20.0 | 24.0 | 12.0 | 8.0 | 9.0 | 24 | 24.0 | |
| 4 | 9.0 | 6.0 | 10.0 | 9.0 | 13.0 | 11.0 | 17.0 | 18.0 | 11.0 | 7.0 | 4.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 4.0 | 11.0 | 17.0 | 16.0 | 12.0 | 6.0 | 6.0 | 7.0 | 24 | 18.0 | |
| 5 | 7.0 | 7.0 | 8.0 | 9.0 | 11.0 | 8.0 | 14.0 | 14.0 | 9.0 | 8.0 | 8.0 | 7.0 | 7.0 | BF | BF | 8.0 | 11.0 | 8.0 | 8.0 | 7.0 | 7.0 | 9.0 | 10.0 | 11.0 | 22 | 14.0 | |
| 6 | 8.0 | 7.0 | 8.0 | 6.0 | 6.0 | 5.0 | 8.0 | 10.0 | 10.0 | 6.0 | 4.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 5.0 | 12.0 | 30.0 | 31.0 | 25.0 | 23.0 | 23.0 | 18.0 | 24 | 31.0 | |
| 7 | 18.0 | 15.0 | 16.0 | 18.0 | 12.0 | 9.0 | 9.0 | 11.0 | 19.0 | 22.0 | 16.0 | 11.0 | 10.0 | 9.0 | 6.0 | 9.0 | 5.0 | 6.0 | 8.0 | 17.0 | 5.0 | 5.0 | 8.0 | 8.0 | 24 | 22.0 | |
| 8 | 4.0 | 8.0 | 6.0 | 4.0 | 5.0 | 5.0 | 16.0 | 22.0 | 15.0 | 8.0 | 7.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 6.0 | 14.0 | 32.0 | 34.0 | 31.0 | 30.0 | 26.0 | 24.0 | 24 | 34.0 | |
| 9 | 23.0 | 23.0 | 22.0 | 19.0 | 18.0 | 20.0 | 16.0 | 15.0 | 22.0 | 13.0 | 8.0 | 6.0 | 5.0 | 4.0 | 4.0 | 5.0 | 7.0 | 11.0 | 13.0 | 11.0 | 11.0 | 10.0 | 13.0 | 16.0 | 24 | 23.0 | |
| 10 | 11.0 | 13.0 | 13.0 | 11.0 | 11.0 | 10.0 | 14.0 | 16.0 | 13.0 | 14.0 | 7.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 7.0 | 10.0 | 11.0 | 16.0 | 19.0 | 19.0 | 7.0 | 5.0 | 24 | 19.0 | |
| 11 | 2.0 | 3.0 | 3.0 | 4.0 | 6.0 | 4.0 | 10.0 | 16.0 | 7.0 | 3.0 | 2.0 | 3.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 13.0 | 21.0 | 34.0 | 32.0 | 30.0 | 28.0 | 25.0 | 24 | 34.0 | |
| 12 | 22.0 | 23.0 | 25.0 | 22.0 | 19.0 | 22.0 | 23.0 | 23.0 | 26.0 | 30.0 | 29.0 | 13.0 | 6.0 | 5.0 | 4.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 5.0 | 4.0 | 3.0 | 4.0 | 24 | 30.0 | |
