

User ID: XJLSTEGER

RAW DATA REPORT

Report Request ID: 1657117

Report Code: AMP350

May. 30, 2018

GEOGRAPHIC SELECTIONS

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

37

PROTOCOL SELECTIONS

| Parameter Classification | Parameter | Method | Duration |
|--------------------------|-----------|--------|----------|
| CRITERIA | 44201 | | |

AGENCY SELECTIONS

North Carolina Dept Of Environmental Quality

SELECTED OPTIONS

| Option Type | Option Value |
|------------------|----------------|
| INCLUDE NULLS | YES |
| DAILY STATISTICS | MAXIMUM |
| UNITS | STANDARD |
| RAW DATA EVENTS | INCLUDE EVENTS |
| MERGE PDF FILES | YES |
| AGENCY ROLE | PQAO |

SORT ORDER

| Order | Column |
|-------|----------------|
| 1 | STATE_CODE |
| 2 | COUNTY_CODE |
| 3 | SITE_ID |
| 4 | PARAMETER_CODE |
| 5 | POC |

DATE CRITERIA

| Start Date | End Date |
|------------|------------|
| 2017 01 01 | 2017 12 31 |

APPLICABLE STANDARDS

| Standard Description |
|----------------------|
| Ozone 1-hour 1979 |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-003-0005 POC: 1
 COUNTY: (003) Alexander
 CITY: (66960) Taylorsville
 SITE ADDRESS: 700 Liledoun Road
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.9138000009
 LONGITUDE: -81.191
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 365
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | AE | AE | AE | BF | AE | AE | AE | AE | AE | .028 | .029 | .031 | .030 | .032 | .035 | .035 | .034 | .030 | .032 | .028 | .024 | .030 | .037 | .038 | 15 | .038 |
| 2 | .043 | .044 | .042 | BF | .041 | .040 | .041 | .040 | .040 | .041 | .041 | .043 | .044 | .046 | .047 | .048 | .048 | .047 | .045 | .043 | .039 | .039 | .040 | .036 | 23 | .048 |
| 3 | .039 | .036 | .034 | BF | .026 | .027 | .011 | .012 | .032 | .043 | .044 | .046 | .047 | .047 | .047 | .047 | .047 | .046 | .044 | .043 | .042 | .038 | .039 | .033 | 23 | .047 |
| 4 | .031 | .027 | .028 | BF | .024 | .021 | .020 | .019 | .029 | .038 | .041 | .042 | .044 | .047 | .047 | .048 | .049 | .049 | .042 | .032 | .017 | .022 | .020 | .023 | 23 | .049 |
| 5 | .020 | .016 | .013 | BF | .019 | .018 | .029 | .037 | .038 | .041 | .042 | .043 | .045 | .048 | .050 | .052 | .052 | .043 | .032 | .032 | .027 | .021 | .021 | .023 | 23 | .052 |
| 6 | .024 | .017 | .018 | BF | .012 | .019 | .013 | .013 | .024 | .034 | .035 | .037 | .040 | .046 | .052 | .055 | .055 | .047 | .045 | .045 | .027 | .029 | .037 | .038 | 23 | .055 |
| 7 | .038 | .038 | .040 | BF | .045 | .044 | .046 | .042 | .040 | .042 | .044 | .044 | .047 | .048 | .047 | .049 | .051 | .040 | .035 | .036 | .038 | .041 | .043 | 23 | .051 | |
| 8 | .042 | .040 | .041 | BF | .044 | .045 | .045 | .044 | .044 | .046 | .049 | .051 | .053 | .055 | .054 | .054 | .054 | .053 | .051 | .048 | .046 | .040 | .033 | .032 | 23 | .055 |
| 9 | .028 | .029 | .029 | BF | .026 | .024 | .022 | .018 | .021 | .039 | .051 | .051 | .054 | .055 | .056 | .057 | .059 | .060 | .055 | .053 | .043 | .017 | .016 | .023 | 23 | .060 |
| 10 | .026 | .021 | .020 | BF | .020 | .040 | .029 | .023 | .034 | .041 | .045 | .045 | .046 | .047 | .049 | .050 | .051 | .049 | .048 | .048 | .047 | .048 | .047 | .046 | 23 | .051 |
| 11 | .046 | .044 | .043 | BF | .041 | .041 | .041 | .040 | .040 | .041 | .042 | .044 | .045 | .048 | .052 | .051 | .052 | .051 | .048 | .046 | .045 | .043 | .044 | .040 | 23 | .052 |
| 12 | .038 | .043 | .045 | BF | .042 | .041 | .039 | .036 | .038 | .038 | .040 | .042 | .044 | .045 | .046 | .046 | .047 | .046 | .043 | .040 | .038 | .033 | .024 | .022 | 23 | .047 |
| 13 | .017 | .018 | .023 | BF | .013 | .015 | .013 | .009 | .026 | BA | .041 | .044 | .045 | .046 | .044 | .041 | .042 | .041 | .039 | .037 | .037 | .037 | .035 | .036 | 22 | .046 |
| 14 | .035 | .032 | .031 | BF | .026 | .020 | .015 | .007 | .029 | .036 | .038 | .038 | .039 | .039 | .040 | .039 | .041 | .042 | .041 | .041 | .043 | .043 | .043 | .043 | 23 | .043 |
| 15 | .043 | .042 | .042 | BF | .043 | .043 | .042 | .041 | .041 | .043 | .045 | .046 | .047 | .047 | .048 | .047 | .047 | .046 | .044 | .043 | .042 | .042 | .042 | .042 | 23 | .048 |
| 16 | .041 | .036 | .037 | BF | .033 | .024 | .020 | .017 | .040 | .044 | .046 | .048 | .050 | .052 | .052 | .051 | .050 | .050 | .050 | .049 | .047 | .048 | .047 | .041 | 23 | .052 |
| 17 | .035 | .036 | .029 | BF | .024 | .020 | .017 | .013 | .014 | .033 | .047 | .045 | .047 | .049 | .051 | .050 | .050 | .044 | .042 | .039 | .037 | .039 | .038 | .038 | 23 | .051 |
| 18 | .038 | .030 | .033 | BF | .026 | .027 | .017 | .021 | .027 | .032 | .035 | .039 | .044 | .047 | .047 | .050 | .051 | .052 | .052 | .051 | .051 | .041 | .038 | .038 | 23 | .052 |
| 19 | .039 | .036 | .034 | BF | .030 | .028 | .029 | .031 | .033 | .033 | .036 | .038 | .039 | .040 | .041 | .042 | .042 | .042 | .041 | .038 | .036 | .035 | .033 | .031 | 23 | .042 |
| 20 | .026 | .024 | .020 | BF | .017 | .015 | .009 | .009 | .027 | .034 | .037 | .037 | .039 | .045 | .049 | .049 | .050 | .050 | .047 | .036 | .029 | .025 | .020 | .021 | 23 | .050 |
| 21 | .020 | .022 | .022 | BF | .020 | .010 | .007 | .011 | .020 | .038 | .050 | .052 | .053 | .054 | .054 | .054 | .055 | .054 | .051 | .045 | .037 | .042 | .046 | .043 | 23 | .055 |
| 22 | .034 | .030 | .034 | BF | .043 | .044 | .043 | .043 | .045 | .045 | .045 | .049 | .052 | .052 | .052 | .052 | .054 | .056 | .057 | .051 | .050 | .048 | .046 | .045 | 23 | .057 |
| 23 | .045 | .044 | .043 | BF | .033 | .021 | .020 | .027 | .043 | BA | .046 | .048 | .049 | .051 | .050 | .053 | .054 | .054 | .050 | .038 | .035 | .036 | .026 | .025 | 22 | .054 |
| 24 | .023 | .025 | .021 | BF | .024 | .022 | .031 | .032 | .035 | .043 | .049 | .052 | .054 | .053 | .052 | .053 | .054 | .053 | .050 | .049 | .049 | .045 | .035 | .035 | 23 | .054 |
| 25 | .028 | .027 | .036 | BF | .038 | .037 | .036 | .032 | .040 | .045 | .048 | .050 | .049 | .051 | .054 | .052 | .050 | .050 | .048 | .042 | .033 | .033 | .027 | .018 | 23 | .054 |
| 26 | .032 | .036 | .036 | BF | .024 | .024 | .027 | .030 | .031 | .033 | .029 | .033 | .033 | .034 | .034 | .037 | .038 | .035 | .033 | .027 | .017 | .012 | .008 | .013 | 23 | .038 |
| 27 | .024 | .025 | .027 | BF | .026 | .025 | .012 | .016 | .025 | .030 | .033 | .037 | .041 | .045 | .047 | .051 | .050 | .050 | .046 | .038 | .034 | .024 | .021 | .015 | 23 | .051 |
| 28 | .011 | .033 | .037 | BF | .033 | .030 | .036 | .036 | .040 | .042 | .045 | .047 | .049 | .055 | .056 | .054 | .053 | .053 | .052 | .052 | .050 | .047 | .041 | .041 | 23 | .056 |
| 29 | .041 | .034 | .035 | BF | .024 | .017 | .008 | .018 | .038 | .047 | .048 | .052 | .054 | .055 | .057 | .058 | .061 | .060 | .055 | .048 | .038 | .032 | .030 | .043 | 23 | .061 |
| 30 | .036 | .037 | .035 | BF | .038 | .036 | .035 | .035 | .034 | .034 | .033 | .031 | .032 | .034 | .034 | .037 | .036 | .034 | .032 | .027 | .025 | .023 | .021 | .021 | 23 | .038 |
| 31 | .031 | .036 | .042 | BF | .039 | .042 | .048 | .045 | .043 | .045 | .045 | .047 | .048 | .044 | .042 | .044 | .042 | .041 | .039 | .037 | .034 | .032 | .031 | .030 | 23 | .048 |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .046 | .044 | .045 | | .045 | .045 | .048 | .045 | .045 | .047 | .051 | .052 | .054 | .055 | .057 | .058 | .061 | .060 | .057 | .053 | .051 | .049 | .047 | .046 | | |
| AVG: | .0325 | .0319 | .0323 | | .0298 | .0287 | .0267 | .0266 | .0337 | .0387 | .0417 | .0435 | .0452 | .0470 | .0480 | .0485 | .0489 | .0477 | .0451 | .0414 | .0373 | .0350 | .0335 | .0328 | | |

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: .0382 MONTHLY MAX: .061

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

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 AIR QUALITY SYSTEM
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 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .026 | .030 | .030 | BF | .026 | .025 | .031 | .033 | .036 | .038 | .039 | .041 | .042 | .043 | .044 | .044 | .045 | .045 | .044 | .041 | .039 | .036 | .031 | .029 | 23 | .045 | |
| 2 | .029 | .026 | .018 | BF | .014 | .010 | .007 | .007 | .029 | .035 | .036 | .038 | .040 | .044 | .046 | .049 | .049 | .050 | .048 | .036 | .029 | .027 | .026 | .022 | 23 | .050 | |
| 3 | .015 | .013 | .009 | BF | .033 | .029 | .026 | .024 | .024 | .024 | .023 | .027 | .029 | .025 | .022 | .027 | .025 | .026 | .026 | .019 | .015 | .023 | .032 | .034 | 23 | .034 | |
| 4 | .030 | .031 | .029 | BF | .023 | .021 | .020 | .022 | .029 | .040 | .047 | .049 | .051 | .051 | .052 | .054 | .053 | .054 | .050 | .041 | .035 | .026 | .026 | .026 | 23 | .054 | |
| 5 | .023 | .018 | .016 | BF | .008 | .007 | .002 | .009 | .018 | .039 | .030 | .023 | .037 | .042 | .042 | .043 | .042 | .040 | .041 | .034 | .027 | .028 | .027 | .027 | 23 | .043 | |
| 6 | .040 | .038 | .032 | BF | .034 | .032 | .033 | .032 | .031 | .034 | .036 | .038 | .035 | .035 | .037 | .037 | .037 | .038 | .038 | .039 | .040 | .043 | .041 | .042 | 23 | .043 | |
| 7 | .041 | .040 | .041 | BF | .041 | .041 | .040 | .041 | .042 | BA | .044 | .046 | .046 | .047 | .047 | .048 | .048 | .047 | .046 | .046 | .044 | .039 | .040 | .038 | 22 | .048 | |
| 8 | .035 | .030 | .028 | BF | .022 | .022 | .021 | .013 | .031 | .042 | .046 | .050 | .055 | .057 | .059 | .058 | .059 | .059 | .057 | .046 | .036 | .038 | .037 | .026 | 23 | .059 | |
| 9 | .022 | .019 | .023 | BF | .018 | .018 | .018 | .026 | .043 | .054 | .055 | .057 | .060 | .063 | .061 | .062 | .062 | .062 | .059 | .051 | .053 | .052 | .044 | .038 | 23 | .063 | |
| 10 | .040 | .048 | .048 | BF | .039 | .034 | .017 | .030 | .041 | .049 | .053 | .055 | .057 | .061 | .063 | .062 | .062 | .061 | .059 | .056 | .052 | .049 | .041 | .033 | .032 | 23 | .063 |
| 11 | .024 | .021 | .027 | BF | .027 | .026 | .008 | .019 | .036 | .043 | .049 | .054 | .059 | .065 | .066 | .066 | .066 | .066 | .063 | .058 | .053 | .044 | .042 | .042 | .043 | 23 | .066 |
| 12 | .041 | .031 | .027 | BF | .018 | .018 | .020 | .023 | .028 | .039 | .046 | .048 | .052 | .055 | .056 | .056 | .054 | .055 | .053 | .040 | .031 | .036 | .036 | .041 | 23 | .056 | |
| 13 | .031 | .034 | .029 | BF | .019 | .016 | .015 | .033 | .051 | .054 | .055 | .057 | .059 | .061 | .062 | .063 | .065 | .066 | .061 | .049 | .041 | .033 | .034 | .028 | 23 | .066 | |
| 14 | .023 | .018 | .015 | BF | .023 | .030 | .030 | .030 | .028 | .031 | .031 | .035 | .042 | .048 | .055 | .059 | .063 | .062 | .054 | .042 | .046 | .042 | .044 | .044 | 23 | .063 | |
| 15 | .036 | .025 | .017 | BF | .013 | .009 | .007 | .017 | .035 | .042 | .047 | .050 | .052 | .056 | .059 | .058 | .057 | .056 | .054 | .050 | .048 | .048 | .048 | .048 | 23 | .059 | |
| 16 | .045 | .043 | .044 | BF | .041 | .038 | .039 | .039 | .042 | .045 | .046 | .048 | .049 | .051 | .055 | .053 | .052 | .050 | .048 | .044 | .044 | .039 | .034 | .030 | 23 | .055 | |
| 17 | .028 | .022 | .020 | BF | .011 | .009 | .008 | .023 | .033 | .040 | .047 | .049 | .050 | .044 | .036 | .038 | .042 | .043 | .039 | .033 | .033 | .025 | .026 | .023 | 23 | .050 | |
| 18 | .021 | .020 | .021 | BF | .033 | .033 | .029 | .029 | .029 | .037 | .043 | .044 | .047 | .048 | .048 | .047 | .044 | .044 | .042 | .041 | .038 | .030 | .024 | .034 | 23 | .048 | |
| 19 | .037 | .038 | .037 | BF | .039 | .037 | .036 | .037 | .034 | .034 | .033 | .033 | .032 | .032 | .032 | .029 | .029 | .028 | .024 | .023 | .023 | .020 | .018 | .017 | 23 | .039 | |
| 20 | .015 | .014 | .015 | BF | .023 | .019 | .020 | .023 | .024 | .025 | .030 | .036 | .042 | .044 | .042 | .042 | .045 | .042 | .038 | .033 | .026 | .021 | .013 | .010 | 23 | .045 | |
| 21 | .006 | .008 | .010 | BF | .005 | .002 | .003 | .010 | .026 | .037 | .045 | .045 | .039 | .039 | .042 | .043 | .039 | .034 | .034 | .034 | .024 | .034 | .035 | .034 | 23 | .045 | |
| 22 | .029 | .027 | .026 | BF | .018 | .018 | .020 | .023 | .029 | .034 | .036 | .038 | .038 | .042 | .043 | .041 | .044 | .042 | .032 | .029 | .029 | .032 | .037 | .028 | 23 | .044 | |
| 23 | .027 | .027 | .031 | BF | .035 | .033 | .029 | .029 | .029 | .031 | .029 | .028 | .026 | .024 | .023 | .021 | .020 | .019 | .020 | .021 | .022 | .022 | .022 | .022 | 23 | .035 | |
| 24 | .024 | .023 | .022 | BF | .024 | .026 | .027 | .027 | .026 | .025 | .024 | .025 | .026 | .027 | .027 | .029 | .027 | .026 | .026 | .028 | .028 | .028 | .028 | .029 | 23 | .029 | |
| 25 | .028 | .030 | .031 | BF | .026 | .025 | .024 | .023 | .026 | .031 | .034 | .034 | .034 | .036 | .033 | .033 | .030 | .031 | .028 | .021 | .021 | .018 | .009 | .008 | 23 | .036 | |
| 26 | .006 | .003 | .005 | BF | .007 | .009 | .011 | .016 | .025 | .032 | .037 | .040 | .043 | .047 | .049 | .050 | .054 | .050 | .047 | .042 | .030 | .023 | .015 | .010 | 23 | .054 | |
| 27 | .009 | .018 | .028 | BF | .024 | .021 | .024 | .026 | .032 | .038 | .048 | .053 | .046 | .036 | .024 | .024 | .029 | .030 | .026 | .018 | .012 | .007 | .008 | .008 | 23 | .053 | |
| 28 | .005 | .003 | .002 | BF | .001 | .001 | .007 | .013 | .019 | .028 | .036 | .041 | .046 | .046 | .047 | .048 | .046 | .044 | .041 | .035 | .029 | .024 | .019 | .014 | 23 | .048 | |
| 29 | .007 | .008 | .005 | BF | .004 | .002 | .000 | .001 | .009 | .019 | .026 | .034 | .038 | .037 | .035 | .037 | .036 | .039 | .037 | .031 | .025 | .016 | .014 | .017 | 23 | .039 | |
| 30 | .017 | .016 | .017 | BF | .020 | .019 | .019 | .019 | .022 | .025 | .026 | .026 | .027 | .030 | .030 | .030 | .030 | .029 | .027 | .023 | .024 | .027 | .024 | .017 | 23 | .030 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .045 | .048 | .048 | | .041 | .041 | .040 | .041 | .051 | .054 | .055 | .057 | .060 | .065 | .066 | .066 | .066 | .066 | .066 | .061 | .053 | .053 | .052 | .048 | .048 | | |
| AVG: | .0253 | .0241 | .0234 | | .0223 | .0210 | .0197 | .0232 | .0302 | .0360 | .0392 | .0414 | .0433 | .0445 | .0446 | .0451 | .0451 | .0445 | .0420 | .0367 | .0330 | .0310 | .0289 | .0273 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0336 MONTHLY MAX: .066

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .017 | .018 | .019 | BF | .020 | .020 | .020 | .019 | .019 | .020 | .021 | .025 | .026 | .026 | .026 | .028 | .031 | .037 | .042 | .041 | .038 | .036 | .033 | .032 | 23 | .042 |
| 2 | .027 | .015 | .027 | BF | .040 | .039 | .044 | .044 | .048 | .049 | .049 | .050 | .052 | .052 | .051 | .051 | .052 | .053 | .051 | .047 | .044 | .040 | .031 | .027 | 23 | .053 |
| 3 | .027 | .020 | .019 | BF | .024 | .020 | .027 | .039 | .046 | .050 | .050 | .051 | .052 | .052 | .053 | .053 | .053 | .056 | .051 | .044 | .035 | .033 | .026 | .017 | 23 | .056 |
| 4 | .019 | .027 | .038 | BF | .037 | .036 | .036 | .038 | .038 | BA | .043 | .047 | .050 | .050 | .048 | .047 | .041 | .036 | .036 | .033 | .036 | .036 | .034 | .031 | 22 | .050 |
| 5 | .030 | .031 | .031 | BF | .027 | .033 | .033 | .039 | .044 | .042 | .040 | .041 | .039 | .039 | .037 | .037 | .037 | .036 | .034 | .029 | .025 | .023 | .021 | .018 | 23 | .044 |
| 6 | .018 | .016 | .014 | BF | .016 | .026 | .031 | .039 | .041 | .043 | .043 | .045 | .045 | .045 | .044 | .041 | .040 | .043 | .045 | .042 | .039 | .032 | .027 | .026 | 23 | .045 |
| 7 | .021 | .018 | .021 | BF | .021 | .021 | .015 | .026 | .038 | .040 | .045 | .046 | .047 | .049 | .050 | .051 | .050 | .048 | .046 | .044 | .040 | .038 | .033 | .033 | 23 | .051 |
| 8 | .028 | .022 | .021 | BF | .023 | .024 | .030 | .040 | .049 | .054 | .059 | .061 | .062 | .064 | .063 | .062 | .064 | .062 | .058 | .052 | .047 | .039 | .036 | .040 | 23 | .064 |
| 9 | .038 | .032 | .028 | BF | .034 | .029 | .019 | .022 | .027 | .025 | .030 | .036 | .047 | .049 | .049 | .048 | .049 | .046 | .038 | .036 | .022 | .015 | .014 | .007 | 23 | .049 |
| 10 | .002 | .006 | .004 | BF | .000 | .000 | .002 | .014 | .025 | .044 | .057 | .060 | .061 | .063 | .063 | .063 | .063 | .062 | .057 | .058 | .046 | .039 | .030 | .029 | 23 | .063 |
| 11 | .041 | .030 | .032 | BF | .029 | .024 | .026 | .026 | .037 | .034 | .035 | .045 | .044 | .046 | .049 | .049 | .050 | .049 | .044 | .036 | .027 | .027 | .028 | .044 | 23 | .050 |
| 12 | .044 | .044 | .041 | BF | .022 | .023 | .026 | .027 | .028 | .029 | .028 | .028 | .029 | .026 | .025 | .026 | .025 | .024 | .023 | .022 | .021 | .020 | .018 | .017 | 23 | .044 |
| 13 | .016 | .016 | .013 | BF | .011 | .011 | .015 | .017 | .019 | .018 | .019 | .021 | .024 | .027 | .031 | .031 | .037 | .044 | .047 | .045 | .045 | .043 | .040 | .037 | 23 | .047 |
| 14 | .026 | .024 | .032 | BF | .022 | .017 | .013 | .024 | .038 | .046 | .049 | .052 | .052 | .054 | .055 | .055 | .054 | .054 | .052 | .045 | .044 | .044 | .045 | .047 | 23 | .055 |
| 15 | .041 | .032 | .032 | BF | .030 | .025 | .028 | .033 | .044 | .050 | .054 | .056 | .056 | .056 | .058 | .060 | .060 | .059 | .054 | .047 | .046 | .039 | .041 | .036 | 23 | .060 |
| 16 | .029 | .026 | .020 | BF | .008 | .008 | .012 | .026 | .043 | .055 | .058 | .061 | .063 | .067 | .072 | .074 | .072 | .071 | .067 | .062 | .054 | .043 | .031 | .020 | 23 | .074 |
| 17 | .017 | .010 | .008 | BF | .013 | .005 | .005 | .023 | .039 | .049 | .056 | .057 | .058 | .061 | .062 | .060 | .057 | .053 | .049 | .044 | .036 | .030 | .023 | .025 | 23 | .062 |
| 18 | .020 | .034 | .033 | BF | .030 | .026 | .025 | .030 | .036 | BA | .041 | .042 | .043 | .044 | .049 | .046 | .043 | .042 | .039 | .038 | .037 | .034 | .031 | .031 | 22 | .049 |
| 19 | .028 | .027 | .026 | BF | .023 | .019 | .020 | .026 | .033 | .040 | .043 | .045 | .050 | .046 | .035 | .034 | .037 | .034 | .029 | .024 | .015 | .009 | .003 | .001 | 23 | .050 |
| 20 | .004 | .011 | .011 | BF | .006 | .006 | .005 | .016 | .028 | .037 | .042 | .048 | .047 | .048 | .055 | .055 | .055 | .053 | .047 | .044 | .038 | .032 | .020 | .016 | 23 | .055 |
| 21 | .012 | .016 | .030 | BF | .032 | .030 | .026 | .023 | .023 | .020 | .018 | .017 | .017 | .017 | .016 | .015 | .015 | .017 | .016 | .014 | .012 | .012 | .011 | .011 | 23 | .032 |
| 22 | .013 | .015 | .014 | BF | .007 | .003 | .006 | .012 | .018 | .021 | .027 | .035 | .042 | .038 | .039 | .037 | .036 | .036 | .032 | .024 | .019 | .016 | .014 | .025 | 23 | .042 |
| 23 | .030 | .022 | .023 | BF | .033 | .030 | .032 | .032 | .028 | .033 | .029 | .028 | .028 | .027 | .026 | .027 | .025 | .022 | .020 | .017 | .017 | .016 | .015 | .016 | 23 | .033 |
| 24 | .015 | .015 | .015 | BF | .019 | .017 | .016 | .014 | .014 | .014 | .014 | .020 | .025 | .031 | .031 | .031 | .035 | .032 | .030 | .027 | .026 | .028 | .026 | .026 | 23 | .035 |
| 25 | .031 | .030 | .024 | BF | .026 | .017 | .021 | .030 | .038 | .044 | .047 | .044 | .044 | .045 | .044 | .043 | .042 | .041 | .040 | .041 | .039 | .036 | .037 | .040 | 23 | .047 |
| 26 | .037 | .039 | .040 | BF | .039 | .030 | .028 | .043 | .045 | .048 | .050 | .051 | .052 | .053 | .053 | .054 | .054 | .054 | .053 | .044 | .038 | .029 | .019 | .019 | 23 | .054 |
| 27 | .017 | .015 | .012 | BF | .010 | .012 | .015 | .025 | .036 | .045 | .047 | .050 | .049 | .048 | .048 | .046 | .046 | .044 | .043 | .037 | .031 | .026 | .043 | .028 | 23 | .050 |
| 28 | .029 | .042 | .035 | BF | .026 | .017 | .020 | .026 | .029 | .035 | .043 | .049 | .048 | .048 | .039 | .035 | .035 | .043 | .035 | .026 | .016 | .012 | .011 | .020 | 23 | .049 |
| 29 | .019 | .020 | .021 | BF | .023 | .028 | .024 | .030 | .043 | .049 | .049 | .048 | .047 | .046 | .046 | .036 | .036 | .034 | .027 | .025 | .020 | .010 | .009 | .005 | 23 | .049 |
| 30 | .006 | .009 | .005 | BF | .006 | .005 | .012 | .015 | .018 | .022 | .024 | .033 | .040 | .043 | .043 | .044 | .049 | .043 | .035 | .036 | .039 | .031 | .025 | .020 | 23 | .049 |
| 31 | .015 | .012 | .016 | BF | .009 | .012 | .014 | .025 | .039 | .046 | .049 | .049 | .050 | .043 | .044 | .048 | .050 | .049 | .049 | .046 | .039 | .032 | .021 | .012 | 23 | .050 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .044 | .044 | .041 | | .040 | .039 | .044 | .044 | .049 | .055 | .059 | .061 | .063 | .067 | .072 | .074 | .072 | .071 | .067 | .062 | .054 | .044 | .045 | .047 | | |
| AVG: | .0231 | .0224 | .0227 | | .0215 | .0198 | .0208 | .0272 | .0339 | .0380 | .0406 | .0433 | .0448 | .0453 | .0453 | .0447 | .0449 | .0444 | .0416 | .0377 | .0333 | .0290 | .0257 | .0244 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0337 MONTHLY MAX: .074

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-003-0005 POC: 1
 COUNTY: (003) Alexander
 CITY: (66960) Taylorsville
 SITE ADDRESS: 700 Liledoun Road
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.9138000009
 LONGITUDE: -81.191
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 365
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .005 | .003 | .003 | BF | .002 | .002 | .010 | .023 | .037 | BA | .049 | .053 | .054 | .053 | .054 | .053 | .048 | .043 | .036 | .031 | .037 | .025 | .014 | .015 | 22 | .054 | |
| 2 | .014 | .015 | .020 | BF | .003 | .012 | .013 | .032 | .046 | .052 | .054 | .053 | .051 | .051 | .051 | .052 | .052 | .056 | .054 | .048 | .040 | .031 | .027 | .019 | 23 | .056 | |
| 3 | .016 | .021 | .019 | BF | .022 | .021 | .017 | .028 | .050 | .055 | .057 | .060 | .059 | .058 | .058 | .057 | .057 | .058 | .054 | .050 | .043 | .031 | .022 | .020 | 23 | .060 | |
| 4 | .025 | .031 | .022 | BF | .023 | .019 | .021 | .038 | .046 | .047 | .049 | .052 | .055 | .049 | .044 | .035 | .033 | .032 | .029 | .023 | .017 | .017 | .015 | .009 | 23 | .055 | |
| 5 | .014 | .015 | .017 | BF | .022 | .021 | .021 | .022 | .022 | .022 | .025 | .028 | .030 | .031 | .031 | .031 | .028 | .026 | .028 | .026 | .022 | .016 | .013 | .010 | 23 | .031 | |
| 6 | .006 | .010 | .008 | BF | .003 | .003 | .003 | .009 | .025 | .038 | .046 | .049 | .052 | .056 | .056 | .057 | .053 | .052 | .048 | .045 | .044 | .042 | .041 | .041 | 23 | .057 | |
| 7 | .040 | .038 | .035 | BF | .031 | .031 | .027 | .034 | .039 | .040 | .042 | .042 | .044 | .044 | .044 | .047 | .046 | .047 | .045 | .039 | .037 | .038 | .037 | .036 | 23 | .047 | |
| 8 | .034 | .033 | .032 | BF | .031 | .031 | .033 | .033 | .032 | .033 | .035 | .037 | .039 | .040 | .042 | .042 | .043 | .040 | .036 | .031 | .025 | .016 | .010 | .004 | 23 | .043 | |
| 9 | .003 | .001 | .002 | BF | .006 | .003 | .005 | .018 | .031 | .037 | .042 | .043 | .046 | .046 | .046 | .048 | .050 | .051 | .051 | .041 | .032 | .022 | .013 | .010 | 23 | .051 | |
| 10 | .008 | .007 | .006 | BF | .008 | .005 | .008 | .030 | .044 | .046 | .051 | .054 | .055 | .055 | .055 | .054 | .055 | .058 | .062 | .056 | .050 | .044 | .038 | .023 | 23 | .062 | |
| 11 | .016 | .008 | .005 | BF | .007 | .003 | .007 | .021 | .036 | .039 | .045 | .049 | .052 | .051 | .051 | .052 | .051 | .047 | .047 | .039 | .033 | .029 | .020 | .010 | 23 | .052 | |
| 12 | .014 | .012 | .011 | BF | .001 | .001 | .003 | .016 | .023 | .032 | .039 | .038 | .040 | .043 | .042 | .049 | .047 | .056 | .047 | .034 | .029 | .026 | .028 | .026 | 23 | .056 | |
| 13 | .029 | .023 | .017 | BF | .011 | .008 | .009 | .022 | .028 | .035 | .039 | .040 | .042 | .044 | .042 | .033 | .032 | .028 | .025 | .017 | .012 | .006 | .005 | .007 | 23 | .044 | |
| 14 | .006 | .004 | .004 | BF | .002 | .001 | .004 | .008 | .020 | .038 | .043 | .045 | .046 | .048 | .046 | .046 | .041 | .027 | .030 | .023 | .031 | .028 | .018 | .012 | 23 | .048 | |
| 15 | .008 | .006 | .006 | BF | .006 | .006 | .008 | .012 | .026 | .039 | .044 | .045 | .044 | .044 | .049 | .050 | .043 | .040 | .036 | .035 | .030 | .018 | .015 | .013 | 23 | .050 | |
| 16 | .024 | .024 | .019 | BF | .012 | .011 | .013 | .018 | .018 | .027 | .037 | .044 | .046 | .048 | .054 | .054 | .040 | .031 | .029 | .026 | .014 | .011 | .014 | .015 | 23 | .054 | |
| 17 | .013 | .013 | .018 | BF | .022 | .022 | .025 | .028 | .029 | .034 | .036 | .044 | .046 | .044 | .043 | .045 | .046 | .042 | .030 | .027 | .023 | .013 | .009 | .015 | 23 | .046 | |
| 18 | .013 | .006 | .005 | BF | .003 | .005 | .010 | .020 | .024 | .029 | .032 | .036 | .037 | .037 | .035 | .032 | .032 | .032 | .032 | .031 | .031 | .027 | .021 | .019 | 23 | .037 | |
| 19 | .015 | .014 | .016 | BF | .018 | .017 | .018 | .020 | .022 | .027 | .029 | .033 | .035 | .031 | .035 | .029 | .023 | .024 | .025 | .022 | .019 | .021 | .022 | 23 | .035 | | |
| 20 | .013 | .010 | .010 | BF | .004 | .002 | .003 | .011 | .019 | .031 | .041 | .039 | .040 | .045 | .053 | .051 | .057 | .056 | .047 | .039 | .033 | .025 | .021 | .019 | 23 | .057 | |
| 21 | .019 | .016 | .017 | BF | .017 | .015 | .015 | .017 | .020 | .024 | .028 | .033 | .040 | .039 | .040 | .040 | .038 | .037 | .029 | .023 | .021 | .018 | .014 | .010 | 23 | .040 | |
| 22 | .005 | .002 | .001 | BF | .000 | .000 | .000 | .007 | .013 | .016 | .018 | .019 | .021 | .024 | .024 | .023 | .019 | .013 | .012 | .008 | .007 | .008 | .006 | .005 | 23 | .024 | |
| 23 | .006 | .014 | .012 | BF | .012 | .012 | .011 | .011 | .012 | .015 | .016 | .018 | .019 | .021 | .023 | .026 | .027 | .023 | .022 | .021 | .021 | .021 | .022 | .020 | 23 | .027 | |
| 24 | .020 | .012 | .010 | BF | .006 | .003 | .009 | .023 | .029 | .032 | .033 | .030 | .027 | .030 | .027 | .024 | .024 | .023 | .023 | .021 | .014 | .004 | .002 | .001 | 23 | .033 | |
| 25 | .002 | .003 | .003 | BF | .003 | .008 | .012 | .019 | .028 | .031 | .032 | .036 | .035 | .036 | .032 | .031 | .034 | .034 | .027 | .025 | .014 | .007 | .005 | .003 | 23 | .036 | |
| 26 | .005 | .006 | .011 | BF | .011 | .006 | .013 | .023 | .039 | .045 | .045 | .046 | .047 | .047 | .048 | .044 | .044 | .041 | .037 | .034 | .018 | .012 | .012 | .012 | 23 | .048 | |
| 27 | .009 | .014 | .021 | BF | .014 | .010 | .010 | .023 | .036 | .041 | .042 | .043 | .043 | .041 | .043 | .044 | .045 | .043 | .036 | .022 | .017 | .013 | .012 | 23 | .045 | | |
| 28 | .007 | .008 | .012 | BF | .009 | .006 | .010 | .018 | .041 | BA | .047 | .050 | .051 | .052 | .055 | .057 | .060 | .059 | .056 | .053 | .045 | .042 | .026 | .014 | 22 | .060 | |
| 29 | .009 | .012 | .011 | BF | .006 | .004 | .005 | .023 | .037 | .045 | .052 | .052 | .052 | .053 | .057 | .054 | .051 | .050 | .048 | .044 | .042 | .039 | .033 | .038 | 23 | .057 | |
| 30 | .038 | .043 | .039 | BF | .023 | .025 | .021 | .020 | .020 | .019 | .019 | .025 | .025 | .027 | .026 | .027 | .025 | .028 | .027 | .023 | .021 | .018 | .016 | .018 | 23 | .043 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .040 | .043 | .039 | | .031 | .031 | .033 | .038 | .050 | .055 | .057 | .060 | .059 | .058 | .058 | .057 | .060 | .059 | .062 | .056 | .050 | .044 | .041 | .041 | | | |
| AVG: | .0145 | .0141 | .0137 | | .0113 | .0104 | .0121 | .0209 | .0297 | .0346 | .0389 | .0412 | .0424 | .0429 | .0433 | .0431 | .0416 | .0399 | .0371 | .0325 | .0277 | .0223 | .0184 | .0159 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0282 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-003-0005 POC: 1
 COUNTY: (003) Alexander
 CITY: (66960) Taylorsville
 SITE ADDRESS: 700 Liledoun Road
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.9138000009
 LONGITUDE: -81.191
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 365
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .016 | .014 | .012 | BF | .010 | .011 | .012 | .014 | .018 | .021 | .026 | .029 | .032 | .035 | .034 | .041 | .040 | .037 | .030 | .031 | .024 | .021 | .021 | .017 | 23 | .041 |
| 2 | .014 | .013 | .011 | BF | .004 | .004 | .009 | .023 | .033 | .038 | .041 | .043 | .044 | .044 | .038 | .039 | .040 | .039 | .036 | .030 | .018 | .008 | .003 | .004 | 23 | .044 |
| 3 | .008 | .002 | .001 | BF | .005 | .001 | .002 | .014 | .034 | .042 | .046 | .052 | .046 | .056 | .058 | .040 | .035 | .029 | .027 | .025 | .018 | .016 | .012 | .009 | 23 | .058 |
| 4 | .006 | .007 | .006 | BF | .005 | .006 | .012 | .011 | .019 | .025 | .029 | .031 | .033 | .033 | .028 | .024 | .019 | .021 | .023 | .021 | .010 | .008 | .005 | .006 | 23 | .033 |
| 5 | .006 | .004 | .004 | BF | .004 | .002 | .007 | .015 | .021 | .024 | .027 | .031 | .033 | .030 | .032 | .025 | .018 | .013 | .012 | .013 | .009 | .007 | .002 | .002 | 23 | .033 |
| 6 | .003 | .004 | .005 | BF | .002 | .002 | .003 | .012 | .019 | .024 | .025 | .026 | .025 | .025 | .030 | .030 | .029 | .029 | .029 | .024 | .020 | .017 | .014 | .012 | 23 | .030 |
| 7 | .010 | .009 | .012 | BF | .004 | .003 | .004 | .011 | .014 | .015 | .024 | .035 | .039 | .040 | .041 | .042 | .041 | .039 | .038 | .028 | .016 | .013 | .011 | .007 | 23 | .042 |
| 8 | .010 | .009 | .005 | BF | .007 | .006 | .009 | .019 | .028 | .037 | .041 | .045 | .046 | .042 | .040 | .036 | .036 | .035 | .033 | .027 | .012 | .015 | .011 | .010 | 23 | .046 |
| 9 | .010 | .010 | .008 | BF | .004 | .005 | .009 | .015 | .028 | .040 | .044 | .045 | .046 | .047 | .047 | .047 | .049 | .045 | .036 | .030 | .013 | .010 | .006 | 23 | .049 | |
| 10 | .004 | .002 | .004 | BF | .003 | .007 | .010 | .022 | .036 | .039 | .045 | .046 | .046 | .044 | .042 | .049 | .054 | .050 | .048 | .043 | .040 | .037 | .031 | .022 | 23 | .054 |
| 11 | .016 | .012 | .011 | BF | .008 | .007 | .015 | .017 | .025 | .034 | .040 | .045 | .060 | .048 | .048 | .050 | .050 | .051 | .046 | .041 | .036 | .028 | .025 | .014 | 23 | .060 |
| 12 | .016 | .013 | .004 | BF | .000 | .000 | .001 | .015 | .029 | .037 | .044 | .052 | .048 | .047 | .049 | .052 | .054 | .052 | .046 | .044 | .037 | .025 | .018 | .010 | 23 | .054 |
| 13 | .006 | .006 | .003 | BF | .002 | .000 | .003 | .018 | .031 | BA | .040 | .043 | .046 | .048 | .048 | .040 | .036 | .036 | .040 | .027 | .016 | .016 | .026 | .025 | 22 | .048 |
| 14 | .021 | .012 | .015 | BF | .009 | .004 | .006 | .012 | .025 | .029 | .037 | .042 | .040 | .040 | .040 | .039 | .034 | .030 | .019 | .017 | .014 | .011 | .010 | .010 | 23 | .042 |
| 15 | .008 | .005 | .003 | BF | .004 | .002 | .003 | .013 | .024 | .037 | .041 | .042 | .043 | .046 | .043 | .038 | .032 | .031 | .029 | .018 | .013 | .015 | .006 | .002 | 23 | .046 |
| 16 | .000 | .002 | .001 | BF | .001 | .001 | .001 | .012 | .027 | .034 | .038 | .040 | .040 | .040 | .041 | .042 | .040 | .037 | .036 | .033 | .024 | .015 | .010 | .014 | 23 | .042 |
| 17 | .010 | .007 | .002 | BF | .000 | .001 | .001 | .009 | .019 | BA | BA | .046 | .047 | .049 | .063 | .060 | .048 | .035 | .024 | .024 | .017 | .015 | .009 | .005 | 21 | .063 |
| 18 | .004 | .003 | .001 | BF | .002 | .003 | .008 | .017 | .027 | .033 | .039 | .045 | .053 | .057 | .056 | .040 | .038 | .038 | .033 | .037 | .045 | .045 | .042 | .032 | 23 | .057 |
| 19 | .023 | .016 | .011 | BF | .003 | .002 | .006 | .019 | .031 | .037 | .039 | .043 | .048 | .041 | .046 | .047 | .046 | .048 | .046 | .037 | .031 | .030 | .024 | .020 | 23 | .048 |
| 20 | .018 | .020 | .011 | BF | .007 | .006 | .010 | .017 | .027 | .038 | .044 | .046 | .050 | .052 | .053 | .052 | .052 | .056 | .052 | .038 | .023 | .018 | .009 | .012 | 23 | .056 |
| 21 | .011 | .006 | .007 | BF | .003 | .002 | .004 | .016 | .035 | .043 | .049 | .052 | .053 | .050 | .049 | .056 | .044 | .040 | .040 | .037 | .024 | .011 | .006 | .010 | 23 | .056 |
| 22 | .010 | .008 | .008 | BF | .006 | .004 | .006 | .015 | .027 | .037 | .044 | .050 | .052 | .047 | .046 | .038 | .035 | .032 | .032 | .029 | .025 | .020 | .026 | .029 | 23 | .052 |
| 23 | .026 | .024 | .019 | BF | .008 | .006 | .010 | .016 | .022 | .031 | .034 | .036 | .039 | .037 | .035 | .030 | .033 | .029 | .026 | .025 | .021 | .023 | .026 | .026 | 23 | .039 |
| 24 | .022 | .023 | .015 | BF | .009 | .009 | .011 | .013 | .017 | .021 | .030 | .040 | .046 | .049 | .048 | .049 | .047 | .042 | .034 | .029 | .017 | .010 | .009 | .009 | 23 | .049 |
| 25 | .009 | .012 | .006 | BF | .006 | .003 | .008 | .021 | .039 | .049 | .053 | .053 | .053 | .052 | .053 | .054 | .055 | .051 | .048 | .039 | .026 | .024 | .020 | 23 | .055 | |
| 26 | .026 | .014 | .012 | BF | .032 | .033 | .031 | .031 | .031 | .033 | .037 | .041 | .043 | .050 | .052 | .055 | .059 | .068 | .067 | .052 | .034 | .018 | .013 | .008 | 23 | .068 |
| 27 | .005 | .005 | .006 | BF | .012 | .007 | .016 | .024 | .033 | .043 | .048 | .048 | .047 | .050 | .053 | .041 | .031 | .021 | .018 | .009 | .004 | .003 | .001 | .000 | 23 | .053 |
| 28 | .001 | .002 | .002 | BF | .001 | .001 | .001 | .000 | .005 | BA | .023 | .028 | .041 | .039 | .038 | .029 | .029 | .027 | .022 | .015 | .008 | .003 | .003 | .005 | 22 | .041 |
| 29 | .003 | .003 | .004 | BF | .008 | .018 | .018 | .028 | .040 | .043 | .046 | .046 | .049 | .053 | .050 | .053 | .047 | .044 | .042 | .038 | .037 | .034 | .031 | 23 | .053 | |
| 30 | .029 | .026 | .024 | BF | .021 | .017 | .022 | .024 | .032 | .034 | .037 | .038 | .040 | .042 | .042 | .042 | .043 | .043 | .040 | .035 | .030 | .016 | .010 | .007 | 23 | .043 |
| 31 | .008 | .010 | .013 | BF | .006 | .003 | .005 | .015 | .029 | .038 | .036 | .036 | .037 | .040 | .039 | .040 | .040 | .039 | .039 | .033 | .024 | .016 | .011 | .006 | 23 | .040 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 28 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .029 | .026 | .024 | | .032 | .033 | .031 | .031 | .040 | .049 | .053 | .053 | .060 | .057 | .063 | .060 | .059 | .068 | .067 | .052 | .045 | .045 | .042 | .032 | | |
| AVG: | .0116 | .0098 | .0079 | | .0063 | .0057 | .0085 | .0164 | .0266 | .0341 | .0382 | .0418 | .0440 | .0443 | .0446 | .0425 | .0404 | .0387 | .0358 | .0307 | .0235 | .0182 | .0149 | .0126 | | |

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .0259 MONTHLY MAX: .068

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-003-0005 POC: 1
 COUNTY: (003) Alexander
 CITY: (66960) Taylorsville
 SITE ADDRESS: 700 Liledoun Road
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.9138000009
 LONGITUDE: -81.191
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 365
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .004 | .007 | .005 | BF | .004 | .003 | .008 | .023 | .039 | .049 | .050 | .051 | .049 | .050 | .051 | .054 | .046 | .049 | .044 | .033 | .021 | .012 | .010 | .007 | 23 | .054 |
| 2 | .013 | .010 | .011 | BF | .005 | .009 | .010 | .009 | .018 | .030 | .040 | .056 | .062 | .065 | .063 | .058 | .054 | .050 | .046 | .044 | .032 | .016 | .008 | .005 | 23 | .065 |
| 3 | .004 | .004 | .005 | BF | .002 | .004 | .009 | .021 | .028 | .041 | .051 | .051 | .053 | .052 | .056 | .064 | .063 | .068 | .069 | .064 | .060 | .050 | .041 | .031 | 23 | .069 |
| 4 | .025 | .016 | .006 | BF | .006 | .003 | .002 | .017 | .032 | .038 | .047 | .042 | .045 | .049 | .047 | .053 | .052 | .048 | .045 | .033 | .025 | .015 | .012 | .008 | 23 | .053 |
| 5 | .008 | .010 | .009 | BF | .008 | .003 | .003 | .008 | .021 | .033 | .036 | .037 | .039 | .039 | .040 | .042 | .042 | .040 | .038 | .032 | .026 | .020 | .018 | .017 | 23 | .042 |
| 6 | .009 | .008 | .013 | BF | .007 | .008 | .008 | .017 | .029 | .037 | .041 | .044 | .046 | .047 | .047 | .048 | .052 | .054 | .051 | .042 | .037 | .023 | .026 | .023 | 23 | .054 |
| 7 | .018 | .009 | .004 | BF | .021 | .016 | .014 | .013 | .012 | BA | .013 | .017 | .019 | .019 | .021 | .023 | .023 | .019 | .026 | .013 | .018 | .020 | .015 | .012 | 22 | .026 |
| 8 | .012 | .007 | .010 | BF | .009 | .008 | .005 | .009 | .015 | .025 | .028 | .029 | .032 | .032 | .036 | .042 | .044 | .039 | .033 | .034 | .035 | .033 | .021 | .012 | 23 | .044 |
| 9 | .011 | .013 | .008 | BF | .005 | .005 | .008 | .018 | .032 | .038 | .045 | .050 | .051 | .055 | .056 | .054 | .055 | .056 | .051 | .042 | .026 | .012 | .010 | .006 | 23 | .056 |
| 10 | .005 | .004 | .004 | BF | .001 | .001 | .004 | .007 | .028 | AZ | .047 | .047 | .051 | .051 | .052 | .055 | .058 | .054 | .048 | .040 | .025 | .018 | .011 | .008 | 22 | .058 |
| 11 | .010 | .007 | .005 | BF | .004 | .005 | .009 | .016 | .014 | .018 | .027 | .032 | .034 | .028 | .027 | .030 | .033 | .029 | .019 | .011 | .005 | .002 | .000 | .000 | 23 | .034 |
| 12 | .000 | .001 | .002 | BF | .004 | .003 | .003 | .010 | .019 | .021 | .023 | .028 | .032 | .034 | .033 | .025 | .026 | .019 | .019 | .018 | .012 | .009 | .007 | .007 | 23 | .034 |
| 13 | .002 | .003 | .005 | BF | .003 | .002 | .003 | .011 | .028 | .039 | .041 | .040 | .041 | .038 | .038 | .041 | .050 | .044 | .039 | .034 | .033 | .031 | .030 | .028 | 23 | .050 |
| 14 | .026 | .021 | .022 | BF | .020 | .016 | .013 | .020 | .022 | .025 | .025 | .030 | .031 | .036 | .037 | .042 | .045 | .043 | .031 | .020 | .010 | .006 | .019 | .024 | 23 | .045 |
| 15 | .023 | .015 | .010 | BF | .005 | .013 | .017 | .019 | .022 | .025 | .028 | .032 | .035 | .033 | .030 | .031 | .031 | .029 | .025 | .022 | .019 | .007 | .004 | .005 | 23 | .035 |
| 16 | .004 | .005 | .004 | BF | .002 | .003 | .007 | .011 | .026 | .038 | .039 | .039 | .039 | .038 | .037 | .037 | .034 | .032 | .029 | .019 | .015 | .012 | .013 | .008 | 23 | .039 |
| 17 | .003 | .001 | .000 | BF | .002 | .002 | .002 | .008 | .031 | .042 | .050 | .049 | .048 | .053 | .045 | .041 | .036 | .035 | .029 | .021 | .014 | .010 | .005 | .004 | 23 | .053 |
| 18 | .004 | .002 | .001 | BF | .001 | .002 | .003 | .007 | .020 | .025 | .026 | .028 | .036 | .029 | .028 | .026 | .023 | .020 | .017 | .020 | .013 | .003 | .002 | .001 | 23 | .036 |
| 19 | .001 | .001 | .003 | BF | .012 | .006 | .004 | .018 | .033 | .042 | .042 | .044 | .045 | .044 | .045 | .047 | .046 | .046 | .042 | .028 | .015 | .007 | .004 | .006 | 23 | .047 |
| 20 | .003 | .005 | .007 | BF | .003 | .005 | .006 | .012 | .031 | .046 | .048 | .048 | .047 | .047 | .051 | .055 | .054 | .055 | .048 | .034 | .019 | .010 | .007 | .004 | 23 | .055 |
| 21 | .006 | .006 | .003 | BF | .011 | .007 | .003 | .010 | .026 | .043 | .049 | .047 | .048 | .047 | .052 | .065 | .055 | .052 | .045 | .032 | .016 | .008 | .005 | .004 | 23 | .065 |
| 22 | .005 | .002 | .001 | BF | .000 | .000 | .002 | .012 | .021 | .033 | .039 | .045 | .048 | .049 | .050 | .050 | .047 | .048 | .051 | .045 | .038 | .030 | .023 | .015 | 23 | .051 |
| 23 | .008 | .003 | .003 | BF | .003 | .001 | .000 | .005 | .021 | .036 | .039 | .039 | .040 | .039 | .042 | .039 | .045 | .041 | .037 | .033 | .022 | .023 | .023 | .030 | 23 | .045 |
| 24 | .033 | .031 | .027 | BF | .025 | .027 | .024 | .031 | .040 | .044 | .047 | .047 | .046 | .047 | .047 | .048 | .048 | .048 | .047 | .037 | .029 | .031 | .030 | .032 | 23 | .048 |
| 25 | .030 | .034 | .031 | BF | .020 | .022 | .013 | .017 | .030 | .039 | .041 | .046 | .050 | .051 | .052 | .052 | .052 | .051 | .045 | .034 | .019 | .012 | .008 | .009 | 23 | .052 |
| 26 | .008 | .007 | .007 | BF | .012 | .015 | .016 | .029 | .037 | .037 | .039 | .041 | .043 | .045 | .048 | .047 | .048 | .047 | .044 | .044 | .030 | .044 | .039 | .038 | 23 | .048 |
| 27 | .037 | .036 | .037 | BF | .028 | .026 | .032 | .036 | .040 | .043 | .046 | .047 | .049 | .050 | .050 | .049 | .051 | .049 | .047 | .045 | .044 | .039 | .028 | .034 | 23 | .051 |
| 28 | .038 | .039 | .040 | BF | .031 | .028 | .023 | .034 | .041 | .042 | .043 | .043 | .044 | .044 | .043 | .042 | .040 | .039 | .038 | .037 | .037 | .041 | .042 | .040 | 23 | .044 |
| 29 | .038 | .036 | .035 | BF | .030 | .029 | .030 | .033 | .032 | .034 | .035 | .034 | .036 | .037 | .036 | .037 | .036 | .034 | .027 | .017 | .015 | .010 | .008 | 23 | .038 | |
| 30 | .010 | .010 | .013 | BF | .006 | .016 | .020 | .020 | .026 | .029 | .034 | .039 | .043 | .045 | .046 | .048 | .045 | .043 | .048 | .046 | .038 | .036 | .039 | .032 | 23 | .048 |
| 31 | .026 | .024 | .021 | BF | .012 | .011 | .006 | .009 | .016 | .020 | .025 | .026 | .023 | .022 | .019 | .017 | .016 | .015 | .013 | .007 | .005 | .006 | .009 | .011 | 23 | .026 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .038 | .039 | .040 | | .031 | .029 | .032 | .036 | .041 | .049 | .051 | .056 | .062 | .065 | .063 | .065 | .063 | .068 | .069 | .064 | .060 | .050 | .042 | .040 | | |
| AVG: | .0137 | .0122 | .0114 | | .0097 | .0096 | .0099 | .0165 | .0268 | .0349 | .0382 | .0403 | .0421 | .0424 | .0427 | .0439 | .0436 | .0419 | .0386 | .0320 | .0244 | .0194 | .0167 | .0151 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0272 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-003-0005 POC: 1
 COUNTY: (003) Alexander
 CITY: (66960) Taylorsville
 SITE ADDRESS: 700 Liledoun Road
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.9138000009
 LONGITUDE: -81.191
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 365
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .009 | .005 | .003 | BF | .009 | .009 | .008 | .010 | .012 | .013 | .015 | .017 | .022 | .033 | .034 | .024 | .019 | .023 | .022 | .021 | .019 | .018 | .018 | .017 | 23 | .034 | |
| 2 | .017 | .017 | .018 | BF | .015 | .015 | .015 | .014 | .014 | .014 | .014 | .019 | .024 | .031 | .022 | .014 | .017 | .013 | .009 | .003 | .003 | .002 | .004 | .010 | 23 | .031 | |
| 3 | .009 | .007 | .004 | BF | .002 | .002 | .003 | .009 | .024 | .034 | .036 | .037 | .038 | .041 | .040 | .041 | .040 | .038 | .034 | .026 | .015 | .009 | .007 | .007 | 23 | .041 | |
| 4 | .006 | .007 | .011 | BF | .008 | .009 | .007 | .009 | .027 | .038 | .040 | .047 | .049 | .049 | .051 | .049 | .049 | .048 | .044 | .041 | .035 | .032 | .016 | .008 | 23 | .051 | |
| 5 | .006 | .008 | .005 | BF | .006 | .003 | .001 | .012 | .022 | .030 | .039 | .050 | .048 | .048 | .052 | .057 | .045 | .041 | .031 | .029 | .023 | .029 | .024 | .026 | 23 | .057 | |
| 6 | .026 | .021 | .018 | BF | .017 | .014 | .013 | .015 | .023 | .025 | .026 | .028 | .029 | .030 | .028 | .026 | .029 | .030 | .018 | .007 | .004 | .005 | .004 | .003 | 23 | .030 | |
| 7 | .001 | .001 | .002 | BF | .004 | .005 | .004 | .010 | .023 | BA | .035 | .035 | .037 | .038 | .037 | .037 | .038 | .034 | .032 | .023 | .011 | .007 | .012 | .008 | 22 | .038 | |
| 8 | .010 | .009 | .009 | BF | AS | AS | 3 | .010 |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 10 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 11 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 12 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 13 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 14 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 15 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 16 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 17 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 18 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 19 | AO | AO | AO | AO | AO | AO | AO | AO | BA | BC | BC | BC | .045 | .047 | .048 | .049 | .048 | .045 | .036 | .024 | .014 | .006 | .005 | .008 | 12 | .049 | |
| 20 | .009 | .006 | .006 | BF | .004 | .004 | .001 | .002 | .023 | .038 | .042 | .044 | .041 | .040 | .040 | .042 | .041 | .040 | .033 | .024 | .017 | .010 | .007 | .006 | 23 | .044 | |
| 21 | .007 | .013 | .015 | BF | .011 | .013 | .012 | .013 | .026 | .040 | .044 | .045 | .044 | .045 | .047 | .042 | .041 | .035 | .032 | .019 | .012 | .007 | .003 | .002 | 23 | .047 | |
| 22 | .002 | .005 | .002 | BF | .002 | .002 | .002 | .002 | .015 | .041 | .049 | .051 | .050 | .051 | .050 | .050 | .052 | .051 | .041 | .029 | .014 | .008 | .006 | .006 | 23 | .052 | |
| 23 | .007 | .006 | .007 | BF | .007 | .004 | .004 | .006 | .020 | .045 | .051 | .051 | .037 | .047 | .040 | .047 | .028 | .033 | .028 | .014 | .004 | .002 | .001 | .002 | 23 | .051 | |
| 24 | .005 | .004 | .004 | BF | .004 | .006 | .006 | .008 | .017 | .036 | .047 | .044 | .042 | .041 | .040 | .042 | .043 | .039 | .031 | .020 | .018 | .019 | .015 | .015 | 23 | .047 | |
| 25 | .008 | .009 | .007 | BF | .012 | .006 | .003 | .010 | .023 | .033 | .042 | .047 | .047 | .047 | .047 | .047 | .044 | .038 | .029 | .018 | .016 | .018 | .012 | .009 | 23 | .047 | |
| 26 | .019 | .018 | .016 | BF | .013 | .014 | .009 | .012 | .025 | .041 | .043 | .041 | .041 | .040 | .037 | .038 | .037 | .036 | .028 | .018 | .015 | .008 | .007 | .006 | 23 | .043 | |
| 27 | .004 | .006 | .011 | BF | .005 | .005 | .007 | .009 | .025 | .039 | .041 | .043 | .044 | .045 | .048 | .046 | .038 | .030 | .026 | .025 | .034 | .036 | .039 | 23 | .048 | | |
| 28 | .032 | .032 | .034 | BF | .036 | .035 | .034 | .025 | .044 | .056 | .058 | .058 | .058 | .058 | .054 | .050 | .050 | .047 | .045 | .036 | .037 | .041 | .039 | .035 | 23 | .058 | |
| 29 | .033 | .041 | .041 | BF | .039 | .037 | .036 | .032 | .033 | .037 | .039 | .042 | .044 | .045 | .046 | .048 | .048 | .045 | .033 | .023 | .017 | .010 | .013 | .008 | 23 | .048 | |
| 30 | .006 | .006 | .013 | BF | .024 | .021 | .028 | .031 | .040 | .042 | .044 | .043 | .044 | .044 | .044 | .043 | .043 | .040 | .035 | .029 | .020 | .015 | .023 | .032 | 23 | .044 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| NO.: | 19 | 19 | 19 | | 18 | 18 | 18 | 18 | 18 | 17 | 18 | 18 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | | | |
| MAX: | .033 | .041 | .041 | | .039 | .037 | .036 | .032 | .044 | .056 | .058 | .058 | .058 | .058 | .054 | .057 | .052 | .051 | .045 | .041 | .037 | .041 | .039 | .039 | | | |
| AVG: | .0114 | .0116 | .0119 | | .0121 | .0113 | .0107 | .0127 | .0242 | .0354 | .0392 | .0412 | .0413 | .0432 | .0422 | .0418 | .0399 | .0376 | .0311 | .0226 | .0168 | .0147 | .0133 | .0130 | | | |

MONTHLY OBSERVATIONS: 428 MONTHLY MEAN: .0252 MONTHLY MAX: .058

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-003-0005 POC: 1
 COUNTY: (003) Alexander
 CITY: (66960) Taylorsville
 SITE ADDRESS: 700 Liledoun Road
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.9138000009
 LONGITUDE: -81.191
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 365
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .029 | .028 | .026 | BF | .022 | .023 | .020 | .021 | .026 | .029 | .031 | .033 | .035 | .036 | .037 | .038 | .038 | .036 | .029 | .020 | .014 | .014 | .008 | .007 | 23 | .038 |
| 2 | .009 | .007 | .007 | BF | .004 | .005 | .003 | .006 | .014 | .031 | .035 | .038 | .041 | .042 | .045 | .048 | .051 | .049 | .035 | .025 | .020 | .015 | .015 | .010 | 23 | .051 |
| 3 | .007 | .008 | .008 | BF | .006 | .003 | .001 | .011 | .027 | .037 | .040 | .042 | .045 | .047 | .047 | .048 | .048 | .045 | .033 | .029 | .018 | .012 | .009 | .008 | 23 | .048 |
| 4 | .009 | .007 | .007 | BF | .010 | .011 | .011 | .010 | .024 | .040 | .044 | .047 | .048 | .048 | .050 | .052 | .053 | .051 | .042 | .033 | .019 | .017 | .016 | .012 | 23 | .053 |
| 5 | .014 | .013 | .012 | BF | .012 | .012 | .012 | .011 | .025 | BA | .049 | .053 | .053 | .054 | .056 | .059 | .059 | .054 | .046 | .040 | .028 | .021 | .017 | .017 | 22 | .059 |
| 6 | .020 | .016 | .012 | BF | .007 | .006 | .003 | .011 | .029 | .041 | .041 | .044 | .052 | .053 | .053 | .055 | .053 | .049 | .043 | .031 | .025 | .015 | .011 | .011 | 23 | .055 |
| 7 | .016 | .011 | .013 | BF | .007 | .007 | .003 | .009 | .025 | .031 | .036 | .035 | .034 | .034 | .030 | .026 | .024 | .021 | .017 | .016 | .017 | .016 | .013 | .014 | 23 | .036 |
| 8 | .011 | .010 | .008 | BF | .005 | .004 | .003 | .005 | .006 | .008 | .007 | .008 | .010 | .012 | .014 | .015 | .016 | .014 | .012 | .012 | .014 | .014 | .014 | .014 | 23 | .016 |
| 9 | .015 | .020 | .016 | BF | .017 | .014 | .013 | .013 | .012 | .012 | .015 | .019 | .024 | .026 | .026 | .025 | .023 | .021 | .017 | .012 | .005 | .004 | .001 | .005 | 23 | .026 |
| 10 | .001 | .002 | .001 | BF | .003 | .001 | .013 | .014 | .013 | .016 | .020 | .023 | .024 | .029 | .030 | .031 | .030 | .024 | .018 | .018 | .011 | .007 | .004 | .001 | 23 | .031 |
| 11 | .001 | .003 | .004 | BF | .003 | .001 | .000 | .001 | .008 | .018 | .023 | .031 | .035 | .036 | .038 | .034 | .035 | .031 | .023 | .012 | .005 | .002 | .000 | .002 | 23 | .038 |
| 12 | .003 | .002 | .002 | BF | .000 | .001 | .000 | .000 | .014 | .024 | .031 | .035 | .034 | .036 | .038 | .034 | .031 | .029 | .028 | .028 | .027 | .026 | .026 | .021 | 23 | .038 |
| 13 | .017 | .016 | .015 | BF | .014 | .013 | .016 | .016 | .017 | .017 | .017 | .018 | .019 | .021 | .020 | .018 | .018 | .015 | .014 | .015 | .016 | .015 | .016 | .013 | 23 | .021 |
| 14 | .013 | .011 | .008 | BF | .007 | .008 | .006 | .009 | .011 | .013 | .015 | .016 | .019 | .022 | .025 | .027 | .030 | .023 | .013 | .005 | .002 | .001 | .000 | .000 | 23 | .030 |
| 15 | .000 | .000 | .000 | BF | .000 | .001 | .000 | .001 | .010 | .016 | .019 | .023 | .027 | .031 | .033 | .032 | .034 | .035 | .030 | .024 | .023 | .020 | .018 | .015 | 23 | .035 |
| 16 | .011 | .010 | .008 | BF | .026 | .019 | .016 | .015 | .016 | .022 | .027 | .030 | .032 | .032 | .033 | .034 | .035 | .036 | .035 | .033 | .031 | .027 | .021 | .020 | 23 | .036 |
| 17 | .017 | .016 | .015 | BF | .006 | .011 | .007 | .012 | .022 | .031 | .036 | .037 | .039 | .040 | .041 | .042 | .041 | .034 | .024 | .016 | .012 | .008 | .005 | .007 | 23 | .042 |
| 18 | .007 | .006 | .009 | BF | .007 | .006 | .003 | .004 | .013 | .024 | .033 | .038 | .031 | .042 | .044 | .046 | .046 | .035 | .025 | .016 | .011 | .011 | .011 | .010 | 23 | .046 |
| 19 | .009 | .009 | .010 | BF | .005 | .006 | .005 | .009 | .015 | BA | .041 | .044 | .049 | .051 | .052 | .052 | .051 | .046 | .034 | .026 | .019 | .016 | .016 | .009 | 22 | .052 |
| 20 | .011 | .018 | .016 | BF | .015 | .011 | .006 | .006 | .013 | .031 | .039 | .048 | .049 | .051 | .053 | .056 | .056 | .045 | .036 | .022 | .023 | .021 | .014 | .014 | 23 | .056 |
| 21 | .013 | .011 | .010 | BF | .010 | .009 | .007 | .010 | .020 | .038 | .053 | .057 | .061 | .060 | .060 | .062 | .057 | .044 | .036 | .022 | .015 | .012 | .013 | .007 | 23 | .062 |
| 22 | .010 | .011 | .011 | BF | .006 | .006 | .005 | .006 | .020 | .039 | .042 | .042 | .045 | .045 | .047 | .045 | .047 | .042 | .030 | .019 | .017 | .013 | .011 | .012 | 23 | .047 |
| 23 | .010 | .008 | .010 | BF | .024 | .027 | .028 | .024 | .026 | .021 | .018 | .021 | .024 | .024 | .022 | .023 | .034 | .031 | .026 | .021 | .015 | .017 | .025 | .016 | 23 | .034 |
| 24 | .013 | .013 | .011 | AV | .007 | .007 | .004 | .005 | .020 | .028 | .034 | .038 | .038 | .040 | .041 | .037 | .032 | .025 | .032 | .036 | .036 | .035 | .034 | .029 | 23 | .041 |
| 25 | .025 | .014 | .009 | BF | .009 | .011 | .007 | .010 | .023 | .032 | .035 | .036 | .036 | .034 | .033 | .032 | .029 | .029 | .029 | .026 | .023 | .018 | .015 | .014 | 23 | .036 |
| 26 | .027 | .028 | .024 | BF | .014 | .011 | .008 | .008 | .025 | .036 | .038 | .039 | .041 | .041 | .042 | .042 | .041 | .036 | .030 | .016 | .012 | .012 | .010 | .007 | 23 | .042 |
| 27 | .005 | .003 | .005 | BF | .005 | .004 | .003 | .002 | .015 | .025 | .032 | .037 | .041 | .047 | .050 | .051 | .049 | .045 | .038 | .030 | .037 | .030 | .022 | .021 | 23 | .051 |
| 28 | .021 | .033 | .033 | BF | .028 | .018 | .011 | .010 | .025 | .034 | .040 | .040 | .042 | .043 | .040 | .038 | .035 | .028 | .020 | .016 | .022 | .030 | .028 | .027 | 23 | .043 |
| 29 | .029 | .026 | .023 | BF | .021 | .019 | .021 | .012 | .011 | .012 | .013 | .014 | .017 | .019 | .020 | .019 | .021 | .023 | .023 | .024 | .024 | .023 | .023 | .022 | 23 | .029 |
| 30 | .023 | .022 | .022 | BF | .023 | .023 | .022 | .017 | .024 | .030 | .032 | .035 | .037 | .039 | .041 | .038 | .037 | .032 | .031 | .029 | .020 | .012 | .008 | .005 | 23 | .041 |
| 31 | .008 | .006 | .003 | BF | .004 | .003 | .001 | .000 | .005 | .024 | .035 | .041 | .046 | .048 | .049 | .052 | .053 | .044 | .032 | .026 | .017 | .015 | .010 | .010 | 23 | .053 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .029 | .033 | .033 | | .028 | .027 | .028 | .024 | .029 | .041 | .053 | .057 | .061 | .060 | .060 | .062 | .059 | .054 | .046 | .040 | .037 | .035 | .034 | .029 | | |
| AVG: | .0130 | .0125 | .0115 | | .0105 | .0097 | .0083 | .0093 | .0179 | .0262 | .0313 | .0343 | .0364 | .0382 | .0390 | .0391 | .0389 | .0346 | .0284 | .0225 | .0186 | .0161 | .0140 | .0123 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0227 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-003-0005 POC: 1
 COUNTY: (003) Alexander
 CITY: (66960) Taylorsville
 SITE ADDRESS: 700 Liledoun Road
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.9138000009
 LONGITUDE: -81.191
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 365
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .008 | .005 | .007 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .008 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .008 | .005 | .007 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0080 | .0050 | .0070 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0067 MONTHLY MAX: .008

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-011-0002 POC: 1
 COUNTY: (011) Avery
 CITY: (00000) Not in a city
 SITE ADDRESS: 7510 BLUE RIDGE PARKWAY SPUR
 SITE COMMENTS: IMPROVED SAMPLING SYSTEM LOCATED ON EAST SIDE OF THE BUILDING
 MONITOR COMMENTS: NEW AND IMPROVED LOCATION 82METERS AWAY FROM ORIGINAL LOC0001

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.972347
 LONGITUDE: -81.933072
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 987
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .026 | .017 | .018 | BF | .031 | .022 | .010 | .004 | .005 | .025 | .034 | .033 | .028 | .026 | .028 | .024 | .031 | .040 | .042 | .038 | .038 | .038 | .038 | .042 | 23 | .042 |
| 2 | .044 | .042 | .042 | BF | .034 | .035 | .036 | .037 | .039 | .040 | .041 | .042 | .043 | .044 | .045 | .046 | .046 | .045 | .044 | .043 | .043 | .043 | .043 | .043 | AV | .046 |
| 3 | .037 | .043 | .043 | BF | .042 | .041 | .040 | .040 | .041 | .042 | .043 | .044 | .045 | .045 | .045 | .045 | .045 | .045 | .044 | .042 | .041 | .041 | .039 | .036 | 23 | .045 |
| 4 | .034 | .032 | .032 | BF | .041 | .030 | .029 | .023 | .032 | .046 | .048 | .050 | .050 | .051 | .051 | .052 | .053 | .052 | .043 | .033 | .031 | .027 | .024 | .023 | 23 | .053 |
| 5 | .022 | .019 | .017 | BF | .015 | .015 | .015 | .014 | .021 | .042 | .045 | .045 | .047 | .048 | .049 | .052 | .052 | .051 | .046 | .034 | .033 | .028 | .025 | .023 | 23 | .052 |
| 6 | .021 | .019 | .018 | BF | .017 | .015 | .013 | .012 | .014 | .023 | .049 | .048 | .049 | .049 | .049 | .050 | .050 | .051 | .052 | .049 | .046 | .045 | .044 | .044 | 23 | .052 |
| 7 | .044 | .043 | .042 | BF | .043 | .045 | .046 | .046 | .045 | .045 | .044 | .046 | .047 | .047 | .047 | .046 | .043 | .040 | .030 | .040 | .041 | .043 | .042 | .030 | 23 | .047 |
| 8 | .032 | .016 | .021 | BF | .041 | .039 | .038 | .041 | .045 | .047 | BA | BA | .051 | .051 | .052 | .052 | .052 | .051 | .050 | .049 | .048 | .047 | .047 | .048 | 21 | .052 |
| 9 | .046 | .040 | .039 | BF | .024 | .021 | .019 | .017 | .019 | .034 | .051 | .052 | .054 | .054 | .054 | .056 | .057 | .055 | .049 | .042 | .037 | .032 | .029 | .028 | 23 | .057 |
| 10 | .022 | .020 | .018 | BF | .020 | .034 | .033 | .042 | .048 | .046 | .045 | AV | AV | AV | AV | AV | .046 | .047 | .047 | .047 | .046 | .046 | .045 | .044 | 18 | .048 |
| 11 | .043 | .042 | .040 | BF | .037 | .039 | .037 | .038 | .040 | .041 | .044 | .047 | .047 | .048 | .049 | .049 | .049 | .046 | .043 | .041 | .038 | .038 | .039 | .040 | 23 | .049 |
| 12 | .041 | .039 | .038 | BF | .037 | .039 | .037 | .037 | .038 | .040 | .041 | .039 | .042 | .042 | .043 | .044 | .046 | .045 | .041 | .034 | .032 | .031 | .028 | .023 | 23 | .046 |
| 13 | .020 | .018 | .015 | BF | .014 | .019 | .016 | .014 | .030 | .047 | .045 | .047 | .046 | .045 | .045 | .044 | .043 | .040 | .040 | .039 | .040 | .036 | .033 | .027 | 23 | .047 |
| 14 | .024 | .021 | .024 | BF | .034 | .034 | .036 | .035 | .036 | .035 | .032 | .033 | .033 | .036 | .035 | .035 | .037 | .038 | .040 | .039 | .040 | .041 | .041 | .041 | 23 | .041 |
| 15 | .041 | .041 | .042 | BF | .041 | .041 | .042 | .041 | .041 | .042 | .042 | AV | .038 | .044 | .044 | .044 | .044 | .043 | .042 | .041 | .041 | .041 | .041 | .040 | 22 | .044 |
| 16 | .041 | .041 | .041 | BF | .041 | .037 | .036 | .041 | .045 | .046 | .047 | .048 | .049 | .050 | .051 | .052 | .052 | .051 | .047 | .043 | .048 | .048 | .046 | .036 | 23 | .052 |
| 17 | .034 | .030 | .028 | BF | .023 | .023 | .024 | .025 | .029 | .039 | .049 | .047 | .048 | .052 | .052 | .052 | .047 | .043 | .043 | .037 | .045 | .034 | .025 | .023 | 23 | .052 |
| 18 | .017 | .018 | .026 | BF | .018 | .023 | .012 | .008 | .010 | .023 | .038 | .045 | .046 | .046 | .046 | .048 | .048 | .051 | .052 | .049 | .045 | .037 | .035 | .034 | 23 | .052 |
| 19 | .035 | .034 | .034 | BF | .032 | .033 | .033 | .031 | .030 | .030 | .033 | .036 | .036 | .037 | .038 | .039 | .038 | .036 | .029 | .025 | .021 | .019 | .016 | .016 | 23 | .039 |
| 20 | .016 | .015 | .011 | BF | .009 | .008 | .007 | .008 | .015 | .034 | .045 | .049 | .051 | .051 | .049 | .048 | .048 | .047 | .035 | .021 | .016 | .018 | .016 | .013 | 23 | .051 |
| 21 | .012 | .011 | .010 | BF | .035 | .038 | .044 | .045 | .045 | .046 | BA | .051 | .052 | .052 | .052 | .052 | .052 | .052 | .044 | .036 | .034 | .025 | .033 | .043 | 22 | .052 |
| 22 | .044 | .036 | .035 | BF | .041 | .042 | .042 | .043 | .044 | .045 | .049 | .052 | .052 | .052 | .051 | .052 | .052 | .052 | .051 | .043 | .039 | .035 | .032 | .029 | 23 | .052 |
| 23 | .026 | .025 | .034 | BF | .032 | .033 | .032 | .032 | .045 | .047 | .048 | .056 | .053 | .052 | .054 | .055 | .057 | .056 | .053 | .043 | .037 | .035 | .029 | .026 | 23 | .057 |
| 24 | .023 | .020 | .019 | BF | .019 | .018 | .018 | .024 | .035 | .051 | .053 | .054 | .055 | .054 | .054 | .052 | .049 | .049 | .048 | .041 | .030 | .024 | .022 | .019 | 23 | .055 |
| 25 | .021 | .016 | .023 | BF | .030 | .018 | .014 | .013 | .033 | .047 | .048 | .049 | .049 | .049 | .050 | .050 | .051 | .051 | .047 | .035 | .028 | .025 | .019 | .016 | 23 | .051 |
| 26 | .024 | .041 | .040 | BF | AE | .040 | .039 | .039 | .039 | .039 | .038 | .042 | .042 | .040 | .039 | .039 | .039 | .039 | .038 | .037 | .037 | .036 | .038 | .037 | 22 | .042 |
| 27 | .037 | .036 | .035 | BF | .035 | .034 | .018 | .017 | .036 | .038 | .043 | .046 | .044 | .046 | .044 | .044 | .043 | .033 | .018 | .010 | .010 | .008 | .006 | .004 | 23 | .046 |
| 28 | .030 | .041 | .033 | BF | .029 | .023 | .015 | .014 | .041 | .048 | .048 | .048 | .051 | .053 | .054 | .053 | .052 | .052 | .051 | .037 | .024 | .026 | .035 | .021 | 23 | .054 |
| 29 | .017 | .011 | .008 | BF | .011 | .008 | .005 | .004 | .024 | .050 | .055 | .054 | .054 | .055 | .056 | .057 | .056 | .054 | .049 | .034 | .024 | .019 | .015 | .011 | 23 | .057 |
| 30 | .009 | .007 | .006 | BF | .004 | .004 | .004 | .020 | .041 | .038 | .039 | .038 | .037 | .037 | .036 | .035 | .030 | .030 | .028 | .033 | .040 | .039 | .039 | .039 | 23 | .041 |
| 31 | .036 | .039 | .043 | BF | .046 | .047 | .041 | .044 | .050 | .049 | .045 | .046 | .042 | .041 | .041 | .038 | .038 | .038 | .037 | .036 | .036 | .035 | .034 | .032 | 23 | .050 |
| NO.: | 31 | 31 | 31 | | 30 | 31 | 31 | 31 | 31 | 29 | 28 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | | |
| MAX: | .046 | .043 | .043 | | .046 | .047 | .046 | .046 | .050 | .051 | .055 | .056 | .055 | .055 | .056 | .057 | .057 | .056 | .053 | .049 | .048 | .048 | .047 | .048 | | |
| AVG: | .0296 | .0282 | .0282 | | .0292 | .0290 | .0268 | .0274 | .0341 | .0408 | .0441 | .0459 | .0460 | .0465 | .0467 | .0468 | .0467 | .0460 | .0429 | .0379 | .0359 | .0336 | .0323 | .0296 | | |

MONTHLY OBSERVATIONS: 702 MONTHLY MEAN: .0371 MONTHLY MAX: .057

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-011-0002 POC: 1
 COUNTY: (011) Avery
 CITY: (00000) Not in a city
 SITE ADDRESS: 7510 BLUE RIDGE PARKWAY SPUR
 SITE COMMENTS: IMPROVED SAMPLING SYSTEM LOCATED ON EAST SIDE OF THE BUILDING
 MONITOR COMMENTS: NEW AND IMPROVED LOCATION 82METERS AWAY FROM ORIGINAL LOC0001

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.972347
 LONGITUDE: -81.933072
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 987
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .031 | .030 | .033 | BF | .037 | .038 | .032 | .034 | .036 | .040 | .041 | .041 | .041 | .041 | .042 | .043 | .045 | .044 | .041 | .037 | .036 | .032 | .025 | .021 | 23 | .045 | |
| 2 | .017 | .013 | .010 | BF | .006 | .006 | .006 | .009 | .026 | .033 | .034 | .038 | .039 | .041 | .042 | .044 | .046 | .045 | .041 | .031 | .024 | .023 | .018 | .014 | 23 | .046 | |
| 3 | .011 | .009 | .007 | BF | .024 | .023 | .022 | .038 | .040 | .044 | .044 | .039 | .034 | .036 | .039 | .036 | .044 | .042 | .042 | .043 | .040 | .039 | .037 | .026 | 23 | .044 | |
| 4 | .013 | .019 | .030 | BF | .045 | .045 | .045 | .046 | .047 | .049 | .051 | .051 | .051 | .052 | .052 | .052 | .052 | .044 | .031 | .035 | .026 | .024 | .021 | 23 | .052 | | |
| 5 | .018 | .014 | .010 | BF | .006 | .006 | .005 | .005 | .005 | .003 | .012 | .047 | .046 | .048 | .050 | .051 | .051 | .049 | .048 | .047 | .046 | .046 | .044 | .045 | 23 | .051 | |
| 6 | .042 | .031 | .020 | BF | .034 | .037 | .035 | .036 | .036 | .035 | .033 | .032 | .033 | .033 | .034 | .037 | .037 | .037 | .038 | .040 | .041 | .042 | .043 | .042 | 23 | .043 | |
| 7 | .039 | .039 | .038 | BF | .040 | .041 | .042 | .041 | .041 | .043 | .044 | .044 | .044 | .045 | .047 | .048 | .048 | .048 | .048 | .048 | .049 | .048 | .048 | .048 | 23 | .049 | |
| 8 | .048 | .047 | .046 | BF | .044 | .043 | .042 | .042 | .046 | .051 | .052 | .054 | .056 | .058 | .058 | .059 | .059 | .057 | .049 | .035 | .033 | .031 | .028 | .024 | 23 | .059 | |
| 9 | .021 | .022 | .022 | BF | .022 | .021 | .021 | .024 | .027 | .056 | .058 | .058 | .059 | .059 | .059 | .059 | .061 | .066 | .060 | .048 | .043 | .036 | .029 | .024 | 23 | .066 | |
| 10 | .021 | .018 | .017 | BF | .014 | .012 | .011 | .013 | .015 | .048 | .060 | .063 | .066 | .071 | .069 | .071 | .068 | .063 | .058 | AN | .038 | .031 | .027 | .024 | 22 | .071 | |
| 11 | .020 | .017 | .014 | BF | .008 | .006 | .004 | .008 | .025 | .056 | .058 | .059 | .061 | .066 | .066 | .068 | .068 | .063 | .062 | .052 | .037 | .033 | .027 | .028 | 23 | .068 | |
| 12 | .029 | .020 | .019 | BF | .038 | .031 | .023 | .025 | .040 | .050 | .050 | .051 | .054 | .058 | .058 | .060 | .060 | .059 | .057 | .048 | .040 | .034 | .029 | .024 | 23 | .060 | |
| 13 | .021 | .019 | .020 | BF | .018 | .016 | .016 | .014 | .042 | .056 | .057 | .058 | .059 | .060 | .060 | .062 | .063 | .063 | .058 | .043 | .034 | .034 | .026 | .023 | 23 | .063 | |
| 14 | .021 | .019 | .017 | BF | .010 | .007 | .005 | .012 | .034 | .051 | .056 | .060 | .058 | .059 | .064 | .065 | .061 | .057 | .053 | .040 | .032 | .023 | .016 | .011 | 23 | .065 | |
| 15 | .009 | .007 | .006 | BF | .004 | .003 | .003 | .005 | .018 | .035 | .049 | .050 | .049 | .043 | .045 | .052 | .057 | .057 | .051 | .030 | .017 | .012 | .011 | .010 | 23 | .057 | |
| 16 | .023 | .025 | .015 | BF | .007 | .006 | .004 | .004 | .035 | .050 | .051 | .052 | .051 | .050 | .049 | .049 | .049 | .049 | .047 | .032 | .018 | .015 | .014 | .009 | 23 | .052 | |
| 17 | .006 | .004 | .003 | BF | .002 | .002 | .002 | .018 | .042 | .046 | .045 | .044 | .043 | .044 | .045 | .042 | .042 | .045 | .041 | .032 | .023 | .020 | .018 | .011 | 23 | .046 | |
| 18 | .006 | .004 | .003 | BF | .046 | .042 | .042 | .042 | .047 | AI | AI | .048 | .049 | .051 | .049 | .048 | .045 | .046 | .044 | .039 | .030 | .020 | .016 | .041 | 21 | .051 | |
| 19 | .040 | .031 | .024 | BF | .021 | .033 | .032 | .032 | .034 | .034 | .036 | .035 | .035 | .036 | .036 | .035 | .033 | .033 | .032 | .030 | .024 | .021 | .011 | .007 | 23 | .040 | |
| 20 | .005 | .002 | .001 | BF | .000 | .000 | .000 | .001 | .019 | .044 | .045 | .043 | .043 | .045 | .045 | .046 | .045 | .043 | .035 | .020 | .013 | .013 | .008 | .004 | 23 | .046 | |
| 21 | .002 | .001 | .001 | BF | .000 | .000 | .000 | .006 | .039 | .042 | .042 | .040 | .040 | .041 | .042 | .037 | .037 | .036 | .035 | .028 | .029 | .023 | .018 | .020 | 23 | .042 | |
| 22 | .018 | .021 | .017 | BF | .016 | .018 | .016 | .015 | .034 | .040 | .037 | .040 | .042 | .041 | .041 | .047 | .047 | .039 | .027 | .036 | .043 | .045 | .044 | .045 | 23 | .047 | |
| 23 | .047 | .045 | .034 | BF | .027 | .029 | .030 | .033 | .030 | .030 | .032 | .036 | .035 | .033 | .031 | .030 | .027 | .026 | .027 | .028 | .028 | .032 | .036 | .035 | 23 | .047 | |
| 24 | .035 | .034 | .033 | BF | .031 | .030 | .031 | .032 | .031 | .031 | .031 | .031 | .032 | .031 | .031 | .033 | .030 | .028 | .027 | .023 | .022 | .029 | .026 | .028 | 23 | .035 | |
| 25 | .031 | .028 | .031 | BF | .023 | .019 | .023 | .027 | .029 | .028 | .031 | .032 | .033 | .035 | .035 | .036 | .036 | .035 | .031 | .022 | .016 | .009 | .005 | .003 | 23 | .036 | |
| 26 | .002 | .002 | .001 | BF | .001 | .000 | .000 | .003 | .024 | .041 | .045 | .044 | .040 | .042 | .046 | .044 | .045 | .048 | .047 | .048 | .031 | .024 | .019 | .013 | 23 | .048 | |
| 27 | .014 | .029 | .047 | BF | .042 | .034 | .045 | .054 | .053 | .054 | .051 | .051 | .048 | .045 | .041 | .038 | .035 | .034 | .030 | .022 | .007 | .005 | .017 | .012 | 23 | .054 | |
| 28 | .012 | .011 | .009 | BF | .005 | .005 | .004 | .006 | .026 | .046 | .049 | .047 | .044 | .041 | .043 | .045 | .049 | .047 | .044 | .040 | .029 | .036 | .035 | .034 | 23 | .049 | |
| 29 | .035 | .033 | .021 | BF | .007 | .004 | .001 | .011 | .036 | .038 | .038 | .036 | .037 | .037 | .041 | .044 | .045 | .042 | .041 | .038 | .040 | .037 | .037 | .036 | 23 | .045 | |
| 30 | .034 | .031 | .027 | BF | .024 | .025 | .024 | .024 | .026 | .027 | .028 | .029 | .031 | .033 | .034 | .034 | .035 | .034 | .032 | .029 | .029 | .027 | .028 | .028 | 23 | .035 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | | | |
| MAX: | .048 | .047 | .047 | | .046 | .045 | .045 | .054 | .053 | .056 | .060 | .063 | .066 | .071 | .069 | .071 | .068 | .066 | .062 | .052 | .049 | .048 | .048 | .048 | | | |
| AVG: | .0224 | .0208 | .0192 | | .0201 | .0194 | .0189 | .0220 | .0328 | .0414 | .0434 | .0451 | .0451 | .0458 | .0464 | .0471 | .0473 | .0462 | .0430 | .0359 | .0309 | .0282 | .0255 | .0237 | | | |

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .0335 MONTHLY MAX: .071

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-011-0002 POC: 1
 COUNTY: (011) Avery
 CITY: (00000) Not in a city
 SITE ADDRESS: 7510 BLUE RIDGE PARKWAY SPUR
 SITE COMMENTS: IMPROVED SAMPLING SYSTEM LOCATED ON EAST SIDE OF THE BUILDING
 MONITOR COMMENTS: NEW AND IMPROVED LOCATION 82METERS AWAY FROM ORIGINAL LOC0001

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.972347
 LONGITUDE: -81.933072
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 987
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .023 | .021 | .021 | BF | .020 | .021 | .022 | .024 | .024 | .026 | .027 | .027 | .029 | .029 | .032 | .036 | .042 | .047 | .043 | .022 | .015 | .010 | .009 | .045 | 23 | .047 |
| 2 | .051 | .051 | .052 | BF | .050 | .049 | .048 | .050 | .051 | .052 | .053 | .053 | .051 | .050 | .051 | .051 | .052 | .053 | .052 | .050 | .043 | .039 | .050 | .043 | 23 | .053 |
| 3 | .037 | .032 | .030 | BF | .020 | .016 | .011 | .035 | .048 | .048 | .049 | .050 | .050 | .050 | .051 | .052 | .053 | .054 | .055 | .047 | .038 | .033 | .029 | .021 | 23 | .055 |
| 4 | .017 | .014 | .035 | BF | .043 | .038 | .039 | .040 | AI | .045 | .049 | .052 | .050 | .050 | .050 | .049 | .048 | .049 | .049 | .047 | .042 | .040 | .040 | .039 | 22 | .052 |
| 5 | .045 | .046 | .045 | BF | .040 | .047 | .049 | .045 | .044 | .042 | .042 | .039 | .036 | .039 | .038 | .035 | .034 | .034 | .031 | .029 | .026 | .026 | .024 | .028 | 23 | .049 |
| 6 | .029 | .028 | .030 | BF | .036 | .041 | .043 | .042 | .041 | .042 | .043 | .045 | .046 | .045 | .043 | .041 | .043 | .045 | .045 | .037 | .031 | .038 | .036 | .033 | 23 | .046 |
| 7 | .035 | .035 | .039 | BF | .042 | .041 | .040 | .041 | .045 | .044 | .043 | .044 | .046 | .048 | .047 | .047 | .046 | .047 | .046 | .046 | .047 | .048 | .048 | .048 | 23 | .048 |
| 8 | .047 | .049 | .050 | BF | .049 | .048 | .037 | .043 | .051 | .055 | .058 | .058 | .060 | .061 | .060 | .058 | .057 | .055 | .054 | .052 | .048 | .042 | .047 | .052 | 23 | .061 |
| 9 | .052 | .049 | .041 | BF | .022 | .022 | .018 | .016 | .031 | .048 | .046 | .050 | .053 | .052 | .054 | .057 | .057 | .057 | .051 | .034 | .028 | .024 | .026 | .050 | 23 | .057 |
| 10 | .053 | .054 | .055 | BF | .057 | .057 | .055 | .054 | .058 | .062 | .064 | .063 | .063 | .063 | .063 | .064 | .064 | .063 | .061 | .056 | .036 | .028 | .054 | .055 | 23 | .064 |
| 11 | .059 | .058 | .053 | BF | .053 | .055 | .055 | .053 | .052 | .051 | .051 | .052 | .052 | .053 | .056 | .057 | .057 | .056 | .055 | .051 | .043 | .047 | .046 | .036 | 23 | .059 |
| 12 | .032 | .020 | .016 | BF | .008 | .021 | .018 | .035 | .034 | .033 | .025 | .023 | .029 | .024 | .025 | .022 | .021 | .020 | .015 | .015 | .016 | .014 | .014 | .015 | 23 | .035 |
| 13 | .012 | .009 | .007 | BF | .004 | .003 | .005 | .016 | .029 | .030 | .040 | .041 | .041 | .041 | .043 | .047 | .047 | .045 | .044 | .038 | .030 | .024 | .018 | .016 | 23 | .047 |
| 14 | .014 | .011 | .010 | BF | .008 | .008 | .009 | .020 | .044 | .052 | .056 | .056 | .056 | .055 | .055 | .054 | .052 | .055 | .055 | .050 | .040 | .030 | .028 | .023 | 23 | .056 |
| 15 | .023 | .021 | .019 | BF | .014 | .012 | .014 | .028 | .046 | .053 | .055 | .056 | .055 | .055 | .055 | .057 | .058 | .056 | .054 | .048 | .038 | .028 | .019 | .015 | 23 | .058 |
| 16 | .013 | .009 | .008 | BF | .006 | .005 | .006 | .009 | .037 | .055 | .056 | .057 | .056 | .058 | .058 | .056 | .058 | .064 | .056 | .042 | .032 | .030 | .022 | .014 | 23 | .064 |
| 17 | .012 | .008 | .006 | BF | .003 | .003 | .002 | .010 | .045 | .051 | .054 | .054 | .053 | .053 | .054 | .056 | .061 | .062 | .056 | .051 | .042 | .033 | .025 | .018 | 23 | .062 |
| 18 | .015 | .014 | .012 | BF | .006 | .004 | .003 | .003 | .025 | .035 | .036 | .039 | .041 | .040 | .040 | .038 | .038 | .041 | .041 | .037 | .032 | .022 | .019 | .013 | 23 | .041 |
| 19 | .008 | .004 | .001 | BF | .001 | .001 | .000 | .003 | .021 | .033 | .040 | .039 | .038 | .038 | .037 | .037 | .030 | .021 | .017 | .010 | .007 | .005 | .003 | 23 | .040 | |
| 20 | .002 | .001 | .001 | BF | .002 | .003 | .003 | .007 | .020 | .036 | .040 | .040 | .047 | .052 | .049 | .048 | .048 | .050 | .052 | .049 | .038 | .027 | .021 | .014 | 23 | .052 |
| 21 | .010 | .021 | .019 | BF | .028 | .030 | .031 | .029 | .026 | .031 | .032 | .030 | .027 | .028 | .029 | .025 | .020 | .019 | .021 | .016 | .011 | .014 | .014 | .014 | 23 | .032 |
| 22 | .015 | .017 | .012 | BF | .005 | .004 | .002 | .015 | .027 | .034 | .036 | .038 | .038 | .042 | .040 | .039 | .040 | .035 | .028 | .028 | .025 | .010 | .004 | .006 | 23 | .042 |
| 23 | .009 | .011 | .020 | BF | .020 | .013 | .014 | .017 | .028 | .032 | .029 | .034 | .034 | .031 | .034 | .034 | .032 | .032 | .032 | .031 | .025 | .020 | .022 | .023 | 23 | .034 |
| 24 | .024 | .025 | .022 | BF | .022 | .020 | .022 | .020 | .021 | .020 | .029 | .031 | .031 | .033 | .033 | .035 | .035 | .039 | .043 | .037 | .027 | .022 | .027 | .024 | 23 | .043 |
| 25 | .025 | .028 | .029 | BF | .030 | .033 | .036 | .044 | .047 | .044 | .043 | .044 | .042 | .041 | .039 | .038 | .036 | .037 | .038 | .041 | .045 | .047 | .048 | .048 | 23 | .048 |
| 26 | .049 | .048 | .049 | BF | .049 | .048 | .047 | .047 | .049 | .049 | .049 | .051 | .051 | .053 | .055 | .058 | .059 | .055 | .046 | .030 | .025 | .020 | .015 | .011 | 23 | .059 |
| 27 | .020 | .031 | .029 | BF | .025 | .032 | .012 | .015 | .046 | .046 | .046 | .043 | .043 | .044 | .040 | .042 | .041 | .039 | .035 | .024 | .018 | .013 | .029 | AV | 22 | .046 |
| 28 | AV | AV | AV | AV | AV | AV | AV | AV | AV | AI | .040 | .044 | .046 | .047 | .047 | .043 | .040 | .043 | .043 | .044 | .033 | .031 | .044 | .040 | 14 | .047 |
| 29 | .036 | .042 | .046 | BF | .050 | .046 | .043 | .045 | .047 | .048 | .049 | .047 | .045 | .044 | .035 | .029 | .029 | .031 | .016 | .012 | .011 | .008 | .007 | .005 | 23 | .050 |
| 30 | .004 | .004 | .003 | BF | .002 | .002 | .001 | .005 | .024 | .033 | .033 | .039 | .046 | .045 | .047 | .047 | .045 | .043 | .038 | .039 | .033 | .025 | .018 | .014 | 23 | .047 |
| 31 | .011 | .009 | .007 | BF | .006 | .005 | .011 | .021 | .040 | BA | BA | .050 | .048 | .048 | .051 | .051 | .052 | .053 | .053 | .045 | .038 | .029 | .023 | .018 | 21 | .053 |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | 30 |
| MAX: | .059 | .058 | .055 | | .057 | .057 | .055 | .054 | .058 | .062 | .064 | .063 | .063 | .063 | .063 | .064 | .064 | .064 | .061 | .056 | .048 | .048 | .054 | .055 | | |
| AVG: | .0261 | .0257 | .0256 | | .0240 | .0243 | .0232 | .0277 | .0380 | .0424 | .0438 | .0448 | .0453 | .0455 | .0455 | .0453 | .0452 | .0455 | .0429 | .0376 | .0312 | .0267 | .0268 | .0261 | | |