| 13 | 5.0 | 5.0 | 4.0 | 4.0 | 7.0 | 10.0 | 14.0 | 17.0 | 9.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 5.0 | 6.0 | 14.0 | 22.0 | 29.0 | 29.0 | 27.0 | 26.0 | 26.0 | 24 | 29.0 | |
| 14 | 25.0 | 25.0 | 26.0 | 26.0 | 25.0 | 23.0 | 22.0 | 22.0 | 26.0 | 23.0 | 16.0 | 9.0 | 6.0 | BF | BF | BF | 6.0 | 13.0 | 36.0 | 36.0 | 35.0 | 34.0 | 32.0 | 30.0 | 21 | 36.0 | |
| 15 | 28.0 | 28.0 | 23.0 | 22.0 | 20.0 | 21.0 | 24.0 | 25.0 | 27.0 | 39.0 | 28.0 | 19.0 | 13.0 | 13.0 | 11.0 | 9.0 | 13.0 | 15.0 | 25.0 | 27.0 | 20.0 | 28.0 | 26.0 | 18.0 | 24 | 39.0 | |
| 16 | 20.0 | 18.0 | 16.0 | 15.0 | 12.0 | 13.0 | 12.0 | 11.0 | 10.0 | 8.0 | 7.0 | 7.0 | 7.0 | 6.0 | 5.0 | 4.0 | 4.0 | 10.0 | 27.0 | 28.0 | 24.0 | 23.0 | 19.0 | 13.0 | 24 | 28.0 | |
| 17 | 13.0 | 10.0 | 8.0 | 5.0 | 4.0 | 4.0 | 3.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 2.0 | 2.0 | 3.0 | 7.0 | 9.0 | 7.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 24 | 13.0 | |
| 18 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 4.0 | 6.0 | 9.0 | 11.0 | 15.0 | 9.0 | 8.0 | 7.0 | 5.0 | 5.0 | 5.0 | 6.0 | 8.0 | 10.0 | 9.0 | 6.0 | 3.0 | 5.0 | 10.0 | 24 | 15.0 | |
| 19 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 13.0 | 12.0 | 8.0 | 5.0 | 3.0 | 4.0 | 3.0 | 3.0 | 4.0 | 4.0 | 5.0 | 15.0 | 29.0 | 31.0 | 27.0 | 9.0 | 9.0 | 12.0 | 24 | 31.0 | |
| 20 | 15.0 | 9.0 | 4.0 | 5.0 | 7.0 | 8.0 | 9.0 | 13.0 | AV | AV | AV | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 5.0 | 9.0 | 17.0 | 16.0 | 12.0 | 8.0 | 6.0 | 6.0 | 21 | 17.0 | |
| 21 | 6.0 | 8.0 | 9.0 | 7.0 | 7.0 | 6.0 | 9.0 | 14.0 | 11.0 | 10.0 | 9.0 | 9.0 | 11.0 | 10.0 | 9.0 | 10.0 | 16.0 | 20.0 | 22.0 | 27.0 | 28.0 | 26.0 | 18.0 | 15.0 | 24 | 28.0 | |
| 22 | 16.0 | 11.0 | 9.0 | 10.0 | 11.0 | 12.0 | 17.0 | 15.0 | 17.0 | 17.0 | 21.0 | 24.0 | 15.0 | 9.0 | 5.0 | 5.0 | 6.0 | 7.0 | 7.0 | 7.0 | 6.0 | 4.0 | 4.0 | 4.0 | 24 | 24.0 | |
| 23 | 3.0 | 4.0 | 5.0 | 5.0 | 6.0 | 7.0 | 8.0 | 12.0 | 10.0 | 7.0 | 6.0 | 5.0 | 6.0 | 5.0 | 9.0 | 8.0 | 6.0 | 7.0 | 9.0 | 7.0 | 16.0 | 17.0 | 12.0 | 6.0 | 24 | 17.0 | |
| 24 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 8.0 | 14.0 | 19.0 | 11.0 | 9.0 | 12.0 | 24 | 19.0 |
| 25 | 11.0 | 9.0 | 9.0 | 12.0 | 17.0 | 20.0 | 25.0 | 30.0 | 21.0 | BF | BF | BF | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 9.0 | 12.0 | 12.0 | 10.0 | 8.0 | 5.0 | 5.0 | 21 | 30.0 | |
| 26 | 6.0 | 5.0 | 5.0 | 4.0 | 7.0 | 8.0 | 8.0 | 10.0 | 10.0 | 10.0 | 14.0 | 13.0 | 6.0 | 6.0 | 10.0 | 12.0 | 13.0 | 23.0 | 19.0 | 13.0 | 11.0 | 10.0 | 9.0 | 9.0 | 24 | 23.0 | |
| 27 | 11.0 | 11.0 | 9.0 | 6.0 | 6.0 | 6.0 | 9.0 | 8.0 | 5.0 | 6.0 | 8.0 | 9.0 | 10.0 | 5.0 | 5.0 | 5.0 | 5.0 | 10.0 | 6.0 | 6.0 | 5.0 | 6.0 | 7.0 | 9.0 | 24 | 11.0 | |
| 28 | 13.0 | 19.0 | 20.0 | 21.0 | 18.0 | 21.0 | 21.0 | 20.0 | 16.0 | 5.0 | 8.0 | 8.0 | 8.0 | 9.0 | 10.0 | 11.0 | 11.0 | 17.0 | 26.0 | 27.0 | 27.0 | 26.0 | 25.0 | 22.0 | 24 | 27.0 | |
| 29 | 22.0 | 22.0 | 19.0 | 17.0 | 19.0 | 18.0 | 17.0 | 18.0 | 19.0 | 12.0 | 12.0 | 6.0 | 4.0 | 4.0 | 3.0 | 3.0 | 5.0 | 11.0 | 24.0 | 28.0 | 15.0 | 14.0 | 12.0 | 11.0 | 24 | 28.0 | |
| 30 | 11.0 | 9.0 | 9.0 | 7.0 | 8.0 | 11.0 | 12.0 | 12.0 | 9.0 | 6.0 | 6.0 | 5.0 | 5.0 | 5.0 | 5.0 | 6.0 | 6.0 | 10.0 | 28.0 | 32.0 | 32.0 | 29.0 | 28.0 | 27.0 | 24 | 32.0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 28 | 28 | 29 | 30 | 28 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | 28.0 | 28.0 | 26.0 | 26.0 | 25.0 | 23.0 | 25.0 | 30.0 | 27.0 | 39.0 | 29.0 | 24.0 | 15.0 | 13.0 | 11.0 | 12.0 | 16.0 | 23.0 | 36.0 | 36.0 | 35.0 | 34.0 | 32.0 | 30.0 | | | |
| AVG: | 11.00 | 10.63 | 10.23 | 9.67 | 10.07 | 10.47 | 12.80 | 14.27 | 12.72 | 10.93 | 9.18 | 6.93 | 5.67 | 4.89 | 4.93 | 5.38 | 6.53 | 10.73 | 17.23 | 18.97 | 17.00 | 14.83 | 13.30 | 12.50 | | | |