MONTHLY OBSERVATIONS: 700 MONTHLY MEAN: .0352 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-011-0002 POC: 1
 COUNTY: (011) Avery
 CITY: (00000) Not in a city
 SITE ADDRESS: 7510 BLUE RIDGE PARKWAY SPUR
 SITE COMMENTS: IMPROVED SAMPLING SYSTEM LOCATED ON EAST SIDE OF THE BUILDING
 MONITOR COMMENTS: NEW AND IMPROVED LOCATION 82METERS AWAY FROM ORIGINAL LOC0001

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.972347
 LONGITUDE: -81.933072
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 987
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .014 | .013 | .011 | BF | .009 | .006 | .007 | .019 | .044 | .052 | .050 | .057 | .055 | .057 | .056 | .055 | .054 | .055 | .049 | .040 | .034 | .030 | .025 | .022 | 23 | .057 | |
| 2 | .018 | .016 | .014 | BF | .010 | .007 | .008 | .025 | .043 | .048 | .052 | .053 | .054 | .055 | .057 | .059 | .058 | .056 | .052 | .048 | .040 | .030 | .027 | .021 | 23 | .059 | |
| 3 | .018 | .015 | .012 | BF | .011 | .011 | .011 | .014 | .022 | .052 | .053 | .052 | .053 | .057 | .058 | .059 | .060 | .058 | .055 | .052 | .042 | .036 | .031 | .026 | 23 | .060 | |
| 4 | .022 | .020 | .018 | BF | .012 | .010 | .011 | .017 | .050 | .053 | .054 | .056 | .049 | .038 | .029 | .028 | .031 | .024 | .016 | .009 | .010 | .004 | .003 | .012 | 23 | .056 | |
| 5 | .026 | .011 | .021 | BF | .022 | .027 | .021 | .023 | .023 | .025 | .027 | .027 | .029 | .029 | .029 | .028 | .030 | .027 | .018 | .012 | .009 | .006 | .008 | .008 | 23 | .030 | |
| 6 | .006 | .005 | .009 | BF | .007 | .007 | .009 | .021 | .029 | .044 | .054 | .054 | .060 | .059 | .055 | .054 | .052 | .052 | .045 | .042 | .040 | .037 | .038 | .037 | 23 | .060 | |
| 7 | .037 | .033 | .031 | BF | .020 | .016 | .016 | .019 | .037 | .045 | .044 | .043 | .043 | .042 | .045 | .046 | .044 | .043 | .041 | .040 | .039 | .042 | .043 | .041 | 23 | .046 | |
| 8 | .040 | .039 | .041 | BF | .040 | .037 | .038 | .037 | .037 | .038 | .036 | .035 | .035 | .032 | .034 | .037 | .033 | .029 | .021 | .020 | .012 | .019 | .020 | .018 | 23 | .041 | |
| 9 | .019 | .019 | .014 | BF | .013 | .009 | .009 | .009 | .027 | .036 | .043 | .043 | .042 | .038 | .044 | .047 | .048 | .046 | .040 | .026 | .020 | .015 | .010 | .008 | 23 | .048 | |
| 10 | .008 | .007 | .007 | BF | .005 | .005 | .005 | .010 | .033 | .047 | .051 | .052 | .053 | .052 | .054 | .055 | .054 | .055 | .054 | .042 | .031 | .025 | .022 | .014 | 23 | .055 | |
| 11 | .010 | .008 | .006 | BF | .005 | .004 | .005 | .007 | .028 | .049 | .053 | .053 | .053 | .052 | .051 | .050 | .051 | .053 | .051 | .042 | .035 | .026 | .017 | .011 | 23 | .053 | |
| 12 | .008 | .006 | .005 | BF | .003 | .003 | .002 | .004 | .014 | .034 | .033 | .034 | .035 | .035 | .038 | .040 | .043 | .041 | .039 | .042 | .032 | .024 | .018 | .011 | 23 | .043 | |
| 13 | .007 | .004 | .003 | BF | .002 | .002 | .002 | .008 | .023 | .029 | .035 | .036 | .033 | .034 | .026 | .033 | .031 | .021 | .018 | .011 | .012 | .014 | .009 | .008 | 23 | .036 | |
| 14 | .005 | .004 | .003 | BF | .003 | .003 | .003 | .011 | .022 | .026 | .031 | .038 | .040 | .038 | .036 | AI | AI | .028 | .020 | .013 | .007 | .007 | .007 | .004 | 21 | .040 | |
| 15 | .004 | .005 | .004 | BF | .003 | .003 | .004 | .011 | .021 | .032 | .038 | .031 | .027 | .037 | .042 | .041 | .034 | .031 | .020 | .019 | .014 | .009 | .007 | .006 | 23 | .042 | |
| 16 | .005 | .004 | .003 | BF | .002 | .003 | .006 | .012 | .024 | .029 | .035 | .042 | .046 | .042 | .036 | .034 | .028 | .030 | .026 | .018 | .011 | .005 | .003 | .002 | 23 | .046 | |
| 17 | .002 | .002 | .002 | BF | .002 | .001 | .002 | .022 | .039 | .044 | .046 | .047 | .050 | .049 | .049 | .046 | .040 | .028 | .023 | .022 | .013 | .008 | .018 | .011 | 23 | .050 | |
| 18 | .009 | .007 | .020 | BF | .011 | .009 | .006 | .010 | .025 | .030 | .034 | .033 | .031 | .031 | .034 | .034 | .033 | .032 | .032 | .032 | .034 | .035 | .037 | .037 | 23 | .037 | |
| 19 | .036 | .023 | .011 | BF | .005 | .005 | .005 | .022 | AI | AI | AI | .029 | .026 | .028 | .029 | .022 | .019 | .017 | .018 | .026 | .036 | .028 | .020 | .015 | 20 | .036 | |
| 20 | .014 | .011 | .010 | AM | .011 | .015 | .013 | .016 | .031 | .040 | .044 | .048 | .045 | .047 | .048 | .049 | .048 | .044 | .036 | .023 | .017 | .011 | .007 | .006 | 23 | .049 | |
| 21 | .004 | .003 | .003 | BF | .003 | .002 | .003 | .008 | .021 | .032 | .035 | .037 | .038 | .041 | .042 | .038 | .036 | .034 | .032 | .028 | .021 | .010 | .006 | .005 | 23 | .042 | |
| 22 | .006 | .007 | .005 | BF | .003 | .003 | .003 | .003 | .007 | .020 | .020 | .019 | .022 | .017 | .013 | .017 | .019 | .016 | .016 | .014 | .016 | .020 | .021 | .023 | 23 | .023 | |
| 23 | .020 | .018 | .016 | BF | .008 | .006 | .008 | .010 | .014 | .014 | .018 | .020 | .023 | .024 | .023 | .025 | .026 | .025 | .025 | .023 | .022 | .021 | .019 | .035 | 23 | .035 | |
| 24 | .032 | .030 | .019 | BF | .008 | .010 | .018 | .025 | .030 | .028 | .023 | .020 | .030 | .037 | .039 | .031 | .025 | .031 | .029 | .021 | .017 | .015 | .013 | .015 | 23 | .039 | |
| 25 | .014 | .017 | .013 | BF | .010 | .009 | .007 | .015 | .029 | .030 | .037 | .034 | .037 | .037 | .039 | .037 | .035 | .036 | .036 | .028 | .020 | .014 | .010 | .009 | 23 | .039 | |
| 26 | .008 | AE | AE | BF | AE | AE | AE | AE | AE | .040 | .046 | .048 | .048 | .048 | .048 | .046 | .046 | .047 | .045 | .034 | .027 | .019 | .016 | .013 | 16 | .048 | |
| 27 | .011 | .009 | .008 | BF | .006 | .007 | .006 | .024 | .037 | .040 | .042 | .041 | .043 | .043 | .044 | .048 | .045 | .045 | .045 | .034 | .027 | .019 | .015 | .013 | 23 | .048 | |
| 28 | .012 | .011 | .010 | BF | .008 | AE | AE | AE | .024 | .043 | .045 | .046 | .047 | .049 | .053 | .053 | .055 | AE | .042 | .036 | .028 | .021 | .015 | 19 | .055 | | |
| 29 | .010 | .008 | .006 | BF | .005 | .004 | .003 | .010 | .046 | .047 | .049 | .050 | .048 | .049 | .049 | .051 | .054 | .054 | .051 | .045 | .041 | .047 | .049 | .048 | 23 | .054 | |
| 30 | .045 | .040 | .038 | BF | .033 | .028 | .027 | .027 | .026 | .026 | .025 | .023 | .023 | .022 | .022 | .023 | .023 | .024 | .025 | .018 | .012 | .016 | .010 | .004 | 23 | .045 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 29 | 29 | | 29 | 28 | 28 | 28 | 28 | 29 | 29 | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .045 | .040 | .041 | | .040 | .037 | .038 | .037 | .050 | .053 | .054 | .057 | .060 | .059 | .058 | .059 | .060 | .058 | .055 | .052 | .042 | .047 | .049 | .048 | | | |
| AVG: | .0157 | .0136 | .0125 | | .0097 | .0090 | .0092 | .0157 | .0288 | .0370 | .0398 | .0400 | .0406 | .0406 | .0407 | .0409 | .0398 | .0379 | .0337 | .0289 | .0242 | .0207 | .0183 | .0166 | | | |

MONTHLY OBSERVATIONS: 674 MONTHLY MEAN: .0268 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-011-0002 POC: 1
 COUNTY: (011) Avery
 CITY: (00000) Not in a city
 SITE ADDRESS: 7510 BLUE RIDGE PARKWAY SPUR
 SITE COMMENTS: IMPROVED SAMPLING SYSTEM LOCATED ON EAST SIDE OF THE BUILDING
 MONITOR COMMENTS: NEW AND IMPROVED LOCATION 82METERS AWAY FROM ORIGINAL LOC0001

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.972347
 LONGITUDE: -81.933072
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 987
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .004 | .017 | .011 | BF | .011 | .015 | .020 | .026 | .028 | .029 | .032 | .033 | .036 | .042 | .043 | .041 | .038 | .030 | .031 | .025 | .020 | .014 | .010 | .007 | 23 | .043 |
| 2 | .007 | .006 | .006 | BF | .009 | .012 | .015 | .025 | .030 | .035 | .035 | .041 | .042 | .045 | .048 | .048 | .047 | .039 | .039 | .029 | .019 | .011 | .007 | .004 | 23 | .048 |
| 3 | .003 | .002 | .002 | BF | .002 | .003 | .003 | .004 | .026 | .040 | .038 | .039 | .038 | .031 | .030 | .028 | .028 | .024 | .012 | .008 | .005 | .006 | .008 | .010 | 23 | .040 |
| 4 | .010 | .009 | .007 | BF | .005 | .004 | .003 | .004 | .012 | .023 | .029 | .027 | .027 | .030 | .027 | .022 | .025 | .027 | .023 | .020 | .018 | .006 | .006 | .008 | 23 | .030 |
| 5 | .005 | .006 | .007 | BF | .018 | .022 | .023 | .027 | AI | AI | .036 | .033 | .030 | .024 | .019 | .018 | .020 | .024 | .019 | .016 | .016 | .009 | .006 | .003 | 21 | .036 |
| 6 | .002 | .002 | .002 | BF | .002 | .002 | .002 | .004 | .018 | .023 | .025 | .025 | .028 | .032 | .033 | .031 | .029 | .032 | .026 | .014 | .012 | .014 | .014 | .011 | 23 | .033 |
| 7 | .013 | .015 | .020 | BF | .032 | .034 | .035 | .030 | .029 | .036 | .041 | .044 | .044 | .044 | .044 | .044 | .043 | .040 | .037 | .020 | .014 | .011 | .009 | .008 | 23 | .044 |
| 8 | .006 | .006 | .009 | BF | .020 | .017 | .018 | .040 | .045 | .047 | .048 | .048 | .047 | .046 | .045 | .040 | .039 | .039 | .038 | .027 | .017 | .013 | .013 | .011 | 23 | .048 |
| 9 | .008 | .006 | .006 | BF | .004 | .004 | .004 | .012 | .027 | .035 | .037 | .039 | .045 | .045 | .046 | .039 | .042 | .036 | .025 | .023 | .017 | .012 | .007 | .007 | 23 | .046 |
| 10 | .009 | .009 | .008 | BF | .004 | .003 | .005 | .010 | .025 | .045 | .045 | .045 | .047 | .047 | .047 | .048 | .049 | .049 | .042 | .034 | .026 | .017 | .011 | .007 | 23 | .049 |
| 11 | .006 | .003 | .003 | BF | .002 | .002 | .003 | .007 | .021 | .036 | .042 | .046 | .049 | .051 | .053 | .051 | .048 | .044 | .040 | .033 | .040 | .034 | .021 | .013 | 23 | .053 |
| 12 | .009 | .005 | .004 | BF | .002 | .002 | .002 | .004 | .014 | .027 | .030 | .040 | .044 | .041 | .045 | .038 | .027 | .028 | .016 | .018 | .015 | .007 | .003 | .002 | 23 | .045 |
| 13 | .002 | .002 | .002 | BF | .001 | .001 | .001 | .005 | .029 | .039 | .040 | .040 | .042 | .043 | .044 | .035 | .022 | .014 | .007 | .005 | .004 | .003 | .003 | .003 | 23 | .044 |
| 14 | .004 | .003 | .002 | BF | .002 | .002 | .002 | .019 | .027 | .032 | .031 | .031 | .030 | .031 | .034 | .036 | .034 | .023 | .014 | .013 | .009 | .006 | .004 | .004 | 23 | .036 |
| 15 | .010 | .010 | .009 | BF | .017 | .019 | .008 | .006 | .018 | .028 | .032 | .041 | .040 | .041 | .037 | .031 | .038 | .035 | .033 | .020 | .012 | .008 | .005 | .004 | 23 | .041 |
| 16 | .003 | .002 | .002 | BF | .002 | .002 | .004 | .014 | .028 | .036 | .042 | .043 | .046 | .051 | .048 | .050 | .051 | .050 | .032 | .030 | .024 | .043 | .041 | .028 | 23 | .051 |
| 17 | .022 | .015 | .008 | BF | .003 | .002 | .002 | .004 | .014 | .047 | .049 | .047 | .044 | .040 | .032 | .024 | .017 | .016 | .024 | .029 | .015 | .006 | .003 | .003 | 23 | .049 |
| 18 | .003 | .003 | .003 | BF | .003 | .002 | .003 | .004 | .010 | .026 | .039 | .033 | .036 | .036 | .027 | .026 | .017 | .026 | .012 | .006 | .005 | .003 | .002 | .022 | 23 | .039 |
| 19 | .015 | .010 | .007 | BF | .004 | .003 | .003 | .006 | .018 | .033 | .039 | .044 | .045 | .045 | .045 | .034 | .043 | .045 | .033 | .024 | .018 | .011 | .009 | .006 | 23 | .045 |
| 20 | .005 | .005 | .004 | BF | .003 | .003 | .003 | .004 | .016 | .033 | .042 | .042 | .046 | .049 | .052 | .049 | .053 | .052 | .045 | .029 | .021 | .013 | .010 | .008 | 23 | .053 |
| 21 | .006 | .004 | .003 | BF | .003 | .003 | .003 | .007 | .021 | .035 | .043 | .042 | .033 | .041 | .046 | .043 | .045 | .048 | .035 | .020 | .013 | .009 | .006 | .005 | 23 | .048 |
| 22 | .004 | .003 | .003 | BF | .002 | .003 | .002 | .004 | .026 | .038 | .051 | .050 | .046 | .046 | .040 | .027 | .031 | .033 | .017 | .009 | .005 | .003 | .003 | .002 | 23 | .051 |
| 23 | .002 | .002 | .008 | BF | .018 | .021 | .009 | .014 | .030 | .035 | .035 | .037 | .027 | .018 | .010 | .008 | .010 | .019 | .016 | .010 | .008 | .009 | .019 | .026 | 23 | .037 |
| 24 | .016 | .019 | .026 | BF | .030 | .025 | .020 | .025 | .035 | .038 | .038 | .040 | .044 | .051 | .050 | .050 | .046 | .040 | .040 | .025 | .017 | .012 | .009 | .008 | 23 | .051 |
| 25 | .006 | .005 | .005 | BF | .003 | .002 | .002 | .007 | .029 | .042 | .049 | .052 | .051 | .054 | .056 | .058 | .046 | .054 | .034 | .024 | .018 | .012 | .009 | .006 | 23 | .058 |
| 26 | .007 | .006 | .005 | BF | .004 | .017 | .036 | .036 | .041 | .047 | .048 | .048 | .047 | .047 | .047 | .047 | .048 | .051 | .051 | .041 | .033 | .020 | .011 | .007 | 23 | .051 |
| 27 | .005 | .004 | .003 | BF | .003 | .003 | .009 | .027 | .035 | .038 | .041 | .041 | .043 | .028 | .030 | .032 | .027 | .025 | .018 | .011 | .008 | .003 | .002 | .002 | 23 | .043 |
| 28 | .002 | .002 | .002 | BF | .001 | .001 | .002 | .002 | .004 | .021 | .024 | .017 | .017 | .026 | .021 | .019 | .023 | .014 | .014 | .012 | .010 | .010 | .007 | .008 | 23 | .026 |
| 29 | .021 | .019 | .015 | BF | .030 | .029 | .026 | .025 | .034 | .039 | .041 | .043 | .046 | .052 | .052 | .050 | .045 | .042 | .040 | .033 | .027 | .024 | .022 | .015 | 23 | .052 |
| 30 | .010 | .006 | .004 | BF | .003 | .004 | .004 | .013 | .029 | .034 | .035 | .038 | .036 | .032 | .034 | .031 | .033 | .034 | .023 | .013 | .008 | .009 | .008 | .008 | 23 | .038 |
| 31 | .009 | .007 | .007 | BF | .005 | .005 | .005 | .007 | .013 | .025 | AI | AI | .032 | .033 | .032 | .034 | .029 | .022 | .015 | .010 | .009 | .007 | .006 | .007 | 21 | .034 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .022 | .019 | .026 | | .032 | .034 | .036 | .040 | .045 | .047 | .051 | .052 | .051 | .054 | .056 | .058 | .053 | .054 | .051 | .041 | .040 | .043 | .041 | .028 | | |
| AVG: | .0075 | .0069 | .0065 | | .0080 | .0086 | .0089 | .0136 | .0244 | .0347 | .0386 | .0396 | .0396 | .0401 | .0393 | .0365 | .0353 | .0340 | .0275 | .0204 | .0156 | .0118 | .0095 | .0085 | | |

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .0223 MONTHLY MAX: .058

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-011-0002 POC: 1
 COUNTY: (011) Avery
 CITY: (00000) Not in a city
 SITE ADDRESS: 7510 BLUE RIDGE PARKWAY SPUR
 SITE COMMENTS: IMPROVED SAMPLING SYSTEM LOCATED ON EAST SIDE OF THE BUILDING
 MONITOR COMMENTS: NEW AND IMPROVED LOCATION 82METERS AWAY FROM ORIGINAL LOC0001

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.972347
 LONGITUDE: -81.933072
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 987
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .006 | .007 | .008 | BF | .009 | .009 | .008 | .009 | .013 | .029 | .037 | .038 | .035 | .023 | .030 | .024 | .021 | .013 | .015 | .011 | .006 | .003 | .003 | .003 | 23 | .038 |
| 2 | .003 | .003 | .003 | BF | .003 | .003 | .002 | .003 | .005 | .022 | .032 | .032 | .034 | .046 | .043 | .049 | .045 | .048 | .048 | .034 | .021 | .013 | .007 | .005 | 23 | .049 |
| 3 | .004 | .004 | .003 | BF | .003 | .003 | .003 | .005 | .015 | .032 | .042 | .043 | .041 | .045 | .047 | .051 | .051 | .052 | .051 | .037 | .027 | .019 | .011 | .008 | 23 | .052 |
| 4 | .007 | .006 | .005 | BF | .004 | .005 | .004 | .007 | .013 | .038 | .042 | .048 | .052 | .053 | .051 | .046 | .042 | .031 | .029 | .021 | .020 | .018 | .011 | .009 | 23 | .053 |
| 5 | .011 | .009 | .009 | BF | .024 | .032 | .029 | .021 | .037 | .038 | .039 | .039 | .040 | .040 | .040 | .043 | .043 | .039 | .030 | .028 | .025 | .022 | .017 | .014 | 23 | .043 |
| 6 | .014 | .011 | .008 | BF | .005 | .004 | .004 | .006 | .021 | .034 | .038 | .039 | .043 | .043 | .040 | .039 | .042 | .042 | .033 | .024 | .017 | .011 | .016 | .019 | 23 | .043 |
| 7 | .015 | .016 | .035 | BF | .027 | .025 | .022 | .019 | .019 | .020 | .020 | .020 | .022 | .024 | .022 | .022 | .018 | .015 | .016 | .017 | .018 | .016 | .019 | .019 | 23 | .035 |
| 8 | .017 | .024 | .021 | BF | .023 | .023 | .018 | .017 | .023 | .025 | .023 | .033 | .031 | .031 | .034 | .027 | .028 | .032 | .028 | .020 | .012 | .008 | .034 | .032 | 23 | .034 |
| 9 | .023 | .016 | .010 | BF | .008 | .014 | .015 | .031 | .037 | .041 | .044 | .045 | .045 | .045 | .045 | .044 | .046 | .049 | .046 | .028 | .021 | .016 | .010 | .007 | 23 | .049 |
| 10 | .005 | .005 | .007 | BF | .004 | .003 | .003 | .010 | .040 | .040 | .040 | .043 | .040 | .039 | .041 | .039 | .039 | .035 | .029 | .027 | .023 | .019 | .013 | .025 | 23 | .043 |
| 11 | .011 | .022 | .012 | BF | .007 | .007 | .005 | .024 | .034 | .034 | .034 | .033 | .034 | .033 | .034 | .030 | .027 | .017 | .009 | .006 | .012 | .028 | .025 | 23 | .035 | |
| 12 | .015 | .010 | .010 | BF | .005 | .005 | .003 | .004 | .010 | .020 | .025 | .029 | .026 | .031 | .028 | .027 | .026 | .027 | .023 | .021 | .011 | .006 | .016 | .011 | 23 | .031 |
| 13 | .007 | .007 | .005 | BF | .003 | .003 | .002 | .007 | .015 | .031 | .029 | .036 | .036 | .036 | .034 | .034 | .027 | .017 | .018 | .013 | .010 | .009 | .018 | .015 | 23 | .036 |
| 14 | .011 | .008 | .029 | BF | .023 | .020 | .025 | .024 | .027 | .029 | .033 | .035 | .029 | .033 | .036 | .035 | .033 | .029 | .028 | .020 | .018 | .012 | .035 | .036 | 23 | .036 |
| 15 | .022 | .015 | .010 | BF | .006 | .004 | .005 | .014 | .022 | .029 | .027 | .029 | .030 | .026 | .029 | .031 | .032 | .028 | .016 | .010 | .007 | .005 | .003 | .002 | 23 | .032 |
| 16 | .002 | .002 | .002 | BF | .001 | .001 | .001 | .002 | .007 | .022 | .031 | .034 | .037 | .029 | .035 | .036 | .036 | .035 | .020 | .022 | .013 | .006 | .004 | .003 | 23 | .037 |
| 17 | .002 | .002 | .002 | BF | .002 | .001 | .001 | .002 | .011 | .023 | .025 | .030 | .032 | .033 | .028 | .031 | .026 | .027 | .026 | .011 | .003 | .002 | .002 | .001 | 23 | .033 |
| 18 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .004 | .012 | .019 | .021 | .024 | .024 | .022 | .027 | .035 | .037 | .034 | .028 | .017 | .012 | .011 | .008 | .006 | 23 | .037 |
| 19 | .006 | .008 | .007 | BF | .003 | .003 | .002 | .005 | .021 | .034 | .044 | .047 | .049 | .046 | .047 | .042 | .042 | .041 | .026 | .016 | .012 | .007 | .005 | .005 | 23 | .049 |
| 20 | .004 | .004 | .004 | BF | .004 | .004 | .004 | .009 | .011 | .040 | .047 | .047 | .046 | .045 | .045 | .044 | .046 | .045 | .035 | .021 | .013 | .009 | .006 | .005 | 23 | .047 |
| 21 | .005 | .004 | .004 | BF | .004 | .003 | .003 | .005 | .010 | .035 | .043 | .047 | .041 | .042 | .041 | .041 | .037 | .027 | .018 | .010 | .006 | .005 | .004 | .002 | 23 | .047 |
| 22 | .002 | .002 | .002 | BF | .002 | .002 | .002 | .003 | .010 | .041 | .048 | .050 | .051 | .052 | .050 | .049 | .044 | .044 | .033 | .020 | .011 | .007 | .005 | .003 | 23 | .052 |
| 23 | .003 | .005 | .008 | BF | .006 | .008 | .010 | .025 | .034 | .035 | .031 | .036 | .040 | .040 | .042 | .044 | .042 | .037 | .032 | .024 | .021 | .017 | .014 | .011 | 23 | .044 |
| 24 | .009 | .010 | .006 | BF | .006 | .006 | .007 | .008 | .022 | .035 | .038 | .039 | .039 | .043 | .044 | .041 | .042 | .041 | .042 | .036 | .028 | .025 | .019 | .015 | 23 | .044 |
| 25 | .015 | .013 | .013 | BF | .011 | .009 | .007 | .009 | .015 | .031 | .046 | .043 | .045 | .047 | .044 | .042 | .041 | .041 | .034 | .026 | .016 | .010 | .007 | .006 | 23 | .047 |
| 26 | .006 | .005 | .005 | BF | .004 | .004 | .003 | .004 | .025 | .041 | .044 | .043 | .043 | .040 | .041 | .042 | .042 | .039 | .035 | .033 | .034 | .031 | .031 | .039 | 23 | .044 |
| 27 | .041 | .040 | .039 | BF | .031 | .019 | .026 | .042 | .046 | .043 | .043 | .045 | .046 | .046 | .046 | .046 | .043 | .043 | .041 | .030 | .038 | .035 | .027 | .025 | 23 | .046 |
| 28 | .045 | .043 | .041 | BF | .035 | .040 | .041 | .039 | .044 | .044 | .044 | .045 | .047 | .045 | .042 | .042 | .040 | .038 | .034 | .035 | .038 | .043 | .042 | .043 | 23 | .047 |
| 29 | .038 | .036 | .034 | BF | .020 | .019 | .014 | .012 | .014 | AI | .024 | .029 | .028 | .029 | .028 | .030 | .030 | .029 | .016 | .009 | .005 | .004 | .004 | .007 | 22 | .038 |
| 30 | .015 | .021 | .021 | BF | .021 | .018 | .010 | .018 | .025 | .024 | .030 | .035 | .036 | .036 | .038 | .038 | .039 | .036 | .036 | .027 | .014 | .011 | .018 | .015 | 23 | .039 |
| 31 | .011 | .007 | .005 | BF | .003 | .003 | .002 | .004 | .010 | .019 | .023 | .029 | .027 | .024 | .023 | .020 | .016 | .013 | .014 | .009 | .004 | .005 | .003 | .003 | 23 | .029 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .045 | .043 | .041 | | .035 | .040 | .041 | .042 | .046 | .044 | .048 | .050 | .052 | .053 | .051 | .051 | .051 | .052 | .051 | .037 | .038 | .043 | .042 | .043 | | |
| AVG: | .0121 | .0118 | .0119 | | .0099 | .0097 | .0091 | .0126 | .0209 | .0316 | .0351 | .0376 | .0377 | .0377 | .0379 | .0377 | .0363 | .0340 | .0289 | .0215 | .0165 | .0135 | .0142 | .0135 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0231 MONTHLY MAX: .053

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-011-0002 POC: 1
 COUNTY: (011) Avery
 CITY: (00000) Not in a city
 SITE ADDRESS: 7510 BLUE RIDGE PARKWAY SPUR
 SITE COMMENTS: IMPROVED SAMPLING SYSTEM LOCATED ON EAST SIDE OF THE BUILDING
 MONITOR COMMENTS: NEW AND IMPROVED LOCATION 82METERS AWAY FROM ORIGINAL LOC0001

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.972347
 LONGITUDE: -81.933072
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 987
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .002 | .002 | .009 | BF | .022 | .020 | .019 | .021 | .024 | .029 | .031 | .033 | .035 | .034 | .030 | .032 | .034 | .036 | .037 | .031 | .026 | .025 | .025 | .022 | 23 | .037 | |
| 2 | .024 | .027 | .026 | BF | .027 | .025 | .022 | .019 | .018 | .016 | .019 | .024 | .026 | .025 | .025 | .029 | .030 | .033 | .029 | .033 | .030 | .031 | .032 | .032 | 23 | .033 | |
| 3 | .031 | .029 | .028 | BF | .028 | .027 | .024 | .025 | .027 | .033 | .037 | .042 | .041 | .042 | .042 | .040 | .038 | .028 | .020 | .014 | .009 | .006 | .005 | .004 | 23 | .042 | |
| 4 | .004 | .004 | .004 | BF | .005 | .004 | .004 | .005 | .007 | .025 | .041 | .043 | .044 | .045 | .044 | .043 | .041 | .039 | .030 | .016 | .009 | .007 | .005 | .005 | 23 | .045 | |
| 5 | .004 | .003 | .003 | BF | .004 | .003 | .005 | .005 | .023 | .040 | .042 | .042 | .041 | .036 | .029 | .038 | .037 | .038 | .034 | .033 | .040 | .026 | .020 | .015 | 23 | .042 | |
| 6 | .013 | .012 | .010 | BF | .026 | .026 | .027 | .022 | .024 | .026 | .024 | .024 | .026 | .024 | .030 | .034 | .036 | .027 | .017 | .013 | .009 | .008 | .008 | .008 | 23 | .036 | |
| 7 | .008 | .006 | .005 | BF | .005 | .005 | .005 | .010 | .025 | .032 | .033 | .035 | .037 | .038 | .038 | .037 | .037 | .032 | .018 | .011 | .009 | .010 | .009 | .008 | 23 | .038 | |
| 8 | .006 | .005 | .005 | BF | .003 | .003 | AE | AE | AE | .030 | AO | 6 | .030 | |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 10 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 11 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 12 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 13 | AO | AO | AO | AO | AO | AO | AO | AO | AO | BF | BF | BF | BF | BF | .045 | .046 | .045 | .042 | .028 | .027 | .044 | .047 | .044 | .032 | 10 | .047 | |
| 14 | .023 | .015 | .008 | BF | .006 | .008 | .008 | .005 | .008 | .033 | .037 | .035 | .033 | .032 | .031 | .025 | .017 | .015 | .011 | .013 | .009 | .005 | .003 | .002 | 23 | .037 | |
| 15 | .001 | .001 | .001 | BF | .001 | .001 | .001 | AE | .005 | .023 | .029 | .031 | .025 | .030 | .022 | .026 | .026 | .014 | .009 | .007 | .003 | .003 | .002 | .001 | 22 | .031 | |
| 16 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .001 | .003 | .019 | .032 | .030 | .036 | .033 | .027 | .025 | .021 | .017 | .007 | .005 | .003 | .004 | .003 | .003 | 23 | .036 | |
| 17 | .002 | .002 | .002 | BF | .001 | .001 | .001 | .001 | .004 | .028 | .028 | .030 | .036 | .034 | .033 | .031 | .030 | .028 | .015 | .009 | .006 | .004 | .003 | .003 | 23 | .036 | |
| 18 | .003 | .002 | .002 | BF | .002 | .002 | .001 | .002 | .004 | .021 | .040 | .034 | .035 | .032 | .034 | .040 | .044 | .027 | .017 | .014 | .009 | .007 | .005 | .005 | 23 | .044 | |
| 19 | .005 | .004 | .004 | BF | .003 | .002 | .001 | .001 | .003 | .028 | .035 | .042 | .044 | .042 | .042 | .039 | .039 | .027 | .019 | .011 | .006 | .004 | .003 | .003 | 23 | .044 | |
| 20 | .003 | .003 | .003 | BF | .002 | .002 | .002 | .001 | .004 | AI | BA | BA | BA | .042 | .041 | .043 | .038 | .023 | .023 | .016 | .010 | .007 | .006 | .006 | 19 | .043 | |
| 21 | .005 | .004 | .004 | BF | .003 | .003 | .002 | .002 | .003 | .028 | .039 | .037 | .034 | .039 | .038 | .040 | .036 | .017 | .013 | .006 | .006 | .006 | .005 | .005 | 23 | .040 | |
| 22 | .003 | .003 | .002 | BF | .002 | .002 | .002 | .002 | .003 | .015 | .044 | .044 | .045 | .035 | .042 | .045 | .019 | .015 | .013 | .007 | .006 | .006 | .004 | .004 | 23 | .045 | |
| 23 | .003 | .003 | .003 | BF | .003 | .003 | .003 | .003 | .007 | .023 | .029 | .044 | .038 | .037 | .044 | .041 | .022 | .015 | .021 | .011 | .011 | .008 | .006 | .004 | 23 | .044 | |
| 24 | .004 | .004 | .003 | BF | .003 | .003 | .003 | .003 | .004 | .016 | .034 | .038 | .037 | .036 | .036 | .036 | .035 | .028 | .016 | .011 | .006 | .007 | .010 | .009 | 23 | .038 | |
| 25 | .007 | .006 | .005 | BF | .003 | .003 | .003 | .003 | .011 | .045 | .045 | .047 | .046 | .047 | .046 | .044 | .040 | .022 | .015 | .009 | .008 | .009 | .009 | .007 | 23 | .047 | |
| 26 | .005 | .005 | .004 | BF | .003 | .002 | .002 | .003 | .015 | .036 | .044 | AZ | .042 | .037 | .032 | .034 | .035 | .022 | .012 | .008 | .006 | .006 | .005 | .004 | 22 | .044 | |
| 27 | .004 | .004 | .004 | BF | .003 | .003 | .003 | .003 | .009 | .033 | .040 | .043 | .043 | .042 | .043 | .048 | .050 | .040 | .034 | .024 | .022 | .023 | .020 | .013 | 23 | .050 | |
| 28 | .010 | .009 | .007 | BF | .006 | .006 | .005 | .003 | .012 | .035 | .051 | .056 | .053 | .052 | .055 | .055 | .048 | .043 | .035 | .025 | .022 | .021 | .026 | .022 | 23 | .056 | |
| 29 | .020 | .017 | .015 | BF | .009 | .011 | .025 | .037 | .042 | .043 | .044 | .043 | .045 | .043 | .041 | .040 | .037 | .033 | .030 | .026 | .022 | .017 | .015 | .015 | 23 | .045 | |
| 30 | .014 | AE | AE | BF | AE | AE | AE | AE | AE | AE | .043 | .045 | .046 | .044 | .044 | .043 | .037 | .032 | .029 | .021 | .016 | .014 | .011 | .010 | 15 | .046 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| NO.: | 25 | 24 | 24 | | 24 | 24 | 23 | 22 | 23 | 23 | 23 | 22 | 23 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | | |
| MAX: | .031 | .029 | .028 | | .028 | .027 | .027 | .037 | .042 | .045 | .051 | .056 | .053 | .052 | .055 | .055 | .050 | .043 | .037 | .033 | .044 | .047 | .044 | .032 | | | |
| AVG: | .0082 | .0071 | .0066 | | .0071 | .0069 | .0073 | .0080 | .0124 | .0286 | .0366 | .0383 | .0386 | .0375 | .0374 | .0380 | .0348 | .0276 | .0214 | .0159 | .0140 | .0124 | .0113 | .0097 | | | |

MONTHLY OBSERVATIONS: 554 MONTHLY MEAN: .0202 MONTHLY MAX: .056

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-011-0002 POC: 1
 COUNTY: (011) Avery
 CITY: (00000) Not in a city
 SITE ADDRESS: 7510 BLUE RIDGE PARKWAY SPUR
 SITE COMMENTS: IMPROVED SAMPLING SYSTEM LOCATED ON EAST SIDE OF THE BUILDING
 MONITOR COMMENTS: NEW AND IMPROVED LOCATION 82METERS AWAY FROM ORIGINAL LOC0001

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.972347
 LONGITUDE: -81.933072
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 987
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .011 | .021 | .031 | BF | .029 | .028 | .024 | .024 | .030 | .032 | .032 | .034 | .034 | .036 | .039 | .039 | .037 | .030 | .023 | .016 | .013 | .010 | .008 | .007 | 23 | .039 |
| 2 | .006 | AE | AE | AE | AE | AE | AE | AE | AE | BA | .038 | .040 | .040 | AE | AE | AE | AE | AE | .029 | .020 | .015 | .011 | .009 | .009 | 10 | .040 |
| 3 | .007 | .007 | .006 | BF | .005 | .004 | .003 | .004 | .003 | .018 | .043 | .045 | .043 | .042 | .044 | .044 | .042 | .037 | .026 | .021 | .014 | .010 | .008 | .008 | 23 | .045 |
| 4 | .008 | .007 | .007 | BF | .006 | .008 | .006 | .007 | .011 | .029 | .040 | .041 | .040 | .040 | .041 | .042 | .042 | .036 | .026 | .017 | .012 | .012 | .011 | .012 | 23 | .042 |
| 5 | .011 | .009 | .008 | BF | .006 | .007 | .006 | .008 | .008 | .016 | .038 | .041 | .044 | .047 | .048 | .049 | .048 | .041 | .033 | .023 | .018 | .017 | .015 | .013 | 23 | .049 |
| 6 | .011 | .009 | .009 | BF | .007 | .007 | .006 | .006 | .009 | .026 | .044 | .048 | .045 | .048 | .050 | .050 | .046 | .035 | .027 | .018 | .012 | .009 | .006 | .004 | 23 | .050 |
| 7 | .005 | .004 | .003 | BF | .002 | .002 | .002 | .002 | .016 | .029 | .032 | .032 | .032 | .034 | .033 | .032 | .031 | .032 | .031 | .028 | .031 | .032 | .031 | .027 | 23 | .034 |
| 8 | .024 | .018 | .008 | BF | .019 | .022 | .022 | .020 | .019 | .020 | .019 | .017 | .015 | .017 | .021 | .023 | .023 | .024 | .023 | .026 | .026 | .025 | .024 | .022 | 23 | .026 |
| 9 | .023 | .021 | .019 | BF | .018 | .017 | .015 | .013 | .013 | .017 | .017 | .018 | .021 | .023 | .015 | .017 | .022 | .021 | .016 | .015 | .010 | .003 | .002 | .002 | 23 | .023 |
| 10 | .002 | .002 | .002 | BF | .017 | .017 | .014 | .007 | .010 | .015 | .019 | .020 | .022 | .022 | .024 | .020 | .020 | .016 | .010 | .005 | .006 | .021 | .022 | .018 | 23 | .024 |
| 11 | .018 | .014 | .011 | BF | .004 | .003 | .003 | .003 | .010 | .018 | .023 | .029 | .030 | .033 | .033 | .038 | .029 | .021 | .014 | .008 | .006 | .004 | .003 | .003 | 23 | .038 |
| 12 | .002 | .002 | .002 | BF | .003 | .002 | .002 | .002 | .002 | .009 | .032 | .036 | .037 | .040 | .042 | .042 | .041 | .040 | .029 | .029 | .032 | .031 | .029 | .025 | 23 | .042 |
| 13 | .023 | .021 | .017 | BF | .017 | .013 | .014 | .014 | .015 | .016 | .019 | .020 | .019 | .024 | .024 | .022 | .022 | .023 | .024 | .022 | .020 | .016 | .017 | .021 | 23 | .024 |
| 14 | .020 | .018 | .016 | BF | .010 | .006 | .004 | .003 | .005 | .024 | .039 | .041 | .043 | .040 | .037 | .036 | .035 | .030 | .030 | .030 | .029 | .029 | .033 | .035 | 23 | .043 |
| 15 | .028 | .013 | .008 | BF | .006 | .006 | .006 | .005 | .009 | .028 | .033 | .033 | .033 | .033 | .031 | .031 | .029 | .028 | .021 | .012 | .012 | .010 | .006 | .018 | 23 | .033 |
| 16 | .019 | .019 | .021 | BF | .021 | .019 | .015 | .017 | .022 | .027 | .028 | .030 | .032 | .033 | .034 | .035 | .036 | .035 | .033 | .030 | .029 | .025 | .023 | .021 | 23 | .036 |
| 17 | .017 | .013 | .010 | BF | .008 | .007 | .007 | .008 | .014 | .029 | .037 | .035 | .036 | .037 | .037 | .038 | .038 | .033 | .023 | .017 | .012 | .010 | AE | AE | 21 | .038 |
| 18 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | .037 | .039 | .041 | .043 | .043 | AE | .043 | .034 | .027 | .019 | .014 | .012 | .011 | .010 | 13 | .043 |
| 19 | .010 | .009 | .008 | BF | .007 | .007 | .007 | .008 | .011 | .014 | .037 | .048 | .049 | .049 | .049 | .049 | .049 | .040 | .032 | .021 | .016 | .014 | .013 | .012 | 23 | .049 |
| 20 | .014 | .013 | .014 | BF | .015 | .014 | AE | AE | AE | .022 | .048 | .050 | .049 | .051 | .048 | .048 | .049 | .045 | .034 | .024 | .019 | .017 | .016 | .014 | 20 | .051 |
| 21 | .012 | .011 | .010 | BF | .009 | .009 | .008 | AE | AE | .012 | .046 | .056 | .059 | .061 | .062 | .063 | .057 | .042 | .033 | .024 | .018 | .014 | .012 | .010 | 21 | .063 |
| 22 | .009 | .007 | .007 | BF | .006 | .006 | .005 | .006 | .006 | .025 | .049 | .046 | .045 | .045 | .044 | .044 | .045 | .037 | .024 | .034 | .043 | .042 | .040 | .039 | 23 | .049 |
| 23 | .039 | .039 | .038 | BF | .037 | .036 | .034 | .030 | .027 | .024 | .023 | .023 | .025 | .026 | .028 | .033 | .030 | .031 | .028 | .026 | .037 | .036 | .034 | .033 | 23 | .039 |
| 24 | .033 | .037 | .035 | BF | .022 | .019 | .019 | .015 | .020 | .037 | .042 | .043 | .042 | .042 | .043 | .043 | .041 | .036 | .034 | .036 | .035 | .031 | .024 | .024 | 23 | .043 |
| 25 | .032 | .031 | .020 | BF | .020 | .020 | .014 | .020 | .034 | .035 | .035 | .035 | .033 | .032 | .033 | .034 | .034 | .034 | .033 | .032 | .033 | .034 | .037 | .038 | 23 | .038 |
| 26 | .039 | .040 | .039 | BF | .030 | .024 | .022 | .019 | .029 | .039 | .042 | .043 | .043 | .044 | .045 | .045 | .044 | .034 | .026 | .023 | .018 | .014 | .012 | .010 | 23 | .045 |
| 27 | .009 | .008 | .007 | BF | .005 | .006 | .005 | .005 | .010 | .015 | .041 | .044 | .047 | .047 | .049 | .050 | .049 | .049 | .038 | .032 | .023 | .018 | .017 | 23 | .050 | |
| 28 | .020 | .018 | .022 | BF | .040 | .042 | .044 | .043 | .043 | .043 | .041 | .043 | .043 | .043 | .042 | .042 | .040 | .039 | .040 | .034 | .027 | .026 | .039 | .043 | 23 | .044 |
| 29 | .038 | .028 | .018 | BF | .013 | .014 | .015 | .015 | .015 | .017 | .017 | .017 | .019 | .021 | .022 | .022 | .023 | .026 | .027 | .026 | .026 | .026 | .026 | AV | 22 | .038 |
| 30 | AV | AE | AE | BF | .031 | .033 | .035 | .035 | .034 | .036 | .039 | .042 | .042 | .041 | .040 | .040 | .038 | .024 | .016 | .016 | .012 | .010 | .008 | .007 | 20 | .042 |
| 31 | .009 | .012 | .019 | BF | .040 | .039 | .038 | .037 | .042 | .045 | .046 | .048 | .048 | .049 | .049 | .049 | .047 | .036 | .024 | .022 | .015 | .011 | .008 | .007 | 23 | .049 |
| NO.: | 29 | 28 | 28 | | 29 | 29 | 28 | 27 | 27 | 29 | 31 | 31 | 31 | 30 | 30 | 29 | 30 | 30 | 31 | 31 | 31 | 31 | 30 | 29 | | |
| MAX: | .039 | .040 | .039 | | .040 | .042 | .044 | .043 | .043 | .045 | .049 | .056 | .059 | .061 | .062 | .063 | .057 | .049 | .049 | .038 | .043 | .042 | .040 | .043 | | |
| AVG: | .0172 | .0161 | .0148 | | .0156 | .0151 | .0141 | .0139 | .0173 | .0247 | .0347 | .0367 | .0371 | .0381 | .0383 | .0386 | .0377 | .0330 | .0273 | .0230 | .0207 | .0189 | .0182 | .0176 | | |

MONTHLY OBSERVATIONS: 679 MONTHLY MEAN: .0250 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-011-0002 POC: 1
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 CITY: (00000) Not in a city
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 SITE COMMENTS: IMPROVED SAMPLING SYSTEM LOCATED ON EAST SIDE OF THE BUILDING
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 AQCR: (165) EASTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.972347
 LONGITUDE: -81.933072
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 987
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .006 | .006 | .005 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .006 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .006 | .006 | .005 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0060 | .0060 | .0050 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0057 MONTHLY MAX: .006

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-021-0030 POC: 1
 COUNTY: (021) Buncombe
 CITY: (05049) Bent Creek
 SITE ADDRESS: ROUTE 191 SOUTH BREVARD RD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.5001020027
 LONGITUDE: -82.599860310
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 675
 PROBE HEIGHT:

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .031 | .026 | .022 | BF | .014 | .012 | .014 | .010 | .014 | .025 | .027 | .026 | .028 | .031 | .032 | .031 | .030 | .025 | .030 | .024 | .034 | .026 | .032 | .040 | 23 | .040 |
| 2 | .042 | .042 | .043 | BF | .042 | .040 | .038 | .037 | .037 | .038 | .038 | .040 | .041 | .043 | .046 | .047 | .047 | .047 | .045 | .044 | .043 | .042 | .042 | .042 | 23 | .047 |
| 3 | .039 | .034 | .020 | BF | .022 | .018 | .016 | .021 | .037 | .038 | .041 | .044 | .045 | .046 | .047 | .047 | .046 | .046 | .044 | .042 | .042 | .041 | .039 | .035 | 23 | .047 |
| 4 | .026 | .025 | .023 | BF | .018 | .024 | .027 | .024 | .020 | .033 | .038 | .040 | .041 | .043 | .049 | .050 | .052 | .050 | .044 | .038 | .033 | .032 | .024 | .023 | 23 | .052 |
| 5 | .022 | .018 | .018 | BF | .013 | .012 | .013 | .013 | .020 | .028 | .037 | .044 | .048 | .050 | .051 | .051 | .051 | .053 | .053 | .051 | .046 | .037 | .037 | .039 | 23 | .053 |
| 6 | .042 | .037 | .040 | BF | .035 | .031 | .030 | .029 | .036 | .041 | .042 | .044 | .048 | .051 | .052 | .051 | .051 | .052 | .052 | .049 | .046 | .042 | .043 | .045 | 23 | .052 |
| 7 | .042 | .043 | .047 | BF | .048 | .047 | .047 | .045 | .044 | .045 | .045 | .045 | .046 | .046 | .047 | .047 | .046 | .046 | .044 | .034 | .038 | .043 | .042 | .029 | 23 | .048 |
| 8 | .018 | .014 | .032 | BF | .041 | .042 | .041 | .038 | .039 | .040 | .044 | .046 | .049 | .049 | .051 | .051 | .050 | .050 | .046 | .034 | .029 | .025 | .025 | .022 | 23 | .051 |
| 9 | .017 | .015 | .016 | BF | .011 | .010 | .006 | .006 | .018 | .025 | .032 | .043 | .047 | .051 | .053 | .054 | .056 | .054 | .049 | .043 | .036 | .032 | .028 | .025 | 23 | .056 |
| 10 | .022 | .021 | .022 | BF | .023 | .033 | .026 | .015 | .025 | .045 | .045 | .045 | .045 | .047 | .046 | .047 | .047 | .047 | .047 | .047 | .047 | .047 | .045 | .044 | 23 | .047 |
| 11 | .044 | .044 | .036 | BF | .041 | .039 | .040 | .040 | .040 | .039 | .040 | .041 | .041 | .042 | .041 | .041 | .041 | .042 | .043 | .043 | .042 | .042 | .041 | .042 | 23 | .044 |
| 12 | .041 | .040 | .039 | BF | .040 | .039 | .037 | .036 | .036 | .039 | .042 | .044 | .047 | .049 | .047 | .047 | .046 | .045 | .044 | .041 | .031 | .027 | .025 | .024 | 23 | .049 |
| 13 | .030 | .026 | .025 | BF | .028 | .028 | .020 | .015 | .031 | .043 | .042 | .045 | .046 | .045 | .044 | .044 | .041 | .038 | .036 | .035 | .033 | .034 | .032 | .032 | 23 | .046 |
| 14 | .032 | .032 | .033 | BF | .033 | .035 | .035 | .035 | .034 | .034 | .032 | .029 | .028 | .030 | .038 | .038 | .037 | .038 | .040 | .041 | .041 | .041 | .041 | .041 | 23 | .041 |
| 15 | .041 | .044 | .043 | BF | .042 | .041 | .040 | .042 | .042 | .042 | .043 | .043 | .043 | .044 | .044 | .045 | .045 | .044 | .043 | .043 | .042 | .042 | .043 | .043 | 23 | .045 |
| 16 | .043 | .043 | .043 | BF | .043 | .040 | .056 | .056 | .042 | .043 | .046 | .046 | .047 | .048 | .050 | .051 | .051 | .050 | .047 | .040 | .033 | .032 | .028 | .025 | 23 | .056 |
| 17 | .027 | .023 | .019 | BF | .014 | .011 | .008 | .008 | .013 | .018 | .023 | .029 | .037 | .046 | .048 | .050 | .049 | .048 | .045 | .047 | .049 | .040 | .030 | .032 | 23 | .050 |
| 18 | .034 | .029 | .023 | BF | .018 | .015 | .009 | .011 | .013 | .028 | .033 | .039 | .043 | .046 | .047 | .049 | .052 | .052 | .053 | .052 | .050 | .045 | .043 | .040 | 23 | .053 |
| 19 | .037 | .035 | .035 | BF | .034 | .035 | .034 | .034 | .032 | .031 | .032 | .032 | .032 | .034 | .035 | .037 | .040 | .041 | .040 | .039 | .035 | .027 | .021 | .019 | 23 | .041 |
| 20 | .019 | .018 | .014 | BF | .009 | .006 | .005 | .008 | .015 | .016 | .023 | .035 | .039 | .043 | .044 | .046 | .044 | .042 | .034 | .023 | .022 | .018 | .017 | .014 | 23 | .046 |
| 21 | .013 | .013 | .012 | BF | .009 | .007 | .006 | .004 | .012 | .027 | .036 | .044 | .048 | .048 | .050 | .052 | .052 | .053 | .050 | .045 | .047 | .049 | .048 | .043 | 23 | .053 |
| 22 | .042 | .039 | .041 | BF | .044 | .043 | .043 | .042 | .042 | .042 | .041 | .046 | .048 | .050 | .053 | .053 | .053 | .052 | .050 | .044 | .035 | .032 | .026 | .025 | 23 | .053 |
| 23 | .021 | .022 | .022 | BF | .028 | .037 | .037 | .039 | .045 | .044 | .047 | .047 | .049 | .050 | .053 | .053 | .054 | .054 | .055 | .054 | .053 | .052 | .049 | .048 | 23 | .055 |
| 24 | .047 | .044 | .045 | BF | .045 | .046 | .029 | .043 | .050 | .051 | .051 | .049 | .048 | .047 | .046 | .046 | .046 | .046 | .049 | .050 | .045 | .035 | .031 | .028 | 23 | .051 |
| 25 | .027 | .027 | .025 | BF | .034 | .026 | .024 | .025 | .041 | .045 | .046 | .047 | .047 | .047 | .047 | .048 | .048 | .047 | .046 | .044 | .035 | .032 | .026 | .034 | 23 | .048 |
| 26 | .041 | .042 | .042 | BF | .043 | .041 | .037 | .035 | .035 | .038 | .043 | .042 | .043 | .043 | .045 | .047 | .046 | .046 | .043 | .039 | .038 | .034 | .026 | .015 | 23 | .047 |
| 27 | .019 | .023 | .025 | BF | .014 | .012 | .004 | .003 | .009 | .024 | .034 | .040 | .041 | .043 | .044 | .040 | .039 | .047 | .049 | .050 | .043 | .031 | .028 | .042 | 23 | .050 |
| 28 | .048 | .040 | .037 | BF | .023 | .019 | .021 | .021 | .026 | .032 | .044 | .044 | .046 | .048 | .049 | .051 | .051 | .050 | .050 | .046 | .035 | .024 | .021 | .014 | 23 | .051 |
| 29 | .012 | .014 | .010 | BF | .004 | .003 | .002 | .007 | .024 | .036 | .048 | .051 | .055 | .057 | .056 | .056 | .055 | .056 | .052 | .038 | .034 | .028 | .032 | .028 | 23 | .057 |
| 30 | .033 | .039 | .038 | BF | .045 | .043 | .040 | .037 | .035 | .032 | .033 | AZ | AZ | .033 | .032 | .033 | .032 | .032 | .033 | .033 | .033 | .033 | .031 | .030 | 21 | .045 |
| 31 | .044 | .045 | .043 | BF | .049 | .048 | .036 | .035 | .045 | .038 | .045 | .048 | .041 | .043 | .043 | .042 | .042 | .042 | .043 | .044 | .043 | .043 | .040 | .035 | 23 | .049 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .048 | .045 | .047 | | .049 | .048 | .056 | .056 | .050 | .051 | .051 | .051 | .055 | .057 | .056 | .056 | .056 | .056 | .055 | .054 | .053 | .052 | .049 | .048 | | |
| AVG: | .0321 | .0309 | .0301 | | .0293 | .0285 | .0265 | .0263 | .0307 | .0355 | .0391 | .0419 | .0436 | .0449 | .0461 | .0465 | .0465 | .0463 | .0452 | .0418 | .0392 | .0357 | .0334 | .0322 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0370 MONTHLY MAX: .057

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-021-0030 POC: 1
 COUNTY: (021) Buncombe
 CITY: (05049) Bent Creek
 SITE ADDRESS: ROUTE 191 SOUTH BREVARD RD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.5001020027
 LONGITUDE: -82.599860310
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 675
 PROBE HEIGHT:

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .034 | .035 | .032 | BF | .032 | .032 | .036 | .039 | .038 | .038 | .038 | .039 | .041 | .043 | .043 | .044 | .045 | .045 | .043 | .041 | .038 | .036 | .034 | .029 | 23 | .045 | |
| 2 | .021 | .016 | .011 | BF | .006 | .004 | .003 | .006 | .021 | .033 | .036 | .039 | .042 | .043 | .045 | .046 | .046 | .049 | .052 | .053 | .051 | .043 | .036 | .037 | 23 | .053 | |
| 3 | .042 | .045 | .043 | BF | .037 | .036 | .035 | .038 | .039 | .041 | .040 | .037 | .034 | .031 | .030 | .034 | .046 | .045 | .040 | .038 | .020 | .016 | .011 | .007 | 23 | .046 | |
| 4 | .004 | .005 | .006 | BF | .006 | .012 | .035 | .036 | .042 | .052 | .052 | .052 | .054 | .056 | .056 | .053 | .051 | .050 | .049 | .037 | .035 | .025 | .023 | .019 | 23 | .056 | |
| 5 | .015 | .013 | .011 | BF | .008 | .005 | .003 | .002 | .002 | .005 | .025 | .050 | .041 | .045 | .046 | .044 | .045 | .043 | .047 | .048 | .045 | .044 | .047 | .045 | 23 | .050 | |
| 6 | .041 | .032 | .020 | BF | .036 | .038 | .029 | .035 | .036 | .035 | .034 | .034 | .035 | .035 | .036 | .037 | .038 | .040 | .041 | .043 | .042 | .041 | .041 | .041 | 23 | .043 | |
| 7 | .041 | .042 | .042 | BF | .042 | .041 | .040 | .038 | .041 | .041 | .043 | .044 | .045 | .046 | .048 | .049 | .050 | .050 | .050 | .049 | .050 | .049 | .050 | .049 | 23 | .050 | |
| 8 | .050 | .049 | .048 | BF | .046 | .046 | .044 | .042 | .040 | .039 | .043 | .048 | .052 | .057 | .057 | .057 | .057 | .057 | .054 | .039 | .039 | .036 | .030 | .029 | 23 | .057 | |
| 9 | .024 | .023 | .022 | BF | .016 | .016 | .015 | .016 | .027 | .038 | .051 | .054 | .055 | .056 | .057 | .058 | .059 | .060 | .062 | .060 | .057 | .055 | .040 | .038 | 23 | .062 | |
| 10 | .039 | .037 | .035 | BF | .031 | .024 | .019 | .016 | .030 | .040 | .049 | .056 | .058 | .057 | .057 | .058 | .058 | .059 | .060 | .063 | .059 | .054 | .046 | .039 | 23 | .063 | |
| 11 | .036 | .031 | .029 | BF | .018 | .016 | .013 | .017 | .036 | .039 | .053 | .062 | .067 | .067 | .063 | .058 | .056 | .057 | .061 | .063 | .063 | .055 | .039 | .037 | 23 | .067 | |
| 12 | .032 | .039 | .044 | BF | .045 | .036 | .024 | .026 | .033 | .042 | .050 | .053 | .054 | .057 | .059 | .060 | .062 | .062 | .061 | .057 | .051 | .041 | .034 | .031 | 23 | .062 | |
| 13 | .026 | .025 | .022 | BF | .018 | .015 | .012 | .017 | .030 | .048 | .055 | .058 | .061 | .062 | .061 | .060 | .061 | .060 | .063 | .055 | .044 | .039 | .033 | .034 | 23 | .063 | |
| 14 | .027 | .023 | .022 | BF | .014 | .010 | .007 | .009 | .026 | .042 | .056 | .064 | .068 | .068 | .064 | .062 | .060 | .060 | .057 | .045 | .040 | .037 | .033 | .028 | 23 | .068 | |
| 15 | .026 | .027 | .026 | BF | .023 | .017 | .015 | .024 | .035 | .042 | .048 | .054 | .059 | .058 | .060 | .060 | .059 | .057 | .054 | .051 | .050 | .045 | .035 | .031 | 23 | .060 | |
| 16 | .034 | .032 | .042 | BF | .032 | .030 | .025 | .030 | .041 | .046 | .049 | .052 | .053 | .048 | .047 | .047 | .046 | .047 | .047 | .047 | .038 | .029 | .029 | .027 | 23 | .053 | |
| 17 | .025 | .020 | .018 | BF | .009 | .006 | .004 | .013 | .016 | .031 | .048 | .046 | .045 | .046 | .044 | .039 | .038 | .034 | .030 | .019 | .014 | .010 | .010 | .009 | 23 | .048 | |
| 18 | .008 | .006 | .008 | BF | .003 | .003 | .015 | .033 | .035 | .037 | .041 | .042 | .045 | .046 | AI | .044 | .042 | .040 | .041 | .041 | .040 | .037 | .033 | .026 | 22 | .046 | |
| 19 | .023 | .020 | .018 | BF | .014 | .015 | .017 | BF | .032 | .031 | .031 | .028 | .029 | .027 | .029 | .033 | .033 | .029 | .027 | .024 | .018 | .013 | .017 | .018 | 22 | .033 | |
| 20 | .017 | .016 | .014 | BF | .014 | .011 | .015 | .014 | .012 | .016 | .013 | .024 | .039 | .030 | .036 | .044 | .039 | .028 | .025 | .017 | .010 | .005 | .004 | .003 | 23 | .044 | |
| 21 | .002 | .001 | .001 | BF | .000 | .000 | .000 | .008 | .021 | .032 | .037 | .045 | .051 | .052 | .049 | .041 | .035 | .029 | .026 | .027 | .025 | .023 | .017 | .013 | 23 | .052 | |
| 22 | .015 | .013 | .010 | BF | .011 | .016 | .025 | .024 | .023 | .024 | .027 | .040 | .043 | .043 | .048 | .048 | .046 | .040 | .038 | .037 | .047 | .044 | .042 | .039 | 23 | .048 | |
| 23 | .037 | .039 | .042 | BF | .037 | .038 | .028 | .026 | .024 | .028 | .030 | .029 | .029 | .030 | .029 | .027 | .026 | .025 | .022 | .020 | .019 | .017 | .018 | .024 | 23 | .042 | |
| 24 | .024 | .025 | .024 | BF | .024 | .025 | .026 | .025 | .024 | .026 | .025 | .024 | .024 | .025 | .025 | .026 | .025 | .023 | .022 | .015 | .008 | .005 | .004 | .005 | 23 | .026 | |
| 25 | .005 | .008 | .006 | BF | .008 | .010 | .012 | .014 | .018 | .020 | .028 | .033 | .035 | .037 | .036 | .037 | .038 | .039 | .037 | .034 | .025 | .016 | .010 | .007 | 23 | .039 | |
| 26 | .005 | .003 | .003 | BF | .001 | .001 | .001 | .002 | .016 | .032 | .041 | .046 | .055 | .059 | .056 | .048 | .047 | .048 | .056 | .059 | .061 | .057 | .051 | .040 | 23 | .061 | |
| 27 | .047 | .044 | .049 | BF | .054 | .051 | .044 | .039 | .051 | .054 | .050 | .044 | .041 | .038 | .035 | .032 | .027 | .024 | .021 | .010 | .004 | .002 | .001 | .001 | 23 | .054 | |
| 28 | .002 | .007 | .010 | BF | .012 | .011 | .016 | .023 | .027 | .030 | .032 | .038 | .043 | .043 | .043 | .043 | .043 | .043 | .042 | .039 | .034 | .031 | .028 | .020 | 23 | .043 | |
| 29 | .015 | .010 | .008 | BF | .006 | .009 | .012 | .025 | .028 | .033 | .038 | .039 | .039 | .043 | .042 | .042 | AE | AE | AE | .039 | .037 | .034 | .033 | .029 | 20 | .043 | |
| 30 | .027 | .026 | .025 | BF | .026 | .026 | .024 | .025 | .026 | .026 | .028 | .029 | .030 | .032 | .035 | .035 | .036 | .035 | .033 | .031 | .029 | .027 | .025 | .023 | 23 | .036 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .050 | .049 | .049 | | .054 | .051 | .044 | .042 | .051 | .054 | .056 | .064 | .068 | .068 | .064 | .062 | .062 | .062 | .062 | .063 | .063 | .063 | .057 | .051 | .049 | | |
| AVG: | .0248 | .0237 | .0230 | | .0210 | .0200 | .0198 | .0228 | .0290 | .0347 | .0397 | .0434 | .0456 | .0460 | .0461 | .0455 | .0453 | .0441 | .0435 | .0400 | .0364 | .0322 | .0285 | .0259 | | | |

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: .0339 MONTHLY MAX: .068

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-021-0030 POC: 1
 COUNTY: (021) Buncombe
 CITY: (05049) Bent Creek
 SITE ADDRESS: ROUTE 191 SOUTH BREVARD RD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.5001020027
 LONGITUDE: -82.599860310
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 675
 PROBE HEIGHT:

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .022 | .023 | .024 | BF | .023 | .023 | .022 | .024 | .026 | .025 | .027 | AV | .032 | .054 | 12 | .054 | |
| 2 | .052 | .049 | .052 | BF | .052 | .050 | .050 | AI | .049 | .051 | .051 | .052 | .053 | .052 | .050 | .050 | .051 | .051 | .052 | .050 | .041 | .035 | .034 | .031 | 22 | .053 | |
| 3 | .026 | .026 | .022 | BF | .011 | .011 | .009 | .024 | .039 | .046 | .048 | .049 | .050 | .050 | .053 | .052 | .049 | .046 | .043 | .046 | .043 | .040 | .040 | .042 | .033 | 23 | .057 |
| 4 | .033 | .043 | .042 | BF | .047 | .045 | .043 | .044 | .052 | .055 | .050 | .050 | .053 | .052 | .049 | .046 | .043 | .046 | .046 | .043 | .040 | .040 | .039 | .043 | 23 | .055 | |
| 5 | .046 | .044 | .042 | BF | .040 | .035 | .023 | .029 | .033 | .033 | .036 | .036 | .035 | .034 | .029 | .030 | .028 | .024 | .023 | .018 | .021 | .024 | .027 | .033 | 23 | .046 | |
| 6 | .031 | .031 | .032 | BF | .046 | .045 | .044 | .044 | .044 | .047 | .050 | .052 | .051 | .049 | .044 | .041 | .037 | .036 | .031 | .025 | .027 | .027 | .028 | .030 | 23 | .052 | |
| 7 | .029 | .033 | .030 | BF | .017 | .011 | .020 | .031 | .036 | .040 | .045 | .046 | .046 | .047 | .048 | .047 | .048 | .048 | .049 | .048 | .046 | .044 | .043 | .043 | 23 | .049 | |
| 8 | .044 | .044 | .044 | BF | .030 | .027 | .024 | .035 | .042 | .047 | .050 | .051 | .056 | .056 | .056 | .057 | .057 | .056 | .055 | .055 | .051 | .041 | .036 | .033 | 23 | .057 | |
| 9 | .029 | .026 | .021 | BF | .018 | .016 | .016 | .016 | .013 | .037 | .052 | .055 | .057 | .058 | .058 | .057 | .058 | .058 | .048 | .038 | .038 | .033 | .029 | .028 | 23 | .058 | |
| 10 | .023 | .041 | .045 | BF | .047 | .034 | .038 | .053 | .058 | .064 | .065 | .067 | .067 | .066 | .065 | .064 | .063 | .062 | .057 | .042 | .046 | .037 | .033 | .027 | 23 | .067 | |
| 11 | .024 | .017 | .012 | BF | .006 | .007 | .006 | .033 | .042 | .045 | .050 | .052 | .050 | .049 | .053 | .054 | .053 | .053 | .048 | .036 | .034 | .030 | .027 | .025 | 23 | .054 | |
| 12 | .022 | .023 | .020 | BF | .014 | .011 | .010 | .016 | .035 | .043 | .046 | .043 | .036 | .032 | .028 | .027 | .027 | .025 | .025 | .023 | .018 | .019 | .018 | .016 | 23 | .046 | |
| 13 | .015 | .014 | .013 | BF | .006 | .004 | .004 | .012 | .025 | .029 | .028 | .036 | .040 | .044 | .045 | .045 | .046 | .047 | .048 | .045 | .041 | .028 | .031 | .034 | 23 | .048 | |
| 14 | .032 | .025 | .023 | BF | .011 | .009 | .008 | .015 | .024 | .042 | .047 | .053 | .054 | .057 | .058 | .057 | .057 | .058 | .052 | .040 | .032 | .032 | .025 | .020 | 23 | .058 | |
| 15 | .016 | .011 | .009 | BF | .004 | .003 | .003 | .008 | .019 | .034 | .054 | .054 | .055 | .055 | .055 | .056 | .054 | .055 | .056 | .040 | .038 | .031 | .028 | .024 | 23 | .056 | |
| 16 | .021 | .015 | .011 | BF | .006 | .005 | .005 | .016 | .021 | .053 | .057 | .061 | .061 | .062 | .058 | AE | AE | AE | AE | .064 | .058 | .041 | .037 | .031 | 19 | .064 | |
| 17 | .023 | .020 | .015 | BF | .008 | .006 | .004 | .022 | .039 | .045 | .050 | .053 | .053 | .053 | .053 | .054 | .052 | .052 | .052 | .050 | .044 | .035 | .030 | .024 | 23 | .054 | |
| 18 | .019 | .014 | .015 | BF | .016 | .015 | .015 | .024 | .027 | .030 | .038 | .041 | .035 | .035 | .034 | .036 | .035 | .036 | .036 | .036 | .031 | .022 | .019 | .022 | 23 | .041 | |
| 19 | .020 | .016 | .012 | BF | .009 | .008 | .007 | .024 | .029 | .040 | .049 | .049 | .042 | .042 | .038 | .031 | .036 | .035 | .036 | .023 | .016 | .014 | .009 | .006 | 23 | .049 | |
| 20 | .003 | .002 | .001 | BF | .000 | .002 | .003 | .007 | .015 | .028 | .037 | .041 | .042 | .042 | .043 | .044 | .045 | .046 | .047 | .043 | .032 | .026 | .022 | .019 | 23 | .047 | |
| 21 | .018 | .020 | .015 | BF | .020 | .020 | .023 | .024 | .027 | .026 | .028 | .027 | .027 | .025 | .023 | .022 | .021 | .023 | .021 | .014 | .008 | .004 | .003 | .002 | 23 | .028 | |
| 22 | .005 | .007 | .005 | BF | .003 | .003 | .009 | .011 | .015 | .019 | .026 | .032 | .032 | .035 | .034 | .025 | .028 | .031 | .022 | .014 | .012 | .009 | .006 | .006 | 23 | .035 | |
| 23 | .002 | .000 | .005 | BF | .007 | .005 | .003 | .010 | .014 | .018 | .026 | .027 | .028 | .026 | .023 | .028 | .026 | .027 | .020 | .011 | .008 | .005 | .005 | .005 | 23 | .028 | |
| 24 | .004 | .006 | .005 | BF | .005 | .003 | .007 | .020 | .022 | .027 | .031 | .029 | .032 | .034 | .035 | .034 | .033 | .034 | .032 | .027 | .023 | .017 | .015 | .030 | 23 | .035 | |
| 25 | .029 | .029 | .029 | BF | .031 | .030 | .034 | .036 | .034 | .036 | .042 | .042 | .041 | .043 | .042 | .043 | .041 | .042 | .043 | .043 | .044 | .043 | .040 | .044 | 23 | .044 | |
| 26 | .050 | .042 | .040 | BF | .036 | .038 | .038 | .039 | .042 | .046 | .047 | .047 | .047 | .048 | .051 | .051 | .051 | .053 | .045 | .032 | .026 | .020 | .017 | .012 | 23 | .053 | |
| 27 | .010 | .006 | .005 | BF | .002 | .002 | .004 | .012 | .025 | .037 | .050 | .050 | .045 | .040 | .041 | .044 | .040 | .033 | .023 | .020 | .018 | .013 | .012 | .037 | 23 | .050 | |
| 28 | .040 | .028 | .028 | BF | .028 | .028 | .020 | .020 | .023 | .026 | .033 | .043 | .044 | .040 | .037 | .036 | .036 | .034 | .033 | .024 | .012 | .008 | .005 | .003 | 23 | .044 | |
| 29 | .001 | .001 | .001 | BF | .004 | .002 | .003 | .010 | .030 | .039 | .043 | .046 | .048 | .043 | .040 | .039 | .038 | .033 | .024 | .018 | .013 | .015 | .009 | .011 | 23 | .048 | |
| 30 | .010 | .006 | .008 | BF | .006 | .003 | .005 | .014 | .017 | .025 | .030 | .039 | .042 | .045 | .047 | .044 | .042 | .041 | .031 | .019 | .015 | .013 | .011 | .011 | 23 | .047 | |
| 31 | .007 | .006 | .006 | BF | .001 | .001 | .002 | .010 | .022 | .039 | .048 | .046 | .040 | .042 | .045 | .047 | .048 | .049 | .042 | .032 | .028 | .026 | .022 | .017 | 23 | .049 | |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 29 | 30 | 30 | 30 | 31 | 31 | | | |
| MAX: | .052 | .049 | .052 | | .052 | .050 | .050 | .053 | .058 | .064 | .065 | .067 | .067 | .066 | .065 | .064 | .063 | .062 | .057 | .064 | .058 | .050 | .043 | .054 | | | |
| AVG: | .0228 | .0215 | .0204 | | .0179 | .0162 | .0162 | .0228 | .0303 | .0378 | .0430 | .0456 | .0454 | .0452 | .0445 | .0437 | .0430 | .0428 | .0396 | .0342 | .0304 | .0261 | .0237 | .0243 | | | |

MONTHLY OBSERVATIONS: 697 MONTHLY MEAN: .0319 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-021-0030 POC: 1
 COUNTY: (021) Buncombe
 CITY: (05049) Bent Creek
 SITE ADDRESS: ROUTE 191 SOUTH BREVARD RD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.5001020027
 LONGITUDE: -82.599860310
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 675
 PROBE HEIGHT:

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .014 | .011 | .009 | BF | .005 | .003 | .003 | .008 | .012 | .039 | .052 | .055 | .054 | .054 | .054 | .054 | .051 | .050 | .042 | .035 | .031 | .029 | .027 | .022 | 23 | .055 | |
| 2 | .019 | .013 | .010 | BF | .006 | .003 | .004 | .010 | .033 | .048 | .051 | .050 | .050 | .050 | .050 | .052 | .053 | .053 | .053 | .039 | .036 | .030 | .025 | .022 | 23 | .053 | |
| 3 | .017 | .014 | .009 | BF | .006 | .004 | .006 | .014 | .028 | .047 | .056 | .056 | .055 | .051 | .052 | .053 | .052 | .055 | .047 | .038 | .034 | .030 | .026 | .023 | 23 | .056 | |
| 4 | .018 | .013 | .012 | BF | .005 | .006 | .009 | .020 | .030 | .039 | .038 | .036 | .037 | .031 | .031 | .032 | .027 | .027 | .028 | .027 | .022 | .018 | .028 | .020 | 23 | .039 | |
| 5 | .019 | .016 | .011 | BF | .007 | .005 | .007 | .012 | .018 | .024 | .025 | .026 | .029 | .028 | .024 | .023 | .028 | .036 | .025 | .020 | .010 | .009 | .019 | .016 | 23 | .036 | |
| 6 | .010 | .011 | .014 | BF | .015 | .018 | .015 | .023 | .028 | .035 | .041 | .051 | .058 | .064 | .064 | .059 | .058 | .056 | .053 | .052 | .053 | .048 | .045 | .042 | 23 | .064 | |
| 7 | .042 | .041 | .037 | BF | .022 | .016 | .012 | .023 | .036 | .042 | .046 | .050 | .050 | .049 | .048 | .047 | .042 | .033 | .028 | .022 | .021 | .019 | .018 | .021 | 23 | .050 | |
| 8 | .020 | .024 | .021 | BF | .014 | .011 | .012 | .032 | .037 | .040 | .044 | .042 | .043 | .046 | .044 | .042 | .045 | .041 | .040 | .044 | .034 | .026 | .015 | .011 | 23 | .046 | |
| 9 | .007 | .005 | .012 | BF | .010 | .010 | .012 | .014 | .018 | .022 | .036 | .045 | .051 | .047 | .045 | .042 | .043 | .043 | .044 | .033 | .024 | .019 | .019 | .013 | 23 | .051 | |
| 10 | .010 | .008 | .006 | BF | .002 | .002 | .003 | .014 | .026 | .043 | .052 | .057 | .060 | .059 | .055 | .049 | .051 | .051 | .052 | .053 | .055 | .045 | .037 | .031 | 23 | .060 | |
| 11 | .026 | .020 | .013 | BF | .006 | .004 | .004 | .020 | .031 | .045 | .051 | .047 | .046 | .047 | .047 | .044 | .043 | .043 | .041 | .040 | .033 | .026 | .024 | .020 | 23 | .051 | |
| 12 | .018 | .014 | .012 | BF | .003 | .002 | .001 | .008 | .021 | .034 | .044 | .046 | .046 | .047 | .040 | .039 | .037 | .032 | .025 | .021 | .019 | .015 | .013 | .011 | 23 | .047 | |
| 13 | .006 | .005 | .002 | BF | .008 | .010 | .006 | .017 | AI | .035 | .037 | .040 | .043 | .041 | .040 | AE | AE | AE | .034 | .023 | .024 | .025 | .024 | .014 | 19 | .043 | |
| 14 | .011 | .006 | .008 | BF | .007 | .008 | .008 | .013 | .019 | .033 | .038 | .039 | .039 | .041 | AE | AE | .047 | .039 | .038 | .028 | .017 | .009 | .003 | .002 | 21 | .047 | |
| 15 | .001 | .002 | .003 | BF | .000 | .000 | .003 | .020 | .034 | .037 | .042 | .043 | .041 | .037 | .033 | .035 | .039 | .042 | .037 | .036 | .025 | .015 | .014 | .008 | 23 | .043 | |
| 16 | .004 | .002 | .001 | BF | .001 | .002 | .014 | .022 | .030 | .038 | .044 | .050 | .051 | .043 | .036 | .035 | .037 | .038 | .028 | .026 | .015 | .016 | .010 | .005 | 23 | .051 | |
| 17 | .003 | .001 | .000 | BF | .004 | .002 | .004 | .018 | .026 | .031 | .039 | .031 | .032 | .038 | .037 | .036 | .038 | .035 | .025 | .021 | .016 | .012 | .008 | .010 | 23 | .039 | |
| 18 | .006 | .003 | .004 | BF | .002 | .000 | .001 | .013 | .021 | .028 | .033 | .033 | .035 | .035 | .036 | .036 | .034 | .032 | .032 | .032 | .033 | .028 | .025 | .025 | 23 | .036 | |
| 19 | .018 | .013 | .007 | BF | .004 | .002 | .005 | .016 | .018 | .020 | .024 | .027 | .029 | .029 | .027 | .029 | .029 | .025 | .016 | .021 | .031 | .024 | .018 | .016 | 23 | .031 | |
| 20 | .009 | .006 | .004 | BF | .009 | .003 | .005 | .014 | .022 | .032 | .044 | .052 | .052 | .052 | .054 | .050 | .049 | .044 | .041 | .036 | .023 | .016 | .019 | .012 | 23 | .054 | |
| 21 | .007 | .004 | .003 | BF | .003 | .003 | .002 | .011 | .015 | .023 | .030 | .029 | .032 | .033 | .030 | .024 | .021 | .025 | .023 | .017 | .010 | .007 | .005 | .003 | 23 | .033 | |
| 22 | .001 | .001 | .000 | BF | .000 | .000 | .000 | .001 | .001 | .004 | AZ | .016 | .015 | .013 | .013 | .014 | .014 | .011 | .012 | .011 | .012 | .016 | .016 | .013 | 22 | .016 | |
| 23 | .012 | .009 | .007 | BF | .002 | .002 | .002 | .006 | .009 | .015 | .019 | .017 | .018 | .022 | .025 | .025 | .025 | .024 | .023 | .022 | .022 | .021 | .017 | .013 | 23 | .025 | |
| 24 | .011 | .008 | .008 | BF | .021 | .017 | .012 | .022 | .025 | .025 | .027 | .026 | .028 | .023 | .025 | .030 | .034 | .032 | .035 | .037 | .035 | .037 | .037 | .023 | 23 | .037 | |
| 25 | .015 | .008 | .024 | BF | .023 | .018 | .018 | .021 | .028 | .031 | .033 | .032 | .032 | .033 | .034 | .034 | .038 | .040 | .041 | .034 | .023 | .018 | .011 | .008 | 23 | .041 | |
| 26 | .004 | .003 | .001 | BF | .003 | .003 | .006 | .016 | .037 | .043 | .046 | .046 | .047 | .047 | .046 | .045 | .043 | .042 | .042 | .030 | .025 | .022 | .016 | .014 | 23 | .047 | |
| 27 | .009 | .007 | .007 | BF | .003 | .003 | .006 | .024 | .036 | .040 | .041 | .040 | .041 | .040 | .041 | .044 | .045 | .045 | .044 | .031 | .030 | .024 | .021 | .017 | 23 | .045 | |
| 28 | .014 | .011 | .010 | BF | .005 | .004 | .005 | .011 | .022 | .029 | .046 | .052 | .053 | .052 | .051 | .051 | .053 | .060 | .060 | .057 | .053 | .042 | .038 | .033 | 23 | .060 | |
| 29 | .028 | .024 | .019 | BF | .010 | .008 | .007 | .021 | .036 | .043 | .045 | .047 | .047 | .047 | .046 | .046 | .047 | .045 | .045 | .043 | .041 | .037 | .034 | .034 | 23 | .047 | |
| 30 | .032 | .029 | .027 | BF | .020 | .018 | .016 | .018 | .018 | .018 | .018 | .018 | .017 | .017 | .019 | .019 | .022 | .023 | .024 | .020 | .013 | .007 | .004 | .004 | 23 | .032 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 30 | 29 | 30 | 30 | 30 | 29 | 28 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .042 | .041 | .037 | | .023 | .018 | .018 | .032 | .037 | .048 | .056 | .057 | .060 | .064 | .064 | .059 | .058 | .060 | .060 | .060 | .057 | .055 | .048 | .045 | .042 | | |
| AVG: | .0137 | .0111 | .0100 | | .0075 | .0062 | .0069 | .0161 | .0247 | .0328 | .0394 | .0400 | .0410 | .0405 | .0396 | .0389 | .0395 | .0387 | .0359 | .0316 | .0273 | .0230 | .0205 | .0169 | | | |

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: .0261 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-021-0030 POC: 1
 COUNTY: (021) Buncombe
 CITY: (05049) Bent Creek
 SITE ADDRESS: ROUTE 191 SOUTH BREVARD RD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.5001020027
 LONGITUDE: -82.599860310
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 675
 PROBE HEIGHT:

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .003 | .001 | .001 | BF | .001 | .002 | .004 | .005 | .008 | .025 | .030 | .030 | .036 | .040 | .036 | .035 | .035 | .041 | .039 | .029 | .029 | .018 | .013 | .011 | 23 | .041 |
| 2 | .008 | .015 | .013 | BF | .009 | .011 | .020 | .025 | .030 | .032 | .035 | .036 | .037 | .038 | .038 | .040 | .041 | .040 | .037 | .041 | .036 | .024 | AV | AV | 21 | .041 |
| 3 | AI | .002 | .000 | BF | .001 | .000 | .001 | .004 | .005 | .017 | .036 | .041 | .043 | .036 | .032 | .027 | .032 | .028 | .025 | .017 | .013 | .008 | .008 | .003 | 22 | .043 |
| 4 | .001 | .000 | .001 | BF | .007 | .005 | .005 | .008 | .013 | .022 | .027 | .029 | .030 | .033 | .034 | .036 | .035 | .036 | .025 | .018 | .010 | .013 | .014 | .007 | 23 | .036 |
| 5 | .005 | .003 | .001 | BF | .000 | .000 | .000 | .008 | .024 | .029 | .029 | .030 | .032 | .023 | .025 | .024 | .022 | .020 | .024 | .022 | .015 | .010 | .007 | .004 | 23 | .032 |
| 6 | .003 | .001 | .000 | BF | .000 | .000 | .001 | .002 | .005 | .014 | .023 | .026 | .029 | .034 | .030 | .028 | .031 | .027 | .024 | .016 | .019 | .015 | .011 | .009 | 23 | .034 |
| 7 | .007 | .004 | .005 | BF | .002 | .001 | .002 | .011 | .026 | .031 | .037 | .038 | .039 | .041 | .043 | .043 | .043 | .038 | .037 | .034 | .026 | .018 | .012 | .008 | 23 | .043 |
| 8 | .003 | .006 | .008 | BF | .003 | .002 | .002 | .016 | .033 | .038 | .041 | .047 | .049 | .047 | .044 | .040 | .043 | .033 | .038 | .021 | .010 | .007 | .005 | .015 | 23 | .049 |
| 9 | .009 | .003 | .002 | BF | .002 | .002 | .003 | .005 | .012 | .026 | .039 | .046 | .046 | .049 | .048 | .046 | .042 | .040 | .039 | .027 | .023 | .021 | .017 | .016 | 23 | .049 |
| 10 | .011 | .011 | .008 | BF | .003 | .002 | .003 | .008 | .022 | .035 | .048 | .053 | .048 | .047 | .047 | .046 | .045 | .046 | .037 | .030 | .026 | .021 | .017 | .012 | 23 | .053 |
| 11 | .008 | .005 | .003 | BF | .000 | .000 | .002 | .004 | AI | .032 | .052 | .058 | .044 | .040 | .035 | .039 | .039 | .043 | .037 | .032 | .029 | .024 | .018 | .012 | 22 | .058 |
| 12 | .009 | .006 | .003 | BF | .000 | .000 | .000 | .008 | .027 | .043 | .047 | .048 | .050 | .051 | .050 | .041 | .040 | .039 | .038 | .029 | .022 | .018 | .011 | .006 | 23 | .051 |
| 13 | .002 | .000 | .000 | BF | .000 | .000 | .000 | .005 | .017 | .040 | .049 | .050 | .048 | .041 | .037 | .038 | .038 | .031 | .020 | .023 | .019 | .016 | .013 | .010 | 23 | .050 |
| 14 | .006 | .002 | .001 | BF | .000 | .000 | .000 | .004 | .019 | .036 | .044 | .048 | .052 | .037 | .034 | .040 | .033 | .028 | .025 | .019 | .013 | .011 | .015 | .010 | 23 | .052 |
| 15 | .005 | .003 | .000 | BF | .000 | .000 | .002 | .009 | .020 | .025 | .029 | .032 | .033 | .029 | .024 | .027 | .032 | .029 | .023 | .013 | .003 | .001 | .000 | .001 | 23 | .033 |
| 16 | .001 | .002 | .001 | BF | .001 | .001 | .002 | .007 | .019 | .033 | .041 | .044 | .046 | .043 | .043 | .041 | .044 | .044 | .039 | .027 | .020 | .016 | .014 | .015 | 23 | .046 |
| 17 | .023 | .011 | .005 | BF | .001 | .001 | .003 | .008 | .019 | .037 | .048 | .050 | .052 | .045 | .044 | .037 | .036 | .031 | .033 | .034 | .041 | .044 | .033 | .022 | 23 | .052 |
| 18 | .014 | .008 | .004 | BF | .001 | .000 | .000 | .005 | .018 | .036 | .043 | .047 | .048 | .048 | .051 | .049 | .047 | .048 | .045 | .041 | .027 | .020 | .014 | .008 | 23 | .051 |
| 19 | .008 | .006 | .002 | AI | .001 | .000 | .002 | .004 | .023 | .038 | .050 | .049 | .049 | .049 | .048 | .050 | .054 | .050 | .036 | .030 | .024 | .020 | .016 | 23 | .054 | |
| 20 | .011 | .007 | .004 | BF | .003 | .002 | .004 | .014 | .026 | .036 | .051 | .050 | .047 | .050 | .051 | .050 | .049 | .050 | .051 | .035 | .032 | .023 | .017 | .016 | 23 | .051 |
| 21 | .011 | .010 | .009 | BF | .005 | .003 | .003 | .009 | .034 | .048 | .059 | .061 | .061 | .064 | .064 | .066 | .046 | .049 | .043 | .037 | .033 | .031 | .024 | .016 | 23 | .066 |
| 22 | .012 | .005 | .002 | BF | .001 | .000 | .001 | .012 | .022 | .038 | .054 | .045 | .038 | .039 | .038 | .040 | .037 | .028 | .027 | .017 | .012 | .010 | .007 | .004 | 23 | .054 |
| 23 | .002 | .004 | .003 | BF | .009 | .017 | .005 | .023 | .029 | .041 | .045 | .047 | .039 | .029 | .023 | .025 | .025 | .023 | .013 | .005 | .001 | .002 | .004 | .003 | 23 | .047 |
| 24 | .009 | .018 | .038 | BF | .029 | .033 | .032 | .031 | .031 | .033 | .040 | .044 | .046 | .050 | .053 | .054 | .050 | .048 | .033 | .026 | .021 | .015 | .010 | .007 | 23 | .054 |
| 25 | .004 | .004 | .002 | BF | .000 | .000 | .000 | .003 | .025 | .044 | .054 | .058 | .057 | .054 | .053 | .053 | .053 | .052 | .050 | .042 | .045 | .046 | .038 | .028 | 23 | .058 |
| 26 | .018 | .012 | .008 | BF | .002 | .001 | .001 | .003 | .013 | .031 | .040 | .049 | .052 | .058 | .063 | .060 | .053 | .050 | .050 | .044 | .029 | .028 | .029 | .022 | 23 | .063 |
| 27 | .013 | .006 | .005 | BF | .003 | .011 | .012 | .017 | .023 | .035 | .040 | .044 | .044 | .043 | .039 | .035 | .029 | .031 | .022 | .010 | .007 | .007 | .003 | .004 | 23 | .044 |
| 28 | .003 | .003 | .003 | BF | .002 | .002 | .003 | .005 | .006 | .007 | .017 | .021 | .019 | .020 | .024 | .032 | .029 | .022 | .024 | .017 | .008 | .004 | .003 | .003 | 23 | .032 |
| 29 | .012 | .029 | .033 | BF | .039 | .042 | .040 | .042 | .044 | .044 | .047 | .049 | .049 | .047 | .045 | .046 | .049 | .050 | .049 | .045 | .043 | .037 | .033 | .023 | 23 | .050 |
| 30 | .018 | .012 | .009 | BF | .007 | .003 | .004 | .013 | .024 | .033 | .037 | .042 | .043 | .042 | .039 | .038 | .037 | .038 | .040 | .030 | .024 | .022 | .017 | .013 | 23 | .043 |
| 31 | .012 | .008 | .008 | BF | .004 | .002 | .001 | .006 | .016 | .029 | .039 | .038 | .036 | .043 | .048 | .051 | .049 | .047 | .036 | .025 | .019 | .015 | .011 | .008 | 23 | .051 |
| NO.: | 30 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | | |
| MAX: | .023 | .029 | .038 | | .039 | .042 | .040 | .042 | .044 | .048 | .059 | .061 | .061 | .064 | .064 | .066 | .053 | .054 | .051 | .045 | .045 | .046 | .038 | .028 | | |
| AVG: | .0084 | .0067 | .0059 | | .0044 | .0046 | .0051 | .0105 | .0211 | .0325 | .0410 | .0435 | .0433 | .0423 | .0414 | .0411 | .0398 | .0382 | .0346 | .0272 | .0221 | .0184 | .0146 | .0111 | | |

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .0243 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-021-0030 POC: 1
 COUNTY: (021) Buncombe
 CITY: (05049) Bent Creek
 SITE ADDRESS: ROUTE 191 SOUTH BREVARD RD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.5001020027
 LONGITUDE: -82.599860310
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 675
 PROBE HEIGHT:

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SLAMS

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .006 | .005 | .003 | BF | .001 | .000 | .000 | .004 | .016 | .033 | .046 | .052 | .054 | .059 | .057 | .043 | .034 | .031 | .026 | .018 | .012 | .009 | .008 | .004 | 23 | .059 |
| 2 | .004 | .003 | .002 | BF | .000 | .000 | .000 | .002 | .011 | .014 | .020 | .029 | .035 | .042 | .051 | .051 | .044 | .036 | .032 | .019 | .011 | .008 | .007 | .006 | 23 | .051 |
| 3 | .002 | .001 | .000 | BF | .000 | .000 | .000 | .005 | .010 | .030 | .045 | .051 | .059 | .056 | .051 | .049 | .048 | .047 | .046 | .038 | .032 | .025 | .020 | .013 | 23 | .059 |
| 4 | .010 | .005 | .003 | BF | .001 | .000 | .002 | .008 | .012 | .028 | .043 | .054 | .051 | .046 | .039 | .037 | .040 | .037 | .031 | .021 | .014 | .012 | .008 | .009 | 23 | .054 |
| 5 | .004 | .003 | .006 | BF | .004 | .005 | .014 | .020 | .021 | .026 | .031 | .035 | .038 | .039 | .038 | .037 | .036 | .037 | .038 | .027 | .024 | .020 | .015 | .012 | 23 | .039 |
| 6 | .009 | .006 | .005 | BF | .002 | .002 | .001 | .007 | .020 | .031 | .035 | .037 | .039 | .037 | .037 | .035 | .037 | .038 | .039 | .037 | .036 | .033 | .031 | .015 | 23 | .039 |
| 7 | .022 | .022 | .022 | BF | .016 | .014 | .012 | .018 | .016 | .014 | .013 | .015 | .018 | .019 | .016 | .015 | .011 | .009 | .005 | .002 | .003 | .001 | .002 | 23 | .022 | |
| 8 | .007 | .018 | .024 | BF | .019 | .015 | .019 | .016 | .019 | .022 | .024 | .029 | .034 | .035 | .039 | .040 | .040 | .039 | .037 | .031 | .017 | .031 | .023 | .016 | 23 | .040 |
| 9 | .013 | .015 | .014 | AV | AV | AV | AV | AV | AI | .034 | .040 | .041 | .044 | .044 | .045 | .044 | .043 | .043 | .040 | .040 | .041 | .031 | .021 | .018 | 18 | .045 |
| 10 | .017 | .012 | .007 | BF | .008 | .008 | .014 | .026 | .032 | .034 | .033 | .031 | .032 | .033 | .034 | .034 | .033 | .032 | .028 | .026 | .031 | .030 | .031 | .022 | 23 | .034 |
| 11 | .015 | .006 | .003 | BF | .003 | .004 | .005 | .014 | .023 | .023 | .021 | .022 | .024 | .027 | .029 | .025 | .021 | .020 | .017 | .012 | .017 | .017 | .015 | .013 | 23 | .029 |
| 12 | .012 | .012 | .008 | BF | .005 | .010 | .011 | .012 | .018 | .026 | .030 | .036 | .036 | .034 | .030 | .027 | .031 | .023 | .018 | .010 | .010 | .009 | .006 | .004 | 23 | .036 |
| 13 | .004 | .011 | .005 | BF | .001 | .002 | .003 | .005 | .010 | .021 | .035 | .039 | .039 | .037 | .038 | .034 | .033 | .031 | .024 | .013 | .019 | .022 | .013 | .010 | 23 | .039 |
| 14 | .009 | .005 | .006 | BF | .005 | .003 | .004 | .014 | .022 | .025 | .031 | .039 | .045 | .035 | .028 | .032 | .033 | .036 | .034 | .028 | .024 | .023 | .017 | .014 | 23 | .045 |
| 15 | .010 | .006 | .005 | BF | .001 | .001 | .002 | .009 | .020 | .024 | .024 | .030 | .030 | .032 | .033 | .036 | .034 | .030 | .018 | .008 | .005 | .004 | .003 | 23 | .036 | |
| 16 | .002 | .001 | .001 | BF | .000 | .000 | .000 | .002 | .009 | .024 | .039 | .044 | .046 | .050 | .041 | .037 | .037 | .034 | .027 | .016 | .009 | .004 | .001 | .000 | 23 | .050 |
| 17 | .000 | .000 | .000 | BF | .000 | .001 | .000 | .002 | .005 | .016 | .034 | .043 | .037 | .032 | .029 | .027 | .025 | .027 | .023 | .013 | .007 | .004 | .002 | .000 | 23 | .043 |
| 18 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .001 | .006 | .010 | .020 | .025 | .031 | .029 | .032 | .033 | .034 | .034 | .032 | .024 | .019 | .010 | .007 | .010 | 23 | .034 |
| 19 | .020 | .017 | .013 | BF | .006 | .006 | .009 | .027 | .037 | .046 | .047 | .049 | .048 | .051 | .055 | .055 | .053 | .044 | .032 | .026 | .022 | .022 | .017 | .011 | 23 | .055 |
| 20 | .008 | .006 | .003 | BF | .001 | .000 | .000 | .005 | .011 | .028 | .045 | .046 | .045 | .047 | .050 | .048 | .045 | .044 | .040 | .024 | .020 | .018 | .013 | .007 | 23 | .050 |
| 21 | .004 | .003 | .002 | BF | .001 | .000 | .000 | .005 | .031 | .042 | .058 | .058 | .058 | .054 | .045 | .045 | .044 | .045 | .044 | .026 | .021 | .014 | .009 | .007 | 23 | .058 |
| 22 | .005 | .003 | .002 | BF | .001 | .003 | .008 | .006 | .010 | .022 | .049 | .059 | .059 | .053 | .047 | .044 | .043 | .036 | .031 | .019 | .021 | .021 | .016 | .012 | 23 | .059 |
| 23 | .010 | .005 | .004 | BF | .003 | .002 | .001 | .010 | .027 | .031 | .033 | .036 | .036 | .040 | .043 | .044 | .045 | .043 | .043 | .032 | .029 | .037 | .036 | .035 | 23 | .045 |
| 24 | .031 | .025 | .012 | BF | .010 | .006 | .008 | .018 | .021 | .036 | AZ | .041 | .042 | .042 | .042 | .048 | .054 | .056 | .053 | .053 | .050 | .048 | .041 | .031 | 22 | .056 |
| 25 | .021 | .021 | .017 | BF | .009 | .008 | .007 | .007 | .014 | .021 | .035 | .049 | .053 | .052 | .051 | .046 | .043 | .042 | .042 | .036 | .025 | .020 | .014 | .011 | 23 | .053 |
| 26 | .008 | .006 | .004 | BF | .002 | .002 | .004 | .010 | .027 | .042 | .050 | .050 | .049 | .051 | .046 | .047 | .045 | .042 | .040 | .040 | .031 | .022 | .018 | .016 | 23 | .051 |
| 27 | .012 | .023 | .029 | BF | .029 | .029 | .019 | .022 | .035 | .041 | .039 | .038 | .041 | .046 | .045 | .043 | .042 | .043 | .041 | .029 | .024 | .020 | .019 | .015 | 23 | .046 |
| 28 | .013 | .013 | .014 | BF | .015 | .016 | .015 | .033 | .039 | .044 | .045 | .046 | .045 | .044 | .044 | .042 | .040 | .034 | .028 | .021 | .021 | .021 | .028 | .038 | 23 | .046 |
| 29 | .042 | .038 | .036 | BF | .024 | .020 | .016 | .018 | .024 | .024 | .029 | .035 | .040 | .046 | .043 | .037 | .037 | .031 | .028 | .023 | .016 | .013 | .014 | .011 | 23 | .046 |
| 30 | .009 | .013 | .014 | BF | .010 | .010 | .009 | .011 | .018 | .026 | .037 | .045 | .051 | .039 | .034 | .027 | .024 | .025 | .019 | .013 | .010 | .008 | .010 | .010 | 23 | .051 |
| 31 | .007 | .009 | .008 | BF | .004 | .003 | .002 | .002 | .007 | .008 | .008 | .013 | .010 | .014 | .019 | .019 | .020 | .018 | .016 | .010 | .006 | .005 | .011 | .010 | 23 | .020 |
| NO.: | 31 | 31 | 31 | | 30 | 30 | 30 | 30 | 30 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .042 | .038 | .036 | | .029 | .029 | .019 | .033 | .039 | .046 | .058 | .059 | .059 | .059 | .057 | .055 | .054 | .056 | .053 | .053 | .050 | .048 | .041 | .038 | | |
| AVG: | .0108 | .0101 | .0088 | | .0060 | .0057 | .0062 | .0113 | .0190 | .0273 | .0346 | .0392 | .0408 | .0408 | .0398 | .0380 | .0373 | .0353 | .0319 | .0241 | .0203 | .0182 | .0154 | .0124 | | |

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .0233 MONTHLY MAX: .059

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-021-0030 POC: 1
 COUNTY: (021) Buncombe
 CITY: (05049) Bent Creek
 SITE ADDRESS: ROUTE 191 SOUTH BREVARD RD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.5001020027
 LONGITUDE: -82.599860310
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 675
 PROBE HEIGHT:

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .011 | .013 | .017 | BF | .017 | .019 | .022 | .023 | .029 | .031 | .029 | .030 | .030 | .033 | .034 | .036 | .036 | .036 | .037 | .036 | .035 | .034 | .034 | .035 | 23 | .037 | |
| 2 | .035 | .033 | .032 | BF | .023 | .022 | .022 | .022 | .025 | .023 | .029 | .038 | .032 | .033 | .035 | .037 | .038 | .029 | .026 | .027 | .029 | .029 | .028 | .020 | 23 | .038 | |
| 3 | .021 | .024 | .026 | BF | .009 | .010 | .012 | .022 | .030 | .032 | .035 | .038 | .040 | .039 | .040 | .040 | .040 | .035 | .023 | .019 | .015 | .011 | .009 | .007 | 23 | .040 | |
| 4 | .004 | .002 | .002 | BF | .001 | .001 | .000 | .004 | .009 | .017 | .031 | .041 | .039 | .035 | .036 | .036 | .037 | .038 | .034 | .019 | .017 | .014 | .009 | .006 | 23 | .041 | |
| 5 | .003 | .003 | .002 | BF | .001 | .000 | .000 | .002 | .011 | .030 | .038 | .051 | .048 | .041 | .040 | .048 | .047 | .040 | .031 | .028 | .027 | .033 | .027 | .024 | 23 | .051 | |
| 6 | .017 | .014 | .015 | BF | .026 | .025 | .029 | .030 | .029 | .028 | .025 | .024 | .026 | .031 | .035 | .037 | .038 | .036 | .035 | .022 | .022 | .029 | .020 | .014 | 23 | .038 | |
| 7 | .007 | .003 | .002 | BF | .001 | .000 | .000 | .004 | .007 | .025 | .031 | .036 | .039 | .041 | .039 | .038 | .037 | .035 | .031 | .029 | .019 | .016 | .012 | .010 | 23 | .041 | |
| 8 | .008 | .004 | .003 | BF | .001 | .000 | .000 | .002 | .005 | .014 | .032 | .041 | .046 | .050 | .054 | .047 | .040 | .034 | .030 | .020 | .013 | .011 | .007 | .007 | 23 | .054 | |
| 9 | .006 | .004 | .003 | BF | .001 | .001 | .001 | .003 | .007 | .019 | .035 | .042 | .043 | .044 | .044 | .042 | .042 | .038 | .034 | .023 | .024 | .021 | .019 | .019 | 23 | .044 | |
| 10 | .017 | .016 | .015 | BF | .014 | .015 | .019 | .018 | .029 | .033 | .034 | .035 | .035 | .035 | .034 | .032 | .029 | .023 | .015 | .014 | .014 | .023 | .025 | .024 | 23 | .035 | |
| 11 | .024 | .025 | .026 | BF | .028 | .028 | .027 | .020 | .018 | .018 | .016 | .023 | .025 | .028 | .024 | .027 | .027 | .027 | .024 | .025 | .024 | .024 | .027 | .027 | 23 | .028 | |
| 12 | .026 | .025 | .025 | BF | .024 | .023 | .023 | .021 | .021 | .022 | .021 | .027 | .026 | .026 | .027 | .027 | .027 | .025 | .024 | .024 | .022 | .022 | .021 | .019 | 23 | .027 | |
| 13 | .017 | .009 | .003 | BF | .004 | .008 | .012 | .015 | .023 | .037 | .045 | .043 | .043 | .043 | .044 | .045 | .045 | .046 | .042 | .040 | .043 | .044 | .029 | .023 | 23 | .046 | |
| 14 | .016 | .012 | .011 | BF | .007 | .005 | .006 | .009 | .012 | .032 | .037 | .039 | .039 | .040 | .037 | .031 | .027 | .024 | .021 | .012 | .007 | .004 | .003 | .002 | 23 | .040 | |
| 15 | .001 | .000 | .000 | BF | .000 | .000 | .001 | .003 | .004 | .008 | .020 | .031 | .034 | .033 | .037 | .033 | .031 | .019 | .014 | .009 | .007 | .004 | .002 | .001 | 23 | .037 | |
| 16 | .000 | .000 | .000 | BF | .000 | .001 | .002 | .003 | .003 | .006 | .021 | .033 | .045 | .042 | .041 | .040 | .038 | .032 | .022 | .014 | .011 | .009 | .006 | .004 | 23 | .045 | |
| 17 | .003 | .002 | .001 | BF | .001 | .001 | .001 | .002 | .007 | .016 | .030 | .042 | .046 | .047 | .045 | .041 | .041 | .037 | .023 | .018 | .012 | .009 | .006 | .004 | 23 | .047 | |
| 18 | .002 | .001 | .001 | BF | .000 | .000 | .000 | .003 | .005 | .012 | .030 | .045 | .045 | .043 | .043 | .043 | .046 | .038 | .028 | .019 | .013 | .010 | .006 | .006 | 23 | .046 | |
| 19 | .003 | .003 | .002 | BF | .001 | .001 | .000 | .002 | .014 | .020 | .039 | .045 | .047 | .052 | .048 | .044 | .043 | .029 | .021 | .016 | .013 | .012 | .010 | .007 | 23 | .052 | |
| 20 | .006 | .004 | .002 | BF | .000 | .000 | .000 | .001 | .006 | .027 | .039 | .047 | .046 | .045 | .045 | .043 | .045 | .040 | .027 | .020 | .014 | .009 | .005 | .004 | 23 | .047 | |
| 21 | .002 | .001 | .001 | BF | .000 | .000 | .000 | .001 | .008 | .018 | .038 | .046 | .047 | .045 | .046 | .047 | .046 | .037 | .027 | .018 | .016 | .010 | .007 | .004 | 23 | .047 | |
| 22 | .002 | .002 | .001 | BF | .000 | .000 | .000 | .000 | .003 | .014 | .041 | .054 | .058 | .061 | .062 | .057 | .054 | .043 | .026 | .017 | .013 | .010 | .005 | .002 | 23 | .062 | |
| 23 | .001 | .002 | .001 | BF | .001 | .002 | .001 | .005 | .008 | .012 | .036 | .053 | .055 | .051 | .044 | .049 | .047 | .038 | .027 | .022 | .017 | .026 | .024 | .014 | 23 | .055 | |
| 24 | .008 | .003 | .003 | BF | .002 | .003 | .005 | .008 | .012 | .015 | .027 | .047 | .050 | .049 | .041 | .035 | .034 | .031 | .020 | .016 | .012 | .009 | .006 | .003 | 23 | .050 | |
| 25 | .003 | .003 | .002 | BF | .000 | .000 | .000 | .000 | .006 | .017 | .039 | .051 | .057 | .055 | .054 | .055 | .056 | .038 | .026 | .021 | .016 | .010 | .007 | .005 | 23 | .057 | |
| 26 | .003 | .002 | .002 | BF | .001 | .000 | .000 | .001 | .004 | .021 | .039 | .045 | .045 | .046 | .046 | .049 | .051 | .052 | .039 | .030 | .022 | .017 | .012 | .007 | 23 | .052 | |
| 27 | .006 | .004 | .003 | BF | .002 | .001 | .001 | .004 | .014 | .034 | .044 | .049 | .049 | .048 | .047 | .048 | .052 | .052 | .047 | .049 | .046 | .045 | .043 | .043 | 23 | .052 | |
| 28 | .043 | .042 | .041 | BF | .030 | .009 | .006 | .025 | .038 | .051 | .056 | .061 | .059 | .057 | .056 | .055 | .056 | .056 | .056 | .050 | .041 | .042 | .038 | .031 | 23 | .061 | |
| 29 | .027 | .020 | .023 | BF | .009 | .006 | .003 | .012 | .032 | .036 | .045 | .048 | .050 | .051 | .051 | .046 | .047 | .051 | .051 | .040 | .037 | .045 | .044 | .043 | 23 | .051 | |
| 30 | .042 | .039 | .036 | BF | .020 | .014 | .011 | .012 | .021 | .044 | .046 | .046 | .046 | .046 | .047 | .048 | .048 | .046 | .043 | .033 | .029 | .026 | .023 | .020 | 23 | .048 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .043 | .042 | .041 | | .030 | .028 | .029 | .030 | .038 | .051 | .056 | .061 | .059 | .061 | .062 | .057 | .056 | .056 | .056 | .050 | .046 | .045 | .044 | .043 | | | |
| AVG: | .0121 | .0105 | .0100 | | .0075 | .0065 | .0068 | .0092 | .0147 | .0237 | .0343 | .0417 | .0430 | .0430 | .0425 | .0419 | .0415 | .0368 | .0301 | .0243 | .0210 | .0203 | .0171 | .0145 | | | |

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .0240 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-021-0030 POC: 1
 COUNTY: (021) Buncombe
 CITY: (05049) Bent Creek
 SITE ADDRESS: ROUTE 191 SOUTH BREVARD RD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.5001020027
 LONGITUDE: -82.599860310
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 675
 PROBE HEIGHT:

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .022 | .017 | .021 | BF | .029 | .027 | .026 | .026 | .029 | .031 | .033 | .036 | .037 | .036 | .036 | .036 | .036 | .034 | .026 | .021 | .020 | .021 | .016 | .013 | 23 | .037 |
| 2 | .012 | .008 | .007 | BF | .006 | .005 | .003 | .004 | AI | .034 | .037 | .042 | .045 | .048 | .048 | .048 | .045 | .042 | .037 | .028 | .025 | .020 | .014 | .010 | 22 | .048 |
| 3 | .009 | .007 | .007 | BF | .004 | .004 | .002 | .002 | .008 | .031 | .040 | .043 | .044 | .048 | .049 | .048 | .046 | .043 | .034 | .027 | .022 | .016 | .012 | .009 | 23 | .049 |
| 4 | .008 | .008 | .008 | BF | .004 | .005 | .003 | .003 | .016 | .017 | .042 | .049 | .050 | .051 | .052 | .054 | .051 | .038 | .030 | .024 | .021 | .018 | .018 | .015 | 23 | .054 |
| 5 | .012 | .008 | .006 | BF | .003 | .002 | .001 | .004 | .005 | .009 | .017 | .034 | .047 | .055 | .057 | .056 | .048 | .041 | .034 | .032 | .025 | .023 | .020 | .016 | 23 | .057 |
| 6 | .013 | .012 | .010 | BF | .005 | .004 | .003 | .004 | .014 | .028 | .036 | .044 | .046 | .050 | .053 | .049 | .045 | .041 | .039 | .030 | .030 | .024 | .019 | .015 | 23 | .053 |
| 7 | .013 | .012 | .011 | BF | .011 | .012 | .012 | .020 | .020 | .023 | .027 | .029 | .029 | .029 | .028 | .029 | .027 | .026 | .026 | .027 | .026 | .025 | .024 | .022 | 23 | .029 |
| 8 | .020 | .019 | .017 | BF | .014 | .012 | .012 | .012 | .011 | .014 | .013 | .012 | .013 | .016 | .017 | .017 | .018 | .027 | .025 | .023 | .025 | .023 | .020 | .020 | 23 | .027 |
| 9 | .020 | .018 | .017 | BF | .006 | .001 | .000 | .001 | .004 | .010 | .016 | .020 | .026 | .027 | .025 | .023 | .016 | .008 | .005 | .002 | .001 | .000 | .000 | .000 | 23 | .027 |
| 10 | .000 | .008 | .014 | BF | .008 | .005 | .004 | .003 | .008 | .012 | .018 | .020 | .015 | .015 | .013 | .014 | .016 | .010 | .004 | .003 | .001 | .000 | .000 | .000 | 23 | .020 |
| 11 | .000 | .000 | .000 | BF | .002 | .001 | .000 | .001 | .008 | .011 | .015 | .026 | .033 | .031 | .031 | .030 | .027 | .015 | .007 | .005 | .004 | .002 | .001 | .000 | 23 | .033 |
| 12 | .000 | .000 | .000 | BF | .004 | .010 | .012 | .016 | .022 | .028 | .029 | .043 | .047 | .051 | .054 | .051 | .045 | .044 | .030 | .022 | .017 | .013 | .020 | .027 | 23 | .054 |
| 13 | .027 | .025 | .024 | BF | .021 | .019 | .015 | .011 | .010 | .014 | .016 | .019 | .020 | .024 | .027 | .027 | .024 | .021 | .020 | .021 | .020 | .018 | .017 | .016 | 23 | .027 |
| 14 | .014 | .013 | .013 | BF | .008 | .010 | .013 | .016 | .019 | .022 | .027 | .035 | .041 | .044 | .044 | .041 | .034 | .031 | .030 | .025 | .014 | .011 | .009 | .006 | 23 | .044 |
| 15 | .005 | .003 | .004 | BF | .014 | .013 | .011 | .011 | .016 | .019 | .024 | .032 | .033 | .031 | .031 | .029 | .029 | .023 | .016 | .012 | .011 | .007 | .006 | .008 | 23 | .033 |
| 16 | .015 | .026 | .030 | BF | .024 | .020 | .015 | .014 | .017 | .019 | .019 | .022 | .025 | .029 | .031 | .032 | .034 | .033 | .033 | .033 | .031 | .033 | .032 | .030 | 23 | .034 |
| 17 | .029 | .017 | .011 | BF | .003 | .003 | .001 | .001 | .003 | .010 | .027 | .033 | .035 | .040 | .042 | .041 | .038 | .029 | .022 | .021 | .016 | .011 | .009 | .005 | 23 | .042 |
| 18 | .005 | .005 | .003 | BF | .001 | .001 | .001 | .002 | .008 | .017 | .020 | .037 | .040 | .044 | .047 | .048 | .046 | .035 | .029 | .031 | .025 | .023 | .020 | .016 | 23 | .048 |
| 19 | .013 | .009 | .007 | BF | .004 | .002 | .001 | .002 | .004 | .010 | .022 | .033 | .039 | .046 | .049 | .049 | .043 | .030 | .028 | .024 | .025 | .019 | .012 | .008 | 23 | .049 |
| 20 | .005 | .004 | .003 | BF | .001 | .001 | .000 | .002 | .008 | .012 | .021 | .031 | .041 | .050 | .050 | .047 | .041 | .029 | .026 | .028 | .024 | .017 | .016 | .012 | 23 | .050 |
| 21 | .010 | .008 | .008 | BF | .005 | .004 | .002 | .002 | .007 | .018 | .029 | .051 | .052 | .056 | .055 | .054 | .054 | .038 | .036 | .032 | .030 | .025 | .020 | .023 | 23 | .056 |
| 22 | .015 | .012 | .009 | BF | .005 | .004 | .006 | .004 | .012 | .029 | .040 | .040 | .041 | .041 | .041 | .041 | .040 | .038 | .037 | .036 | .037 | .038 | .036 | .034 | 23 | .041 |
| 23 | .032 | .032 | .032 | BF | .030 | .026 | .025 | .024 | AV | .022 | .021 | .020 | .025 | .025 | .022 | .030 | .034 | .020 | .027 | .033 | .033 | .027 | .016 | .019 | 22 | .034 |
| 24 | .013 | .024 | .027 | BF | .014 | .008 | .007 | .006 | .011 | .020 | .034 | .039 | .036 | .037 | .040 | .043 | .040 | .035 | .034 | .034 | .037 | .037 | .031 | .031 | 23 | .043 |
| 25 | .027 | .023 | .011 | BF | .006 | .006 | .007 | .011 | .023 | .026 | .029 | .030 | .030 | .032 | .034 | .033 | .031 | .028 | .023 | .017 | .014 | .012 | .024 | .034 | 23 | .034 |
| 26 | .034 | .025 | .024 | BF | .019 | .013 | .009 | .009 | .013 | .024 | .030 | AZ | .037 | .038 | .040 | .042 | .042 | .029 | .022 | .018 | .017 | .013 | .011 | .009 | 22 | .042 |
| 27 | .006 | .004 | .004 | BF | .002 | .001 | .000 | .001 | .006 | .016 | .020 | .024 | .041 | .043 | .042 | .043 | .047 | .049 | .051 | .042 | .034 | .029 | .029 | .030 | 23 | .051 |
| 28 | .042 | .041 | .039 | BF | .043 | .043 | .044 | .041 | .039 | .039 | .034 | .035 | .037 | .038 | .038 | .035 | .028 | .026 | .024 | .028 | .025 | .015 | .014 | .015 | 23 | .044 |
| 29 | .016 | .015 | .014 | BF | .013 | .014 | .014 | .016 | .016 | .016 | .016 | .016 | .016 | .018 | .020 | .024 | .024 | .025 | .024 | .025 | .025 | .024 | .025 | .023 | 23 | .025 |
| 30 | .023 | .025 | .025 | BF | .028 | .030 | .029 | .028 | .029 | .031 | .033 | .034 | .037 | .038 | .039 | .040 | .035 | .023 | .020 | .015 | .012 | .012 | .011 | .008 | 23 | .040 |
| 31 | .006 | .006 | .005 | BF | .003 | .001 | .000 | .003 | .018 | .029 | .032 | .035 | .041 | .046 | .048 | .049 | .046 | .034 | .026 | .020 | .017 | .016 | .013 | .012 | 23 | .049 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 29 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .042 | .041 | .039 | | .043 | .043 | .044 | .041 | .039 | .039 | .042 | .051 | .052 | .056 | .057 | .056 | .054 | .054 | .051 | .042 | .037 | .038 | .036 | .034 | | |
| AVG: | .0150 | .0140 | .0133 | | .0110 | .0099 | .0090 | .0097 | .0139 | .0207 | .0264 | .0321 | .0355 | .0380 | .0388 | .0388 | .0365 | .0310 | .0267 | .0240 | .0215 | .0186 | .0156 | | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0225 MONTHLY MAX: .057

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-021-0030 POC: 1
 COUNTY: (021) Buncombe
 CITY: (05049) Bent Creek
 SITE ADDRESS: ROUTE 191 SOUTH BREVARD RD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.5001020027
 LONGITUDE: -82.599860310
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 675
 PROBE HEIGHT:

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .008 | .007 | .004 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .008 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .008 | .007 | .004 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0080 | .0070 | .0040 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0063 MONTHLY MAX: .008

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .016 | .007 | .006 | BF | .003 | .012 | .007 | .002 | .006 | .021 | .029 | .031 | .030 | .031 | .033 | .031 | .030 | .026 | .036 | .030 | .020 | .038 | .037 | .040 | 23 | .040 |
| 2 | .044 | .044 | .042 | BF | .040 | .040 | .041 | .039 | .039 | .040 | .042 | .043 | .044 | .045 | .045 | .046 | .046 | .046 | .043 | .041 | .042 | .040 | .041 | .042 | 23 | .046 |
| 3 | .043 | .039 | .032 | BF | .015 | .012 | .032 | .038 | .039 | .042 | .043 | .044 | .046 | .046 | .046 | .046 | .046 | .045 | .044 | .043 | .036 | .021 | .012 | .015 | 23 | .046 |
| 4 | .015 | .017 | .019 | BF | .022 | .022 | .018 | .011 | .021 | .032 | .039 | .041 | .045 | .047 | .048 | .048 | .048 | .047 | .042 | .033 | .031 | .031 | .026 | .025 | 23 | .048 |
| 5 | .022 | .024 | .022 | BF | .035 | .034 | .031 | .029 | .036 | .036 | .040 | .041 | .044 | .048 | .052 | .052 | .051 | .050 | .043 | .036 | .031 | .028 | .029 | .027 | 23 | .052 |
| 6 | .028 | .027 | .024 | BF | .022 | .019 | .008 | .007 | .013 | .023 | BA | BA | BA | BA | .051 | .054 | .054 | .051 | .047 | .045 | .044 | .041 | .039 | .036 | 19 | .054 |
| 7 | .024 | .017 | .026 | BF | .046 | .047 | .047 | .046 | .045 | .045 | .045 | .045 | .045 | .045 | .047 | .046 | .039 | .031 | .027 | .031 | .027 | .040 | .039 | .042 | 23 | .047 |
| 8 | .039 | .037 | .036 | BF | .046 | .045 | .044 | .038 | .042 | .044 | .046 | .049 | .052 | .052 | .052 | .053 | .052 | .051 | .049 | .040 | .042 | .034 | .030 | .025 | 23 | .053 |
| 9 | .027 | .027 | .025 | BF | .024 | .019 | .014 | .005 | .009 | .027 | .039 | .049 | .051 | .054 | .054 | .056 | .057 | .057 | .051 | .042 | .037 | .033 | .028 | .029 | 23 | .057 |
| 10 | .027 | .022 | .021 | BF | .030 | .030 | .016 | .009 | .012 | .034 | .046 | .043 | .044 | .046 | .047 | .049 | .049 | .048 | .047 | .045 | .043 | .045 | .040 | .035 | 23 | .049 |
| 11 | .025 | .026 | .024 | BF | .040 | .040 | .038 | .040 | .040 | .040 | .041 | .043 | .047 | .048 | .048 | .049 | .049 | .048 | .045 | .042 | .040 | .039 | .039 | .039 | 23 | .049 |
| 12 | .041 | .044 | .043 | BF | .038 | .039 | .040 | .039 | .038 | .040 | .041 | .042 | .043 | .044 | .045 | .045 | .045 | .044 | .040 | .037 | .036 | .027 | .020 | .021 | 23 | .045 |
| 13 | .020 | .018 | .014 | BF | .011 | .008 | .006 | .014 | .025 | .036 | .042 | .045 | .045 | .045 | .044 | .043 | .039 | .041 | .041 | .040 | .039 | .040 | .040 | .038 | 23 | .045 |
| 14 | .037 | .034 | .034 | BF | .028 | .025 | .019 | .016 | .027 | .037 | .036 | .035 | .034 | .034 | .036 | .037 | .038 | .039 | .040 | .041 | .042 | .042 | .042 | .043 | 23 | .043 |
| 15 | .042 | .042 | .042 | BK | .043 | .042 | .041 | .042 | .040 | .042 | .044 | .044 | .045 | .045 | .046 | .045 | .045 | .044 | .043 | .041 | .040 | .041 | .041 | .042 | 23 | .046 |
| 16 | .042 | .041 | .038 | BF | .022 | .012 | .005 | .012 | .025 | .042 | .045 | .047 | .049 | .049 | .050 | .050 | .052 | .052 | .051 | .043 | .037 | .033 | .025 | .031 | 23 | .052 |
| 17 | .032 | .025 | .026 | BF | .020 | .017 | .006 | .008 | .010 | .019 | .040 | .044 | .045 | .049 | .052 | .052 | .052 | .040 | .041 | .035 | .036 | .033 | .029 | .031 | 23 | .052 |
| 18 | .033 | .029 | .026 | BF | .021 | .018 | .017 | .013 | .022 | .033 | .034 | .039 | .045 | .048 | .047 | .049 | .050 | .052 | .053 | .052 | .049 | .040 | .038 | .039 | 23 | .053 |
| 19 | .039 | .037 | .033 | BF | .032 | .034 | .035 | .033 | .032 | .031 | .033 | .033 | .035 | .037 | .038 | .039 | .040 | .041 | .039 | .034 | .030 | .026 | .025 | .019 | 23 | .041 |
| 20 | .017 | .017 | .015 | BF | .013 | .005 | .007 | .003 | .014 | .028 | .034 | .036 | .040 | .043 | .047 | .048 | .048 | .049 | .046 | .041 | .036 | .028 | .026 | .027 | 23 | .049 |
| 21 | .024 | .016 | .018 | BF | .016 | .010 | .003 | .003 | .016 | .027 | .032 | .048 | .051 | .052 | .048 | .051 | .052 | .051 | .049 | .045 | .036 | .033 | .035 | .043 | 23 | .052 |
| 22 | .040 | .037 | .033 | BF | .044 | .041 | .043 | .045 | .044 | .045 | .046 | .050 | .051 | .051 | .052 | .052 | .055 | .056 | .054 | .049 | .043 | .048 | .046 | .045 | 23 | .056 |
| 23 | .043 | .036 | .030 | BF | .025 | .023 | .010 | .031 | .037 | .041 | .044 | .048 | .049 | .050 | .050 | .052 | .052 | .052 | .050 | .046 | .038 | .032 | .032 | .031 | 23 | .052 |
| 24 | .033 | .022 | .018 | BF | .018 | .010 | .006 | .011 | .028 | .040 | .043 | .050 | .052 | .053 | .054 | .051 | .050 | .051 | .051 | .048 | .038 | .034 | .023 | .028 | 23 | .054 |
| 25 | .025 | .021 | .021 | BF | .023 | .024 | .012 | .011 | .033 | .044 | .048 | .049 | .048 | .048 | .049 | .052 | .051 | .050 | .050 | .045 | .042 | .037 | .030 | .029 | 23 | .052 |
| 26 | .031 | .039 | .033 | BF | .021 | .020 | .027 | .032 | .037 | .032 | .031 | .030 | .033 | .034 | .037 | .039 | .040 | .040 | .037 | .034 | .034 | .024 | .017 | .018 | 23 | .040 |
| 27 | .015 | .021 | .025 | BF | .016 | .011 | .002 | .014 | .018 | .025 | .034 | .038 | .041 | .041 | .041 | .046 | .047 | .043 | .036 | .031 | .033 | .022 | .014 | .012 | 23 | .047 |
| 28 | .010 | .017 | .017 | BF | .015 | .008 | .005 | .013 | .023 | .035 | .040 | .047 | .051 | .054 | .054 | .053 | .054 | .053 | .051 | .050 | .050 | .049 | .049 | .048 | 23 | .054 |
| 29 | .042 | .037 | .027 | BF | .016 | .007 | .004 | .006 | .028 | .044 | .048 | .053 | .054 | .056 | .058 | .057 | .058 | .056 | .057 | .052 | .046 | .044 | .044 | .034 | 23 | .058 |
| 30 | .046 | .044 | .040 | BF | .044 | .041 | .040 | .032 | .035 | .035 | .033 | .033 | .032 | .031 | .031 | .031 | .033 | .033 | .032 | .033 | .034 | .035 | .033 | .033 | 23 | .046 |
| 31 | .032 | .031 | .031 | BF | .037 | .045 | .038 | .034 | .042 | .047 | .047 | .046 | .046 | .045 | .045 | .044 | .039 | .039 | .039 | .036 | .034 | .034 | .033 | .034 | 23 | .047 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | 31 |
| MAX: | .046 | .044 | .043 | | .046 | .047 | .047 | .046 | .045 | .047 | .048 | .053 | .054 | .056 | .058 | .057 | .058 | .057 | .057 | .052 | .050 | .049 | .049 | .048 | | .048 |
| AVG: | .0308 | .0289 | .0271 | | .0266 | .0245 | .0214 | .0218 | .0283 | .0357 | .0402 | .0429 | .0446 | .0457 | .0467 | .0473 | .0471 | .0460 | .0443 | .0407 | .0376 | .0352 | .0323 | .0323 | | .0323 |

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .0360 MONTHLY MAX: .058

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .031 | .025 | .026 | BF | .035 | .033 | .031 | .031 | .038 | .041 | .041 | .042 | .043 | .044 | .044 | .045 | .045 | .044 | .044 | .042 | .040 | .035 | .027 | .025 | 23 | .045 | |
| 2 | .027 | .019 | .013 | BF | .013 | .007 | .005 | .013 | .028 | .033 | .037 | .039 | .040 | .041 | .044 | .046 | .051 | .050 | .048 | .041 | .040 | .030 | .027 | .023 | 23 | .051 | |
| 3 | .024 | .019 | .020 | BF | .015 | .019 | .012 | .020 | AI | BA | AY | BA | AI | .026 | .028 | .028 | .027 | .030 | .028 | .023 | .024 | .022 | .019 | .030 | 18 | .030 | |
| 4 | .031 | .031 | .026 | BF | .017 | .011 | .012 | .025 | .035 | .046 | .051 | .054 | .054 | .054 | .055 | .055 | .056 | .055 | .055 | .043 | .025 | .031 | .023 | .024 | 23 | .056 | |
| 5 | .022 | .021 | .019 | BF | .014 | .008 | .007 | .006 | .012 | .024 | .016 | .016 | .023 | .023 | .031 | .033 | .041 | .043 | .037 | .030 | .024 | .024 | .028 | .039 | 23 | .043 | |
| 6 | .044 | .041 | .037 | BF | .029 | .021 | .023 | .033 | .038 | .039 | .039 | .038 | .037 | .037 | .038 | .038 | .041 | .040 | .043 | .042 | .046 | .046 | .045 | .046 | 23 | .046 | |
| 7 | .044 | .042 | .043 | BF | .043 | .043 | .044 | .044 | .044 | .045 | .048 | .048 | .047 | .048 | .048 | .049 | .050 | .050 | .051 | .050 | .049 | .050 | .049 | .051 | 23 | .051 | |
| 8 | .051 | .051 | .049 | BF | .040 | .032 | .026 | .019 | .026 | .042 | .049 | .052 | .057 | .059 | .059 | .060 | .060 | .062 | .059 | .057 | .048 | .036 | .034 | .035 | 23 | .062 | |
| 9 | .032 | .026 | .030 | BF | .025 | .016 | .015 | .024 | .033 | .045 | .056 | .061 | .062 | .063 | .064 | .063 | .064 | .065 | .061 | .057 | .046 | .042 | .039 | .035 | 23 | .065 | |
| 10 | .023 | .024 | .028 | BF | .019 | .019 | .013 | .023 | .040 | .047 | .050 | .055 | .060 | .061 | .061 | .064 | .064 | .062 | .059 | .051 | .045 | .037 | .030 | .024 | 23 | .064 | |
| 11 | .029 | .025 | .023 | BF | .014 | .006 | .006 | .015 | .036 | .045 | .050 | .060 | .062 | .062 | .065 | .064 | .067 | .067 | .063 | .056 | .048 | .037 | .031 | .022 | 23 | .067 | |
| 12 | .026 | .031 | .028 | BF | .031 | .029 | .011 | .012 | .028 | .041 | .050 | .054 | .057 | .058 | .058 | .060 | .060 | .059 | .056 | .046 | .040 | .032 | .030 | .033 | 23 | .060 | |
| 13 | .029 | .028 | .030 | BF | .021 | .014 | .014 | .012 | .038 | .055 | .057 | .059 | .061 | .063 | .065 | .066 | .067 | .065 | .063 | .056 | .046 | .044 | .040 | .040 | 23 | .067 | |
| 14 | .041 | .036 | .035 | BF | .030 | .027 | .029 | .034 | .036 | .040 | .042 | .045 | .052 | .056 | .061 | .065 | .063 | .061 | .062 | .063 | .054 | .044 | .035 | .033 | 23 | .065 | |
| 15 | .029 | .024 | .024 | BF | .020 | .016 | .013 | .022 | .038 | .044 | .048 | .053 | .057 | .057 | .060 | .062 | .063 | .062 | .059 | .056 | .052 | .040 | .033 | .035 | 23 | .063 | |
| 16 | .029 | .025 | .022 | BF | .026 | .021 | .020 | .026 | .041 | .046 | .050 | .052 | .053 | .054 | .053 | .054 | .053 | .051 | .049 | .042 | .036 | .032 | .028 | .028 | 23 | .054 | |
| 17 | .024 | .021 | .018 | BF | .010 | .007 | .006 | .013 | .028 | .037 | .047 | .049 | .049 | .045 | .045 | .045 | .045 | .045 | .038 | .038 | .031 | .025 | .023 | .019 | 23 | .049 | |
| 18 | .014 | .012 | .022 | BF | .035 | .033 | .026 | .033 | .039 | .041 | .044 | .047 | .048 | .050 | .050 | .049 | .050 | .046 | .047 | .042 | .038 | .035 | .038 | .035 | 23 | .050 | |
| 19 | .034 | .033 | .031 | BF | .023 | .027 | .026 | .023 | .036 | .036 | .037 | .034 | .035 | .037 | .039 | .039 | .038 | .031 | .028 | .026 | .025 | .023 | .021 | 23 | .039 | | |
| 20 | .019 | .026 | .026 | BF | .022 | .021 | .020 | .019 | .022 | .025 | .035 | .040 | .043 | .046 | .047 | .046 | .046 | .048 | .044 | .037 | .024 | .017 | .015 | .013 | 23 | .048 | |
| 21 | .007 | .006 | .005 | BF | .003 | .003 | .003 | .005 | .017 | .033 | .043 | .041 | .043 | .042 | .046 | .045 | .042 | .041 | .039 | .034 | .028 | .028 | .027 | .031 | 23 | .046 | |
| 22 | .030 | .039 | .032 | BF | .025 | .026 | .028 | .028 | .031 | .033 | .039 | .039 | .040 | .043 | .039 | .043 | .049 | .047 | .038 | .035 | .035 | .049 | .044 | .041 | 23 | .049 | |
| 23 | .036 | .030 | .028 | BF | .036 | .037 | .036 | .034 | .033 | .036 | .033 | .031 | .029 | .028 | .028 | .027 | .025 | .024 | .026 | .028 | .029 | .029 | .032 | 23 | .037 | | |
| 24 | .033 | .032 | .032 | BF | .031 | .032 | .031 | .030 | .028 | .029 | .029 | .029 | .031 | .032 | .032 | .031 | .028 | .029 | .031 | .030 | .030 | .033 | .033 | 23 | .033 | | |
| 25 | .033 | .032 | .035 | BF | .031 | .028 | .028 | .027 | .031 | .033 | .038 | .038 | .033 | .037 | .037 | .036 | .035 | .036 | .029 | .021 | .011 | .006 | .011 | .012 | 23 | .038 | |
| 26 | .006 | .007 | .008 | BF | .005 | .004 | .005 | .014 | .020 | .030 | .039 | .043 | .047 | .049 | .047 | .047 | .047 | .047 | .047 | .042 | .028 | .021 | .015 | .012 | 23 | .049 | |
| 27 | .011 | .009 | .008 | BF | .010 | .008 | .005 | .013 | .031 | .037 | .044 | .050 | .042 | .043 | .043 | .035 | .036 | .032 | .029 | .024 | .022 | .020 | .013 | .015 | 23 | .050 | |
| 28 | .016 | .011 | .008 | BF | .006 | .008 | .010 | .015 | .020 | .027 | .037 | .038 | .037 | .037 | .042 | .052 | .054 | .049 | .043 | .032 | .013 | .016 | .010 | .010 | 23 | .054 | |
| 29 | .004 | .005 | .005 | BF | .003 | .003 | .003 | .008 | .024 | .034 | .037 | .037 | .038 | .040 | .042 | .043 | .040 | .039 | .038 | .037 | .035 | .029 | .018 | .013 | 23 | .043 | |
| 30 | .011 | .015 | .015 | BF | .015 | .017 | .020 | .022 | .024 | .029 | .029 | .030 | .032 | .033 | .034 | .035 | .035 | .034 | .032 | .027 | .023 | .026 | .028 | .025 | 23 | .035 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .051 | .051 | .049 | | .043 | .043 | .044 | .044 | .044 | .055 | .057 | .061 | .062 | .063 | .065 | .066 | .067 | .067 | .063 | .063 | .054 | .050 | .049 | .051 | | | |
| AVG: | .0263 | .0249 | .0242 | | .0216 | .0192 | .0176 | .0214 | .0309 | .0377 | .0420 | .0441 | .0453 | .0456 | .0468 | .0475 | .0482 | .0475 | .0449 | .0405 | .0347 | .0314 | .0283 | .0278 | | | |

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: .0347 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .023 | .024 | .024 | BF | .023 | .021 | .017 | .019 | BA | .021 | .022 | .026 | .028 | .028 | .027 | .032 | .039 | .047 | .050 | .050 | .046 | .030 | .020 | .014 | 22 | .050 |
| 2 | .011 | .020 | .055 | BF | .046 | .045 | .047 | .050 | .050 | .052 | .053 | .055 | .055 | .053 | .052 | .052 | .057 | .056 | .057 | .051 | .039 | .034 | .027 | .025 | 23 | .057 |
| 3 | .023 | .020 | .017 | BF | .012 | .006 | .006 | .011 | .028 | .049 | .051 | .053 | .055 | .055 | .054 | .056 | .052 | .051 | .044 | .038 | .034 | .031 | .040 | 23 | .056 | |
| 4 | .040 | .047 | .046 | BF | .038 | .039 | .038 | .038 | .039 | .040 | .040 | .044 | .052 | .058 | .057 | .051 | .044 | .041 | .041 | .040 | .042 | .041 | .040 | .038 | 23 | .058 |
| 5 | .038 | .033 | .039 | BF | .044 | .034 | .023 | .039 | .044 | .043 | .043 | .043 | .039 | .040 | .039 | .039 | .038 | .038 | .033 | .028 | .027 | .026 | .024 | .022 | 23 | .044 |
| 6 | .019 | .022 | .021 | BF | .026 | .019 | .031 | .045 | .046 | .046 | .047 | .049 | .050 | .051 | .049 | .046 | .047 | .047 | .047 | .046 | .043 | .042 | .039 | .031 | 23 | .051 |
| 7 | .035 | .021 | .018 | BF | .012 | .010 | .013 | .025 | .040 | .051 | .050 | .049 | .050 | .053 | .055 | .053 | .051 | .050 | .050 | .048 | .047 | .042 | .041 | .037 | 23 | .055 |
| 8 | .035 | .032 | .038 | BF | .034 | .043 | .043 | .048 | .053 | .056 | .059 | .065 | .066 | .067 | .066 | .068 | .067 | .064 | .061 | .048 | .041 | .028 | .027 | .032 | 23 | .068 |
| 9 | .030 | .027 | .033 | BF | .033 | .031 | .025 | .025 | .029 | .027 | .036 | .036 | .044 | .047 | .051 | .054 | .057 | .053 | .048 | .033 | .029 | .018 | .014 | .009 | 23 | .057 |
| 10 | .006 | .008 | .009 | BF | .006 | .004 | .005 | .006 | .025 | .055 | .062 | .062 | .063 | .065 | .066 | .067 | .066 | .067 | .063 | .049 | .044 | .028 | .032 | .029 | 23 | .067 |
| 11 | .025 | .022 | .022 | BF | .021 | .014 | .013 | .017 | .030 | .043 | .048 | .052 | .051 | .051 | .054 | .058 | .055 | .054 | .054 | .044 | .037 | .023 | .049 | .057 | 23 | .058 |
| 12 | .049 | .037 | .037 | BF | .032 | .030 | .022 | .024 | .026 | .026 | .028 | .027 | .027 | .028 | .028 | .024 | .022 | .022 | .021 | .022 | .021 | .019 | .020 | .020 | 23 | .049 |
| 13 | .018 | .018 | .019 | BF | .018 | .018 | .017 | .018 | .018 | .018 | .018 | .024 | .032 | .032 | .040 | .048 | .051 | .050 | .053 | .051 | .041 | .035 | .037 | .033 | 23 | .053 |
| 14 | .024 | .018 | .013 | BF | .010 | .007 | .009 | .014 | .028 | .038 | .043 | .054 | .057 | .062 | .062 | .061 | .060 | .059 | .057 | .051 | .033 | .028 | .029 | .024 | 23 | .062 |
| 15 | .024 | .023 | .017 | BF | .016 | .009 | .008 | .019 | .037 | .050 | .057 | .059 | .058 | .059 | .059 | .063 | .063 | .063 | .063 | .061 | .054 | .036 | .037 | .029 | 23 | .063 |
| 16 | .029 | .023 | .018 | BF | .018 | .013 | .009 | .032 | .042 | .054 | .062 | .067 | .065 | .067 | .068 | .069 | .065 | .069 | .070 | .052 | .042 | .035 | .027 | .028 | 23 | .070 |
| 17 | .026 | .019 | .019 | BF | .007 | .007 | .011 | .021 | .045 | .050 | .054 | .057 | .057 | .059 | .063 | .068 | .065 | .057 | .052 | .044 | .033 | .028 | .026 | .021 | 23 | .068 |
| 18 | .021 | .017 | .018 | BF | .013 | .007 | .006 | .024 | .035 | .039 | .042 | .046 | .046 | .043 | .043 | .044 | .046 | .047 | .045 | .036 | .028 | .023 | .018 | .016 | 23 | .047 |
| 19 | .017 | .012 | .008 | BF | .006 | .011 | .018 | .025 | .034 | .041 | .045 | .049 | .047 | .045 | .034 | .033 | .033 | .023 | .019 | .012 | .011 | .008 | .006 | .006 | 23 | .049 |
| 20 | .005 | .005 | .005 | BF | .013 | .005 | .007 | .015 | .028 | .040 | .046 | .043 | .045 | .046 | .048 | .049 | .057 | .057 | .051 | .040 | .028 | .024 | .022 | .022 | 23 | .057 |
| 21 | .019 | .025 | .031 | BF | .028 | .025 | .024 | .025 | .028 | .032 | .021 | .019 | .019 | .019 | .017 | .016 | .017 | .016 | .017 | .018 | .018 | .018 | .018 | .019 | 23 | .032 |
| 22 | .020 | .017 | .016 | BF | .009 | .009 | .011 | .015 | .018 | .018 | .026 | .034 | .041 | .042 | .041 | .038 | .035 | .035 | .033 | .021 | .016 | .020 | .029 | .032 | 23 | .042 |
| 23 | .029 | .032 | .033 | BF | .025 | .025 | .024 | .035 | .035 | .032 | .030 | .030 | .031 | .032 | .033 | .036 | .033 | .030 | .026 | .023 | .023 | .023 | .023 | .022 | 23 | .036 |
| 24 | .026 | .027 | .028 | BF | .026 | .024 | .022 | .019 | .018 | .017 | .017 | .024 | .031 | .033 | .029 | .033 | .037 | .040 | .047 | .046 | .041 | .040 | .035 | .032 | 23 | .047 |
| 25 | .030 | .029 | .027 | BF | .019 | .013 | .032 | .043 | .049 | .051 | .050 | .049 | .048 | .049 | .048 | .047 | .046 | .045 | .044 | .044 | .043 | .045 | .049 | .050 | 23 | .051 |
| 26 | .050 | .047 | .043 | BF | .021 | .018 | .015 | .041 | .052 | .054 | .056 | .056 | .056 | .056 | .057 | .060 | .060 | .060 | .055 | .040 | .031 | .026 | .026 | .021 | 23 | .060 |
| 27 | .019 | .018 | .015 | BF | .009 | .007 | .010 | .019 | .027 | .045 | .051 | .056 | .054 | .052 | .051 | .050 | .050 | .048 | .043 | .034 | .025 | .026 | .031 | .033 | 23 | .056 |
| 28 | .050 | .044 | .040 | BF | .031 | .029 | .029 | .031 | .037 | .043 | .049 | .050 | .050 | .050 | .047 | .047 | .046 | .046 | .041 | .044 | .040 | .030 | .024 | .016 | 23 | .050 |
| 29 | .015 | .011 | .009 | BF | .007 | .008 | .012 | .028 | .041 | .051 | .049 | .053 | .053 | .052 | .050 | .042 | .046 | .045 | .043 | .040 | .033 | .024 | .024 | .020 | 23 | .053 |
| 30 | .015 | .013 | .011 | BF | .006 | .003 | .008 | .010 | AI | .027 | .034 | .041 | .043 | .045 | .047 | .048 | .049 | .045 | .043 | .040 | .034 | .030 | .027 | .023 | 22 | .049 |
| 31 | .025 | .021 | .016 | BF | .011 | .010 | .008 | .020 | .034 | .046 | .051 | .051 | .050 | .049 | .050 | .051 | .050 | .048 | .047 | .042 | .037 | .025 | .021 | .020 | 23 | .051 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | |
| MAX: | .050 | .047 | .055 | | .046 | .045 | .047 | .050 | .053 | .056 | .062 | .067 | .066 | .067 | .068 | .069 | .067 | .069 | .070 | .061 | .054 | .045 | .049 | .057 | | |
| AVG: | .0257 | .0236 | .0240 | | .0200 | .0175 | .0182 | .0258 | .0350 | .0405 | .0432 | .0459 | .0472 | .0480 | .0479 | .0484 | .0487 | .0475 | .0460 | .0401 | .0344 | .0287 | .0282 | .0265 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0353 MONTHLY MAX: .070

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .020 | .021 | .017 | BF | .009 | .008 | .012 | .021 | .032 | .042 | .053 | .057 | .057 | .057 | .058 | .060 | .054 | .046 | .039 | .031 | .027 | .026 | .024 | 23 | .060 | | |
| 2 | .023 | .023 | .026 | BF | .020 | .018 | .021 | .032 | .042 | .052 | .055 | .058 | .058 | .057 | .057 | .061 | .062 | .063 | .061 | .052 | .044 | .037 | .035 | .025 | 23 | .063 | |
| 3 | .027 | .030 | .026 | BF | .023 | .020 | .023 | .032 | .042 | .058 | .060 | .062 | .062 | .060 | .060 | .061 | .061 | .062 | .061 | .048 | .040 | .038 | .035 | .035 | 23 | .062 | |
| 4 | .037 | .034 | .034 | BF | .031 | .026 | .031 | .035 | .050 | .055 | .061 | .059 | .057 | .051 | .043 | .039 | .037 | .037 | .036 | .033 | .025 | .018 | .014 | .012 | 23 | .061 | |
| 5 | .012 | .022 | .012 | BF | .014 | .021 | .023 | .026 | .026 | .027 | .031 | .032 | .034 | .035 | .036 | .034 | .032 | .036 | .031 | .036 | .036 | .030 | .025 | .017 | 23 | .036 | |
| 6 | .013 | .011 | .007 | BF | .004 | .004 | .005 | .006 | .034 | .045 | .048 | .055 | .061 | .060 | .058 | .059 | .059 | .056 | .053 | .048 | .051 | .049 | .048 | .048 | 23 | .061 | |
| 7 | .046 | .046 | .043 | BF | .038 | .028 | .030 | .036 | .041 | .042 | .045 | .046 | .046 | .046 | .046 | .045 | .045 | .044 | .040 | .040 | .038 | .037 | .037 | .035 | 23 | .046 | |
| 8 | .035 | .032 | .029 | BF | .028 | .031 | .033 | .034 | .034 | .036 | .039 | .040 | .042 | .044 | .042 | .044 | .045 | .039 | .029 | .024 | .021 | .018 | .013 | .010 | 23 | .045 | |
| 9 | .007 | .008 | .008 | BF | .007 | .005 | .008 | .013 | .025 | .038 | .044 | .046 | .047 | .048 | .048 | .049 | .051 | .052 | .051 | .040 | .031 | .031 | .028 | .023 | 23 | .052 | |
| 10 | .020 | .024 | .020 | BF | .014 | .013 | .010 | .021 | .031 | .048 | .053 | .055 | .057 | .058 | .058 | .060 | .058 | .058 | .060 | .059 | .041 | .033 | .030 | .026 | 23 | .060 | |
| 11 | .025 | .022 | .015 | BF | .012 | .010 | .011 | .022 | .034 | .049 | .055 | .055 | .054 | .052 | .053 | .053 | .053 | .055 | .053 | .047 | .034 | .026 | .022 | .024 | 23 | .055 | |
| 12 | .017 | .013 | .010 | BF | .010 | .006 | .008 | .014 | .023 | .036 | .046 | .046 | .043 | .043 | .036 | .042 | .054 | .050 | .045 | .041 | .032 | .022 | .015 | .015 | 23 | .054 | |
| 13 | .011 | .009 | .006 | BF | .004 | .003 | .007 | .019 | .029 | .042 | .044 | .046 | .051 | .044 | .041 | .042 | .036 | .034 | .029 | .025 | .019 | .011 | .010 | .007 | 23 | .051 | |
| 14 | .005 | .005 | .003 | BF | .005 | .007 | .005 | .007 | .016 | .031 | .045 | .050 | .049 | .047 | .040 | .033 | .043 | .035 | .032 | .019 | .033 | .017 | .017 | .013 | 23 | .050 | |
| 15 | .014 | .012 | .009 | BF | .006 | .006 | .011 | .019 | .030 | .040 | .051 | .055 | .049 | .048 | .046 | .042 | .038 | .036 | .034 | .027 | .020 | .014 | .008 | .009 | 23 | .055 | |
| 16 | .021 | .021 | .013 | BF | .013 | .008 | .010 | .010 | .025 | .031 | .037 | .042 | .042 | .043 | .043 | .043 | .039 | .038 | .037 | .025 | .018 | .011 | .012 | .015 | 23 | .043 | |
| 17 | .013 | .013 | .013 | BF | .011 | .010 | .016 | .023 | .031 | .038 | .046 | .045 | .046 | .051 | .052 | .050 | .049 | .048 | .044 | .036 | .025 | .018 | .021 | .027 | 23 | .052 | |
| 18 | .023 | .017 | .018 | BF | .011 | .008 | .011 | .015 | .029 | .031 | .032 | .033 | .035 | .036 | .037 | .036 | .035 | .035 | .033 | .034 | .031 | .027 | .020 | .018 | 23 | .037 | |
| 19 | .017 | .020 | .020 | BF | .019 | .018 | .019 | .021 | .022 | .027 | .030 | .032 | .033 | .034 | .032 | .032 | .032 | .032 | .030 | .019 | .018 | .029 | .026 | .020 | 23 | .034 | |
| 20 | .017 | .016 | .015 | BF | .012 | .007 | .006 | .008 | .017 | .027 | .041 | .051 | .049 | .052 | .053 | .053 | .047 | .049 | .051 | .046 | .040 | .035 | .029 | .024 | 23 | .053 | |
| 21 | .021 | .018 | .017 | BF | .018 | .021 | .019 | .020 | .022 | .026 | .030 | .036 | .039 | .042 | .043 | .045 | .043 | .040 | .032 | .026 | .017 | .012 | .008 | .007 | 23 | .045 | |
| 22 | .004 | .003 | .004 | BF | .003 | .003 | .005 | .008 | .011 | .015 | .018 | .025 | .026 | .027 | .025 | .024 | .021 | .021 | .017 | .015 | .012 | .010 | .006 | .007 | 23 | .027 | |
| 23 | .008 | .008 | .008 | BF | .009 | .007 | .009 | .011 | .014 | .017 | .020 | .022 | .022 | .024 | .026 | .028 | .027 | .027 | .028 | .026 | .025 | .024 | .023 | .022 | 23 | .028 | |
| 24 | .026 | .023 | .013 | BF | .007 | .007 | .010 | .017 | .026 | .031 | .034 | .033 | .030 | .032 | .035 | .034 | .032 | .031 | .028 | .024 | .018 | .010 | .009 | .013 | 23 | .035 | |
| 25 | .014 | .013 | .016 | BF | .009 | .009 | .014 | .021 | .029 | .037 | .041 | .042 | .037 | .037 | .043 | .046 | .046 | .047 | .046 | .034 | .024 | .020 | .019 | .015 | 23 | .047 | |
| 26 | .015 | .013 | .009 | BF | .009 | .007 | .007 | .014 | .027 | .040 | .048 | .049 | .049 | .051 | .051 | .049 | .049 | .043 | .037 | .024 | .019 | .016 | .015 | .016 | 23 | .051 | |
| 27 | .020 | .015 | .014 | BF | .014 | .011 | .009 | .017 | AI | .045 | .044 | .044 | .048 | .048 | .047 | .050 | .049 | .048 | .046 | .034 | .029 | .026 | .025 | .021 | 22 | .050 | |
| 28 | .022 | .016 | .017 | BF | .014 | .010 | .015 | .026 | .031 | .040 | .046 | .050 | .051 | .056 | .061 | .058 | .057 | .057 | .056 | .053 | .037 | .033 | .028 | .026 | 23 | .061 | |
| 29 | .026 | .022 | .019 | BF | .012 | .008 | .013 | .015 | .041 | .050 | .055 | .055 | .054 | .053 | .054 | .059 | .056 | .054 | .051 | .047 | .041 | .032 | .033 | .047 | 23 | .059 | |
| 30 | .049 | .044 | .039 | BF | .021 | .021 | .018 | .017 | .020 | .021 | .026 | .027 | .026 | .025 | .027 | .028 | .024 | .025 | .026 | .024 | .020 | .015 | .016 | .015 | 23 | .049 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .049 | .046 | .043 | | .038 | .031 | .033 | .036 | .050 | .058 | .061 | .062 | .062 | .060 | .061 | .062 | .062 | .063 | .061 | .059 | .051 | .049 | .048 | .048 | | | |
| AVG: | .0203 | .0191 | .0167 | | .0136 | .0120 | .0140 | .0193 | .0288 | .0372 | .0426 | .0449 | .0451 | .0454 | .0450 | .0452 | .0447 | .0435 | .0408 | .0348 | .0290 | .0242 | .0218 | .0205 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0308 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .013 | .011 | .011 | BF | .015 | .015 | .015 | .014 | .015 | .022 | .029 | .030 | .033 | .039 | .044 | .044 | .043 | .039 | .035 | .035 | .033 | .028 | .024 | .022 | 23 | .044 |
| 2 | .017 | .013 | .013 | BF | .014 | .010 | .009 | .015 | .029 | .036 | .043 | .044 | .044 | .047 | .048 | .049 | .048 | .048 | .040 | .026 | .023 | .021 | .013 | .012 | 23 | .049 |
| 3 | .009 | .009 | .006 | BF | .010 | .008 | .012 | .021 | .032 | .039 | .042 | .047 | .051 | .058 | .040 | .037 | .034 | .033 | .027 | .022 | .026 | .017 | .016 | .011 | 23 | .058 |
| 4 | .011 | .010 | .010 | BF | .011 | .016 | .016 | .020 | .022 | .028 | .035 | .038 | .039 | .031 | .028 | .031 | .036 | .033 | .032 | .028 | .019 | .015 | .014 | .011 | 23 | .039 |
| 5 | .013 | .014 | .013 | BF | .010 | .006 | .008 | .017 | .022 | .029 | .035 | .036 | .037 | .037 | .032 | .033 | .028 | .024 | .020 | .017 | .012 | .007 | .005 | .006 | 23 | .037 |
| 6 | .008 | .006 | .003 | BF | .003 | .002 | .004 | .010 | .016 | .024 | .024 | .028 | .030 | .032 | .035 | .036 | .035 | .036 | .032 | .028 | .020 | .018 | .010 | .010 | 23 | .036 |
| 7 | .010 | .005 | .005 | BF | .006 | .009 | .010 | .010 | .014 | .020 | .028 | .039 | .047 | .049 | .049 | .047 | .046 | .046 | .043 | .030 | .016 | .013 | .020 | .016 | 23 | .049 |
| 8 | .011 | .010 | .009 | BF | .009 | .006 | .009 | .017 | .028 | .045 | .046 | .051 | .051 | .049 | .049 | .048 | .041 | .038 | .035 | .034 | .024 | .013 | .008 | .004 | 23 | .051 |
| 9 | .006 | .006 | .008 | BF | .003 | .004 | .007 | .017 | .028 | .037 | .041 | .049 | .051 | .050 | .049 | .051 | .051 | .049 | .046 | .035 | .029 | .023 | .022 | .021 | 23 | .051 |
| 10 | .021 | .016 | .019 | BF | .009 | .007 | .011 | .022 | .029 | .039 | .044 | .046 | .047 | .051 | .051 | .051 | .051 | .052 | .045 | .042 | .030 | .023 | .016 | .013 | 23 | .052 |
| 11 | .013 | .011 | .005 | BF | .003 | .003 | .006 | .016 | .027 | .042 | .055 | .051 | .057 | .056 | .053 | .050 | .051 | .053 | .050 | .032 | .023 | .020 | .017 | .013 | 23 | .057 |
| 12 | .014 | .014 | .008 | BF | .004 | .003 | .005 | .018 | .032 | .040 | .046 | .051 | .052 | .050 | .043 | .041 | .044 | .035 | .032 | .027 | .021 | .017 | .010 | .009 | 23 | .052 |
| 13 | .006 | .004 | .004 | BF | .003 | .004 | .003 | .010 | .023 | .033 | .049 | .044 | .045 | .048 | .047 | .042 | .039 | .043 | .034 | .028 | .027 | .017 | .013 | .014 | 23 | .049 |
| 14 | .011 | .010 | .009 | BF | .004 | .003 | .003 | .007 | .018 | .036 | .041 | .038 | .039 | .040 | .037 | .030 | .036 | .032 | .027 | .025 | .014 | .012 | .013 | .010 | 23 | .041 |
| 15 | .009 | .007 | .005 | BF | .003 | .003 | .004 | .007 | .016 | .028 | .040 | .047 | .048 | .044 | .035 | .037 | .040 | .039 | .037 | .032 | .025 | .016 | .008 | .007 | 23 | .048 |
| 16 | .007 | .005 | .003 | BF | .004 | .003 | .006 | .016 | .024 | .036 | .044 | .046 | .045 | .045 | .046 | .045 | .045 | .049 | .047 | .053 | .043 | .034 | .035 | .027 | 23 | .053 |
| 17 | .020 | .015 | .011 | BF | .007 | .005 | .008 | .017 | .027 | .037 | .043 | .053 | .057 | .054 | .044 | .048 | .043 | .041 | .048 | .035 | .023 | .021 | .016 | .012 | 23 | .057 |
| 18 | .008 | .007 | .007 | BF | .004 | .004 | .004 | .009 | .022 | .038 | .049 | .052 | .051 | .054 | .057 | .053 | .043 | .041 | .037 | .016 | .015 | .026 | .044 | .034 | 23 | .057 |
| 19 | .022 | .012 | .007 | BF | .008 | .006 | .006 | .018 | .027 | .035 | .041 | .045 | .050 | .051 | .052 | .051 | .050 | .051 | .054 | .044 | .024 | .024 | .026 | .024 | 23 | .054 |
| 20 | .015 | .016 | .011 | BF | .004 | .004 | .007 | .014 | .030 | .034 | .048 | .059 | .062 | .061 | .060 | .057 | .056 | .055 | .050 | .040 | .031 | .020 | .022 | .014 | 23 | .062 |
| 21 | .012 | .013 | .012 | BF | .006 | .005 | .009 | .018 | .035 | .052 | .048 | .055 | .057 | .055 | .056 | .055 | .048 | .045 | .039 | .031 | .021 | .019 | .020 | .018 | 23 | .057 |
| 22 | .014 | .012 | .009 | BF | .008 | .005 | .004 | .013 | .025 | .041 | .052 | .053 | .052 | .047 | .041 | .038 | .033 | .032 | .033 | .029 | .020 | .013 | .010 | .014 | 23 | .053 |
| 23 | .007 | .006 | .006 | BF | .005 | .004 | .006 | .010 | .016 | .032 | .043 | .044 | .046 | .048 | .039 | .037 | .031 | .028 | .028 | .027 | .021 | .014 | .022 | .026 | 23 | .048 |
| 24 | .023 | .018 | .016 | BF | .012 | .009 | .009 | .015 | .019 | .032 | AI | .049 | .048 | .049 | .052 | .052 | .050 | .049 | .044 | .029 | .018 | .015 | .013 | .009 | 22 | .052 |
| 25 | .008 | .008 | .006 | BF | .010 | .005 | .010 | .021 | .029 | .046 | .053 | .054 | .056 | .059 | .059 | .060 | .055 | .045 | .045 | .028 | .044 | .048 | .034 | .024 | 23 | .060 |
| 26 | .024 | .027 | .020 | BF | .030 | .031 | .032 | .034 | .035 | .035 | .038 | .038 | .046 | .053 | .059 | .060 | .060 | .063 | .063 | .054 | .036 | .029 | .022 | .024 | 23 | .063 |
| 27 | .014 | .010 | .011 | BF | .004 | .005 | .007 | .014 | .035 | .043 | .050 | .051 | .053 | .049 | .046 | .044 | .039 | .030 | .024 | .019 | .010 | .006 | .005 | .005 | 23 | .053 |
| 28 | .005 | .004 | .004 | BF | .003 | .003 | .003 | .003 | .006 | .012 | .020 | .027 | .027 | .027 | .026 | .024 | .029 | .032 | .024 | .015 | .010 | .005 | .006 | .006 | 23 | .032 |
| 29 | .005 | .006 | .021 | BF | .006 | .008 | .011 | .041 | .048 | .048 | .050 | .051 | .056 | .059 | .058 | .057 | .054 | .051 | .047 | .043 | .041 | .036 | .035 | .032 | 23 | .059 |
| 30 | .026 | .019 | .013 | BF | .011 | .011 | .014 | .024 | .034 | .035 | .038 | .038 | .039 | .040 | .042 | .043 | .044 | .045 | .043 | .035 | .027 | .022 | .020 | .019 | 23 | .045 |
| 31 | .017 | .016 | .016 | BF | .009 | .007 | .009 | .017 | .026 | .030 | .036 | .035 | .035 | .037 | .040 | .041 | .043 | .043 | .039 | .029 | .023 | .021 | .022 | .020 | 23 | .043 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .026 | .027 | .021 | | .030 | .031 | .032 | .041 | .048 | .052 | .055 | .059 | .062 | .061 | .060 | .060 | .060 | .063 | .063 | .054 | .044 | .048 | .044 | .034 | | |
| AVG: | .0129 | .0110 | .0097 | | .0077 | .0069 | .0086 | .0163 | .0255 | .0350 | .0417 | .0448 | .0468 | .0474 | .0457 | .0449 | .0434 | .0419 | .0387 | .0312 | .0242 | .0198 | .0181 | .0157 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0277 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .020 | .022 | .022 | BF | .012 | .012 | .005 | .015 | .027 | .043 | .054 | .057 | .054 | .051 | .051 | .049 | .045 | .043 | .034 | .024 | .020 | .020 | .021 | .016 | 23 | .057 |
| 2 | .015 | .012 | .010 | BF | .009 | .005 | .004 | .010 | .014 | .024 | .038 | .063 | .061 | .065 | .059 | .063 | .060 | .057 | .049 | .030 | .024 | .023 | .018 | .013 | 23 | .065 |
| 3 | .013 | .013 | .006 | BF | .005 | .003 | .005 | .009 | .018 | .035 | .051 | .057 | .053 | .050 | .055 | .058 | .056 | .053 | .054 | .038 | .024 | .021 | .020 | .017 | 23 | .058 |
| 4 | .018 | .016 | .011 | BF | .006 | .004 | .004 | .014 | .031 | .040 | .043 | .048 | .050 | .049 | .048 | .051 | .047 | .039 | .042 | .035 | .024 | .017 | .014 | .013 | 23 | .051 |
| 5 | .012 | .017 | .018 | BF | .011 | .011 | .010 | .011 | .020 | .037 | .040 | .042 | .043 | .044 | .044 | .045 | .045 | .042 | .039 | .035 | .028 | .028 | .027 | .021 | 23 | .045 |
| 6 | .017 | .016 | .014 | BF | .012 | .009 | .011 | .019 | .025 | .036 | .038 | .040 | .045 | .045 | .046 | .046 | .048 | .049 | .044 | .032 | .029 | .026 | .024 | .025 | 23 | .049 |
| 7 | .021 | .021 | .023 | BF | .016 | .015 | .015 | .015 | .015 | .015 | .020 | .021 | .022 | .022 | .023 | .025 | .024 | .019 | .021 | .025 | .021 | .018 | .015 | .013 | 23 | .025 |
| 8 | .012 | .011 | .022 | BF | .014 | .008 | .006 | .010 | .017 | .021 | .024 | .028 | .032 | .035 | .037 | .040 | .043 | .040 | .031 | .025 | .016 | .016 | .017 | .016 | 23 | .043 |
| 9 | .017 | .016 | .012 | BF | .009 | .007 | .007 | .013 | .030 | .035 | .040 | .046 | .049 | .050 | .051 | .053 | .054 | .056 | .051 | .033 | .027 | .028 | .025 | .021 | 23 | .056 |
| 10 | .022 | .020 | .013 | BF | .013 | .012 | .011 | .015 | .021 | .039 | .042 | .049 | .054 | .053 | .048 | .043 | .042 | .034 | .032 | .026 | .020 | .019 | .021 | .019 | 23 | .054 |
| 11 | .014 | .013 | .014 | BF | .009 | .008 | .008 | .017 | .032 | .034 | .040 | .040 | .035 | .031 | .031 | .030 | .029 | .025 | .020 | .011 | .009 | .010 | .008 | .007 | 23 | .040 |
| 12 | .009 | .018 | .019 | BF | .014 | .014 | .013 | .015 | .020 | .022 | .027 | .033 | .039 | .039 | .031 | .032 | .029 | .026 | .022 | .025 | .025 | .020 | .012 | .010 | 23 | .039 |
| 13 | .008 | .008 | .007 | BF | .006 | .005 | .005 | .012 | .017 | .030 | .040 | .037 | .042 | .043 | .044 | .044 | .041 | .040 | .042 | .033 | .027 | .020 | .027 | .029 | 23 | .044 |
| 14 | .032 | .029 | .028 | BF | .025 | .024 | .023 | .028 | .029 | .031 | .035 | .037 | .037 | .034 | .039 | .039 | .040 | .039 | .029 | .016 | .015 | .011 | .012 | .020 | 23 | .040 |
| 15 | .015 | .017 | .020 | BF | .012 | .013 | .012 | .019 | .029 | .034 | .037 | .037 | .033 | .032 | .030 | .034 | .034 | .033 | .028 | .021 | .015 | .012 | .008 | .008 | 23 | .037 |
| 16 | .006 | .006 | .005 | BF | .005 | .004 | .004 | .009 | .019 | .033 | .046 | .045 | .043 | .036 | .037 | .037 | .036 | .038 | .024 | .026 | .016 | .012 | .007 | .006 | 23 | .046 |
| 17 | .006 | .006 | .004 | BF | .004 | .004 | .003 | .009 | .020 | AZ | .046 | .043 | .041 | .043 | .042 | .034 | .030 | .029 | .029 | .024 | .017 | .009 | .006 | .007 | 22 | .046 |
| 18 | .007 | .004 | .004 | BF | .003 | .002 | .002 | .005 | .010 | .019 | .025 | .028 | .032 | .030 | .028 | .022 | .021 | .029 | .030 | .016 | .009 | .007 | .005 | .005 | 23 | .032 |
| 19 | .004 | .003 | .004 | BF | .004 | .004 | .008 | .014 | .028 | .039 | .045 | .046 | .052 | .051 | .048 | .049 | .050 | .051 | .037 | .025 | .024 | .020 | .019 | .019 | 23 | .052 |
| 20 | .016 | .009 | .009 | BF | .005 | .007 | .008 | .018 | .027 | .037 | .044 | .047 | .049 | .051 | .051 | .052 | .055 | .056 | .046 | .029 | .028 | .027 | .021 | .020 | 23 | .056 |
| 21 | .018 | .015 | .013 | BF | .009 | .009 | .006 | .016 | .028 | .037 | .053 | .058 | .053 | .048 | .036 | .049 | .042 | .043 | .031 | .030 | .024 | .020 | .017 | .013 | 23 | .058 |
| 22 | .010 | .009 | .007 | BF | .005 | .003 | .003 | .009 | AI | .036 | .049 | .052 | .052 | .055 | .055 | .053 | .052 | .051 | .042 | .027 | .019 | .016 | .011 | .010 | 22 | .055 |
| 23 | .006 | .006 | .004 | BF | .002 | .003 | .004 | .009 | .017 | .033 | .037 | .037 | .043 | .047 | .048 | .051 | .051 | .047 | .043 | .035 | .029 | .025 | .023 | .029 | 23 | .051 |
| 24 | .036 | .030 | .028 | BF | .024 | .018 | .014 | .023 | .037 | .042 | .044 | .044 | .045 | .047 | .044 | .047 | .046 | .045 | .041 | .040 | .038 | .038 | .036 | .034 | 23 | .047 |
| 25 | .029 | .028 | .023 | BF | .021 | .017 | .018 | .024 | .029 | .037 | .038 | .039 | .045 | .047 | .049 | .049 | .048 | .044 | .035 | .028 | .023 | .020 | .020 | .021 | 23 | .049 |
| 26 | .020 | .018 | .016 | BF | .015 | .027 | .032 | .036 | .038 | .037 | .041 | .044 | .045 | .047 | .047 | .048 | .046 | .040 | .036 | .029 | .027 | .026 | .025 | .031 | 23 | .048 |
| 27 | .030 | .025 | .022 | BF | .018 | .022 | .022 | .030 | .039 | .043 | .047 | .048 | .049 | .049 | .049 | .049 | .046 | .042 | .036 | .037 | .026 | .028 | .027 | .026 | 23 | .049 |
| 28 | .025 | .037 | .037 | BF | .025 | .029 | .029 | .036 | .041 | .044 | .045 | .046 | .046 | .046 | .044 | .045 | .043 | .041 | .039 | .039 | .037 | .037 | .038 | .040 | 23 | .046 |
| 29 | .039 | .039 | .039 | BF | .039 | .037 | .031 | .028 | .026 | .027 | .028 | .035 | .039 | .039 | .040 | .040 | .040 | .038 | .033 | .021 | .024 | .023 | .026 | .025 | 23 | .040 |
| 30 | .027 | .027 | .024 | BF | .024 | .021 | .021 | .021 | .020 | .026 | .031 | .038 | .042 | .045 | .046 | .046 | .045 | .046 | .046 | .040 | .030 | .028 | .029 | .022 | 23 | .046 |
| 31 | .018 | .015 | .012 | BF | .006 | .005 | .004 | .009 | .016 | .016 | .019 | .022 | .030 | .026 | .023 | .022 | .021 | .022 | .018 | .016 | .008 | .006 | .009 | .007 | 23 | .030 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .039 | .039 | .039 | | .039 | .037 | .032 | .036 | .041 | .044 | .054 | .063 | .061 | .065 | .059 | .063 | .060 | .057 | .054 | .040 | .038 | .038 | .038 | .040 | | |
| AVG: | .0175 | .0170 | .0158 | | .0123 | .0117 | .0112 | .0167 | .0247 | .0327 | .0389 | .0422 | .0437 | .0435 | .0427 | .0434 | .0422 | .0405 | .0356 | .0281 | .0227 | .0204 | .0190 | .0182 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0279 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone
 SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .009 | .009 | .008 | BF | .011 | .011 | .012 | .019 | .018 | .013 | .019 | .024 | .030 | .034 | .032 | .029 | .028 | .025 | .025 | .024 | .024 | .023 | .022 | .022 | 23 | .034 | |
| 2 | .021 | .020 | .018 | BF | .016 | .015 | .014 | .014 | .014 | .013 | .014 | .013 | .018 | .022 | .017 | .016 | .015 | .012 | .010 | .008 | .005 | .015 | .021 | .013 | 23 | .022 | |
| 3 | .013 | .011 | .009 | BF | .006 | .005 | .004 | .009 | .023 | .035 | .039 | .039 | .042 | .042 | .043 | .043 | .043 | .040 | .024 | .020 | .015 | .015 | .009 | .009 | 23 | .043 | |
| 4 | .009 | .008 | .006 | BF | .004 | .006 | .004 | .009 | .019 | .027 | .037 | .045 | .047 | .051 | .051 | .049 | .046 | .044 | .033 | .019 | .015 | .011 | .010 | .009 | 23 | .051 | |
| 5 | .009 | .008 | .006 | BF | .003 | .003 | .003 | .005 | .015 | .023 | .036 | .046 | .048 | .048 | .049 | .051 | .042 | .038 | .033 | .029 | .029 | .032 | .027 | .023 | 23 | .051 | |
| 6 | .023 | .023 | .019 | BF | .018 | .021 | .015 | .018 | .023 | .027 | .028 | .026 | .027 | .030 | .027 | .027 | .029 | .030 | .023 | .012 | .005 | .003 | .004 | .006 | 23 | .030 | |
| 7 | .006 | .006 | .007 | BF | .006 | .004 | .003 | .005 | .009 | .023 | .036 | .040 | .039 | .039 | .040 | .041 | .041 | .040 | .029 | .020 | .014 | .011 | .010 | .011 | 23 | .041 | |
| 8 | .009 | .007 | .006 | BF | .008 | .006 | .004 | .008 | .020 | .028 | .035 | AO | AO | 0 | .035 |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 10 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 11 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 12 | AO | AO | AO | AO | AO | AO | AO | AO | AO | BF | BF | BF | BF | BF | AI | .019 | .018 | .017 | .014 | .012 | .014 | .008 | .004 | .006 | 9 | .019 | |
| 13 | .009 | .007 | .006 | BF | .012 | .015 | .011 | .010 | .011 | .015 | .021 | .035 | .042 | .052 | .052 | .052 | .050 | .034 | .020 | .015 | .010 | .011 | .008 | 23 | .053 | | |
| 14 | .009 | .010 | .009 | BF | .007 | .006 | .006 | .011 | .012 | .023 | .040 | .046 | .048 | .050 | .043 | .043 | .043 | .040 | .030 | .019 | .016 | .012 | .007 | .005 | 23 | .050 | |
| 15 | .005 | .005 | .004 | BF | .004 | .002 | .003 | .005 | .008 | .019 | .033 | .038 | .041 | .041 | .037 | .034 | .028 | .016 | .015 | .012 | .012 | .010 | .010 | 23 | .041 | | |
| 16 | .007 | .006 | .005 | BF | .005 | .004 | .004 | .007 | .018 | .027 | .039 | .044 | .048 | .046 | .044 | .033 | .027 | .019 | .018 | .016 | .020 | .015 | .013 | 23 | .048 | | |
| 17 | .012 | .009 | .008 | BF | .008 | .006 | .006 | .006 | .012 | .018 | .032 | .044 | .046 | .045 | .045 | .040 | .044 | .041 | .023 | .016 | .014 | .011 | .011 | .008 | 23 | .046 | |
| 18 | .008 | .006 | .006 | BF | .004 | .004 | .003 | .006 | .018 | .032 | .041 | .042 | .046 | .048 | .040 | .043 | .044 | .039 | .022 | .018 | .016 | .013 | .010 | .010 | 23 | .048 | |
| 19 | .010 | .009 | .006 | BF | .004 | .003 | .004 | .005 | .013 | .030 | .046 | .047 | .052 | .054 | .051 | .050 | .052 | .049 | .031 | .020 | .020 | .012 | .013 | .009 | 23 | .054 | |
| 20 | .010 | .006 | .006 | BF | .003 | .002 | .002 | .004 | .014 | .032 | .042 | .048 | .046 | .043 | .044 | .044 | .047 | .048 | .030 | .019 | .014 | .018 | .015 | .016 | 23 | .048 | |
| 21 | .010 | .011 | .011 | BF | .004 | .004 | .003 | .007 | .017 | .032 | .043 | .047 | .046 | .047 | .047 | .045 | .042 | .041 | .031 | .021 | .017 | .016 | .012 | .011 | 23 | .047 | |
| 22 | .010 | .009 | .007 | BF | .007 | .004 | .003 | .008 | .019 | .024 | .042 | .053 | .057 | .054 | .056 | .056 | .055 | .041 | .029 | .023 | .024 | .023 | .018 | .016 | 23 | .057 | |
| 23 | .015 | .014 | .011 | BF | .006 | .005 | .005 | .011 | .029 | .037 | .055 | .059 | .057 | .053 | .052 | .053 | .047 | .037 | .033 | .027 | .025 | .021 | .019 | .016 | 23 | .059 | |
| 24 | .019 | .014 | .013 | BF | .009 | .009 | .008 | .010 | .020 | .027 | .047 | .047 | .047 | .046 | .045 | .046 | .046 | .037 | .029 | .025 | .022 | .012 | .023 | .018 | 23 | .047 | |
| 25 | .021 | .014 | .013 | BF | .009 | .006 | .005 | .013 | .027 | .035 | .043 | .052 | .051 | .049 | .050 | .048 | .044 | .042 | .027 | .022 | .020 | .015 | .016 | .014 | 23 | .052 | |
| 26 | .014 | .012 | .009 | BF | .008 | .005 | .003 | .005 | .017 | .034 | .047 | .044 | .043 | .042 | .042 | .041 | .041 | .038 | .025 | .019 | .015 | .013 | .012 | .011 | 23 | .047 | |
| 27 | .011 | .011 | .008 | BF | .006 | .005 | .003 | .005 | .016 | .025 | .039 | .047 | .047 | .046 | .047 | .048 | .053 | .053 | .033 | .023 | .020 | .018 | .020 | .020 | 23 | .053 | |
| 28 | .020 | .014 | .009 | BF | .006 | .005 | .003 | .008 | .013 | .032 | .049 | .062 | .063 | .061 | .059 | .057 | .056 | .054 | .045 | .031 | .032 | .035 | .040 | .040 | 23 | .063 | |
| 29 | .038 | .043 | .043 | BF | .040 | .035 | .027 | .021 | .031 | .037 | .039 | .042 | .047 | .048 | .050 | .051 | .052 | .048 | .036 | .028 | .023 | .021 | .016 | .017 | 23 | .052 | |
| 30 | .011 | .012 | .014 | BF | .015 | .011 | .010 | .014 | .029 | .042 | .045 | .047 | .047 | .047 | .047 | .046 | .044 | .040 | .033 | .024 | .025 | .021 | .024 | .025 | 23 | .047 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| NO.: | 26 | 26 | 26 | | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 25 | 25 | 25 | 25 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | | | |
| MAX: | .038 | .043 | .043 | | .040 | .035 | .027 | .021 | .031 | .042 | .055 | .062 | .063 | .061 | .059 | .057 | .056 | .054 | .045 | .031 | .032 | .035 | .040 | .040 | | | |
| AVG: | .0130 | .0117 | .0103 | | .0088 | .0078 | .0065 | .0093 | .0179 | .0273 | .0380 | .0431 | .0450 | .0455 | .0446 | .0431 | .0420 | .0384 | .0276 | .0205 | .0180 | .0162 | .0153 | .0141 | | | |

MONTHLY OBSERVATIONS: 594 MONTHLY MEAN: .0244 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .020 | .019 | .016 | BF | .016 | .015 | .017 | .018 | .027 | .031 | .033 | .035 | .037 | .038 | .039 | .039 | .040 | .036 | .028 | .024 | .021 | .020 | .017 | .016 | 23 | .040 |
| 2 | .015 | .012 | .011 | BF | .008 | .006 | .004 | .005 | .014 | .020 | .038 | .043 | .048 | .050 | .052 | .054 | .055 | .053 | .034 | .033 | .030 | .025 | .021 | .019 | 23 | .055 |
| 3 | .017 | .014 | .012 | BF | .010 | .008 | .007 | .015 | .023 | .038 | .040 | .043 | .045 | .045 | .048 | .049 | .049 | .048 | .041 | .030 | .026 | .024 | .023 | .019 | 23 | .049 |
| 4 | .019 | .018 | .013 | BF | .012 | .009 | .004 | .005 | .021 | .037 | BA | .049 | .052 | .060 | .054 | .054 | .051 | .046 | .029 | .026 | .023 | .022 | .018 | .018 | 22 | .060 |
| 5 | .012 | .009 | .011 | BF | .006 | .005 | .002 | .004 | .014 | .031 | .047 | .057 | .056 | .060 | .061 | .062 | .059 | .056 | .036 | .030 | .029 | .026 | .023 | .013 | 23 | .062 |
| 6 | .011 | .012 | .008 | BF | .004 | .003 | .003 | .004 | .011 | .026 | .045 | .049 | .048 | .052 | .056 | .054 | .050 | .047 | .033 | .027 | .022 | .020 | .019 | .014 | 23 | .056 |
| 7 | .010 | .011 | .019 | BF | .012 | .009 | .006 | .013 | .025 | .035 | .038 | .040 | .040 | .042 | .038 | .036 | .033 | .029 | .026 | .022 | .020 | .018 | .017 | 23 | .042 | |
| 8 | .017 | .016 | .013 | BF | .010 | .009 | .008 | .008 | .010 | .014 | .012 | .014 | .016 | .016 | .019 | .021 | .020 | .021 | .018 | .018 | .019 | .019 | .019 | .021 | 23 | .021 |
| 9 | .023 | .025 | .021 | BF | .019 | .018 | .016 | .017 | .017 | .017 | .020 | .024 | .027 | .026 | .025 | .026 | .025 | .024 | .023 | .021 | .012 | .006 | .005 | .005 | 23 | .027 |
| 10 | .004 | .003 | .003 | BF | .006 | .015 | .013 | .015 | .015 | .020 | .024 | .026 | .029 | .030 | .030 | .027 | .022 | .017 | .009 | .007 | .006 | .004 | .003 | .003 | 23 | .030 |
| 11 | .002 | .003 | .003 | BF | .012 | .007 | .003 | .003 | .014 | .020 | .026 | .036 | .039 | .036 | .033 | .034 | .033 | .024 | .015 | .011 | .010 | .007 | .007 | .009 | 23 | .039 |
| 12 | .007 | .008 | .005 | BF | .005 | .004 | .003 | .003 | .008 | .015 | .025 | .032 | .036 | .040 | .039 | .039 | .039 | .036 | .033 | .032 | .032 | .030 | .029 | .028 | 23 | .040 |
| 13 | .025 | .020 | .020 | BF | .017 | .015 | .015 | .015 | .017 | .019 | .020 | .021 | .021 | .021 | .019 | .018 | .018 | .017 | .013 | .013 | .014 | .013 | .012 | .013 | 23 | .025 |
| 14 | .013 | .015 | .015 | BF | .013 | .012 | .011 | .011 | .015 | .017 | .018 | .020 | .021 | .024 | .029 | .030 | .030 | .025 | .015 | .011 | .009 | .006 | .004 | .003 | 23 | .030 |
| 15 | .003 | .004 | .005 | BF | .005 | .011 | .018 | .017 | .019 | .027 | .031 | .033 | .034 | .035 | .035 | .033 | .033 | .031 | .024 | .013 | .010 | .011 | .012 | .011 | 23 | .035 |
| 16 | .010 | .012 | .023 | BF | .025 | .019 | .018 | .019 | .026 | .032 | .033 | .035 | .036 | .037 | .037 | .038 | .039 | .039 | .039 | .037 | .031 | .023 | .017 | .015 | 23 | .039 |
| 17 | .014 | .012 | .012 | BF | .005 | .003 | .003 | .005 | .018 | .025 | .037 | .040 | .042 | .041 | .042 | .042 | .042 | .035 | .024 | .022 | .019 | .017 | .017 | .014 | 23 | .042 |
| 18 | .013 | .011 | .010 | BF | .007 | .003 | .003 | .006 | .013 | .022 | .032 | .043 | .044 | .046 | .047 | .047 | .046 | .036 | .025 | .021 | .020 | .016 | .015 | .015 | 23 | .047 |
| 19 | .012 | .011 | .006 | BF | .008 | .004 | .003 | .003 | .006 | .013 | .027 | .046 | .052 | .053 | .053 | .050 | .038 | .026 | .024 | .023 | .020 | .016 | .015 | 23 | .053 | |
| 20 | .009 | .009 | .006 | BF | .005 | .003 | .003 | .003 | .010 | .016 | .028 | .045 | .054 | .057 | .055 | .057 | .056 | .045 | .028 | .028 | .025 | .024 | .020 | .018 | 23 | .057 |
| 21 | .014 | .011 | .006 | BF | .005 | .007 | .003 | .007 | .015 | .030 | .044 | .058 | .069 | .071 | .070 | .070 | .061 | .039 | .030 | .030 | .028 | .027 | .021 | .019 | 23 | .071 |
| 22 | .021 | .017 | .010 | BF | .011 | .010 | .008 | .007 | .019 | .030 | .044 | .048 | .047 | .047 | .046 | .046 | .046 | .040 | .031 | .030 | .031 | .025 | .031 | .030 | 23 | .048 |
| 23 | .030 | .025 | .026 | BF | .026 | .029 | .031 | .029 | .028 | .025 | .023 | .023 | .023 | .026 | .026 | .030 | .038 | .032 | .020 | .018 | .013 | .023 | .025 | .022 | 23 | .038 |
| 24 | .017 | .021 | .015 | BF | .006 | .003 | .005 | .007 | .014 | .023 | .034 | .040 | .043 | .045 | .044 | .044 | .043 | .041 | .041 | .041 | .041 | .039 | .034 | .020 | 23 | .045 |
| 25 | .017 | .012 | .009 | BF | .007 | .005 | .005 | .008 | .015 | .032 | .038 | .038 | .038 | .036 | .035 | .034 | .034 | .035 | .032 | .024 | .021 | .019 | .017 | .021 | 23 | .038 |
| 26 | .038 | .034 | .028 | BF | .013 | .008 | .006 | .009 | .017 | .034 | .038 | .040 | .041 | .044 | .045 | .045 | .043 | .035 | .024 | .019 | .018 | .017 | .013 | .012 | 23 | .045 |
| 27 | .011 | .008 | .009 | BF | .006 | .003 | .003 | .003 | .009 | .014 | .031 | .037 | .043 | .047 | .050 | .050 | .051 | .050 | .034 | .030 | .021 | .014 | .014 | .014 | 23 | .051 |
| 28 | .011 | .012 | .010 | BF | .008 | .009 | .005 | .004 | .006 | .022 | .027 | .028 | .034 | .032 | .030 | .025 | .018 | .020 | .022 | .021 | .033 | .027 | .024 | .027 | 23 | .034 |
| 29 | .028 | .025 | .025 | BF | .021 | .018 | .016 | .015 | .018 | .019 | .019 | .020 | .021 | .022 | .023 | .024 | .026 | .027 | .028 | .029 | .029 | .027 | .027 | .029 | 23 | .029 |
| 30 | .030 | .030 | .030 | BF | .018 | .014 | .012 | .009 | .022 | .032 | .036 | .038 | .041 | .042 | .042 | .042 | .042 | .038 | .031 | .024 | .021 | .015 | .013 | .011 | 23 | .042 |
| 31 | .011 | .008 | .005 | BF | .006 | .004 | .003 | .004 | .007 | .019 | .041 | .047 | .049 | .050 | .051 | .052 | .049 | .047 | .035 | .030 | .022 | .022 | .020 | .015 | 23 | .052 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | |
| MAX: | .038 | .034 | .030 | | .026 | .029 | .031 | .029 | .028 | .038 | .047 | .058 | .069 | .071 | .070 | .070 | .061 | .056 | .041 | .041 | .041 | .039 | .034 | .030 | | |
| AVG: | .0156 | .0144 | .0131 | | .0107 | .0093 | .0083 | .0094 | .0159 | .0244 | .0316 | .0370 | .0395 | .0410 | .0412 | .0413 | .0401 | .0358 | .0274 | .0242 | .0220 | .0196 | .0179 | .0163 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0242 MONTHLY MAX: .071

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-027-0003 POC: 1
 COUNTY: (027) Caldwell
 CITY: (37760) Lenoir
 SITE ADDRESS: 219 NUWAY CIRCLE
 SITE COMMENTS: SLAMS OZONE PEAK CONC. SITE URBAN SCALE ON LINE 1981
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.935833
 LONGITUDE: -81.530278
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 366
 PROBE HEIGHT: 4.01

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .015 | .014 | .013 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .015 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .015 | .014 | .013 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0150 | .0140 | .0130 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0140 MONTHLY MAX: .015

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-033-0001 POC: 1
 COUNTY: (033) Caswell
 CITY: (00000) Not in a city
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.307033
 LONGITUDE: -79.467417
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 241
 PROBE HEIGHT: 3.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .034 | .033 | .029 | BF | .027 | .025 | .022 | .022 | .025 | .027 | .028 | .030 | .032 | .032 | .032 | .035 | .035 | .033 | .030 | .030 | .030 | .028 | .027 | .026 | 23 | .035 | |
| 2 | .026 | .036 | .041 | BF | .040 | .038 | .038 | .038 | .038 | .039 | .040 | .040 | .042 | .044 | .044 | .044 | .045 | .045 | .044 | .042 | .039 | .040 | .039 | .037 | 23 | .045 | |
| 3 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | .043 | .043 | .043 | .043 | .042 | AE | AE | AE | AE | AE | 5 | .043 | |
| 4 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | .046 | .045 | .045 | .045 | .039 | .033 | .035 | .037 | .038 | AE | 8 | .046 |
| 5 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | .047 | .047 | .048 | .047 | .040 | .038 | .038 | .035 | AE | AE | 8 | .048 | |
| 6 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | .045 | .049 | .049 | .051 | .053 | .053 | .051 | .048 | .046 | .044 | .036 | AE | AE | 11 | .053 | |
| 7 | .042 | .043 | .043 | BF | .042 | .039 | .037 | .037 | .039 | .038 | .043 | .046 | .047 | .048 | .048 | .049 | .049 | .049 | .048 | .047 | .046 | .043 | .042 | .041 | 23 | .049 | |
| 8 | .040 | .039 | .037 | BF | .035 | .036 | .037 | .041 | .041 | .043 | .045 | .047 | .048 | .049 | .050 | .052 | .052 | .051 | .049 | .046 | .042 | .043 | .044 | .043 | 23 | .052 | |
| 9 | .037 | .043 | .043 | BF | .043 | .043 | .043 | .043 | .043 | .045 | .046 | .049 | .052 | .054 | .055 | .055 | .055 | .053 | .052 | .051 | .048 | .048 | .048 | .047 | 23 | .055 | |
| 10 | .045 | .042 | .043 | BF | .042 | .041 | .038 | .038 | .038 | .043 | .046 | .044 | .047 | .046 | .046 | .044 | .044 | .044 | .044 | .042 | .038 | .039 | .035 | .028 | 23 | .047 | |
| 11 | AE | AE | AE | BF | AE | .044 | .046 | .044 | .044 | .038 | .040 | .042 | .040 | .038 | 9 | .046 | |
| 12 | AE | AE | AE | BF | AE | .045 | .046 | .048 | .047 | .041 | .036 | .035 | .034 | .033 | .036 | 10 | .048 | |
| 13 | AE | AE | AE | BF | AE | 0 | | |
| 14 | AE | AE | AE | BF | AE | AE | AE | AE | AE | AE | .033 | .036 | .034 | .034 | .036 | .038 | .040 | .039 | .038 | .038 | .039 | .040 | .040 | .040 | 14 | .040 | |
| 15 | .039 | .039 | .040 | BF | .039 | .040 | .041 | .041 | .041 | .041 | .042 | .043 | .044 | .044 | .044 | .045 | .044 | .043 | .042 | .042 | .040 | .039 | .038 | .037 | 23 | .045 | |
| 16 | .037 | AE | .035 | BF | .036 | .036 | .035 | .035 | .037 | .039 | .041 | .043 | .045 | .047 | .048 | .049 | .049 | .049 | .047 | .044 | .040 | .042 | .042 | .038 | 22 | .049 | |
| 17 | AE | .034 | AE | BF | .027 | AE | AE | .022 | AE | .044 | AE | AE | AE | AE | AE | AE | .051 | AE | AE | AE | AE | .046 | AE | AE | 7 | .051 | |
| 18 | .033 | AE | AE | BF | .033 | .033 | .030 | AE | .036 | .037 | AE | .041 | .036 | .036 | .034 | 10 | .041 |
| 19 | .032 | .030 | .026 | BF | .022 | .020 | .020 | .020 | .025 | .029 | .032 | .035 | .036 | AE | AE | AE | AE | AE | AE | .035 | .034 | .033 | .031 | AE | 16 | .036 | |
| 20 | .029 | .028 | .029 | AE | .027 | AE | AE | .027 | .032 | .034 | .035 | .034 | .035 | .042 | .045 | .044 | .047 | .044 | .043 | .042 | .036 | .037 | .034 | .035 | 21 | .047 | |
| 21 | .038 | .039 | .037 | BF | .035 | .033 | .030 | .032 | .034 | .040 | .045 | .050 | .051 | .051 | .052 | .052 | .051 | .050 | .047 | .045 | .044 | .042 | .041 | .040 | 23 | .052 | |
| 22 | .041 | .037 | .037 | BF | .039 | .038 | .036 | .036 | .040 | .044 | .045 | .046 | .048 | .051 | .053 | .052 | .051 | .050 | .047 | .047 | .042 | .045 | .044 | .042 | 23 | .053 | |
| 23 | .041 | .042 | .041 | BF | .038 | .036 | .036 | .033 | .039 | .044 | BA | BA | .048 | .050 | .051 | .053 | .053 | .052 | .046 | .040 | .041 | .037 | .039 | .037 | 21 | .053 | |
| 24 | .041 | .039 | .038 | BF | .036 | .033 | .031 | .036 | .041 | .043 | .044 | .047 | .048 | .049 | .051 | .052 | .053 | .051 | .048 | .046 | .044 | .041 | .041 | .042 | 23 | .053 | |
| 25 | .040 | .040 | .039 | BF | .040 | .038 | .036 | .034 | .036 | .042 | .046 | .048 | .050 | .050 | .050 | .052 | .050 | .047 | .044 | .040 | .040 | .037 | .034 | .032 | 23 | .052 | |
| 26 | .037 | .037 | .034 | BF | .026 | .026 | .025 | .025 | .028 | .034 | .040 | .043 | .044 | .041 | .043 | .043 | .043 | .038 | .030 | .023 | .018 | .019 | .022 | .028 | 23 | .044 | |
| 27 | .034 | .036 | .035 | BF | .031 | .032 | .031 | .029 | .031 | .035 | .038 | .037 | .040 | .043 | .045 | .045 | .047 | .046 | .042 | .039 | .036 | .034 | .035 | .035 | 23 | .047 | |
| 28 | .034 | .033 | .033 | BF | .030 | .036 | .034 | .037 | .039 | .040 | .044 | .046 | .051 | .053 | .052 | .048 | .053 | .052 | .049 | .050 | .047 | .047 | .047 | .047 | 23 | .053 | |
| 29 | .046 | .045 | .043 | BF | .039 | .037 | .035 | .037 | .035 | .035 | .039 | .042 | .043 | .045 | .046 | .047 | .048 | .048 | .044 | .038 | .036 | .033 | .032 | .033 | 23 | .048 | |
| 30 | .033 | .030 | .028 | BF | .029 | .029 | .029 | .030 | .033 | .035 | .036 | .038 | .039 | .044 | .047 | .048 | .047 | .045 | .043 | .040 | .039 | .039 | .040 | .042 | 23 | .048 | |
| 31 | .043 | .042 | .041 | BF | .037 | .035 | .034 | .032 | .034 | .037 | .043 | .046 | .047 | .049 | .049 | .042 | .037 | .035 | .037 | .035 | .031 | .030 | .027 | .026 | 23 | .049 | |
| NO.: | 22 | 21 | 21 | | 23 | 21 | 21 | 22 | 22 | 23 | 21 | 22 | 23 | 22 | 25 | 27 | 28 | 27 | 27 | 27 | 29 | 28 | 26 | 25 | | | |
| MAX: | .046 | .045 | .043 | | .043 | .043 | .043 | .043 | .043 | .045 | .046 | .050 | .052 | .054 | .055 | .055 | .055 | .053 | .052 | .051 | .048 | .048 | .048 | .047 | | | |
| AVG: | .0374 | .0375 | .0368 | | .0345 | .0345 | .0332 | .0330 | .0357 | .0386 | .0405 | .0425 | .0443 | .0461 | .0469 | .0470 | .0474 | .0460 | .0430 | .0406 | .0390 | .0376 | .0373 | .0368 | | | |

MONTHLY OBSERVATIONS: 553 MONTHLY MEAN: .0401 MONTHLY MAX: .055

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-033-0001 POC: 1
 COUNTY: (033) Caswell
 CITY: (00000) Not in a city
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.307033
 LONGITUDE: -79.467417
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 241
 PROBE HEIGHT: 3.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .024 | .024 | .022 | BF | .022 | .022 | .023 | .027 | .033 | .034 | .037 | .039 | .040 | .041 | .042 | .043 | .044 | .044 | .042 | .036 | .030 | .030 | .030 | .030 | 23 | .044 | |
| 2 | .031 | .031 | .029 | BF | .026 | .024 | .022 | .026 | .030 | .032 | .033 | .036 | .038 | .042 | .044 | .044 | .043 | .045 | .040 | .039 | .036 | .036 | .030 | .028 | 23 | .045 | |
| 3 | .033 | .035 | .034 | BF | .036 | .035 | .034 | .034 | .036 | .035 | .037 | .041 | .044 | .046 | .046 | .042 | .039 | .045 | .040 | .036 | .034 | .035 | .034 | .035 | 23 | .046 | |
| 4 | .034 | .034 | .033 | BF | .031 | .030 | .028 | .027 | .028 | .033 | .042 | .046 | .049 | .051 | .052 | .053 | .054 | .053 | .052 | .051 | .049 | .048 | .049 | .047 | 23 | .054 | |
| 5 | .046 | .033 | .039 | BF | .043 | .039 | .030 | .035 | .044 | .046 | .046 | .048 | .048 | .048 | .047 | .043 | .040 | .043 | .040 | .037 | .038 | .041 | .040 | .039 | 23 | .048 | |
| 6 | .036 | .034 | .034 | BF | .028 | .028 | .027 | .029 | .030 | .038 | .035 | .034 | .036 | .039 | .037 | .036 | .036 | .035 | .034 | .035 | .034 | .034 | .032 | .034 | 23 | .039 | |
| 7 | .036 | .037 | .038 | BF | .040 | .039 | .039 | .038 | .037 | .037 | .038 | .040 | .041 | .041 | .042 | .043 | .042 | .040 | .041 | .042 | .043 | .042 | .039 | .036 | 23 | .043 | |
| 8 | .030 | .033 | .029 | BF | .034 | .035 | .034 | .035 | .043 | .046 | .048 | .051 | .052 | .052 | .053 | .054 | .055 | .055 | .054 | .052 | .049 | .047 | .050 | .052 | 23 | .055 | |
| 9 | .047 | .040 | .033 | BF | .042 | .042 | .040 | .040 | .042 | .047 | .052 | .055 | .057 | .059 | .060 | .062 | .063 | .060 | .057 | .053 | .052 | .048 | .043 | .040 | 23 | .063 | |
| 10 | .039 | .045 | .046 | BF | .044 | .039 | .039 | .043 | .048 | .053 | .055 | .056 | .058 | .058 | .058 | .059 | .060 | .058 | .055 | .053 | .050 | .046 | .043 | .043 | 23 | .060 | |
| 11 | .041 | .039 | .038 | BF | .036 | .036 | .035 | .036 | .039 | .046 | .049 | .053 | .057 | .060 | .063 | .062 | .061 | .058 | .055 | .050 | .048 | .046 | .045 | .044 | 23 | .063 | |
| 12 | .040 | .039 | .037 | BF | .034 | .027 | .026 | .030 | .033 | .036 | .045 | .052 | .055 | .057 | .057 | .057 | .056 | .055 | .051 | .044 | .043 | .047 | .040 | .041 | 23 | .057 | |
| 13 | .042 | .041 | .041 | BF | .034 | .032 | .031 | .036 | .043 | .046 | .053 | .057 | .058 | .060 | .060 | .061 | .059 | .057 | .056 | .052 | .052 | .051 | .050 | .047 | 23 | .061 | |
| 14 | .046 | .045 | .044 | BF | .040 | .035 | .032 | .040 | .046 | .047 | .048 | .049 | .051 | .054 | .056 | .057 | .058 | .056 | .049 | .040 | .036 | .030 | .033 | .031 | 23 | .058 | |
| 15 | .025 | .031 | .034 | BF | .023 | .021 | .024 | .027 | .034 | .043 | .048 | .051 | .055 | .056 | .055 | .056 | .054 | .052 | .050 | .051 | .051 | .049 | .047 | .046 | 23 | .056 | |
| 16 | .045 | .045 | .044 | BF | .042 | .041 | .042 | .043 | .045 | .049 | .049 | .052 | .052 | .053 | .052 | .053 | .053 | .052 | .051 | .049 | .046 | .041 | .041 | .041 | 23 | .053 | |
| 17 | .038 | .036 | .039 | BF | .037 | .036 | .035 | .035 | .035 | .038 | .045 | .051 | .053 | .053 | .048 | .040 | .039 | .034 | .028 | .024 | .027 | .033 | .033 | .029 | 23 | .053 | |
| 18 | .027 | .026 | .023 | BF | .019 | .025 | .026 | .029 | .032 | .034 | .034 | .037 | .041 | .044 | .046 | .049 | .048 | .045 | .045 | .045 | .045 | .046 | .045 | .044 | 23 | .049 | |
| 19 | .045 | .042 | .036 | BF | .032 | .031 | .027 | .026 | .029 | .029 | .027 | .025 | .024 | .024 | .024 | .025 | .025 | .023 | .024 | .023 | .021 | .020 | .019 | .017 | 23 | .045 | |
| 20 | .018 | .022 | .021 | BF | .021 | .021 | .019 | .019 | .023 | BA | BA | .038 | .043 | .050 | .054 | .056 | .055 | .047 | .039 | .036 | .043 | .040 | .035 | .033 | 21 | .056 | |
| 21 | .025 | .023 | .025 | BF | .022 | .021 | .019 | .023 | .028 | .031 | .040 | .043 | .047 | .049 | .049 | .036 | .029 | .026 | .018 | .019 | .017 | .028 | .025 | .019 | 23 | .049 | |
| 22 | .028 | .033 | .026 | BF | .035 | .025 | .020 | .019 | .023 | .027 | .035 | .039 | .045 | .046 | .045 | .041 | .034 | .029 | .027 | .028 | .028 | .035 | .034 | .036 | 23 | .046 | |
| 23 | .033 | .028 | .024 | BF | .025 | .024 | .024 | .022 | .021 | .018 | .018 | .017 | .016 | .017 | .022 | .024 | .023 | .022 | .020 | .019 | .021 | .025 | .022 | 23 | .033 | | |
| 24 | .020 | .021 | .022 | BF | .023 | .023 | .024 | .026 | .027 | .027 | .026 | .025 | .026 | .026 | .025 | .023 | .021 | .020 | .020 | .021 | .022 | .022 | .023 | .025 | 23 | .027 | |
| 25 | .027 | .026 | .026 | BF | .026 | .027 | .026 | .026 | .026 | .026 | .027 | .029 | .029 | .029 | .030 | .028 | .029 | .028 | .027 | .026 | .022 | .018 | .014 | .012 | 23 | .030 | |
| 26 | .009 | .009 | .009 | BF | .005 | .001 | .008 | .017 | .022 | .025 | .030 | .033 | .041 | .044 | .047 | .052 | .047 | .042 | .037 | .027 | .020 | .017 | .021 | .017 | 23 | .052 | |
| 27 | .019 | .023 | .027 | BF | .026 | .025 | .025 | .031 | .036 | .040 | .048 | .054 | .059 | .057 | .053 | .050 | .046 | .042 | .040 | .037 | .033 | .030 | .022 | .016 | 23 | .059 | |
| 28 | .016 | .014 | .016 | BF | .012 | .013 | .014 | .018 | .021 | .031 | .037 | .044 | .053 | .049 | .044 | .043 | .042 | .041 | .038 | .029 | .030 | .033 | .033 | .030 | 23 | .053 | |
| 29 | .029 | .028 | .025 | BF | .025 | .026 | .025 | .024 | .023 | .024 | .026 | .029 | .030 | .031 | .032 | .032 | .033 | .035 | .032 | .028 | .027 | .026 | .024 | .024 | 23 | .035 | |
| 30 | .021 | .019 | .017 | BF | .014 | .015 | .016 | .018 | .021 | .023 | .024 | .025 | .026 | .027 | .027 | .026 | .025 | .024 | .024 | .023 | .021 | .019 | .017 | .019 | 23 | .027 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .047 | .045 | .046 | | .044 | .042 | .042 | .043 | .048 | .053 | .055 | .057 | .059 | .060 | .063 | .062 | .063 | .060 | .057 | .053 | .052 | .051 | .050 | .052 | | | |
| AVG: | .0317 | .0312 | .0304 | | .0292 | .0279 | .0271 | .0293 | .0326 | .0359 | .0390 | .0417 | .0442 | .0454 | .0455 | .0449 | .0438 | .0422 | .0396 | .0369 | .0355 | .0353 | .0339 | .0326 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0363 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-033-0001 POC: 1
 COUNTY: (033) Caswell
 CITY: (00000) Not in a city
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.307033
 LONGITUDE: -79.467417
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 241
 PROBE HEIGHT: 3.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .019 | .020 | .019 | BF | .020 | .020 | .020 | .021 | .023 | .022 | .022 | .023 | .025 | .026 | .027 | .027 | .029 | AI | AI | .027 | .025 | .025 | .027 | .028 | 21 | .029 |
| 2 | .028 | .027 | .026 | BF | .030 | .038 | .040 | .044 | .047 | .047 | .049 | .049 | .050 | .051 | .051 | .051 | .052 | .053 | .050 | .047 | .044 | .042 | .040 | .039 | 23 | .053 |
| 3 | .036 | .035 | .036 | BF | .035 | .037 | .036 | .036 | .043 | .048 | .048 | .049 | .050 | .050 | .051 | .051 | .052 | .050 | .039 | .037 | .037 | .039 | .042 | .042 | 23 | .052 |
| 4 | .039 | .036 | .038 | BF | .029 | .024 | .024 | .026 | .032 | .041 | .045 | .053 | .054 | .053 | .049 | .041 | .037 | .033 | .029 | .027 | .028 | .028 | .031 | .033 | 23 | .054 |
| 5 | .032 | .025 | .021 | BF | .042 | .035 | .032 | .032 | .031 | .037 | .040 | .043 | .043 | .043 | .042 | .043 | .045 | .042 | .038 | .035 | .034 | .031 | .030 | .028 | 23 | .045 |
| 6 | .027 | .025 | .023 | BF | .021 | .020 | .020 | .028 | .032 | .033 | .035 | .037 | .040 | .043 | .044 | .043 | .041 | .039 | .039 | .036 | .033 | .034 | .033 | .031 | 23 | .044 |
| 7 | .030 | .031 | .030 | BF | .027 | .025 | .025 | .027 | .031 | .038 | .040 | .040 | .043 | .045 | .047 | .047 | .048 | .048 | .050 | .047 | .044 | .041 | .039 | .042 | 23 | .050 |
| 8 | .040 | .032 | .034 | BF | .036 | .032 | .029 | .031 | .045 | .053 | .053 | .054 | .057 | .058 | .059 | .060 | .059 | .056 | .047 | .039 | .037 | .030 | .037 | .037 | 23 | .060 |
| 9 | .041 | .044 | .040 | BF | .028 | .033 | .028 | .029 | .026 | .024 | .027 | .029 | .027 | .032 | .037 | .038 | .033 | .024 | .022 | .017 | .014 | .012 | .011 | .012 | 23 | .044 |
| 10 | .014 | .017 | .015 | BF | .013 | .014 | .018 | .023 | .031 | .038 | .043 | .049 | .053 | .056 | .063 | .064 | .060 | .056 | .056 | .056 | .058 | .059 | .060 | .056 | 23 | .064 |
| 11 | .047 | .035 | .026 | BF | .018 | .023 | .023 | .021 | .018 | .018 | .024 | .038 | .045 | .048 | .051 | .053 | .050 | .045 | .042 | .044 | .035 | .018 | .021 | .030 | 23 | .053 |
| 12 | .035 | .037 | .027 | BF | .035 | .033 | .031 | .031 | .032 | .031 | .030 | .030 | .027 | .025 | .024 | .022 | .021 | .019 | .018 | .017 | .016 | .016 | .016 | .020 | 23 | .037 |
| 13 | .021 | .021 | .024 | BF | .022 | .020 | .022 | .024 | .024 | .026 | .026 | .024 | .024 | .026 | .028 | .028 | .029 | .028 | .024 | .014 | .012 | .009 | .010 | .010 | 23 | .029 |
| 14 | .011 | .009 | .008 | BF | .015 | .015 | .026 | .027 | .032 | .038 | .045 | .051 | .053 | .054 | .053 | .053 | .055 | .053 | .051 | .049 | .047 | .046 | .044 | .042 | 23 | .055 |
| 15 | .034 | .040 | .043 | BF | .039 | .037 | .039 | .039 | .046 | .044 | .050 | .052 | .053 | .055 | .055 | .054 | .047 | .040 | .044 | .030 | .038 | .036 | .040 | 23 | .055 | |
| 16 | .038 | .037 | .030 | BF | .030 | .026 | .023 | .023 | .037 | .041 | .046 | .049 | .051 | .054 | .059 | .065 | .071 | .064 | .048 | .039 | .033 | .034 | .030 | .029 | 23 | .071 |
| 17 | .032 | .027 | .033 | BF | .028 | .029 | .026 | .040 | .048 | .054 | .056 | .060 | .066 | .068 | .066 | .061 | .058 | .056 | .051 | .047 | .042 | .041 | .043 | .045 | 23 | .068 |
| 18 | .044 | .042 | .042 | BF | .037 | .035 | .033 | .033 | .034 | .040 | .044 | .048 | .052 | .050 | .051 | .052 | .049 | .047 | .044 | .040 | .037 | .035 | .032 | .032 | 23 | .052 |
| 19 | .033 | .034 | .035 | BF | .032 | .030 | .029 | .030 | .032 | .039 | .047 | .049 | .050 | .052 | .053 | .043 | .033 | .029 | .024 | .016 | .016 | .008 | .007 | .009 | 23 | .053 |
| 20 | .008 | .008 | .006 | BF | .012 | .007 | .012 | .019 | .028 | .035 | .038 | .039 | .040 | .040 | .040 | .040 | .039 | .039 | .041 | .037 | .035 | .036 | .034 | .033 | 23 | .041 |
| 21 | .031 | .026 | .025 | BF | .022 | .021 | .020 | .018 | .019 | .020 | .020 | .020 | .019 | .020 | .020 | .020 | .018 | .016 | .013 | .012 | .013 | .012 | .011 | .012 | 23 | .031 |
| 22 | .011 | .011 | .012 | BF | .018 | .017 | .016 | .014 | .016 | BA | BA | .025 | .028 | .029 | .027 | .029 | .029 | .022 | .015 | .014 | .009 | .006 | .006 | .010 | 21 | .029 |
| 23 | .026 | .032 | .026 | BF | .020 | .022 | .024 | .023 | .030 | .027 | .029 | .025 | .021 | .020 | .020 | .018 | .019 | .030 | .026 | .025 | .023 | .022 | .022 | .022 | 23 | .032 |
| 24 | .021 | .021 | .020 | BF | .022 | .022 | .021 | .020 | .018 | .017 | .016 | .014 | .017 | .023 | .024 | .022 | .022 | .030 | .033 | .030 | .029 | .029 | .027 | .025 | 23 | .033 |
| 25 | .028 | .047 | .047 | BF | .030 | .029 | .031 | .032 | .032 | .035 | .036 | .032 | .038 | .043 | .045 | .042 | .038 | .039 | .038 | .039 | .040 | .039 | .037 | .036 | 23 | .047 |
| 26 | .035 | .033 | .034 | BF | .034 | .034 | .031 | .033 | .038 | .045 | .048 | .049 | .051 | .052 | .054 | .055 | .055 | .053 | .051 | .041 | .035 | .027 | .026 | .031 | 23 | .055 |
| 27 | .039 | .038 | .035 | BF | .019 | .010 | .014 | .029 | .028 | .046 | .053 | .050 | .053 | .052 | .049 | .048 | .044 | .041 | .038 | .042 | .044 | .044 | .040 | .043 | 23 | .053 |
| 28 | .046 | .042 | .036 | BF | .025 | .021 | .022 | .028 | .035 | .041 | .043 | .045 | .046 | .053 | .050 | .045 | .042 | .046 | .043 | .040 | .038 | .036 | .036 | .036 | 23 | .053 |
| 29 | .035 | .035 | .036 | BF | .039 | .038 | .035 | .029 | .030 | .042 | .043 | .041 | .045 | .047 | .046 | .047 | .044 | .041 | .037 | .040 | .036 | .025 | .018 | .017 | 23 | .047 |
| 30 | .022 | .026 | .023 | BF | .019 | .019 | .017 | .020 | .025 | .030 | .035 | .039 | .037 | .037 | .043 | .047 | .051 | .052 | .045 | .040 | .036 | .031 | .029 | .027 | 23 | .052 |
| 31 | .030 | .029 | .034 | BF | .031 | .026 | .020 | .025 | .027 | .040 | .047 | .049 | .051 | .051 | .053 | .052 | .046 | .045 | .043 | .046 | .043 | .039 | .035 | .026 | 23 | .053 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .047 | .047 | .047 | | .042 | .038 | .040 | .044 | .048 | .054 | .056 | .060 | .066 | .068 | .066 | .065 | .071 | .064 | .056 | .056 | .058 | .059 | .060 | .056 | | |
| AVG: | .0301 | .0297 | .0288 | | .0267 | .0255 | .0254 | .0276 | .0313 | .0363 | .0393 | .0405 | .0422 | .0437 | .0445 | .0439 | .0427 | .0412 | .0380 | .0352 | .0325 | .0302 | .0294 | .0298 | | |

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .0345 MONTHLY MAX: .071

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-033-0001 POC: 1
 COUNTY: (033) Caswell
 CITY: (00000) Not in a city
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.307033
 LONGITUDE: -79.467417
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 241
 PROBE HEIGHT: 3.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .017 | .020 | .019 | BF | .025 | .026 | .025 | .026 | .033 | .039 | .046 | .049 | .052 | .051 | .047 | .048 | .045 | .045 | .041 | .024 | .025 | .031 | .027 | .021 | 23 | .052 |
| 2 | .028 | .026 | .024 | BF | .021 | .017 | .020 | .027 | .040 | .049 | .055 | .055 | .057 | .056 | .058 | .059 | .058 | .057 | .051 | .041 | .036 | .029 | .030 | .026 | 23 | .059 |
| 3 | .028 | .036 | .035 | BF | .023 | .024 | .024 | .028 | .034 | .035 | .042 | .049 | .052 | .055 | .056 | .056 | .056 | .052 | .044 | .034 | .032 | .030 | .028 | .038 | 23 | .056 |
| 4 | .035 | .030 | .030 | BF | .027 | .025 | .024 | .028 | .041 | .046 | .053 | .053 | .049 | .042 | .042 | .039 | .041 | .042 | .038 | .039 | .035 | .033 | .034 | .034 | 23 | .053 |
| 5 | .030 | .027 | .028 | BF | .029 | .030 | .032 | .029 | .025 | .022 | .023 | .025 | .031 | .031 | .029 | .030 | .036 | .038 | .035 | .036 | .034 | .030 | .027 | .025 | 23 | .038 |
| 6 | .023 | .020 | .017 | BF | .015 | .014 | .016 | .022 | .032 | .039 | .045 | .048 | .049 | .051 | .053 | .049 | .043 | .036 | .031 | .029 | .030 | .032 | .034 | .033 | 23 | .053 |
| 7 | .032 | .028 | .025 | BF | .021 | .019 | .020 | .026 | .031 | .034 | .037 | .038 | .040 | .041 | .040 | .040 | .039 | .034 | .036 | .036 | .034 | .033 | .032 | .033 | 23 | .041 |
| 8 | .030 | .027 | .027 | BF | .023 | .021 | .019 | .024 | .030 | .032 | .034 | .036 | .037 | .039 | .040 | .040 | .039 | .038 | .036 | .025 | .021 | .021 | .018 | .019 | 23 | .040 |
| 9 | .025 | .025 | .027 | BF | .023 | .024 | .024 | .028 | .029 | .036 | .045 | .048 | .048 | .047 | .047 | .048 | .049 | .051 | .050 | .033 | .027 | .024 | .021 | .016 | 23 | .051 |
| 10 | .014 | .011 | .018 | BF | .014 | .008 | .017 | .027 | .036 | .046 | .053 | .055 | .059 | .062 | .061 | .061 | .060 | .059 | .057 | .047 | .032 | .028 | .025 | .032 | 23 | .062 |
| 11 | .033 | .032 | .034 | BF | .023 | .020 | .023 | .032 | .039 | .043 | .045 | .047 | .046 | .049 | .053 | .055 | .051 | .049 | .046 | .045 | .035 | .032 | .025 | .024 | 23 | .055 |
| 12 | .025 | .023 | .025 | BF | .024 | .020 | .022 | .029 | .031 | .034 | .038 | .042 | .043 | .045 | .047 | .053 | .054 | .050 | .046 | .043 | .038 | .035 | .032 | .030 | 23 | .054 |
| 13 | .024 | .022 | .017 | BF | .012 | .013 | .016 | .021 | .025 | .036 | .049 | .054 | .057 | .057 | .060 | .051 | .046 | .036 | .034 | .033 | .030 | .028 | .029 | .029 | 23 | .060 |
| 14 | .030 | .020 | .019 | BF | .016 | .016 | .019 | .022 | .028 | .037 | .041 | .042 | .042 | .044 | .047 | .047 | .050 | .048 | .038 | .048 | .045 | .036 | .026 | .022 | 23 | .050 |
| 15 | .020 | .014 | .008 | BF | .006 | .010 | .016 | .029 | .036 | .040 | .039 | .042 | .041 | .040 | .040 | .041 | .045 | .051 | .041 | .031 | .029 | .031 | .025 | .018 | 23 | .051 |
| 16 | .028 | .034 | .032 | BF | .026 | .020 | .027 | .028 | .034 | .027 | .021 | .026 | .035 | .043 | .047 | .050 | .052 | .048 | .035 | .031 | .034 | .039 | .030 | .023 | 23 | .052 |
| 17 | .022 | .017 | .015 | BF | .013 | .011 | .012 | .012 | .017 | .023 | .027 | .029 | .034 | .036 | .039 | .032 | .035 | .035 | .032 | .029 | .031 | .035 | .031 | .025 | 23 | .039 |
| 18 | .025 | .024 | .023 | BF | .021 | .019 | .019 | .022 | .023 | .029 | .032 | .032 | .032 | .031 | .032 | .032 | .033 | .030 | .027 | .025 | .022 | .019 | .022 | .040 | 23 | .040 |
| 19 | .041 | .036 | .029 | BF | .021 | .015 | .012 | .013 | .017 | .022 | .027 | .029 | .031 | .031 | .033 | .033 | .030 | .032 | .025 | .024 | .028 | .027 | .030 | .033 | 23 | .041 |
| 20 | .031 | .030 | .029 | BF | .023 | .018 | .016 | .013 | .015 | .020 | .026 | .034 | .040 | .042 | .041 | .046 | .044 | .035 | .030 | .023 | .028 | .031 | .036 | .032 | 23 | .046 |
| 21 | .029 | .026 | .024 | BF | .018 | .015 | .014 | .017 | .023 | BA | BA | .041 | .043 | .048 | .052 | .050 | .051 | .051 | .038 | .033 | .031 | .028 | .024 | .020 | 21 | .052 |
| 22 | .016 | .010 | .009 | BF | .004 | .002 | .002 | .005 | .009 | .026 | .040 | .042 | .034 | .034 | .028 | .026 | .022 | .020 | .019 | .017 | .015 | .013 | .011 | .009 | 23 | .042 |
| 23 | .007 | .006 | .010 | BF | .010 | .009 | .012 | .011 | .012 | .017 | .021 | .026 | .027 | .029 | .029 | .029 | .026 | .024 | .022 | .019 | .019 | .020 | .019 | .019 | 23 | .029 |
| 24 | .022 | .021 | .019 | BF | .022 | .021 | .018 | .020 | .028 | .034 | .036 | .044 | .043 | .040 | .035 | .021 | .025 | .027 | .026 | .020 | .018 | .015 | .016 | .013 | 23 | .044 |
| 25 | .011 | .004 | .004 | BF | .002 | .005 | .010 | .014 | .019 | .026 | .027 | .032 | .035 | .036 | .036 | .027 | .020 | .020 | .023 | .021 | .022 | .018 | .017 | .015 | 23 | .036 |
| 26 | .018 | .020 | .019 | BF | .026 | .022 | .021 | .023 | .030 | .038 | .044 | .047 | .046 | .048 | .047 | .048 | .048 | .049 | .047 | .033 | .032 | .032 | .027 | .031 | 23 | .049 |
| 27 | .031 | .027 | .025 | BF | .020 | .018 | .019 | .023 | .028 | .037 | .041 | .042 | .042 | .041 | .041 | .038 | .039 | .042 | .039 | .034 | .031 | .021 | .023 | .022 | 23 | .042 |
| 28 | .029 | .024 | .018 | BF | .017 | .015 | .017 | .023 | .029 | .032 | .035 | .038 | .039 | .041 | .043 | .044 | .044 | .042 | .037 | .030 | .028 | .023 | .022 | .023 | 23 | .044 |
| 29 | .019 | .019 | .026 | BF | .027 | .023 | .023 | .028 | .037 | .049 | .057 | .060 | .057 | .052 | .053 | .051 | .051 | .050 | .048 | .042 | .042 | .045 | .040 | .038 | 23 | .060 |
| 30 | .039 | .038 | .034 | BF | .026 | .022 | .022 | .024 | .029 | .030 | .032 | .031 | .029 | .027 | .027 | .025 | .022 | .019 | .018 | .017 | .015 | .013 | .013 | .014 | 23 | .039 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | |
| MAX: | .041 | .038 | .035 | | .029 | .030 | .032 | .032 | .041 | .049 | .057 | .060 | .059 | .062 | .061 | .061 | .060 | .059 | .057 | .048 | .045 | .045 | .040 | .040 | | |
| AVG: | .0254 | .0232 | .0223 | | .0193 | .0174 | .0187 | .0225 | .0280 | .0337 | .0383 | .0412 | .0423 | .0430 | .0434 | .0423 | .0418 | .0403 | .0363 | .0314 | .0293 | .0277 | .0258 | .0252 | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0312 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-033-0001 POC: 1
 COUNTY: (033) Caswell
 CITY: (00000) Not in a city
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.307033
 LONGITUDE: -79.467417
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 241
 PROBE HEIGHT: 3.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .014 | .012 | .011 | BF | .010 | .008 | .008 | .009 | .010 | .015 | .024 | .028 | .031 | .035 | .036 | .029 | .025 | .031 | .033 | .032 | .031 | .029 | .028 | .025 | 23 | .036 | |
| 2 | .022 | .019 | .015 | BF | .010 | .010 | .012 | .017 | .024 | .031 | .037 | .037 | .034 | .040 | .041 | .039 | .035 | .035 | .035 | .029 | .033 | .032 | .028 | .022 | 23 | .041 | |
| 3 | .019 | .018 | .018 | BF | .019 | .018 | .019 | .019 | .021 | .031 | .040 | .044 | .043 | .042 | .040 | .041 | .037 | .035 | .026 | .022 | .032 | .032 | .036 | .035 | .032 | 23 | .044 |
| 4 | .028 | .022 | .018 | BF | .007 | .007 | .008 | .017 | .033 | .036 | .037 | .040 | .042 | .045 | .047 | .045 | .038 | .029 | .022 | .032 | .037 | .031 | .028 | .025 | 23 | .047 | |
| 5 | .019 | .012 | .010 | BF | .007 | .011 | .014 | .012 | .015 | .027 | .035 | .036 | .041 | .022 | .026 | .035 | .035 | .034 | .028 | .033 | .032 | .027 | .021 | .015 | 23 | .041 | |
| 6 | .013 | .012 | .009 | BF | .003 | .003 | .008 | .015 | .021 | .027 | .030 | .038 | .043 | .040 | .035 | .031 | .030 | .033 | .026 | .030 | .030 | .028 | .025 | .024 | 23 | .043 | |
| 7 | .019 | .017 | .015 | BF | .011 | .010 | .011 | .018 | .026 | .035 | .035 | .037 | .038 | .039 | .038 | .048 | .046 | .042 | .039 | .033 | .025 | .032 | .035 | .032 | 23 | .048 | |
| 8 | .027 | .020 | .023 | BF | .016 | .012 | .018 | .024 | .032 | .038 | .042 | .047 | .052 | .042 | .052 | .055 | .052 | .044 | .041 | .044 | .036 | .030 | .019 | .016 | 23 | .055 | |
| 9 | .016 | .015 | .011 | BF | .006 | .006 | .008 | .015 | .023 | .031 | .036 | .039 | .042 | .041 | .041 | .042 | .043 | .042 | .035 | .025 | .017 | .015 | .015 | .009 | 23 | .043 | |
| 10 | .008 | .006 | .008 | BF | .006 | .002 | .003 | .022 | .030 | .037 | .041 | BA | BA | .049 | .050 | .048 | .056 | .047 | .036 | .035 | .035 | .034 | .030 | .027 | 21 | .056 | |
| 11 | .025 | .024 | .018 | BF | .016 | .015 | .016 | .019 | .027 | .036 | .043 | .047 | .053 | .066 | .059 | .057 | .056 | .051 | .040 | .037 | .037 | .034 | .029 | .026 | 23 | .066 | |
| 12 | .025 | .024 | .022 | BF | .010 | .012 | .017 | .022 | .031 | .045 | .054 | .058 | .058 | .058 | .057 | .054 | .049 | .040 | .037 | .043 | .036 | .033 | .027 | .023 | 23 | .058 | |
| 13 | .027 | .026 | .026 | BF | .020 | .015 | .016 | .022 | .033 | .044 | .050 | .051 | .054 | .052 | .052 | .050 | .045 | .042 | .036 | .027 | .019 | .021 | .020 | .020 | 23 | .054 | |
| 14 | .021 | .020 | .012 | BF | .008 | .013 | .015 | .021 | .030 | .038 | .044 | .047 | .049 | .046 | .046 | .052 | .047 | .038 | .026 | .016 | .013 | .014 | .015 | .014 | 23 | .052 | |
| 15 | .019 | .019 | .018 | BF | .013 | .013 | .017 | .018 | .023 | .032 | .036 | .039 | .041 | .042 | .043 | .042 | .041 | .037 | .024 | .015 | .020 | .021 | .021 | .022 | 23 | .043 | |
| 16 | .019 | .014 | .015 | BF | .014 | .014 | .015 | .022 | .026 | .030 | .032 | .036 | .037 | .039 | .042 | .044 | .044 | .038 | .032 | .025 | .027 | .031 | .031 | .029 | 23 | .044 | |
| 17 | .026 | .023 | .018 | BF | .012 | .010 | .007 | .012 | .017 | .030 | .039 | .041 | .042 | .042 | .044 | .044 | .040 | .039 | .039 | .036 | .030 | .027 | .031 | .033 | 23 | .044 | |
| 18 | .029 | .022 | .016 | BF | .008 | .006 | .008 | .015 | .023 | .037 | .044 | .050 | .050 | .051 | .047 | .049 | .046 | .049 | .042 | .046 | .034 | .027 | .020 | .013 | 23 | .051 | |
| 19 | .022 | .023 | .021 | BF | .023 | .019 | .019 | .026 | .030 | .043 | .049 | .054 | .060 | .061 | .058 | .055 | .051 | .049 | .044 | .027 | .023 | .023 | .026 | .026 | 23 | .061 | |
| 20 | .023 | .015 | .021 | BF | .007 | .004 | .010 | .022 | .030 | .035 | .036 | .041 | .044 | .047 | .051 | .051 | .053 | .050 | .037 | .024 | .017 | .017 | .027 | .027 | 23 | .053 | |
| 21 | .034 | .032 | .031 | BF | .024 | .027 | .026 | .024 | .034 | .041 | .047 | .049 | .047 | .048 | .047 | .048 | .048 | .045 | .042 | .033 | .024 | .021 | .023 | .027 | 23 | .049 | |
| 22 | .020 | .014 | .010 | BF | .012 | .011 | .013 | .021 | .029 | .043 | .046 | .049 | .060 | .058 | .054 | .054 | .061 | .067 | .052 | .046 | .042 | .040 | .034 | .032 | 23 | .067 | |
| 23 | .031 | .029 | .029 | BF | .026 | .022 | .023 | .028 | .031 | .039 | .047 | .053 | .060 | .056 | .055 | .058 | .057 | .048 | .045 | .041 | .038 | .036 | .033 | .036 | 23 | .060 | |
| 24 | .037 | .030 | .024 | BF | .017 | .016 | .017 | .017 | .022 | .032 | .042 | .044 | .047 | .050 | .054 | .053 | .049 | .051 | .044 | .032 | .041 | .037 | .031 | .032 | 23 | .054 | |
| 25 | .029 | .030 | .029 | BF | .020 | .018 | .019 | .026 | .038 | .049 | .051 | .051 | .050 | .052 | .052 | .052 | .050 | .046 | .035 | .032 | .034 | .039 | .037 | 23 | .052 | | |
| 26 | .029 | .031 | .033 | BF | .039 | .035 | .027 | .028 | .033 | .037 | .041 | .043 | .046 | .047 | .048 | .056 | .055 | .056 | .047 | .039 | .036 | .034 | .025 | .020 | 23 | .056 | |
| 27 | .021 | .020 | .029 | BF | .023 | .023 | .027 | .028 | AZ | .040 | .048 | .051 | .051 | .050 | .051 | .052 | .048 | .035 | .037 | .027 | .022 | .017 | .017 | .019 | 22 | .052 | |
| 28 | .015 | .015 | .013 | BF | .008 | .006 | .004 | .011 | .023 | .032 | .039 | .046 | .051 | .052 | .050 | .046 | .032 | .030 | .019 | .023 | .016 | .017 | .016 | .012 | 23 | .052 | |
| 29 | .011 | .010 | .011 | BF | .008 | .016 | .027 | .029 | .035 | .039 | .040 | .040 | .044 | .044 | .042 | .038 | .035 | .034 | .033 | .030 | .026 | .027 | .024 | .021 | 23 | .044 | |
| 30 | .019 | .016 | .014 | BF | .010 | .010 | .013 | .018 | .025 | .030 | .032 | .033 | .033 | .034 | .034 | .034 | .034 | .034 | .032 | .025 | .025 | .024 | .023 | .025 | 23 | .034 | |
| 31 | .022 | .017 | .015 | BF | .012 | .010 | .012 | .018 | .025 | .035 | .043 | .043 | .043 | .042 | .043 | .042 | .043 | .042 | .037 | .032 | .031 | .026 | .026 | .025 | 23 | .043 | |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .037 | .032 | .033 | | .039 | .035 | .027 | .029 | .038 | .049 | .054 | .058 | .060 | .066 | .059 | .058 | .061 | .067 | .052 | .046 | .043 | .040 | .039 | .037 | | | |
| AVG: | .0222 | .0196 | .0182 | | .0137 | .0130 | .0147 | .0198 | .0267 | .0353 | .0406 | .0437 | .0462 | .0462 | .0463 | .0467 | .0448 | .0421 | .0360 | .0312 | .0292 | .0277 | .0261 | .0242 | | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0310 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-033-0001 POC: 1
 COUNTY: (033) Caswell
 CITY: (00000) Not in a city
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.307033
 LONGITUDE: -79.467417
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 241
 PROBE HEIGHT: 3.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .019 | .015 | .017 | BF | .026 | .022 | .024 | .029 | .032 | .041 | .055 | BA | .057 | .052 | .052 | .050 | .050 | .044 | .034 | .035 | .032 | .032 | .027 | .020 | 22 | .057 |
| 2 | .019 | .017 | .016 | BF | .015 | .011 | .010 | .015 | .027 | .037 | .048 | .056 | .060 | .061 | .062 | .058 | .050 | .050 | .050 | .041 | .028 | .026 | .022 | .026 | 23 | .062 |
| 3 | .014 | .015 | .019 | BF | .016 | .009 | .015 | .031 | .044 | .052 | .055 | .055 | .056 | .062 | .061 | .063 | .056 | .049 | .047 | .039 | .030 | .026 | .024 | .021 | 23 | .063 |
| 4 | .019 | .019 | .022 | BF | .012 | .006 | .007 | .018 | .032 | .041 | .052 | .060 | .059 | .052 | .049 | .048 | .051 | .048 | .044 | .038 | .034 | .033 | .031 | .028 | 23 | .060 |
| 5 | .030 | .028 | .024 | BF | .011 | .009 | .010 | .014 | .027 | .033 | .037 | .038 | .040 | .041 | .042 | .040 | .041 | .040 | .037 | .032 | .030 | .029 | .026 | .021 | 23 | .042 |
| 6 | .019 | .018 | .017 | BF | .013 | .017 | .015 | .019 | .028 | .031 | .034 | .037 | .038 | .040 | .042 | .045 | .046 | .044 | .040 | .031 | .033 | .031 | .031 | .028 | 23 | .046 |
| 7 | .024 | .023 | .021 | BF | .017 | .017 | .016 | .014 | .014 | .014 | .015 | .017 | .019 | .020 | .027 | .029 | .027 | .024 | .020 | .020 | .019 | .015 | .014 | .013 | 23 | .029 |
| 8 | .012 | .014 | .019 | BF | .013 | .012 | .018 | .022 | .025 | .027 | .027 | .024 | .028 | .026 | .029 | .033 | .031 | .033 | .022 | .012 | .010 | .010 | .006 | .005 | 23 | .033 |
| 9 | .003 | .004 | .005 | BF | .002 | .003 | .005 | .010 | .021 | .036 | .043 | .050 | .053 | .053 | .055 | .058 | .053 | .051 | .039 | .030 | .023 | .026 | .025 | .019 | 23 | .058 |
| 10 | .015 | .012 | .010 | BF | .004 | .004 | .008 | .019 | .032 | .039 | .044 | .045 | .046 | .047 | .046 | .046 | .047 | .041 | .036 | .032 | .033 | .027 | .028 | .022 | 23 | .047 |
| 11 | .020 | .014 | .013 | BF | .011 | .006 | .009 | .016 | .028 | .038 | .039 | .042 | .042 | .041 | .039 | .034 | .032 | .032 | .029 | .021 | .011 | .010 | .009 | .008 | 23 | .042 |
| 12 | .009 | .013 | .011 | BF | .007 | .006 | .005 | .008 | .011 | .019 | .026 | .028 | .024 | .037 | .037 | .035 | .033 | .029 | .018 | .017 | .014 | .007 | .008 | .012 | 23 | .037 |
| 13 | .024 | .030 | .032 | BF | .019 | .013 | .013 | .014 | .021 | .025 | .039 | .041 | .041 | .039 | .040 | .047 | .042 | .039 | .032 | .022 | .020 | .025 | .026 | .025 | 23 | .047 |
| 14 | .024 | .015 | .014 | BF | .011 | .010 | .010 | .008 | .010 | .018 | .022 | .023 | .018 | .021 | .028 | .027 | .030 | .029 | .020 | .013 | .008 | .012 | .011 | .008 | 23 | .030 |
| 15 | .008 | .025 | .023 | BF | .012 | .006 | .006 | .010 | .021 | .031 | .034 | .041 | .044 | .042 | .046 | .037 | .029 | .027 | .020 | .018 | .015 | .006 | .010 | .008 | 23 | .046 |
| 16 | .008 | .004 | .002 | BF | .002 | .002 | .004 | .010 | .017 | .025 | .031 | .034 | .034 | .032 | .035 | .036 | .046 | .048 | .033 | .022 | .030 | .034 | .023 | .019 | 23 | .048 |
| 17 | .016 | .013 | .010 | BF | .007 | .005 | .009 | .023 | .030 | .034 | .038 | .050 | .056 | .059 | .055 | .050 | .051 | .045 | .030 | .026 | .025 | .024 | .022 | .019 | 23 | .059 |
| 18 | .015 | .012 | .013 | BF | .014 | .012 | .011 | .019 | .027 | .035 | .039 | .040 | .046 | .055 | .057 | .051 | .044 | .041 | .037 | .023 | .020 | .016 | .011 | .008 | 23 | .057 |
| 19 | .006 | .007 | .009 | BF | .012 | .012 | .014 | .021 | .031 | .040 | .043 | .044 | .044 | .045 | .044 | .043 | .043 | .041 | .031 | .020 | .024 | .019 | .016 | .016 | 23 | .045 |
| 20 | .013 | .017 | .010 | BF | .007 | .011 | .011 | .018 | .028 | .033 | .038 | .042 | .052 | .071 | .053 | .052 | .048 | .040 | .029 | .022 | .027 | .025 | .022 | .021 | 23 | .071 |
| 21 | .022 | .021 | .016 | BF | .015 | .010 | .010 | .023 | .026 | .031 | .041 | .047 | .050 | .040 | .033 | .048 | .049 | .044 | .037 | .032 | .024 | .023 | .025 | .025 | 23 | .050 |
| 22 | .022 | .023 | .022 | BF | .012 | .009 | .009 | .015 | .026 | .035 | BA | BA | .058 | .059 | .056 | .052 | .049 | .049 | .044 | .046 | .045 | .041 | .035 | .029 | 21 | .059 |
| 23 | .025 | .022 | .018 | BF | .012 | .008 | .008 | .012 | .026 | .037 | .043 | .044 | .039 | .035 | .032 | .037 | .037 | .035 | .029 | .027 | .027 | .028 | .031 | .029 | 23 | .044 |
| 24 | .026 | .027 | .025 | BF | .022 | .019 | .020 | .023 | .032 | .034 | .043 | .049 | .048 | .045 | .046 | .047 | .049 | .046 | .038 | .029 | .030 | .029 | .025 | .020 | 23 | .049 |
| 25 | .018 | .009 | .011 | BF | .016 | .017 | .019 | .024 | .028 | .035 | .040 | .042 | .045 | .046 | .044 | .045 | .043 | .039 | .034 | .033 | .030 | .033 | .028 | .023 | 23 | .046 |
| 26 | .017 | .015 | .014 | BF | .018 | .019 | .020 | .023 | .027 | .036 | .044 | .045 | .045 | .046 | .048 | .049 | .048 | .046 | .040 | .031 | .033 | .031 | .025 | .021 | 23 | .049 |
| 27 | .020 | .019 | .016 | BF | .012 | .012 | .012 | .017 | .026 | .038 | .043 | .044 | .044 | .046 | .047 | .048 | .048 | .045 | .040 | .037 | .039 | .039 | .037 | .035 | 23 | .048 |
| 28 | .030 | .024 | .023 | BF | .021 | .022 | .022 | .022 | .027 | .033 | .037 | .042 | .042 | .042 | .045 | .044 | .043 | .042 | .041 | .040 | .036 | .032 | .029 | .025 | 23 | .045 |
| 29 | .023 | .025 | .025 | BF | .024 | .025 | .022 | .025 | .030 | .029 | .025 | .024 | .022 | .024 | .024 | .025 | .029 | .028 | .025 | .022 | .015 | .014 | .011 | .009 | 23 | .030 |
| 30 | .008 | .008 | .006 | BF | .007 | .003 | .003 | .013 | .015 | .027 | .032 | .037 | .038 | .045 | .049 | .052 | .053 | .045 | .038 | .033 | .037 | .030 | .024 | .020 | 23 | .053 |
| 31 | .017 | .018 | .023 | BF | .013 | .014 | .014 | .016 | .020 | .025 | .033 | .038 | .039 | .044 | .046 | .037 | .034 | .026 | .024 | .019 | .017 | .013 | .010 | .006 | 23 | .046 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | |
| MAX: | .030 | .030 | .032 | | .026 | .025 | .024 | .031 | .044 | .052 | .055 | .060 | .060 | .071 | .062 | .063 | .056 | .051 | .050 | .046 | .045 | .041 | .037 | .035 | | |
| AVG: | .0176 | .0170 | .0163 | | .0130 | .0113 | .0122 | .0178 | .0255 | .0325 | .0380 | .0407 | .0428 | .0441 | .0442 | .0441 | .0430 | .0400 | .0335 | .0278 | .0258 | .0241 | .0217 | .0190 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0283 MONTHLY MAX: .071

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-033-0001 POC: 1
 COUNTY: (033) Caswell
 CITY: (00000) Not in a city
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.307033
 LONGITUDE: -79.467417
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 241
 PROBE HEIGHT: 3.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .008 | .007 | .007 | BF | .007 | .004 | .004 | .005 | .009 | .010 | .010 | .012 | .018 | .022 | .021 | .021 | .021 | .020 | .019 | .018 | .017 | .018 | .019 | .018 | 23 | .022 | |
| 2 | .019 | .020 | .020 | BF | .019 | .019 | .018 | .017 | .016 | .014 | .013 | .013 | .012 | .013 | .015 | .016 | .016 | .013 | .011 | .010 | .009 | .009 | .007 | .007 | 23 | .020 | |
| 3 | .006 | .006 | .004 | BF | .002 | .004 | .005 | .009 | .017 | .024 | .030 | .032 | .031 | .033 | .036 | .037 | .036 | .034 | .026 | .026 | .019 | .027 | .026 | .020 | 23 | .037 | |
| 4 | .021 | .021 | .018 | BF | .004 | .006 | .003 | .003 | .021 | .030 | .036 | .040 | .046 | .043 | .045 | .047 | .045 | .042 | .038 | .031 | .026 | .028 | .029 | .031 | 23 | .047 | |
| 5 | .023 | .022 | .019 | BF | .019 | .017 | .014 | .019 | .025 | .031 | .042 | .043 | .051 | .053 | .060 | .058 | .053 | .048 | .047 | .045 | .043 | .041 | .038 | .035 | 23 | .060 | |
| 6 | .033 | .033 | .032 | BF | .018 | .016 | .017 | .020 | .026 | .022 | .022 | .023 | .026 | .026 | .027 | .026 | .024 | .024 | .022 | .021 | .017 | .014 | .009 | .008 | 23 | .033 | |
| 7 | .013 | .013 | .012 | BF | .011 | .012 | .014 | .015 | .020 | .028 | .032 | .034 | .034 | .034 | .036 | .036 | .036 | .033 | .023 | .019 | .017 | .012 | .021 | .021 | 23 | .036 | |
| 8 | .016 | .016 | .014 | BF | .012 | .012 | .012 | .015 | .019 | .026 | .030 | .034 | .036 | .036 | .036 | .036 | .036 | .033 | .022 | .024 | .026 | .022 | .025 | .027 | 23 | .036 | |
| 9 | .016 | .013 | .013 | BF | .007 | .009 | .012 | .015 | .022 | .029 | .033 | .037 | .039 | .038 | .038 | .040 | .038 | .036 | .031 | .031 | .029 | .026 | .024 | .022 | 23 | .040 | |
| 10 | .020 | .017 | .014 | BF | .015 | .016 | .015 | .016 | .018 | .021 | .022 | .023 | .023 | .023 | .024 | .025 | .023 | .021 | .019 | .017 | .018 | .018 | .018 | .015 | 23 | .025 | |
| 11 | .013 | .012 | .012 | BF | .014 | .015 | .016 | .017 | .017 | .018 | .019 | .019 | .020 | .020 | .021 | .022 | .022 | .021 | .019 | .020 | .020 | .021 | .022 | .023 | 23 | .023 | |
| 12 | .024 | .024 | .023 | BF | .021 | .020 | .020 | .020 | .020 | BA | .019 | .019 | .019 | .017 | .016 | .015 | .014 | .012 | .013 | .014 | .012 | .011 | .009 | .006 | 22 | .024 | |
| 13 | .007 | .010 | .013 | BF | .013 | .007 | .004 | .008 | .015 | .022 | .031 | .039 | .040 | .039 | .039 | .038 | .037 | .034 | .025 | .012 | .011 | .017 | .025 | .024 | 23 | .040 | |
| 14 | .021 | .022 | .022 | BF | .022 | .018 | .015 | .019 | .025 | .031 | .039 | .045 | .049 | .052 | .054 | .058 | .055 | .036 | .035 | .033 | .032 | .030 | .021 | .018 | 23 | .058 | |
| 15 | .019 | .018 | .013 | BF | .007 | .005 | .006 | .011 | .019 | .024 | .027 | .030 | .032 | .031 | .030 | .032 | .030 | .027 | .021 | .021 | .016 | .017 | .013 | .012 | 23 | .032 | |
| 16 | .011 | .007 | .005 | BF | .003 | .002 | .003 | .005 | .016 | .024 | .034 | .036 | .035 | .035 | .035 | .034 | .029 | .023 | .020 | .016 | .019 | .019 | .018 | .018 | 23 | .036 | |
| 17 | .010 | .007 | .008 | BF | .005 | .006 | .007 | .010 | .014 | .027 | .036 | .038 | .038 | .038 | .038 | .037 | .034 | .030 | .023 | .024 | .023 | .017 | .021 | .014 | 23 | .038 | |
| 18 | .008 | .009 | .008 | BF | .004 | .007 | .008 | .008 | .013 | .022 | .028 | .033 | .038 | .040 | .039 | .039 | .038 | .035 | .025 | .025 | .023 | .024 | .021 | .015 | 23 | .040 | |
| 19 | .011 | .009 | .014 | BF | .009 | .008 | .009 | .013 | .019 | .026 | .032 | .036 | .037 | .038 | .040 | .041 | .042 | .037 | .028 | .023 | .016 | .019 | .012 | .013 | 23 | .042 | |
| 20 | .025 | .004 | .007 | BF | .002 | .002 | .010 | .014 | .021 | .026 | .034 | .039 | .043 | .044 | .044 | .042 | .041 | .036 | .031 | .030 | .024 | .023 | .015 | .012 | 23 | .044 | |
| 21 | .016 | .015 | .019 | BF | .015 | .011 | .007 | .012 | .018 | .027 | .036 | .042 | .043 | .043 | .044 | .048 | .043 | .033 | .021 | .017 | .019 | .011 | .012 | .015 | 23 | .048 | |
| 22 | .011 | .008 | .006 | BF | .008 | .011 | .006 | .014 | .016 | .032 | .042 | .045 | .046 | .048 | .046 | .047 | .046 | .042 | .030 | .027 | .028 | .026 | .023 | .028 | 23 | .048 | |
| 23 | .023 | .018 | .018 | BF | .010 | .010 | .008 | .015 | .028 | .036 | .040 | .050 | .054 | .050 | .045 | .045 | .044 | .040 | .046 | .051 | .044 | .041 | .036 | .030 | 23 | .054 | |
| 24 | .032 | .024 | .019 | BF | .017 | .015 | .016 | .020 | .023 | .029 | .036 | .044 | .046 | .049 | .052 | .050 | .040 | .035 | .037 | .033 | .032 | .029 | .024 | .022 | 23 | .052 | |
| 25 | .025 | .017 | .017 | BF | .015 | .015 | .015 | .019 | .025 | .032 | .039 | .040 | .040 | .041 | .046 | .046 | .047 | .047 | .041 | .038 | .037 | .033 | .028 | .022 | 23 | .047 | |
| 26 | .020 | .017 | .017 | BF | .018 | .017 | .018 | .020 | .022 | .023 | .022 | .025 | .024 | .023 | .022 | .021 | .020 | .020 | .021 | .020 | .020 | .019 | .017 | .018 | 23 | .025 | |
| 27 | .015 | .015 | .019 | BF | .019 | .019 | .020 | .024 | .031 | .038 | .043 | .041 | .037 | .036 | .034 | .041 | .044 | .037 | .035 | .037 | .040 | .042 | .034 | .027 | 23 | .044 | |
| 28 | .027 | .027 | .030 | BF | .030 | .037 | .036 | .040 | BA | .048 | .055 | .057 | .058 | .060 | .056 | .055 | .051 | .046 | .041 | .039 | .039 | .039 | .037 | .034 | 22 | .060 | |
| 29 | .032 | .035 | .037 | BF | .035 | .029 | .029 | .028 | .023 | .017 | .020 | .023 | .027 | .034 | .041 | .047 | .048 | .040 | .026 | .024 | .023 | .020 | .017 | .022 | 23 | .048 | |
| 30 | .024 | .024 | .023 | BF | .018 | .016 | .017 | .024 | .026 | .033 | .038 | .038 | .039 | .041 | .040 | .040 | .039 | .035 | .032 | .031 | .029 | .027 | .027 | .024 | 23 | .041 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .033 | .035 | .037 | | .035 | .037 | .036 | .040 | .031 | .048 | .055 | .057 | .058 | .060 | .060 | .058 | .055 | .048 | .047 | .051 | .044 | .042 | .038 | .035 | | | |
| AVG: | .0183 | .0163 | .0161 | | .0133 | .0128 | .0128 | .0158 | .0201 | .0266 | .0313 | .0343 | .0360 | .0367 | .0373 | .0380 | .0364 | .0323 | .0276 | .0259 | .0243 | .0233 | .0216 | .0200 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0251 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-033-0001 POC: 1
 COUNTY: (033) Caswell
 CITY: (00000) Not in a city
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 MONITOR COMMENTS:

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 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
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 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
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 LONGITUDE: -79.467417
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 241
 PROBE HEIGHT: 3.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .021 | .020 | .016 | BF | .013 | .012 | .011 | .015 | .021 | .026 | .028 | .030 | .034 | .038 | .039 | .039 | .038 | .034 | .029 | .028 | .028 | .026 | .023 | .019 | 23 | .039 |
| 2 | .017 | .017 | .015 | BF | AN | AN | AN | AN | AN | AN | BA | BF | .038 | .039 | .040 | .041 | .042 | .042 | .038 | .035 | .033 | .028 | .024 | .023 | 15 | .042 |
| 3 | .021 | .021 | .021 | BF | .011 | .013 | .010 | .016 | .023 | .032 | .039 | .041 | .045 | .047 | .050 | .050 | .047 | .039 | .032 | .035 | .041 | .043 | .037 | .038 | 23 | .050 |
| 4 | .034 | .021 | .017 | BF | .019 | .015 | .012 | .015 | .025 | .027 | .035 | .042 | .049 | .052 | .050 | .050 | .049 | .044 | .037 | .034 | .030 | .039 | .028 | .018 | 23 | .052 |
| 5 | .021 | .024 | .025 | BF | .020 | .013 | .011 | .012 | .030 | .036 | .044 | .051 | .052 | .048 | .052 | .054 | .054 | .050 | .036 | .028 | .026 | .024 | .027 | .020 | 23 | .054 |
| 6 | .018 | .014 | .015 | BF | .009 | .006 | .004 | .008 | .016 | .030 | .040 | .049 | .053 | .052 | .049 | .048 | .048 | .043 | .030 | .024 | .027 | .025 | .026 | .018 | 23 | .053 |
| 7 | .016 | .013 | .010 | BF | .010 | .011 | .011 | .016 | .022 | .024 | .024 | .026 | .025 | .025 | .022 | .020 | .020 | .015 | .013 | .010 | .008 | .009 | .010 | .011 | 23 | .026 |
| 8 | .010 | .007 | .006 | BF | .008 | .007 | .006 | .006 | .008 | .010 | .014 | .016 | .020 | .021 | .020 | .015 | .013 | .012 | .011 | .011 | .011 | .012 | .012 | .011 | 23 | .021 |
| 9 | .011 | .011 | .011 | BF | .011 | .011 | .011 | .012 | .013 | .016 | .017 | .018 | .020 | .023 | .030 | .030 | .030 | .029 | .025 | .019 | .016 | .010 | .007 | .009 | 23 | .030 |
| 10 | .009 | .008 | .007 | BF | .004 | .004 | .004 | .007 | .011 | .015 | .018 | .023 | .029 | .033 | .035 | .034 | .029 | .024 | .014 | .012 | .011 | .009 | .007 | .008 | 23 | .035 |
| 11 | .009 | .009 | .010 | BF | .008 | .008 | .008 | .007 | .011 | .020 | .028 | .036 | .041 | .045 | .044 | .042 | .038 | .024 | .018 | .015 | .015 | .015 | .014 | .012 | 23 | .045 |
| 12 | .007 | .007 | .007 | BF | AN | BA | AN | 3 | .007 |
| 13 | AN | AN | AN | BF | AN | AN | AN | AN | BA | BF | BF | .016 | .017 | .018 | .018 | .020 | .019 | .017 | .013 | .012 | .014 | .016 | .015 | .015 | 13 | .020 |
| 14 | .018 | .021 | .023 | BF | .026 | .026 | .025 | .024 | .026 | .026 | .026 | .025 | .026 | .029 | .034 | .039 | .039 | .024 | .015 | .018 | .018 | .011 | .015 | .002 | 23 | .039 |
| 15 | .002 | .000 | .003 | BF | .005 | .006 | .009 | .011 | .012 | .016 | .021 | .033 | .035 | .036 | .039 | .042 | .039 | .036 | .033 | .030 | .027 | .024 | .022 | .021 | 23 | .042 |
| 16 | .020 | .018 | .018 | BF | .019 | .022 | .021 | .019 | .017 | .017 | .021 | .024 | .029 | .031 | .030 | .033 | .033 | .032 | .029 | .027 | .027 | .025 | .022 | .022 | 23 | .033 |
| 17 | .022 | .019 | .018 | BF | .017 | .015 | .015 | .017 | .019 | .026 | .029 | .033 | .035 | .036 | .037 | .037 | .035 | .025 | .018 | .022 | .018 | .021 | .015 | .018 | 23 | .037 |
| 18 | .021 | .023 | .022 | BF | .012 | .009 | .006 | .008 | .018 | .026 | .034 | .037 | .040 | .042 | .044 | .044 | .042 | .034 | .027 | .023 | .025 | .028 | .020 | .016 | 23 | .044 |
| 19 | .017 | .019 | .024 | BF | .018 | .010 | .008 | .016 | .027 | .036 | .044 | .047 | .051 | .052 | .053 | .053 | .053 | .032 | .040 | .046 | .053 | .044 | .042 | .043 | 23 | .053 |
| 20 | .041 | .040 | .037 | BF | .033 | .030 | .027 | .029 | .032 | .038 | .045 | .050 | .053 | .054 | .055 | .056 | .053 | .036 | .041 | .034 | .046 | .045 | .035 | .038 | 23 | .056 |
| 21 | .036 | .030 | .034 | BF | .027 | .026 | .020 | .019 | .027 | .039 | .045 | .054 | .058 | .059 | .060 | .058 | .049 | .033 | .042 | .045 | .036 | .034 | .031 | .026 | 23 | .060 |
| 22 | .026 | .028 | .022 | BF | .021 | .018 | .009 | .014 | .023 | .032 | .045 | .052 | .052 | .051 | .050 | .048 | .042 | .035 | .035 | .036 | .032 | .039 | .034 | .032 | 23 | .052 |
| 23 | .028 | .030 | .027 | BF | .026 | .031 | .034 | .033 | .030 | .032 | .033 | .036 | .037 | .036 | .036 | .038 | .038 | .037 | .030 | .035 | .038 | .033 | .029 | .027 | 23 | .038 |
| 24 | .024 | .018 | .013 | BF | .014 | .012 | .013 | .015 | .019 | .021 | .023 | .027 | .032 | .036 | .039 | .039 | .039 | .037 | .036 | .028 | .024 | .023 | .026 | .029 | 23 | .039 |
| 25 | .031 | .027 | .028 | BF | .023 | .024 | .025 | .024 | .029 | .032 | .035 | .037 | .038 | .039 | .040 | .040 | .038 | .034 | .030 | .028 | .026 | .025 | .023 | .021 | 23 | .040 |
| 26 | .021 | .020 | .020 | BF | .021 | .021 | .021 | .021 | .022 | .026 | .031 | .032 | .036 | .038 | .039 | .040 | .039 | .026 | .020 | .025 | .025 | .020 | .018 | .017 | 23 | .040 |
| 27 | .015 | .015 | .015 | BF | .014 | .007 | .012 | .014 | .020 | .028 | .034 | .042 | .048 | .051 | .051 | .050 | .048 | .042 | .037 | .035 | .036 | .035 | .036 | .037 | 23 | .051 |
| 28 | .038 | .037 | .035 | BF | .029 | .027 | .024 | .025 | .027 | .035 | .042 | .044 | .044 | .042 | .039 | .035 | .036 | .035 | .033 | .030 | .029 | .031 | .034 | .034 | 23 | .044 |
| 29 | .033 | .032 | .030 | BF | .026 | .026 | .026 | .024 | .024 | .024 | .016 | .015 | .015 | .017 | .017 | .016 | .017 | .018 | .018 | .018 | .019 | .019 | .019 | .021 | 23 | .033 |
| 30 | .020 | .020 | .020 | BF | .021 | .021 | .022 | .022 | .026 | .028 | .030 | .030 | .032 | .034 | .036 | .037 | .035 | .032 | .030 | .029 | .025 | .025 | .024 | .024 | 23 | .037 |
| 31 | .017 | .012 | .013 | BF | .009 | .006 | .009 | .013 | .019 | .030 | .036 | .040 | .044 | .047 | .047 | .047 | .044 | .030 | .027 | .030 | .029 | .032 | .028 | .027 | 23 | .047 |
| NO.: | 30 | 30 | 30 | | 28 | 28 | 28 | 28 | 28 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .041 | .040 | .037 | | .033 | .031 | .034 | .033 | .032 | .039 | .045 | .054 | .058 | .059 | .060 | .058 | .054 | .050 | .042 | .046 | .053 | .045 | .042 | .043 | | |
| AVG: | .0208 | .0194 | .0187 | | .0169 | .0156 | .0148 | .0165 | .0213 | .0267 | .0313 | .0347 | .0376 | .0390 | .0399 | .0400 | .0382 | .0317 | .0280 | .0268 | .0265 | .0256 | .0233 | .0219 | | |

MONTHLY OBSERVATIONS: 675 MONTHLY MEAN: .0269 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-033-0001 POC: 1
 COUNTY: (033) Caswell
 CITY: (00000) Not in a city
 SITE ADDRESS: 7074 CHERRY GROVE RD, REIDSVILLE
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.307033
 LONGITUDE: -79.467417
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 241
 PROBE HEIGHT: 3.78

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .017 | .017 | .014 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .017 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .017 | .017 | .014 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0170 | .0170 | .0140 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0160 MONTHLY MAX: .017

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-051-0008 POC: 1
 COUNTY: (051) Cumberland
 CITY: (70340) Wade
 SITE ADDRESS: 7112 Covington Lane
 SITE COMMENTS: ADJACENT TO TOWN HALL OF WADE PROPERTY CAROLINA POWER ELECTRIC METER NO. NO METER
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.158686
 LONGITUDE: -78.728035
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 45
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .024 | .024 | .023 | BF | .020 | .020 | .021 | .021 | .023 | .026 | .027 | .026 | .027 | .029 | .032 | .033 | .033 | .031 | .027 | .025 | .027 | .028 | .032 | .030 | 23 | .033 | |
| 2 | .031 | .030 | .029 | BF | .037 | .043 | .043 | .040 | .040 | .042 | .042 | .043 | .044 | .045 | .047 | .048 | .048 | .047 | .044 | .038 | .028 | .011 | .001 | .005 | 23 | .048 | |
| 3 | .024 | .031 | .021 | BF | .013 | .010 | .007 | .004 | .013 | .031 | .044 | .045 | .048 | .049 | .049 | .050 | .050 | .049 | .047 | .043 | .041 | .040 | .039 | .038 | 23 | .050 | |
| 4 | .037 | .038 | .036 | BF | .029 | .021 | .024 | .025 | .032 | .038 | .042 | .044 | .045 | .047 | .048 | .049 | .049 | .047 | .039 | .012 | .005 | .003 | .001 | .001 | 23 | .049 | |
| 5 | .002 | .002 | .003 | BF | .010 | .024 | .030 | .034 | .037 | .039 | .041 | .043 | .045 | .047 | .049 | .049 | .050 | .043 | .034 | .028 | .026 | .035 | .036 | .028 | 23 | .050 | |
| 6 | .015 | .018 | .022 | BF | .018 | .009 | .005 | .006 | .026 | .035 | .041 | .046 | .049 | .055 | .058 | .058 | .056 | .055 | .045 | .015 | .044 | .046 | .036 | .035 | 23 | .058 | |
| 7 | .022 | .017 | .035 | BF | .035 | .029 | .026 | .029 | .039 | .048 | .051 | .053 | .052 | .052 | .051 | .051 | .050 | .048 | .046 | .045 | .044 | .043 | .042 | .038 | 23 | .053 | |
| 8 | .039 | .040 | .040 | BF | .037 | .035 | .032 | .031 | .035 | .036 | .038 | .042 | .046 | .049 | .054 | .058 | .057 | .054 | .050 | .013 | .003 | .007 | .002 | .003 | 23 | .058 | |
| 9 | .003 | .002 | .004 | BF | .006 | .002 | .004 | .007 | .015 | .037 | .045 | .051 | .053 | .056 | .057 | .057 | .058 | .056 | .046 | .051 | .051 | .051 | .052 | .049 | 23 | .058 | |
| 10 | .039 | .036 | .034 | BF | .044 | .044 | .044 | .043 | .038 | .038 | .044 | .049 | .051 | .052 | .048 | .050 | .051 | .051 | .047 | .046 | .045 | .046 | .046 | .045 | 23 | .052 | |
| 11 | .043 | .041 | .035 | BF | .032 | .030 | .023 | .023 | .037 | .041 | .044 | .045 | .047 | .048 | .048 | .047 | .048 | .048 | .045 | .037 | .020 | .015 | .023 | .031 | 23 | .048 | |
| 12 | .028 | .029 | .032 | BF | .043 | .042 | .039 | .033 | .036 | .036 | .036 | .036 | .038 | .040 | .040 | .040 | .041 | .041 | .032 | .019 | .005 | .001 | .000 | .000 | 23 | .043 | |
| 13 | .001 | .001 | .001 | BF | .020 | .026 | .031 | .033 | .035 | .035 | .035 | .036 | .038 | .038 | .037 | .036 | .034 | .032 | .037 | .038 | .038 | .036 | .037 | .037 | 23 | .038 | |
| 14 | .034 | .033 | .034 | BF | .034 | .036 | .038 | .037 | .034 | .033 | .035 | .039 | .041 | .042 | .041 | .042 | .042 | .039 | .039 | .040 | .039 | .038 | .038 | .039 | 23 | .042 | |
| 15 | .040 | .038 | .040 | BK | .041 | .039 | .037 | AY | AY | .043 | .045 | .046 | .047 | .047 | .048 | .049 | .049 | .048 | .047 | .046 | .044 | .043 | .041 | .040 | 21 | .049 | |
| 16 | .038 | .039 | .038 | BF | .037 | .035 | .033 | .035 | .038 | .042 | .043 | .044 | .045 | .048 | .050 | .051 | .052 | .052 | .050 | .046 | .044 | .039 | .022 | .018 | 23 | .052 | |
| 17 | .032 | .028 | .023 | BF | .003 | .002 | .002 | .005 | .017 | .042 | .047 | .049 | .051 | .054 | .056 | .061 | .059 | .057 | .051 | .053 | .056 | .056 | .056 | .056 | 23 | .061 | |
| 18 | .053 | .048 | .049 | BF | .045 | .043 | .039 | .040 | .038 | .035 | .034 | .034 | .031 | .040 | .045 | .049 | .045 | .040 | .044 | .041 | .041 | .030 | .029 | .036 | 23 | .053 | |
| 19 | .035 | .036 | .034 | BF | .030 | .027 | .025 | .024 | .026 | .031 | .034 | .036 | .040 | .040 | .042 | .044 | .045 | .042 | .038 | .029 | .021 | .012 | .016 | .016 | 23 | .045 | |
| 20 | .008 | .009 | .009 | BF | .003 | .001 | .001 | .010 | .022 | .036 | .040 | .042 | .045 | .053 | .057 | .052 | .053 | .054 | .045 | .030 | .032 | .019 | .035 | .036 | 23 | .057 | |
| 21 | .036 | .037 | .033 | BF | .032 | .032 | .024 | .023 | .037 | .042 | .049 | .054 | .056 | .059 | .060 | .060 | .055 | .038 | .022 | .015 | .016 | .029 | .038 | .047 | 23 | .060 | |
| 22 | .042 | .037 | .033 | BF | .033 | .034 | .035 | .036 | .039 | .043 | .046 | .048 | .048 | .051 | .053 | .053 | .053 | .051 | .050 | .049 | .043 | .044 | .043 | .039 | 23 | .053 | |
| 23 | .031 | .028 | .017 | BF | .022 | .023 | .022 | .031 | .040 | .044 | .046 | .047 | .049 | .051 | .053 | .053 | .053 | .050 | .042 | .026 | .020 | .041 | .038 | .039 | 23 | .053 | |
| 24 | .039 | .033 | .030 | BF | .026 | .017 | BA | .021 | .035 | .041 | .046 | .050 | .052 | .053 | .052 | .052 | .053 | .053 | .047 | .049 | .048 | .046 | .045 | .042 | 22 | .053 | |
| 25 | .038 | .033 | .032 | BF | .016 | .018 | .010 | .011 | .034 | .041 | .046 | .048 | .048 | .049 | .049 | .048 | .047 | .045 | .041 | .041 | .039 | .039 | .038 | .036 | 23 | .049 | |
| 26 | .032 | .019 | .010 | BF | .015 | .002 | .001 | .014 | .031 | .038 | .042 | .045 | .046 | .046 | .047 | .046 | .047 | .046 | .043 | .043 | .043 | .042 | .041 | .040 | 23 | .047 | |
| 27 | .038 | .037 | .037 | BF | .030 | .026 | .021 | .016 | BF | .023 | .025 | .041 | .046 | .045 | .046 | .047 | .047 | .043 | .038 | .042 | .043 | .042 | .040 | .038 | 22 | .047 | |
| 28 | .036 | .035 | .034 | BF | .034 | .035 | .032 | .026 | .023 | .028 | .030 | .035 | BF | .045 | .048 | .047 | .040 | .044 | .044 | .036 | .032 | .027 | .018 | .036 | 22 | .048 | |
| 29 | .035 | .039 | .033 | BF | .028 | .031 | .027 | .034 | .036 | .038 | .043 | .046 | .047 | .050 | .053 | .052 | .052 | .048 | .038 | .024 | .030 | .033 | .034 | .037 | 23 | .053 | |
| 30 | .035 | .031 | .025 | BF | .022 | .024 | .025 | .027 | .030 | .033 | .037 | .040 | .041 | .045 | .047 | .047 | .046 | .049 | .049 | .047 | .045 | .043 | .043 | .041 | 23 | .049 | |
| 31 | .038 | .038 | .040 | BF | .034 | .036 | .038 | .040 | .039 | .037 | .040 | .042 | .042 | .046 | .048 | .049 | .049 | .049 | .049 | .049 | .049 | .042 | .040 | .038 | .036 | 23 | .049 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 30 | 29 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | | |
| MAX: | .053 | .048 | .049 | | .045 | .044 | .044 | .043 | .040 | .048 | .051 | .054 | .056 | .059 | .060 | .061 | .059 | .057 | .051 | .053 | .056 | .056 | .056 | .056 | | | |
| AVG: | .0306 | .0293 | .0279 | | .0267 | .0257 | .0246 | .0253 | .0319 | .0372 | .0406 | .0434 | .0453 | .0475 | .0488 | .0493 | .0488 | .0468 | .0425 | .0360 | .0340 | .0331 | .0323 | .0326 | | | |

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .0366 MONTHLY MAX: .061

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-051-0008 POC: 1
 COUNTY: (051) Cumberland
 CITY: (70340) Wade
 SITE ADDRESS: 7112 Covington Lane
 SITE COMMENTS: ADJACENT TO TOWN HALL OF WADE PROPERTY CAROLINA POWER ELECTRIC METER NO. NO METER
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.158686
 LONGITUDE: -78.728035
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 45
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .033 | .031 | .031 | BF | .028 | .027 | .026 | .027 | .031 | .036 | .039 | .043 | .046 | .049 | .051 | .051 | .051 | .052 | .048 | .045 | .045 | .043 | .039 | .035 | 23 | .052 | |
| 2 | .033 | .031 | .030 | BF | .029 | .026 | .028 | .031 | .034 | .035 | .037 | .041 | .044 | .046 | .047 | .046 | .046 | .044 | .037 | .035 | .034 | .036 | .039 | .035 | 23 | .047 | |
| 3 | .036 | .032 | .029 | BF | .024 | .023 | .015 | .030 | .035 | .042 | .044 | .044 | .047 | .047 | .049 | .050 | .046 | .040 | .042 | .037 | .037 | .038 | .035 | .034 | 23 | .050 | |
| 4 | .035 | .035 | .034 | BF | .031 | .029 | .028 | .029 | .031 | .034 | .037 | .041 | .044 | .045 | .049 | .053 | .052 | .051 | .050 | .045 | .044 | .034 | .025 | .029 | 23 | .053 | |
| 5 | .030 | .027 | .021 | BF | .015 | .005 | .005 | .006 | .018 | .026 | .032 | .037 | .041 | .040 | .040 | .034 | .034 | .040 | .034 | .031 | .034 | .034 | .032 | .025 | 23 | .041 | |
| 6 | .023 | .025 | .024 | BF | .012 | .031 | .034 | .035 | .034 | .038 | .042 | .044 | .044 | .045 | .045 | .044 | .042 | .042 | .040 | .039 | .038 | .040 | .038 | .038 | 23 | .045 | |
| 7 | .037 | .036 | .037 | BF | .039 | .038 | .037 | .037 | .038 | .042 | .042 | .043 | .045 | .048 | .049 | .050 | .050 | .051 | .049 | .045 | .042 | .041 | .039 | .038 | 23 | .051 | |
| 8 | .034 | .025 | .014 | BF | .012 | .011 | .017 | .029 | .040 | .048 | .052 | .053 | .055 | .057 | .057 | .057 | .055 | .048 | .029 | .004 | .007 | .004 | .006 | 23 | .057 | | |
| 9 | .013 | .020 | .024 | BF | .016 | .005 | .009 | .020 | .032 | .040 | .048 | .059 | .062 | .064 | .064 | .065 | .063 | .061 | .053 | .045 | .047 | .050 | .051 | .049 | 23 | .065 | |
| 10 | .046 | .039 | .030 | BF | .008 | .001 | .005 | .025 | .041 | .050 | .056 | .057 | .058 | .060 | .059 | .058 | .057 | .053 | .045 | .041 | .046 | .046 | .044 | .042 | 23 | .060 | |
| 11 | .038 | .032 | .020 | BF | .006 | .007 | .008 | .022 | .031 | .047 | .051 | .055 | .058 | .059 | .057 | .057 | .055 | .048 | .039 | .044 | .042 | .041 | .038 | 23 | .059 | | |
| 12 | .029 | .018 | .018 | BF | .007 | .005 | .004 | .012 | .024 | .039 | .046 | .050 | .053 | .055 | .057 | .058 | .057 | .052 | .042 | .032 | .030 | .018 | .029 | .028 | 23 | .058 | |
| 13 | .021 | .012 | .016 | BF | .003 | .000 | .002 | .009 | .030 | .042 | .046 | .049 | .053 | .054 | .054 | .055 | .054 | .052 | .044 | .040 | .042 | .033 | .029 | .032 | 23 | .055 | |
| 14 | .035 | .036 | .035 | BF | .020 | .016 | .023 | .030 | .031 | .037 | .039 | .045 | .049 | .051 | .054 | .059 | .058 | .054 | .041 | .025 | .022 | .034 | .031 | .029 | 23 | .059 | |
| 15 | .022 | .020 | .019 | BF | .005 | .008 | .011 | .021 | .027 | .037 | .046 | .053 | .056 | .056 | .055 | .056 | .058 | .057 | .052 | .051 | .049 | .048 | .047 | .044 | 23 | .058 | |
| 16 | .040 | .039 | .036 | BF | .035 | .027 | .030 | .039 | .046 | .049 | .052 | .053 | .052 | .054 | .055 | .057 | .058 | .057 | .053 | .049 | .047 | .045 | .044 | .042 | 23 | .058 | |
| 17 | .040 | .041 | .038 | BF | .035 | .035 | .037 | .041 | .042 | .047 | .053 | .055 | .056 | .055 | .057 | .056 | .054 | .053 | .047 | .047 | .044 | .037 | .026 | .013 | 23 | .057 | |
| 18 | .017 | .017 | .019 | BF | .022 | .025 | .029 | .029 | .033 | .039 | .039 | .041 | .039 | .039 | .046 | .049 | .049 | .047 | .043 | .042 | .041 | .042 | .042 | .040 | 23 | .049 | |
| 19 | .040 | .039 | .037 | BF | .033 | .033 | .032 | .030 | .031 | .033 | .037 | .038 | .036 | .038 | .040 | .042 | .044 | .044 | .037 | .025 | .012 | .005 | .001 | .006 | 23 | .044 | |
| 20 | .009 | .003 | .003 | BF | .001 | .003 | .005 | .012 | BA | BA | .045 | .045 | .045 | .047 | .049 | .049 | .048 | .047 | .042 | .029 | .025 | .026 | .029 | .029 | 21 | .049 | |
| 21 | .029 | .025 | .022 | BF | .020 | .022 | .024 | .026 | .031 | .038 | .044 | .048 | .050 | .052 | .052 | .054 | .056 | .051 | .050 | .047 | .043 | .039 | .040 | .037 | 23 | .056 | |
| 22 | .034 | .031 | .030 | BF | .019 | .020 | .021 | .024 | .031 | .037 | .044 | .047 | .051 | .053 | .054 | .052 | .051 | .051 | .050 | .041 | .039 | .033 | .025 | .020 | 23 | .054 | |
| 23 | .020 | .021 | .019 | BF | .019 | .026 | .027 | .026 | .027 | .027 | .026 | .025 | .026 | .026 | .027 | .023 | .024 | .024 | .025 | .023 | .025 | .023 | .024 | .023 | 23 | .027 | |
| 24 | .023 | .022 | .022 | BF | .021 | .020 | .021 | .020 | .020 | .019 | .019 | .019 | .019 | .019 | .019 | .019 | .019 | .019 | .018 | .016 | .015 | .017 | .016 | .016 | 23 | .023 | |
| 25 | .013 | .013 | .017 | BF | .024 | .020 | .022 | .036 | .037 | .038 | .043 | .043 | .045 | .050 | .045 | .043 | .038 | .034 | .030 | .026 | .025 | .022 | .022 | .021 | 23 | .050 | |
| 26 | .020 | .023 | .025 | BF | .026 | .024 | .022 | .023 | .026 | .027 | .035 | .042 | .045 | .050 | .054 | .053 | .055 | .057 | .043 | .028 | .033 | .038 | .039 | .039 | 23 | .057 | |
| 27 | .041 | .045 | .045 | BF | .026 | .027 | .028 | .037 | .042 | .049 | .055 | .059 | .058 | .056 | .055 | .050 | .045 | .038 | .033 | .035 | .035 | .033 | .034 | .035 | 23 | .059 | |
| 28 | .033 | .027 | .022 | BF | .018 | .015 | .015 | .019 | .024 | .029 | .032 | .035 | .038 | .041 | .042 | .044 | .043 | .041 | .035 | .029 | .026 | .024 | .022 | .023 | 23 | .044 | |
| 29 | .025 | .027 | .028 | BF | .025 | .023 | .022 | .024 | .027 | .030 | .032 | .034 | .036 | .037 | .035 | .031 | .030 | .029 | .025 | .022 | .019 | .018 | .017 | .017 | 23 | .037 | |
| 30 | .015 | .013 | .012 | BF | .016 | .015 | .017 | .018 | .020 | .022 | .023 | .024 | .025 | .026 | .025 | .025 | .026 | .026 | .025 | .024 | .023 | .022 | .021 | .020 | 23 | .026 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .046 | .045 | .045 | | .039 | .038 | .037 | .041 | .046 | .050 | .056 | .059 | .062 | .064 | .064 | .065 | .063 | .061 | .053 | .051 | .049 | .050 | .051 | .049 | | | |
| AVG: | .0288 | .0268 | .0252 | | .0198 | .0189 | .0201 | .0256 | .0315 | .0371 | .0412 | .0441 | .0459 | .0473 | .0481 | .0480 | .0474 | .0459 | .0410 | .0354 | .0337 | .0323 | .0308 | .0294 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0350 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-051-0008 POC: 1
 COUNTY: (051) Cumberland
 CITY: (70340) Wade
 SITE ADDRESS: 7112 Covington Lane
 SITE COMMENTS: ADJACENT TO TOWN HALL OF WADE PROPERTY CAROLINA POWER ELECTRIC METER NO. NO METER
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.158686
 LONGITUDE: -78.728035
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 45
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .017 | .014 | .014 | BF | .015 | .014 | .015 | .018 | .024 | .028 | .028 | .026 | .029 | .032 | .033 | .031 | .032 | .030 | .027 | .024 | .024 | .025 | .029 | .023 | 23 | .033 |
| 2 | .022 | .028 | .028 | BF | .028 | .027 | .028 | .035 | .046 | .049 | .050 | .052 | .053 | .055 | .055 | .054 | .055 | .055 | .051 | .046 | .032 | .011 | .012 | .026 | 23 | .055 |
| 3 | .021 | .015 | .009 | BF | .008 | .005 | .010 | .029 | .038 | .048 | .054 | .055 | .054 | .054 | .057 | .059 | .060 | .060 | .050 | .026 | .012 | .024 | .035 | .031 | 23 | .060 |
| 4 | .032 | .032 | .041 | BF | .042 | .039 | .038 | .041 | .045 | .050 | .053 | .053 | .054 | .052 | .053 | .052 | .049 | .046 | .045 | .043 | .041 | .036 | .030 | .022 | 23 | .054 |
| 5 | .018 | .017 | .018 | BF | .040 | .034 | .028 | .028 | .031 | .040 | .042 | .040 | .045 | .048 | .049 | .047 | .045 | .043 | .043 | .041 | .038 | .036 | .033 | .032 | 23 | .049 |
| 6 | .032 | .032 | .031 | BF | .027 | .024 | .021 | .022 | .022 | .023 | .024 | .034 | .041 | .045 | .047 | .047 | .048 | .045 | .044 | .046 | .046 | .045 | .045 | .044 | 23 | .048 |
| 7 | .041 | .039 | .034 | BF | .031 | .029 | .028 | .031 | .035 | .039 | .043 | .046 | .046 | .046 | .048 | .049 | .052 | .052 | .050 | .047 | .039 | .030 | .027 | .027 | 23 | .052 |
| 8 | .023 | .020 | .012 | BF | .004 | AV | AV | AV | AV | AV | .052 | .052 | .057 | .059 | .062 | .064 | .063 | .063 | .059 | .047 | .023 | .006 | .007 | .007 | 18 | .064 |
| 9 | .012 | .008 | .004 | BF | .002 | .004 | .014 | .017 | .018 | .018 | .022 | .039 | .042 | .048 | .052 | .054 | .054 | .050 | .038 | .034 | .030 | .029 | .031 | .034 | 23 | .054 |
| 10 | .034 | .035 | .031 | BF | .023 | .019 | .022 | .031 | AV | .042 | .050 | .056 | .058 | .061 | .063 | .064 | .064 | .055 | .037 | .018 | .013 | .021 | .024 | .029 | 22 | .064 |
| 11 | .024 | .022 | .019 | BF | .013 | .007 | .007 | .020 | .031 | .038 | .048 | .050 | .053 | .059 | .056 | .056 | .055 | .053 | .055 | .055 | .045 | .028 | .037 | .030 | 23 | .059 |
| 12 | .035 | .039 | .040 | BF | .038 | .039 | .038 | .039 | .036 | .033 | .031 | .030 | .031 | .029 | .028 | .028 | .026 | .025 | .023 | .021 | .020 | .020 | .021 | .019 | 23 | .040 |
| 13 | .017 | .017 | .015 | BF | .013 | .014 | .017 | .017 | .020 | .021 | .024 | .026 | .029 | .031 | .034 | .035 | .038 | .037 | .032 | .026 | .019 | .015 | .008 | .009 | 23 | .038 |
| 14 | .007 | .004 | .001 | BF | .004 | .002 | .004 | .011 | .022 | .034 | .047 | .050 | .054 | .055 | .057 | .057 | .058 | .057 | .058 | .057 | .054 | .051 | .049 | .045 | 23 | .058 |
| 15 | .044 | .042 | .038 | BF | .022 | .014 | .026 | .036 | .049 | .058 | .061 | .063 | .066 | .068 | .069 | .067 | .065 | .061 | .057 | .040 | .025 | .001 | .011 | .010 | 23 | .069 |
| 16 | .024 | .030 | .025 | BF | .015 | .015 | .018 | .026 | .039 | .047 | .054 | .062 | .064 | .065 | .065 | .068 | .069 | .063 | .050 | .025 | .006 | .011 | .026 | .034 | 23 | .069 |
| 17 | .029 | .023 | .019 | BF | .010 | .007 | .022 | .038 | .049 | .055 | .059 | .063 | .069 | .064 | .067 | .063 | .060 | .059 | .051 | .034 | .044 | .045 | .047 | .046 | 23 | .069 |
| 18 | .044 | .036 | .027 | BF | .021 | .021 | BA | .030 | .040 | .050 | .052 | .054 | .056 | .058 | AV | .051 | .056 | .055 | .050 | .041 | .039 | .038 | .037 | .036 | 21 | .058 |
| 19 | .033 | .027 | .027 | BF | .024 | .027 | .027 | .031 | .037 | .041 | .045 | .049 | .051 | .054 | .059 | .057 | .053 | .050 | .048 | .044 | .034 | .028 | .027 | .027 | 23 | .059 |
| 20 | .024 | .023 | .023 | BF | .020 | .019 | .020 | .024 | .030 | .034 | .040 | .044 | .046 | .045 | .044 | .044 | .037 | .035 | .033 | .037 | .046 | .031 | .026 | .023 | 23 | .046 |
| 21 | .025 | .024 | .023 | BF | .018 | .016 | .017 | .016 | .017 | .017 | .020 | .022 | .026 | .031 | .031 | .032 | .031 | .028 | .025 | .024 | .019 | .020 | .023 | .025 | 23 | .032 |
| 22 | .024 | .024 | .025 | BF | .024 | .020 | .018 | .017 | .020 | .025 | .032 | .035 | .037 | .038 | .038 | .036 | .034 | .033 | .025 | .017 | .032 | .031 | .027 | .024 | 23 | .038 |
| 23 | .022 | .024 | .020 | BF | .023 | .022 | .024 | .024 | .025 | .025 | .024 | .027 | .026 | .025 | .023 | .022 | .022 | .022 | .023 | .021 | .023 | .021 | .021 | .025 | 23 | .027 |
| 24 | .024 | .022 | .020 | BF | .018 | .011 | .017 | .025 | .025 | .028 | .028 | .025 | .024 | .026 | .026 | .023 | .018 | .023 | .014 | .015 | .025 | .027 | .025 | .029 | 23 | .029 |
| 25 | .024 | .025 | .028 | BF | .028 | .018 | .022 | .033 | .037 | .042 | .047 | .048 | .047 | .047 | .046 | .045 | .045 | .044 | .045 | .044 | .043 | .042 | .040 | .037 | 23 | .048 |
| 26 | .036 | .035 | .035 | BF | .031 | .028 | .027 | .031 | .039 | .048 | .054 | .054 | .057 | .059 | .060 | .060 | .063 | .064 | .061 | .051 | .040 | .031 | .019 | .015 | 23 | .064 |
| 27 | .019 | .018 | .016 | BF | .008 | .009 | .015 | .025 | .040 | .049 | .053 | .057 | .060 | .060 | .060 | .057 | .055 | .054 | .053 | .048 | .038 | .035 | .036 | .024 | 23 | .060 |
| 28 | .019 | .023 | .024 | BF | .019 | .020 | .021 | .028 | .038 | .045 | .050 | .054 | .056 | .054 | .052 | .049 | .048 | .047 | .044 | .033 | .028 | .024 | .019 | .018 | 23 | .056 |
| 29 | .013 | .009 | .014 | BF | .013 | .012 | .016 | .027 | .037 | .042 | .048 | .051 | .051 | .051 | .052 | .052 | .049 | .048 | .037 | .017 | .007 | .041 | .039 | .029 | 23 | .052 |
| 30 | .022 | .024 | .026 | BF | .014 | .014 | .017 | .017 | .023 | .031 | .041 | .044 | .047 | .045 | .045 | .042 | .042 | .042 | .042 | .039 | .026 | .014 | .008 | .014 | 23 | .047 |
| 31 | .015 | .014 | .016 | BF | .008 | .007 | .012 | .021 | .032 | .039 | .045 | .048 | .049 | .049 | .043 | .044 | .035 | .029 | .020 | .018 | .036 | .033 | .021 | .007 | 23 | .049 |
| NO.: | 31 | 31 | 31 | | 31 | 30 | 29 | 30 | 29 | 30 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .044 | .042 | .041 | | .042 | .039 | .038 | .041 | .049 | .058 | .061 | .063 | .069 | .068 | .069 | .068 | .069 | .064 | .061 | .057 | .054 | .051 | .049 | .046 | | |
| AVG: | .0250 | .0240 | .0227 | | .0195 | .0179 | .0203 | .0263 | .0326 | .0380 | .0426 | .0455 | .0477 | .0488 | .0491 | .0487 | .0478 | .0461 | .0416 | .0348 | .0305 | .0274 | .0271 | .0258 | | |