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: 10.92 MONTHLY MAX: 39.0

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

Dec. 15, 2015

(42602) Nitrogen dioxide (NO2)

SITE ID: 37-119-0041 POC: 1
 COUNTY: (119) Mecklenburg
 CITY: (12000) Charlotte
 SITE ADDRESS: 1130 EASTWAY DRIVE
 SITE COMMENTS: 1/1 PM2.5 Sampling on roof of monitoring shelter. MOVED SHELTER 230 M SW OF ORIGIN
 MONITOR COMMENTS:

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

CAS NUMBER: 10102-44-0
 LATITUDE: 35.2401000009
 LONGITUDE: -80.785683
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 232
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0669) Mecklenburg County Air Quality

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (074) INSTRUMENTAL CHEMILUMINESCENCE

PQAO: (0776) North Carolina Dept Of Environment And Natural Resources

REPORT FOR: DECEMBER 2013

DURATION: 1 HOUR

UNITS: Parts per billion

MIN DETECTABLE: 1

| DAY | 0000 | 0100 | 0200 | 0300 | 0400 | 0500 | 0600 | 0700 | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | OBS | MAXIMUM | |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|------|---------|--|
| 1 | 26.0 | 25.0 | 25.0 | 26.0 | 25.0 | 24.0 | 24.0 | 22.0 | 21.0 | 17.0 | 11.0 | 14.0 | 10.0 | 8.0 | 7.0 | 7.0 | 7.0 | 13.0 | 23.0 | 28.0 | 28.0 | 27.0 | 24.0 | 23.0 | 24 | 28.0 | |
| 2 | 20.0 | 18.0 | 22.0 | 23.0 | 20.0 | 13.0 | 15.0 | 18.0 | 21.0 | 29.0 | 24.0 | 20.0 | 14.0 | 12.0 | 8.0 | 8.0 | 13.0 | 26.0 | 34.0 | 38.0 | 38.0 | 36.0 | 35.0 | 31.0 | 24 | 38.0 | |
| 3 | 31.0 | 27.0 | 27.0 | 24.0 | 21.0 | 20.0 | 21.0 | 23.0 | 22.0 | 16.0 | 14.0 | 11.0 | 7.0 | 5.0 | 5.0 | 6.0 | 6.0 | 7.0 | 9.0 | 8.0 | 7.0 | 9.0 | 7.0 | 6.0 | 24 | 31.0 | |
| 4 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 6.0 | 15.0 | 15.0 | 13.0 | 12.0 | 10.0 | 7.0 | 7.0 | 6.0 | 5.0 | 7.0 | 13.0 | 13.0 | 12.0 | 12.0 | 6.0 | 4.0 | 4.0 | 24 | 15.0 | |
| 5 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 3.0 | 4.0 | 6.0 | 7.0 | 9.0 | 9.0 | 7.0 | BF | BF | BF | 6.0 | 6.0 | 8.0 | 7.0 | 5.0 | 4.0 | 3.0 | 3.0 | 3.0 | 21 | 9.0 | |
| 6 | 2.0 | 3.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 2.0 | 3.0 | 3.0 | 3.0 | 3.0 | 4.0 | 5.0 | 3.0 | 3.0 | 3.0 | 2.0 | 24 | 5.0 | |
| 7 | 2.0 | 2.0 | 2.0 | 1.0 | 2.0 | 4.0 | 5.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 5.0 | 5.0 | 6.0 | 5.0 | 4.0 | 4.0 | 3.0 | 3.0 | 3.0 | 24 | 6.0 | |
| 8 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 3.0 | 3.0 | 4.0 | 4.0 | 4.0 | 4.0 | 5.0 | 4.0 | 4.0 | 5.0 | 4.0 | 5.0 | 6.0 | 4.0 | 24 | 6.0 | |