MONTHLY OBSERVATIONS: 705 MONTHLY MEAN: .0344 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-051-0008 POC: 1
 COUNTY: (051) Cumberland
 CITY: (70340) Wade
 SITE ADDRESS: 7112 Covington Lane
 SITE COMMENTS: ADJACENT TO TOWN HALL OF WADE PROPERTY CAROLINA POWER ELECTRIC METER NO. NO METER
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.158686
 LONGITUDE: -78.728035
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 45
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .006 | .006 | .003 | BF | .005 | .004 | .007 | .017 | .026 | .032 | .038 | .042 | .049 | .051 | .052 | .052 | .052 | .047 | .038 | .031 | .020 | .006 | .008 | .016 | 23 | .052 | |
| 2 | .013 | .015 | .012 | BF | .004 | .002 | .008 | .023 | .038 | .054 | .058 | .059 | .060 | .061 | .065 | .067 | .064 | .062 | .053 | .041 | .032 | .010 | .009 | .002 | 23 | .067 | |
| 3 | .001 | .002 | .011 | BF | .008 | .003 | .004 | .023 | .039 | .052 | .060 | .065 | .064 | .066 | .067 | .068 | .069 | .061 | .050 | .047 | .040 | .032 | .028 | .015 | 23 | .069 | |
| 4 | .015 | .015 | .011 | BF | .001 | .002 | .013 | .025 | .033 | .037 | .040 | .044 | .046 | .050 | .051 | .045 | .034 | .032 | .034 | .034 | .024 | .015 | .012 | .010 | 23 | .051 | |
| 5 | .009 | .013 | .010 | BF | .007 | .006 | .007 | .012 | .015 | .022 | .025 | .026 | .029 | .030 | .034 | .033 | .033 | .030 | .026 | .021 | .032 | .028 | .024 | .022 | 23 | .034 | |
| 6 | .019 | .022 | .024 | BF | .021 | .018 | .020 | .024 | .028 | .035 | .038 | .047 | .052 | .057 | .059 | .062 | .064 | .059 | .042 | .024 | .017 | .015 | .012 | .013 | 23 | .064 | |
| 7 | .015 | .025 | .028 | BF | .045 | .042 | .035 | .033 | .032 | .037 | .043 | .044 | .043 | .039 | .039 | .041 | .039 | .041 | .039 | .037 | .035 | .034 | .033 | .033 | 23 | .045 | |
| 8 | .033 | .032 | .034 | BF | .037 | .035 | .035 | .035 | .035 | .034 | .034 | .036 | .038 | .041 | .043 | .047 | .046 | .044 | .042 | .031 | .020 | .014 | .012 | .008 | 23 | .047 | |
| 9 | .004 | .002 | .002 | BF | .007 | .005 | .014 | .021 | .034 | .043 | .047 | .050 | .052 | .052 | .051 | .052 | .054 | .055 | .051 | .031 | .013 | .029 | .034 | .037 | 23 | .055 | |
| 10 | .034 | .034 | .025 | BF | .015 | .017 | .023 | .032 | .043 | .047 | .050 | .053 | .058 | .055 | .057 | .059 | .057 | .056 | .047 | .039 | .039 | .041 | .043 | .039 | 23 | .059 | |
| 11 | .036 | .033 | .025 | BF | .015 | .011 | .020 | .028 | .034 | .041 | .045 | .046 | .049 | .051 | .049 | .049 | .046 | .045 | .040 | .038 | .033 | .034 | .035 | .030 | 23 | .051 | |
| 12 | .025 | .023 | .019 | BF | .016 | .012 | .013 | .019 | .032 | .042 | .048 | .052 | .056 | .055 | .055 | .050 | .048 | .046 | .045 | .040 | .036 | .034 | .033 | .028 | 23 | .056 | |
| 13 | .028 | .026 | .019 | BF | .017 | .009 | .011 | .028 | .035 | .048 | .053 | .055 | .056 | .058 | .060 | .061 | .057 | .054 | .045 | .031 | .025 | .016 | .011 | .009 | 23 | .061 | |
| 14 | .017 | .005 | .011 | BF | .004 | .003 | .013 | .027 | .039 | .048 | .051 | .050 | .050 | .049 | .045 | .037 | .042 | .042 | .041 | .035 | .031 | .018 | .025 | .045 | 23 | .051 | |
| 15 | .031 | .030 | .019 | BF | .006 | .001 | BA | BA | .030 | .038 | .046 | .050 | .057 | .061 | .062 | .056 | .048 | .059 | .041 | .037 | .028 | .022 | .020 | .015 | 21 | .062 | |
| 16 | .010 | .012 | .009 | BF | .004 | .004 | .011 | .023 | .033 | .044 | .052 | .051 | .046 | .043 | .044 | .042 | .039 | .036 | .027 | .023 | .017 | .012 | .004 | .008 | 23 | .052 | |
| 17 | .009 | .008 | .007 | BF | .006 | .009 | .010 | .014 | .019 | .024 | .025 | .028 | .032 | .026 | .026 | .028 | .022 | .019 | .015 | .010 | .007 | .007 | .004 | .012 | 23 | .032 | |
| 18 | .016 | .016 | .018 | BF | .019 | .019 | .019 | .021 | .027 | .032 | .034 | .036 | .038 | .038 | .037 | .036 | .035 | .033 | .030 | .023 | .019 | .017 | .016 | .016 | 23 | .038 | |
| 19 | .014 | .012 | .010 | BF | .006 | .008 | .010 | .013 | .019 | .024 | .028 | .031 | .033 | .029 | .024 | .019 | .020 | .026 | .025 | .022 | .018 | .015 | .013 | .012 | 23 | .033 | |
| 20 | .012 | .012 | .011 | BF | .040 | .038 | .032 | .034 | .035 | .033 | .033 | .034 | .034 | .034 | .031 | .027 | .027 | .021 | .017 | .011 | .012 | .012 | .007 | .012 | 23 | .040 | |
| 21 | .012 | .012 | .012 | BF | .010 | .010 | .009 | .011 | .017 | .020 | .020 | .023 | .027 | .031 | .030 | .028 | .031 | .023 | .012 | .006 | .007 | .020 | .016 | .013 | 23 | .031 | |
| 22 | .009 | .009 | .010 | BF | .005 | .001 | .004 | .011 | .019 | .025 | .025 | .024 | .021 | .020 | .020 | .022 | .018 | .012 | .015 | .012 | .007 | .005 | .002 | .001 | 23 | .025 | |
| 23 | .001 | .004 | .006 | BF | .007 | .008 | .009 | .010 | .013 | .016 | .021 | .025 | .028 | .026 | .026 | .026 | .027 | .026 | .025 | .022 | .018 | .020 | .020 | .020 | 23 | .028 | |
| 24 | .022 | .022 | .021 | BF | .019 | .019 | .019 | .021 | .024 | .027 | .029 | .030 | .032 | .030 | .030 | .022 | .021 | .022 | .022 | .033 | .028 | .026 | .024 | .020 | 23 | .033 | |
| 25 | .017 | .013 | .006 | BF | .008 | .009 | .012 | .016 | .022 | .028 | .037 | .041 | .047 | .044 | .043 | .044 | .038 | .036 | .033 | .031 | .026 | .020 | .023 | .020 | 23 | .047 | |
| 26 | .020 | .016 | .008 | BF | .013 | .012 | .014 | .023 | .035 | .044 | .052 | .055 | .059 | .059 | .058 | .060 | .060 | .056 | .046 | .044 | .020 | .012 | .005 | .001 | 23 | .060 | |
| 27 | .001 | .002 | .001 | BF | .001 | .001 | .006 | .025 | .035 | .045 | .051 | .051 | .051 | .053 | .054 | .054 | .055 | .050 | .044 | .039 | .025 | .031 | .020 | .017 | 23 | .055 | |
| 28 | .009 | .006 | .003 | BF | .002 | .007 | .014 | .024 | .032 | .037 | .044 | .050 | .051 | .052 | .053 | .055 | .055 | .054 | .045 | .029 | .015 | .005 | .021 | .021 | 23 | .055 | |
| 29 | .020 | .018 | .009 | BF | .001 | .001 | .002 | .012 | .038 | .046 | .051 | .056 | .057 | .056 | .056 | .055 | .053 | .050 | .044 | .024 | .023 | .031 | .033 | .030 | 23 | .057 | |
| 30 | .025 | .019 | .013 | BF | .002 | .001 | .010 | .022 | .027 | .025 | .022 | .024 | .021 | .021 | .021 | .022 | .019 | .021 | .017 | .012 | .009 | .007 | .007 | .010 | 23 | .027 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .036 | .034 | .034 | | .045 | .042 | .035 | .035 | .043 | .054 | .060 | .065 | .064 | .066 | .067 | .068 | .069 | .062 | .053 | .047 | .040 | .041 | .043 | .045 | | | |
| AVG: | .0161 | .0155 | .0132 | | .0117 | .0106 | .0139 | .0216 | .0296 | .0360 | .0400 | .0426 | .0445 | .0446 | .0447 | .0439 | .0425 | .0405 | .0350 | .0285 | .0225 | .0196 | .0185 | .0178 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0284 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-051-0008 POC: 1
 COUNTY: (051) Cumberland
 CITY: (70340) Wade
 SITE ADDRESS: 7112 Covington Lane
 SITE COMMENTS: ADJACENT TO TOWN HALL OF WADE PROPERTY CAROLINA POWER ELECTRIC METER NO. NO METER
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.158686
 LONGITUDE: -78.728035
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 45
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .010 | .012 | .011 | BF | .016 | .012 | .012 | .013 | .014 | .015 | .016 | .018 | .021 | .025 | .028 | .030 | .031 | .028 | .019 | .014 | .029 | .016 | .017 | .013 | 23 | .031 |
| 2 | .013 | .012 | .011 | BF | .006 | .011 | .014 | .023 | .030 | .036 | .040 | .043 | .045 | .045 | .042 | .041 | .040 | .034 | .029 | .021 | .018 | .010 | .006 | .004 | 23 | .045 |
| 3 | .002 | .003 | .004 | BF | .001 | .001 | .006 | .021 | .034 | .043 | .049 | .051 | .047 | .033 | .036 | .030 | .024 | .021 | .019 | .013 | .010 | .008 | .004 | .004 | 23 | .051 |
| 4 | .001 | .003 | .003 | BF | .005 | .006 | .010 | .018 | .025 | .029 | .030 | .030 | .030 | .031 | .032 | .034 | .034 | .033 | .028 | .015 | .006 | .004 | .007 | .010 | 23 | .034 |
| 5 | .009 | .003 | .001 | BF | .000 | .004 | .008 | .017 | .026 | .031 | .031 | .031 | .033 | .035 | .036 | .036 | .037 | .038 | .034 | .033 | .016 | .021 | .012 | .021 | 23 | .038 |
| 6 | .024 | .017 | .014 | BF | .011 | .012 | BA | BA | .027 | .035 | .035 | .036 | .035 | .034 | .034 | .037 | .037 | .035 | .031 | .021 | .025 | .015 | .009 | .006 | 21 | .037 |
| 7 | .006 | .016 | .017 | BF | .023 | .021 | .021 | .025 | .030 | .032 | .034 | .037 | .039 | .039 | .042 | .048 | .050 | .049 | .043 | .038 | .028 | .017 | .017 | .016 | 23 | .050 |
| 8 | .012 | .011 | .009 | BF | .013 | .017 | .021 | .026 | .033 | .039 | .045 | .048 | .046 | .050 | .041 | .036 | .036 | .044 | .039 | .039 | .044 | .034 | .022 | .018 | 23 | .050 |
| 9 | .017 | .021 | .017 | BF | .018 | .016 | .017 | .023 | AV | AV | AV | AV | AV | .041 | .044 | .047 | .044 | .044 | .038 | .030 | .025 | .023 | .021 | .022 | 18 | .047 |
| 10 | .020 | .017 | .014 | BF | .008 | .008 | .010 | .019 | .029 | .032 | .041 | .048 | .038 | .034 | .037 | .036 | .030 | .027 | .027 | .023 | .026 | .021 | .015 | .009 | 23 | .048 |
| 11 | .009 | .009 | .010 | BF | .012 | .015 | .016 | .021 | .028 | .035 | .040 | .046 | .046 | .044 | .044 | .045 | .043 | .041 | .034 | .037 | .025 | .026 | .026 | .023 | 23 | .046 |
| 12 | .017 | .016 | .015 | BF | .009 | .005 | AZ | AZ | .029 | .037 | .038 | .040 | .043 | .046 | .045 | .040 | .039 | .037 | .027 | .019 | .019 | .021 | .017 | .015 | 21 | .046 |
| 13 | .012 | .009 | .008 | BF | .003 | .001 | .004 | .011 | .019 | .026 | .031 | .037 | .038 | .042 | .038 | .040 | .041 | .036 | .025 | .019 | .018 | .018 | .017 | .014 | 23 | .042 |
| 14 | .011 | .010 | .010 | BF | .008 | .006 | .008 | .012 | .021 | .029 | .034 | .037 | .038 | .040 | .044 | .045 | .037 | .038 | .036 | .029 | .024 | .021 | .021 | .018 | 23 | .045 |
| 15 | .017 | .014 | .013 | BF | .011 | .009 | .011 | .020 | .029 | .036 | .039 | .043 | .045 | .043 | .040 | .040 | .045 | .037 | .039 | .033 | .023 | .021 | .023 | .021 | 23 | .045 |
| 16 | .018 | .012 | .007 | BF | .007 | .007 | .009 | .015 | .020 | .027 | .031 | .033 | .041 | .044 | .043 | .038 | .039 | .037 | .031 | .023 | .017 | .011 | .014 | .011 | 23 | .044 |
| 17 | .011 | .014 | .011 | BF | .008 | .009 | .008 | .011 | .020 | .026 | .034 | .039 | .039 | .038 | .038 | .036 | .037 | .032 | .026 | .019 | .016 | .011 | .012 | .011 | 23 | .039 |
| 18 | .009 | .011 | .010 | BF | .002 | .001 | .006 | .009 | .012 | .017 | .026 | .035 | .043 | .041 | .037 | .033 | .035 | .028 | .019 | .018 | .026 | .032 | .032 | .022 | 23 | .043 |
| 19 | .010 | .010 | .013 | BF | .010 | .009 | .010 | .014 | .023 | .036 | .042 | .045 | .050 | .053 | .053 | .054 | .051 | .042 | .030 | .036 | .032 | .031 | .022 | 23 | .054 | |
| 20 | .020 | .011 | .012 | BF | .003 | .004 | .005 | .022 | .034 | .047 | .059 | .063 | .062 | .061 | .061 | .060 | .058 | .054 | .045 | .030 | .021 | .016 | .026 | .021 | 23 | .063 |
| 21 | .021 | .018 | .011 | BF | .006 | .003 | .008 | .019 | .034 | .048 | .056 | .065 | .062 | .060 | .056 | .054 | .041 | .034 | .034 | .031 | .026 | .017 | .013 | .011 | 23 | .065 |
| 22 | .009 | .009 | .008 | BF | .013 | .011 | .015 | .021 | .029 | .037 | .044 | .046 | .048 | .050 | .048 | .048 | .046 | .045 | .044 | .039 | .039 | .040 | .037 | .029 | 23 | .050 |
| 23 | .020 | .023 | .025 | BF | .024 | .024 | .024 | .026 | .030 | .039 | .051 | .055 | .056 | .058 | .053 | .045 | .042 | .045 | .037 | .036 | .028 | .021 | .022 | .023 | 23 | .058 |
| 24 | .021 | .020 | .019 | BF | .010 | .009 | .012 | .018 | .028 | .032 | .037 | .039 | .040 | .040 | .041 | .044 | .046 | .045 | .038 | .028 | .029 | .027 | .022 | .021 | 23 | .046 |
| 25 | .024 | .025 | .021 | BF | .018 | .016 | .014 | .018 | .027 | .039 | .045 | .051 | .058 | .065 | .068 | .069 | .068 | .067 | .059 | .038 | .025 | .016 | .026 | .022 | 23 | .069 |
| 26 | .030 | .033 | .036 | BF | .033 | .029 | .031 | .033 | .037 | .040 | .045 | .048 | .050 | .051 | .051 | .050 | .050 | .049 | .035 | .020 | .021 | .029 | .027 | .025 | 23 | .051 |
| 27 | .026 | .024 | .016 | BF | .007 | .003 | .005 | .018 | .032 | .041 | .046 | .047 | .046 | .049 | .052 | .053 | .050 | .040 | .027 | .024 | .025 | .028 | .028 | .027 | 23 | .053 |
| 28 | .024 | .019 | .015 | BF | .010 | .008 | .007 | .014 | .020 | .030 | .038 | .042 | .041 | .041 | .040 | .042 | .038 | .030 | .029 | .023 | .020 | .020 | .011 | .007 | 23 | .042 |
| 29 | .012 | .015 | .018 | BF | .016 | .015 | .014 | .018 | .022 | .027 | .035 | .044 | .046 | .047 | .048 | .047 | .046 | .048 | .043 | .043 | .045 | .046 | .039 | .034 | 23 | .048 |
| 30 | .035 | .035 | .032 | BF | .024 | .021 | .019 | .023 | .029 | .034 | .037 | .040 | .042 | .042 | .041 | .040 | .040 | .041 | .037 | .033 | .027 | .026 | .026 | .021 | 23 | .042 |
| 31 | .015 | .012 | .011 | BF | .008 | .012 | .015 | .021 | .032 | .040 | .048 | .050 | .050 | .050 | .051 | .050 | .048 | .045 | .038 | .028 | .017 | .023 | .024 | .023 | 23 | .051 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .035 | .035 | .036 | | .033 | .029 | .031 | .033 | .037 | .048 | .059 | .065 | .062 | .065 | .068 | .069 | .068 | .067 | .059 | .043 | .045 | .046 | .039 | .034 | | |
| AVG: | .0156 | .0150 | .0136 | | .0111 | .0105 | .0124 | .0189 | .0268 | .0338 | .0390 | .0428 | .0441 | .0447 | .0439 | .0436 | .0423 | .0399 | .0340 | .0275 | .0244 | .0217 | .0203 | .0175 | | |

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: .0280 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-051-0008 POC: 1
 COUNTY: (051) Cumberland
 CITY: (70340) Wade
 SITE ADDRESS: 7112 Covington Lane
 SITE COMMENTS: ADJACENT TO TOWN HALL OF WADE PROPERTY CAROLINA POWER ELECTRIC METER NO. NO METER
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.158686
 LONGITUDE: -78.728035
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 45
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .014 | .008 | .002 | BF | .001 | .001 | .004 | .016 | .028 | .038 | .045 | .044 | .045 | .048 | .052 | .054 | .055 | .048 | .040 | .017 | .001 | .009 | .016 | .018 | 23 | .055 |
| 2 | .016 | .008 | .005 | BF | .000 | .000 | .001 | .009 | .030 | .038 | .046 | .053 | .055 | .058 | .057 | .055 | .050 | .038 | .028 | .021 | .015 | .012 | .011 | .019 | 23 | .058 |
| 3 | .021 | .014 | .016 | BF | .013 | .011 | BA | BA | .020 | .028 | .040 | .046 | .042 | .041 | .041 | .038 | .036 | .029 | .024 | .016 | .010 | .010 | .012 | .013 | 21 | .046 |
| 4 | .010 | .009 | .014 | BF | .007 | .001 | .002 | .012 | .028 | .040 | .048 | .051 | .042 | .040 | .046 | .045 | .042 | .043 | .036 | .033 | .029 | .025 | .023 | .020 | 23 | .051 |
| 5 | .020 | .027 | .024 | BF | .017 | .015 | .014 | .017 | .020 | .028 | .034 | .040 | .044 | .047 | .048 | .047 | .042 | .039 | .029 | .023 | .015 | .014 | .008 | .020 | 23 | .048 |
| 6 | .017 | .008 | .006 | BF | .016 | .013 | .020 | .026 | .034 | .039 | .041 | .039 | .040 | .042 | .037 | .043 | .043 | .041 | .038 | .034 | .026 | .019 | .016 | .013 | 23 | .043 |
| 7 | .010 | .008 | .009 | BF | .014 | .011 | .007 | .008 | .014 | .020 | .027 | .030 | .030 | .029 | .032 | .028 | .027 | .023 | .025 | .018 | .018 | .016 | .014 | .012 | 23 | .032 |
| 8 | .011 | .010 | .007 | BF | .009 | .009 | .010 | .014 | .018 | .026 | .027 | .029 | .031 | .034 | .033 | .026 | .023 | .025 | .023 | .023 | .020 | .019 | .020 | .020 | 23 | .034 |
| 9 | .020 | .016 | .014 | BF | .014 | .014 | .016 | .020 | .029 | .035 | .037 | .040 | .037 | .039 | .041 | .040 | .037 | .034 | .035 | .024 | .014 | .006 | .001 | .008 | 23 | .041 |
| 10 | .004 | .001 | .000 | BF | .001 | .000 | .007 | .024 | .038 | .043 | .045 | .046 | .049 | .050 | .051 | .053 | .049 | .041 | .028 | .024 | .015 | .012 | .011 | .011 | 23 | .053 |
| 11 | .007 | .006 | .004 | BF | .000 | .000 | .002 | .016 | .022 | .025 | .031 | .040 | .044 | .043 | .044 | .042 | .038 | .027 | .025 | .019 | .014 | .011 | .012 | .012 | 23 | .044 |
| 12 | .010 | .010 | .008 | BF | .008 | .007 | .008 | .011 | .012 | .014 | .019 | .026 | .030 | .034 | .036 | .036 | .027 | .026 | .023 | .020 | .024 | .028 | .023 | .023 | 23 | .036 |
| 13 | .019 | .015 | .017 | BF | .013 | .007 | .006 | .009 | .017 | .024 | .028 | .029 | .029 | .030 | .030 | .031 | .030 | .027 | .023 | .021 | .016 | .016 | .012 | .015 | 23 | .031 |
| 14 | .018 | .016 | .014 | BF | .008 | .006 | .005 | .005 | .007 | .010 | .019 | .025 | .026 | .029 | .033 | .032 | .029 | .022 | .016 | .008 | .007 | .005 | .003 | .005 | 23 | .033 |
| 15 | .007 | .006 | .006 | BF | .005 | .004 | .007 | .014 | .024 | .029 | .032 | .035 | .041 | .047 | .044 | .037 | .025 | .025 | .018 | .009 | .020 | .018 | .015 | .011 | 23 | .047 |
| 16 | .008 | .005 | .002 | BF | .002 | .001 | .003 | .014 | .027 | .036 | .040 | .042 | .045 | .046 | .046 | .044 | .041 | .037 | .031 | .022 | .010 | .009 | .014 | .009 | 23 | .046 |
| 17 | .003 | .004 | .002 | BF | .000 | .000 | .001 | .014 | .027 | .033 | .036 | .037 | .038 | .034 | .033 | .023 | .024 | .021 | .018 | .008 | .008 | .005 | .005 | .003 | 23 | .038 |
| 18 | .003 | .004 | .004 | BF | .004 | .002 | .003 | .008 | .017 | .033 | .039 | .038 | .039 | .046 | .044 | .042 | .040 | .037 | .029 | .030 | .029 | .023 | .013 | .016 | 23 | .046 |
| 19 | .009 | .005 | .002 | BF | .000 | .000 | .003 | .018 | .032 | .041 | .047 | .049 | .050 | .050 | .051 | .051 | .051 | .045 | .034 | .026 | .018 | .013 | .012 | .006 | 23 | .051 |
| 20 | .002 | .000 | .000 | BF | .000 | .000 | .000 | .007 | .026 | .039 | .048 | .050 | .052 | .052 | .053 | .051 | .051 | .048 | .040 | .030 | .032 | .024 | .014 | .007 | 23 | .053 |
| 21 | .009 | .003 | .000 | BF | .000 | .001 | .005 | .011 | .025 | .036 | .041 | .043 | .042 | .041 | .036 | .043 | .042 | .041 | .031 | .015 | .007 | .011 | .013 | .007 | 23 | .043 |
| 22 | .001 | .000 | .001 | BF | .001 | .000 | .001 | .005 | .011 | .020 | .026 | .035 | .036 | .033 | .034 | .031 | .029 | .027 | .020 | .013 | .015 | .016 | .014 | .012 | 23 | .036 |
| 23 | .010 | .008 | .006 | BF | .004 | .003 | .004 | .010 | .021 | .034 | .043 | .048 | .051 | .044 | .051 | .054 | .047 | .036 | .033 | .023 | .012 | .016 | .020 | .028 | 23 | .054 |
| 24 | .025 | .021 | .022 | BF | .015 | .012 | .016 | .023 | .025 | .027 | .033 | .039 | .041 | .043 | .043 | .040 | .034 | .033 | .035 | .030 | .026 | .011 | .005 | .011 | 23 | .043 |
| 25 | .009 | .006 | .002 | BF | .005 | .003 | .004 | .018 | .039 | .045 | .049 | .049 | .051 | .051 | .051 | .050 | .048 | .043 | .032 | .026 | .017 | .018 | .013 | .005 | 23 | .051 |
| 26 | .005 | .006 | .009 | BF | .007 | .008 | .018 | .025 | .034 | .040 | .042 | .044 | .045 | .045 | .045 | .047 | .047 | .046 | .043 | .035 | .029 | .027 | .024 | .026 | 23 | .047 |
| 27 | .028 | .030 | .029 | BF | .026 | .024 | .024 | .030 | .039 | .045 | .048 | .049 | .049 | .048 | .048 | .048 | .049 | .047 | .045 | .040 | .037 | .037 | .032 | .032 | 23 | .049 |
| 28 | .032 | .030 | .029 | BF | .028 | .026 | .028 | .033 | .035 | .031 | .042 | .044 | .043 | .042 | .042 | .041 | .040 | .038 | .035 | .031 | .029 | .029 | .029 | .026 | 23 | .044 |
| 29 | .025 | .023 | .022 | BF | .020 | .020 | .021 | BA | BA | .023 | .029 | .036 | .033 | .030 | .029 | .028 | .025 | .022 | .022 | .022 | .022 | .019 | .017 | .013 | 21 | .036 |
| 30 | .013 | .013 | .012 | BF | .009 | .009 | .013 | .019 | .025 | .029 | .034 | .039 | .040 | .041 | .045 | .048 | .049 | .040 | .024 | .019 | .017 | .019 | .017 | .015 | 23 | .049 |
| 31 | .014 | .011 | .012 | BF | .008 | .008 | .009 | .013 | .018 | .026 | .037 | .040 | .037 | .034 | .036 | .034 | .030 | .027 | .021 | .016 | .010 | .012 | .011 | .008 | 23 | .040 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .032 | .030 | .029 | | .028 | .026 | .028 | .033 | .039 | .045 | .049 | .053 | .055 | .058 | .057 | .055 | .055 | .048 | .045 | .040 | .037 | .037 | .032 | .032 | | |
| AVG: | .0129 | .0107 | .0097 | | .0082 | .0070 | .0087 | .0155 | .0247 | .0315 | .0372 | .0405 | .0412 | .0416 | .0423 | .0414 | .0387 | .0347 | .0292 | .0225 | .0181 | .0164 | .0145 | .0143 | | |

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .0245 MONTHLY MAX: .058

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-051-0008 POC: 1
 COUNTY: (051) Cumberland
 CITY: (70340) Wade
 SITE ADDRESS: 7112 Covington Lane
 SITE COMMENTS: ADJACENT TO TOWN HALL OF WADE PROPERTY CAROLINA POWER ELECTRIC METER NO. NO METER
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.158686
 LONGITUDE: -78.728035
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 45
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .002 | .000 | .000 | BF | .003 | .002 | .004 | .008 | .013 | .021 | .027 | .029 | .029 | .029 | .027 | .026 | .021 | .017 | .023 | .025 | .024 | .024 | .018 | .014 | 23 | .029 | |
| 2 | .015 | .011 | .010 | BF | .002 | .003 | .004 | .003 | .011 | .014 | .016 | .021 | .029 | .031 | .032 | .033 | .034 | .034 | .027 | .017 | .015 | .011 | .012 | .012 | 23 | .034 | |
| 3 | .009 | .013 | .011 | BF | .006 | .008 | .010 | .011 | .016 | .022 | .029 | .033 | .034 | .035 | .036 | .037 | .038 | .038 | .028 | .023 | .013 | .002 | .000 | .001 | 23 | .038 | |
| 4 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .009 | .022 | .032 | .040 | .044 | .046 | .047 | .048 | .048 | .047 | .042 | .032 | .013 | .011 | .026 | .030 | .027 | 23 | .048 | |
| 5 | .016 | .017 | .015 | BF | .005 | .008 | .010 | .014 | .021 | .029 | .033 | .034 | .036 | .040 | .038 | .038 | .036 | .031 | .027 | .028 | .044 | .030 | .029 | .024 | 23 | .044 | |
| 6 | .023 | .027 | .024 | BF | .016 | .018 | .024 | .025 | .025 | .029 | .036 | .034 | .034 | .032 | .025 | .026 | .031 | .030 | .025 | .018 | .017 | .017 | .017 | .018 | 23 | .036 | |
| 7 | .017 | .013 | .013 | BF | .012 | .009 | .010 | .013 | .020 | .030 | .039 | .042 | .043 | .044 | .044 | .045 | .044 | .041 | .029 | .020 | .012 | .010 | .002 | .000 | 23 | .045 | |
| 8 | .000 | .000 | .000 | BF | .000 | .004 | .005 | .011 | .022 | .031 | .035 | .042 | .044 | .046 | .048 | .048 | .049 | .046 | .031 | .016 | .012 | .011 | .011 | .006 | 23 | .049 | |
| 9 | .002 | .003 | .001 | BF | .003 | .005 | .006 | .013 | .026 | .037 | .044 | .044 | .044 | .044 | .042 | .042 | .042 | .041 | .039 | .035 | .036 | .035 | .030 | .027 | 23 | .044 | |
| 10 | .025 | .024 | .023 | BF | .023 | .024 | .021 | .023 | .023 | .025 | .028 | .031 | .032 | .034 | .034 | .033 | .032 | .030 | .026 | .024 | .022 | .021 | .024 | .026 | 23 | .034 | |
| 11 | .026 | .025 | .025 | BF | .023 | .023 | .024 | .024 | .024 | .024 | .024 | .024 | .024 | .025 | .025 | .023 | .022 | .022 | .022 | .022 | .022 | .022 | .023 | .023 | 23 | .026 | |
| 12 | .023 | .023 | .022 | BF | .022 | .021 | .020 | .022 | .021 | .023 | .019 | .020 | .022 | .023 | .023 | .024 | .023 | .020 | .011 | .011 | .019 | .018 | .016 | .016 | 23 | .024 | |
| 13 | .009 | .007 | .004 | BF | .005 | .003 | .002 | .007 | .019 | .026 | .034 | .042 | .042 | .041 | .041 | .040 | .037 | .033 | .022 | .018 | .020 | .021 | .019 | .015 | 23 | .042 | |
| 14 | .014 | .014 | .012 | BF | .006 | .005 | .004 | .008 | .019 | .028 | .041 | .046 | .048 | .048 | .039 | .037 | .034 | .026 | .012 | .003 | .004 | .009 | .012 | .007 | 23 | .048 | |
| 15 | .002 | .002 | .001 | BF | .000 | .000 | .000 | .004 | .013 | .027 | .043 | .048 | .046 | .046 | .048 | .045 | .045 | .031 | .023 | .014 | .007 | .001 | .001 | .001 | 23 | .048 | |
| 16 | .002 | .001 | .002 | BF | .007 | .008 | .008 | .010 | .021 | .033 | .042 | .043 | .044 | .043 | .042 | .042 | .040 | .033 | .024 | .012 | .009 | .012 | .011 | .012 | 23 | .044 | |
| 17 | .007 | .011 | .010 | BF | .008 | .011 | .011 | .017 | .022 | .028 | .034 | .036 | .037 | .039 | .040 | .041 | .040 | .036 | .030 | .025 | .015 | .018 | .018 | .013 | 23 | .041 | |
| 18 | .009 | .011 | .012 | BF | .012 | .013 | .010 | .011 | .019 | .031 | .035 | .038 | .040 | .043 | .043 | .040 | .038 | .037 | .025 | .025 | .016 | .016 | .020 | .015 | 23 | .043 | |
| 19 | .015 | .013 | .014 | BF | .011 | .010 | .009 | .013 | .018 | .024 | .031 | .036 | .039 | .037 | .039 | .040 | .040 | .036 | .027 | .021 | .015 | .005 | .000 | .000 | 23 | .040 | |
| 20 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .006 | .023 | .038 | .048 | .048 | .048 | .051 | .050 | .051 | .050 | .036 | .015 | .017 | .027 | .027 | .021 | .012 | .006 | 23 | .051 |
| 21 | .001 | .001 | .000 | BF | .000 | .000 | BA | BA | .020 | .030 | .040 | .051 | .058 | .057 | .057 | .055 | .048 | .043 | .040 | .036 | .032 | .019 | .012 | .006 | 21 | .058 | |
| 22 | .009 | .006 | .003 | BF | .003 | .001 | .000 | .006 | .023 | .035 | .045 | .049 | .051 | .054 | .060 | .065 | .059 | .047 | .030 | .014 | .001 | .004 | .002 | .005 | 23 | .065 | |
| 23 | .001 | .001 | .000 | BF | .000 | .000 | .000 | .004 | .016 | .037 | .050 | .055 | .056 | .056 | .056 | .056 | .051 | .043 | .036 | .023 | .021 | .023 | .015 | .012 | 23 | .056 | |
| 24 | .017 | .020 | .013 | BF | .008 | .009 | .011 | .014 | .024 | .037 | .044 | .046 | .048 | .050 | .050 | .047 | .043 | .042 | .028 | .019 | .014 | .025 | .028 | .025 | 23 | .050 | |
| 25 | .025 | .018 | .025 | BF | .033 | .031 | .029 | .029 | .030 | .029 | .029 | .028 | .030 | .030 | .028 | .028 | .029 | .029 | .028 | .029 | .026 | .024 | .021 | .019 | 23 | .033 | |
| 26 | .019 | .018 | .016 | BF | .015 | .014 | .014 | .014 | .015 | .015 | .017 | .021 | .024 | .025 | .025 | .025 | .027 | .026 | .025 | .022 | .021 | .019 | .018 | .017 | 23 | .027 | |
| 27 | .016 | .016 | .016 | BF | .013 | .010 | .010 | BA | BA | .023 | .027 | .031 | .032 | .037 | .037 | .043 | .043 | .035 | .029 | .021 | .020 | .012 | .013 | .015 | 21 | .043 | |
| 28 | .012 | .010 | .009 | BF | .008 | .007 | .005 | .017 | .033 | .044 | .055 | .065 | .070 | .068 | .067 | .067 | .063 | .046 | .033 | .019 | .019 | .012 | .021 | .036 | 23 | .070 | |
| 29 | .040 | .041 | .041 | BF | .039 | .038 | .037 | .036 | .035 | .039 | .042 | .044 | .044 | .043 | .042 | .039 | .036 | .034 | .030 | .028 | .026 | .021 | .014 | .013 | 23 | .044 | |
| 30 | .016 | .015 | .015 | BF | .016 | .015 | .012 | .014 | .024 | .032 | .043 | .045 | .047 | .049 | .049 | .050 | .049 | .043 | .038 | .033 | .030 | .032 | .031 | .030 | 23 | .050 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 29 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .040 | .041 | .041 | | .039 | .038 | .037 | .036 | .035 | .044 | .055 | .065 | .070 | .068 | .067 | .067 | .063 | .047 | .040 | .036 | .044 | .035 | .031 | .036 | | | |
| AVG: | .0124 | .0120 | .0112 | | .0100 | .0100 | .0103 | .0138 | .0213 | .0291 | .0357 | .0390 | .0408 | .0415 | .0412 | .0411 | .0392 | .0342 | .0272 | .0214 | .0190 | .0174 | .0160 | .0147 | | | |

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .0243 MONTHLY MAX: .070

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-051-0008 POC: 1
 COUNTY: (051) Cumberland
 CITY: (70340) Wade
 SITE ADDRESS: 7112 Covington Lane
 SITE COMMENTS: ADJACENT TO TOWN HALL OF WADE PROPERTY CAROLINA POWER ELECTRIC METER NO. NO METER
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.158686
 LONGITUDE: -78.728035
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 45
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .029 | .028 | .027 | BF | .023 | .023 | .022 | .022 | .025 | .029 | .033 | .037 | .039 | .040 | .041 | .040 | .039 | .034 | .025 | .026 | .027 | .025 | .019 | .011 | 23 | .041 |
| 2 | .016 | .006 | .011 | BF | .014 | .012 | .013 | .017 | .025 | .033 | .038 | .040 | .042 | .043 | .045 | .046 | .045 | .038 | .030 | .026 | .024 | .026 | .025 | .019 | 23 | .046 |
| 3 | .019 | .020 | .019 | BF | .019 | .015 | .015 | .021 | .032 | .040 | .043 | .046 | .050 | .052 | .053 | .052 | .050 | .044 | .032 | .020 | .007 | .015 | .022 | .022 | 23 | .053 |
| 4 | .022 | .021 | .021 | BF | .012 | .012 | .010 | .013 | .017 | .024 | .032 | .038 | .042 | .047 | .046 | .045 | .043 | .035 | .019 | .011 | .002 | .002 | .001 | .003 | 23 | .047 |
| 5 | .002 | .006 | .008 | BF | .004 | .001 | .001 | .007 | .016 | .036 | .043 | .045 | .044 | .043 | .042 | .040 | .038 | .031 | .013 | .004 | .002 | .006 | .011 | .011 | 23 | .045 |
| 6 | .008 | .005 | .003 | BF | .000 | .000 | .000 | .002 | .016 | .029 | .035 | .036 | .036 | .037 | .037 | .037 | .036 | .029 | .017 | .020 | .024 | .023 | .017 | .010 | 23 | .037 |
| 7 | .007 | .002 | .000 | BF | .001 | .001 | .004 | .005 | .013 | .021 | .025 | .025 | .024 | .019 | .018 | .013 | .013 | .010 | .008 | .008 | .010 | .011 | .011 | .010 | 23 | .025 |
| 8 | .010 | .010 | .009 | BF | .006 | .006 | .005 | .006 | .006 | .005 | .007 | .011 | .014 | .013 | .011 | .012 | .009 | .008 | .011 | .010 | .011 | .010 | .012 | .012 | 23 | .014 |
| 9 | .012 | .012 | .011 | BF | .010 | .009 | .009 | .009 | .009 | .009 | .011 | .014 | .019 | .021 | .022 | .019 | .016 | .015 | .013 | .010 | .007 | .005 | .005 | .006 | 23 | .022 |
| 10 | .005 | .004 | .003 | BF | .002 | .002 | .001 | .003 | .009 | .014 | .019 | .025 | .030 | .030 | .029 | .025 | .020 | .021 | .015 | .007 | .005 | .005 | .004 | .006 | 23 | .030 |
| 11 | .007 | .005 | .002 | BF | .001 | .003 | .002 | .002 | .003 | .005 | .006 | .007 | .011 | .019 | .027 | .027 | .023 | .017 | .009 | .012 | .010 | .011 | .008 | .005 | 23 | .027 |
| 12 | .005 | .004 | .003 | BF | .004 | .003 | BA | BA | .012 | .018 | .027 | .033 | .036 | .039 | .039 | .032 | .028 | .028 | .028 | .027 | .025 | .021 | .021 | .023 | 21 | .039 |
| 13 | .024 | .024 | .024 | BF | .023 | .023 | .022 | .021 | .020 | .021 | .026 | .029 | .031 | .033 | .035 | .033 | .032 | .030 | .028 | .025 | .022 | .022 | .020 | .019 | 23 | .035 |
| 14 | .017 | .022 | .025 | BF | .026 | .026 | .025 | .025 | .026 | .028 | .025 | .025 | .026 | .026 | .027 | .029 | .028 | .019 | .011 | .009 | .008 | .003 | .001 | .000 | 23 | .029 |
| 15 | .000 | .000 | .002 | BF | .005 | .008 | .009 | .010 | .013 | .018 | .022 | .029 | .036 | .038 | .038 | .037 | .034 | .028 | .023 | .021 | .017 | .011 | .009 | .011 | 23 | .038 |
| 16 | .013 | .011 | .009 | BF | .008 | .007 | .006 | .003 | .010 | .017 | .024 | .022 | .020 | .019 | .021 | .022 | .019 | .018 | .013 | .011 | .007 | .007 | .011 | .014 | 23 | .024 |
| 17 | .015 | .018 | .019 | BF | .019 | .020 | .019 | .020 | .022 | .025 | .028 | .033 | .036 | .038 | .039 | .040 | .039 | .033 | .018 | .002 | .002 | .004 | .004 | .005 | 23 | .040 |
| 18 | .007 | .002 | .000 | BF | .005 | .005 | .006 | .010 | .019 | .028 | .036 | .038 | .040 | .042 | .044 | .045 | .042 | .030 | .018 | .010 | .008 | .002 | .001 | .002 | 23 | .045 |
| 19 | .004 | .004 | .009 | BF | .007 | .003 | .004 | .008 | .013 | .018 | .029 | .035 | .040 | .043 | .044 | .043 | .041 | .031 | .012 | .004 | .001 | .000 | .000 | .000 | 23 | .044 |
| 20 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .001 | .016 | .030 | .038 | .046 | .053 | .055 | .057 | .061 | .061 | .046 | .027 | .006 | .000 | .000 | .001 | .000 | 23 | .061 |
| 21 | .000 | .000 | .000 | BF | .001 | .001 | .000 | .004 | .009 | .021 | .039 | .054 | .055 | .057 | .056 | .056 | .045 | .024 | .006 | .002 | .001 | .001 | .007 | .008 | 23 | .057 |
| 22 | .003 | .003 | .002 | BF | .000 | .000 | .002 | .005 | .015 | .038 | .048 | .051 | .051 | .051 | .051 | .049 | .045 | .038 | .029 | .028 | .028 | .029 | .028 | .028 | 23 | .051 |
| 23 | .028 | .025 | .023 | BF | .023 | .022 | .021 | .018 | .020 | .025 | .034 | .041 | .040 | .041 | .038 | .037 | .034 | .031 | .027 | .025 | .026 | .025 | .040 | .035 | 23 | .041 |
| 24 | .029 | .021 | .024 | BF | .015 | .012 | .014 | .014 | .016 | .025 | .030 | .035 | .039 | .041 | .041 | .042 | .038 | .026 | .018 | .011 | .011 | .018 | .025 | .027 | 23 | .042 |
| 25 | .028 | .025 | .019 | BF | .017 | .009 | .004 | .011 | .024 | .032 | .038 | .041 | .042 | .043 | .044 | .044 | .042 | .037 | .029 | .027 | .021 | .019 | .025 | .022 | 23 | .044 |
| 26 | .016 | .025 | .020 | BF | .010 | .012 | .014 | .014 | .019 | .027 | .032 | .036 | .039 | .042 | .043 | .044 | .043 | .035 | .015 | .005 | .000 | .003 | .001 | .003 | 23 | .044 |
| 27 | .000 | .000 | .001 | BF | .000 | .000 | .003 | .002 | .013 | .024 | .039 | .044 | .047 | .048 | .048 | .047 | .046 | .040 | .035 | .037 | .035 | .033 | .028 | .024 | 23 | .048 |
| 28 | .019 | .014 | .012 | BF | .003 | .001 | .002 | .001 | .017 | .034 | .035 | .038 | .031 | .040 | .041 | .040 | .038 | .035 | .031 | .030 | .031 | .031 | .030 | .029 | 23 | .041 |
| 29 | .030 | .030 | .026 | BF | .017 | .009 | .015 | .007 | .013 | .016 | .017 | .020 | .019 | .024 | .034 | .030 | .020 | .020 | .022 | .022 | .023 | .023 | .022 | .022 | 23 | .034 |
| 30 | .023 | .023 | .022 | BF | .020 | .019 | .019 | .020 | .024 | .026 | .028 | .030 | .032 | .034 | .036 | .037 | .036 | .027 | .006 | .008 | .004 | .004 | .006 | .008 | 23 | .037 |
| 31 | .008 | .009 | .008 | BF | .011 | .008 | .006 | .006 | .014 | .021 | .027 | .032 | .036 | .038 | .041 | .043 | .040 | .020 | .006 | .000 | .000 | .000 | .000 | .000 | 23 | .043 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .030 | .030 | .027 | | .026 | .026 | .025 | .025 | .032 | .040 | .048 | .054 | .055 | .057 | .057 | .061 | .061 | .046 | .035 | .037 | .035 | .033 | .040 | .035 | | |
| AVG: | .0131 | .0122 | .0117 | | .0099 | .0088 | .0091 | .0102 | .0163 | .0238 | .0296 | .0336 | .0355 | .0373 | .0382 | .0375 | .0349 | .0283 | .0191 | .0149 | .0128 | .0128 | .0134 | .0128 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0207 MONTHLY MAX: .061

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-051-0008 POC: 1
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 CITY: (70340) Wade
 SITE ADDRESS: 7112 Covington Lane
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 AQCR: (169) SANDHILLS
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 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
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 LONGITUDE: -78.728035
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 45
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .000 | .000 | .000 | BF | | | | | | | | | | | | | | | | | | | | | 3 | 0.000 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | 0.000 | 0.000 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | 0.0000 | 0.0000 | 0.0000 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: 0.0000 MONTHLY MAX: 0.000

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .023 | .023 | .022 | BF | .020 | .020 | .021 | .022 | .023 | .026 | .025 | .024 | .026 | .028 | .032 | .032 | .032 | .032 | .030 | .029 | .028 | .027 | .030 | .031 | 23 | .032 |
| 2 | .032 | .030 | .030 | BF | .033 | .041 | .041 | .039 | .039 | .040 | .040 | .042 | .043 | .045 | .046 | .046 | .046 | .042 | .036 | .027 | .019 | .024 | .029 | .026 | 23 | .046 |
| 3 | .032 | .037 | .034 | BF | .029 | .025 | .013 | .011 | .026 | .036 | .040 | .044 | .046 | .046 | .047 | .048 | .048 | .046 | .045 | .042 | .041 | .039 | .038 | .036 | 23 | .048 |
| 4 | .032 | .030 | .031 | BF | .019 | AE | AE | AE | AE | .038 | .040 | .042 | .044 | .046 | .047 | .049 | .050 | .050 | .036 | .031 | .012 | .010 | .005 | .002 | 19 | .050 |
| 5 | .001 | .001 | .001 | BF | .000 | AE | AE | AE | AE | .038 | .039 | .041 | .043 | .046 | .049 | .050 | .050 | .046 | .038 | .030 | .030 | .038 | .037 | .034 | 19 | .050 |
| 6 | .027 | .023 | .021 | BF | .022 | .019 | .010 | .012 | .026 | .031 | .040 | .044 | .050 | .055 | .054 | .055 | .056 | .057 | .035 | .040 | .047 | .047 | .041 | .032 | 23 | .057 |
| 7 | .023 | .021 | .015 | BF | .016 | .007 | .001 | .009 | .031 | .047 | .050 | .052 | .051 | .051 | .050 | .050 | .047 | .045 | .044 | .043 | .042 | .041 | .040 | 23 | .052 | |
| 8 | .040 | .041 | .040 | BF | .037 | .035 | .031 | .030 | .034 | .032 | .034 | .041 | .046 | .050 | .052 | .054 | .055 | .051 | .049 | .035 | .029 | .027 | .010 | .015 | 23 | .055 |
| 9 | .021 | .032 | .009 | BF | .006 | .005 | .002 | .002 | .012 | .024 | .044 | .051 | .053 | .055 | .056 | .056 | .057 | .056 | .053 | .049 | .048 | .049 | .050 | .050 | 23 | .057 |
| 10 | .051 | .049 | .047 | BF | .044 | .042 | .040 | .040 | .037 | .040 | .042 | .047 | .049 | .050 | .047 | .048 | .049 | .050 | .047 | .044 | .044 | .044 | .045 | .044 | 23 | .051 |
| 11 | .042 | .042 | .040 | BF | .038 | .035 | .027 | .028 | .037 | .040 | .042 | .045 | .046 | .051 | .047 | .049 | .047 | .046 | .040 | .035 | .028 | .019 | .018 | .028 | 23 | .051 |
| 12 | .029 | .033 | .035 | BF | .042 | .042 | .040 | .037 | .035 | .036 | .035 | .035 | .037 | .039 | .039 | .040 | .040 | .040 | .037 | .027 | .016 | .010 | .004 | .003 | 23 | .042 |
| 13 | .001 | .002 | .006 | BF | .022 | .027 | .028 | .030 | .033 | .035 | .035 | .035 | .035 | .036 | .036 | .035 | .034 | .031 | .030 | .032 | .033 | .033 | .035 | .036 | 23 | .036 |
| 14 | .033 | .032 | .032 | BF | .034 | .035 | .035 | .033 | .033 | .033 | .034 | .038 | .040 | .039 | .037 | .038 | .039 | .035 | .037 | .038 | .038 | .038 | .038 | .039 | 23 | .040 |
| 15 | .040 | .039 | .041 | BF | .040 | .037 | .035 | .036 | .041 | .041 | .043 | .044 | .045 | .046 | .047 | .048 | .048 | .046 | .045 | .041 | .041 | .037 | .037 | .038 | 23 | .048 |
| 16 | .039 | .039 | .038 | BF | .035 | .031 | .030 | .032 | .037 | .041 | .043 | .043 | .046 | .048 | .050 | .052 | .052 | .053 | .050 | .041 | .035 | .029 | .020 | .019 | 23 | .053 |
| 17 | .016 | .011 | .009 | BF | .002 | .001 | .001 | .004 | .022 | .041 | .046 | .048 | .051 | .055 | .057 | .058 | .058 | .058 | .054 | .053 | .055 | .055 | .055 | .056 | 23 | .058 |
| 18 | .054 | .052 | .051 | BF | .038 | .043 | .045 | .043 | .040 | .040 | .042 | .043 | .042 | .043 | .047 | .050 | .048 | .039 | .044 | .043 | .038 | .029 | .020 | .037 | 23 | .054 |
| 19 | .036 | .035 | .034 | BF | .030 | .027 | .024 | .023 | .024 | .029 | .032 | .035 | .038 | .038 | .040 | .041 | .041 | .041 | .038 | .026 | .023 | .021 | .011 | .012 | 23 | .041 |
| 20 | .012 | .011 | .008 | BF | .007 | .009 | .004 | .009 | .016 | .028 | .033 | .040 | .043 | .045 | .047 | .050 | .055 | .052 | .045 | .041 | .021 | .023 | .032 | .037 | 23 | .055 |
| 21 | .037 | .035 | .034 | BF | .033 | .034 | .033 | .033 | .036 | .042 | .047 | .052 | .056 | .058 | .061 | .062 | .063 | .063 | .050 | .036 | .018 | .034 | .047 | .045 | 23 | .063 |
| 22 | .043 | .041 | .040 | BF | .036 | .036 | BA | .037 | .041 | .044 | .047 | .047 | .048 | .048 | .051 | .053 | .053 | .052 | .049 | .048 | .046 | .045 | .044 | .042 | 22 | .053 |
| 23 | .040 | .038 | .038 | BF | .038 | .035 | .031 | .034 | .040 | .045 | .045 | .047 | .049 | .051 | .052 | .053 | .054 | .053 | .048 | .039 | .037 | .038 | .037 | .040 | 23 | .054 |
| 24 | .040 | .040 | .035 | BF | .032 | .027 | .021 | .031 | .036 | .041 | .046 | .050 | .051 | .051 | .052 | .052 | .054 | .053 | .051 | .048 | .046 | .045 | .043 | .043 | 23 | .054 |
| 25 | .040 | .038 | .035 | BF | .021 | .014 | .012 | .020 | .033 | .041 | .046 | .047 | .048 | .048 | .047 | .047 | .047 | .045 | .042 | .042 | .040 | .039 | .038 | .037 | 23 | .048 |
| 26 | .035 | .026 | .015 | BF | .009 | .005 | .008 | .015 | .027 | .033 | .041 | .047 | .047 | .047 | .048 | .049 | .049 | .048 | .046 | .043 | .042 | .041 | .041 | .040 | 23 | .049 |
| 27 | .039 | .036 | .031 | BF | .028 | .021 | .010 | .018 | .025 | .031 | .038 | .043 | .045 | .045 | .046 | .046 | .047 | .045 | .041 | .043 | .043 | .040 | .038 | .037 | 23 | .047 |
| 28 | .035 | .034 | .034 | BF | .033 | .032 | .029 | .022 | .029 | .031 | .034 | .037 | .043 | .045 | .045 | .046 | .048 | .052 | .050 | .038 | .028 | .029 | .042 | .042 | 23 | .052 |
| 29 | .041 | .039 | .036 | BF | .039 | .038 | .037 | .039 | .041 | .042 | .045 | .049 | .051 | .052 | .054 | .056 | .057 | .052 | .047 | .039 | .040 | .040 | .038 | .039 | 23 | .057 |
| 30 | .041 | .038 | .034 | BF | .029 | .024 | .025 | .028 | .030 | .033 | .036 | .039 | .043 | .046 | .047 | .052 | .052 | .050 | .048 | .047 | .047 | .046 | .045 | .043 | 23 | .052 |
| 31 | .040 | .038 | .037 | BF | .033 | .037 | .040 | .043 | .039 | .039 | .042 | .042 | .044 | .046 | .048 | .049 | .049 | .049 | .050 | .052 | .041 | .040 | .038 | .036 | 23 | .052 |
| NO.: | 31 | 31 | 31 | | 31 | 29 | 28 | 29 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .054 | .052 | .051 | | .044 | .043 | .045 | .043 | .041 | .047 | .050 | .052 | .056 | .058 | .061 | .062 | .063 | .063 | .054 | .053 | .055 | .055 | .055 | .056 | | |
| AVG: | .0327 | .0318 | .0295 | | .0273 | .0270 | .0241 | .0262 | .0318 | .0367 | .0402 | .0430 | .0451 | .0467 | .0477 | .0488 | .0493 | .0477 | .0437 | .0395 | .0354 | .0348 | .0338 | .0342 | | |

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: .0374 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .034 | .031 | .030 | BF | .025 | .027 | .025 | .027 | .032 | .034 | .037 | .040 | .042 | .045 | .046 | .047 | .048 | .047 | .045 | .042 | .042 | .038 | .039 | .035 | 23 | .048 | |
| 2 | .034 | .034 | .034 | BF | .032 | .030 | .028 | .029 | .033 | .034 | .036 | .039 | .043 | .046 | .047 | .047 | .046 | .045 | .041 | .036 | .040 | .039 | .038 | .038 | 23 | .047 | |
| 3 | .039 | .037 | .036 | BF | .034 | .031 | .031 | .036 | .038 | .041 | .044 | .048 | .048 | .050 | .050 | .045 | .042 | .042 | .041 | .040 | .041 | .040 | .037 | .035 | 23 | .050 | |
| 4 | .035 | .035 | .034 | BF | .032 | .031 | .029 | .030 | .031 | .034 | .037 | .040 | .042 | .046 | .051 | .052 | .053 | .053 | .050 | .050 | .048 | .043 | .037 | .037 | 23 | .053 | |
| 5 | .034 | .020 | .016 | BF | .021 | .019 | .007 | .016 | .019 | .024 | .032 | .040 | .041 | .038 | .031 | .025 | .036 | .038 | .038 | .037 | .037 | .035 | .032 | .029 | 23 | .041 | |
| 6 | .032 | .031 | .030 | BF | .031 | .032 | .036 | .035 | .034 | .039 | .041 | .044 | .044 | .045 | .045 | .042 | .042 | .041 | .039 | .039 | .038 | .037 | .036 | .035 | 23 | .045 | |
| 7 | .034 | .035 | .038 | BF | .037 | .036 | .034 | .034 | .037 | .040 | .043 | .045 | .046 | .048 | .049 | .048 | .049 | .050 | .046 | .039 | .040 | .039 | .036 | .034 | 23 | .050 | |
| 8 | .033 | .024 | .019 | BF | .018 | .015 | .020 | .026 | .043 | .046 | .048 | .051 | .054 | .055 | .056 | .056 | .055 | .056 | .049 | .045 | .026 | .019 | .012 | .009 | 23 | .056 | |
| 9 | .005 | .004 | .004 | BF | .009 | .003 | .005 | .021 | .032 | .044 | .051 | .058 | .060 | .062 | .063 | .061 | .061 | .060 | .057 | .051 | .051 | .050 | .048 | .048 | 23 | .063 | |
| 10 | .048 | .047 | .032 | BF | .018 | .009 | .004 | .026 | .042 | .049 | .054 | .055 | .056 | .057 | .057 | .056 | .053 | .053 | .050 | .046 | .046 | .046 | .044 | .042 | 23 | .057 | |
| 11 | .039 | .038 | .028 | BF | .016 | .003 | .006 | .026 | .039 | .047 | .050 | .053 | .055 | .054 | .053 | .054 | .058 | .056 | .049 | .044 | .042 | .041 | .040 | .038 | 23 | .058 | |
| 12 | .035 | .030 | .026 | BF | .014 | .011 | .010 | .023 | .035 | .042 | .045 | .047 | .051 | .051 | .054 | .056 | .057 | .053 | .048 | .041 | .026 | .029 | .032 | .030 | 23 | .057 | |
| 13 | .031 | .020 | .020 | BF | .009 | .005 | .005 | .014 | .025 | .025 | .040 | .050 | .053 | .053 | .055 | .055 | .053 | .052 | .049 | .044 | .043 | .039 | .036 | .038 | 23 | .055 | |
| 14 | .037 | .037 | .039 | BF | .033 | .027 | .029 | .037 | .041 | .043 | .045 | .050 | .052 | .054 | .055 | .057 | .057 | .056 | .054 | .049 | .042 | .039 | .038 | .034 | 23 | .057 | |
| 15 | .030 | .026 | .021 | BF | .009 | .010 | .009 | .015 | .031 | .043 | .048 | .053 | .055 | .054 | .055 | .057 | .058 | .059 | .057 | .050 | .045 | .046 | .047 | .046 | 23 | .059 | |
| 16 | .045 | .044 | .045 | BF | .043 | .039 | .038 | .040 | .045 | .050 | .051 | .051 | .053 | .054 | .057 | .058 | .057 | .057 | .054 | .050 | .049 | .044 | .043 | .043 | 23 | .058 | |
| 17 | .042 | .042 | .042 | BF | .040 | .039 | .040 | .040 | .040 | .046 | .051 | .053 | .054 | .056 | .055 | .054 | .054 | .055 | .053 | .047 | .044 | .039 | .031 | .024 | 23 | .056 | |
| 18 | .025 | .025 | .024 | BF | .025 | .023 | .025 | .029 | .031 | .034 | .038 | .039 | .038 | .041 | .038 | .041 | .041 | .043 | .043 | .040 | .041 | .040 | .041 | .042 | 23 | .043 | |
| 19 | .040 | .040 | .039 | BF | .036 | .035 | .032 | .032 | .032 | .032 | .035 | .040 | .041 | .044 | .047 | .049 | .049 | .047 | .038 | .030 | .030 | .024 | .017 | .019 | 23 | .049 | |
| 20 | .012 | .008 | .006 | BF | .002 | .002 | BA | .020 | .035 | .038 | .041 | .043 | .046 | .045 | .045 | .045 | .047 | .048 | .043 | .035 | .030 | .029 | .030 | .029 | 22 | .048 | |
| 21 | .028 | .025 | .023 | BF | .021 | .020 | .020 | .025 | .032 | .038 | .041 | .045 | .048 | .050 | .053 | .057 | .054 | .055 | .052 | .047 | .043 | .042 | .039 | .037 | 23 | .057 | |
| 22 | .035 | .033 | .032 | BF | .024 | .021 | .021 | .025 | .031 | .036 | .042 | .049 | .050 | .053 | .052 | .050 | .051 | .052 | .050 | .043 | .039 | .038 | .032 | .022 | 23 | .053 | |
| 23 | .018 | .018 | .017 | BF | .015 | .020 | .027 | .029 | .028 | .028 | .026 | .026 | .024 | .024 | .027 | .027 | .024 | .023 | .023 | .024 | .026 | .027 | .026 | .024 | 23 | .029 | |
| 24 | .024 | .023 | .023 | BF | .022 | .021 | .019 | .019 | .019 | .019 | .019 | .019 | .019 | .018 | .017 | .016 | .015 | .016 | .017 | .019 | .018 | .017 | .016 | .016 | 23 | .024 | |
| 25 | .016 | .015 | .020 | BF | .015 | .016 | .021 | .029 | .049 | .032 | .030 | .037 | .046 | .039 | .032 | .031 | .030 | .029 | .026 | .023 | .024 | .023 | .022 | .024 | 23 | .049 | |
| 26 | .023 | .023 | .024 | BF | .020 | .017 | .020 | .023 | .025 | .029 | .035 | .039 | .048 | .048 | .051 | .056 | .056 | .055 | .050 | .043 | .038 | .041 | .040 | .040 | 23 | .056 | |
| 27 | .044 | .047 | .045 | BF | .036 | .033 | .034 | .041 | .044 | .048 | .054 | .059 | .057 | .055 | .051 | .048 | .042 | .038 | .037 | .035 | .036 | .036 | .035 | .036 | 23 | .059 | |
| 28 | .035 | .030 | .026 | BF | .024 | .022 | .019 | .022 | .025 | .029 | .031 | .034 | .039 | .041 | .043 | .044 | .045 | .046 | .039 | .033 | .029 | .028 | .024 | .024 | 23 | .046 | |
| 29 | .026 | .027 | .027 | BF | .029 | .025 | .023 | .025 | .027 | .030 | .032 | .033 | .035 | .034 | .035 | .033 | .031 | .031 | .027 | .023 | .020 | .018 | .017 | .017 | 23 | .035 | |
| 30 | .017 | .015 | .014 | BF | .017 | .017 | .017 | .018 | .021 | .023 | .024 | .025 | .026 | .026 | .027 | .027 | .027 | .028 | .026 | .026 | .024 | .023 | .022 | .021 | 23 | .028 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .048 | .047 | .045 | | .043 | .039 | .040 | .041 | .049 | .050 | .054 | .059 | .060 | .062 | .063 | .061 | .061 | .060 | .057 | .051 | .051 | .050 | .048 | .048 | | | |
| AVG: | .0310 | .0288 | .0271 | | .0236 | .0213 | .0219 | .0271 | .0332 | .0366 | .0400 | .0435 | .0455 | .0462 | .0466 | .0466 | .0465 | .0461 | .0431 | .0391 | .0366 | .0350 | .0329 | .0315 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0361 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .019 | .018 | .016 | BF | .016 | .016 | .016 | .020 | .026 | .028 | .029 | .030 | .030 | .032 | .031 | .031 | .031 | .029 | .027 | .026 | .025 | .031 | .028 | .025 | 23 | .032 |
| 2 | .025 | .028 | .028 | BF | .026 | .026 | .026 | .029 | .037 | .045 | .047 | .050 | .052 | .052 | .052 | .053 | .052 | .052 | .049 | .043 | .038 | .035 | .022 | .020 | 23 | .053 |
| 3 | .017 | .021 | .022 | BF | .017 | .012 | .015 | .025 | .042 | .047 | .050 | .051 | .053 | .054 | .055 | .057 | .057 | .056 | .047 | .034 | .028 | .029 | .026 | .019 | 23 | .057 |
| 4 | .022 | .024 | .030 | BF | .039 | .038 | .038 | .042 | .047 | .052 | .055 | .058 | .057 | .052 | .054 | .053 | .051 | .046 | .044 | .044 | .040 | .036 | .029 | .022 | 23 | .058 |
| 5 | .020 | .019 | .021 | BF | .040 | .036 | .031 | .031 | .036 | .039 | .038 | .043 | .047 | .048 | .047 | .045 | .043 | .043 | .042 | .038 | .036 | .033 | .032 | .033 | 23 | .048 |
| 6 | .032 | .031 | .030 | BF | .026 | .023 | .022 | .021 | .022 | .022 | .028 | .037 | .042 | .047 | .048 | .049 | .049 | .047 | .046 | .047 | .048 | .048 | .046 | .043 | 23 | .049 |
| 7 | .040 | .037 | .035 | BF | .030 | .028 | .028 | .031 | .036 | .039 | .042 | .044 | .045 | .046 | .047 | .048 | .051 | .051 | .051 | .045 | .038 | .038 | .035 | .033 | 23 | .051 |
| 8 | .020 | .018 | .015 | BF | .008 | .008 | .018 | .028 | .040 | .047 | .049 | .054 | .056 | .057 | .059 | .061 | .064 | .063 | .060 | .046 | .034 | .023 | .016 | .016 | 23 | .064 |
| 9 | .015 | .007 | .013 | BF | .010 | .014 | .009 | .018 | .027 | .032 | .041 | .040 | .046 | .050 | .053 | .057 | .058 | .058 | .043 | .036 | .038 | .035 | .032 | .033 | 23 | .058 |
| 10 | .040 | .043 | .035 | BF | .026 | .010 | .019 | .037 | .039 | .046 | .049 | .056 | .062 | .063 | .064 | .065 | .070 | .071 | .061 | .042 | .038 | .036 | .031 | .034 | 23 | .071 |
| 11 | .040 | .039 | .037 | BF | .026 | .027 | .028 | .029 | .034 | .043 | .050 | .052 | .055 | .055 | .056 | .058 | .064 | .061 | .057 | .051 | .038 | .023 | .019 | .022 | 23 | .064 |
| 12 | .030 | .034 | .038 | BF | .037 | .036 | .035 | .035 | .035 | .034 | .032 | .031 | .029 | .028 | .026 | .026 | .025 | .024 | .023 | .022 | .021 | .020 | .020 | .019 | 23 | .038 |
| 13 | .018 | .016 | .014 | BF | .010 | .013 | .012 | .013 | .017 | .019 | .022 | .024 | .026 | .030 | .033 | .034 | .034 | .032 | .029 | .027 | .026 | .021 | .014 | .009 | 23 | .034 |
| 14 | .011 | .011 | .008 | BF | .002 | .002 | .008 | .015 | .024 | .036 | .045 | .050 | .052 | .054 | .056 | .056 | .057 | .060 | .060 | .057 | .052 | .049 | .046 | .044 | 23 | .060 |
| 15 | .042 | .040 | .039 | BF | .033 | .028 | .027 | .033 | .046 | .058 | .061 | .060 | .063 | .063 | .062 | .061 | .061 | .060 | .056 | .049 | .034 | .023 | .019 | .020 | 23 | .063 |
| 16 | .018 | .017 | .021 | BF | .006 | .011 | .022 | .034 | .043 | .051 | .062 | .069 | .071 | .071 | .070 | .074 | .073 | .071 | .066 | .057 | .040 | .041 | .040 | .038 | 23 | .074 |
| 17 | .037 | .034 | .033 | BF | .029 | .031 | BA | BA | .047 | .052 | .059 | .064 | .062 | .063 | .064 | .062 | .061 | .059 | .057 | .055 | .049 | .047 | .048 | .047 | 21 | .064 |
| 18 | .044 | .040 | .035 | BF | .026 | .022 | .024 | .032 | .041 | .048 | .052 | .053 | .057 | .057 | .053 | .053 | .056 | .055 | .052 | .044 | .040 | .038 | .038 | .037 | 23 | .057 |
| 19 | .036 | .033 | .031 | BF | .030 | .028 | .025 | .030 | .036 | .039 | .042 | .045 | .052 | .056 | .052 | .050 | .051 | .052 | .052 | .049 | .044 | .041 | .034 | .028 | 23 | .056 |
| 20 | .026 | .025 | .023 | BF | .019 | .018 | .019 | .019 | .025 | .032 | .036 | .041 | .045 | .051 | .053 | .053 | .055 | .058 | .061 | .046 | .039 | .035 | .040 | .036 | 23 | .061 |
| 21 | .028 | .026 | .024 | BF | .021 | .019 | .017 | .017 | .016 | .016 | .016 | .018 | .024 | .030 | .032 | .032 | .030 | .031 | .028 | .024 | .021 | .023 | .024 | .024 | 23 | .032 |
| 22 | .024 | .025 | .029 | BF | .025 | .024 | .019 | .019 | .020 | .026 | .032 | .035 | .036 | .037 | .039 | .038 | .038 | .035 | .034 | .034 | .039 | .040 | .033 | .029 | 23 | .040 |
| 23 | .029 | .029 | .026 | BF | .023 | .022 | .021 | .020 | .022 | .023 | .026 | .027 | .028 | .024 | .026 | .028 | .027 | .026 | .027 | .024 | .025 | .023 | .027 | .027 | 23 | .029 |
| 24 | .023 | .025 | .025 | BF | .020 | .019 | .021 | .023 | .023 | .027 | .029 | .028 | .031 | .034 | .033 | .028 | .032 | .028 | .023 | .018 | .022 | .026 | .025 | .028 | 23 | .034 |
| 25 | .028 | .028 | .030 | BF | .027 | .026 | .031 | .034 | .038 | .043 | .046 | .046 | .047 | .046 | .045 | .047 | .045 | .044 | .043 | .043 | .043 | .040 | .038 | .037 | 23 | .047 |
| 26 | .036 | .036 | .034 | BF | .030 | .028 | .028 | .032 | .038 | .047 | .051 | .054 | .057 | .059 | .062 | .064 | .061 | .059 | .058 | .052 | .040 | .038 | .031 | .028 | 23 | .064 |
| 27 | .024 | .019 | .020 | BF | .008 | .011 | .022 | .031 | .041 | .046 | .050 | .055 | .059 | .058 | .056 | .055 | .054 | .052 | .049 | .046 | .042 | .042 | .032 | .032 | 23 | .059 |
| 28 | .025 | .027 | .026 | BF | .020 | .020 | .023 | .029 | .038 | .046 | .052 | .053 | .054 | .053 | .048 | .046 | .045 | .043 | .042 | .035 | .032 | .030 | .023 | .020 | 23 | .054 |
| 29 | .019 | .016 | .017 | BF | .017 | .013 | .017 | .029 | .042 | .047 | .049 | .051 | .051 | .050 | .051 | .051 | .050 | .049 | .046 | .033 | .022 | .048 | .042 | .035 | 23 | .051 |
| 30 | .029 | .029 | .026 | BF | .020 | .018 | .018 | .023 | .027 | .034 | .036 | .041 | .043 | .044 | .042 | .041 | .045 | .046 | .045 | .041 | .033 | .028 | .023 | .023 | 23 | .046 |
| 31 | .026 | .024 | .022 | BF | .021 | .016 | .017 | .024 | .036 | .042 | .044 | .045 | .046 | .044 | .043 | .045 | .047 | .040 | .037 | .029 | .025 | .028 | .029 | .020 | 23 | .047 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .044 | .043 | .039 | | .040 | .038 | .038 | .042 | .047 | .058 | .062 | .069 | .071 | .071 | .070 | .074 | .073 | .071 | .066 | .057 | .052 | .049 | .048 | .047 | | |
| AVG: | .0272 | .0264 | .0259 | | .0222 | .0207 | .0219 | .0268 | .0336 | .0389 | .0426 | .0453 | .0477 | .0486 | .0488 | .0491 | .0496 | .0484 | .0456 | .0399 | .0352 | .0338 | .0304 | .0284 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0364 MONTHLY MAX: .074

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .015 | .013 | .009 | BF | .010 | .008 | .011 | .017 | .024 | .035 | .041 | .044 | .050 | .052 | .052 | .053 | .052 | .050 | .048 | .043 | .033 | .023 | .021 | .026 | 23 | .053 | |
| 2 | .024 | .025 | .021 | BF | .008 | .009 | .013 | .029 | .044 | .051 | .056 | .059 | .061 | .060 | .061 | .062 | .060 | .057 | .055 | .046 | .041 | .032 | .019 | .017 | 23 | .062 | |
| 3 | .009 | .008 | .010 | BF | .002 | .010 | .020 | .036 | .047 | .056 | .062 | .065 | .066 | .065 | .062 | .062 | .062 | .058 | .050 | .044 | .039 | .037 | .028 | .025 | 23 | .066 | |
| 4 | .017 | .014 | .010 | BF | .001 | .003 | .013 | .026 | .029 | .032 | .038 | .043 | .050 | .053 | .048 | .042 | .038 | .039 | .038 | .028 | .028 | .022 | .020 | .018 | 23 | .053 | |
| 5 | .015 | .013 | .012 | BF | .010 | .009 | .010 | .013 | .018 | .023 | .026 | .029 | .032 | .032 | .033 | .031 | .028 | .027 | .026 | .022 | .030 | .033 | .028 | .029 | 23 | .033 | |
| 6 | .021 | .017 | .018 | BF | .024 | .022 | .020 | .023 | .029 | .034 | .042 | .044 | .050 | .056 | .058 | .059 | .058 | .056 | .052 | .044 | .034 | .039 | .038 | .035 | 23 | .059 | |
| 7 | .033 | .031 | .030 | BF | .042 | .044 | .037 | .034 | .035 | .039 | .042 | .046 | .044 | .042 | .041 | .043 | .042 | .040 | .039 | .037 | .036 | .034 | .033 | .034 | 23 | .046 | |
| 8 | .033 | .033 | .034 | BF | .036 | .034 | .033 | .033 | .034 | .035 | .037 | .037 | .039 | .040 | .045 | .046 | .046 | .045 | .043 | .039 | .029 | .025 | .019 | .017 | 23 | .046 | |
| 9 | .014 | .010 | .009 | BF | .015 | .014 | .020 | .028 | .036 | .041 | .046 | .047 | .049 | .050 | .053 | .055 | .060 | .059 | .058 | .048 | .039 | .044 | .042 | .040 | 23 | .060 | |
| 10 | .038 | .038 | .036 | BF | .024 | .025 | .029 | .038 | .045 | .046 | .048 | .051 | .054 | .059 | .061 | .060 | .060 | .057 | .053 | .048 | .045 | .045 | .043 | .040 | 23 | .061 | |
| 11 | .036 | .030 | .023 | BF | .014 | .014 | .021 | .029 | .036 | .041 | .043 | .045 | .048 | .051 | .054 | .054 | .055 | .053 | .048 | .043 | .039 | .039 | .037 | .033 | 23 | .055 | |
| 12 | .031 | .029 | .026 | BF | .016 | .017 | .019 | .023 | .033 | .039 | .045 | .050 | .052 | .055 | .059 | .057 | .059 | .057 | .054 | .046 | .041 | .042 | .040 | .037 | 23 | .059 | |
| 13 | .034 | .032 | .027 | BF | .021 | .019 | .019 | .025 | .036 | .045 | .049 | .052 | .053 | .057 | .057 | .055 | .055 | .055 | .053 | .047 | .041 | .038 | .034 | .030 | 23 | .057 | |
| 14 | .027 | .024 | .023 | BF | .019 | BA | BA | .034 | .038 | .045 | .046 | .046 | .046 | .043 | .049 | .051 | .047 | .049 | .050 | .047 | .038 | .033 | .027 | .031 | 21 | .051 | |
| 15 | .030 | .026 | .021 | BF | .023 | .018 | .016 | .018 | .031 | .045 | .056 | .061 | .058 | .060 | .051 | .048 | .047 | .045 | .046 | .040 | .034 | .030 | .028 | .022 | 23 | .061 | |
| 16 | .016 | .011 | .011 | BF | .002 | .004 | .010 | .017 | .034 | .046 | .046 | .046 | .047 | .047 | .045 | .043 | .041 | .035 | .026 | .022 | .016 | .010 | .009 | .010 | 23 | .047 | |
| 17 | .011 | .009 | .008 | BF | .008 | .010 | .013 | .016 | .021 | .030 | .035 | .035 | .033 | .036 | .040 | .040 | .034 | .034 | .030 | .024 | .020 | .014 | .012 | .014 | 23 | .040 | |
| 18 | .022 | .024 | .023 | BF | .022 | .021 | .022 | .025 | .029 | .031 | .035 | .036 | .036 | .036 | .038 | .039 | .037 | .036 | .032 | .026 | .021 | .018 | .017 | .017 | 23 | .039 | |
| 19 | .016 | .016 | .015 | BF | .011 | .009 | .012 | .015 | .019 | .024 | .029 | .031 | .032 | .032 | .026 | .027 | .031 | .029 | .024 | .020 | .017 | .015 | .014 | .013 | 23 | .032 | |
| 20 | .012 | .012 | .009 | BF | .017 | .035 | .031 | .037 | .037 | .037 | .038 | .039 | .040 | .041 | .038 | .037 | .031 | .026 | .024 | .023 | .021 | .018 | .016 | .014 | 23 | .041 | |
| 21 | .014 | .015 | .014 | BF | .012 | .013 | .013 | .019 | .023 | .021 | .021 | .023 | .027 | .027 | .027 | .032 | .026 | .022 | .023 | .023 | .026 | .021 | .015 | .010 | 23 | .032 | |
| 22 | .010 | .011 | .010 | BF | .004 | .003 | .006 | .010 | .014 | .016 | .018 | .020 | .021 | .018 | .021 | .021 | .021 | .021 | .018 | .014 | .010 | .007 | .003 | .002 | 23 | .021 | |
| 23 | .003 | .007 | .009 | BF | .010 | .010 | .011 | .012 | .013 | .017 | .021 | .026 | .025 | .025 | .024 | .025 | .027 | .026 | .025 | .023 | .023 | .022 | .022 | .022 | 23 | .027 | |
| 24 | .022 | .022 | .020 | BF | .018 | .018 | .018 | .020 | .025 | .026 | .027 | .030 | .032 | .031 | .028 | .024 | .028 | .027 | .025 | .026 | .023 | .024 | .022 | .020 | 23 | .032 | |
| 25 | .018 | .013 | .008 | BF | .006 | .006 | .007 | .008 | .015 | .032 | .039 | .041 | .041 | .042 | .041 | .041 | .039 | .037 | .037 | .032 | .027 | .024 | .027 | .025 | 23 | .042 | |
| 26 | .024 | .021 | .021 | BF | .026 | .021 | .020 | .029 | .038 | .045 | .049 | .053 | .054 | .057 | .059 | .058 | .059 | .060 | .056 | .044 | .034 | .022 | .015 | .012 | 23 | .060 | |
| 27 | .012 | .010 | .016 | BF | .010 | .008 | .015 | .028 | AZ | .049 | .047 | .051 | .052 | .055 | .056 | .056 | .054 | .049 | .045 | .042 | .028 | .031 | .026 | .023 | 22 | .056 | |
| 28 | .020 | .012 | .009 | BF | .004 | .003 | .015 | .027 | .031 | .041 | .048 | .052 | .052 | .053 | .055 | .055 | .056 | .055 | .051 | .044 | .032 | .024 | .033 | .030 | 23 | .056 | |
| 29 | .023 | .018 | .011 | BF | .004 | .004 | .007 | .028 | .044 | .051 | .055 | .058 | .059 | .059 | .059 | .058 | .058 | .058 | .056 | .051 | .045 | .038 | .036 | .033 | 23 | .059 | |
| 30 | .030 | .027 | .022 | BF | .016 | .007 | .008 | .020 | .022 | .026 | .028 | .026 | .026 | .027 | .028 | .024 | .024 | .024 | .023 | .022 | .018 | .014 | .012 | .012 | 23 | .030 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 29 | 29 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .038 | .038 | .036 | | .042 | .044 | .037 | .038 | .047 | .056 | .062 | .065 | .066 | .065 | .065 | .062 | .062 | .060 | .058 | .051 | .045 | .045 | .043 | .040 | | | |
| AVG: | .0210 | .0190 | .0172 | | .0145 | .0144 | .0169 | .0239 | .0303 | .0366 | .0404 | .0429 | .0443 | .0454 | .0458 | .0452 | .0444 | .0429 | .0403 | .0357 | .0303 | .0273 | .0245 | .0230 | | | |

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .0316 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .014 | .016 | .017 | BF | .014 | .014 | .014 | .014 | .013 | .013 | .014 | .017 | .021 | .025 | .028 | .030 | .028 | .028 | .025 | .037 | .032 | .028 | .025 | .019 | 23 | .037 |
| 2 | .018 | .019 | .016 | BF | .008 | .011 | .016 | .025 | .031 | .034 | .040 | .039 | .040 | .041 | .042 | .042 | .043 | .043 | .042 | .037 | .024 | .018 | .011 | .006 | 23 | .043 |
| 3 | .006 | .008 | .007 | BF | .004 | .003 | .006 | .021 | .036 | .049 | .054 | .055 | .050 | .045 | .040 | .039 | .039 | .032 | .024 | .018 | .015 | .015 | .010 | .013 | 23 | .055 |
| 4 | .015 | .012 | .009 | BF | .008 | .008 | .010 | .019 | .025 | .028 | .027 | .028 | .030 | .032 | .033 | .033 | .033 | .032 | .031 | .027 | .019 | .019 | .018 | .014 | 23 | .033 |
| 5 | .011 | .010 | .012 | BF | .012 | .009 | BA | BA | .023 | .025 | .030 | .031 | .034 | .037 | .037 | .038 | .041 | .044 | .046 | .035 | .025 | .031 | .028 | .028 | 21 | .046 |
| 6 | .025 | .021 | .018 | BF | .015 | .014 | .015 | .021 | .028 | .031 | .033 | .035 | .035 | .035 | .036 | .035 | .036 | .034 | .032 | .028 | .028 | .024 | .022 | .021 | 23 | .036 |
| 7 | .021 | .023 | .027 | BF | .023 | .018 | .018 | .025 | .030 | .033 | .036 | .040 | .042 | .045 | .047 | .046 | .046 | .046 | .041 | .037 | .037 | .037 | .027 | .022 | 23 | .047 |
| 8 | .018 | .019 | .016 | BF | .018 | .019 | .021 | .026 | .033 | .038 | .042 | .045 | .050 | .047 | .046 | .045 | .046 | .045 | .044 | .048 | .044 | .035 | .029 | .027 | 23 | .050 |
| 9 | .025 | .030 | .027 | BF | .026 | .025 | .026 | .030 | .035 | .041 | .044 | .045 | .047 | .049 | .047 | .045 | .047 | .043 | .042 | .039 | .038 | .036 | .033 | .032 | 23 | .049 |
| 10 | .029 | .027 | .027 | BF | .021 | .017 | .018 | .028 | .031 | .038 | .044 | .044 | .043 | .037 | .045 | .042 | .042 | .042 | .043 | .038 | .034 | .032 | .026 | .022 | 23 | .045 |
| 11 | .015 | .014 | .013 | BF | .013 | .014 | .014 | .018 | .023 | .031 | .040 | .039 | .039 | .041 | .042 | .044 | .045 | .045 | .041 | .036 | .031 | .031 | .030 | .028 | 23 | .045 |
| 12 | .024 | .020 | .017 | BF | .014 | .012 | .014 | .020 | .029 | .033 | .036 | .039 | .044 | .045 | .039 | .038 | .038 | .040 | .037 | .032 | .027 | .021 | .018 | .016 | 23 | .045 |
| 13 | .013 | .011 | .010 | BF | .007 | .006 | .007 | .011 | .018 | .023 | .028 | .032 | .043 | .036 | .035 | .038 | .034 | .026 | .024 | .020 | .021 | .017 | .013 | .011 | 23 | .043 |
| 14 | .011 | .010 | .008 | BF | .007 | .006 | .007 | .011 | .019 | .025 | .029 | .031 | .035 | .041 | .044 | .039 | .038 | .039 | .035 | .030 | .026 | .024 | .022 | .019 | 23 | .044 |
| 15 | .017 | .015 | .012 | BF | .008 | .007 | .008 | .017 | .026 | .033 | .037 | .041 | .042 | .043 | .042 | .046 | .046 | .049 | .040 | .037 | .030 | .024 | .022 | .021 | 23 | .049 |
| 16 | .020 | .019 | .014 | BF | .010 | .011 | .011 | .016 | .021 | .028 | .032 | .037 | .036 | .040 | .041 | .041 | .034 | .036 | .034 | .030 | .026 | .024 | .024 | .021 | 23 | .041 |
| 17 | .020 | .021 | .019 | BF | .015 | .015 | .016 | .018 | .027 | .032 | .037 | .040 | .041 | .041 | .041 | .042 | .035 | .031 | .028 | .026 | .019 | .016 | .014 | .015 | 23 | .042 |
| 18 | .013 | .012 | .012 | BF | .008 | .008 | .008 | .011 | .014 | .039 | .037 | .035 | .040 | .042 | .039 | .039 | .036 | .036 | .036 | .043 | .038 | .029 | .032 | .032 | 23 | .043 |
| 19 | .024 | .020 | .018 | BF | .015 | .011 | .013 | .022 | .034 | .043 | .048 | .052 | .054 | .057 | .058 | .060 | .062 | .059 | .056 | .050 | .042 | .036 | .033 | .029 | 23 | .062 |
| 20 | .026 | .020 | .019 | BF | .015 | BC | BC | BC | BC | .043 | .051 | .059 | .063 | .059 | .059 | .060 | .062 | .063 | .058 | .049 | .041 | .039 | .033 | .031 | 19 | .063 |
| 21 | .029 | .026 | .023 | BF | .017 | .013 | .014 | .022 | .032 | .043 | .049 | .057 | .062 | .057 | .055 | .057 | .057 | .049 | .042 | .046 | .042 | .028 | .026 | .023 | 23 | .062 |
| 22 | .019 | .020 | .021 | BF | .021 | .020 | .021 | .025 | .031 | .039 | .043 | .045 | .047 | .048 | .047 | .047 | .050 | .052 | .046 | .040 | .039 | .044 | .043 | .036 | 23 | .052 |
| 23 | .030 | .027 | .027 | BF | .026 | .026 | .025 | .027 | .034 | .045 | .050 | .056 | .060 | .060 | .053 | .048 | .042 | .044 | .042 | .041 | .036 | .034 | .030 | .027 | 23 | .060 |
| 24 | .024 | .021 | .022 | BF | .022 | .019 | .019 | .024 | .028 | .033 | .035 | .035 | .036 | .039 | .042 | .047 | .050 | .049 | .042 | .035 | .030 | .027 | .030 | .028 | 23 | .050 |
| 25 | .026 | .026 | .024 | BF | .021 | .016 | .015 | .017 | .025 | .043 | .053 | .060 | .065 | .065 | .062 | .065 | .064 | .064 | .058 | .049 | .039 | .041 | .042 | .038 | 23 | .065 |
| 26 | .033 | .033 | .036 | BF | .037 | .036 | .034 | .035 | .038 | .045 | .049 | .051 | .053 | .055 | .055 | .055 | .056 | .055 | .051 | .046 | .038 | .033 | .035 | .033 | 23 | .056 |
| 27 | .031 | .030 | .025 | BF | .016 | .011 | .013 | .029 | .037 | .041 | .044 | .047 | .048 | .049 | .048 | .049 | .048 | .045 | .040 | .033 | .032 | .032 | .028 | .027 | 23 | .049 |
| 28 | .025 | .022 | .019 | BF | .014 | .011 | .014 | .020 | .025 | .031 | .036 | .040 | .040 | .042 | .042 | .044 | .045 | .041 | .034 | .029 | .023 | .022 | .021 | .025 | 23 | .045 |
| 29 | .024 | .024 | .022 | BF | .017 | .018 | .016 | .014 | .022 | .030 | .036 | .040 | .043 | .049 | .052 | .050 | .049 | .047 | .046 | .044 | .044 | .042 | .041 | .037 | 23 | .052 |
| 30 | .034 | .033 | .032 | BF | .028 | .024 | .024 | .027 | .030 | .034 | .037 | .039 | .043 | .045 | .044 | .044 | .043 | .042 | .039 | .036 | .033 | .034 | .034 | .034 | 23 | .045 |
| 31 | .034 | .035 | .030 | BF | .021 | .016 | .021 | .029 | .038 | .042 | .048 | .051 | .052 | .052 | .051 | .050 | .051 | .051 | .049 | .039 | .034 | .029 | .030 | .031 | 23 | .052 |
| NO.: | 31 | 31 | 31 | | 31 | 30 | 29 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .034 | .035 | .036 | | .037 | .036 | .034 | .035 | .038 | .049 | .054 | .060 | .065 | .065 | .062 | .065 | .064 | .064 | .058 | .050 | .044 | .044 | .043 | .038 | | |
| AVG: | .0217 | .0208 | .0193 | | .0162 | .0146 | .0158 | .0214 | .0279 | .0350 | .0393 | .0421 | .0445 | .0451 | .0449 | .0451 | .0447 | .0436 | .0403 | .0366 | .0318 | .0291 | .0268 | .0247 | | |

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .0319 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .024 | .019 | .012 | BF | .006 | .005 | .010 | .021 | .033 | .042 | .045 | .048 | .048 | .050 | .052 | .055 | .056 | .055 | .050 | .037 | .026 | .023 | .028 | .029 | 23 | .056 |
| 2 | .025 | .018 | .012 | BF | .012 | .006 | .005 | .019 | .032 | .040 | .045 | .050 | .055 | .058 | .060 | .060 | .058 | .055 | .051 | .045 | .039 | .029 | .028 | .026 | 23 | .060 |
| 3 | .024 | .025 | .025 | BF | .018 | .014 | .013 | .020 | .027 | .033 | .038 | .045 | .048 | .047 | .043 | .043 | .041 | .039 | .034 | .030 | .026 | .022 | .026 | .023 | 23 | .048 |
| 4 | .018 | .015 | .014 | BF | .017 | .015 | .014 | .020 | .027 | .035 | .043 | .045 | .040 | .039 | .043 | .042 | .042 | .042 | .039 | .035 | .029 | .026 | .024 | .023 | 23 | .045 |
| 5 | .026 | .027 | .020 | BF | .015 | .014 | .014 | .015 | .022 | .030 | .035 | .041 | .045 | .045 | .044 | .044 | .045 | .047 | .042 | .037 | .034 | .029 | .023 | .018 | 23 | .047 |
| 6 | .022 | .024 | .020 | BF | .019 | .025 | .023 | .027 | .034 | .039 | .042 | .041 | .045 | .049 | .052 | .055 | .053 | .048 | .041 | .033 | .029 | .026 | .032 | .031 | 23 | .055 |
| 7 | .030 | .026 | .021 | BF | .017 | .015 | .011 | .012 | .017 | .022 | .028 | .029 | .029 | .034 | .031 | .031 | .026 | .028 | .028 | .024 | .022 | .021 | .019 | .015 | 23 | .034 |
| 8 | .012 | .011 | .010 | BF | .010 | .011 | .011 | .014 | .015 | .014 | .024 | .031 | .031 | .034 | .035 | .030 | .031 | .028 | .022 | .024 | .019 | .019 | .018 | .019 | 23 | .035 |
| 9 | .018 | .019 | .016 | BF | .015 | .016 | .017 | .021 | .025 | .031 | .036 | .039 | .041 | .041 | .042 | .040 | .038 | .040 | .038 | .032 | .025 | .015 | .015 | .013 | 23 | .042 |
| 10 | .016 | .016 | .012 | BF | .011 | .012 | .017 | .029 | .037 | .043 | .048 | .052 | .054 | .053 | .052 | .048 | .046 | .046 | .037 | .026 | .021 | .021 | .019 | .018 | 23 | .054 |
| 11 | .017 | .016 | .015 | BF | .008 | .006 | .014 | .017 | .019 | .023 | .030 | .032 | .033 | .034 | .036 | .035 | .035 | .027 | .025 | .021 | .020 | .018 | .015 | .016 | 23 | .036 |
| 12 | .015 | .014 | .011 | BF | .012 | .013 | .013 | .014 | .014 | .017 | .024 | .032 | .031 | .030 | .030 | .031 | .042 | .035 | .027 | .023 | .027 | .032 | .035 | .030 | 23 | .042 |
| 13 | .026 | .021 | .016 | BF | .009 | .007 | .006 | .014 | .022 | .025 | .028 | .031 | .029 | .027 | .025 | .026 | .024 | .025 | .025 | .023 | .021 | .019 | .017 | .018 | 23 | .031 |
| 14 | .018 | .017 | .017 | BF | .011 | .009 | .007 | .008 | .015 | .019 | .026 | .031 | .034 | .034 | .036 | .039 | .029 | .029 | .025 | .020 | .017 | .016 | .014 | .015 | 23 | .039 |
| 15 | .014 | .012 | .012 | BF | .013 | .014 | .014 | .018 | .024 | .033 | .037 | .040 | .042 | .043 | .046 | .044 | .039 | .043 | .044 | .042 | .038 | .034 | .037 | .032 | 23 | .046 |
| 16 | .023 | .015 | .009 | BF | .010 | .006 | BA | BA | .030 | .036 | .039 | .041 | .043 | .045 | .046 | .047 | .049 | .049 | .040 | .030 | .030 | .029 | .025 | .022 | 21 | .049 |
| 17 | .030 | .030 | .019 | BF | .009 | .006 | .008 | .021 | .034 | .041 | .042 | .043 | .045 | .041 | .033 | .034 | .032 | .033 | .031 | .027 | .022 | .018 | .016 | .014 | 23 | .045 |
| 18 | .014 | .014 | .010 | BF | .005 | .004 | .005 | .011 | .024 | .031 | .032 | .037 | .048 | .044 | .043 | .040 | .038 | .038 | .039 | .037 | .032 | .028 | .025 | .022 | 23 | .048 |
| 19 | .021 | .017 | .013 | BF | .009 | .008 | .008 | .022 | .036 | .044 | .048 | .050 | .053 | .053 | .050 | .052 | .051 | .042 | .039 | .034 | .029 | .027 | .022 | .020 | 23 | .053 |
| 20 | .011 | .006 | .005 | BF | .001 | .001 | .003 | .012 | .029 | .041 | .049 | .050 | .051 | .054 | .055 | .055 | .054 | .053 | .050 | .042 | .039 | .036 | .031 | .027 | 23 | .055 |
| 21 | .021 | .011 | .007 | BF | .006 | .008 | .010 | .018 | .029 | .040 | .046 | .046 | .048 | .045 | .043 | .045 | .044 | .041 | .037 | .033 | .028 | .021 | .015 | .011 | 23 | .048 |
| 22 | .007 | .005 | .004 | BF | .001 | .001 | .003 | .009 | .014 | .018 | .024 | .031 | .034 | .032 | .029 | .029 | .030 | .027 | .021 | .019 | .020 | .019 | .016 | .015 | 23 | .034 |
| 23 | .014 | .012 | .011 | BF | .007 | .007 | .007 | .012 | .021 | .031 | .037 | .044 | .048 | .050 | .053 | .053 | .040 | .041 | .042 | .031 | .025 | .018 | .026 | .030 | 23 | .053 |
| 24 | .026 | .022 | .021 | BF | .022 | .022 | .022 | .026 | .033 | .032 | .036 | .037 | .042 | .044 | .044 | .041 | .038 | .036 | .030 | .023 | .022 | .024 | .021 | .022 | 23 | .044 |
| 25 | .020 | .013 | .012 | BF | .005 | .003 | .005 | .022 | .035 | .045 | .050 | .051 | .053 | .055 | .055 | .055 | .052 | .050 | .048 | .041 | .037 | .029 | .024 | .022 | 23 | .055 |
| 26 | .017 | .018 | .018 | BF | .020 | .018 | .022 | .029 | .032 | .038 | .043 | .045 | .047 | .048 | .046 | .047 | .049 | .049 | .044 | .043 | .037 | .037 | .037 | .038 | 23 | .049 |
| 27 | .041 | .039 | .037 | BF | .034 | .033 | .033 | .035 | .040 | .046 | .050 | .051 | .052 | .051 | .050 | .050 | .050 | .050 | .049 | .048 | .047 | .046 | .043 | .041 | 23 | .052 |
| 28 | .039 | .037 | .037 | BF | .032 | .031 | .030 | .033 | .037 | .039 | .043 | .044 | .045 | .044 | .043 | .042 | .041 | .041 | .038 | .035 | .031 | .029 | .029 | .029 | 23 | .045 |
| 29 | .028 | .027 | .026 | BF | .023 | .022 | .022 | .022 | .024 | .025 | .032 | .037 | .032 | .033 | .031 | .027 | .025 | .025 | .025 | .025 | .025 | .024 | .023 | .021 | 23 | .037 |
| 30 | .020 | .017 | .015 | BF | .011 | .008 | .006 | .016 | .026 | .031 | .040 | .042 | .042 | .042 | .042 | .043 | .044 | .050 | .046 | .035 | .029 | .028 | .026 | .024 | 23 | .050 |
| 31 | .023 | .020 | .018 | BF | .017 | .016 | .015 | .017 | .023 | .029 | .034 | .036 | .035 | .032 | .032 | .031 | .028 | .025 | .020 | .020 | .017 | .016 | .016 | .013 | 23 | .036 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .041 | .039 | .037 | | .034 | .033 | .033 | .035 | .040 | .046 | .050 | .052 | .055 | .058 | .060 | .060 | .058 | .055 | .051 | .048 | .047 | .046 | .043 | .041 | | |
| AVG: | .0213 | .0188 | .0160 | | .0131 | .0121 | .0129 | .0191 | .0268 | .0327 | .0379 | .0410 | .0427 | .0429 | .0426 | .0424 | .0410 | .0399 | .0364 | .0315 | .0278 | .0251 | .0240 | .0225 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0292 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.0023035276
 LONGITUDE: -78.991692342
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .010 | .008 | .006 | BF | .006 | .005 | .005 | .009 | .016 | .023 | .031 | .035 | .036 | .036 | .032 | .030 | .030 | .030 | .028 | .026 | .023 | .024 | .024 | .019 | 23 | .036 |
| 2 | .016 | .014 | .010 | BF | .004 | .007 | .006 | .008 | .013 | .017 | .020 | .032 | .035 | .038 | .039 | .038 | .041 | .037 | .032 | .025 | .022 | .018 | .020 | .019 | 23 | .041 |
| 3 | .017 | .015 | .014 | BF | .014 | .011 | .009 | .013 | .019 | .024 | .031 | .034 | .035 | .036 | .036 | .039 | .041 | .041 | .037 | .025 | .019 | .008 | .007 | .007 | 23 | .041 |
| 4 | .002 | .002 | .003 | BF | .004 | .006 | .004 | .017 | .032 | .041 | .049 | .052 | .052 | .053 | .054 | .054 | .050 | .047 | .040 | .034 | .030 | .027 | .027 | .027 | 23 | .054 |
| 5 | .027 | .025 | .025 | BF | .022 | .021 | .019 | .021 | .026 | .028 | .032 | .034 | .038 | .040 | .037 | .038 | .037 | .034 | .032 | .037 | .047 | .039 | .034 | .033 | 23 | .047 |
| 6 | .031 | .031 | .032 | BF | .027 | .030 | BA | .029 | .028 | .032 | .036 | .033 | .034 | .034 | .034 | .033 | .035 | .031 | .026 | .025 | .024 | .020 | .020 | .019 | 22 | .036 |
| 7 | .018 | .015 | .016 | BF | .013 | .009 | .008 | .014 | .023 | .034 | .039 | .041 | .042 | .043 | .044 | .045 | .045 | .040 | .033 | .019 | .016 | .007 | .005 | .004 | 23 | .045 |
| 8 | .002 | .002 | .002 | BF | .003 | .003 | .007 | .017 | .026 | .034 | .037 | .041 | .044 | .047 | .049 | .049 | .048 | .045 | .038 | .031 | .023 | .024 | .021 | .015 | 23 | .049 |
| 9 | .016 | .016 | .016 | BF | .018 | .016 | .016 | .021 | .031 | .039 | .045 | .045 | .045 | .045 | .044 | .042 | .042 | .043 | .041 | .039 | .040 | .039 | .036 | .034 | 23 | .045 |
| 10 | .032 | .029 | .028 | BF | .029 | .028 | .026 | .025 | .025 | .027 | .030 | .032 | .032 | .033 | .034 | .035 | .033 | .031 | .030 | .027 | .025 | .024 | .027 | .028 | 23 | .035 |
| 11 | .028 | .027 | .027 | BF | .026 | .025 | .025 | .024 | .025 | .025 | .025 | .025 | .025 | .026 | .024 | .023 | .023 | .023 | .023 | .023 | .024 | .024 | .025 | .026 | 23 | .028 |
| 12 | .026 | .026 | .025 | BF | .026 | .025 | .023 | .022 | .022 | .022 | .024 | .028 | .029 | .028 | .028 | .029 | .027 | .026 | .022 | .021 | .022 | .020 | .019 | .018 | 23 | .029 |
| 13 | .017 | .014 | .013 | BF | .007 | .003 | .001 | .008 | .019 | .026 | .033 | .037 | .040 | .042 | .039 | .040 | .040 | .036 | .029 | .026 | .025 | .025 | .023 | .022 | 23 | .042 |
| 14 | .022 | .020 | .019 | BF | .013 | .011 | .012 | .020 | .029 | .035 | .039 | .046 | .051 | .050 | .041 | .037 | .039 | .035 | .024 | .013 | .012 | .019 | .017 | .012 | 23 | .051 |
| 15 | .005 | .003 | .001 | BF | .001 | .000 | .001 | .007 | .023 | .039 | .049 | .045 | .044 | .043 | .042 | .042 | .042 | .040 | .026 | .016 | .016 | .004 | .002 | .004 | 23 | .049 |
| 16 | .005 | .009 | .012 | BF | .013 | .011 | .010 | .020 | .032 | .040 | .040 | .040 | .041 | .042 | .044 | .044 | .041 | .040 | .034 | .028 | .019 | .015 | .019 | .025 | 23 | .044 |
| 17 | .026 | .026 | .022 | BF | .020 | .023 | .025 | .028 | .033 | .033 | .037 | .038 | .038 | .040 | .048 | .045 | .044 | .043 | .037 | .032 | .027 | .022 | .025 | .024 | 23 | .048 |
| 18 | .021 | .022 | .021 | BF | .018 | .017 | .018 | .021 | .027 | .032 | .038 | .043 | .045 | .045 | .046 | .045 | .044 | .042 | .037 | .025 | .025 | .024 | .024 | .023 | 23 | .046 |
| 19 | .016 | .019 | .017 | BF | .013 | .012 | .010 | .014 | .021 | .026 | .032 | .034 | .035 | .037 | .039 | .041 | .042 | .042 | .030 | .021 | .010 | .010 | .007 | .006 | 23 | .042 |
| 20 | .004 | .006 | .006 | BF | .002 | .002 | .003 | .019 | .034 | .042 | .047 | .049 | .049 | .050 | .053 | .053 | .050 | .045 | .032 | .031 | .030 | .024 | .026 | .029 | 23 | .053 |
| 21 | .032 | .034 | .027 | BF | .013 | .006 | .005 | .014 | .027 | .039 | .051 | .060 | .060 | .061 | .058 | .046 | .045 | .044 | .047 | .044 | .034 | .022 | .014 | .012 | 23 | .061 |
| 22 | .009 | .008 | .004 | BF | .005 | .004 | .002 | .011 | .024 | .040 | .050 | .054 | .051 | .052 | .053 | .052 | .055 | .054 | .044 | .027 | .013 | .015 | .019 | .019 | 23 | .055 |
| 23 | .015 | .007 | .002 | BF | .001 | .003 | .001 | .011 | .030 | .044 | .048 | .051 | .052 | .056 | .058 | .057 | .050 | .040 | .032 | .036 | .038 | .037 | .035 | 23 | .058 | |
| 24 | .035 | .032 | .028 | BF | .022 | .019 | .020 | .025 | .033 | .037 | .039 | .045 | .047 | .048 | .049 | .048 | .046 | .046 | .041 | .027 | .024 | .028 | .041 | .044 | 23 | .049 |
| 25 | .043 | .043 | .041 | BF | .039 | .035 | .033 | .034 | .034 | .031 | .032 | .031 | .030 | .030 | .029 | .029 | .028 | .028 | .026 | .026 | .028 | .028 | .025 | .023 | 23 | .043 |
| 26 | .022 | .021 | .020 | BF | .017 | .015 | .013 | .013 | .014 | .015 | .018 | .022 | .026 | .027 | .026 | .024 | .026 | .026 | .023 | .022 | .021 | .021 | .022 | .021 | 23 | .027 |
| 27 | .020 | .019 | .018 | BF | .013 | .011 | .011 | .015 | .019 | .023 | .028 | .032 | .033 | .037 | .039 | .037 | .038 | .036 | .031 | .028 | .026 | .026 | .028 | .027 | 23 | .039 |
| 28 | .025 | .022 | .025 | BF | .025 | .018 | .015 | .024 | .043 | .052 | .062 | .069 | .071 | .070 | .067 | .065 | .065 | .060 | .045 | .031 | .026 | .025 | .028 | .042 | 23 | .071 |
| 29 | .039 | .043 | .044 | BF | .042 | .041 | .039 | .040 | .039 | .041 | .045 | .049 | .052 | .052 | .052 | .049 | .043 | .038 | .034 | .033 | .033 | .030 | .026 | .026 | 23 | .052 |
| 30 | .025 | .024 | .023 | BF | .023 | .022 | .022 | .025 | .029 | .034 | .042 | .046 | .049 | .051 | .052 | .052 | .051 | .050 | .042 | .038 | .036 | .034 | .034 | .032 | 23 | .052 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | |
| MAX: | .043 | .043 | .044 | | .042 | .041 | .039 | .040 | .043 | .052 | .062 | .069 | .071 | .070 | .067 | .065 | .065 | .060 | .047 | .044 | .047 | .039 | .041 | .044 | | |
| AVG: | .0202 | .0194 | .0182 | | .0160 | .0146 | .0134 | .0190 | .0265 | .0325 | .0376 | .0408 | .0420 | .0431 | .0429 | .0421 | .0416 | .0394 | .0335 | .0277 | .0252 | .0228 | .0227 | .0225 | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0289 MONTHLY MAX: .071

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 135
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .032 | .031 | .029 | BF | .027 | .026 | .025 | .024 | .026 | .030 | .034 | .037 | .039 | .040 | .041 | .042 | .041 | .039 | .034 | .030 | .032 | .031 | .031 | .029 | 23 | .042 |
| 2 | .027 | .025 | .024 | BF | .028 | .027 | .023 | .025 | .028 | .033 | .038 | .041 | .044 | .045 | .047 | .046 | .042 | .039 | .032 | .032 | .033 | .033 | .031 | .032 | 23 | .047 |
| 3 | .030 | .028 | .029 | BF | .035 | .033 | .030 | .030 | .037 | .037 | .043 | .047 | .048 | .048 | .049 | .052 | .052 | .047 | .040 | .039 | .037 | .037 | .034 | .033 | 23 | .052 |
| 4 | .032 | .030 | .030 | BF | .022 | .020 | .016 | .019 | .024 | .030 | .036 | .038 | .043 | .046 | .048 | .047 | .043 | .038 | .037 | .025 | .022 | .024 | .023 | .025 | 23 | .048 |
| 5 | .027 | .028 | .025 | BF | .010 | .005 | .003 | .010 | .023 | .037 | .044 | .046 | .044 | .042 | .043 | .042 | .040 | .037 | .028 | .029 | .024 | .026 | .019 | .021 | 23 | .046 |
| 6 | .015 | .010 | .006 | BF | .002 | .001 | .001 | .006 | .017 | .032 | .038 | .039 | .038 | .038 | .038 | .038 | .039 | .035 | .025 | .031 | .030 | .026 | .017 | .011 | 23 | .039 |
| 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 | 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 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 21 | 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 | |
| 22 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 23 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 24 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 25 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 26 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 27 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 28 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 29 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 30 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 31 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| NO.: | 6 | 6 | 6 | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | |
| MAX: | .032 | .031 | .030 | | .035 | .033 | .030 | .030 | .037 | .037 | .044 | .047 | .048 | .048 | .049 | .052 | .052 | .047 | .040 | .039 | .037 | .037 | .034 | .033 | | |
| AVG: | .0272 | .0253 | .0238 | | .0207 | .0187 | .0163 | .0190 | .0258 | .0332 | .0388 | .0413 | .0427 | .0432 | .0443 | .0445 | .0428 | .0392 | .0327 | .0310 | .0297 | .0295 | .0258 | .0252 | | |

MONTHLY OBSERVATIONS: 138 MONTHLY MEAN: .0313 MONTHLY MAX: .052

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .022 | .027 | .027 | BF | .025 | .023 | .020 | .016 | .016 | .020 | .025 | .027 | .030 | .031 | .031 | .029 | .028 | .031 | .034 | .031 | .029 | .026 | .029 | .029 | 23 | .034 |
| 2 | .029 | .027 | .033 | BF | .041 | .039 | .037 | .036 | .038 | .039 | .041 | .042 | .043 | .044 | .045 | .045 | .044 | .043 | .043 | .039 | .018 | .014 | .008 | .018 | 23 | .045 |
| 3 | .034 | .031 | .025 | BF | .013 | .003 | .000 | .005 | .028 | .037 | .042 | .042 | .044 | .045 | .046 | .045 | .042 | .042 | .040 | .033 | .036 | .028 | .038 | .031 | 23 | .046 |
| 4 | .025 | .022 | .022 | BF | .016 | .013 | .009 | .011 | .029 | .038 | .041 | .042 | .043 | .045 | .046 | .047 | .046 | .042 | .032 | .021 | .005 | .003 | .005 | .005 | 23 | .047 |
| 5 | .002 | .005 | .013 | BF | .032 | .031 | .030 | .032 | .038 | .040 | .041 | .043 | .045 | .046 | .048 | .049 | .048 | .047 | .040 | .028 | .023 | .010 | .008 | .008 | 23 | .049 |
| 6 | .005 | .007 | .005 | BF | .001 | .000 | .000 | .002 | .012 | .033 | .036 | .044 | .045 | .049 | .050 | .051 | .050 | .046 | .041 | .034 | .022 | .007 | .017 | .041 | 23 | .051 |
| 7 | .042 | .043 | .043 | BF | .037 | .034 | .029 | .029 | .033 | .040 | .046 | .050 | .051 | .052 | .052 | .051 | .050 | .048 | .044 | .043 | .042 | .042 | .041 | .041 | 23 | .052 |
| 8 | .041 | .041 | .041 | BF | .038 | .037 | .037 | .034 | .036 | .041 | .044 | .047 | .049 | .050 | .051 | .051 | .051 | .049 | .044 | .010 | .001 | .001 | .001 | .001 | 23 | .051 |
| 9 | .001 | .001 | .000 | BF | .001 | .006 | .001 | .002 | .004 | .022 | .040 | .047 | .052 | .053 | .054 | .053 | .052 | .051 | .046 | .032 | .007 | .007 | .041 | .046 | 23 | .054 |
| 10 | .044 | .045 | .042 | BF | .039 | .041 | .037 | .037 | .033 | .040 | .043 | .046 | .046 | .049 | .049 | .048 | .047 | .044 | .045 | .042 | .035 | .023 | .019 | .039 | 23 | .049 |
| 11 | .033 | .026 | .024 | BF | .030 | .026 | .022 | .026 | .039 | .041 | .042 | .044 | .044 | .046 | .045 | .046 | .046 | .044 | .038 | .022 | .010 | .012 | .015 | .032 | 23 | .046 |
| 12 | .039 | .040 | .039 | BF | .039 | .040 | .040 | .040 | .038 | .038 | .039 | .042 | .045 | .046 | .047 | .048 | .048 | .047 | .041 | .034 | .022 | .017 | .018 | .020 | 23 | .048 |
| 13 | .015 | .014 | .013 | BF | .016 | .020 | .019 | .026 | .035 | .041 | .043 | .042 | .041 | .038 | .037 | .035 | .034 | .034 | .034 | .034 | .035 | .036 | .036 | .037 | 23 | .043 |
| 14 | .037 | .036 | .036 | BF | .038 | .037 | BA | BA | .066 | .031 | .036 | .036 | .039 | .038 | .037 | .038 | .040 | .039 | .039 | .038 | .039 | .040 | .041 | .042 | 21 | .066 |
| 15 | .041 | .041 | .041 | BF | .041 | .040 | .040 | .041 | .043 | .043 | .043 | .044 | .045 | .047 | .046 | .046 | .045 | .045 | .042 | .038 | .036 | .040 | .040 | .039 | 23 | .047 |
| 16 | .036 | .036 | .037 | BF | .032 | .019 | .008 | .018 | .036 | .041 | .042 | .043 | .045 | .047 | .049 | .049 | .049 | .048 | .045 | .038 | .022 | .021 | .032 | .029 | 23 | .049 |
| 17 | .024 | .017 | .015 | BF | .010 | .002 | .001 | .003 | .012 | .040 | .044 | .043 | .046 | .050 | .052 | .053 | .052 | .051 | .047 | .048 | .049 | .045 | .041 | .031 | 23 | .053 |
| 18 | .026 | .039 | .040 | BF | .041 | .040 | .035 | .031 | .030 | .029 | .029 | .030 | .033 | .035 | .040 | .043 | .043 | .042 | .045 | .036 | .024 | .040 | .037 | .036 | 23 | .045 |
| 19 | .035 | .034 | .033 | BF | .027 | .025 | .023 | .022 | .026 | .031 | .033 | .037 | .040 | .041 | .042 | .043 | .042 | .042 | .035 | .025 | .009 | .009 | .006 | .008 | 23 | .043 |
| 20 | .007 | .009 | .010 | BF | .002 | .001 | .001 | .007 | .026 | .036 | .035 | .039 | .043 | .047 | .049 | .050 | .050 | .048 | .039 | .015 | .022 | .010 | .017 | .021 | 23 | .050 |
| 21 | .032 | .037 | .038 | BF | .025 | .024 | .016 | .013 | .026 | .037 | .046 | .052 | .057 | .058 | .054 | .054 | .054 | .053 | .047 | .029 | .043 | .043 | .045 | .040 | 23 | .058 |
| 22 | .041 | .040 | .041 | BF | .038 | .039 | .038 | .041 | .043 | .043 | .045 | .049 | .050 | .051 | .053 | .054 | .051 | .050 | .047 | .044 | .045 | .043 | .041 | .029 | 23 | .054 |
| 23 | .025 | .030 | .033 | BF | .022 | .018 | .011 | .029 | .039 | .044 | .045 | .047 | .049 | .051 | .052 | .052 | .050 | .045 | .038 | .035 | .031 | .019 | .018 | 23 | .052 | |
| 24 | .035 | .038 | .034 | BF | .020 | .015 | .007 | .024 | .037 | .040 | .045 | .049 | .049 | .049 | .049 | .051 | .053 | .052 | .048 | .040 | .023 | .004 | .009 | .034 | 23 | .053 |
| 25 | .038 | .038 | .039 | BF | .035 | .028 | .019 | .026 | .035 | .040 | .044 | .046 | .047 | .047 | .047 | .046 | .045 | .044 | .042 | .033 | .026 | .015 | .033 | .038 | 23 | .047 |
| 26 | .036 | .034 | .026 | BF | .010 | .006 | .002 | .009 | .024 | .033 | .040 | .043 | .044 | .045 | .046 | .047 | .046 | .046 | .042 | .040 | .038 | .039 | .041 | .041 | 23 | .047 |
| 27 | .041 | .040 | .038 | BF | .033 | .027 | .019 | .022 | .024 | .031 | .038 | .040 | .040 | .042 | .043 | .043 | .043 | .042 | .040 | .036 | .037 | .038 | .038 | .039 | 23 | .043 |
| 28 | .039 | .037 | .035 | BF | .031 | .027 | .023 | .020 | .024 | .027 | .030 | .035 | .042 | .046 | .052 | .057 | .050 | .051 | .038 | .026 | .015 | .032 | .043 | .046 | 23 | .057 |
| 29 | .046 | .044 | .046 | BF | .026 | .011 | .023 | .033 | .035 | .038 | .040 | .043 | .045 | .046 | .047 | .049 | .047 | .046 | .042 | .037 | .032 | .017 | .020 | .024 | 23 | .049 |
| 30 | .031 | .030 | .029 | BF | .029 | .034 | .030 | .032 | .026 | .031 | .038 | .041 | .044 | .049 | .049 | .048 | .046 | .045 | .043 | .040 | .039 | .044 | .046 | .045 | 23 | .049 |
| 31 | .044 | .042 | .041 | BF | .038 | .034 | .035 | .034 | .030 | .029 | .033 | .039 | .040 | .043 | .049 | .052 | .046 | .042 | .038 | .035 | .034 | .032 | .029 | .026 | 23 | .052 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .046 | .045 | .046 | | .041 | .041 | .040 | .041 | .066 | .044 | .046 | .052 | .057 | .058 | .054 | .057 | .054 | .053 | .048 | .048 | .049 | .045 | .046 | .046 | | |
| AVG: | .0305 | .0307 | .0303 | | .0266 | .0239 | .0204 | .0234 | .0310 | .0359 | .0396 | .0424 | .0444 | .0460 | .0470 | .0475 | .0465 | .0454 | .0416 | .0335 | .0275 | .0248 | .0276 | .0301 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0347 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .026 | .024 | .020 | BF | .017 | .016 | .021 | .025 | .030 | .033 | .036 | .037 | .040 | .043 | .043 | .044 | .044 | .038 | .031 | .029 | .025 | .024 | .028 | .033 | 23 | .044 | |
| 2 | .033 | .031 | .030 | BF | .028 | .027 | .026 | .030 | .032 | .034 | .036 | .039 | .040 | .043 | .045 | .046 | .046 | .047 | .044 | .036 | .033 | .029 | .015 | .015 | 23 | .047 | |
| 3 | .020 | .033 | .037 | BF | .025 | .017 | .010 | .018 | .027 | .033 | .038 | .045 | .049 | .049 | .047 | .046 | .040 | .040 | .035 | .036 | .030 | .026 | .035 | .035 | 23 | .049 | |
| 4 | .036 | .034 | .033 | BF | .030 | .027 | .024 | .025 | .030 | .034 | .040 | .043 | .047 | .050 | .051 | .053 | .054 | .054 | .051 | .022 | .008 | .009 | .008 | .007 | 23 | .054 | |
| 5 | .003 | .007 | .010 | BF | .004 | .000 | .001 | .007 | .030 | .038 | .045 | .050 | .053 | .053 | .051 | .036 | .032 | .039 | .043 | .038 | .038 | .041 | .040 | .035 | 23 | .053 | |
| 6 | .032 | .026 | .015 | BF | .025 | .022 | .021 | .025 | .025 | .034 | .039 | .039 | .038 | .036 | .039 | .038 | .037 | .037 | .037 | .034 | .035 | .036 | .037 | .037 | 23 | .039 | |
| 7 | .038 | .039 | .039 | BF | .036 | .031 | .032 | .038 | .039 | .039 | .039 | .040 | .042 | .043 | .043 | .044 | .044 | .042 | .039 | .038 | .040 | .037 | .033 | .024 | 23 | .044 | |
| 8 | .024 | .021 | .014 | BF | .003 | .002 | .005 | .021 | .040 | .046 | .050 | .051 | .051 | .052 | .052 | .056 | .057 | .055 | .051 | .035 | .011 | .002 | .002 | .002 | 23 | .057 | |
| 9 | .002 | .006 | .009 | BF | .004 | .001 | .003 | .011 | .036 | .042 | .051 | .057 | .062 | .063 | .062 | .063 | .062 | .059 | .052 | .028 | .011 | .001 | .004 | .045 | 23 | .063 | |
| 10 | .049 | .047 | .040 | BF | .032 | .030 | .026 | .034 | .038 | .045 | .055 | .058 | .059 | .059 | .058 | .057 | .056 | .054 | .052 | .041 | .022 | .018 | .033 | .042 | 23 | .059 | |
| 11 | .041 | .039 | .037 | BF | .033 | .027 | BA | BA | .039 | .045 | .048 | .051 | .053 | .056 | .058 | .057 | .055 | .052 | .047 | .032 | .014 | .028 | .042 | .038 | 21 | .058 | |
| 12 | .037 | .036 | .035 | BF | .032 | .031 | .026 | .030 | .033 | .038 | .046 | .053 | .054 | .055 | .057 | .060 | .056 | .055 | .042 | .024 | .016 | .012 | .015 | .012 | 23 | .060 | |
| 13 | .019 | .018 | .013 | BF | .022 | .025 | .026 | .038 | .044 | .049 | .055 | .059 | .061 | .061 | .062 | .063 | .064 | .063 | .057 | .045 | .053 | .053 | .050 | .048 | 23 | .064 | |
| 14 | .048 | .046 | .045 | BF | .030 | .034 | .032 | .032 | .039 | .044 | .048 | .052 | .057 | .058 | .058 | .055 | .054 | .053 | .047 | .039 | .025 | .013 | .025 | .026 | 23 | .058 | |
| 15 | .020 | .013 | .009 | BF | .005 | .012 | .009 | .019 | .031 | .037 | .042 | .048 | .049 | .051 | .052 | .053 | .053 | .052 | .049 | .041 | .033 | .031 | .038 | .042 | 23 | .053 | |
| 16 | .042 | .043 | .045 | BF | .042 | .039 | .037 | .040 | .044 | .047 | .050 | .051 | .051 | .051 | .053 | .054 | .053 | .053 | .052 | .045 | .043 | .042 | .041 | .042 | 23 | .054 | |
| 17 | .042 | .041 | .040 | BF | .040 | .037 | .036 | .038 | .041 | .044 | .047 | .050 | .051 | .050 | .050 | .047 | .040 | .031 | .022 | .016 | .012 | .008 | .004 | .010 | 23 | .051 | |
| 18 | .019 | .021 | .023 | BF | .021 | .021 | .022 | .021 | .027 | .037 | .041 | .042 | .045 | .045 | .049 | .052 | .050 | .046 | .044 | .048 | .047 | .045 | .045 | .045 | 23 | .052 | |
| 19 | .042 | .041 | .039 | BF | .033 | .030 | .029 | .026 | .024 | .025 | .026 | .026 | .028 | .028 | .027 | .026 | .025 | .023 | .010 | .010 | .009 | .006 | .003 | .023 | 23 | .042 | |
| 20 | .012 | .015 | .013 | BF | .004 | .003 | .004 | .011 | .023 | .030 | .034 | .039 | .043 | .046 | .047 | .047 | .048 | .047 | .042 | .035 | .030 | .028 | .024 | .016 | 23 | .048 | |
| 21 | .022 | .024 | .022 | BF | .016 | .010 | .008 | .017 | .028 | .036 | .042 | .049 | .053 | .055 | .053 | .052 | .050 | .044 | .036 | .023 | .023 | .028 | .032 | .023 | 23 | .055 | |
| 22 | .020 | .013 | .006 | BF | .010 | .007 | .004 | .012 | .020 | .029 | .036 | .039 | .044 | .047 | .048 | .049 | .042 | .033 | .026 | .021 | .021 | .022 | .021 | .021 | 23 | .049 | |
| 23 | .022 | .022 | .020 | BF | .019 | .017 | .011 | .016 | .014 | .013 | .015 | .020 | .018 | .014 | .014 | .014 | .017 | .019 | .021 | .024 | .026 | .028 | .029 | .029 | 23 | .029 | |
| 24 | .031 | .029 | .027 | BF | .025 | .023 | .021 | .020 | .019 | .019 | .019 | .019 | .019 | .019 | .019 | .018 | .018 | .018 | .020 | .022 | .025 | .027 | .028 | .028 | 23 | .031 | |
| 25 | .028 | .029 | .029 | BF | .028 | .029 | .027 | .026 | .025 | .025 | .027 | .030 | .028 | .029 | .031 | .033 | .030 | .026 | .022 | .022 | .023 | .022 | .021 | .022 | 23 | .033 | |
| 26 | .023 | .028 | .027 | BF | .006 | .002 | .004 | .014 | .020 | .027 | .033 | .036 | .038 | .040 | .040 | .040 | .040 | .039 | .034 | .024 | .011 | .000 | .001 | .000 | 23 | .040 | |
| 27 | .007 | .020 | .023 | BF | .024 | .023 | .027 | .036 | .039 | .044 | .046 | .050 | .056 | .059 | .061 | .057 | .053 | .049 | .043 | .037 | .035 | .034 | .033 | .033 | 23 | .061 | |
| 28 | .032 | .030 | .030 | BF | .026 | .017 | .016 | .024 | .028 | .035 | .037 | .038 | .037 | .038 | .039 | .041 | .042 | .041 | .039 | .030 | .028 | .028 | .031 | .031 | 23 | .042 | |
| 29 | .030 | .029 | .026 | BF | .023 | .020 | .019 | .020 | .023 | .027 | .030 | .032 | .034 | .036 | .037 | .039 | .040 | .040 | .039 | .032 | .027 | .026 | .022 | .019 | 23 | .040 | |
| 30 | .017 | .015 | .013 | BF | .019 | .017 | .016 | .017 | .020 | .023 | .025 | .025 | .026 | .028 | .029 | .030 | .027 | .024 | .022 | .020 | .014 | .015 | .021 | .022 | 23 | .030 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .049 | .047 | .045 | | .042 | .039 | .037 | .040 | .044 | .049 | .055 | .059 | .062 | .063 | .062 | .063 | .064 | .063 | .057 | .048 | .053 | .053 | .050 | .048 | | | |
| AVG: | .0272 | .0273 | .0256 | | .0221 | .0199 | .0187 | .0238 | .0303 | .0351 | .0392 | .0423 | .0442 | .0452 | .0459 | .0457 | .0443 | .0425 | .0387 | .0309 | .0256 | .0241 | .0254 | .0262 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0327 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .021 | .021 | .021 | BF | .021 | .021 | .020 | .021 | .023 | .026 | .027 | .028 | .029 | .032 | .032 | .032 | .033 | .030 | .029 | .028 | .026 | .022 | .022 | .027 | 23 | .033 |
| 2 | .026 | .025 | .023 | BF | .021 | .020 | .026 | .035 | .043 | .049 | .052 | .053 | .051 | .051 | .052 | .054 | .054 | .056 | .052 | .045 | .039 | .035 | .038 | .035 | 23 | .056 |
| 3 | .030 | .028 | .026 | BF | .034 | .031 | BA | BA | .043 | .048 | .050 | .051 | .051 | .052 | .052 | .053 | .053 | .053 | .048 | .040 | .036 | .033 | .031 | .029 | 21 | .053 |
| 4 | .033 | .043 | .042 | BF | .040 | .034 | .032 | .037 | .042 | .047 | .052 | .057 | .057 | .055 | .052 | .042 | .033 | .033 | .038 | .043 | .045 | .045 | .045 | .038 | 23 | .057 |
| 5 | .031 | .024 | .021 | BF | .044 | .040 | .034 | .027 | .026 | .033 | .037 | .036 | .041 | .046 | .048 | .046 | .043 | .043 | .043 | .040 | .036 | .033 | .032 | .032 | 23 | .048 |
| 6 | .031 | .029 | .028 | BF | .024 | .021 | .018 | .018 | .023 | .031 | .036 | .037 | .040 | .043 | .045 | .047 | .043 | .041 | .036 | .036 | .038 | .037 | .036 | .035 | 23 | .047 |
| 7 | .033 | .032 | .031 | BF | .031 | .029 | .028 | .029 | .033 | .038 | .042 | .045 | .046 | .046 | .046 | .049 | .050 | .045 | .045 | .035 | .019 | .020 | .015 | .017 | 23 | .050 |
| 8 | .019 | .016 | .012 | BF | .008 | .004 | .012 | .029 | .040 | .049 | .056 | .058 | .059 | .061 | .061 | .061 | .060 | .046 | .022 | .021 | .016 | .016 | .017 | .016 | 23 | .061 |
| 9 | .017 | .014 | .010 | BF | .009 | .003 | .009 | .008 | .010 | .016 | .016 | .024 | .034 | .040 | .042 | .043 | .041 | .029 | .021 | .011 | .011 | .011 | .005 | .008 | 23 | .043 |
| 10 | .012 | .025 | .024 | BF | .015 | .011 | .012 | .017 | .027 | .033 | .043 | .052 | .056 | .056 | .056 | .062 | .067 | .064 | .055 | .044 | .034 | .018 | .012 | .011 | 23 | .067 |
| 11 | .008 | .010 | .004 | BF | .003 | .001 | .008 | .017 | .019 | .020 | .032 | .045 | .048 | .053 | .052 | .051 | .046 | .037 | .028 | .035 | .029 | .028 | .035 | 23 | .053 | |
| 12 | .037 | .036 | .040 | BF | .038 | .037 | .035 | .034 | .035 | .032 | .031 | .031 | .028 | .025 | .024 | .022 | .022 | .021 | .018 | .021 | .022 | .021 | .022 | .021 | 23 | .040 |
| 13 | .024 | .025 | .023 | BF | .023 | .022 | .021 | .023 | .026 | .028 | .028 | .030 | .030 | .031 | .026 | .028 | .031 | .031 | .027 | .015 | .007 | .001 | .001 | .000 | 23 | .031 |
| 14 | .000 | .000 | .000 | BF | .000 | .000 | .002 | .013 | .026 | .043 | .051 | .053 | .053 | .055 | .058 | .057 | .057 | .056 | .052 | .049 | .049 | .048 | .045 | .043 | 23 | .058 |
| 15 | .040 | .040 | .043 | BF | .045 | .044 | .042 | .039 | .042 | .049 | .056 | .058 | .057 | .057 | .055 | .055 | .056 | .055 | .044 | .026 | .017 | .011 | .010 | .006 | 23 | .058 |
| 16 | .010 | .012 | .025 | BF | .013 | .004 | .012 | .022 | .032 | .042 | .051 | .058 | .065 | .073 | .078 | .077 | .077 | .072 | .060 | .046 | .023 | .010 | .009 | .002 | 23 | .078 |
| 17 | .002 | .002 | .000 | BF | .005 | .004 | .009 | .027 | .042 | .050 | .055 | .059 | .057 | .057 | .059 | .059 | .066 | .062 | .052 | .043 | .041 | .043 | .044 | .044 | 23 | .066 |
| 18 | .045 | .047 | .046 | BF | .041 | .036 | .031 | .032 | .036 | .039 | .041 | .043 | .042 | .044 | .044 | .044 | .043 | .041 | .042 | .036 | .033 | .034 | .036 | .037 | 23 | .047 |
| 19 | .035 | .033 | .032 | BF | .032 | .030 | .029 | .033 | .038 | .041 | .045 | .045 | .045 | .047 | .049 | .052 | .051 | .042 | .034 | .021 | .018 | .014 | .009 | .010 | 23 | .052 |
| 20 | .009 | .011 | .012 | BF | .018 | .018 | .019 | .023 | .033 | .043 | .051 | .054 | .053 | .053 | .049 | .045 | .048 | .049 | .042 | .039 | .043 | .040 | .036 | .034 | 23 | .054 |
| 21 | .031 | .029 | .028 | BF | .026 | .024 | .022 | .022 | .023 | .023 | .024 | .024 | .026 | .026 | .025 | .025 | .025 | .023 | .021 | .022 | .024 | .022 | .018 | .019 | 23 | .031 |
| 22 | .020 | .018 | .019 | BF | .018 | .018 | .018 | .016 | .012 | .009 | .011 | .018 | .023 | .027 | .030 | .030 | .029 | .025 | .021 | .016 | .015 | .011 | .010 | .035 | 23 | .035 |
| 23 | .031 | .025 | .021 | BF | .013 | .017 | .018 | .023 | .024 | .025 | .028 | .028 | .025 | .025 | .022 | .022 | .021 | .020 | .020 | .021 | .022 | .021 | .019 | .018 | 23 | .031 |
| 24 | .017 | .016 | .016 | BF | .015 | .013 | .014 | .014 | .014 | .014 | .012 | .012 | .015 | .021 | .021 | .023 | .021 | .018 | .020 | .019 | .019 | .017 | .021 | .025 | 23 | .025 |
| 25 | .026 | .024 | .047 | BF | .030 | .017 | .028 | .030 | .032 | .034 | .039 | .042 | .044 | .037 | .042 | .043 | .041 | .037 | .033 | .029 | .029 | .028 | .028 | .030 | 23 | .047 |
| 26 | .028 | .027 | .025 | BF | .020 | .021 | .021 | .028 | .035 | .049 | .053 | .053 | .054 | .055 | .057 | .058 | .058 | .056 | .052 | .041 | .027 | .025 | .015 | .011 | 23 | .058 |
| 27 | .010 | .011 | .014 | BF | .007 | .006 | .009 | .026 | .039 | .048 | .052 | .053 | .052 | .053 | .055 | .055 | .053 | .056 | .057 | .049 | .043 | .039 | .036 | .032 | 23 | .057 |
| 28 | .034 | .028 | .024 | BF | .036 | .029 | .024 | .026 | .034 | .042 | .047 | .051 | .051 | .051 | .050 | .047 | .044 | .042 | .040 | .036 | .035 | .036 | .035 | .034 | 23 | .051 |
| 29 | .037 | .034 | .033 | BF | .019 | .015 | .018 | .031 | .042 | .047 | .046 | .048 | .055 | .057 | .060 | .055 | .055 | .053 | .043 | .030 | .034 | .032 | .029 | .023 | 23 | .060 |
| 30 | .014 | .011 | .015 | BF | .014 | .009 | .006 | .008 | .020 | .028 | .034 | .036 | .043 | .048 | .044 | .041 | .044 | .045 | .041 | .029 | .016 | .011 | .018 | .017 | 23 | .048 |
| 31 | .019 | .017 | .018 | BF | .009 | .005 | BA | BA | .035 | .040 | .044 | .048 | .054 | .059 | .065 | .064 | .061 | .051 | .044 | .040 | .043 | .040 | .036 | .023 | 21 | .065 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 29 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .045 | .047 | .047 | | .045 | .044 | .042 | .039 | .043 | .050 | .056 | .059 | .065 | .073 | .078 | .077 | .072 | .072 | .060 | .049 | .049 | .048 | .045 | .044 | | |
| AVG: | .0235 | .0230 | .0233 | | .0217 | .0188 | .0199 | .0244 | .0306 | .0360 | .0397 | .0425 | .0445 | .0461 | .0468 | .0465 | .0460 | .0439 | .0391 | .0323 | .0290 | .0259 | .0245 | .0241 | | |

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .0328 MONTHLY MAX: .078

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .027 | .026 | .022 | BF | .007 | .005 | .006 | .016 | .027 | .043 | .052 | .054 | .055 | .054 | .055 | .056 | .048 | .038 | .024 | .008 | .007 | .008 | .004 | .004 | 23 | .056 |
| 2 | .011 | .016 | .010 | BF | .012 | .018 | .029 | .034 | .038 | .048 | .053 | .057 | .059 | .061 | .059 | .057 | .058 | .059 | .054 | .049 | .026 | .018 | .013 | .003 | .003 | .061 |
| 3 | .005 | .005 | .002 | BF | .008 | .005 | .010 | .024 | .033 | .047 | .060 | .057 | .057 | .057 | .059 | .057 | .056 | .052 | .041 | .018 | .014 | .011 | .007 | .007 | .060 | |
| 4 | .003 | .003 | .003 | BF | .001 | .003 | .009 | .030 | .039 | .055 | .059 | .057 | .052 | .046 | .047 | .046 | .048 | .040 | .033 | .032 | .032 | .035 | .036 | .027 | .023 | .059 |
| 5 | .026 | .025 | .021 | BF | .014 | .011 | .010 | .011 | .012 | .012 | .008 | .003 | .004 | .003 | .003 | .002 | .003 | .003 | .003 | .003 | .002 | .002 | .002 | .002 | .002 | .026 |
| 6 | .002 | .002 | .002 | BF | .011 | .004 | .009 | .023 | .033 | .041 | .050 | .056 | .057 | .056 | .054 | .052 | .053 | .050 | .042 | .034 | .030 | .031 | .033 | .028 | .023 | .057 |
| 7 | .032 | .032 | .030 | BF | .031 | .028 | .026 | .028 | .031 | .036 | .042 | .045 | .044 | .044 | .044 | .043 | .041 | .040 | .039 | .039 | .035 | .035 | .033 | .023 | .023 | .045 |
| 8 | .030 | .027 | .028 | BF | .027 | .025 | .022 | .024 | .025 | .028 | .035 | .035 | .036 | .038 | .038 | .039 | .041 | .042 | .041 | .033 | .016 | .012 | .008 | .005 | .023 | .042 |
| 9 | .005 | .003 | .001 | BF | .000 | .004 | .014 | .026 | .034 | .040 | .047 | .051 | .052 | .054 | .056 | .058 | .061 | .060 | .056 | .045 | .029 | .006 | .004 | .002 | .023 | .061 |
| 10 | .001 | .000 | .000 | BF | .000 | .000 | .007 | .024 | .030 | .038 | .046 | .052 | .053 | .056 | .057 | .060 | .062 | .062 | .060 | .048 | .029 | .010 | .013 | .035 | .023 | .062 |
| 11 | .033 | .031 | .032 | BF | .023 | .017 | .023 | .027 | .035 | .041 | .044 | .046 | .050 | .048 | .049 | .050 | .049 | .043 | .031 | .021 | .016 | .013 | .011 | .023 | .023 | .050 |
| 12 | .022 | .022 | .025 | BF | .017 | .014 | .017 | .027 | .033 | .036 | .039 | .040 | .040 | .043 | .048 | .047 | .046 | .047 | .041 | .026 | .016 | .024 | .025 | .028 | .023 | .048 |
| 13 | .028 | .028 | .030 | BF | .026 | .023 | .024 | .025 | .027 | .032 | .037 | .042 | .044 | .040 | .041 | .045 | .044 | .040 | .043 | .044 | .042 | .037 | .036 | .032 | .023 | .045 |
| 14 | .030 | .028 | .022 | BF | .017 | .014 | .016 | AZ | .036 | .046 | .046 | .047 | .050 | .049 | .048 | .050 | .052 | .048 | .043 | .030 | .045 | .048 | .046 | .041 | .022 | .052 |
| 15 | .031 | .022 | .014 | BF | .018 | .014 | .020 | .027 | .035 | .047 | .052 | .054 | .059 | .066 | .061 | .060 | .062 | .059 | .060 | .052 | .043 | .031 | .032 | .031 | .023 | .066 |
| 16 | .029 | .022 | .018 | BF | .019 | .022 | .026 | .035 | .029 | .025 | .027 | .047 | .060 | .064 | .065 | .056 | .054 | .053 | .049 | .043 | .038 | .032 | .028 | .021 | .023 | .065 |
| 17 | .014 | .009 | .010 | BF | .011 | .014 | .013 | .015 | .017 | .024 | .028 | .033 | .037 | .034 | .033 | .036 | .038 | .037 | .032 | .023 | .022 | .024 | .024 | .021 | .023 | .038 |
| 18 | .017 | .018 | .018 | BF | .022 | .022 | .021 | .023 | .025 | .027 | .028 | .029 | .031 | .032 | .034 | .032 | .030 | .033 | .032 | .028 | .024 | .024 | .025 | .022 | .023 | .034 |
| 19 | .019 | .018 | .016 | BF | .012 | .010 | .011 | .014 | .017 | .024 | .029 | .030 | .032 | .033 | .034 | .033 | .030 | .029 | .025 | .025 | .031 | .034 | .037 | .023 | .037 | |
| 20 | .038 | .037 | .036 | BF | .028 | .022 | .020 | .020 | .020 | .025 | .035 | .048 | .056 | .051 | .046 | .041 | .035 | .031 | .026 | .025 | .031 | .036 | .033 | .029 | .023 | .056 |
| 21 | .033 | .038 | .034 | BF | .026 | .023 | .018 | .018 | .022 | .023 | .025 | .029 | .032 | .034 | .033 | .034 | .034 | .032 | .027 | .022 | .019 | .021 | .020 | .017 | .023 | .038 |
| 22 | .013 | .008 | .008 | BF | .006 | .004 | .004 | .006 | .011 | .018 | .023 | .027 | .028 | .024 | .025 | .028 | .027 | .025 | .020 | .016 | .014 | .011 | .010 | .007 | .023 | .028 |
| 23 | .007 | .005 | .006 | BF | .007 | .005 | .006 | .005 | .007 | .011 | .017 | .019 | .021 | .022 | .023 | .023 | .021 | .020 | .019 | .018 | .019 | .020 | .021 | .023 | .023 | .023 |
| 24 | .025 | .025 | .024 | AN | .017 | .012 | .011 | .012 | .023 | .029 | .033 | .034 | .035 | .035 | .034 | .036 | .029 | .026 | .024 | .020 | .019 | .020 | .017 | .023 | .023 | .036 |
| 25 | .020 | .016 | .009 | AN | .002 | .001 | .005 | .018 | .026 | .031 | .037 | .045 | .040 | .039 | .039 | .036 | .028 | .024 | .017 | .012 | .007 | .010 | .010 | .023 | .045 | |
| 26 | .015 | .019 | .019 | BF | .018 | .015 | .017 | .026 | .033 | .039 | .045 | .048 | .051 | .052 | .053 | .051 | .052 | .053 | .043 | .031 | .022 | .009 | .007 | .008 | .023 | .053 |
| 27 | .005 | .005 | .002 | BF | .001 | .001 | .009 | .024 | .034 | .039 | .039 | .043 | .047 | .057 | .049 | .046 | .042 | .044 | .041 | .020 | .013 | .009 | .010 | .005 | .023 | .057 |
| 28 | .004 | .004 | .008 | BF | .010 | .009 | .019 | BA | BA | .033 | .037 | .042 | .045 | .045 | .047 | .046 | .047 | .048 | .044 | .036 | .023 | .012 | .007 | .003 | .021 | .048 |
| 29 | .001 | .005 | .013 | BF | .010 | .002 | .004 | .018 | .032 | .042 | .050 | .051 | .052 | .053 | .055 | .057 | .056 | .056 | .058 | .050 | .041 | .034 | .027 | .033 | .023 | .058 |
| 30 | .036 | .035 | .031 | BF | .021 | .015 | .016 | .026 | .032 | .034 | .035 | .038 | .036 | .027 | .026 | .024 | .024 | .024 | .022 | .019 | .016 | .014 | .014 | .015 | .023 | .038 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | |
| MAX: | .038 | .038 | .036 | | .031 | .028 | .029 | .035 | .039 | .055 | .060 | .057 | .060 | .066 | .065 | .060 | .062 | .062 | .060 | .052 | .045 | .048 | .046 | .041 | | |
| AVG: | .0187 | .0178 | .0165 | | .0141 | .0121 | .0147 | .0216 | .0274 | .0338 | .0386 | .0420 | .0438 | .0439 | .0438 | .0435 | .0433 | .0415 | .0380 | .0309 | .0244 | .0210 | .0202 | .0186 | | |

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .0292 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .015 | .014 | .014 | BF | .012 | .011 | .012 | .011 | .012 | .015 | .017 | .022 | .026 | .029 | .028 | .026 | .025 | .023 | .023 | .031 | .031 | .028 | .026 | .024 | 23 | .031 |
| 2 | .024 | .022 | .020 | BF | .012 | .010 | .013 | .016 | .022 | .030 | .035 | .039 | .040 | .039 | .042 | .043 | .044 | .043 | .039 | .027 | .016 | .015 | .008 | .007 | 23 | .044 |
| 3 | .007 | .006 | .007 | BF | .005 | .007 | .008 | .016 | .022 | .036 | .047 | .049 | .045 | .044 | .044 | .045 | .041 | .042 | .040 | .037 | .036 | .036 | .033 | 23 | .049 | |
| 4 | .029 | .021 | .018 | BF | .008 | .005 | .007 | .016 | .030 | .036 | .039 | .039 | .037 | .038 | .038 | .034 | .036 | .037 | .031 | .028 | .026 | .030 | .032 | .029 | 23 | .039 |
| 5 | .024 | .017 | .012 | BF | .011 | .011 | .012 | .014 | .021 | .030 | .039 | .046 | .043 | .040 | .043 | .044 | .040 | .038 | .034 | .024 | .025 | .033 | .026 | .020 | 23 | .046 |
| 6 | .016 | .013 | .011 | BF | .004 | .004 | .012 | .015 | .019 | .031 | .036 | .036 | .037 | .038 | .040 | .039 | .038 | .040 | .041 | .035 | .031 | .030 | .029 | .028 | 23 | .041 |
| 7 | .024 | .022 | .020 | BF | .015 | .013 | .014 | .019 | .027 | .039 | .044 | .044 | .045 | .049 | .048 | .049 | .048 | .044 | .037 | .033 | .027 | .021 | .021 | 23 | .049 | |
| 8 | .017 | .019 | .017 | BF | .019 | .021 | .018 | .022 | .031 | .039 | .044 | .049 | .051 | .055 | .049 | .048 | .039 | .036 | .028 | .026 | .035 | .036 | .027 | .021 | 23 | .055 |
| 9 | .020 | .014 | .017 | BF | .010 | .008 | .012 | .019 | .028 | .035 | .038 | .040 | .041 | .042 | .043 | .042 | .041 | .040 | .035 | .028 | .018 | .006 | .002 | .003 | 23 | .043 |
| 10 | .016 | .017 | .010 | BF | .001 | .000 | .001 | .007 | .028 | .044 | .055 | .059 | .055 | .051 | .054 | .061 | .059 | .046 | .044 | .038 | .032 | .026 | .027 | .027 | 23 | .061 |
| 11 | .025 | .023 | .021 | BF | .016 | .015 | .015 | .017 | .021 | .030 | .039 | .048 | .047 | .048 | .047 | .050 | .050 | .046 | .044 | .041 | .039 | .036 | .036 | .034 | 23 | .050 |
| 12 | .030 | .024 | .020 | BF | .015 | .012 | .012 | .019 | .029 | .039 | .040 | .038 | .041 | .043 | .045 | .043 | .043 | .040 | .038 | .034 | .030 | .029 | .028 | .026 | 23 | .045 |
| 13 | .026 | .024 | .021 | BF | .014 | .011 | .014 | .020 | .026 | .031 | .039 | .044 | .047 | .049 | .048 | .046 | AE | AE | .037 | .021 | .009 | .003 | .008 | .017 | 21 | .049 |
| 14 | .021 | .016 | .018 | BF | .014 | .010 | .013 | .021 | .028 | .035 | .041 | .044 | .044 | .044 | .046 | .047 | .048 | AE | AE | .038 | .035 | .036 | .030 | .028 | 21 | .048 |
| 15 | .031 | .030 | .029 | BF | .024 | .022 | .021 | .020 | .032 | .037 | .042 | .046 | .045 | .046 | .046 | .044 | .044 | .044 | .040 | .029 | .022 | .024 | .029 | .034 | 23 | .046 |
| 16 | .030 | .025 | .026 | BF | .018 | .013 | .014 | .020 | .026 | .042 | .050 | .051 | .051 | .047 | .048 | .051 | .050 | .049 | .046 | .044 | .039 | .040 | .037 | .035 | 23 | .051 |
| 17 | .035 | .034 | .030 | BF | .021 | .018 | .016 | .018 | .022 | .024 | .030 | .040 | .044 | .051 | .055 | .050 | .045 | .046 | .044 | .039 | .030 | .024 | .015 | .019 | 23 | .055 |
| 18 | .017 | .013 | .013 | BF | .015 | .015 | BA | .015 | .017 | .021 | .026 | .037 | .046 | .051 | .051 | .046 | .044 | .049 | .044 | .048 | .039 | .034 | .022 | .019 | 22 | .051 |
| 19 | .014 | .012 | .011 | BF | .002 | .000 | .001 | .011 | .029 | .044 | .057 | .060 | .058 | .058 | .060 | .057 | .054 | .055 | .054 | .038 | .027 | .022 | .018 | .018 | 23 | .060 |
| 20 | .031 | .025 | .017 | BF | .006 | .002 | .007 | .018 | .036 | .053 | .060 | .064 | .062 | .060 | .058 | .059 | .051 | .046 | .033 | .025 | .017 | .029 | .038 | .039 | 23 | .064 |
| 21 | .035 | .030 | .026 | BF | .018 | .013 | .011 | .025 | .036 | .041 | .046 | .046 | .048 | .052 | .053 | .054 | .056 | .053 | .048 | .045 | .044 | .040 | .041 | .039 | 23 | .056 |
| 22 | .038 | .033 | .030 | BF | .030 | .028 | .026 | .028 | .034 | .038 | .051 | .055 | .049 | .051 | .054 | .054 | .053 | AE | .048 | .044 | .042 | .040 | .039 | .039 | 22 | .055 |
| 23 | .037 | .036 | .034 | BF | .029 | .026 | .025 | .027 | .033 | .040 | .044 | .050 | .054 | .054 | .056 | .057 | .052 | .048 | .046 | .043 | .036 | .025 | .025 | .024 | 23 | .057 |
| 24 | .026 | .021 | .020 | BF | .019 | .020 | .020 | .022 | .024 | .026 | .032 | .040 | .046 | .050 | .049 | .057 | .061 | .061 | .059 | .046 | .031 | .024 | .027 | .023 | 23 | .061 |
| 25 | .020 | .017 | .014 | BF | .003 | .000 | .007 | .028 | .035 | .044 | .055 | .061 | .060 | .057 | .057 | .061 | .065 | .069 | .056 | .037 | .021 | .018 | .028 | .031 | 23 | .069 |
| 26 | .038 | .041 | .037 | BF | .037 | .036 | .032 | .036 | .039 | .041 | .044 | .048 | .051 | .058 | .061 | .064 | .062 | .063 | .061 | .050 | .032 | .026 | .019 | .019 | 23 | .064 |
| 27 | .036 | .036 | .034 | BF | .026 | .023 | .026 | .031 | .035 | .041 | .045 | .047 | .048 | .049 | .048 | .055 | .049 | .044 | .040 | .043 | .031 | .017 | .022 | 23 | .055 | |
| 28 | .019 | .011 | .011 | BF | .013 | .010 | .009 | .013 | .022 | .032 | .039 | .041 | .041 | .033 | .032 | .036 | .031 | .020 | .019 | .020 | .012 | .008 | .010 | .010 | 23 | .041 |
| 29 | .011 | .011 | .011 | BF | .010 | .010 | .015 | .029 | .033 | .036 | .039 | .041 | .041 | .043 | .042 | .039 | .039 | .034 | .034 | .037 | .035 | .033 | .031 | .029 | 23 | .043 |
| 30 | .029 | .024 | .017 | BF | .017 | .017 | .020 | .024 | .028 | .030 | .032 | .032 | .033 | .035 | .033 | .033 | .036 | .036 | .034 | .024 | .012 | .010 | .007 | .009 | 23 | .036 |
| 31 | .006 | .005 | .006 | BF | .005 | .003 | .009 | .020 | .021 | .036 | .048 | .050 | .047 | .045 | .045 | .045 | .044 | .046 | .045 | .036 | .030 | .026 | .018 | .014 | 23 | .050 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 28 | 30 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .038 | .041 | .037 | | .037 | .036 | .032 | .036 | .039 | .053 | .060 | .064 | .062 | .060 | .061 | .064 | .065 | .069 | .061 | .050 | .044 | .040 | .041 | .039 | | |
| AVG: | .0241 | .0212 | .0191 | | .0145 | .0127 | .0141 | .0199 | .0273 | .0354 | .0417 | .0454 | .0459 | .0467 | .0473 | .0474 | .0466 | .0445 | .0412 | .0353 | .0293 | .0266 | .0244 | .0239 | | |

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .0319 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .008 | .003 | .002 | BF | .000 | .000 | .003 | .016 | .029 | .042 | .048 | .053 | .055 | .054 | .053 | .048 | .054 | .052 | .044 | .032 | .026 | .024 | .011 | .009 | 23 | .055 |
| 2 | .006 | .006 | .016 | BF | .012 | .005 | .004 | .009 | .024 | .038 | .050 | .055 | .059 | .063 | .062 | .054 | .046 | .037 | .036 | .028 | .017 | .009 | .005 | .001 | 23 | .063 |
| 3 | .000 | .000 | .000 | BF | .000 | .000 | .001 | .011 | .042 | .052 | .069 | .073 | .073 | .076 | .068 | .056 | .046 | .033 | .032 | .024 | .024 | .014 | .013 | .004 | 23 | .076 |
| 4 | .003 | .004 | .005 | BF | .001 | .000 | .001 | .018 | .036 | .045 | .046 | .048 | .050 | .051 | .050 | .048 | .046 | .044 | .039 | .034 | .033 | .034 | .033 | .031 | 23 | .051 |
| 5 | .034 | .033 | .032 | BF | .023 | .019 | .017 | .017 | .025 | .035 | .039 | .041 | .041 | .041 | .042 | .043 | .043 | .043 | .037 | .016 | .030 | .033 | .028 | .016 | 23 | .043 |
| 6 | .017 | .018 | .020 | BF | .020 | .017 | .019 | .023 | .027 | .034 | .038 | .041 | .043 | .043 | .044 | .045 | .046 | .044 | .041 | .037 | .035 | .034 | .031 | .028 | 23 | .046 |
| 7 | .025 | .022 | .015 | BF | .015 | .019 | .015 | .016 | .017 | .019 | .019 | .020 | .022 | .022 | .024 | .025 | .026 | .024 | .021 | .017 | .016 | .013 | .011 | .011 | 23 | .026 |
| 8 | .014 | .014 | .019 | BF | .013 | .010 | .014 | .014 | .025 | .029 | .033 | .034 | .034 | .033 | .027 | .025 | .029 | .025 | .023 | .030 | .030 | .024 | .016 | .013 | 23 | .034 |
| 9 | .015 | .015 | .015 | BF | .016 | .015 | .014 | .018 | .030 | .041 | .046 | .048 | .048 | .049 | .049 | .048 | .046 | .044 | .043 | .033 | .025 | .010 | .006 | .003 | 23 | .049 |
| 10 | .002 | .001 | .001 | BF | .000 | .000 | .005 | .015 | .033 | .045 | .046 | .046 | .050 | .051 | .051 | .054 | .055 | .052 | .049 | .039 | .023 | .014 | .011 | .018 | 23 | .055 |
| 11 | .016 | .018 | .020 | BF | .011 | .010 | .009 | .022 | .029 | .040 | .047 | .052 | .053 | .049 | .055 | .052 | .047 | .038 | .025 | .020 | .015 | .011 | .014 | .021 | 23 | .055 |
| 12 | .014 | .014 | .015 | BF | .008 | .006 | .003 | .009 | .016 | .019 | .022 | .022 | .023 | .026 | .028 | .027 | .030 | .029 | .025 | .019 | .013 | .014 | .018 | .016 | 23 | .030 |
| 13 | .016 | .015 | .011 | BF | .025 | .020 | .014 | .024 | .023 | .020 | .027 | .033 | .037 | .039 | .041 | .043 | .040 | .037 | .033 | .029 | .026 | .022 | .020 | .020 | 23 | .043 |
| 14 | .019 | .018 | .017 | BF | .015 | .014 | .015 | .016 | .015 | .017 | .016 | .017 | .019 | .027 | .033 | .036 | .035 | .036 | .031 | .022 | .013 | .010 | .008 | .004 | 23 | .036 |
| 15 | .002 | .004 | .003 | BF | .000 | .000 | BA | .007 | .011 | .026 | .035 | .040 | .038 | .033 | .036 | .028 | .022 | .027 | .034 | .015 | .011 | .006 | .001 | .000 | 22 | .040 |
| 16 | .000 | .000 | .002 | BF | .001 | .002 | .007 | .015 | .023 | .027 | .030 | .032 | .035 | .038 | .040 | .044 | .039 | .041 | .036 | .027 | .022 | .016 | .015 | .015 | 23 | .044 |
| 17 | .016 | .010 | .005 | BF | .001 | .000 | .001 | .010 | .031 | .039 | .044 | .049 | .054 | .049 | .047 | .046 | .042 | .040 | .037 | .033 | .029 | .026 | .025 | .024 | 23 | .054 |
| 18 | .021 | .018 | .015 | BF | .009 | .008 | .007 | .008 | .013 | .026 | .039 | .037 | .037 | .036 | .036 | .037 | .038 | .041 | .040 | .028 | .028 | .036 | .031 | .027 | 23 | .041 |
| 19 | .020 | .016 | .008 | BF | .007 | .010 | .011 | .020 | .034 | .040 | .046 | .049 | .048 | .048 | .047 | .046 | .045 | .045 | .031 | .024 | .008 | .006 | .003 | .001 | 23 | .049 |
| 20 | .000 | .000 | .000 | BF | .001 | .000 | .000 | .014 | .030 | .043 | .044 | .048 | .055 | .057 | .057 | .059 | .058 | .053 | .047 | .041 | .035 | .028 | .024 | .019 | 23 | .059 |
| 21 | .020 | .016 | .010 | BF | .002 | .000 | .001 | .009 | .023 | .046 | .057 | .060 | .066 | .063 | .050 | .053 | .055 | .055 | .048 | .034 | .024 | .016 | .009 | .004 | 23 | .066 |
| 22 | .002 | .002 | .009 | BF | .004 | .000 | .002 | .012 | .021 | .033 | .043 | .045 | .045 | .045 | .048 | .048 | .043 | .040 | .037 | .035 | .030 | .027 | .023 | .021 | 23 | .048 |
| 23 | .019 | .018 | .016 | BF | .012 | .008 | .008 | .014 | .024 | .040 | .049 | .052 | .050 | .045 | .041 | .036 | .030 | .032 | .032 | .033 | .033 | .034 | .034 | .034 | 23 | .052 |
| 24 | .035 | .029 | .027 | BF | .023 | .019 | .019 | .022 | .028 | .036 | .042 | .045 | .045 | .046 | .049 | .051 | .050 | .046 | .036 | .031 | .029 | .028 | .024 | .020 | 23 | .051 |
| 25 | .026 | .027 | .019 | BF | .022 | .021 | .019 | .027 | .034 | .041 | .047 | .050 | .050 | .049 | .049 | .048 | .049 | .045 | .039 | .032 | .028 | .024 | .022 | .017 | 23 | .050 |
| 26 | .023 | .027 | .026 | BF | .020 | .022 | .024 | .031 | .044 | .045 | .046 | .046 | .045 | .045 | .047 | .046 | .048 | .046 | .041 | .039 | .038 | .036 | .030 | .027 | 23 | .048 |
| 27 | .027 | .025 | .024 | BF | .023 | .023 | .023 | .027 | .038 | .041 | .045 | .047 | .048 | .048 | .047 | .047 | .047 | .047 | .045 | .041 | .038 | .032 | .030 | .029 | 23 | .048 |
| 28 | .028 | .029 | .029 | BF | .029 | .027 | .025 | .027 | .034 | .039 | .042 | .046 | .046 | .046 | .047 | .043 | .042 | .040 | .037 | .034 | .033 | .032 | .032 | .031 | 23 | .047 |
| 29 | .029 | .028 | .026 | BF | .026 | .027 | .026 | .025 | .023 | .022 | .025 | .024 | .023 | .023 | .025 | .025 | .025 | .025 | .024 | .025 | .023 | .023 | .021 | .018 | 23 | .029 |
| 30 | .016 | .018 | .011 | BF | .004 | .002 | .003 | .011 | .019 | .024 | .034 | .037 | .041 | .038 | .041 | .040 | .043 | .043 | .033 | .025 | .017 | .004 | .001 | .001 | 23 | .043 |
| 31 | .002 | .012 | .019 | BF | .017 | .014 | .012 | .012 | .019 | .031 | .039 | .042 | .042 | .043 | .040 | .032 | .034 | .033 | .025 | .021 | .016 | .015 | .014 | .011 | 23 | .043 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .035 | .033 | .032 | | .029 | .027 | .026 | .031 | .044 | .052 | .069 | .073 | .073 | .076 | .068 | .059 | .058 | .055 | .049 | .041 | .038 | .036 | .034 | .034 | | |
| AVG: | .0153 | .0148 | .0141 | | .0116 | .0103 | .0107 | .0167 | .0265 | .0347 | .0404 | .0430 | .0444 | .0444 | .0443 | .0430 | .0419 | .0399 | .0355 | .0289 | .0248 | .0211 | .0182 | .0159 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0279 MONTHLY MAX: .076

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .015 | .013 | .012 | BF | .008 | .004 | .002 | .004 | .010 | .016 | .021 | .022 | .022 | .019 | .021 | .020 | .021 | .020 | .019 | .019 | .020 | .021 | .023 | .021 | 23 | .023 |
| 2 | .019 | .019 | .018 | BF | .019 | .021 | .020 | .019 | .018 | .015 | .013 | .013 | .013 | .023 | .038 | .034 | .032 | .023 | .012 | .012 | .010 | .010 | .009 | .008 | 23 | .038 |
| 3 | .008 | .008 | .008 | BF | .010 | .010 | .007 | .011 | .018 | .024 | .030 | .033 | .037 | .038 | .040 | .042 | .042 | .042 | .033 | .020 | .012 | .005 | .003 | .001 | 23 | .042 |
| 4 | .001 | .001 | .001 | BF | .000 | .000 | .000 | .006 | .024 | .032 | .044 | .051 | .049 | .048 | .049 | .049 | .048 | .046 | .040 | .029 | .014 | .012 | .016 | .015 | 23 | .051 |
| 5 | .015 | .011 | .010 | BF | .010 | .011 | .010 | .016 | .025 | .036 | .046 | .047 | .044 | .044 | .043 | .045 | .042 | .039 | .031 | .020 | .021 | .041 | .039 | .039 | 23 | .047 |
| 6 | .034 | .030 | .025 | BF | .025 | .023 | .021 | .022 | .024 | .030 | .039 | .043 | .040 | .026 | .023 | .022 | .021 | .017 | .015 | .014 | .014 | .013 | .016 | .018 | 23 | .043 |
| 7 | .013 | .011 | .009 | BF | .012 | .012 | .010 | .015 | .022 | .029 | .036 | .037 | .038 | .040 | .041 | .041 | .041 | .038 | .015 | .012 | .005 | .003 | .001 | .000 | 23 | .041 |
| 8 | .000 | .000 | .005 | BF | .001 | .000 | .002 | .011 | .017 | .027 | .032 | .035 | .037 | .040 | .040 | .041 | .043 | .042 | .026 | .011 | .004 | .001 | .001 | .001 | 23 | .043 |
| 9 | .001 | .002 | .002 | BF | .004 | .003 | .003 | .016 | .022 | .031 | .039 | .040 | .042 | .041 | .040 | .040 | .042 | .039 | .035 | .030 | .025 | .011 | .011 | .017 | 23 | .042 |
| 10 | .019 | .017 | .021 | BF | .018 | .018 | .017 | .019 | .018 | .021 | .024 | .026 | .026 | .027 | .027 | .027 | .026 | .027 | .026 | .024 | .023 | .022 | .020 | .019 | 23 | .027 |
| 11 | .018 | .018 | .018 | BF | .019 | .018 | .019 | .019 | .021 | .023 | .023 | .023 | .023 | .023 | .023 | .026 | .028 | .026 | .026 | .027 | .027 | .028 | .028 | .029 | 23 | .029 |
| 12 | .029 | .029 | .028 | BF | .023 | .020 | .019 | BA | .018 | .018 | .018 | .019 | .019 | .017 | .017 | .018 | .016 | .014 | .012 | .011 | .010 | .009 | .006 | .001 | 22 | .029 |
| 13 | .010 | .007 | .002 | BF | .000 | .000 | .000 | .004 | .013 | .021 | .031 | .034 | .036 | .040 | .041 | .037 | .036 | .037 | .028 | .018 | .012 | .014 | .023 | .020 | 23 | .041 |
| 14 | .019 | .019 | .018 | BF | .014 | .010 | .008 | .012 | .016 | .022 | .030 | .040 | .043 | .043 | .046 | .047 | .048 | .045 | .034 | .012 | .012 | .003 | .002 | .002 | 23 | .048 |
| 15 | .000 | .000 | .002 | BF | .007 | .003 | .002 | .012 | .021 | .027 | .034 | .039 | .038 | .042 | .039 | .038 | .037 | .037 | .015 | .006 | .006 | .007 | .003 | .002 | 23 | .042 |
| 16 | .001 | .002 | .002 | BF | .001 | .000 | .000 | .016 | .028 | .035 | .036 | .037 | .037 | .037 | .034 | .038 | .038 | .038 | .033 | .011 | .005 | .016 | .018 | .011 | 23 | .038 |
| 17 | .009 | .005 | .005 | BF | .007 | .007 | .009 | .015 | .027 | .036 | .039 | .038 | .037 | .036 | .038 | .038 | .038 | .034 | .030 | .023 | .009 | .005 | .004 | .009 | 23 | .039 |
| 18 | .007 | .004 | .010 | BF | .012 | .007 | .011 | .016 | .026 | .035 | .039 | .040 | .040 | .040 | .041 | .040 | .038 | .040 | .032 | .029 | .021 | .015 | .016 | .019 | 23 | .041 |
| 19 | .017 | .015 | .015 | BF | .013 | .011 | .008 | .012 | .018 | .024 | .029 | .032 | .031 | .036 | .033 | .036 | .039 | .037 | .020 | .008 | .004 | .002 | .001 | .000 | 23 | .039 |
| 20 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .006 | .016 | .027 | .044 | .052 | .049 | .047 | .046 | .045 | .045 | .037 | .014 | .009 | .007 | .017 | .013 | .008 | 23 | .052 |
| 21 | .006 | .005 | .007 | BF | .005 | .004 | .002 | .007 | .022 | .033 | .046 | .048 | .047 | .046 | .033 | .032 | .031 | .023 | .009 | .001 | .000 | .000 | .000 | .000 | 23 | .048 |
| 22 | .000 | .000 | .000 | BF | .001 | .000 | .000 | .001 | .016 | .035 | .045 | .051 | .053 | .051 | .051 | .051 | .050 | .042 | .013 | .009 | .003 | .001 | .001 | .001 | 23 | .053 |
| 23 | .001 | .001 | .001 | BF | .001 | .000 | .000 | .009 | .025 | .040 | .045 | .049 | .050 | .052 | .050 | .052 | .052 | .050 | .040 | .010 | .009 | .010 | .013 | .012 | 23 | .052 |
| 24 | .011 | .014 | .014 | BF | .009 | .013 | .014 | .018 | .026 | .033 | .040 | .045 | .048 | .050 | .053 | .054 | .052 | .043 | .034 | .015 | .011 | .014 | .012 | .014 | 23 | .054 |
| 25 | .022 | .025 | .029 | BF | .019 | .008 | .012 | .024 | .031 | .033 | .034 | .036 | .037 | .037 | .036 | .033 | .033 | .031 | .027 | .013 | .023 | .018 | .019 | .020 | 23 | .037 |
| 26 | .020 | .021 | .020 | BF | .017 | .014 | .012 | .012 | .013 | .014 | .015 | .016 | .018 | .019 | .019 | .019 | .019 | .019 | .019 | .018 | .019 | .019 | .019 | .017 | 23 | .021 |
| 27 | .015 | .015 | .014 | BF | .014 | .015 | .016 | .021 | .027 | .031 | .032 | .034 | .034 | .038 | .041 | .045 | .042 | .036 | .012 | .007 | .010 | .014 | .019 | .019 | 23 | .045 |
| 28 | .027 | .034 | .036 | BF | .034 | .029 | .026 | .036 | .047 | .053 | .061 | .066 | .065 | .065 | .063 | .062 | .062 | .055 | .030 | .025 | .031 | .038 | .042 | .041 | 23 | .066 |
| 29 | .040 | .039 | .038 | BF | .035 | .031 | .031 | .030 | .029 | .028 | .031 | .034 | .037 | .039 | .040 | .040 | .040 | .038 | .034 | .028 | .022 | .013 | .005 | .006 | 23 | .040 |
| 30 | .002 | .001 | .000 | BF | .001 | .001 | .011 | .027 | .031 | .035 | .038 | .042 | .042 | .041 | .042 | .041 | .041 | .036 | .028 | .029 | .031 | .029 | .027 | .025 | 23 | .042 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | |
| MAX: | .040 | .039 | .038 | | .035 | .031 | .031 | .036 | .047 | .053 | .061 | .066 | .065 | .065 | .063 | .062 | .062 | .055 | .040 | .030 | .031 | .041 | .042 | .041 | | |
| AVG: | .0126 | .0122 | .0123 | | .0113 | .0098 | .0097 | .0150 | .0223 | .0288 | .0345 | .0374 | .0377 | .0382 | .0385 | .0383 | .0381 | .0350 | .0247 | .0167 | .0140 | .0137 | .0137 | .0132 | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0230 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .023 | .020 | .018 | BF | .022 | .021 | .020 | .021 | .023 | .026 | .032 | .035 | .038 | .038 | .039 | .039 | .040 | .038 | .028 | .009 | .006 | .008 | .010 | .009 | 23 | .040 |
| 2 | .008 | .006 | .005 | BF | .002 | .001 | .000 | .007 | .022 | .031 | .037 | .038 | .042 | .043 | .045 | .046 | .045 | .041 | .034 | .030 | .012 | .008 | .006 | .006 | 23 | .046 |
| 3 | .006 | .006 | .005 | BF | .002 | .000 | .000 | .015 | .027 | .037 | .045 | .047 | .049 | .049 | .048 | .047 | .047 | .047 | .032 | .001 | .003 | .004 | .008 | .011 | 23 | .049 |
| 4 | .010 | .012 | .010 | BF | .002 | .000 | .000 | .008 | .018 | .026 | .030 | .040 | .046 | .054 | .058 | .060 | .052 | .034 | .012 | .011 | .007 | .008 | .009 | .010 | 23 | .060 |
| 5 | .011 | .007 | .004 | BF | .001 | .000 | .000 | .001 | .009 | .034 | .043 | .048 | .049 | .049 | .051 | .051 | .049 | .042 | .033 | .007 | .001 | .001 | .001 | .000 | 23 | .051 |
| 6 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .001 | BF | BF | .036 | .042 | .044 | .046 | .053 | .056 | .055 | .047 | .033 | .016 | .003 | .001 | .001 | .000 | 21 | .056 |
| 7 | .001 | .002 | .001 | BF | .000 | .000 | .000 | .003 | .012 | .019 | .027 | .029 | .028 | .029 | .032 | .026 | .013 | .009 | .010 | .010 | .010 | .009 | .010 | .010 | 23 | .032 |
| 8 | .010 | .011 | .009 | BF | .007 | .005 | .004 | .006 | .011 | .015 | .018 | .021 | .022 | .020 | .019 | .018 | .016 | .014 | .012 | .009 | .010 | .011 | .012 | .013 | 23 | .022 |
| 9 | .012 | .013 | .013 | BF | .012 | .009 | .007 | .008 | .010 | .014 | .019 | .022 | .023 | .024 | .022 | .019 | .020 | .016 | .009 | .006 | .009 | .009 | .009 | .008 | 23 | .024 |
| 10 | .009 | .008 | .008 | BF | .008 | .005 | BA | .004 | .008 | .013 | .020 | .025 | .028 | .027 | .024 | .022 | .021 | .019 | .013 | .007 | .009 | .011 | .013 | .011 | 22 | .028 |
| 11 | .009 | .008 | .009 | BF | .009 | .007 | .003 | .007 | .009 | .014 | .021 | .033 | .038 | .039 | .037 | .035 | .026 | .014 | .013 | .013 | .011 | .010 | .009 | .006 | 23 | .039 |
| 12 | .006 | .007 | .004 | BF | .002 | .003 | .003 | .006 | .008 | .013 | .015 | .021 | .026 | .027 | .028 | .026 | .026 | .027 | .023 | .020 | .023 | .022 | .022 | .022 | 23 | .028 |
| 13 | .023 | .024 | .023 | BF | .020 | .018 | .017 | .017 | .016 | .013 | .020 | .025 | .026 | .025 | .024 | .023 | .025 | .020 | .019 | .016 | .012 | .015 | .014 | .013 | 23 | .026 |
| 14 | .014 | .016 | .022 | BF | .024 | .023 | .022 | .021 | .022 | .023 | .024 | .026 | .030 | .033 | .034 | .040 | .040 | .033 | .024 | .016 | .005 | .002 | .002 | .004 | 23 | .040 |
| 15 | .010 | .013 | .014 | BF | .014 | .013 | .013 | .013 | .015 | .018 | .023 | .029 | .031 | .033 | .034 | .033 | .034 | .031 | .027 | .027 | .026 | .024 | .023 | .022 | 23 | .034 |
| 16 | .022 | .020 | .017 | BF | .015 | .010 | .019 | .025 | .022 | .019 | .019 | .017 | .021 | .023 | .024 | .027 | .028 | .025 | .018 | .020 | .012 | .019 | .022 | .026 | 23 | .028 |
| 17 | .026 | .026 | .024 | BF | .021 | .017 | .016 | .018 | .023 | .028 | .031 | .034 | .034 | .035 | .036 | .035 | .035 | .027 | .006 | .003 | .001 | .001 | .001 | .001 | 23 | .036 |
| 18 | .001 | .002 | .003 | BF | .002 | .000 | .000 | .002 | .013 | .030 | .034 | .039 | .040 | .042 | .044 | .043 | .041 | .031 | .009 | .002 | .000 | .000 | .000 | .001 | 23 | .044 |
| 19 | .002 | .003 | .001 | BF | .000 | .000 | .000 | .001 | .011 | .028 | .035 | .039 | .043 | .048 | .050 | .051 | .045 | .010 | .005 | .004 | .002 | .001 | .001 | .000 | 23 | .051 |
| 20 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .001 | .013 | .038 | .045 | .053 | .056 | .056 | .056 | .057 | .052 | .039 | .005 | .004 | .001 | .002 | .002 | .002 | 23 | .057 |
| 21 | .002 | .001 | .001 | BF | .000 | .000 | .000 | .002 | .014 | .032 | .048 | .055 | .056 | .059 | .063 | .065 | .057 | .047 | .015 | .003 | .004 | .002 | .001 | .001 | 23 | .065 |
| 22 | .000 | .000 | .001 | BF | .000 | .000 | .000 | .001 | .014 | .038 | .050 | .055 | .057 | .057 | .057 | .056 | .051 | .041 | .032 | .011 | .003 | .003 | .004 | .005 | 23 | .057 |
| 23 | .007 | .004 | .003 | BF | .000 | .012 | .020 | .019 | .019 | .021 | .025 | .028 | .037 | .040 | .039 | .040 | .038 | .036 | .033 | .030 | .027 | .034 | .032 | .029 | 23 | .040 |
| 24 | .028 | .028 | .025 | BF | .012 | .004 | .004 | .012 | .018 | .020 | .024 | .028 | .027 | .031 | .034 | .035 | .035 | .025 | .012 | .002 | .000 | .003 | .002 | .000 | 23 | .035 |
| 25 | .011 | .018 | .020 | BF | .012 | .002 | .000 | .006 | .023 | .033 | .036 | .037 | .038 | .042 | .042 | .042 | .037 | .010 | .003 | .014 | .028 | .026 | .025 | .025 | 23 | .042 |
| 26 | .023 | .024 | .023 | BF | .022 | .020 | .020 | .021 | .024 | .027 | .031 | .034 | .037 | .039 | .040 | .040 | .036 | .019 | .013 | .002 | .000 | .000 | .000 | .000 | 23 | .040 |
| 27 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .001 | .008 | .024 | .036 | .043 | .048 | .051 | .051 | .052 | .051 | .043 | .029 | .026 | .038 | .038 | .037 | .033 | 23 | .052 |
| 28 | .025 | .021 | .019 | BF | .005 | .002 | .001 | .001 | .015 | .031 | .042 | .044 | .046 | .046 | .044 | .043 | .040 | .032 | .030 | .028 | .019 | .013 | .027 | .031 | 23 | .046 |
| 29 | .027 | .027 | .023 | BF | .017 | .022 | .023 | .021 | .022 | .021 | .022 | .021 | .021 | .019 | .017 | .017 | .017 | .016 | .018 | .019 | .019 | .018 | .018 | .020 | 23 | .027 |
| 30 | .021 | .021 | .020 | BF | .018 | .016 | .009 | .013 | .020 | .027 | .029 | .032 | .032 | .034 | .035 | .035 | .033 | .022 | .007 | .001 | .000 | .005 | .009 | .005 | 23 | .035 |
| 31 | .004 | .001 | .000 | BF | .000 | .000 | .000 | .001 | .008 | .020 | .029 | .036 | .040 | .043 | .048 | .050 | .046 | .034 | .010 | .001 | .000 | .000 | .000 | .000 | 23 | .050 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .028 | .028 | .025 | | .024 | .023 | .023 | .025 | .027 | .038 | .050 | .055 | .057 | .059 | .063 | .065 | .057 | .047 | .034 | .030 | .038 | .038 | .037 | .033 | | |
| AVG: | .0113 | .0113 | .0105 | | .0080 | .0068 | .0067 | .0091 | .0159 | .0244 | .0305 | .0347 | .0372 | .0387 | .0396 | .0396 | .0371 | .0287 | .0183 | .0119 | .0097 | .0099 | .0106 | .0105 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0201 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.0329550009
 LONGITUDE: -78.904037
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 118
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .000 | .000 | .000 | BF | | | | | | | | | | | | | | | | | | | | | 3 | 0.000 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | 0.000 | 0.000 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | 0.0000 | 0.0000 | 0.0000 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: 0.0000 MONTHLY MAX: 0.000

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-065-0099 POC: 1
 COUNTY: (065) Edgecombe
 CITY: (37640) Leggett
 SITE ADDRESS: 7589 NC Hwy 33-NW
 SITE COMMENTS: SPECIAL PURPOSE MONITORING FOR OZONE & SULFUR DIOXIDE NORTH CAROLINA POWER ELECTRIC
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.988333
 LONGITUDE: -77.582778
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 18
 PROBE HEIGHT: 3.86

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .027 | .025 | .024 | BF | .022 | .021 | .021 | .022 | .024 | .026 | .030 | .031 | .029 | .029 | .032 | .032 | .032 | .031 | .034 | .036 | .034 | .029 | .031 | .031 | 23 | .036 | |
| 2 | .031 | .030 | .029 | BF | .035 | .041 | .040 | .039 | .041 | .041 | .042 | .043 | .044 | .045 | .046 | .045 | .045 | .045 | .042 | .030 | .025 | .019 | .017 | .018 | 23 | .046 | |
| 3 | .028 | .033 | .028 | BF | .016 | AE | AE | AE | .024 | .038 | .043 | .044 | .044 | .046 | .045 | .044 | .044 | .044 | .043 | .042 | .041 | .038 | .038 | AE | 19 | .046 | |
| 4 | AE | AE | AE | AE | AE | AE | AE | AE | .031 | .038 | .040 | .042 | .043 | .044 | .046 | .047 | .047 | .046 | .040 | .033 | .027 | .022 | .016 | .017 | 16 | .047 | |
| 5 | .019 | .031 | AE | AE | AE | .034 | AE | .034 | .037 | .040 | .040 | .042 | .044 | .045 | .046 | .047 | .047 | .046 | .038 | .022 | .022 | .025 | .021 | .028 | 20 | .047 | |
| 6 | .032 | .032 | .030 | BF | AE | AE | AE | AE | .030 | .038 | .042 | .046 | .049 | .051 | .053 | .055 | .054 | .052 | .046 | .035 | .032 | .037 | .039 | .040 | 19 | .055 | |
| 7 | .038 | .035 | .026 | BF | .021 | .027 | .008 | .021 | .043 | .047 | .052 | .054 | .054 | .053 | .051 | .050 | .050 | .048 | .048 | .046 | .045 | .044 | .043 | .041 | 23 | .054 | |
| 8 | .041 | .040 | .040 | BF | .038 | .037 | .035 | .035 | BA | .033 | .037 | .042 | .046 | .048 | .050 | .052 | .053 | .053 | .038 | .028 | .024 | .024 | .022 | .034 | 22 | .053 | |
| 9 | .031 | .029 | .023 | BF | .013 | .012 | .008 | .006 | .022 | .040 | .048 | .051 | .053 | .055 | .055 | .056 | .056 | .053 | .050 | .036 | .047 | .047 | .048 | .047 | 23 | .056 | |
| 10 | .047 | .049 | .050 | BF | .049 | .048 | .046 | .044 | .043 | .041 | .044 | .050 | .050 | .045 | .046 | .047 | .046 | .048 | .048 | .046 | .044 | .043 | .042 | .042 | 23 | .050 | |
| 11 | .041 | .040 | .037 | BF | AE | AE | AE | .028 | .037 | .040 | .042 | .044 | .046 | .048 | .048 | .047 | .046 | .043 | .025 | .026 | .023 | .018 | AE | 19 | .048 | | |
| 12 | AE | AE | AE | BF | .038 | .038 | .038 | .040 | .039 | .039 | .039 | .039 | .042 | .045 | .046 | .046 | .046 | .046 | .039 | .031 | .023 | .025 | .032 | .032 | 20 | .046 | |
| 13 | AE | AE | AE | AE | AE | AE | AE | .034 | .038 | .040 | .041 | .040 | .042 | .042 | .043 | .043 | .042 | .040 | .039 | .038 | .038 | .038 | .036 | .035 | 17 | .043 | |
| 14 | .036 | .035 | .036 | BF | .038 | .037 | .038 | .037 | .038 | .039 | .038 | .039 | .039 | .040 | .040 | .040 | .041 | .040 | .039 | .038 | .038 | .038 | .036 | .036 | 23 | .041 | |
| 15 | AE | AE | AE | AE | AE | AE | AE | AE | .041 | .043 | .042 | .043 | .044 | .045 | .046 | .046 | .046 | .045 | .044 | .043 | .040 | .037 | .038 | .039 | 16 | .046 | |
| 16 | .038 | .037 | .037 | BF | .037 | .036 | .036 | .034 | .038 | .041 | .043 | .044 | .045 | .046 | .047 | .049 | .051 | .051 | .048 | .042 | .042 | .036 | .026 | .028 | 23 | .051 | |
| 17 | .023 | .023 | .021 | BF | .012 | .013 | .008 | .012 | .034 | .042 | .047 | .048 | .051 | .052 | .054 | .054 | .053 | .052 | .050 | .045 | .047 | .051 | .051 | .052 | 23 | .054 | |
| 18 | .045 | .045 | .047 | BF | .049 | .048 | .047 | .044 | .042 | .041 | .040 | .038 | .039 | .039 | .039 | .043 | .043 | .042 | .033 | .034 | .038 | .035 | .036 | .038 | 23 | .049 | |
| 19 | .037 | .037 | .035 | BF | .037 | .034 | .033 | .031 | .027 | .027 | .035 | .036 | .038 | .037 | .037 | .040 | .044 | .043 | .041 | .030 | .023 | .021 | .015 | .012 | 23 | .044 | |
| 20 | .008 | .006 | .006 | BF | .005 | .005 | .004 | .013 | .028 | .034 | .038 | .041 | .043 | .045 | .047 | .048 | .050 | .047 | .032 | .031 | .033 | .020 | .030 | .036 | 23 | .050 | |
| 21 | .037 | .034 | .029 | BF | .030 | .029 | .027 | .028 | .031 | .035 | .041 | .048 | .053 | .056 | .055 | .055 | .053 | .050 | .040 | .035 | .034 | .044 | .048 | .045 | 23 | .056 | |
| 22 | .040 | .037 | .039 | BF | .033 | .031 | .027 | .024 | .030 | .041 | .041 | .045 | .048 | .050 | .050 | .050 | .050 | .050 | .047 | .044 | .040 | .037 | .034 | .029 | 23 | .050 | |
| 23 | .031 | .026 | .021 | BF | .016 | .024 | .030 | .035 | .041 | .044 | .046 | .047 | .048 | .049 | .051 | .052 | .052 | .052 | .051 | .050 | .047 | .044 | .035 | .044 | .043 | 23 | .052 |
| 24 | .039 | .038 | .034 | BF | .021 | .016 | .012 | .025 | .038 | .044 | .047 | .049 | .051 | .053 | .052 | .052 | .051 | .050 | .047 | .044 | .035 | .044 | .043 | .042 | 23 | .053 | |
| 25 | .041 | .041 | .040 | BF | .038 | .036 | .032 | .032 | .038 | .043 | .046 | .047 | .050 | .050 | .048 | .046 | .046 | .043 | .035 | .026 | .030 | .038 | .037 | .037 | 23 | .050 | |
| 26 | .034 | .027 | .025 | BF | .019 | .020 | .018 | .022 | .028 | .035 | .041 | .044 | .045 | .045 | .044 | .043 | .045 | .045 | .040 | .038 | .036 | .035 | .033 | .033 | 23 | .045 | |
| 27 | .035 | .035 | .030 | BF | .017 | .007 | .008 | .020 | .037 | .041 | .041 | .042 | .045 | .046 | .047 | .047 | .046 | .045 | .037 | .031 | .039 | .042 | .040 | .039 | 23 | .047 | |
| 28 | .038 | .037 | .036 | BF | .035 | .032 | .032 | .031 | .032 | .030 | .035 | .036 | .037 | .040 | .045 | .049 | .048 | .045 | .038 | .032 | .023 | .018 | .011 | .007 | 23 | .049 | |
| 29 | .003 | .003 | .005 | BF | .017 | .025 | .022 | .022 | .026 | .030 | .034 | .036 | .039 | .042 | .043 | .044 | .045 | .043 | .032 | .032 | .030 | .026 | .022 | .023 | 23 | .045 | |
| 30 | .019 | .016 | .010 | BF | .015 | .014 | .014 | .015 | .021 | .034 | .037 | .041 | .045 | .049 | .049 | .049 | .050 | .048 | .048 | .043 | .039 | .038 | .036 | .033 | 23 | .050 | |
| 31 | .032 | .032 | .031 | BF | .035 | .037 | .037 | .038 | .037 | .035 | .042 | .044 | .045 | .045 | .043 | .043 | .044 | .047 | .045 | .041 | .033 | .031 | .031 | .028 | 23 | .047 | |
| NO.: | 27 | 27 | 26 | | 25 | 25 | 24 | 27 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 29 | | | |
| MAX: | .047 | .049 | .050 | | .049 | .048 | .047 | .044 | .043 | .047 | .052 | .054 | .054 | .056 | .055 | .056 | .056 | .053 | .050 | .046 | .047 | .051 | .051 | .052 | | | |
| AVG: | .0323 | .0316 | .0296 | | .0274 | .0281 | .0259 | .0284 | .0339 | .0381 | .0411 | .0431 | .0449 | .0460 | .0465 | .0472 | .0473 | .0463 | .0414 | .0357 | .0345 | .0338 | .0326 | .0332 | | | |

MONTHLY OBSERVATIONS: 674 MONTHLY MEAN: .0374 MONTHLY MAX: .056

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone
 SITE ID: 37-065-0099 POC: 1
 COUNTY: (065) Edgecombe
 CITY: (37640) Leggett
 SITE ADDRESS: 7589 NC Hwy 33-NW
 SITE COMMENTS: SPECIAL PURPOSE MONITORING FOR OZONE & SULFUR DIOXIDE NORTH CAROLINA POWER ELECTRIC
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.988333
 LONGITUDE: -77.582778
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 18
 PROBE HEIGHT: 3.86