| 9 | 4.0 | 5.0 | 6.0 | 7.0 | 5.0 | 9.0 | 9.0 | 11.0 | 12.0 | AZ | AZ | AZ | AZ | AZ | 9.0 | 10.0 | 11.0 | AV | AV | AV | 11.0 | 11.0 | 10.0 | 10.0 | 16 | 12.0 | |
| 10 | 9.0 | 9.0 | 9.0 | 8.0 | 8.0 | 8.0 | 8.0 | 8.0 | BA | 9.0 | 10.0 | 12.0 | 8.0 | 9.0 | 7.0 | 7.0 | 9.0 | 12.0 | 11.0 | 14.0 | 15.0 | 16.0 | 14.0 | 22.0 | 23 | 22.0 | |
| 11 | 23.0 | 20.0 | 20.0 | 23.0 | 23.0 | 21.0 | 22.0 | 23.0 | 23.0 | 24.0 | 17.0 | 17.0 | 14.0 | 14.0 | 13.0 | 11.0 | 10.0 | 15.0 | 33.0 | 34.0 | 31.0 | 29.0 | 29.0 | 24.0 | 24 | 34.0 | |
| 12 | 26.0 | 29.0 | 30.0 | 32.0 | 30.0 | 22.0 | 29.0 | 25.0 | 18.0 | 7.0 | 5.0 | 4.0 | 5.0 | 7.0 | 6.0 | 5.0 | 8.0 | 13.0 | 34.0 | 39.0 | 35.0 | 33.0 | 31.0 | 29.0 | 24 | 39.0 | |
| 13 | 29.0 | 27.0 | 27.0 | 27.0 | 23.0 | 24.0 | 25.0 | 29.0 | 29.0 | 29.0 | 18.0 | 12.0 | BA | BA | 6.0 | 6.0 | 8.0 | 18.0 | 39.0 | 37.0 | 35.0 | 34.0 | 32.0 | 33.0 | 22 | 39.0 | |
| 14 | 32.0 | 31.0 | 28.0 | 26.0 | 17.0 | 10.0 | 6.0 | 7.0 | 6.0 | 5.0 | 5.0 | 5.0 | 6.0 | 8.0 | 9.0 | 11.0 | 12.0 | 10.0 | 10.0 | 9.0 | 9.0 | 8.0 | 9.0 | 10.0 | 24 | 32.0 | |
| 15 | 11.0 | 11.0 | 14.0 | 11.0 | 9.0 | 9.0 | 13.0 | 6.0 | 8.0 | 6.0 | 4.0 | 3.0 | 2.0 | 2.0 | 2.0 | 2.0 | 3.0 | 5.0 | 8.0 | 7.0 | 6.0 | 10.0 | 12.0 | 14.0 | 24 | 14.0 | |
| 16 | 22.0 | 20.0 | 19.0 | 18.0 | 20.0 | 19.0 | 19.0 | 20.0 | 22.0 | 21.0 | 17.0 | 13.0 | 10.0 | 7.0 | 5.0 | 6.0 | 7.0 | 15.0 | 26.0 | 24.0 | 15.0 | 12.0 | 10.0 | 9.0 | 24 | 26.0 | |
| 17 | 12.0 | 14.0 | 11.0 | 11.0 | 13.0 | 16.0 | 19.0 | 22.0 | 21.0 | 17.0 | 15.0 | 9.0 | 7.0 | BF | BF | 6.0 | 6.0 | 7.0 | 7.0 | 7.0 | 9.0 | 9.0 | 6.0 | 4.0 | 22 | 22.0 | |
| 18 | 3.0 | 3.0 | 3.0 | 4.0 | 8.0 | 10.0 | 12.0 | 27.0 | 29.0 | 15.0 | 7.0 | 6.0 | 3.0 | 4.0 | 6.0 | 6.0 | 7.0 | 13.0 | 30.0 | 35.0 | 36.0 | 33.0 | 31.0 | 31.0 | 24 | 36.0 | |
| 19 | 29.0 | 28.0 | 28.0 | 29.0 | 29.0 | 24.0 | 27.0 | 21.0 | 21.0 | 18.0 | 13.0 | 8.0 | 7.0 | 7.0 | 6.0 | 7.0 | 9.0 | 14.0 | 18.0 | 22.0 | 19.0 | 15.0 | 23.0 | 20.0 | 24 | 29.0 | |
| 20 | 19.0 | 20.0 | 15.0 | 14.0 | 27.0 | 25.0 | 26.0 | 28.0 | 27.0 | 25.0 | 15.0 | 12.0 | 6.0 | 4.0 | 7.0 | 7.0 | 6.0 | 9.0 | 8.0 | 8.0 | 13.0 | 12.0 | 10.0 | 8.0 | 24 | 28.0 | |
| 21 | 11.0 | 10.0 | 13.0 | 12.0 | 10.0 | 11.0 | 11.0 | 11.0 | 11.0 | 12.0 | 8.0 | 6.0 | 5.0 | 5.0 | 3.0 | 3.0 | 3.0 | 5.0 | 9.0 | 8.0 | 3.0 | 1.0 | 1.0 | 1.0 | 24 | 13.0 | |
| 22 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 1.0 | 1.0 | 24 | 4.0 | |
| 23 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 2.0 | 3.0 | 4.0 | 4.0 | 5.0 | 8.0 | 6.0 | 10.0 | 10.0 | 14.0 | 14.0 | 16.0 | 9.0 | 7.0 | 7.0 | 6.0 | 4.0 | 3.0 | 24 | 16.0 | |