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .025 | .025 | .026 | BF | .023 | .022 | .021 | .021 | .024 | .028 | .033 | .039 | .042 | .043 | .045 | .045 | .046 | .046 | .043 | .042 | .041 | .040 | .036 | .033 | 23 | .046 | |
| 2 | .033 | .033 | .033 | BF | .030 | .030 | .029 | .030 | .034 | .038 | .039 | .043 | .046 | .047 | .046 | .046 | .048 | .047 | .036 | .029 | .024 | .030 | .032 | .037 | 23 | .048 | |
| 3 | .037 | .035 | .029 | BF | .016 | .011 | .012 | .026 | .036 | .042 | .045 | .049 | .049 | .049 | .048 | .045 | .044 | .041 | .042 | .038 | .037 | .038 | .036 | .037 | 23 | .049 | |
| 4 | .038 | .037 | .038 | BF | .035 | .034 | .034 | .034 | .035 | .037 | .040 | .043 | .045 | .049 | .050 | .050 | .052 | .051 | .048 | .038 | .023 | .019 | .016 | .020 | 23 | .052 | |
| 5 | .020 | .025 | .025 | BF | .012 | .009 | .005 | BA | .030 | .037 | .045 | .047 | .049 | .050 | .049 | .050 | .044 | .041 | .041 | .040 | .042 | .042 | .038 | .036 | 22 | .050 | |
| 6 | .032 | .027 | .017 | BF | .019 | .025 | .032 | .036 | .039 | .038 | .039 | .050 | .045 | .043 | .042 | .042 | .043 | .041 | .040 | .038 | .038 | .036 | .035 | .037 | 23 | .050 | |
| 7 | .037 | .037 | .037 | BF | .037 | .037 | .037 | .037 | .038 | .037 | .038 | .038 | .039 | .040 | .041 | .044 | .044 | .044 | .042 | .040 | .040 | .042 | .041 | .037 | 23 | .044 | |
| 8 | .032 | .026 | AE | AE | AE | AE | AE | .027 | .039 | .046 | .049 | .051 | .052 | .053 | .053 | .054 | .055 | .054 | .049 | .031 | .029 | .025 | .020 | .019 | 19 | .055 | |
| 9 | .013 | .010 | .013 | BF | .007 | .008 | .008 | .018 | .030 | .041 | .056 | .062 | .064 | .065 | .063 | .063 | .063 | .062 | .053 | .042 | .044 | .049 | .044 | .043 | 23 | .065 | |
| 10 | .046 | .047 | .044 | BF | .028 | .013 | .010 | .033 | .048 | .052 | .057 | .058 | .057 | .057 | .057 | .057 | .056 | .055 | .051 | .047 | .046 | .045 | .044 | .043 | 23 | .058 | |
| 11 | .041 | .040 | .037 | BF | .033 | .030 | .030 | .035 | .041 | .046 | .049 | .051 | .054 | .056 | .058 | .058 | .058 | .056 | .050 | .040 | .042 | .041 | .039 | .038 | 23 | .058 | |
| 12 | .037 | .035 | .034 | BF | .027 | .025 | .027 | .031 | .035 | .039 | .047 | .052 | .057 | .061 | .063 | .060 | .052 | .053 | .049 | .044 | .038 | .036 | .034 | .030 | 23 | .063 | |
| 13 | .023 | .015 | .010 | BF | .018 | .020 | .033 | .038 | .042 | .047 | .050 | .053 | .056 | .059 | .060 | .059 | .058 | .055 | .050 | .047 | .044 | .042 | .041 | .041 | 23 | .060 | |
| 14 | .041 | .035 | .030 | BF | .031 | .031 | .028 | .028 | .027 | .027 | .030 | .038 | .049 | .053 | .055 | .054 | .053 | .052 | .044 | .047 | .048 | .045 | .041 | .039 | 23 | .055 | |
| 15 | .037 | .035 | .028 | BF | .010 | .009 | .010 | .020 | .030 | .036 | .043 | .047 | .050 | .051 | .050 | .053 | .053 | .053 | .047 | .044 | .043 | .043 | .043 | .045 | 23 | .053 | |
| 16 | .046 | .044 | .042 | BF | .039 | .037 | .036 | .040 | .046 | .049 | .051 | .054 | .056 | .055 | .055 | .054 | .054 | .054 | .052 | .048 | .049 | .048 | .046 | .044 | 23 | .056 | |
| 17 | .043 | .043 | .042 | BF | .041 | .040 | .040 | .042 | .046 | .051 | .053 | .054 | .054 | .055 | .055 | .059 | .058 | .051 | .037 | .033 | .032 | .032 | .033 | .031 | 23 | .059 | |
| 18 | .026 | .024 | .027 | BF | .024 | .024 | .026 | .026 | .031 | .036 | .040 | .045 | .048 | .050 | .052 | .052 | .050 | .048 | .046 | .046 | .043 | .040 | .039 | .037 | 23 | .052 | |
| 19 | .035 | .033 | .031 | BF | .028 | .026 | .023 | .021 | .022 | .024 | .026 | .033 | .038 | .041 | .042 | .042 | .044 | .040 | .028 | .014 | .011 | .009 | .008 | .017 | 23 | .044 | |
| 20 | .011 | .011 | .007 | BF | .000 | .000 | .001 | .012 | .028 | .036 | .042 | .046 | .051 | .051 | .050 | .050 | .051 | .051 | .041 | .022 | .016 | .026 | .032 | .031 | 23 | .051 | |
| 21 | .033 | .033 | .031 | BF | .025 | .024 | .023 | .027 | .032 | .039 | .047 | .052 | .054 | .055 | .056 | .057 | .055 | .052 | .045 | .038 | .039 | .039 | .040 | .037 | 23 | .057 | |
| 22 | .033 | .025 | .017 | BF | .021 | .026 | .024 | .026 | .031 | .035 | .041 | .046 | .050 | .053 | .051 | .052 | .052 | .040 | .024 | .023 | .023 | .023 | .026 | .029 | 23 | .053 | |
| 23 | .030 | .028 | .026 | BF | .023 | .022 | .023 | .023 | .024 | .024 | .029 | .028 | .028 | .029 | .027 | .026 | .024 | .024 | .025 | .026 | .028 | .029 | .029 | .027 | 23 | .030 | |
| 24 | .026 | .024 | .024 | BF | .022 | .022 | .023 | .022 | .021 | .022 | .023 | .023 | .023 | .024 | .024 | .024 | .025 | .029 | .035 | .028 | .025 | .029 | .030 | .031 | 23 | .035 | |
| 25 | .032 | .032 | .034 | BF | .039 | .048 | .050 | .041 | .042 | .045 | .051 | .055 | .054 | .052 | .052 | .046 | .045 | .049 | .042 | .044 | .041 | .030 | .026 | .025 | 23 | .055 | |
| 26 | .025 | .025 | .028 | BF | .029 | .027 | .025 | .030 | .031 | .032 | .035 | .036 | .036 | .042 | .047 | .045 | .044 | .043 | .032 | .018 | .013 | .012 | .015 | .012 | 23 | .047 | |
| 27 | .012 | .016 | .034 | BF | .042 | .038 | .037 | .041 | .049 | .053 | .055 | .056 | .055 | .057 | .060 | .059 | .058 | .055 | .048 | .043 | .036 | .036 | .036 | .036 | 23 | .060 | |
| 28 | .036 | .034 | .031 | BF | .023 | .019 | .019 | .022 | .025 | .028 | .033 | .034 | .036 | .036 | .036 | .038 | .040 | .038 | .030 | .029 | .030 | .027 | .025 | .025 | 23 | .040 | |
| 29 | .026 | .028 | .029 | BF | .031 | .030 | .029 | .029 | .028 | .029 | .030 | .031 | .032 | .033 | .034 | .035 | .035 | .033 | .029 | .020 | .016 | .020 | .018 | .018 | 23 | .035 | |
| 30 | .017 | .017 | .016 | BF | .018 | .019 | .018 | .020 | .021 | .023 | .024 | .026 | .026 | .026 | .027 | .027 | .026 | .025 | .025 | .025 | .026 | .026 | .025 | .023 | 23 | .027 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 29 | | 29 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .046 | .047 | .044 | | .042 | .048 | .050 | .042 | .049 | .053 | .057 | .062 | .064 | .065 | .063 | .063 | .063 | .062 | .053 | .048 | .049 | .049 | .046 | .045 | | | |
| AVG: | .0308 | .0293 | .0283 | | .0252 | .0243 | .0246 | .0288 | .0335 | .0372 | .0413 | .0447 | .0465 | .0478 | .0483 | .0482 | .0477 | .0461 | .0408 | .0355 | .0336 | .0333 | .0323 | .0319 | | | |

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: .0366 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-065-0099 POC: 1
 COUNTY: (065) Edgecombe
 CITY: (37640) Leggett
 SITE ADDRESS: 7589 NC Hwy 33-NW
 SITE COMMENTS: SPECIAL PURPOSE MONITORING FOR OZONE & SULFUR DIOXIDE NORTH CAROLINA POWER ELECTRIC
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.988333
 LONGITUDE: -77.582778
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 18
 PROBE HEIGHT: 3.86

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .021 | .020 | .019 | BF | .019 | .021 | .022 | .023 | .026 | .028 | .030 | .031 | .032 | .033 | .032 | .033 | .031 | .031 | .030 | .027 | .025 | .024 | .023 | .021 | 23 | .033 |
| 2 | .026 | .028 | .026 | BF | .030 | .030 | .027 | BA | .042 | .047 | .050 | .055 | .056 | .056 | .055 | .054 | .053 | .053 | .051 | .044 | .041 | .031 | .034 | .034 | 22 | .056 |
| 3 | .029 | .016 | .009 | BF | .004 | .010 | .020 | .036 | .043 | .048 | .050 | .051 | .052 | .052 | .053 | .053 | .054 | .052 | .047 | .036 | .032 | .037 | .049 | .049 | 23 | .054 |
| 4 | .047 | .043 | .038 | BF | .035 | .035 | .035 | .038 | .045 | .048 | .049 | .053 | .054 | .052 | .047 | .047 | .045 | .042 | .042 | .043 | .044 | .044 | .044 | .041 | 23 | .054 |
| 5 | .038 | .030 | .022 | BF | .018 | .021 | .027 | .027 | .029 | .032 | .038 | .037 | .036 | .042 | .044 | .044 | .045 | .047 | .046 | .043 | .042 | .042 | .039 | .035 | 23 | .047 |
| 6 | .033 | .031 | .030 | BF | .029 | .027 | .026 | .026 | .026 | .026 | .025 | .026 | .025 | .029 | .037 | .040 | .040 | .039 | .039 | .031 | .024 | .018 | .021 | .030 | 23 | .040 |
| 7 | .028 | .023 | .021 | BF | .018 | .019 | .024 | .028 | .033 | .036 | .038 | .041 | .042 | .043 | .047 | .047 | .048 | .047 | .044 | .027 | .018 | .015 | .017 | .017 | 23 | .048 |
| 8 | .019 | .019 | .018 | BF | .013 | .005 | .006 | .019 | .036 | .043 | .048 | .052 | .056 | .057 | .054 | .053 | .055 | .054 | .050 | .032 | .021 | .017 | .014 | .017 | 23 | .057 |
| 9 | .025 | .020 | .017 | BF | .010 | .007 | .014 | .023 | .037 | .045 | .051 | .053 | .050 | .045 | .041 | .043 | .042 | .037 | .034 | .034 | .027 | .024 | .021 | .019 | 23 | .053 |
| 10 | .024 | .023 | .021 | BF | .014 | .009 | .011 | .019 | .023 | .028 | .038 | .043 | .046 | .049 | .050 | .052 | .054 | .055 | .046 | .039 | .039 | .035 | .035 | .033 | 23 | .055 |
| 11 | .029 | .023 | .024 | BF | .032 | .031 | .031 | .032 | .032 | .029 | .031 | .027 | .029 | .036 | .039 | .042 | .037 | .035 | .031 | .038 | .042 | .042 | .041 | .045 | 23 | .045 |
| 12 | .047 | .045 | .045 | BF | .035 | .035 | .033 | .031 | .031 | .031 | .031 | .029 | .028 | .029 | .029 | .027 | .025 | .027 | .026 | .026 | .025 | .026 | .026 | .026 | 23 | .047 |
| 13 | .025 | .025 | .024 | BF | .021 | .021 | .021 | .022 | .022 | .022 | .025 | .028 | .031 | .031 | .031 | .029 | .028 | .026 | .024 | .014 | .005 | .003 | .001 | .000 | 23 | .031 |
| 14 | .000 | .001 | .000 | BF | .000 | .000 | .005 | .016 | .025 | .036 | .046 | .050 | .054 | .057 | .057 | .057 | .056 | .057 | .055 | .051 | .049 | .050 | .051 | .049 | 23 | .057 |
| 15 | .046 | .041 | .040 | BF | .034 | .029 | .038 | .041 | .044 | .046 | .050 | .051 | .053 | .055 | .059 | .058 | .057 | .055 | .047 | .024 | .013 | .014 | .018 | .015 | 23 | .059 |
| 16 | .017 | .024 | .019 | BF | .016 | .013 | .017 | .029 | .036 | .044 | .049 | .052 | .056 | .058 | .063 | .063 | .063 | .061 | .051 | .025 | .018 | .017 | .024 | .007 | 23 | .063 |
| 17 | .019 | .009 | .005 | BF | .016 | .008 | .020 | .033 | .044 | .053 | .061 | .067 | .064 | .062 | .062 | .065 | .069 | .065 | .059 | .040 | .018 | .045 | .048 | .047 | 23 | .069 |
| 18 | .046 | .043 | .040 | BF | .036 | .030 | .031 | .037 | .043 | .047 | .050 | .051 | .052 | .055 | .055 | .055 | .055 | .054 | .048 | .043 | .039 | .037 | .038 | .036 | 23 | .055 |
| 19 | .035 | .035 | .035 | BF | .033 | .032 | .032 | .034 | AV | .042 | .045 | .047 | .048 | .049 | .049 | .049 | .048 | .047 | .038 | .025 | .031 | .025 | .024 | .017 | 22 | .049 |
| 20 | .016 | .021 | .022 | BF | .020 | .019 | .024 | .033 | .040 | .047 | .052 | .055 | .051 | .050 | .049 | .048 | .050 | .043 | .039 | .037 | .032 | .030 | .030 | .029 | 23 | .055 |
| 21 | .028 | .028 | .029 | BF | .029 | .028 | .027 | .026 | .027 | .028 | .030 | .032 | .032 | .032 | .032 | .032 | .032 | .032 | .033 | .029 | .027 | .022 | .021 | .022 | 23 | .033 |
| 22 | .026 | .025 | .022 | BF | .019 | .019 | .020 | .022 | .022 | .023 | .027 | .028 | .029 | .031 | .033 | .032 | .030 | .028 | .023 | .017 | .010 | .007 | .013 | .012 | 23 | .033 |
| 23 | .008 | .014 | .005 | BF | .006 | .003 | .009 | .010 | .024 | .024 | .025 | .033 | .024 | .025 | .025 | .024 | .022 | .022 | .025 | .024 | .023 | .022 | .022 | .022 | 23 | .033 |
| 24 | .023 | .022 | .021 | BF | .018 | .017 | .018 | .019 | .022 | .027 | .028 | .028 | .030 | .030 | .028 | .025 | .020 | .022 | .031 | .035 | .025 | .022 | .024 | .029 | 23 | .035 |
| 25 | .027 | .025 | .024 | BF | .022 | .019 | .031 | .036 | .039 | .041 | .044 | .047 | .049 | .049 | .050 | .042 | .043 | .035 | .039 | .034 | .034 | .037 | .036 | .036 | 23 | .050 |
| 26 | .035 | .035 | .033 | BF | .031 | .030 | .030 | .034 | .043 | .047 | .050 | .049 | .051 | .051 | .052 | .052 | .053 | .054 | .050 | .037 | .025 | .017 | .015 | .010 | 23 | .054 |
| 27 | .007 | .003 | .003 | BF | .003 | .007 | .015 | .030 | .039 | .044 | .051 | .056 | .058 | .059 | .058 | .058 | .058 | .054 | .047 | .032 | .021 | .014 | .011 | .035 | 23 | .059 |
| 28 | .039 | .036 | .029 | BF | .009 | .006 | .009 | .009 | .019 | .037 | .046 | .051 | .050 | .053 | .052 | .055 | .054 | .049 | .041 | .020 | .014 | .004 | .001 | .000 | 23 | .055 |
| 29 | .002 | .009 | .014 | BF | .009 | .005 | .017 | .030 | .038 | .045 | .047 | .049 | .048 | .049 | .051 | .051 | .050 | .047 | .039 | .018 | .011 | .006 | .007 | .020 | 23 | .051 |
| 30 | .019 | .016 | .013 | BF | .015 | .006 | .012 | BA | .029 | .031 | .033 | .037 | .041 | .042 | .046 | .048 | .048 | .041 | .034 | .023 | .017 | .011 | .004 | .003 | 22 | .048 |
| 31 | .012 | .013 | .012 | BF | .007 | .010 | .011 | .016 | .031 | .038 | .045 | .052 | .051 | .051 | .045 | .048 | .045 | .042 | .041 | .036 | .031 | .031 | .036 | .033 | 23 | .052 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .047 | .045 | .045 | | .036 | .035 | .038 | .041 | .045 | .053 | .061 | .067 | .064 | .062 | .063 | .065 | .069 | .065 | .059 | .051 | .049 | .050 | .051 | .049 | | |
| AVG: | .0257 | .0241 | .0219 | | .0194 | .0178 | .0214 | .0269 | .0330 | .0375 | .0414 | .0439 | .0445 | .0455 | .0460 | .0461 | .0455 | .0436 | .0402 | .0318 | .0266 | .0248 | .0254 | .0255 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0330 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-065-0099 POC: 1
 COUNTY: (065) Edgecombe
 CITY: (37640) Leggett
 SITE ADDRESS: 7589 NC Hwy 33-NW
 SITE COMMENTS: SPECIAL PURPOSE MONITORING FOR OZONE & SULFUR DIOXIDE NORTH CAROLINA POWER ELECTRIC
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.988333
 LONGITUDE: -77.582778
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 18
 PROBE HEIGHT: 3.86

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .029 | .026 | .018 | BF | .004 | .002 | .011 | .027 | .041 | .049 | .053 | .056 | .058 | .056 | .056 | .055 | .056 | .055 | .048 | .030 | .015 | .008 | .004 | .001 | 23 | .058 | |
| 2 | .003 | .001 | .004 | BF | .008 | .016 | .025 | .036 | .043 | .051 | .054 | .059 | .060 | .060 | .061 | .059 | .059 | .059 | .055 | .028 | .018 | .011 | .001 | .003 | 23 | .061 | |
| 3 | .004 | .001 | .000 | BF | .002 | .000 | .008 | .026 | .043 | .054 | .063 | .066 | .065 | .064 | .063 | .060 | .060 | .057 | .053 | .042 | .018 | .010 | .005 | .002 | 23 | .066 | |
| 4 | .003 | .001 | .001 | BF | .000 | .000 | .007 | .026 | .039 | .048 | .057 | .060 | .060 | .062 | .063 | .063 | .060 | .054 | .046 | .039 | .038 | .040 | .038 | .029 | 23 | .063 | |
| 5 | .027 | .020 | .016 | BF | .012 | .012 | .012 | .013 | .016 | .019 | .022 | .023 | .022 | .022 | .025 | .023 | .021 | .023 | .026 | .021 | .022 | .025 | .023 | .023 | 23 | .027 | |
| 6 | .022 | .026 | .022 | BF | .019 | .018 | .019 | .024 | .029 | .032 | .034 | .039 | .043 | .047 | .050 | .048 | .050 | .049 | .040 | .030 | .019 | .035 | .048 | .048 | 23 | .050 | |
| 7 | .046 | .041 | .034 | BF | .032 | .031 | .029 | .029 | .035 | .038 | .042 | .043 | .042 | .044 | .043 | .041 | .039 | .036 | .034 | .034 | .033 | .034 | .035 | .032 | 23 | .046 | |
| 8 | .032 | .032 | .030 | BF | .029 | .030 | .029 | .029 | .029 | .031 | .032 | .033 | .035 | .035 | .034 | .034 | .035 | .037 | .035 | .033 | .026 | .016 | .015 | .013 | 23 | .037 | |
| 9 | .005 | .006 | .009 | BF | .001 | .002 | .013 | .024 | .034 | .043 | .046 | .047 | .050 | .052 | .052 | .054 | .053 | .053 | .045 | .015 | .009 | .004 | .010 | .021 | 23 | .054 | |
| 10 | .010 | .006 | .002 | BF | .000 | .002 | .015 | .030 | .036 | .044 | .051 | .055 | .055 | .057 | .057 | .058 | .058 | .056 | .044 | .015 | .030 | .036 | .037 | .033 | 23 | .058 | |
| 11 | .034 | .036 | .035 | BF | .008 | .011 | .021 | .030 | .037 | .041 | .045 | .048 | .049 | .051 | .052 | .054 | .054 | .053 | .047 | .033 | .036 | .034 | .035 | .033 | 23 | .054 | |
| 12 | .032 | .030 | .027 | BF | .016 | .010 | .024 | .028 | .036 | .046 | .051 | .050 | .053 | .057 | .056 | .054 | .049 | .051 | .045 | .020 | .008 | .035 | .036 | .034 | 23 | .057 | |
| 13 | .033 | .036 | .037 | BF | .026 | .026 | .029 | .033 | .037 | .046 | .048 | .048 | .053 | .058 | .057 | .055 | .058 | .058 | .048 | .040 | .039 | .034 | .030 | .026 | 23 | .058 | |
| 14 | .025 | .016 | .015 | BF | .024 | .021 | .025 | .034 | .039 | .047 | .053 | .060 | .065 | .065 | .065 | .063 | .064 | .060 | .049 | .044 | .047 | .047 | .041 | .037 | 23 | .065 | |
| 15 | .031 | .028 | .025 | BF | .019 | .018 | .021 | .031 | AZ | .040 | .044 | .049 | .050 | .052 | .051 | .047 | .051 | .048 | .042 | .036 | .035 | .037 | .033 | .030 | 22 | .052 | |
| 16 | .024 | .018 | .013 | BF | .004 | .005 | .013 | .027 | .029 | .034 | .043 | .041 | .043 | .043 | .047 | .056 | .060 | .046 | .042 | .035 | .033 | .037 | .034 | .030 | 23 | .060 | |
| 17 | .023 | .020 | .015 | BF | .007 | .009 | .014 | .016 | .020 | .023 | .023 | .027 | .029 | .033 | .030 | .029 | .028 | .025 | .019 | .016 | .014 | .016 | .017 | .016 | 23 | .033 | |
| 18 | .015 | .016 | .021 | BF | .020 | .017 | .017 | .022 | .024 | .027 | .030 | .034 | .035 | .035 | .038 | .038 | .036 | .031 | .031 | .023 | .016 | .016 | .016 | .015 | 23 | .038 | |
| 19 | .013 | .012 | .011 | BF | .011 | .009 | .010 | .013 | .016 | .020 | .023 | .027 | .028 | .029 | .028 | .026 | .025 | .022 | .026 | .024 | .019 | .015 | .014 | .013 | 23 | .029 | |
| 20 | .013 | .030 | .034 | BF | .038 | .031 | .027 | .028 | .025 | .026 | .028 | .032 | .030 | .029 | .030 | .029 | .026 | .026 | .023 | .023 | .022 | .021 | .019 | .018 | 23 | .038 | |
| 21 | .015 | .015 | .016 | BF | .013 | .032 | .026 | .027 | .024 | .023 | .027 | .027 | .028 | .032 | .034 | .035 | .034 | .029 | .025 | .024 | .018 | .018 | .016 | .012 | 23 | .035 | |
| 22 | .009 | .007 | .005 | BF | .009 | .007 | .008 | .011 | .015 | .021 | .026 | .027 | .028 | .028 | .025 | .028 | .029 | .027 | .025 | .018 | .016 | .015 | .015 | .015 | 23 | .029 | |
| 23 | .014 | .012 | .009 | BF | .009 | .009 | .009 | .010 | .010 | .012 | .016 | .024 | .027 | .026 | .027 | .029 | .031 | .026 | .024 | .022 | .020 | .019 | .019 | .018 | 23 | .031 | |
| 24 | .018 | .019 | .020 | BF | .021 | .020 | .020 | .020 | .025 | .032 | .034 | .038 | .040 | .040 | .042 | .043 | .037 | .025 | .023 | .033 | .035 | .028 | .025 | .022 | 23 | .043 | |
| 25 | .018 | .018 | .015 | BF | .014 | .015 | .016 | .018 | .024 | .025 | .030 | .033 | .037 | .039 | .040 | .039 | .042 | .036 | .033 | .028 | .024 | .025 | .024 | .017 | 23 | .042 | |
| 26 | .008 | .014 | .019 | BF | .009 | .009 | .013 | .026 | .031 | .038 | .045 | .047 | .050 | .051 | .052 | .054 | .055 | .055 | .049 | .026 | .012 | .006 | .001 | .000 | 23 | .055 | |
| 27 | .003 | .002 | .006 | BF | .004 | .001 | .010 | BA | .032 | .035 | .039 | .044 | .048 | .050 | .047 | .046 | .041 | .038 | .037 | .025 | .013 | .008 | .010 | 22 | .050 | | |
| 28 | .005 | .002 | AE | AE | .018 | .017 | .018 | .023 | .029 | .036 | .041 | .044 | .044 | .044 | .045 | .046 | .047 | .047 | .043 | .024 | .014 | .008 | .013 | .013 | 22 | .047 | |
| 29 | .010 | .010 | .004 | BF | .000 | .000 | .002 | .013 | .026 | .042 | .050 | .055 | .056 | .057 | .057 | .056 | .056 | .056 | .046 | .030 | .021 | .019 | .024 | .031 | 23 | .057 | |
| 30 | .030 | .026 | .011 | BF | .004 | .004 | .016 | .028 | .035 | .036 | .039 | .041 | .042 | .041 | .037 | .032 | .030 | .024 | .021 | .017 | .012 | .011 | .011 | .010 | 23 | .042 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 29 | | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .046 | .041 | .037 | | .038 | .032 | .029 | .036 | .043 | .054 | .063 | .066 | .065 | .065 | .065 | .063 | .064 | .060 | .055 | .044 | .047 | .047 | .048 | .048 | | | |
| AVG: | .0185 | .0176 | .0163 | | .0127 | .0128 | .0169 | .0242 | .0296 | .0353 | .0396 | .0426 | .0442 | .0453 | .0455 | .0451 | .0448 | .0421 | .0375 | .0280 | .0231 | .0224 | .0216 | .0202 | | | |

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .0298 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-065-0099 POC: 1
 COUNTY: (065) Edgecombe
 CITY: (37640) Leggett
 SITE ADDRESS: 7589 NC Hwy 33-NW
 SITE COMMENTS: SPECIAL PURPOSE MONITORING FOR OZONE & SULFUR DIOXIDE NORTH CAROLINA POWER ELECTRIC
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.988333
 LONGITUDE: -77.582778
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 18
 PROBE HEIGHT: 3.86

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .010 | .013 | .012 | BF | .012 | .013 | .014 | .017 | .020 | .018 | .017 | .019 | .020 | .027 | .028 | .030 | .032 | .030 | .026 | .021 | .019 | .018 | .015 | .011 | 23 | .032 |
| 2 | .013 | .014 | .010 | BF | .011 | .016 | .018 | .021 | .026 | .033 | .037 | .040 | .042 | .043 | .042 | .042 | .043 | .041 | .035 | .030 | .004 | .001 | .001 | .016 | 23 | .043 |
| 3 | .029 | .020 | .010 | BF | AI | AI | .010 | .019 | .026 | .034 | .046 | .052 | .050 | .049 | .049 | .048 | .038 | .037 | .034 | .020 | .016 | .013 | .017 | 21 | .052 | |
| 4 | .013 | AI | .005 | BF | .002 | .001 | .004 | .013 | .026 | .033 | .034 | .039 | .042 | .043 | .042 | .041 | .032 | .034 | .033 | .027 | .023 | .014 | .009 | .008 | 22 | .043 |
| 5 | .009 | .005 | .005 | BF | .002 | .000 | .004 | .011 | .020 | .028 | .036 | .036 | .037 | .037 | .033 | .033 | .031 | .029 | .025 | .029 | .023 | .024 | .021 | .019 | 23 | .037 |
| 6 | .018 | .016 | .016 | BF | .013 | .011 | .014 | .015 | .019 | .029 | .036 | .044 | .043 | .039 | .042 | .046 | .049 | .046 | .036 | .025 | .012 | .015 | .017 | .019 | 23 | .049 |
| 7 | .016 | .020 | .019 | BF | .020 | .019 | .020 | .025 | .031 | .034 | .041 | .043 | .046 | .045 | .046 | .048 | .050 | .050 | .047 | .038 | .026 | .015 | .004 | .012 | 23 | .050 |
| 8 | AI | .024 | .023 | BF | .018 | .017 | .017 | .024 | .033 | .042 | .044 | .046 | .050 | .052 | .054 | .055 | .050 | .045 | .040 | .040 | .038 | .036 | .031 | .028 | 22 | .055 |
| 9 | .025 | .020 | .015 | BF | .011 | .008 | .012 | .019 | .026 | .033 | .036 | .040 | .041 | .041 | .043 | .044 | .044 | .043 | .034 | .024 | .010 | .017 | .012 | .016 | 23 | .044 |
| 10 | .011 | .007 | .003 | BF | AI | AI | .002 | .010 | .023 | .027 | .032 | .039 | .044 | .044 | .044 | .041 | .039 | .036 | .031 | .028 | .023 | .020 | .017 | .017 | 21 | .044 |
| 11 | .017 | .014 | .015 | BF | .011 | .008 | .014 | .022 | .028 | .033 | .039 | .041 | .044 | .049 | .055 | .056 | .053 | .056 | .043 | .030 | .022 | .022 | .022 | .022 | 23 | .056 |
| 12 | .022 | .018 | .015 | BF | .012 | .011 | .014 | .018 | .026 | .035 | .042 | .045 | .047 | .048 | .050 | .052 | .050 | .046 | .041 | .032 | .015 | .016 | .018 | .017 | 23 | .052 |
| 13 | .017 | .016 | .015 | BF | .010 | .008 | .009 | .014 | .022 | .031 | .036 | .038 | .040 | .040 | .041 | .046 | .046 | .043 | .038 | .031 | .026 | .020 | .017 | .015 | 23 | .046 |
| 14 | .014 | .013 | .011 | BF | .010 | .009 | .010 | .015 | .026 | .032 | .037 | .044 | .050 | .050 | .046 | .040 | .037 | .035 | .039 | .031 | .028 | .024 | .020 | .016 | 23 | .050 |
| 15 | .014 | .014 | .013 | BF | .004 | .006 | .011 | .019 | .032 | .041 | .047 | .052 | .052 | .054 | .052 | .051 | .050 | .050 | .046 | .036 | .023 | .020 | .030 | .035 | 23 | .054 |
| 16 | .035 | .032 | .031 | BF | .022 | .017 | .015 | .026 | .029 | .037 | .041 | .043 | .041 | .040 | .043 | .045 | .041 | .038 | .035 | .028 | .025 | .022 | .023 | .020 | 23 | .045 |
| 17 | .023 | .020 | .018 | BF | .012 | .014 | .020 | .019 | .023 | .027 | .031 | .040 | .040 | .039 | .039 | .038 | .035 | .034 | .031 | .025 | .013 | .004 | .014 | .013 | 23 | .040 |
| 18 | .013 | .008 | .012 | BF | .002 | AI | .003 | .008 | .015 | .020 | .028 | .033 | .037 | .038 | .036 | .035 | .036 | .033 | .025 | .015 | .020 | .012 | .007 | .008 | 22 | .038 |
| 19 | .005 | .005 | AI | BF | AI | AI | .002 | .019 | .036 | .048 | .053 | .052 | .054 | .054 | .053 | .054 | .058 | .056 | .046 | .029 | .027 | .028 | .019 | .006 | 20 | .058 |
| 20 | .003 | .002 | .000 | BF | AI | AI | .008 | .020 | .032 | .043 | .052 | .057 | .057 | .059 | .061 | .058 | .057 | .055 | .046 | .035 | .015 | .028 | .031 | .032 | 21 | .061 |
| 21 | .026 | .019 | .012 | BF | .008 | .011 | .016 | .024 | .037 | .046 | .053 | .056 | .061 | .065 | .063 | .061 | .052 | .055 | .055 | .050 | .041 | .039 | .035 | .033 | 23 | .065 |
| 22 | .027 | .027 | .028 | BF | .019 | .017 | .017 | .024 | .033 | .042 | .048 | .050 | .051 | .054 | .056 | .053 | .052 | .052 | .050 | .045 | .040 | .039 | .034 | .031 | 23 | .056 |
| 23 | .029 | .031 | .030 | BF | .025 | .024 | .025 | .029 | .034 | .040 | .043 | .046 | .046 | .049 | .053 | .052 | .054 | .053 | .052 | .051 | .045 | .037 | .034 | .028 | 23 | .054 |
| 24 | .025 | .019 | .014 | BF | .017 | .017 | .019 | .024 | .026 | .029 | .034 | .038 | .041 | .044 | .046 | .049 | .053 | .054 | .046 | .037 | .036 | .033 | .031 | .025 | 23 | .054 |
| 25 | .021 | .016 | .015 | BF | .007 | .005 | .006 | .020 | .034 | .040 | .044 | .045 | .049 | .051 | .052 | .053 | .053 | .049 | .042 | .040 | .041 | .041 | .038 | .036 | 23 | .053 |
| 26 | .034 | .031 | .026 | BF | .021 | .018 | .019 | BA | .032 | .036 | .037 | .039 | .040 | .041 | .042 | .045 | .048 | .049 | .040 | .032 | .029 | .027 | .025 | .024 | 22 | .049 |
| 27 | .025 | .022 | .017 | BF | .006 | .008 | .018 | .028 | .033 | .034 | .041 | .045 | .047 | .049 | .051 | .051 | .046 | .037 | .035 | .025 | .035 | .040 | .038 | .031 | 23 | .051 |
| 28 | .024 | .022 | .020 | BF | .019 | .016 | .012 | .013 | .013 | .023 | .036 | .041 | .046 | .045 | .042 | .032 | .026 | .035 | .029 | .030 | .032 | .028 | .027 | .034 | 23 | .046 |
| 29 | .026 | .023 | .018 | BF | .010 | .009 | .009 | .010 | .013 | .024 | .033 | .035 | .035 | .035 | .034 | .031 | .030 | .029 | .031 | .031 | .028 | .025 | .027 | .026 | 23 | .035 |
| 30 | .024 | .022 | .019 | BF | .018 | .016 | .017 | .021 | .025 | .030 | .034 | .036 | .036 | .036 | .039 | .041 | .042 | .039 | .035 | .027 | .018 | .014 | .012 | .010 | 23 | .042 |
| 31 | .006 | .003 | .005 | BF | .008 | AE | .014 | .023 | .029 | .034 | .034 | .035 | .035 | .037 | .039 | .042 | .046 | .047 | .044 | .029 | .024 | .014 | .013 | .006 | 22 | .047 |
| NO.: | 30 | 30 | 30 | | 27 | 25 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .035 | .032 | .031 | | .025 | .024 | .025 | .029 | .037 | .048 | .053 | .057 | .061 | .065 | .063 | .061 | .058 | .056 | .055 | .051 | .045 | .041 | .038 | .036 | | |
| AVG: | .0191 | .0172 | .0151 | | .0122 | .0120 | .0127 | .0190 | .0267 | .0334 | .0388 | .0422 | .0440 | .0451 | .0457 | .0456 | .0446 | .0431 | .0385 | .0318 | .0252 | .0229 | .0211 | .0204 | | |

MONTHLY OBSERVATIONS: 699 MONTHLY MEAN: .0297 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone
 SITE ID: 37-065-0099 POC: 1
 COUNTY: (065) Edgecombe
 CITY: (37640) Leggett
 SITE ADDRESS: 7589 NC Hwy 33-NW
 SITE COMMENTS: SPECIAL PURPOSE MONITORING FOR OZONE & SULFUR DIOXIDE NORTH CAROLINA POWER ELECTRIC
 MONITOR COMMENTS: 14

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 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
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 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
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 LONGITUDE: -77.582778
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 18
 PROBE HEIGHT: 3.86

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .002 | .002 | .001 | BF | .000 | .000 | .002 | .014 | .026 | .036 | .044 | .045 | .047 | .046 | .046 | .045 | .042 | .036 | .013 | .002 | .010 | .012 | .005 | 23 | .047 | |
| 2 | .000 | .001 | .003 | BF | .000 | .000 | .001 | .014 | .027 | .035 | .042 | .046 | .046 | .045 | .047 | .049 | .047 | .039 | .020 | .022 | .007 | .003 | .004 | .003 | 23 | .049 |
| 3 | .004 | .001 | .000 | BF | .002 | .002 | .008 | .016 | .021 | .028 | .038 | .045 | .049 | .053 | .052 | .052 | .044 | .039 | .035 | .027 | .023 | .024 | .020 | .014 | 23 | .053 |
| 4 | .015 | .011 | .010 | BF | .006 | .002 | .005 | .016 | .023 | .028 | .037 | .040 | .041 | .044 | .046 | .049 | .047 | .043 | .039 | .030 | .030 | .027 | .026 | .023 | 23 | .049 |
| 5 | .020 | .017 | .018 | BF | .014 | .012 | .014 | .024 | .030 | .035 | .042 | .045 | .046 | .047 | .050 | .052 | .050 | .039 | .023 | .012 | .011 | .009 | .025 | 23 | .052 | |
| 6 | .028 | .028 | .023 | BF | .018 | .016 | .017 | .023 | .029 | .034 | .036 | .038 | .040 | .043 | .041 | .039 | .039 | .039 | .039 | .035 | .032 | .030 | .028 | .024 | 23 | .043 |
| 7 | .021 | .021 | .020 | BF | .011 | .004 | .006 | .015 | .019 | .019 | .020 | .025 | .029 | .031 | .033 | .032 | .031 | .028 | .025 | .025 | .024 | .024 | .023 | .021 | 23 | .033 |
| 8 | .019 | .015 | .017 | BF | .010 | .009 | .008 | .009 | .021 | .026 | .031 | .033 | .036 | .035 | .033 | .033 | .027 | .026 | .029 | .024 | .019 | .025 | .024 | .019 | 23 | .036 |
| 9 | .015 | .012 | .013 | BF | .013 | .014 | .015 | .018 | .032 | .042 | .041 | .040 | .041 | .049 | .052 | .048 | .046 | .043 | .039 | .034 | .033 | .014 | .011 | .005 | 23 | .052 |
| 10 | .003 | .004 | .002 | BF | .003 | .005 | .010 | .022 | .036 | .042 | .041 | .041 | .041 | .041 | .041 | .042 | .042 | .042 | .037 | .028 | .024 | .022 | .018 | .013 | 23 | .042 |
| 11 | .014 | .014 | .014 | BF | .012 | .011 | .009 | .012 | .016 | .019 | .023 | .024 | .023 | .025 | .027 | .026 | .025 | .023 | .020 | .019 | .015 | .012 | .011 | .011 | 23 | .027 |
| 12 | .010 | .009 | .010 | BF | .008 | .006 | .007 | .017 | .018 | .016 | .017 | .015 | .017 | .017 | .011 | .015 | .017 | .014 | .009 | .009 | .009 | .007 | .009 | .010 | 23 | .018 |
| 13 | .007 | .004 | .004 | BF | .004 | .003 | .006 | .009 | .009 | .026 | .028 | .033 | .031 | .031 | .032 | .035 | .033 | .031 | .028 | .022 | .019 | .016 | .013 | .010 | 23 | .035 |
| 14 | .008 | .009 | .009 | BF | .009 | .008 | .011 | .010 | .011 | .014 | .019 | .023 | .027 | .027 | .025 | .025 | .025 | .022 | .024 | .019 | .029 | .025 | .019 | .012 | 23 | .029 |
| 15 | .008 | .006 | .005 | BF | .005 | .005 | .006 | .009 | .014 | .019 | .024 | .026 | .027 | .024 | .015 | .024 | .031 | .030 | .019 | .013 | .016 | .023 | .023 | .017 | 23 | .031 |
| 16 | .012 | .010 | .008 | BF | .008 | .012 | .014 | .015 | .018 | .026 | .029 | .031 | .033 | .038 | .040 | .045 | .044 | .040 | .027 | .011 | .002 | .000 | .000 | .004 | 23 | .045 |
| 17 | .003 | .001 | .004 | BF | .005 | .007 | .008 | .009 | .015 | .024 | .027 | .033 | .035 | .040 | .041 | .036 | .023 | .030 | .027 | .021 | .015 | .010 | .008 | .005 | 23 | .041 |
| 18 | .007 | .014 | .011 | BF | .014 | .015 | .017 | .017 | .020 | .026 | .033 | .036 | .036 | .038 | .043 | .044 | .042 | .038 | .032 | .026 | .023 | .018 | .023 | .023 | 23 | .044 |
| 19 | .020 | .006 | .007 | BF | .004 | .006 | .011 | .018 | .027 | .035 | .038 | .040 | .041 | .042 | .044 | .041 | .039 | .036 | .030 | .019 | .008 | .004 | .006 | .005 | 23 | .044 |
| 20 | .001 | .000 | .000 | BF | .000 | .000 | .000 | .004 | .020 | .032 | .040 | .048 | .046 | .049 | .046 | .047 | .048 | .041 | .028 | .019 | .007 | .005 | .005 | .004 | 23 | .049 |
| 21 | .001 | .000 | .000 | BF | .000 | .000 | .002 | .010 | .024 | .034 | .035 | .038 | .042 | .041 | .034 | .037 | .038 | .035 | .026 | .016 | .003 | .002 | .000 | .000 | 23 | .042 |
| 22 | .000 | .000 | .000 | BF | .000 | .000 | .002 | BA | .010 | .017 | .022 | .028 | .025 | .025 | .027 | .027 | .024 | .022 | .018 | .014 | .013 | .012 | .012 | .013 | 22 | .028 |
| 23 | .014 | .013 | .011 | BF | .006 | .005 | .005 | .009 | .019 | .033 | .041 | .048 | .052 | .053 | .049 | .046 | .044 | .042 | .039 | .031 | .024 | .021 | .020 | 23 | .053 | |
| 24 | .019 | .012 | .009 | BF | .009 | .013 | .015 | .018 | .026 | .035 | .041 | .045 | .046 | .047 | .047 | .046 | .045 | .041 | .038 | .030 | .026 | .024 | .024 | .024 | 23 | .047 |
| 25 | .017 | .015 | .013 | BF | .007 | .007 | .007 | .018 | .028 | .039 | .043 | .045 | .046 | .047 | .046 | .047 | .046 | .042 | .035 | .028 | .025 | .025 | .025 | .023 | 23 | .047 |
| 26 | .021 | .022 | .020 | BF | .017 | .018 | .020 | .025 | .029 | .040 | .044 | .048 | .050 | .048 | .049 | .052 | .048 | .047 | .044 | .038 | .032 | .030 | .027 | .026 | 23 | .052 |
| 27 | .025 | .026 | .023 | BF | .018 | .017 | .018 | .024 | .036 | .041 | .045 | .047 | .048 | .049 | .051 | .050 | .050 | .048 | .043 | .037 | .033 | .030 | .029 | .029 | 23 | .051 |
| 28 | .030 | .029 | .027 | BF | .020 | .021 | .022 | .024 | .030 | .033 | .036 | .040 | .040 | .039 | .036 | .033 | .026 | .022 | .025 | .028 | .029 | .026 | .026 | .025 | 23 | .040 |
| 29 | .023 | .022 | .022 | BF | .021 | .022 | .022 | .020 | .019 | .020 | .023 | .025 | .028 | .030 | .038 | .042 | .040 | .036 | .032 | .032 | .030 | .029 | .026 | .023 | 23 | .042 |
| 30 | .020 | .020 | .020 | BF | .021 | .019 | .020 | .023 | .026 | .028 | .031 | .034 | .035 | .035 | .037 | .036 | .038 | .035 | .016 | .008 | .007 | .002 | .007 | .011 | 23 | .038 |
| 31 | .012 | .010 | .009 | BF | .010 | .009 | .009 | .012 | .022 | .031 | .037 | .042 | .044 | .043 | .040 | .031 | .042 | .037 | .032 | .025 | .019 | .016 | .016 | .014 | 23 | .044 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .030 | .029 | .027 | | .021 | .022 | .022 | .025 | .036 | .042 | .045 | .048 | .052 | .053 | .053 | .052 | .050 | .050 | .044 | .039 | .033 | .030 | .029 | .029 | | |
| AVG: | .0129 | .0114 | .0107 | | .0089 | .0086 | .0102 | .0158 | .0226 | .0295 | .0338 | .0370 | .0383 | .0394 | .0396 | .0395 | .0383 | .0357 | .0303 | .0237 | .0193 | .0171 | .0163 | .0149 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0241 MONTHLY MAX: .053

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone
 SITE ID: 37-065-0099 POC: 1
 COUNTY: (065) Edgecombe
 CITY: (37640) Leggett
 SITE ADDRESS: 7589 NC Hwy 33-NW
 SITE COMMENTS: SPECIAL PURPOSE MONITORING FOR OZONE & SULFUR DIOXIDE NORTH CAROLINA POWER ELECTRIC
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.988333
 LONGITUDE: -77.582778
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 18
 PROBE HEIGHT: 3.86

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .010 | .005 | .001 | BF | .000 | .000 | .000 | .003 | .009 | .015 | .021 | .023 | .027 | .025 | .026 | .030 | .027 | .024 | .024 | .024 | .025 | .026 | .027 | .025 | 23 | .030 | |
| 2 | .024 | .022 | .021 | BF | .017 | .015 | .014 | .014 | .017 | .016 | .015 | .015 | .018 | .022 | .026 | .026 | .028 | .026 | .023 | .018 | .016 | .014 | .013 | .013 | 23 | .028 | |
| 3 | .014 | .012 | .007 | BF | .006 | .008 | .012 | .014 | .017 | .021 | .025 | .027 | .027 | .027 | .028 | .029 | .029 | .028 | .022 | .008 | .002 | .000 | .000 | .000 | 23 | .029 | |
| 4 | .000 | .000 | .000 | BF | .000 | .000 | .001 | .006 | .017 | .028 | .038 | .042 | .043 | .043 | .046 | .046 | .047 | .043 | .026 | .017 | .010 | .028 | .029 | .029 | 23 | .047 | |
| 5 | .025 | .020 | .017 | BF | .017 | .016 | .016 | BA | .020 | .027 | .031 | .035 | .034 | .034 | .034 | .037 | .033 | .031 | .028 | .024 | .024 | .023 | .037 | .038 | 22 | .038 | |
| 6 | .033 | .033 | .031 | BF | .023 | .021 | .014 | .017 | .027 | .030 | .031 | .036 | .037 | .032 | .028 | .021 | .031 | .035 | .030 | .025 | .021 | .019 | .018 | .016 | 23 | .037 | |
| 7 | .015 | .014 | .012 | BF | .017 | .021 | .019 | .018 | .021 | .025 | .031 | .036 | .039 | .041 | .043 | .043 | .040 | .037 | .022 | .012 | .005 | .001 | .000 | .000 | 23 | .043 | |
| 8 | AE | AE | AE | AE | AE | AE | AE | .011 | .021 | .028 | .032 | AE | .019 | .007 | .008 | .005 | .003 | .003 | 10 | .032 | |
| 9 | AE | AE | AE | AE | AE | AE | AE | .017 | .021 | .024 | AE | .032 | .027 | .024 | .020 | .016 | AE | 8 | .032 | |
| 10 | AE | AE | AE | AE | AE | AE | AE | AE | AE | .020 | .023 | .026 | AE | AE | AE | AE | AE | AE | .026 | .024 | .022 | .022 | .023 | .022 | .019 | 10 | .026 |
| 11 | .017 | .016 | AE | BF | .017 | .017 | AE | .019 | .021 | .024 | .025 | .026 | .026 | .028 | .029 | .028 | .025 | .024 | .024 | .026 | .027 | .027 | .027 | .028 | 21 | .029 | |
| 12 | .027 | .027 | .026 | BF | .023 | .021 | .021 | .021 | .018 | .018 | .020 | .021 | .019 | .020 | .019 | .016 | .014 | .017 | .018 | .019 | .019 | .018 | .016 | .014 | 23 | .027 | |
| 13 | .012 | .007 | .007 | BF | .004 | .005 | .006 | .009 | .014 | .023 | .031 | .035 | .038 | .040 | .045 | .043 | .041 | .034 | .024 | .008 | .003 | .001 | .010 | .012 | 23 | .045 | |
| 14 | .015 | .014 | .013 | BF | .006 | .004 | .005 | .015 | .016 | .018 | .030 | .035 | .037 | .040 | .042 | .040 | .036 | .027 | .010 | .003 | .004 | .009 | .005 | .001 | 23 | .042 | |
| 15 | .001 | .003 | .001 | BF | .000 | .000 | .000 | .009 | .020 | .027 | .036 | .040 | .044 | .044 | .046 | .047 | .043 | .032 | .017 | .020 | .020 | .012 | .007 | .010 | 23 | .047 | |
| 16 | .009 | .008 | .006 | BF | .005 | .006 | .006 | .007 | .012 | .022 | .034 | .037 | .043 | .048 | .046 | .043 | .041 | .042 | .036 | .026 | .025 | .019 | .012 | .008 | 23 | .048 | |
| 17 | .009 | .005 | .011 | BF | .016 | .016 | .014 | .017 | .020 | .027 | .027 | .028 | .029 | .028 | .030 | .029 | .026 | .024 | .027 | .026 | .020 | .014 | .012 | .013 | 23 | .030 | |
| 18 | .015 | .013 | .012 | BF | .011 | .009 | .012 | .014 | .016 | .016 | .016 | .016 | .018 | .020 | .020 | .024 | .025 | .024 | .021 | .018 | .017 | .017 | .016 | .015 | 23 | .025 | |
| 19 | .016 | .012 | .014 | BF | .015 | .014 | .014 | .015 | .018 | .022 | .025 | .026 | .027 | .028 | .029 | .028 | .026 | .023 | .013 | .006 | .005 | .002 | .000 | .000 | 23 | .029 | |
| 20 | .000 | .000 | .000 | BF | .001 | .000 | .003 | .007 | .020 | .038 | .053 | .059 | .053 | .055 | .050 | .052 | .058 | .046 | .022 | .007 | .009 | .002 | .000 | .000 | 23 | .059 | |
| 21 | .000 | .000 | .000 | BF | .000 | .000 | .001 | .002 | .011 | .020 | .026 | .033 | .041 | .048 | .054 | .053 | .048 | .031 | .020 | .005 | .001 | .000 | .000 | .000 | 23 | .054 | |
| 22 | .000 | .001 | .000 | BF | .000 | .000 | .000 | .006 | .019 | .031 | .046 | .050 | .052 | .050 | .048 | .047 | .043 | .030 | .020 | .023 | .025 | .019 | .006 | .002 | 23 | .052 | |
| 23 | .001 | .000 | .000 | BF | .000 | .000 | .000 | .008 | .029 | .041 | .049 | .051 | .051 | .050 | .050 | .049 | .049 | .044 | .033 | .018 | .015 | .012 | .011 | .006 | 23 | .051 | |
| 24 | .001 | .002 | .001 | BF | .000 | .001 | .001 | .012 | .025 | .037 | .048 | .051 | .054 | .054 | .052 | .051 | .052 | .049 | .045 | .043 | .040 | .035 | .030 | .023 | 23 | .054 | |
| 25 | .014 | .014 | .012 | BF | .009 | .010 | .016 | .019 | .023 | .025 | .027 | .028 | .029 | .028 | .029 | .031 | .031 | .030 | .026 | .022 | .019 | .018 | .016 | .017 | 23 | .031 | |
| 26 | .016 | .016 | .015 | BF | .014 | .014 | .014 | .014 | .014 | .014 | .014 | .015 | .016 | .018 | .018 | .018 | .018 | .014 | .012 | .012 | .013 | .013 | .013 | .013 | 23 | .018 | |
| 27 | .014 | .013 | .013 | BF | .013 | .012 | .011 | .012 | .013 | .015 | .018 | .024 | .029 | .032 | .031 | .030 | .029 | .026 | .025 | .024 | .022 | .018 | .007 | .004 | 23 | .032 | |
| 28 | .006 | .013 | .013 | BF | .011 | .014 | .017 | .025 | .041 | .047 | .050 | .055 | .062 | .065 | .064 | .062 | .053 | .028 | .021 | .026 | .042 | .042 | .042 | .041 | 23 | .065 | |
| 29 | .039 | .037 | .030 | BF | .010 | .013 | .022 | .023 | .025 | .027 | .027 | .026 | .031 | .032 | .034 | .033 | .030 | .022 | .020 | .010 | .005 | .002 | .000 | .000 | 23 | .039 | |
| 30 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .013 | .025 | .034 | .038 | .041 | .043 | .042 | .042 | .041 | .040 | .037 | .035 | .032 | .029 | .026 | .022 | .017 | 23 | .043 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 27 | 27 | 26 | | 27 | 27 | 26 | 28 | 29 | 30 | 29 | 28 | 27 | 27 | 27 | 27 | 27 | 28 | 30 | 30 | 30 | 30 | 30 | 29 | | | |
| MAX: | .039 | .037 | .031 | | .023 | .021 | .022 | .025 | .041 | .047 | .053 | .059 | .062 | .065 | .064 | .062 | .058 | .049 | .045 | .043 | .042 | .042 | .042 | .041 | | | |
| AVG: | .0123 | .0114 | .0101 | | .0087 | .0088 | .0092 | .0131 | .0197 | .0253 | .0306 | .0335 | .0358 | .0368 | .0374 | .0369 | .0357 | .0305 | .0240 | .0186 | .0172 | .0155 | .0139 | .0127 | | | |

MONTHLY OBSERVATIONS: 646 MONTHLY MEAN: .0216 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-065-0099 POC: 1
 COUNTY: (065) Edgecombe
 CITY: (37640) Leggett
 SITE ADDRESS: 7589 NC Hwy 33-NW
 SITE COMMENTS: SPECIAL PURPOSE MONITORING FOR OZONE & SULFUR DIOXIDE NORTH CAROLINA POWER ELECTRIC
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.988333
 LONGITUDE: -77.582778
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 18
 PROBE HEIGHT: 3.86

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .016 | .020 | .020 | BF | .019 | .017 | .018 | .020 | .021 | .025 | .031 | .034 | .036 | .038 | .039 | .038 | .037 | .035 | .030 | .023 | .020 | .018 | .013 | .011 | 23 | .039 |
| 2 | .008 | .008 | .013 | BF | .008 | .003 | .004 | .012 | .021 | .032 | .038 | .039 | .040 | .041 | .042 | .041 | .041 | .040 | .034 | .026 | .029 | .027 | .016 | .012 | 23 | .042 |
| 3 | .009 | .007 | .007 | BF | .009 | .012 | .014 | .019 | .029 | .040 | .046 | .045 | .046 | .047 | .049 | .052 | .054 | .046 | .038 | .033 | .027 | .020 | .019 | .017 | 23 | .054 |
| 4 | .012 | .009 | .012 | BF | .014 | .014 | .013 | BA | .020 | .026 | .033 | .038 | .040 | .040 | .042 | .042 | .039 | .032 | .017 | .012 | .008 | .007 | .004 | .002 | 22 | .042 |
| 5 | .001 | .001 | .000 | BF | .000 | .000 | .000 | .002 | .019 | .033 | .041 | .043 | .044 | .045 | .046 | .046 | .043 | .035 | .018 | .010 | .014 | .006 | .004 | .002 | 23 | .046 |
| 6 | .005 | .003 | .001 | BF | .000 | .000 | .000 | .001 | .015 | .025 | .034 | .041 | .042 | .039 | .038 | .039 | .039 | .029 | .017 | .015 | .016 | .015 | .006 | .004 | 23 | .042 |
| 7 | .002 | .000 | .000 | BF | .001 | .001 | .000 | .001 | .005 | .011 | .020 | .025 | .025 | .026 | .025 | .024 | .020 | .013 | .014 | .017 | .017 | .018 | .017 | .017 | 23 | .026 |
| 8 | .018 | .018 | .017 | BF | .015 | .013 | .010 | .011 | .013 | .013 | .014 | .012 | .012 | .013 | .014 | .011 | .008 | .004 | .004 | .009 | .011 | .012 | .011 | .012 | 23 | .018 |
| 9 | .011 | .012 | .013 | BF | .013 | .014 | .014 | .014 | .015 | .015 | .015 | .017 | .018 | .020 | .023 | .021 | .019 | .015 | .014 | .014 | .012 | .011 | .011 | .010 | 23 | .023 |
| 10 | .010 | .009 | .009 | BF | .006 | .005 | .004 | .005 | .007 | .013 | .018 | .022 | .025 | .028 | .031 | .027 | .021 | .017 | .008 | .014 | .013 | .010 | .010 | .008 | 23 | .031 |
| 11 | .006 | .007 | .007 | BF | .007 | .006 | .006 | .008 | .008 | .008 | .011 | .014 | .016 | .019 | .025 | .026 | .025 | .020 | .015 | .011 | .012 | .010 | .013 | .011 | 23 | .026 |
| 12 | .009 | .006 | .003 | BF | .002 | .000 | .001 | .002 | .007 | .015 | .022 | .026 | .030 | .031 | .032 | .030 | .024 | .022 | .021 | .022 | .025 | .025 | .024 | .023 | 23 | .032 |
| 13 | .023 | .021 | .019 | BF | .023 | .024 | .023 | .023 | .025 | .027 | .029 | .031 | .031 | .030 | .028 | .026 | .025 | .024 | .022 | .019 | .018 | .018 | .017 | .015 | 23 | .031 |
| 14 | .014 | .016 | .015 | BF | .013 | .013 | .011 | .011 | .011 | .013 | .016 | .017 | .019 | .021 | .020 | .021 | .020 | .019 | .018 | .018 | .017 | .015 | .014 | .016 | 23 | .021 |
| 15 | .014 | .016 | .013 | BF | .008 | .005 | .004 | .005 | .020 | .027 | .030 | .033 | .036 | .039 | .038 | .037 | .032 | .026 | .026 | .026 | .026 | .025 | .023 | .019 | 23 | .039 |
| 16 | .019 | .017 | .015 | BF | .012 | .012 | .010 | .009 | .019 | .023 | .026 | .025 | .026 | .022 | .019 | .019 | .017 | .014 | .011 | .018 | .018 | .019 | .019 | .018 | 23 | .026 |
| 17 | .017 | .017 | .018 | BF | .018 | .018 | .018 | .019 | .019 | .022 | .026 | .031 | .033 | .035 | .036 | .037 | .036 | .031 | .021 | .014 | .013 | .011 | .009 | .007 | 23 | .037 |
| 18 | .007 | AE | AE | AE | AE | AE | AE | .013 | .022 | .029 | .034 | .036 | .038 | .040 | .041 | .040 | .039 | .032 | .021 | .013 | .007 | .004 | .002 | .002 | 18 | .041 |
| 19 | .002 | .000 | .000 | BF | .001 | .001 | .001 | .005 | .016 | .028 | .037 | .038 | .039 | .040 | .044 | .048 | .044 | .024 | .004 | .004 | .002 | .002 | .000 | .000 | 23 | .048 |
| 20 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .001 | .018 | .032 | .040 | .047 | .051 | .053 | .056 | .057 | .053 | .041 | .023 | .017 | .011 | .008 | .005 | .004 | 23 | .057 |
| 21 | .002 | .000 | .000 | BF | .000 | .000 | .000 | .000 | .009 | .037 | .048 | .055 | .057 | .059 | .059 | .058 | .047 | .028 | .019 | .015 | .015 | .029 | .010 | .009 | 23 | .059 |
| 22 | .008 | .005 | .002 | BF | .001 | .001 | .002 | .008 | .022 | .041 | .055 | .061 | .060 | .056 | .055 | .054 | .052 | .040 | .026 | .037 | .033 | .027 | .029 | .024 | 23 | .061 |
| 23 | .018 | .012 | .006 | BF | .003 | .002 | .003 | .012 | .025 | .036 | .044 | .044 | .046 | .044 | .042 | .039 | .035 | .032 | .029 | .028 | .027 | .027 | .026 | .025 | 23 | .046 |
| 24 | .031 | .033 | .030 | BF | .024 | .017 | .020 | .021 | .023 | .028 | .034 | .038 | .042 | .047 | .046 | .044 | .040 | .031 | .009 | .010 | .003 | .001 | .001 | .002 | 23 | .047 |
| 25 | .008 | .012 | .011 | BF | .019 | .017 | .017 | .019 | .024 | .028 | .032 | .036 | .036 | .038 | .041 | .042 | .041 | .034 | .026 | .017 | .015 | .014 | .024 | .023 | 23 | .042 |
| 26 | .018 | .016 | .014 | BF | .018 | .017 | .017 | .016 | .018 | .021 | .024 | .027 | .031 | .035 | .038 | .039 | .039 | .031 | .021 | .011 | .007 | .005 | .004 | .003 | 23 | .039 |
| 27 | AE | AE | AE | AE | AE | AE | AE | AE | .012 | .031 | .039 | .044 | .046 | .047 | .048 | .048 | .045 | .035 | .022 | .026 | .026 | .024 | .019 | .008 | 16 | .048 |
| 28 | .008 | .004 | .004 | BF | .008 | .005 | .003 | .010 | .028 | .035 | .041 | .038 | .038 | .037 | .041 | .037 | .035 | .034 | .032 | .030 | .028 | .029 | .028 | .023 | 23 | .041 |
| 29 | .028 | .027 | .024 | BF | .020 | .024 | .025 | .025 | .025 | .023 | .024 | .027 | .029 | .031 | .030 | .030 | .029 | .020 | .015 | .014 | .014 | .016 | .016 | .017 | 23 | .031 |
| 30 | .018 | .018 | .018 | BF | .018 | AE | AE | .018 | .020 | .024 | .027 | .029 | .032 | .033 | .034 | .035 | .033 | .025 | .015 | .008 | .008 | .016 | .014 | .015 | 21 | .035 |
| 31 | .008 | .006 | AE | BF | .005 | AE | AE | .003 | .013 | .018 | .025 | .034 | .043 | .046 | .047 | .047 | .040 | .021 | .014 | .008 | .008 | .007 | .004 | .002 | 20 | .047 |
| NO.: | 30 | 29 | 28 | | 29 | 27 | 27 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .031 | .033 | .030 | | .024 | .024 | .025 | .025 | .029 | .041 | .055 | .061 | .060 | .059 | .059 | .058 | .054 | .046 | .038 | .037 | .033 | .029 | .029 | .028 | | |
| AVG: | .0117 | .0110 | .0104 | | .0098 | .0089 | .0088 | .0108 | .0177 | .0251 | .0308 | .0338 | .0357 | .0368 | .0376 | .0374 | .0348 | .0276 | .0195 | .0175 | .0162 | .0153 | .0133 | .0118 | | |

MONTHLY OBSERVATIONS: 695 MONTHLY MEAN: .0213 MONTHLY MAX: .061

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-065-0099 POC: 1
 COUNTY: (065) Edgecombe STATE: (37) North Carolina
 CITY: (37640) Leggett AQCR: (166) EASTERN PIEDMONT
 SITE ADDRESS: 7589 NC Hwy 33-NW URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 SITE COMMENTS: SPECIAL PURPOSE MONITORING FOR OZONE & SULFUR DIOXIDE NORTH CAROLINA POWER ELECTRI LAND USE: AGRICULTURAL
 MONITOR COMMENTS: 14 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.988333
 LONGITUDE: -77.582778
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 18
 PROBE HEIGHT: 3.86

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .002 | .000 | .001 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .002 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .002 | 0.000 | .001 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0020 | 0.0000 | .0010 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0010 MONTHLY MAX: .002

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-075-0001 POC: 1
 COUNTY: (075) Graham
 CITY: (00000) Not in a city
 SITE ADDRESS: FOREST ROAD 423 SPUR
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.2579300009
 LONGITUDE: -83.79562
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1429
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .029 | .028 | .028 | .028 | .028 | .027 | .026 | .025 | .025 | .025 | .024 | .024 | BF | .025 | .026 | .026 | .026 | .031 | .034 | .039 | .039 | .040 | .040 | .043 | 23 | .043 |
| 2 | .042 | .042 | .042 | .039 | .038 | .037 | .036 | .036 | .036 | .036 | .036 | .037 | BF | .040 | .041 | .043 | .043 | .043 | .044 | .043 | .042 | .042 | .042 | .042 | 23 | .044 |
| 3 | .043 | .044 | .043 | .043 | .043 | .042 | .042 | .041 | .040 | .038 | .039 | .040 | BF | .042 | .043 | .043 | .043 | .044 | .044 | .043 | .042 | .042 | .042 | .041 | 23 | .044 |
| 4 | .042 | .051 | .053 | .053 | .053 | .052 | .051 | .050 | .050 | .049 | .049 | .045 | BF | .045 | .048 | .050 | .050 | .050 | .050 | .052 | .052 | .051 | .051 | .051 | 23 | .053 |
| 5 | .051 | .052 | .052 | .049 | .046 | .050 | .052 | .053 | .052 | .051 | .051 | .052 | BF | .054 | .055 | .056 | .055 | .055 | .057 | .057 | .057 | .056 | .055 | .054 | 23 | .057 |
| 6 | .053 | .053 | .053 | .048 | .049 | .046 | .045 | .042 | .042 | .041 | .042 | .043 | BF | .045 | .045 | .047 | .048 | .048 | .048 | .048 | .047 | .046 | .046 | .047 | 23 | .053 |
| 7 | .045 | .043 | .042 | .041 | .042 | .040 | .040 | .041 | .039 | .040 | .040 | .040 | BF | .041 | .041 | .041 | .042 | .043 | .043 | .041 | .041 | .040 | .039 | 23 | .045 | |
| 8 | .038 | .038 | .042 | .044 | .043 | .042 | .043 | .046 | .045 | .045 | .045 | .045 | BF | .047 | .048 | .049 | .050 | .050 | .050 | .050 | .051 | .050 | .050 | .050 | 23 | .051 |
| 9 | .051 | .051 | .052 | .052 | .053 | .052 | .051 | .051 | .050 | .049 | .049 | .048 | BF | .050 | .051 | .050 | .051 | .053 | .054 | .055 | .055 | .054 | .053 | .052 | 23 | .055 |
| 10 | .053 | .052 | .047 | .043 | .041 | .041 | .044 | .045 | .044 | .043 | .041 | .041 | BF | .043 | .044 | .044 | .044 | .045 | .046 | .046 | .045 | .045 | .045 | .045 | 23 | .053 |
| 11 | .044 | .044 | .043 | .042 | .041 | .041 | .042 | .043 | .042 | .045 | .044 | .044 | BF | .044 | .042 | .040 | .039 | .036 | .039 | .039 | .038 | .036 | .038 | 23 | .045 | |
| 12 | .042 | .043 | .037 | .035 | .041 | .041 | .042 | .040 | .042 | .043 | .040 | .036 | BF | .039 | .038 | .040 | .044 | .044 | .045 | .046 | .044 | .045 | .045 | .042 | 23 | .046 |
| 13 | .041 | .041 | .039 | .040 | .042 | .042 | .042 | .041 | .040 | .039 | .039 | .042 | BF | .042 | .041 | .040 | .037 | .037 | .038 | .039 | .039 | .036 | .039 | .034 | 23 | .042 |
| 14 | .036 | .036 | .036 | .036 | .035 | .034 | .035 | .033 | .031 | .025 | .029 | .031 | BF | .032 | .035 | .036 | .033 | .032 | .036 | .038 | .038 | .039 | .039 | .039 | 23 | .039 |
| 15 | .039 | .040 | .040 | .039 | .038 | .038 | .038 | .039 | .039 | .040 | .039 | .040 | BF | .042 | .042 | .043 | .043 | .043 | .043 | .042 | .042 | .042 | .042 | 23 | .043 | |
| 16 | .042 | .042 | .041 | .042 | .042 | .042 | .042 | .042 | .044 | .047 | .050 | .051 | BF | .049 | .049 | .050 | .050 | .051 | .051 | .051 | .050 | .050 | .050 | .048 | 23 | .051 |
| 17 | .047 | .046 | .048 | .047 | .045 | .044 | .045 | .045 | .045 | .046 | .045 | .046 | BF | .047 | .047 | .049 | .049 | .046 | .044 | .043 | .044 | .046 | .051 | .053 | 23 | .053 |
| 18 | .050 | .049 | .047 | .046 | .046 | .045 | .044 | .042 | .040 | .041 | .042 | .044 | BF | .043 | .044 | .049 | .049 | .051 | .051 | .052 | .050 | .045 | .042 | .040 | 23 | .052 |
| 19 | .036 | .033 | .031 | .032 | .032 | .031 | .029 | .028 | .028 | .030 | .032 | .033 | BF | .034 | .035 | .035 | .036 | .037 | .038 | .042 | .041 | .040 | .042 | .046 | 23 | .046 |
| 20 | .045 | .044 | .046 | .050 | .056 | .057 | .057 | .056 | .051 | .048 | .047 | .045 | BF | .042 | .041 | .041 | .046 | .045 | .044 | .044 | .046 | .048 | .049 | .048 | 23 | .057 |
| 21 | .050 | .051 | .050 | .047 | .046 | .046 | .044 | .042 | .039 | .036 | .039 | .042 | BF | .046 | .046 | .046 | .048 | .051 | .050 | .049 | .048 | .049 | .047 | .046 | 23 | .051 |
| 22 | .046 | .045 | .038 | .034 | .036 | .037 | .036 | .036 | .036 | .037 | .040 | BA | BF | .046 | .048 | .049 | .051 | .052 | .052 | .052 | .052 | .051 | .050 | .050 | 22 | .052 |
| 23 | .049 | .047 | .047 | .047 | .048 | .049 | .049 | .045 | .045 | .045 | .046 | .048 | BF | .049 | .050 | .050 | .050 | .050 | .051 | .048 | .048 | .047 | .047 | .048 | 23 | .051 |
| 24 | .048 | .048 | .049 | .048 | .047 | .047 | .048 | .047 | .047 | .045 | .043 | .043 | BF | .043 | .044 | .044 | .044 | .045 | .047 | .047 | .045 | .045 | .044 | .045 | 23 | .049 |
| 25 | .046 | .046 | .045 | .044 | .041 | .040 | .038 | .038 | .039 | .040 | .042 | .043 | BF | .043 | .044 | .044 | .044 | .043 | .043 | .042 | .041 | .042 | .041 | .042 | 23 | .046 |
| 26 | .042 | .040 | .038 | .037 | .036 | .042 | .040 | .041 | .041 | .042 | .041 | .039 | BF | .040 | .040 | .040 | .040 | .039 | .038 | .039 | .038 | .040 | .041 | .040 | 23 | .042 |
| 27 | .040 | .038 | .038 | .037 | .037 | .035 | .037 | .036 | .035 | .033 | .033 | .034 | BF | .039 | .039 | .039 | .042 | .043 | .042 | .042 | .045 | .047 | .052 | .054 | 23 | .054 |
| 28 | .051 | .047 | .050 | .048 | .048 | .048 | .046 | .046 | .045 | .045 | .044 | .044 | BF | .048 | .050 | .051 | .051 | .049 | .047 | .049 | .050 | .049 | .047 | .048 | 23 | .051 |
| 29 | .051 | .052 | .053 | .056 | .054 | .052 | .051 | .051 | .051 | .049 | .049 | .049 | BF | BA | .049 | .050 | .049 | .049 | .049 | .049 | .049 | .048 | .047 | .047 | 22 | .056 |
| 30 | .050 | .053 | .051 | .049 | .047 | .042 | .042 | .040 | .038 | .037 | .036 | .038 | BF | .044 | .045 | .050 | .049 | .049 | .047 | .045 | .043 | .041 | .042 | .044 | 23 | .053 |
| 31 | .042 | .043 | .045 | .044 | .044 | .043 | .040 | .040 | .039 | .040 | .038 | .038 | BF | .038 | .038 | .038 | .038 | .038 | .039 | .037 | .036 | .038 | .036 | .034 | 23 | .045 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .053 | .053 | .053 | .056 | .056 | .057 | .057 | .056 | .052 | .051 | .051 | .052 | | .054 | .055 | .056 | .055 | .055 | .057 | .057 | .057 | .056 | .055 | .054 | | |
| AVG: | .0446 | .0446 | .0441 | .0432 | .0432 | .0427 | .0425 | .0420 | .0413 | .0410 | .0411 | .0415 | | .0427 | .0435 | .0443 | .0446 | .0449 | .0452 | .0455 | .0451 | .0449 | .0449 | .0449 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0436 MONTHLY MAX: .057

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-075-0001 POC: 1
 COUNTY: (075) Graham
 CITY: (00000) Not in a city
 SITE ADDRESS: FOREST ROAD 423 SPUR
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.2579300009
 LONGITUDE: -83.79562
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1429
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .031 | .032 | .033 | .032 | AE | .031 | .037 | .039 | .039 | .043 | .038 | .044 | BF | .044 | .044 | .045 | .048 | .049 | .049 | .047 | .047 | .052 | .055 | .057 | 22 | .057 | | |
| 2 | .062 | .062 | .059 | .058 | .055 | .056 | .056 | .052 | .051 | .051 | .049 | .048 | BF | .048 | AE | AE | AE | AE | .047 | .048 | .048 | .047 | .048 | .048 | 19 | .062 | | |
| 3 | .048 | .047 | .048 | .049 | .047 | .049 | .046 | .042 | .041 | .037 | .034 | .036 | BF | .044 | .046 | .046 | .044 | .045 | .043 | .039 | .038 | .038 | .040 | .038 | 23 | .049 | | |
| 4 | .037 | .039 | .042 | .046 | .046 | .048 | .046 | .042 | .046 | .049 | .047 | .046 | BF | .048 | .049 | .050 | .052 | .052 | .053 | .054 | .054 | .053 | .051 | .052 | 23 | .054 | | |
| 5 | .051 | .049 | .049 | .050 | .049 | .048 | .046 | .045 | .046 | .044 | .049 | .048 | BF | .049 | .045 | .042 | .042 | .043 | .042 | .040 | .039 | .039 | .037 | .036 | 23 | .051 | | |
| 6 | .038 | .037 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | 2 | .038 | | |
| 7 | AE | .040 | .042 | BF | .045 | .046 | .046 | .047 | .048 | .048 | .048 | AE | AE | AE | AE | 9 | .048 | | |
| 8 | AE | .053 | .051 | BF | .052 | .051 | .053 | .054 | .055 | .055 | .058 | .058 | .058 | .061 | .059 | 13 | .061 | | |
| 9 | .059 | .062 | .059 | .061 | .061 | .061 | .059 | .056 | .055 | .056 | .054 | .054 | BF | .055 | .056 | .057 | .057 | .058 | .059 | .062 | .062 | .059 | .059 | .059 | 23 | .062 | | |
| 10 | .059 | .057 | .056 | .055 | .053 | .052 | .053 | .053 | .052 | .054 | .055 | .056 | BF | .057 | .058 | AE | AE | AE | .062 | .064 | .065 | .063 | .058 | .056 | 20 | .065 | | |
| 11 | .053 | .052 | .050 | .052 | .053 | .054 | .054 | .053 | .054 | .055 | .056 | .057 | BF | .056 | AE | AE | AE | AE | .056 | .055 | .059 | .061 | .058 | .055 | 19 | .061 | | |
| 12 | .049 | .045 | .047 | .049 | .050 | .052 | .052 | .051 | .050 | .052 | .051 | .050 | BF | .051 | .050 | .052 | .055 | .059 | .060 | .059 | .059 | .057 | .055 | .055 | 23 | .060 | | |
| 13 | .057 | .058 | .057 | .057 | .057 | .057 | .055 | .054 | .053 | .053 | .055 | .053 | BF | .054 | .053 | .053 | .053 | .055 | .060 | .065 | .067 | .067 | .067 | .066 | 23 | .067 | | |
| 14 | .064 | .061 | .058 | .058 | .055 | .053 | .053 | .052 | .051 | .052 | .056 | .061 | BF | .060 | .060 | .059 | .059 | .059 | .058 | .057 | .056 | .055 | .055 | .056 | 23 | .064 | | |
| 15 | .053 | .053 | .051 | .049 | .046 | .043 | .041 | .038 | .041 | .043 | .045 | .048 | BF | .055 | .055 | AE | .053 | .053 | .052 | .051 | .050 | .049 | .047 | .046 | 22 | .055 | | |
| 16 | .045 | .043 | .042 | .043 | .043 | .041 | .041 | .040 | .038 | .041 | .042 | .043 | BF | .045 | .046 | .045 | .046 | .047 | .047 | .045 | .046 | .046 | .045 | .044 | 23 | .047 | | |
| 17 | .043 | .043 | .042 | .041 | .043 | .043 | .045 | .044 | .043 | .041 | .037 | .036 | BF | .037 | .038 | .038 | .040 | .050 | .048 | .048 | .046 | .047 | .042 | .046 | 23 | .050 | | |
| 18 | .047 | .045 | .043 | .043 | .044 | .044 | .043 | .042 | .040 | .036 | .034 | .036 | BF | .035 | .035 | .036 | .037 | .036 | .035 | .033 | .037 | .037 | .043 | .045 | 23 | .047 | | |
| 19 | .040 | .036 | .036 | .038 | .037 | .037 | .037 | .035 | .033 | .036 | .038 | .037 | BF | .040 | .041 | .042 | .040 | .039 | .040 | .039 | .038 | .039 | .038 | .040 | 23 | .042 | | |
| 20 | .043 | .041 | .037 | .032 | .028 | .031 | .033 | .034 | .035 | .035 | .034 | .036 | BF | .041 | .042 | .041 | .042 | .043 | .042 | .043 | .043 | .048 | .048 | .046 | 23 | .048 | | |
| 21 | .044 | .043 | .045 | .043 | .043 | .043 | .043 | .043 | .042 | .041 | .039 | .038 | BF | .038 | .039 | .038 | .039 | .041 | .044 | .043 | .042 | .041 | .042 | .041 | 23 | .045 | | |
| 22 | .038 | .039 | .039 | .039 | .036 | .036 | .034 | .033 | .034 | .036 | .037 | .038 | BF | .043 | .044 | .045 | .045 | .045 | .046 | .052 | .052 | .050 | .047 | .044 | 23 | .052 | | |
| 23 | .042 | .043 | .043 | .041 | .039 | .037 | .038 | .038 | .038 | .039 | .039 | .037 | BF | .034 | .033 | .033 | .031 | .040 | .041 | .032 | .029 | .028 | .028 | .027 | 23 | .043 | | |
| 24 | AE | .025 | .024 | .025 | .026 | .026 | .026 | AI | .026 | .026 | .028 | .027 | BF | .036 | .038 | .032 | .033 | .030 | .029 | .029 | .029 | .030 | .030 | .036 | 21 | .038 | | |
| 25 | .037 | .037 | .035 | .034 | .033 | .035 | .029 | .033 | .031 | .031 | .030 | .032 | BF | .034 | .035 | .035 | .034 | .036 | .037 | .039 | .041 | .040 | .040 | .043 | 23 | .043 | | |
| 26 | .042 | .041 | .042 | .044 | .042 | .042 | .047 | .050 | .046 | .045 | .050 | .046 | BF | AE | AE | AE | AE | AE | AE | .064 | .063 | .056 | .050 | .054 | 17 | .064 | | |
| 27 | .052 | .053 | .056 | .054 | .051 | .049 | .043 | .038 | .036 | .033 | .030 | .030 | BF | .027 | .029 | .033 | .034 | .039 | .042 | .042 | .040 | .042 | .044 | .046 | 23 | .056 | | |
| 28 | .047 | .052 | .052 | .052 | .051 | .051 | .051 | .048 | .045 | .043 | .039 | .040 | BF | AE | AE | AE | AE | AE | AE | .037 | .036 | .033 | .031 | .030 | 17 | .052 | | |
| 29 | .030 | .030 | .033 | .031 | .028 | .027 | .030 | .033 | .033 | .035 | .038 | .039 | BF | AE | AE | AE | AE | AE | AE | .040 | .041 | .040 | .038 | .036 | 17 | .041 | | |
| 30 | .032 | .031 | .026 | .025 | .026 | .025 | .027 | .027 | .025 | .025 | .027 | .028 | BF | AE | AE | AE | AE | .033 | .033 | .034 | .034 | .034 | .032 | .031 | 19 | .034 | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 27 | 28 | 27 | 27 | 26 | 27 | 27 | 26 | 27 | 27 | 29 | 29 | | 25 | 23 | 21 | 22 | 23 | 26 | 29 | 28 | 28 | 28 | 28 | | | | |
| MAX: | .064 | .062 | .059 | .061 | .061 | .061 | .059 | .056 | .055 | .056 | .056 | .061 | | .060 | .060 | .059 | .059 | .059 | .062 | .065 | .067 | .067 | .067 | .066 | | | | |
| AVG: | .0460 | .0449 | .0446 | .0445 | .0439 | .0434 | .0431 | .0429 | .0416 | .0419 | .0422 | .0427 | | .0451 | .0449 | .0439 | .0448 | .0459 | .0472 | .0471 | .0471 | .0468 | .0460 | .0461 | | | | |

MONTHLY OBSERVATIONS: 608 MONTHLY MEAN: .0446 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-075-0001 POC: 1
 COUNTY: (075) Graham
 CITY: (00000) Not in a city
 SITE ADDRESS: FOREST ROAD 423 SPUR
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.2579300009
 LONGITUDE: -83.79562
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1429
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .030 | .028 | .027 | .028 | .026 | .026 | .027 | .025 | .024 | .024 | AV | AV | AV | AV | .042 | .053 | .055 | .054 | .055 | .055 | .055 | .057 | .054 | .051 | 20 | .057 |
| 2 | .054 | .053 | .052 | .050 | .049 | .050 | .049 | .047 | .047 | .046 | .049 | AI | AN | .048 | .049 | .050 | .050 | .051 | .051 | .051 | .049 | .049 | .049 | .049 | 22 | .054 |
| 3 | .050 | .050 | .049 | .049 | .049 | .049 | .049 | .048 | .046 | .047 | .047 | AN | AI | .049 | .049 | .049 | .048 | .046 | .050 | .061 | .059 | .055 | .054 | .055 | 22 | .061 |
| 4 | .053 | .051 | .053 | .052 | .054 | .054 | .053 | .051 | .050 | .049 | .049 | .048 | AN | .048 | .048 | .046 | .048 | .043 | .039 | .039 | .041 | .044 | .047 | .055 | 23 | .055 |
| 5 | .052 | .054 | .048 | .042 | .036 | .032 | .028 | .028 | .029 | AI | .031 | .032 | BF | .030 | .030 | .027 | .027 | .028 | .027 | .027 | .030 | .032 | .032 | .032 | 22 | .054 |
| 6 | .035 | .041 | .045 | .043 | .043 | .043 | .043 | .044 | .043 | .044 | .042 | .043 | BF | .043 | .042 | .047 | .045 | .044 | .043 | .042 | .044 | .043 | .043 | .042 | 23 | .047 |
| 7 | .042 | .043 | .043 | .040 | .038 | .037 | .039 | .038 | .040 | .040 | .040 | .040 | BF | .043 | .045 | .044 | .045 | .044 | .043 | .043 | .043 | .043 | .042 | .043 | 23 | .045 |
| 8 | .045 | .045 | .046 | .047 | .046 | .046 | .044 | .043 | .046 | .048 | .049 | .050 | BF | .053 | .055 | .055 | .055 | .055 | .055 | .056 | .057 | .056 | .055 | .056 | 23 | .057 |
| 9 | .057 | .056 | .054 | .052 | .051 | .051 | .051 | .051 | .053 | .053 | .055 | .057 | BF | .057 | .058 | .058 | .059 | .061 | .062 | .062 | .062 | .061 | .061 | .059 | 23 | .062 |
| 10 | .059 | .057 | .055 | .053 | .054 | .053 | .051 | .048 | .054 | .058 | .059 | .062 | BF | .059 | .057 | .059 | .060 | .063 | .064 | .062 | .060 | .059 | .058 | .058 | 23 | .064 |
| 11 | .055 | .052 | .053 | .052 | .052 | .054 | .050 | .048 | .048 | .051 | .048 | .042 | BF | .049 | .050 | .053 | .050 | .049 | .048 | .051 | .051 | .052 | .051 | .050 | 23 | .055 |
| 12 | .049 | .046 | .043 | .041 | .043 | .041 | .036 | .037 | .037 | .037 | .039 | .036 | BF | .042 | .041 | .042 | .042 | .042 | .044 | .044 | .043 | .047 | .047 | .045 | 23 | .049 |
| 13 | .046 | .051 | .050 | .043 | .041 | .045 | .041 | .035 | .036 | .035 | .037 | .033 | BF | .034 | .036 | .038 | .040 | .042 | .043 | .045 | .046 | .045 | .044 | .044 | 23 | .051 |
| 14 | .046 | .047 | .046 | .047 | .051 | .051 | .048 | .050 | .053 | .053 | .051 | .051 | BF | .050 | .051 | .051 | .049 | .050 | .055 | .057 | .055 | .056 | .057 | .057 | 23 | .057 |
| 15 | .056 | .057 | .057 | .058 | .058 | .058 | .057 | .057 | .053 | .054 | .052 | .052 | BF | .050 | .049 | .049 | .049 | .052 | .054 | .054 | .053 | .053 | .056 | .058 | 23 | .058 |
| 16 | .057 | .058 | .060 | .055 | .054 | .052 | .050 | .047 | .046 | .046 | .048 | .049 | BF | .051 | .052 | .053 | .051 | .053 | .058 | .061 | .078 | .081 | .071 | .063 | 23 | .081 |
| 17 | .058 | .058 | .059 | .059 | .058 | .055 | .048 | .046 | .044 | .044 | .046 | .048 | BF | .049 | .049 | .049 | .049 | .049 | .050 | .050 | .049 | .048 | .045 | .042 | 23 | .059 |
| 18 | .042 | .042 | .041 | .037 | .036 | .033 | .031 | .031 | .031 | .031 | .032 | .036 | BF | .038 | .038 | .041 | .043 | .043 | .039 | .042 | .045 | .038 | .036 | .034 | 23 | .045 |
| 19 | .031 | .029 | .029 | .029 | .030 | .032 | .033 | .034 | .030 | .030 | .030 | .028 | BF | .033 | .036 | .037 | .037 | .035 | .033 | .033 | .036 | .039 | .043 | .043 | 23 | .043 |
| 20 | .040 | .038 | .036 | .034 | .034 | .037 | .037 | .036 | .032 | .031 | .034 | .036 | BF | .039 | .039 | .040 | .039 | .038 | .037 | .037 | .035 | .036 | .032 | .028 | 23 | .040 |
| 21 | .029 | .026 | .026 | .034 | .042 | .042 | .026 | .022 | .025 | .030 | .032 | .039 | BF | .038 | .036 | .036 | .031 | .030 | .027 | .031 | .030 | .030 | .029 | .029 | 23 | .042 |
| 22 | .027 | .029 | .030 | .029 | .027 | .029 | .029 | .024 | .025 | .031 | .029 | .025 | BF | .023 | .025 | .025 | .025 | .024 | .027 | .040 | .046 | .040 | .043 | .032 | 23 | .046 |
| 23 | .033 | .041 | .042 | .035 | .032 | .029 | .030 | .032 | BA | BA | AI | .032 | BF | .032 | .032 | .035 | .034 | .033 | .032 | .032 | .034 | .036 | .043 | .045 | 20 | .045 |
| 24 | .044 | .042 | .045 | .044 | .040 | .035 | .034 | .034 | .029 | .028 | .031 | .037 | BF | .040 | .039 | .038 | .039 | .038 | .040 | .037 | .037 | .036 | .034 | .037 | 23 | .045 |
| 25 | .043 | .044 | .046 | .044 | .038 | .042 | .039 | .039 | .035 | .038 | .040 | .038 | BF | .035 | .038 | .037 | .038 | .037 | .039 | .040 | .040 | .040 | .043 | .042 | 23 | .046 |
| 26 | .040 | .040 | .041 | .041 | .041 | .042 | .039 | .041 | .038 | .037 | .037 | .038 | BF | .046 | .046 | AE | AE | AE | .046 | .044 | .045 | .046 | .050 | .052 | 20 | .052 |
| 27 | .052 | .052 | .051 | .050 | .050 | .050 | .048 | .044 | .041 | .038 | .038 | .038 | BF | .034 | .038 | .037 | .038 | .039 | .039 | .038 | .037 | .046 | .054 | 23 | .054 | |
| 28 | .060 | .057 | .058 | .056 | .055 | .050 | .045 | .040 | .039 | .039 | .036 | .032 | BF | .037 | .037 | .037 | .045 | .047 | .043 | .045 | .049 | .051 | .050 | .051 | 23 | .060 |
| 29 | .049 | .048 | .046 | .041 | .039 | .039 | .040 | .033 | .038 | .037 | .033 | .035 | BF | .033 | .037 | .035 | .035 | .035 | .048 | .045 | .043 | .042 | .039 | .034 | 23 | .049 |
| 30 | .040 | .045 | .048 | .048 | .045 | .042 | .041 | .041 | .042 | .035 | .035 | .035 | BF | .043 | .040 | .037 | .037 | .040 | .040 | .045 | .047 | .044 | .049 | .048 | 23 | .049 |
| 31 | .045 | .043 | .045 | .046 | .048 | .045 | .046 | .040 | .036 | .036 | .033 | .036 | BF | .045 | .044 | .045 | .044 | .040 | .043 | .050 | .050 | .052 | .051 | .049 | 23 | .052 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 29 | 29 | 29 | | 29 | 31 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .060 | .058 | .060 | .059 | .058 | .058 | .057 | .057 | .054 | .058 | .059 | .062 | | .059 | .058 | .059 | .060 | .063 | .064 | .062 | .078 | .081 | .071 | .063 | | |
| AVG: | .0458 | .0459 | .0459 | .0445 | .0439 | .0434 | .0414 | .0398 | .0397 | .0403 | .0408 | .0405 | | .0421 | .0428 | .0434 | .0436 | .0435 | .0443 | .0458 | .0468 | .0467 | .0469 | .0464 | | |

MONTHLY OBSERVATIONS: 701 MONTHLY MEAN: .0437 MONTHLY MAX: .081

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-075-0001 POC: 1
 COUNTY: (075) Graham
 CITY: (00000) Not in a city
 SITE ADDRESS: FOREST ROAD 423 SPUR
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.2579300009
 LONGITUDE: -83.79562
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1429
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .050 | .050 | .050 | .050 | .051 | .052 | .056 | .053 | .052 | .047 | .046 | .046 | BF | .051 | .052 | .042 | .039 | .040 | .043 | .046 | .048 | .052 | .048 | .047 | 23 | .056 | |
| 2 | .051 | .050 | .051 | .052 | .050 | .052 | .044 | .042 | .044 | .047 | .050 | .048 | BF | .051 | .048 | .050 | .054 | .055 | .059 | .063 | .065 | .060 | .057 | .050 | 23 | .065 | |
| 3 | .051 | .052 | .051 | .051 | .049 | .049 | .050 | .050 | .050 | .040 | .040 | .046 | BF | .044 | .045 | .045 | .047 | .053 | .057 | .058 | .058 | .056 | .050 | .047 | 23 | .058 | |
| 4 | .044 | .048 | .052 | .048 | .047 | .044 | .042 | .033 | .036 | .036 | .033 | .033 | BF | .027 | .025 | .028 | .028 | .024 | .023 | .023 | .025 | .025 | .026 | .025 | 23 | .052 | |
| 5 | .026 | .026 | .025 | .023 | .025 | .025 | .022 | .020 | .019 | .021 | .018 | .020 | BF | .020 | .020 | .022 | .028 | .031 | .028 | .026 | .031 | .034 | .037 | .041 | 23 | .041 | |
| 6 | .042 | .040 | .039 | .039 | .035 | .034 | .033 | .031 | .028 | .025 | .032 | .037 | BF | .049 | .057 | .058 | .057 | .053 | .052 | .055 | .051 | .051 | .046 | .042 | 23 | .058 | |
| 7 | .041 | .043 | .047 | .049 | .047 | .045 | .042 | .033 | .038 | .038 | .039 | .036 | BF | .044 | .044 | .044 | .046 | .049 | .050 | .050 | .047 | .043 | .044 | .045 | 23 | .050 | |
| 8 | .043 | .039 | .039 | .043 | .043 | .042 | .037 | .036 | .034 | .031 | .036 | .038 | BF | .039 | .042 | .043 | .042 | .043 | .044 | .046 | .045 | .042 | .041 | .040 | 23 | .046 | |
| 9 | .040 | .041 | .044 | .044 | .043 | .043 | .041 | .039 | .038 | .038 | .039 | .042 | BF | .041 | .045 | .044 | .048 | .048 | .049 | .051 | .051 | .052 | .051 | .052 | 23 | .052 | |
| 10 | .050 | .050 | .053 | .054 | .053 | .053 | .051 | .049 | .046 | .043 | .043 | .048 | BF | .047 | .046 | .045 | .044 | .045 | .044 | .044 | .049 | .051 | .047 | .047 | 23 | .054 | |
| 11 | .049 | .051 | .050 | .050 | .050 | .049 | .042 | .035 | .037 | .038 | .041 | .041 | BF | .039 | .037 | .037 | .039 | .036 | .035 | .037 | .033 | .031 | .030 | .032 | 23 | .051 | |
| 12 | .033 | .031 | .032 | .029 | .028 | .030 | .026 | .032 | .031 | .029 | .030 | .032 | BF | .027 | .028 | .030 | .037 | .037 | .029 | .024 | .026 | .031 | .033 | .035 | 23 | .037 | |
| 13 | .035 | .035 | .036 | .033 | .033 | .033 | .027 | .024 | .024 | .028 | .030 | .031 | BF | .026 | .025 | .029 | .033 | .039 | .037 | .035 | .032 | .034 | .030 | .034 | 23 | .039 | |
| 14 | .038 | .038 | .036 | .036 | .042 | .040 | .036 | .030 | .028 | AI | .031 | .031 | BF | .034 | .030 | .031 | .034 | .046 | .047 | .047 | .048 | .049 | .048 | .048 | 22 | .049 | |
| 15 | .048 | .045 | .045 | .045 | .043 | .042 | .039 | .034 | .029 | .029 | .029 | .033 | BF | .031 | .029 | .044 | .043 | .043 | .045 | .046 | .046 | .044 | .045 | .050 | 23 | .050 | |
| 16 | .056 | .060 | .063 | .063 | .060 | .055 | .047 | .050 | .032 | .035 | .036 | .026 | BF | .029 | .033 | .032 | .027 | .029 | .027 | .023 | .027 | .030 | .038 | .044 | 23 | .063 | |
| 17 | .050 | .057 | .055 | .045 | .034 | .028 | .028 | .029 | .045 | .036 | .035 | .036 | BF | .041 | .036 | .036 | .035 | .036 | .035 | .039 | .040 | .037 | .047 | .043 | 23 | .057 | |
| 18 | .038 | .038 | .033 | .026 | .025 | .020 | .020 | .023 | .024 | .022 | .022 | .024 | BF | .026 | .027 | .026 | .026 | .027 | .025 | .026 | .024 | .024 | .027 | .025 | 23 | .038 | |
| 19 | .022 | .022 | .022 | .021 | .020 | .019 | .019 | .021 | .025 | .025 | .027 | .027 | BF | .023 | .025 | .025 | .022 | .023 | .026 | .036 | .046 | .045 | .043 | .042 | 23 | .046 | |
| 20 | .042 | .044 | .042 | .041 | .038 | .038 | .040 | .033 | .035 | .037 | .032 | .030 | BF | .028 | .027 | .028 | .027 | .030 | .030 | .031 | .032 | .026 | .024 | .027 | 23 | .044 | |
| 21 | .034 | .034 | .036 | .031 | .034 | .031 | .028 | .027 | .025 | .026 | .029 | .026 | BF | .024 | .021 | .020 | .018 | .023 | .026 | .027 | .025 | .025 | .023 | .018 | 23 | .036 | |
| 22 | .017 | .016 | .017 | .017 | .016 | .018 | .018 | .016 | .013 | .014 | .014 | .013 | BF | .013 | .012 | .012 | .013 | .013 | .013 | .013 | .014 | .015 | .014 | .013 | 23 | .018 | |
| 23 | .013 | .013 | .012 | .012 | .012 | .013 | .013 | .013 | .013 | .013 | .013 | .012 | BF | .014 | .017 | .020 | .019 | .018 | .016 | .017 | .021 | .026 | .027 | .027 | 23 | .027 | |
| 24 | .025 | .025 | .023 | .024 | .025 | .023 | .023 | .021 | .021 | .024 | .023 | .022 | BF | .025 | .026 | .029 | .025 | .031 | .040 | .044 | .048 | .047 | .046 | .046 | 23 | .048 | |
| 25 | .042 | .039 | .040 | .039 | .037 | .033 | .028 | .028 | .025 | .024 | .025 | .033 | BF | .027 | .031 | .032 | .036 | .040 | .041 | .039 | .040 | .040 | .040 | .041 | 23 | .042 | |
| 26 | .041 | .043 | .042 | .044 | AE | AE | AE | AE | .041 | .041 | .042 | .045 | BF | .040 | .040 | .041 | .042 | .043 | .044 | .046 | .047 | .049 | .049 | .048 | 19 | .049 | |
| 27 | .047 | .047 | .048 | .047 | .048 | .047 | .039 | .037 | .035 | .034 | .038 | .036 | BF | .031 | .037 | .039 | .039 | .041 | .044 | .047 | .049 | .049 | .049 | .047 | 23 | .049 | |
| 28 | .049 | .051 | .051 | .051 | .050 | .048 | .044 | .040 | .039 | .039 | .043 | .044 | BF | .043 | .044 | .045 | .042 | .042 | .045 | .047 | .046 | .044 | .051 | .051 | 23 | .051 | |
| 29 | .052 | .053 | .045 | .039 | .035 | .031 | .029 | .032 | .034 | .034 | .035 | .033 | BF | .035 | .034 | .033 | .032 | .027 | .026 | .030 | .029 | .030 | .031 | .027 | 23 | .053 | |
| 30 | .025 | .024 | .023 | .020 | .016 | .015 | .013 | .011 | .012 | .013 | .013 | .016 | BF | .017 | .019 | .022 | .023 | .021 | .022 | .021 | .021 | .021 | .019 | .019 | 23 | .025 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| NO.: | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 30 | 29 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .056 | .060 | .063 | .063 | .060 | .055 | .056 | .053 | .052 | .047 | .050 | .048 | | .051 | .057 | .058 | .057 | .055 | .059 | .063 | .065 | .060 | .057 | .052 | | | |
| AVG: | .0398 | .0402 | .0401 | .0389 | .0376 | .0363 | .0337 | .0318 | .0318 | .0313 | .0321 | .0328 | | .0329 | .0334 | .0344 | .0348 | .0362 | .0367 | .0379 | .0387 | .0388 | .0387 | .0384 | | | |