| 24 | 2.0 | 3.0 | 3.0 | 3.0 | 2.0 | 4.0 | 7.0 | 7.0 | 6.0 | 4.0 | 4.0 | 4.0 | 4.0 | 3.0 | 2.0 | 3.0 | 3.0 | 5.0 | 6.0 | 7.0 | 4.0 | 5.0 | 4.0 | 3.0 | 24 | 7.0 | |
| 25 | 3.0 | 3.0 | 4.0 | 2.0 | 2.0 | 3.0 | 4.0 | 6.0 | 6.0 | 4.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 5.0 | 23.0 | 22.0 | 26.0 | 30.0 | 28.0 | 27.0 | 24 | 30.0 | | |
| 26 | 23.0 | 13.0 | 6.0 | 6.0 | 7.0 | 10.0 | 19.0 | 28.0 | 25.0 | 19.0 | BF | BF | BF | BF | 9.0 | 8.0 | 7.0 | 14.0 | 29.0 | 36.0 | 35.0 | 26.0 | 16.0 | 13.0 | 20 | 36.0 | |
| 27 | 12.0 | 10.0 | 11.0 | 15.0 | 19.0 | 22.0 | 28.0 | 32.0 | 25.0 | 16.0 | 11.0 | 6.0 | 6.0 | 9.0 | 11.0 | 10.0 | 10.0 | 17.0 | 34.0 | 37.0 | 35.0 | 32.0 | 31.0 | 30.0 | 24 | 37.0 | |
| 28 | 28.0 | 29.0 | 26.0 | 24.0 | 28.0 | 27.0 | 22.0 | 25.0 | 27.0 | 29.0 | 21.0 | 20.0 | 10.0 | 14.0 | 16.0 | 22.0 | 26.0 | 32.0 | 37.0 | 26.0 | 21.0 | 11.0 | 15.0 | 17.0 | 24 | 37.0 | |
| 29 | 14.0 | 12.0 | 10.0 | 6.0 | 4.0 | 4.0 | 4.0 | 7.0 | 9.0 | 7.0 | 6.0 | 8.0 | 6.0 | 4.0 | 3.0 | 3.0 | 4.0 | 7.0 | 11.0 | 10.0 | 11.0 | 14.0 | 14.0 | 16.0 | 24 | 16.0 | |
| 30 | 13.0 | 14.0 | 21.0 | 19.0 | 14.0 | 13.0 | 13.0 | 13.0 | 12.0 | 19.0 | 23.0 | 24.0 | 20.0 | 9.0 | 7.0 | 6.0 | 8.0 | 15.0 | 20.0 | 22.0 | 24.0 | 22.0 | 20.0 | 17.0 | 24 | 24.0 | |
| 31 | 16.0 | 19.0 | 19.0 | 11.0 | 8.0 | 12.0 | 17.0 | 16.0 | 15.0 | 19.0 | 9.0 | 5.0 | 5.0 | 6.0 | 5.0 | 5.0 | 10.0 | 22.0 | 27.0 | 32.0 | 31.0 | 30.0 | 30.0 | 25.0 | 24 | 32.0 | |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 29 | 29 | 27 | 26 | 29 | 31 | 31 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | | | |
| MAX: | 32.0 | 31.0 | 30.0 | 32.0 | 30.0 | 27.0 | 29.0 | 32.0 | 29.0 | 29.0 | 24.0 | 24.0 | 20.0 | 14.0 | 16.0 | 22.0 | 26.0 | 32.0 | 39.0 | 39.0 | 38.0 | 36.0 | 35.0 | 33.0 | | | |
| AVG: | 14.00 | 13.42 | 13.29 | 12.71 | 12.48 | 12.13 | 13.61 | 15.13 | 15.13 | 13.53 | 10.24 | 8.90 | 6.78 | 6.46 | 6.34 | 6.65 | 7.71 | 11.77 | 17.73 | 18.40 | 17.19 | 15.90 | 15.03 | 14.29 | | | |

MONTHLY OBSERVATIONS: 724 MONTHLY MEAN: 12.54 MONTHLY MAX: 39.0

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

QUALIFIER CODES:

| Qualifier Code | Qualifier Description | Qualifier Type |
|----------------|-----------------------------|----------------|
| AN | Machine Malfunction | NULL |
| AV | Power Failure | NULL |
| AZ | Q C Audit | NULL |
| BA | Maintenance/Routine Repairs | NULL |
| BC | Multi-point Calibration | NULL |
| BF | Precision/Zero/Span | NULL |

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