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: .0360 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-075-0001 POC: 1
 COUNTY: (075) Graham
 CITY: (00000) Not in a city
 SITE ADDRESS: FOREST ROAD 423 SPUR
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.2579300009
 LONGITUDE: -83.79562
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1429
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .021 | .021 | .020 | .020 | .018 | .024 | .023 | .025 | .028 | .026 | .028 | .025 | BF | .021 | .020 | .024 | .034 | .043 | .045 | .041 | .042 | .043 | .035 | .039 | 23 | .045 |
| 2 | .046 | .049 | .049 | .049 | .048 | .047 | .044 | .043 | .042 | .037 | .036 | .035 | BF | .030 | .032 | .034 | .037 | .041 | .041 | .044 | .044 | .041 | .040 | .039 | 23 | .049 |
| 3 | .038 | .028 | .030 | .031 | .031 | .029 | .028 | .030 | .027 | .027 | .025 | .022 | BF | .025 | .024 | .019 | .025 | .022 | .025 | .041 | .043 | .040 | .039 | .040 | 23 | .043 |
| 4 | .044 | .044 | .040 | .037 | .041 | .039 | .034 | .030 | .028 | .025 | .025 | .025 | BF | .025 | .024 | .024 | .020 | .023 | .022 | .023 | .026 | .026 | .026 | .029 | 23 | .044 |
| 5 | .028 | .028 | .025 | .023 | .025 | .022 | .019 | .019 | .015 | .014 | .013 | .014 | BF | .012 | .013 | .021 | .022 | .023 | .024 | .026 | .027 | .031 | .030 | .029 | 23 | .031 |
| 6 | .030 | .030 | .029 | .027 | .026 | .023 | .022 | .023 | .023 | .024 | .022 | .022 | BF | .016 | AI | .018 | .021 | .022 | .022 | .024 | .028 | .027 | .027 | .026 | 22 | .030 |
| 7 | .024 | .026 | .029 | .034 | .044 | .043 | .038 | .037 | .034 | .028 | .031 | .030 | BF | .027 | .025 | .023 | .025 | .024 | .022 | .024 | .027 | .030 | .027 | .035 | 23 | .044 |
| 8 | .042 | .040 | .038 | .040 | .039 | .038 | .035 | .038 | .032 | .035 | .027 | .025 | BF | .027 | .034 | .048 | .056 | .051 | .044 | .044 | .045 | .043 | .041 | .042 | 23 | .056 |
| 9 | .041 | .037 | .038 | .041 | .041 | .043 | .038 | .032 | .032 | .039 | .036 | .036 | BF | .039 | .041 | .039 | .038 | .037 | .039 | .043 | .050 | .051 | .046 | .048 | 23 | .051 |
| 10 | .044 | .044 | .043 | .043 | .042 | .042 | .042 | .042 | .035 | .035 | .029 | .034 | BF | .038 | .040 | .040 | .040 | .043 | .039 | .044 | .048 | .050 | .041 | .037 | 23 | .050 |
| 11 | .035 | .033 | .032 | .048 | .049 | .049 | .049 | .049 | .044 | .041 | .039 | .039 | BF | .043 | .044 | .047 | .045 | .048 | .049 | .044 | .043 | .039 | .041 | .040 | 23 | .049 |
| 12 | .043 | .035 | .038 | .040 | .045 | .043 | .041 | .032 | .032 | .032 | .031 | .032 | BF | .035 | .038 | .037 | .036 | .035 | .032 | .035 | .035 | .038 | .038 | .033 | 23 | .045 |
| 13 | .031 | .032 | .034 | .031 | .028 | .024 | .022 | .020 | .023 | .022 | .024 | .024 | BF | .025 | .027 | .026 | .026 | .027 | .024 | .024 | .021 | .024 | .028 | .035 | 23 | .035 |
| 14 | .035 | .038 | .035 | .033 | .033 | .034 | .032 | .030 | .029 | .026 | .026 | .027 | BF | .030 | .029 | .029 | .028 | .031 | .028 | .027 | .033 | .034 | .034 | .035 | 23 | .038 |
| 15 | .037 | .036 | .035 | .035 | .035 | .036 | .030 | .034 | .032 | .034 | .023 | .023 | BF | .030 | .030 | .040 | .032 | .035 | .036 | .044 | .043 | .041 | .043 | .045 | 23 | .045 |
| 16 | .047 | .047 | .043 | .042 | .038 | .042 | .046 | .038 | .040 | .042 | .026 | .025 | BF | .036 | .037 | .038 | .041 | .041 | .049 | .056 | .051 | .050 | .043 | .047 | 23 | .056 |
| 17 | .047 | .049 | .044 | .044 | .043 | .045 | .041 | .036 | .033 | .038 | .040 | .042 | BF | .043 | .040 | .041 | .043 | .044 | .042 | .049 | .049 | .047 | .049 | .042 | 23 | .049 |
| 18 | .041 | .035 | .040 | .041 | .044 | .040 | .037 | .032 | .031 | .029 | .031 | .035 | BF | .041 | .041 | .040 | .037 | .038 | .041 | .045 | .043 | .045 | .044 | .047 | 23 | .047 |
| 19 | .048 | .049 | .043 | .042 | .041 | .050 | .047 | .043 | .039 | .034 | .035 | .039 | BF | .041 | .043 | .047 | .052 | .056 | .060 | .057 | .057 | .055 | .056 | .056 | 23 | .060 |
| 20 | .056 | .055 | .052 | .060 | .065 | .063 | .063 | .063 | .057 | .048 | .041 | .040 | BF | .039 | .038 | .045 | .053 | .061 | .067 | .066 | .063 | .061 | .060 | .058 | 23 | .067 |
| 21 | .057 | .056 | .056 | .058 | .056 | .056 | .052 | .049 | .043 | .041 | .040 | .038 | BF | .037 | .040 | .035 | .034 | .031 | .037 | .041 | .043 | .043 | .043 | .042 | 23 | .058 |
| 22 | .040 | .040 | .038 | .044 | .063 | .055 | .052 | .051 | .042 | .036 | .037 | .038 | BF | .034 | .037 | .039 | .040 | .034 | .034 | .034 | .035 | .036 | .037 | .037 | 23 | .063 |
| 23 | .037 | .041 | .038 | .043 | .043 | .041 | .038 | .034 | .034 | .033 | .028 | .029 | BF | .026 | .034 | .040 | .039 | .028 | .028 | .028 | .029 | .033 | .033 | .029 | 23 | .043 |
| 24 | .029 | .035 | .045 | .043 | .041 | .055 | .046 | .045 | .045 | .044 | .043 | .040 | BF | .048 | .047 | .043 | .042 | .046 | .047 | .054 | .060 | .061 | .059 | .058 | 23 | .061 |
| 25 | .054 | .051 | .048 | .047 | .050 | .045 | .043 | .041 | .040 | .035 | .035 | .038 | BF | .042 | .042 | .043 | .047 | .055 | .064 | .062 | .061 | .061 | .061 | .061 | 23 | .064 |
| 26 | .059 | .057 | .055 | .056 | .056 | .058 | .054 | .049 | .044 | .041 | .041 | .042 | BF | .047 | .048 | .045 | .046 | .046 | .039 | .039 | .041 | .040 | .040 | .039 | 23 | .059 |
| 27 | .037 | .042 | .042 | .040 | .037 | .045 | .043 | .045 | .044 | .037 | .038 | .035 | BF | .034 | .032 | .026 | .038 | .035 | .036 | .038 | .038 | .037 | .035 | .032 | 23 | .045 |
| 28 | .032 | .032 | .029 | .029 | .027 | .024 | .021 | .020 | .021 | .019 | .022 | .024 | BF | .028 | .027 | .026 | .028 | .031 | .031 | .029 | .032 | .034 | .034 | .032 | 23 | .034 |
| 29 | .031 | .032 | .035 | .034 | .037 | .036 | .039 | .037 | .033 | .034 | .034 | .037 | BF | .038 | .039 | .040 | .038 | .037 | .037 | .036 | .036 | .035 | .036 | .036 | 23 | .040 |
| 30 | .037 | .039 | .042 | .042 | .041 | .041 | .038 | .033 | .032 | .033 | .033 | .034 | AN | .034 | .033 | .037 | .039 | .040 | .041 | .043 | .046 | .047 | .042 | .040 | 23 | .047 |
| 31 | .034 | .034 | .036 | .040 | .040 | .039 | AI | .034 | .032 | .030 | .031 | .030 | BF | .030 | .034 | .038 | .042 | .047 | .044 | .045 | .049 | .049 | .038 | .040 | 22 | .049 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .059 | .057 | .056 | .060 | .065 | .063 | .063 | .063 | .057 | .048 | .043 | .042 | | .048 | .048 | .048 | .056 | .061 | .067 | .066 | .063 | .061 | .061 | .061 | | |
| AVG: | .0395 | .0392 | .0387 | .0399 | .0409 | .0410 | .0386 | .0366 | .0344 | .0329 | .0313 | .0316 | | .0329 | .0344 | .0352 | .0369 | .0379 | .0384 | .0403 | .0415 | .0417 | .0402 | .0403 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0376 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-075-0001 POC: 1
 COUNTY: (075) Graham
 CITY: (00000) Not in a city
 SITE ADDRESS: FOREST ROAD 423 SPUR
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.2579300009
 LONGITUDE: -83.79562
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1429
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .036 | .038 | .044 | .045 | .045 | .046 | .043 | .034 | .032 | BA | AI | .035 | BF | .034 | .033 | .032 | .029 | .031 | .036 | .037 | .041 | .040 | .042 | .044 | 21 | .046 |
| 2 | .052 | .057 | .053 | .048 | .046 | .052 | .055 | .053 | .049 | .045 | .039 | .035 | BF | .041 | .040 | .040 | .042 | .041 | .040 | .048 | .046 | .045 | .042 | .044 | 23 | .057 |
| 3 | .040 | .047 | .051 | .051 | .050 | .051 | .051 | .049 | .043 | .037 | .037 | .034 | BF | .038 | .037 | .038 | .037 | .034 | .034 | .038 | .041 | .042 | .042 | .042 | 23 | .051 |
| 4 | .040 | .037 | .031 | .030 | .034 | .036 | .035 | .034 | .029 | .032 | .031 | .031 | BF | .036 | .036 | .037 | .035 | .038 | .042 | .045 | .045 | .039 | .035 | .037 | 23 | .045 |
| 5 | .038 | .039 | .042 | .038 | .037 | .032 | .039 | .035 | .032 | .036 | .033 | .033 | BF | .037 | .034 | .032 | .033 | .031 | .034 | .044 | .050 | .044 | .043 | .048 | 23 | .050 |
| 6 | .051 | .050 | .049 | .048 | .049 | .047 | .046 | .041 | .037 | .038 | .039 | .039 | BF | .033 | .032 | .035 | .030 | .030 | .036 | .030 | .025 | .029 | .026 | .027 | 23 | .051 |
| 7 | .019 | .016 | .015 | .014 | .014 | .017 | .015 | .016 | .017 | .016 | .016 | .018 | BF | .026 | .024 | .023 | .025 | .026 | .029 | .037 | .035 | .037 | .037 | .037 | 23 | .037 |
| 8 | .037 | .033 | .033 | .030 | .034 | .034 | .038 | .035 | .033 | .030 | .029 | .030 | BF | .028 | .030 | .032 | .033 | .037 | .038 | .042 | .045 | .041 | .035 | .032 | 23 | .045 |
| 9 | .032 | .038 | .037 | .038 | .037 | .037 | .037 | .036 | .034 | .031 | .032 | .030 | BF | .031 | .031 | .031 | .030 | .028 | .027 | .027 | .020 | .032 | .037 | .038 | 23 | .038 |
| 10 | .037 | .035 | .029 | .026 | .028 | .028 | .029 | .023 | .021 | .020 | .020 | .018 | BF | .020 | .020 | .022 | .019 | .020 | .020 | .017 | .022 | .020 | .019 | .019 | 23 | .037 |
| 11 | .018 | .018 | .019 | .020 | .020 | .019 | .015 | .015 | .016 | .018 | .019 | .021 | BF | .023 | .023 | .021 | .020 | .019 | .018 | .017 | .022 | .024 | .029 | 23 | .029 | |
| 12 | .032 | .032 | .029 | .027 | .025 | .024 | .023 | .024 | .023 | .020 | .021 | .023 | BF | .026 | .028 | .029 | .032 | .032 | .038 | .041 | .042 | .042 | .040 | .039 | 23 | .042 |
| 13 | .040 | .041 | .040 | .040 | .040 | .040 | .044 | .042 | .038 | .032 | .028 | .028 | BF | .032 | .034 | .035 | .027 | .024 | .027 | .033 | .026 | .017 | .018 | .027 | 23 | .044 |
| 14 | .034 | .027 | .019 | .021 | .024 | .025 | .028 | .030 | .032 | .035 | .038 | .035 | BF | .035 | .033 | .035 | .034 | .031 | .031 | .037 | .038 | .035 | .026 | .022 | 23 | .038 |
| 15 | .022 | .026 | .028 | .028 | .029 | .030 | .028 | .028 | .029 | .026 | .031 | .030 | BF | .032 | .031 | .030 | .030 | .030 | .033 | .037 | .033 | .032 | .034 | .034 | 23 | .037 |
| 16 | .035 | .037 | .034 | .037 | .040 | .038 | .039 | .039 | .040 | .036 | .029 | .024 | BF | .022 | .024 | .024 | .021 | .023 | .024 | .029 | .027 | .025 | .023 | .025 | 23 | .040 |
| 17 | .024 | .026 | .028 | .026 | .026 | .026 | .024 | .024 | .021 | .018 | .017 | .018 | BF | .018 | .017 | .018 | .019 | .020 | .021 | .021 | .021 | .018 | .018 | .019 | 23 | .028 |
| 18 | .017 | .020 | .020 | .019 | .019 | .019 | .017 | .018 | .018 | .021 | .024 | .027 | BF | .034 | .039 | .041 | .038 | .039 | .043 | .046 | .047 | .049 | .050 | .049 | 23 | .050 |
| 19 | .044 | .043 | .045 | .047 | .045 | .044 | .043 | .041 | .040 | .043 | .042 | .045 | BF | .043 | .050 | .047 | .042 | .034 | .031 | .046 | .053 | .049 | .048 | .047 | 23 | .053 |
| 20 | .053 | .057 | .059 | .056 | .055 | .057 | .056 | .048 | .045 | .042 | .038 | .039 | BF | .041 | .042 | .042 | .039 | .038 | .041 | .040 | .045 | .044 | .042 | .050 | 23 | .059 |
| 21 | .053 | .051 | .052 | .054 | .055 | .056 | .057 | .054 | .051 | .050 | .040 | .039 | BF | .050 | .046 | .043 | .043 | .040 | .040 | .034 | .037 | .038 | .040 | .036 | 23 | .057 |
| 22 | .038 | .036 | .034 | .034 | .034 | .032 | .030 | .030 | .033 | .032 | .032 | .035 | BF | .036 | .035 | .037 | .037 | .041 | .042 | .046 | .046 | .046 | .043 | .041 | 23 | .046 |
| 23 | .040 | .040 | .037 | .037 | .034 | .030 | .030 | .030 | .027 | .026 | .030 | .032 | BF | .041 | .043 | .041 | .043 | .046 | .048 | .048 | .044 | .040 | .039 | .038 | 23 | .048 |
| 24 | .040 | .041 | .043 | .043 | .042 | .045 | .043 | .039 | .034 | .032 | .032 | .035 | BF | .036 | .042 | .045 | .047 | .051 | .050 | .050 | .052 | .052 | .052 | .051 | 23 | .052 |
| 25 | .050 | .050 | .050 | .051 | .052 | .052 | .052 | .049 | .046 | .036 | .033 | .033 | BF | .039 | .038 | .038 | .038 | .038 | .041 | .048 | .041 | .033 | .037 | .044 | 23 | .052 |
| 26 | .045 | .042 | .046 | .037 | .034 | .037 | .044 | .037 | .035 | .037 | .037 | .036 | BF | .037 | .042 | .043 | .046 | .050 | .054 | .057 | .048 | .047 | .051 | .051 | 23 | .057 |
| 27 | .050 | .048 | .045 | .041 | .044 | .043 | .041 | .037 | .033 | .029 | .034 | .034 | BF | .033 | .035 | .032 | .033 | .033 | .038 | .033 | .035 | .043 | .049 | .051 | 23 | .051 |
| 28 | .050 | .047 | .047 | .046 | .044 | .043 | .041 | .038 | .034 | .033 | .034 | AI | BF | .029 | .029 | .028 | .029 | .033 | .036 | .033 | .032 | .033 | .042 | .044 | 22 | .050 |
| 29 | .044 | .043 | .043 | .041 | .040 | .041 | .041 | .035 | .029 | .033 | .036 | .039 | BF | .038 | .038 | .040 | .048 | .050 | .049 | .051 | .051 | .046 | .040 | .039 | 23 | .051 |
| 30 | .036 | .031 | .031 | .030 | .032 | .033 | .033 | .030 | .030 | .026 | .024 | .028 | BF | .029 | .028 | .026 | .025 | .024 | .024 | .027 | .031 | .027 | .027 | .026 | 23 | .036 |
| 31 | .026 | .028 | .029 | .026 | .023 | .019 | .018 | .016 | .018 | .019 | .019 | .020 | BF | .028 | .026 | .027 | .027 | .022 | .020 | .027 | .025 | .025 | .025 | .025 | 23 | .029 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .053 | .057 | .059 | .056 | .055 | .057 | .057 | .054 | .051 | .050 | .042 | .045 | | .050 | .050 | .047 | .048 | .051 | .054 | .057 | .053 | .052 | .052 | .051 | | |
| AVG: | .0378 | .0379 | .0375 | .0364 | .0365 | .0365 | .0366 | .0342 | .0322 | .0310 | .0305 | .0308 | | .0331 | .0335 | .0337 | .0333 | .0334 | .0350 | .0376 | .0375 | .0365 | .0363 | .0373 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0350 MONTHLY MAX: .059

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-075-0001 POC: 1
 COUNTY: (075) Graham
 CITY: (00000) Not in a city
 SITE ADDRESS: FOREST ROAD 423 SPUR
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.2579300009
 LONGITUDE: -83.79562
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1429
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .024 | .021 | .021 | .023 | .030 | .031 | .031 | .028 | .029 | .027 | .028 | .030 | BF | .030 | .030 | .032 | .032 | .030 | .030 | .031 | .031 | .030 | .029 | .029 | 23 | .032 |
| 2 | .029 | .028 | .028 | .029 | .030 | .032 | .035 | .039 | .040 | .039 | .038 | .037 | BF | .034 | .033 | .034 | .034 | .036 | .040 | .039 | .041 | .039 | .039 | .042 | 23 | .042 |
| 3 | .045 | .045 | .046 | .045 | .045 | .045 | .048 | .041 | .039 | .035 | .036 | .039 | BF | .040 | .041 | .040 | .039 | .032 | .036 | .038 | .042 | .041 | .047 | .046 | 23 | .048 |
| 4 | .046 | .047 | .048 | .049 | .049 | AE | .049 | .040 | .037 | .032 | .030 | .028 | BF | .031 | .032 | .033 | .035 | .038 | .039 | .037 | .040 | .040 | .043 | .046 | 22 | .049 |
| 5 | .046 | .043 | .044 | .045 | .043 | .043 | .044 | .044 | .041 | .037 | .037 | .036 | BF | .035 | .035 | .038 | .045 | .050 | .053 | .049 | .046 | .050 | .047 | .042 | 23 | .053 |
| 6 | .039 | .037 | .033 | .035 | .039 | .039 | .033 | .032 | .033 | .032 | .029 | .029 | BF | .037 | .040 | .040 | .041 | .038 | .036 | .034 | .032 | .033 | .033 | .033 | 23 | .041 |
| 7 | .034 | .034 | .033 | .032 | .034 | .035 | .035 | .031 | .033 | .033 | .032 | .031 | BF | .031 | .031 | .029 | .029 | .033 | .039 | .044 | .042 | .043 | .043 | .045 | 23 | .045 |
| 8 | .044 | .043 | .042 | .038 | .035 | .035 | .036 | .031 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 8 | .044 |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 10 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 11 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 12 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 13 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 14 | AO | BA | BA | .029 | BF | .026 | .026 | .027 | .027 | .027 | .026 | .028 | .028 | .033 | .034 | .035 | 12 | .035 |
| 15 | .034 | .034 | .034 | .035 | .036 | .033 | .033 | .032 | .029 | .027 | .026 | .027 | BF | .031 | .032 | .035 | .039 | .042 | .046 | .046 | .045 | .041 | .037 | .039 | 23 | .046 |
| 16 | .039 | .038 | .035 | .041 | .041 | .041 | .042 | .042 | .041 | .040 | .039 | .039 | BF | .037 | .038 | .039 | .041 | .045 | .045 | .044 | .047 | .051 | .048 | .041 | 23 | .051 |
| 17 | .039 | .043 | .045 | .045 | .042 | .042 | .043 | .042 | .041 | .038 | .037 | .036 | BF | .037 | .038 | .041 | .045 | .049 | .051 | .050 | .051 | .053 | .052 | .052 | 23 | .053 |
| 18 | .050 | .049 | .049 | .049 | .048 | .048 | .048 | .047 | .045 | .043 | .041 | .040 | BF | .042 | .038 | .040 | .042 | .045 | .047 | .047 | .049 | .049 | .046 | .045 | 23 | .050 |
| 19 | .047 | .049 | .049 | .048 | .048 | .049 | .051 | .051 | .049 | .044 | .043 | .042 | BF | .040 | .039 | .037 | .037 | .039 | .049 | .050 | .050 | .047 | .048 | .049 | 23 | .051 |
| 20 | .049 | .047 | .045 | .043 | .042 | .040 | .044 | .047 | .041 | .039 | .038 | .039 | BF | .039 | .041 | .040 | .042 | .047 | .050 | .049 | .050 | .050 | .049 | .049 | 23 | .050 |
| 21 | .051 | .055 | .056 | .053 | .050 | .047 | .050 | .047 | .045 | .044 | .042 | .040 | BF | .039 | .039 | .041 | .044 | .048 | .050 | .050 | .051 | .048 | .050 | .050 | 23 | .056 |
| 22 | .050 | .051 | .051 | .049 | .050 | .050 | .051 | .045 | .043 | .041 | .043 | .042 | BF | .041 | .041 | .040 | .041 | .046 | .049 | .047 | .048 | .045 | .047 | .048 | 23 | .051 |
| 23 | .051 | .050 | .051 | .052 | .056 | .055 | .058 | .052 | .049 | .049 | .047 | .047 | BF | .042 | .042 | .045 | .046 | .046 | .047 | .051 | .051 | .055 | .057 | .059 | 23 | .059 |
| 24 | .060 | .060 | .059 | .056 | .052 | .050 | .048 | .045 | .046 | .045 | .047 | .045 | BF | .042 | .040 | .040 | .041 | .041 | .042 | .043 | .039 | .038 | .037 | .036 | 23 | .060 |
| 25 | .035 | .038 | .038 | .042 | .048 | .049 | .048 | .047 | .046 | .045 | .042 | .041 | BF | .042 | .040 | .039 | .040 | .042 | .042 | .043 | .044 | .041 | .042 | .046 | 23 | .049 |
| 26 | .046 | .046 | .048 | .047 | .046 | .046 | .048 | .043 | .041 | .039 | .039 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 11 | .048 |
| 27 | AN | AI | AZ | .043 | BF | AI | .043 | .045 | .051 | .054 | .058 | .057 | .052 | .049 | .047 | .047 | 11 | .058 |
| 28 | .046 | .046 | .048 | .048 | .049 | .051 | .056 | .052 | .052 | .053 | .049 | .048 | BF | .049 | .048 | .054 | .062 | .062 | .055 | .049 | .047 | .046 | .045 | .049 | 23 | .062 |
| 29 | .050 | .048 | .052 | .049 | .047 | .044 | .042 | .043 | .044 | .042 | .041 | .043 | BF | .041 | .039 | .048 | .051 | .052 | .052 | .052 | .052 | .050 | .051 | .050 | 23 | .052 |
| 30 | .049 | .048 | .048 | .049 | .048 | .047 | .047 | .046 | .045 | .040 | .040 | .040 | BF | .046 | .044 | .047 | .048 | .048 | .048 | .048 | .047 | .048 | .046 | .045 | 23 | .049 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 23 | 23 | 23 | 23 | 23 | 22 | 23 | 23 | 22 | 22 | 22 | 23 | | 22 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | | |
| MAX: | .060 | .060 | .059 | .056 | .056 | .055 | .058 | .052 | .052 | .053 | .049 | .048 | | .049 | .048 | .054 | .062 | .062 | .058 | .057 | .052 | .055 | .057 | .059 | | |
| AVG: | .0436 | .0435 | .0436 | .0436 | .0438 | .0433 | .0443 | .0420 | .0413 | .0393 | .0384 | .0379 | | .0378 | .0378 | .0393 | .0414 | .0430 | .0448 | .0446 | .0446 | .0443 | .0442 | .0445 | | |

MONTHLY OBSERVATIONS: 524 MONTHLY MEAN: .0422 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-075-0001 POC: 1
 COUNTY: (075) Graham
 CITY: (00000) Not in a city
 SITE ADDRESS: FOREST ROAD 423 SPUR
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.2579300009
 LONGITUDE: -83.79562
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1429
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .045 | .044 | .043 | .042 | .041 | .040 | .038 | .036 | .037 | .037 | .035 | .037 | BF | .039 | .040 | .038 | .034 | .031 | .038 | .044 | .043 | .043 | .043 | .043 | 23 | .045 |
| 2 | .042 | .039 | .038 | .040 | .040 | .046 | .042 | .045 | .046 | .035 | .035 | .033 | BF | .035 | .035 | .038 | .039 | .040 | .040 | .040 | .044 | .052 | .052 | .045 | 23 | .052 |
| 3 | .045 | .045 | .045 | .046 | .045 | .044 | .044 | .042 | .040 | .040 | .040 | .040 | BF | .037 | .038 | .038 | .039 | .039 | .041 | .041 | .039 | .044 | .051 | .051 | 23 | .051 |
| 4 | .047 | .044 | .046 | .047 | .044 | .045 | .045 | .044 | .042 | .040 | .038 | .038 | BF | .036 | .036 | .037 | .038 | .038 | .042 | .043 | .043 | .049 | .053 | .049 | 23 | .053 |
| 5 | .046 | .046 | .041 | .040 | .040 | .040 | .042 | .043 | .046 | .045 | .038 | .034 | BF | .039 | .041 | .043 | .043 | .041 | .048 | .051 | .051 | .051 | .057 | .060 | 23 | .060 |
| 6 | .059 | .052 | .048 | .044 | .049 | .049 | .048 | .042 | .042 | .039 | .038 | .038 | BF | .037 | .037 | .037 | .039 | .035 | .033 | .035 | .039 | .038 | .037 | .034 | 23 | .059 |
| 7 | .033 | .033 | .033 | .028 | .026 | .025 | .025 | .024 | .023 | .022 | .024 | .023 | BF | .021 | .021 | .021 | .019 | .017 | .016 | .019 | .021 | .021 | .021 | .020 | 23 | .033 |
| 8 | .021 | .020 | .020 | .019 | .018 | .018 | .018 | .018 | .017 | .016 | .016 | .016 | BF | .018 | .022 | .027 | .030 | .030 | .027 | .022 | .021 | .020 | .019 | .018 | 23 | .030 |
| 9 | .018 | .018 | .017 | .018 | .019 | .020 | .023 | .022 | .022 | .023 | .022 | .018 | BF | .018 | .019 | .018 | .018 | .016 | .017 | .022 | .021 | .017 | .021 | .017 | 23 | .023 |
| 10 | .015 | .012 | .015 | .016 | .015 | .015 | .017 | .020 | .019 | .016 | BA | .014 | BF | .016 | .018 | .019 | .019 | .023 | .025 | .025 | .024 | .024 | .023 | .023 | 22 | .025 |
| 11 | .022 | .021 | .021 | .020 | .015 | .013 | .015 | .019 | .021 | .023 | .025 | .027 | BF | .027 | .028 | .029 | .030 | .030 | .031 | .036 | .034 | .037 | .036 | .032 | 23 | .037 |
| 12 | .030 | .029 | .030 | .030 | .031 | .034 | .045 | .056 | .063 | .062 | .056 | .049 | BF | .040 | .036 | .041 | .044 | .045 | .048 | .045 | .044 | .045 | .045 | .046 | 23 | .063 |
| 13 | .047 | .051 | .052 | .046 | .045 | .043 | .044 | .042 | .040 | .036 | .034 | .034 | BF | .038 | .037 | .034 | .031 | .032 | .031 | .031 | .033 | .032 | .033 | .036 | 23 | .052 |
| 14 | .033 | .037 | .038 | .033 | .034 | .039 | .041 | .039 | .035 | .028 | .028 | .037 | BF | .037 | .036 | .034 | .036 | .035 | .034 | .033 | .030 | .025 | .023 | .024 | 23 | .041 |
| 15 | .029 | .032 | .032 | .028 | .028 | .027 | .027 | .026 | .025 | .025 | .024 | .024 | BF | .023 | .024 | .024 | .024 | .023 | .021 | .023 | .022 | .026 | .029 | .030 | 23 | .032 |
| 16 | .027 | .027 | .030 | .028 | .022 | .023 | .025 | .026 | .025 | .023 | .022 | .023 | BF | .027 | .029 | .031 | .032 | .033 | .032 | .033 | .033 | .033 | .034 | .035 | 23 | .035 |
| 17 | .038 | .040 | .041 | .045 | .045 | .045 | .046 | .045 | .042 | .040 | .033 | .034 | BF | .034 | .034 | .034 | .035 | .033 | .037 | .037 | .037 | .037 | .036 | .036 | 23 | .046 |
| 18 | .037 | .037 | .036 | .036 | .043 | .048 | .051 | .052 | .051 | .046 | .038 | .033 | BF | .038 | .039 | .042 | .044 | .044 | .044 | .046 | .046 | .046 | .050 | .050 | 23 | .052 |
| 19 | .050 | .053 | .054 | .052 | .052 | .052 | .051 | .052 | .051 | .051 | .049 | .050 | BF | .050 | .049 | .045 | .044 | .044 | .050 | .050 | .049 | .049 | .050 | .050 | 23 | .054 |
| 20 | .048 | .046 | .048 | .049 | .052 | .052 | .052 | .051 | .048 | .047 | .045 | .045 | BF | .047 | .045 | .044 | .044 | .044 | .045 | .049 | .048 | .050 | .048 | .046 | 23 | .052 |
| 21 | .050 | .051 | .050 | .050 | .051 | .052 | .052 | .053 | .050 | .049 | .049 | .046 | BF | .047 | .048 | .049 | .049 | .048 | .048 | .050 | .052 | .053 | .055 | .054 | 23 | .055 |
| 22 | .053 | .054 | .055 | .055 | .054 | .051 | .047 | .043 | .041 | .039 | .040 | .039 | BF | .038 | .037 | .035 | .035 | .036 | .036 | .037 | .037 | .035 | .036 | .037 | 23 | .055 |
| 23 | .035 | .033 | .032 | .031 | .030 | .029 | .026 | .026 | .028 | .029 | .031 | .036 | BF | .040 | .041 | .040 | .040 | .040 | .037 | .036 | .033 | .031 | .031 | .037 | 23 | .041 |
| 24 | .038 | .047 | .045 | .043 | .042 | .040 | .037 | .031 | .030 | .031 | .034 | .038 | BF | .037 | .039 | .039 | .039 | .039 | .040 | .041 | .040 | .040 | .039 | .037 | 23 | .047 |
| 25 | .035 | .035 | .036 | .034 | .033 | .031 | .029 | .027 | .029 | .030 | .029 | .031 | BF | .032 | .034 | .036 | .036 | .039 | .039 | .039 | .040 | .039 | .039 | .039 | 23 | .040 |
| 26 | .039 | .039 | .040 | .041 | .040 | .043 | .044 | .042 | .042 | .040 | .041 | .040 | BF | .039 | .041 | .041 | .040 | .040 | .042 | .043 | .044 | .043 | .043 | .046 | 23 | .046 |
| 27 | .045 | .045 | .045 | .047 | .045 | .044 | .043 | .042 | .042 | .045 | .045 | .045 | BF | .045 | .045 | .045 | .045 | .045 | .049 | .048 | .049 | .047 | .047 | .045 | 23 | .049 |
| 28 | .044 | .044 | .041 | .040 | .039 | .038 | .039 | .039 | .038 | .039 | .038 | .037 | BF | .034 | .033 | .031 | .029 | .024 | .023 | .022 | .019 | .016 | .018 | .017 | 23 | .044 |
| 29 | .018 | .020 | .020 | .020 | .018 | .018 | .018 | .020 | .020 | .020 | .021 | .024 | BF | .023 | .025 | .025 | .025 | .024 | .024 | .023 | .023 | .024 | .025 | .026 | 23 | .026 |
| 30 | .027 | .027 | .030 | .034 | .035 | .036 | .039 | .043 | .043 | .044 | .039 | .037 | BF | .037 | .039 | .040 | .042 | .040 | .042 | .045 | .047 | .047 | .048 | .048 | 23 | .048 |
| 31 | .048 | .047 | .047 | .047 | .048 | .050 | .050 | .050 | .049 | .049 | .050 | .050 | BF | .048 | .047 | .045 | .045 | .046 | .048 | .050 | .048 | .046 | .045 | .047 | 23 | .050 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .059 | .054 | .055 | .055 | .054 | .052 | .052 | .056 | .063 | .062 | .056 | .050 | | .050 | .049 | .049 | .049 | .048 | .050 | .051 | .052 | .053 | .057 | .060 | | |
| AVG: | .0375 | .0377 | .0377 | .0371 | .0367 | .0371 | .0375 | .0374 | .0370 | .0358 | .0352 | .0345 | | .0347 | .0353 | .0355 | .0357 | .0353 | .0364 | .0374 | .0372 | .0374 | .0383 | .0380 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0366 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-075-0001 POC: 1
 COUNTY: (075) Graham
 CITY: (00000) Not in a city
 SITE ADDRESS: FOREST ROAD 423 SPUR
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.2579300009
 LONGITUDE: -83.79562
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1429
 PROBE HEIGHT: 5

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .049 | .049 | .048 | .047 | .045 | .045 | .047 | .044 | .043 | .045 | .046 | .047 | BF | | | | | | | | | | | | 12 | .049 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| MAX: | .049 | .049 | .048 | .047 | .045 | .045 | .047 | .044 | .043 | .045 | .046 | .047 | | | | | | | | | | | | | | | | |
| AVG: | .0490 | .0490 | .0480 | .0470 | .0450 | .0450 | .0470 | .0440 | .0430 | .0450 | .0460 | .0470 | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 12 MONTHLY MEAN: .0463 MONTHLY MAX: .049

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone
 SITE ID: 37-077-0001 POC: 1
 COUNTY: (077) Granville
 CITY: (09360) Butner
 SITE ADDRESS: 800 Central Avenue
 SITE COMMENTS: RELOCATION OF 100 FEET DUKE POWER ELECTRIC METER NO 70944804
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.141111
 LONGITUDE: -78.768056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 91
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .031 | .030 | .029 | BF | .026 | .026 | .024 | .021 | .021 | .024 | .027 | .029 | .032 | .033 | .033 | .033 | .033 | .037 | .036 | .033 | .033 | .031 | .030 | .032 | 23 | .037 |
| 2 | .030 | .028 | .036 | BF | .041 | .041 | .042 | .040 | .040 | .041 | .041 | .043 | .045 | .045 | .046 | .047 | .047 | .046 | .040 | .036 | .033 | .027 | .033 | .039 | 23 | .047 |
| 3 | .039 | .038 | .031 | BF | .020 | .028 | .035 | .033 | .038 | .042 | .044 | .044 | .045 | .046 | .046 | .045 | .045 | .045 | .044 | .041 | .039 | .038 | .038 | .036 | 23 | .046 |
| 4 | .029 | .029 | .025 | BF | .029 | .025 | .020 | .013 | .029 | .040 | .042 | .044 | .045 | .046 | .047 | .047 | .048 | .046 | .035 | .033 | .028 | .024 | .026 | .024 | 23 | .048 |
| 5 | .015 | .025 | .035 | BF | .038 | .036 | .035 | .036 | .040 | .042 | .042 | .043 | .044 | .045 | .048 | .050 | .051 | .050 | .039 | .033 | .030 | .026 | .027 | .024 | 23 | .051 |
| 6 | .024 | .020 | .020 | BF | .011 | .007 | .005 | .005 | .023 | .030 | .036 | .045 | .050 | .054 | .054 | .054 | .055 | .050 | .034 | .032 | .037 | .040 | .038 | .039 | 23 | .055 |
| 7 | .045 | .048 | .046 | BF | .046 | .044 | .042 | .039 | .038 | .046 | .047 | .051 | .053 | .054 | .054 | .055 | .055 | .054 | .050 | .047 | .045 | .045 | .043 | .042 | 23 | .055 |
| 8 | .042 | .042 | .042 | BF | .040 | .039 | .039 | .039 | BA | .042 | .045 | .048 | .050 | .053 | .053 | .053 | .053 | .053 | .050 | .048 | .047 | .043 | .037 | .027 | 22 | .053 |
| 9 | .028 | .019 | .020 | BF | .012 | .007 | .003 | .003 | .014 | .033 | .039 | .049 | .053 | .055 | .056 | .056 | .055 | .055 | .054 | .050 | .046 | .045 | .046 | .049 | 23 | .056 |
| 10 | .049 | .049 | .047 | BF | .046 | .044 | .042 | .041 | .038 | .041 | .047 | .050 | .047 | .049 | .050 | .050 | .051 | .049 | .046 | .045 | .041 | .040 | .041 | .040 | 23 | .051 |
| 11 | .037 | .033 | .031 | BF | .032 | .028 | .029 | .031 | .032 | .038 | .042 | .044 | .044 | .047 | .049 | .050 | .049 | .047 | .040 | .028 | .030 | .026 | .032 | .036 | 23 | .050 |
| 12 | .041 | .040 | .040 | BF | .040 | .041 | .040 | .040 | .040 | .040 | .041 | .043 | .046 | .047 | .048 | .048 | .048 | .048 | .043 | .032 | .031 | .025 | .019 | .021 | 23 | .048 |
| 13 | .022 | .020 | .022 | BF | .027 | .028 | .028 | .032 | .039 | .043 | .045 | .044 | .044 | .040 | .039 | .037 | .037 | .037 | .036 | .036 | .037 | .038 | .038 | .038 | 23 | .045 |
| 14 | .037 | .038 | .038 | BF | .041 | .041 | .039 | .036 | .032 | .034 | .037 | .038 | .040 | .041 | .039 | .040 | .041 | .041 | .040 | .039 | .039 | .040 | .041 | .042 | 23 | .042 |
| 15 | .042 | .040 | .040 | BF | .042 | .042 | .042 | .043 | .041 | .043 | .044 | .045 | .046 | .047 | .047 | .047 | .046 | .045 | .043 | .043 | .042 | .041 | .040 | .040 | 23 | .047 |
| 16 | .039 | .039 | .037 | BF | .037 | .036 | .035 | .038 | .040 | .043 | .043 | .044 | .047 | .049 | .051 | .052 | .053 | .052 | .049 | .047 | .039 | .037 | .032 | .024 | 23 | .053 |
| 17 | .023 | .024 | .022 | BF | .022 | .021 | .015 | .019 | .027 | .042 | .044 | .050 | .050 | .048 | .050 | .054 | .055 | .053 | .048 | .049 | .051 | .050 | .045 | .040 | 23 | .055 |
| 18 | .033 | .038 | .045 | BF | .041 | .040 | .039 | .036 | .034 | .032 | .031 | .033 | .035 | .037 | .042 | .045 | .046 | .045 | .051 | .044 | .037 | .040 | .037 | .038 | 23 | .051 |
| 19 | .035 | .034 | .032 | BF | .026 | .023 | .021 | .022 | .028 | .033 | .037 | .038 | .040 | .042 | .043 | .045 | .042 | .042 | .039 | .032 | .026 | .023 | .024 | .019 | 23 | .045 |
| 20 | .021 | .017 | .013 | BF | .010 | .011 | .007 | .009 | .029 | .035 | .039 | .042 | .046 | .050 | .051 | .051 | .048 | .046 | .042 | .034 | .029 | .030 | .024 | .016 | 23 | .051 |
| 21 | .028 | .030 | .024 | BF | .017 | .013 | .027 | .026 | .032 | .039 | .048 | .053 | .055 | .057 | .057 | .057 | .056 | .055 | .051 | .049 | .048 | .046 | .036 | .030 | 23 | .057 |
| 22 | .030 | .032 | .036 | BF | .037 | .039 | .039 | .041 | .043 | .045 | .047 | .048 | .049 | .051 | .054 | .053 | .053 | .051 | .049 | .047 | .046 | .042 | .036 | .026 | 23 | .054 |
| 23 | .030 | .032 | .034 | BF | .026 | .030 | .032 | .037 | .041 | .044 | .046 | .048 | .050 | .052 | .053 | .054 | .055 | .054 | .048 | .045 | .046 | .044 | .034 | .038 | 23 | .055 |
| 24 | .040 | .034 | .027 | BF | .024 | .027 | .019 | .024 | .033 | .036 | .047 | .051 | .052 | .051 | .052 | .052 | .054 | .055 | .052 | .048 | .045 | .040 | .039 | .041 | 23 | .055 |
| 25 | .041 | .040 | .039 | BF | .037 | .035 | .032 | .033 | .035 | .042 | .045 | .048 | .049 | .049 | .049 | .048 | .047 | .046 | .045 | .041 | .033 | .032 | .035 | .038 | 23 | .049 |
| 26 | .040 | .039 | .037 | BF | .022 | .012 | .008 | .010 | .022 | .035 | .041 | .044 | .046 | .047 | .047 | .047 | .046 | .046 | .044 | .044 | .041 | .039 | .042 | .042 | 23 | .047 |
| 27 | .042 | .042 | .040 | BF | .037 | .035 | .029 | .027 | .028 | .031 | .038 | .043 | .043 | .044 | .046 | .047 | .046 | .045 | .041 | .036 | .035 | .036 | .039 | .041 | 23 | .047 |
| 28 | .040 | .039 | .037 | BF | .033 | .032 | .026 | .025 | .028 | .030 | .032 | .038 | .045 | .052 | .057 | .057 | .054 | .052 | .050 | .040 | .039 | .048 | .050 | .049 | 23 | .057 |
| 29 | .048 | .047 | .046 | BF | .040 | .036 | .034 | .034 | .036 | .039 | .041 | .044 | .046 | .047 | .048 | .048 | .048 | .046 | .034 | .034 | .032 | .026 | .026 | .029 | 23 | .048 |
| 30 | .030 | .028 | .026 | BF | .031 | .030 | .025 | .032 | .034 | .038 | .041 | .043 | .044 | .050 | .052 | .051 | .049 | .048 | .045 | .044 | .044 | .042 | .045 | .046 | 23 | .052 |
| 31 | .044 | .043 | .042 | BF | .039 | .037 | .037 | .036 | .034 | .035 | .037 | .041 | .042 | .045 | .050 | .054 | .050 | .046 | .041 | .037 | .035 | .033 | .030 | .030 | 23 | .054 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .049 | .049 | .047 | | .046 | .044 | .042 | .043 | .043 | .046 | .048 | .053 | .055 | .057 | .057 | .057 | .056 | .055 | .054 | .050 | .051 | .050 | .050 | .049 | | |
| AVG: | .0347 | .0341 | .0335 | | .0313 | .0301 | .0287 | .0291 | .0330 | .0380 | .0412 | .0441 | .0459 | .0475 | .0487 | .0493 | .0489 | .0479 | .0439 | .0402 | .0382 | .0367 | .0356 | .0347 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0389 MONTHLY MAX: .057

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-077-0001 POC: 1
 COUNTY: (077) Granville
 CITY: (09360) Butner
 SITE ADDRESS: 800 Central Avenue
 SITE COMMENTS: RELOCATION OF 100 FEET DUKE POWER ELECTRIC METER NO 70944804
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.141111
 LONGITUDE: -78.768056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 91
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .029 | .027 | .025 | BF | .023 | .024 | .024 | .026 | .031 | .035 | .038 | .040 | .041 | .043 | .045 | .047 | .048 | .048 | .046 | .042 | .038 | .035 | .036 | .035 | 23 | .048 | |
| 2 | .035 | .032 | .031 | BF | .029 | .028 | .028 | .029 | .034 | .036 | .039 | .041 | .042 | .044 | .046 | .048 | .049 | .049 | .044 | .035 | .038 | .041 | .033 | .029 | 23 | .049 | |
| 3 | .036 | .036 | .039 | BF | .030 | .017 | .015 | .028 | .036 | .038 | .040 | .046 | .050 | .052 | .050 | .048 | .044 | .043 | .041 | .037 | .037 | .034 | .035 | .036 | 23 | .052 | |
| 4 | .037 | .037 | .035 | BF | .033 | .031 | .029 | .030 | .032 | .036 | .042 | .046 | .049 | .052 | .054 | .056 | .057 | .058 | .057 | .052 | .049 | .047 | .041 | .040 | 23 | .058 | |
| 5 | .030 | .024 | .013 | BF | .006 | .003 | .002 | .010 | .030 | .038 | .048 | .051 | .055 | .056 | .057 | .050 | .042 | .044 | .044 | .042 | .043 | .045 | .043 | .040 | 23 | .057 | |
| 6 | .036 | .032 | .022 | BF | .028 | .026 | .026 | BA | .030 | .035 | .042 | .041 | .039 | .038 | .041 | .040 | .040 | .038 | .039 | .038 | .036 | .038 | .039 | .037 | 22 | .042 | |
| 7 | .038 | .039 | .039 | BF | .040 | .041 | .041 | .040 | .040 | .039 | .040 | .041 | .043 | .045 | .045 | .046 | .046 | .044 | .043 | .043 | .043 | .041 | .034 | .029 | 23 | .046 | |
| 8 | .025 | .019 | .016 | BF | .020 | .011 | .014 | .026 | .040 | .048 | .050 | .052 | .054 | .054 | .055 | .056 | .058 | .057 | .055 | .048 | .037 | .028 | .025 | .021 | 23 | .058 | |
| 9 | .016 | .022 | .019 | BF | .011 | .008 | .007 | .021 | .039 | .045 | .053 | .057 | .061 | .065 | .066 | .066 | .064 | .063 | .058 | .047 | .042 | .041 | .037 | .041 | 23 | .066 | |
| 10 | .048 | .049 | .049 | BF | .045 | .039 | .038 | .039 | .042 | .050 | .055 | .061 | .063 | .064 | .064 | .061 | .059 | .060 | .059 | .055 | .050 | .045 | .037 | .040 | 23 | .064 | |
| 11 | .042 | .044 | .043 | BF | .038 | .034 | .032 | .034 | .042 | .046 | .043 | .053 | .057 | .061 | .062 | .061 | .058 | .055 | .051 | .046 | .041 | .042 | .044 | .043 | 23 | .062 | |
| 12 | .040 | .039 | .037 | BF | .034 | .033 | .032 | .033 | .034 | .041 | .048 | .052 | .054 | .055 | .056 | .057 | .058 | .058 | .053 | .044 | .039 | .034 | .029 | .021 | 23 | .058 | |
| 13 | .023 | .018 | .018 | BF | .029 | .034 | .042 | .044 | .046 | .050 | .055 | .059 | .060 | .062 | .063 | .063 | .063 | .063 | .060 | .056 | .055 | .052 | .052 | .051 | 23 | .063 | |
| 14 | .049 | .047 | .044 | BF | .036 | .037 | .036 | .035 | .042 | .048 | .050 | .053 | .056 | .062 | .065 | .064 | .062 | .057 | .047 | .036 | .040 | .035 | .034 | .031 | 23 | .065 | |
| 15 | .030 | .024 | .022 | BF | .018 | .019 | .018 | .024 | .032 | .041 | .045 | .048 | .051 | .052 | .053 | .054 | .054 | .053 | .051 | .048 | .045 | .041 | .043 | .045 | 23 | .054 | |
| 16 | .046 | .045 | .045 | BF | .043 | .041 | .038 | .040 | .044 | .048 | .050 | .052 | .053 | .053 | .054 | .055 | .055 | .055 | .054 | .051 | .047 | .043 | .043 | .043 | 23 | .055 | |
| 17 | .043 | .043 | .042 | BF | .041 | .041 | .041 | .041 | .042 | .046 | .051 | .054 | .054 | .053 | .053 | .051 | .044 | .031 | .023 | .017 | .013 | .012 | .013 | .021 | 23 | .054 | |
| 18 | .022 | .024 | .027 | BF | .021 | .022 | .023 | .025 | .030 | .038 | .043 | .045 | .046 | .046 | .048 | .051 | .050 | .049 | .049 | .049 | .048 | .047 | .047 | .045 | 23 | .051 | |
| 19 | .043 | .039 | .035 | BF | .031 | .032 | .030 | .027 | .026 | .027 | .027 | .027 | .029 | .029 | .031 | .030 | .030 | .027 | .027 | .018 | .012 | .011 | .009 | .005 | 23 | .043 | |
| 20 | .011 | .015 | .015 | BF | .012 | .009 | .008 | .011 | .021 | .031 | .037 | .040 | .044 | .048 | .050 | .050 | .049 | .049 | .047 | .040 | .036 | .033 | .032 | .026 | 23 | .050 | |
| 21 | .017 | .020 | .024 | BF | .021 | .019 | .017 | .020 | .026 | .037 | .046 | .049 | .050 | .052 | .053 | .054 | .051 | .047 | .043 | .037 | .031 | .028 | .035 | .033 | 23 | .054 | |
| 22 | .025 | .018 | .014 | BF | .011 | .008 | .006 | .011 | .022 | .027 | .036 | .043 | .044 | .046 | .049 | .046 | .041 | .031 | .024 | .022 | .023 | .024 | .022 | .022 | 23 | .049 | |
| 23 | .022 | .023 | .022 | BF | .021 | .021 | .021 | .023 | .023 | .022 | .022 | .022 | .022 | .020 | .017 | .019 | .021 | .022 | .022 | .025 | .026 | .029 | .030 | .028 | 23 | .030 | |
| 24 | .029 | .031 | .028 | BF | .027 | .025 | .024 | .022 | .021 | .021 | .020 | .021 | .021 | .021 | .022 | .021 | .020 | .023 | .023 | .026 | .028 | .029 | .030 | .031 | 23 | .031 | |
| 25 | .031 | .030 | .031 | BF | .029 | .027 | .028 | .029 | .029 | .028 | .030 | .032 | .032 | .032 | .035 | .034 | .031 | .028 | .023 | .027 | .025 | .025 | .026 | .025 | 23 | .035 | |
| 26 | .026 | .028 | .026 | BF | .017 | .015 | .016 | .019 | .022 | .030 | .037 | .039 | .040 | .041 | .042 | .044 | .043 | .040 | .035 | .022 | .013 | .009 | .005 | .003 | 23 | .044 | |
| 27 | .004 | .012 | .023 | BF | .030 | .027 | .028 | .037 | .045 | .048 | .051 | .054 | .057 | .060 | .062 | .062 | .058 | .055 | .049 | .042 | .037 | .034 | .034 | .035 | 23 | .062 | |
| 28 | .034 | .033 | .031 | BF | .030 | .023 | .020 | .026 | .033 | .037 | .041 | .043 | .043 | .042 | .044 | .044 | .046 | .046 | .046 | .040 | .032 | .029 | .025 | .034 | 23 | .046 | |
| 29 | .034 | .032 | .030 | BF | .027 | .026 | .024 | .023 | .025 | .029 | .033 | .035 | .037 | .039 | .042 | .041 | .041 | .041 | .040 | .035 | .028 | .026 | .023 | .020 | 23 | .042 | |
| 30 | .019 | .018 | .017 | BF | .018 | .019 | .018 | .020 | .022 | .024 | .027 | .028 | .029 | .031 | .032 | .032 | .031 | .028 | .026 | .023 | .019 | .016 | .020 | .022 | 23 | .032 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .049 | .049 | .049 | | .045 | .041 | .042 | .044 | .046 | .050 | .055 | .061 | .063 | .065 | .066 | .066 | .064 | .063 | .060 | .056 | .055 | .052 | .052 | .051 | | | |
| AVG: | .0307 | .0300 | .0287 | | .0266 | .0247 | .0242 | .0273 | .0327 | .0373 | .0413 | .0442 | .0459 | .0473 | .0485 | .0484 | .0471 | .0454 | .0426 | .0381 | .0350 | .0331 | .0319 | .0311 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0366 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-077-0001 POC: 1
 COUNTY: (077) Granville
 CITY: (09360) Butner
 SITE ADDRESS: 800 Central Avenue
 SITE COMMENTS: RELOCATION OF 100 FEET DUKE POWER ELECTRIC METER NO 70944804
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.141111
 LONGITUDE: -78.768056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 91
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .022 | .023 | .022 | BF | .024 | .024 | .024 | BA | .025 | .026 | .030 | .030 | .032 | .034 | .034 | .034 | .034 | .033 | .031 | .031 | .030 | .025 | .023 | .028 | 22 | .034 |
| 2 | .027 | .027 | .025 | BF | .024 | .024 | .032 | .039 | .045 | .050 | .047 | .055 | .055 | .053 | .054 | .054 | .057 | .057 | .056 | .051 | .046 | .043 | .039 | .036 | 23 | .057 |
| 3 | .034 | .034 | .027 | BF | .032 | .025 | .029 | .039 | .045 | .050 | .051 | .052 | .053 | .053 | .054 | .054 | .054 | .054 | .044 | .036 | .034 | .032 | .029 | .033 | 23 | .054 |
| 4 | .042 | .042 | .043 | BF | .037 | .032 | .033 | .037 | .042 | .047 | .051 | .054 | .055 | .054 | .054 | .044 | .028 | .027 | .027 | .035 | .039 | .041 | .044 | .042 | 23 | .055 |
| 5 | .036 | .028 | .022 | BF | .049 | .044 | .039 | .033 | .031 | .035 | .040 | .040 | .043 | .047 | .051 | .050 | .047 | .045 | .044 | .043 | .039 | .036 | .034 | .033 | 23 | .051 |
| 6 | .032 | .031 | .029 | BF | .026 | .024 | .021 | .020 | .025 | .033 | .036 | .037 | .039 | .043 | .045 | .047 | .046 | .045 | .042 | .041 | .038 | .035 | .036 | .034 | 23 | .047 |
| 7 | .032 | .028 | .026 | BF | .030 | .030 | .029 | .031 | .034 | .040 | .042 | .045 | .046 | .048 | .048 | .049 | .051 | .051 | .050 | .047 | .045 | .041 | .042 | .037 | 23 | .051 |
| 8 | .032 | .028 | .023 | BF | .016 | .007 | .017 | .033 | .041 | .053 | .058 | .059 | .059 | .058 | .060 | .061 | .062 | .061 | .056 | .044 | .041 | .035 | .030 | .023 | 23 | .062 |
| 9 | .022 | .018 | .012 | BF | .013 | .009 | .016 | .016 | .015 | .019 | .017 | .027 | .025 | .034 | .042 | .046 | .045 | .036 | .029 | .018 | .015 | .010 | .008 | .009 | 23 | .046 |
| 10 | .013 | .022 | .020 | BF | .018 | .019 | .020 | .021 | .028 | .033 | .041 | .048 | .054 | .053 | .052 | .054 | .060 | .066 | .056 | .039 | .027 | .020 | .015 | .019 | 23 | .066 |
| 11 | .020 | .024 | .012 | BF | .007 | .011 | .015 | .022 | .024 | .023 | .022 | .031 | .041 | .055 | .056 | .056 | .057 | .051 | .045 | .030 | .026 | .027 | .037 | .041 | 23 | .057 |
| 12 | .041 | .041 | .043 | BF | .041 | .040 | .036 | .037 | .035 | .033 | .032 | .031 | .029 | .028 | .027 | .026 | .023 | .023 | .022 | .024 | .024 | .023 | .023 | .026 | 23 | .043 |
| 13 | .026 | .024 | .026 | BF | .024 | .024 | .023 | .024 | .028 | .029 | .030 | .032 | .031 | .029 | .028 | .029 | .030 | .030 | .028 | .020 | .012 | .006 | .005 | .003 | 23 | .032 |
| 14 | .003 | .001 | .001 | BF | .001 | .003 | .006 | .014 | .025 | .041 | .050 | .057 | .059 | .059 | .057 | .057 | .057 | .057 | .055 | .051 | .049 | .048 | .046 | .041 | 23 | .059 |
| 15 | .038 | .041 | .039 | BF | .043 | .044 | .042 | .040 | .043 | .046 | .048 | .050 | .057 | .061 | .060 | .059 | .060 | .059 | .056 | .043 | .030 | .019 | .020 | .024 | 23 | .061 |
| 16 | .029 | .026 | .029 | BF | .026 | .021 | .023 | .028 | .037 | .046 | .050 | .054 | .057 | .061 | .065 | .072 | .078 | .082 | .072 | .060 | .042 | .028 | .022 | .016 | 23 | .082 |
| 17 | .014 | .006 | .004 | BF | .004 | .004 | .017 | .028 | .041 | .052 | .057 | .061 | .063 | .061 | .062 | .062 | .066 | .068 | .060 | .055 | .048 | .043 | .043 | .045 | 23 | .068 |
| 18 | .049 | .045 | .044 | BF | .044 | .040 | .037 | .036 | .038 | .041 | .044 | .047 | .048 | .049 | .049 | .048 | .047 | .044 | .043 | .042 | .038 | .038 | .038 | .039 | 23 | .049 |
| 19 | .038 | .035 | .033 | BF | .033 | .034 | .034 | .036 | .039 | .043 | .045 | .047 | .047 | .049 | .053 | .056 | .053 | .044 | .036 | .031 | .023 | .018 | .015 | .012 | 23 | .056 |
| 20 | .007 | .007 | .007 | BF | .009 | .012 | .012 | .018 | .028 | .038 | .044 | .046 | .048 | .046 | .046 | .052 | .052 | .046 | .043 | .044 | .041 | .040 | .036 | .033 | 23 | .052 |
| 21 | .031 | .029 | .029 | BF | .027 | .027 | .027 | .027 | .026 | .026 | .026 | .027 | .027 | .027 | .027 | .026 | .026 | .026 | .022 | .022 | .024 | .023 | .019 | .022 | 23 | .031 |
| 22 | .027 | .027 | .024 | BF | .020 | .020 | .021 | .021 | .017 | .014 | .013 | .019 | .024 | .025 | .029 | .031 | .031 | .027 | .020 | .014 | .018 | .017 | .017 | .025 | 23 | .031 |
| 23 | .034 | .030 | .025 | BF | .020 | .015 | .013 | .020 | .024 | .027 | .027 | .027 | .027 | .025 | .024 | .023 | .023 | .022 | .025 | .026 | .024 | .022 | .021 | .021 | 23 | .034 |
| 24 | .021 | .019 | .017 | BF | .019 | .021 | .019 | .019 | .022 | .020 | .018 | .017 | .016 | .021 | .022 | .022 | .016 | .017 | .030 | .031 | .029 | .024 | .025 | .027 | 23 | .031 |
| 25 | .027 | .025 | .046 | BF | .039 | .027 | .031 | .031 | .036 | .037 | .040 | .044 | .050 | .043 | .042 | .043 | .040 | .037 | .025 | .028 | .028 | .029 | .030 | .030 | 23 | .050 |
| 26 | .028 | .027 | .027 | BF | .023 | .021 | .023 | .027 | .038 | .049 | .053 | .054 | .053 | .054 | .056 | .059 | .062 | .060 | .054 | .047 | .039 | .033 | .023 | .025 | 23 | .062 |
| 27 | .024 | .015 | .009 | BF | .008 | .003 | .010 | .027 | .034 | .047 | .059 | .058 | .060 | .056 | .055 | .057 | .053 | .049 | .052 | .050 | .047 | .034 | .028 | .031 | 23 | .060 |
| 28 | .035 | .029 | .030 | BF | .041 | .035 | .026 | .029 | .038 | .043 | .047 | .053 | .054 | .053 | .055 | .050 | .046 | .045 | .041 | .036 | .034 | .027 | .027 | .035 | 23 | .055 |
| 29 | .038 | .034 | .027 | BF | .016 | .015 | .025 | .032 | .039 | .046 | .051 | .050 | .053 | .054 | .051 | .049 | .050 | .046 | .037 | .029 | .026 | .035 | .031 | .023 | 23 | .054 |
| 30 | .017 | .017 | .018 | BF | .022 | .015 | .012 | .014 | .024 | .032 | .033 | .043 | .047 | .047 | .045 | .040 | .044 | .048 | .046 | .039 | .031 | .025 | .022 | .017 | 23 | .048 |
| 31 | .019 | .017 | .012 | BF | .011 | .011 | .013 | BA | .033 | .043 | .045 | .050 | .054 | .057 | .059 | .062 | .066 | .052 | .046 | .047 | .050 | .044 | .034 | .023 | 22 | .066 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .049 | .045 | .046 | | .049 | .044 | .042 | .040 | .045 | .053 | .059 | .061 | .063 | .061 | .065 | .072 | .078 | .082 | .072 | .060 | .050 | .048 | .046 | .045 | | |
| AVG: | .0277 | .0258 | .0242 | | .0241 | .0220 | .0234 | .0276 | .0323 | .0375 | .0402 | .0434 | .0454 | .0464 | .0472 | .0475 | .0472 | .0454 | .0417 | .0372 | .0335 | .0297 | .0278 | .0275 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0350 MONTHLY MAX: .082

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-077-0001 POC: 1
 COUNTY: (077) Granville
 CITY: (09360) Butner
 SITE ADDRESS: 800 Central Avenue
 SITE COMMENTS: RELOCATION OF 100 FEET DUKE POWER ELECTRIC METER NO 70944804
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.141111
 LONGITUDE: -78.768056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 91
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .022 | .021 | .018 | BF | .023 | .014 | .017 | .026 | .033 | .042 | .050 | .057 | .056 | .055 | .055 | .056 | .056 | .051 | .039 | .031 | .027 | .020 | .011 | .006 | 23 | .057 | |
| 2 | .011 | .011 | .014 | BF | .023 | .026 | .026 | .035 | .044 | .051 | .056 | .060 | .067 | .067 | .067 | .069 | .066 | .067 | .060 | .050 | .038 | .031 | .022 | .013 | 23 | .069 | |
| 3 | .013 | .013 | .007 | BF | .009 | .009 | .011 | .026 | .030 | .043 | .050 | .057 | .061 | .063 | .060 | .059 | .060 | .061 | .056 | .044 | .035 | .026 | .019 | .015 | 23 | .063 | |
| 4 | .010 | .008 | .006 | BF | .001 | .006 | .012 | .025 | .044 | .052 | .057 | .060 | .062 | .053 | .049 | .048 | .048 | .050 | .043 | .040 | .036 | .036 | .037 | .034 | 23 | .062 | |
| 5 | .029 | .024 | .021 | BF | .018 | .016 | .015 | .015 | .016 | .015 | .018 | .018 | .022 | .026 | .029 | .029 | .032 | .036 | .032 | .032 | .032 | .031 | .030 | .026 | 23 | .036 | |
| 6 | .023 | .023 | .022 | BF | .014 | .014 | .014 | .024 | .032 | .042 | .048 | .052 | .054 | .054 | .056 | .059 | .058 | .048 | .038 | .032 | .025 | .027 | .029 | .034 | 23 | .059 | |
| 7 | .033 | .030 | .029 | BF | .030 | .028 | .026 | .030 | .035 | .040 | .044 | .046 | .046 | .046 | .046 | .043 | .042 | .040 | .040 | .038 | .036 | .036 | .034 | .032 | 23 | .046 | |
| 8 | .029 | .027 | .028 | BF | .026 | .024 | .022 | .024 | .032 | .036 | .037 | .039 | .039 | .040 | .040 | .041 | .042 | .041 | .040 | .033 | .025 | .016 | .014 | .013 | 23 | .042 | |
| 9 | .012 | .007 | .005 | BF | .004 | .004 | .015 | .022 | .034 | .042 | .047 | .052 | .052 | .052 | .054 | .055 | .054 | .055 | .057 | .044 | .033 | .026 | .018 | .010 | 23 | .057 | |
| 10 | .008 | .005 | .004 | BF | .001 | .001 | .005 | .022 | .029 | .039 | .048 | .054 | .056 | .056 | .057 | .060 | .063 | .063 | .059 | .048 | .038 | .028 | .018 | .027 | 23 | .063 | |
| 11 | .034 | .033 | .028 | BF | .024 | .017 | .026 | .024 | .030 | .038 | .046 | .050 | .051 | .052 | .053 | .052 | .052 | .050 | .047 | .043 | .033 | .026 | .020 | .016 | 23 | .053 | |
| 12 | .019 | .019 | .019 | BF | .017 | .007 | .019 | .027 | .034 | .044 | .049 | .046 | .043 | .046 | .050 | .055 | .052 | .049 | .043 | .036 | .029 | .022 | .023 | .027 | 23 | .055 | |
| 13 | .028 | .030 | .028 | BF | .026 | .024 | .025 | .029 | .035 | .037 | .036 | .046 | .051 | .050 | .043 | .047 | .047 | .040 | .041 | .041 | .041 | .043 | .038 | .034 | 23 | .051 | |
| 14 | .029 | .027 | .021 | BF | .019 | .017 | .018 | .024 | .035 | .044 | .047 | .048 | .048 | .054 | .054 | .062 | .066 | .056 | .045 | .037 | .050 | .047 | .046 | .041 | 23 | .066 | |
| 15 | .033 | .030 | .027 | BF | .017 | .015 | .019 | .030 | .040 | .046 | .054 | .066 | .072 | .076 | .070 | .063 | .056 | .055 | .057 | .056 | .049 | .037 | .030 | .021 | 23 | .076 | |
| 16 | .014 | .014 | .016 | BF | .022 | .022 | .026 | .038 | .035 | .034 | .034 | .046 | .053 | .060 | .064 | .069 | .070 | .067 | .059 | .051 | .045 | .040 | .033 | .028 | 23 | .070 | |
| 17 | .021 | .018 | .016 | BF | .014 | .015 | .016 | .018 | .019 | .025 | .030 | .033 | .036 | .034 | .031 | .033 | .033 | .031 | .031 | .024 | .018 | .018 | .017 | .019 | 23 | .036 | |
| 18 | .020 | .018 | .017 | BF | .021 | .020 | .022 | .023 | .026 | .029 | .031 | .032 | .032 | .035 | .035 | .035 | .033 | .035 | .035 | .029 | .025 | .023 | .024 | .022 | 23 | .035 | |
| 19 | .020 | .018 | .017 | BF | .014 | .012 | .014 | .016 | .020 | .027 | .032 | .034 | .035 | .035 | .035 | .034 | .029 | .027 | .026 | .026 | .036 | .038 | .039 | 23 | .039 | | |
| 20 | .039 | .041 | .039 | BF | .031 | .028 | .027 | .026 | .028 | .029 | .029 | .035 | .045 | .048 | .043 | .044 | .041 | .034 | .030 | .028 | .030 | .037 | .035 | .030 | 23 | .048 | |
| 21 | .028 | .030 | .035 | BF | .032 | .031 | .028 | .025 | AZ | .028 | .028 | .032 | .036 | .038 | .039 | .038 | .036 | .032 | .028 | .019 | .017 | .016 | .017 | .018 | 22 | .039 | |
| 22 | .016 | .012 | .009 | BF | .005 | .005 | .005 | .007 | .012 | .022 | .029 | .032 | .032 | .031 | .027 | .025 | .023 | .022 | .018 | .016 | .015 | .015 | .012 | .010 | 23 | .032 | |
| 23 | .007 | .005 | .005 | BF | .004 | .006 | .008 | BA | .010 | .012 | .018 | .022 | .022 | .023 | .024 | .025 | .024 | .022 | .022 | .020 | .020 | .023 | .024 | .024 | 22 | .025 | |
| 24 | .026 | .026 | .024 | BF | .020 | .017 | .015 | .019 | .028 | .035 | .041 | .042 | .044 | .042 | .040 | .036 | .031 | .033 | .029 | .028 | .024 | .021 | .015 | .019 | 23 | .044 | |
| 25 | .022 | .020 | .015 | BF | .006 | .006 | .008 | .018 | .030 | .034 | .039 | .041 | .043 | .049 | .044 | .043 | .038 | .028 | .025 | .024 | .017 | .014 | .010 | .010 | 23 | .049 | |
| 26 | .011 | .013 | .014 | BF | .021 | .019 | .017 | .024 | .033 | .040 | .049 | .056 | .059 | .053 | .051 | .052 | .051 | .050 | .043 | .031 | .021 | .011 | .006 | .004 | 23 | .059 | |
| 27 | .004 | .005 | .004 | BF | .004 | .007 | .009 | .022 | .033 | .037 | .040 | .044 | .050 | .047 | .053 | .053 | .044 | .046 | .043 | .034 | .024 | .019 | .017 | .010 | 23 | .053 | |
| 28 | .009 | .006 | .012 | BF | .020 | .016 | .018 | .024 | .029 | .035 | .039 | .043 | .047 | .048 | .047 | .049 | .050 | .049 | .044 | .033 | .026 | .017 | .012 | .007 | 23 | .050 | |
| 29 | .004 | .006 | .008 | BF | .004 | .002 | .007 | .024 | .032 | .043 | .055 | .059 | .057 | .057 | .058 | .062 | .060 | .060 | .056 | .053 | .047 | .036 | .034 | .037 | 23 | .062 | |
| 30 | .035 | .032 | .030 | BF | .020 | .009 | .010 | .028 | .032 | .038 | .041 | .043 | .039 | .030 | .032 | .027 | .026 | .027 | .024 | .022 | .018 | .017 | .016 | .016 | 23 | .043 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .039 | .041 | .039 | | .032 | .031 | .028 | .038 | .044 | .052 | .057 | .066 | .072 | .076 | .070 | .069 | .070 | .067 | .060 | .056 | .050 | .047 | .046 | .041 | | | |
| AVG: | .0203 | .0191 | .0179 | | .0163 | .0146 | .0167 | .0240 | .0300 | .0360 | .0407 | .0448 | .0470 | .0473 | .0469 | .0475 | .0463 | .0442 | .0404 | .0348 | .0300 | .0265 | .0233 | .0214 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0320 MONTHLY MAX: .076

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-077-0001 POC: 1
 COUNTY: (077) Granville
 CITY: (09360) Butner
 SITE ADDRESS: 800 Central Avenue
 SITE COMMENTS: RELOCATION OF 100 FEET DUKE POWER ELECTRIC METER NO 70944804
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.141111
 LONGITUDE: -78.768056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 91
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .017 | .016 | .015 | BF | .013 | .012 | .013 | .014 | .014 | .017 | .019 | .023 | .028 | .030 | .033 | .029 | .027 | .024 | .022 | .023 | .035 | .033 | .030 | .028 | 23 | .035 |
| 2 | .025 | .022 | .020 | BF | .012 | .010 | .012 | .015 | .020 | .029 | .038 | .050 | .056 | .059 | .055 | .046 | .042 | .042 | .040 | .031 | .021 | .015 | .010 | .007 | 23 | .059 |
| 3 | .005 | .011 | .013 | BF | .009 | .008 | .004 | .016 | .022 | .031 | .044 | .047 | .048 | .051 | .057 | .057 | .054 | .052 | .045 | .045 | .038 | .036 | .032 | .031 | 23 | .057 |
| 4 | .027 | .022 | .016 | BF | .005 | .010 | .011 | .015 | .027 | .036 | .039 | .039 | .040 | .040 | .040 | .041 | .043 | .041 | .037 | .029 | .034 | .035 | .035 | .032 | 23 | .043 |
| 5 | .028 | .020 | .015 | BF | .013 | .009 | .007 | .012 | .020 | .029 | .035 | .038 | .040 | .040 | .036 | .037 | .039 | .040 | .035 | .028 | .028 | .039 | .034 | .030 | 23 | .040 |
| 6 | .026 | .023 | .020 | BF | .016 | .014 | .015 | .017 | .022 | .028 | .035 | .036 | .042 | .042 | .043 | .042 | .037 | .035 | .024 | .020 | .027 | .029 | .028 | .029 | 23 | .043 |
| 7 | .027 | .023 | .021 | BF | .017 | .014 | .016 | .021 | .028 | .037 | .044 | .047 | .044 | .045 | .044 | .046 | .052 | .055 | .050 | .041 | .033 | .027 | .024 | .024 | 23 | .055 |
| 8 | .019 | .014 | .013 | BF | .016 | .017 | .020 | .023 | .032 | .040 | .045 | .049 | .052 | .056 | .058 | .049 | .037 | .032 | .037 | .042 | .037 | .037 | .033 | .027 | 23 | .058 |
| 9 | .025 | .020 | .018 | BF | .011 | .011 | .013 | .019 | .029 | .037 | .039 | .039 | .041 | .042 | .042 | .041 | .042 | .039 | .031 | .021 | .010 | .005 | .002 | .001 | 23 | .042 |
| 10 | .002 | .002 | .001 | BF | .001 | .001 | .003 | .008 | .025 | .039 | .050 | .053 | .053 | .049 | .052 | .056 | .056 | .043 | .044 | .038 | .034 | .029 | .023 | .019 | 23 | .056 |
| 11 | .021 | .023 | .020 | BF | .016 | .015 | .017 | .021 | .025 | .034 | .039 | .056 | .058 | .053 | .050 | .051 | .050 | .047 | .039 | .030 | .038 | .037 | .034 | .030 | 23 | .058 |
| 12 | .031 | .027 | .022 | BF | .016 | .015 | .015 | .020 | .031 | .042 | .048 | .043 | .042 | .043 | .046 | .049 | .048 | .042 | .037 | .028 | .026 | .024 | .024 | .025 | 23 | .049 |
| 13 | .025 | .025 | .023 | BF | .017 | .015 | .016 | .023 | .029 | .034 | .039 | .045 | .046 | .047 | .050 | .052 | .050 | .049 | .051 | .044 | .038 | .032 | .023 | .015 | 23 | .052 |
| 14 | .012 | .016 | .015 | BF | .011 | .011 | .013 | .023 | .033 | .039 | .046 | .046 | .046 | .049 | .051 | .050 | .050 | .047 | .043 | .032 | .019 | .022 | .019 | .020 | 23 | .051 |
| 15 | .021 | .022 | .022 | BF | .022 | .018 | .021 | .023 | .029 | .040 | .042 | .044 | .057 | .056 | .053 | .048 | .046 | .044 | .041 | .029 | .021 | .016 | .014 | .022 | 23 | .057 |
| 16 | .031 | .029 | .024 | BF | .017 | .014 | .016 | .019 | .028 | .035 | .038 | .042 | .044 | .043 | .045 | .045 | .044 | .046 | .046 | .043 | .040 | .036 | .039 | .036 | 23 | .046 |
| 17 | .035 | .032 | .031 | BF | .022 | .017 | .017 | .019 | .024 | .029 | .037 | .042 | .047 | .051 | .055 | .054 | .052 | .047 | .045 | .042 | .040 | .033 | .028 | .024 | 23 | .055 |
| 18 | .019 | .017 | .014 | BF | .012 | .014 | .018 | .019 | .021 | .021 | .027 | .038 | .045 | .047 | .045 | .045 | .046 | .042 | .047 | .046 | .039 | .032 | .023 | .020 | 23 | .047 |
| 19 | .015 | .014 | .013 | BF | .005 | .003 | .007 | .017 | .026 | .038 | .048 | .052 | .052 | .054 | .054 | .058 | .057 | .048 | .032 | .025 | .016 | .012 | .006 | 23 | .058 | |
| 20 | .010 | .010 | .009 | BF | .003 | .002 | .008 | .021 | .032 | .045 | .056 | .064 | .063 | .062 | .057 | .052 | .049 | .044 | .032 | .027 | .027 | .026 | .030 | .033 | 23 | .064 |
| 21 | .030 | .026 | .023 | BF | .018 | .012 | .015 | .023 | .031 | .038 | .043 | .046 | .048 | .050 | .048 | .048 | .051 | .049 | .043 | .037 | .033 | .031 | .036 | .036 | 23 | .051 |
| 22 | .035 | .034 | .030 | BF | .027 | .025 | .027 | .030 | .035 | .036 | .044 | .056 | .063 | .052 | .053 | .053 | .053 | .050 | .047 | .046 | .044 | .041 | .040 | .040 | 23 | .063 |
| 23 | .039 | .037 | .035 | BF | .031 | .028 | .027 | .028 | .031 | .037 | .045 | .052 | .055 | .059 | .058 | .055 | .049 | .048 | .048 | .044 | .039 | .034 | .029 | 23 | .059 | |
| 24 | .030 | .023 | .024 | BF | .024 | .023 | .024 | BA | .027 | .029 | .033 | .039 | .045 | .050 | .055 | .057 | .058 | .058 | .057 | .051 | .047 | .038 | .031 | .027 | 22 | .058 |
| 25 | .024 | .018 | .013 | BF | .005 | .004 | .013 | .023 | .036 | .047 | .049 | .058 | .066 | .067 | .057 | .057 | .060 | .059 | .053 | .041 | .029 | .034 | .038 | .038 | 23 | .067 |
| 26 | .041 | .040 | .039 | BF | .038 | .034 | AE | 5 | .041 |
| 27 | AE | AE | AE | AE | AE | AE | AE | .031 | .037 | .044 | .049 | .052 | .052 | .050 | .047 | .048 | .048 | .042 | .045 | .037 | .035 | .025 | .021 | 17 | .052 | |
| 28 | .020 | .019 | .015 | BF | .012 | .012 | .013 | .015 | .023 | .036 | .041 | .043 | .044 | .042 | .037 | .034 | .027 | .030 | .032 | .028 | .021 | .018 | .013 | .013 | 23 | .044 |
| 29 | .010 | .012 | .011 | BF | .011 | .011 | .015 | .028 | .035 | .035 | .038 | .040 | .041 | .044 | .036 | .034 | .038 | .038 | .035 | .037 | .035 | .032 | .031 | .032 | 23 | .044 |
| 30 | .033 | .026 | .020 | BF | .020 | .019 | .020 | .024 | .026 | .031 | .035 | .037 | .037 | .037 | .038 | .038 | .037 | .037 | .035 | .030 | .024 | .020 | .019 | .016 | 23 | .038 |
| 31 | .017 | .010 | .009 | BF | .013 | .011 | .012 | .020 | .023 | .039 | .047 | .048 | .049 | .046 | .047 | .047 | .048 | .050 | .047 | .041 | .035 | .021 | .022 | .015 | 23 | .050 |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .041 | .040 | .039 | | .038 | .034 | .027 | .031 | .037 | .047 | .056 | .064 | .066 | .067 | .059 | .058 | .060 | .059 | .057 | .051 | .047 | .041 | .040 | .040 | | |
| AVG: | .0233 | .0211 | .0188 | | .0151 | .0136 | .0148 | .0202 | .0274 | .0351 | .0411 | .0455 | .0481 | .0485 | .0482 | .0472 | .0466 | .0445 | .0411 | .0358 | .0320 | .0289 | .0262 | .0242 | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0325 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-077-0001 POC: 1
 COUNTY: (077) Granville
 CITY: (09360) Butner
 SITE ADDRESS: 800 Central Avenue
 SITE COMMENTS: RELOCATION OF 100 FEET DUKE POWER ELECTRIC METER NO 70944804
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.141111
 LONGITUDE: -78.768056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 91
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .010 | .005 | .002 | BF | .003 | .003 | .004 | .019 | .031 | .038 | .046 | .053 | .055 | .055 | .054 | .053 | .052 | .053 | .049 | .037 | .027 | .020 | .019 | .012 | 23 | .055 |
| 2 | .007 | .006 | .011 | BF | .003 | .002 | .006 | .010 | .026 | .040 | .055 | .066 | .073 | .071 | .067 | .063 | .052 | .044 | .035 | .026 | .016 | .012 | .005 | .006 | 23 | .073 |
| 3 | .003 | .002 | .001 | BF | .001 | .000 | .001 | .016 | .045 | .058 | .068 | .070 | .073 | .074 | .082 | .072 | .053 | .043 | .029 | .021 | .015 | .008 | .005 | .006 | 23 | .082 |
| 4 | .004 | .005 | .003 | BF | .001 | .001 | .002 | .015 | .034 | .047 | .053 | .054 | .055 | .055 | .056 | .055 | .050 | .048 | .045 | .040 | .036 | .034 | .034 | .032 | 23 | .056 |
| 5 | .033 | .036 | .033 | BF | .027 | .023 | .021 | .020 | .027 | .037 | .042 | .043 | .043 | .044 | .044 | .045 | .045 | .045 | .043 | .036 | .036 | .034 | .031 | .025 | 23 | .045 |
| 6 | .024 | .025 | .025 | BF | .016 | .014 | .018 | .026 | .030 | .034 | .038 | .041 | .042 | .043 | .044 | .045 | .045 | .045 | .043 | .039 | .037 | .035 | .034 | .034 | 23 | .045 |
| 7 | .031 | .028 | .021 | BF | .015 | .016 | .016 | .017 | .017 | .021 | .023 | .023 | .024 | .025 | .026 | .027 | .028 | .026 | .023 | .024 | .020 | .017 | .014 | .012 | 23 | .031 |
| 8 | .013 | .015 | .016 | BF | .015 | .016 | .024 | .025 | .029 | .031 | .033 | .033 | .031 | .032 | .031 | .032 | .030 | .030 | .032 | .031 | .027 | .023 | .022 | .021 | 23 | .033 |
| 9 | .015 | .015 | .015 | BF | .012 | .012 | .012 | .017 | .034 | .046 | .048 | .049 | .050 | .051 | .051 | .051 | .049 | .050 | .045 | .034 | .022 | .015 | .008 | .009 | 23 | .051 |
| 10 | .010 | .013 | .009 | BF | .001 | .003 | .007 | .020 | .038 | .047 | .047 | .047 | .048 | .050 | .051 | .052 | .050 | .051 | .049 | .036 | .025 | .021 | .022 | .015 | 23 | .052 |
| 11 | .024 | .013 | .014 | BF | .005 | .005 | .010 | .024 | .033 | .042 | .048 | .053 | .055 | .056 | .055 | .053 | .063 | .063 | .043 | .029 | .025 | .018 | .013 | .024 | 23 | .063 |
| 12 | .025 | .020 | .024 | BF | .014 | .009 | .006 | .010 | .017 | .022 | .023 | .024 | .024 | .027 | .031 | .031 | .032 | .034 | .027 | .021 | .014 | .013 | .012 | .005 | 23 | .034 |
| 13 | .008 | .010 | .009 | BF | .028 | .023 | .021 | .021 | .021 | .024 | .032 | .036 | .041 | .044 | .042 | .042 | .043 | .041 | .035 | .030 | .021 | .021 | .021 | .021 | 23 | .044 |
| 14 | .019 | .021 | .019 | BF | .017 | .018 | .018 | .019 | .020 | .025 | .023 | .023 | .022 | .022 | .029 | .033 | .033 | .037 | .027 | .017 | .014 | .010 | .008 | .007 | 23 | .037 |
| 15 | .005 | .009 | .009 | BF | .001 | .001 | .001 | .007 | .016 | .028 | .032 | .049 | .042 | .041 | .037 | .041 | .041 | .036 | .031 | .025 | .017 | .010 | .006 | .002 | 23 | .049 |
| 16 | .003 | .002 | .002 | BF | .003 | .005 | .007 | .014 | .022 | .026 | .030 | .035 | .038 | .041 | .045 | .045 | .040 | .043 | .037 | .029 | .025 | .013 | .005 | .003 | 23 | .045 |
| 17 | .002 | .002 | .001 | BF | .000 | .000 | .003 | .012 | .029 | .044 | .048 | .051 | .056 | .057 | .055 | .042 | .040 | .038 | .034 | .027 | .026 | .025 | .022 | .020 | 23 | .057 |
| 18 | .017 | .011 | .010 | BF | .009 | .009 | .009 | .011 | .015 | .026 | .043 | .049 | .044 | .044 | .041 | .038 | .037 | .037 | .031 | .024 | .032 | .038 | .033 | .026 | 23 | .049 |
| 19 | .022 | .020 | .015 | BF | .007 | .005 | .011 | .021 | .030 | .043 | .049 | .049 | .056 | .061 | .050 | .050 | .049 | .046 | .040 | .029 | .021 | .010 | .005 | .002 | 23 | .061 |
| 20 | .001 | .001 | .001 | BF | .002 | .003 | .003 | .015 | .031 | .040 | .044 | .049 | .048 | .049 | .052 | .056 | .054 | .050 | .043 | .039 | .036 | .021 | .014 | .010 | 23 | .056 |
| 21 | .007 | .006 | .005 | BF | .002 | .001 | .005 | .012 | .028 | .042 | .045 | .048 | .053 | .050 | .045 | .048 | .050 | .048 | .041 | .031 | .022 | .012 | .011 | .005 | 23 | .053 |
| 22 | .003 | .001 | .005 | BF | .001 | .000 | .001 | BA | .022 | .035 | .041 | .051 | .049 | .049 | .050 | .052 | .048 | .038 | .034 | .026 | .030 | .030 | .024 | .021 | 22 | .052 |
| 23 | .020 | .018 | .018 | BF | .014 | .012 | .010 | .015 | .025 | .037 | .048 | .051 | .048 | .045 | .037 | .034 | .033 | .037 | .036 | .034 | .036 | .034 | .031 | .026 | 23 | .051 |
| 24 | .025 | .029 | .025 | BF | .018 | .018 | .022 | .026 | .033 | .039 | .042 | .045 | .044 | .047 | .049 | .049 | .049 | .042 | .038 | .035 | .032 | .027 | .028 | .023 | 23 | .049 |
| 25 | .023 | .028 | .026 | BF | .020 | .020 | .024 | .030 | .034 | .042 | .048 | .049 | .048 | .048 | .049 | .049 | .046 | .041 | .036 | .030 | .026 | .028 | .028 | .030 | 23 | .049 |
| 26 | .034 | .030 | .026 | BF | .024 | .027 | .028 | .039 | .044 | .046 | .047 | .046 | .049 | .049 | .049 | .049 | .050 | .047 | .041 | .035 | .035 | .030 | .031 | .031 | 23 | .050 |
| 27 | .026 | .026 | .024 | BF | .025 | .024 | .023 | .031 | .038 | .042 | .046 | .048 | .048 | .048 | .048 | .048 | .049 | .048 | .044 | .038 | .035 | .035 | .033 | .033 | 23 | .049 |
| 28 | .033 | .032 | .031 | BF | .029 | .026 | .026 | .028 | .034 | .039 | .044 | .047 | .047 | .047 | .046 | .044 | .043 | .041 | .037 | .035 | .034 | .033 | .033 | .031 | 23 | .047 |
| 29 | .029 | .029 | .027 | BF | .028 | .029 | .028 | .026 | .024 | .023 | .027 | .025 | .024 | .025 | .027 | .031 | .033 | .028 | .025 | .023 | .024 | .020 | .018 | .018 | 23 | .033 |
| 30 | .020 | .018 | .016 | BF | .006 | .006 | .006 | .008 | .018 | .025 | .030 | .036 | .039 | .040 | .044 | .045 | .046 | .045 | .031 | .022 | .027 | .012 | .012 | .008 | 23 | .046 |
| 31 | .007 | .009 | .008 | BF | .015 | .016 | .016 | .017 | .019 | .029 | .039 | .042 | .043 | .043 | .044 | .043 | .037 | .036 | .033 | .026 | .022 | .019 | .015 | .011 | 23 | .044 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .034 | .036 | .033 | | .029 | .029 | .028 | .039 | .045 | .058 | .068 | .070 | .073 | .074 | .082 | .072 | .063 | .063 | .049 | .040 | .037 | .038 | .034 | .034 | | |
| AVG: | .0162 | .0156 | .0145 | | .0117 | .0112 | .0125 | .0190 | .0279 | .0361 | .0414 | .0447 | .0455 | .0462 | .0462 | .0457 | .0442 | .0423 | .0367 | .0300 | .0263 | .0219 | .0193 | .0171 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0292 MONTHLY MAX: .082

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-077-0001 POC: 1
 COUNTY: (077) Granville
 CITY: (09360) Butner
 SITE ADDRESS: 800 Central Avenue
 SITE COMMENTS: RELOCATION OF 100 FEET DUKE POWER ELECTRIC METER NO 70944804
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.141111
 LONGITUDE: -78.768056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 91
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .009 | .008 | .012 | BF | .006 | .002 | .002 | .006 | .008 | .012 | .018 | .022 | .020 | .023 | .023 | .024 | .022 | .022 | .021 | .021 | .022 | .022 | .020 | .021 | 23 | .024 | |
| 2 | .021 | .019 | .019 | BF | .021 | .022 | .021 | .019 | .017 | .014 | .014 | .014 | .015 | .019 | .031 | .037 | .032 | .019 | .011 | .012 | .010 | .010 | .010 | .009 | 23 | .037 | |
| 3 | .009 | .010 | .011 | BF | .010 | .013 | .011 | .012 | .017 | .023 | .028 | .031 | .034 | .037 | .040 | .042 | .043 | .039 | .030 | .022 | .015 | .009 | .007 | .003 | 23 | .043 | |
| 4 | .002 | .003 | .003 | BF | .001 | .001 | .001 | .005 | .017 | .027 | .041 | .046 | .051 | .056 | .052 | .051 | .049 | .048 | .044 | .035 | .022 | .024 | .020 | .015 | 23 | .056 | |
| 5 | .008 | .009 | .007 | BF | .012 | .012 | .013 | .017 | .025 | .036 | .038 | .048 | .047 | .046 | .045 | .047 | .046 | .043 | .039 | .030 | .032 | .036 | .038 | .036 | 23 | .048 | |
| 6 | .032 | .031 | .029 | BF | .027 | .026 | .024 | .024 | .025 | .032 | .041 | .047 | .042 | .029 | .025 | .024 | .021 | .018 | .016 | .015 | .014 | .014 | .015 | .016 | 23 | .047 | |
| 7 | .016 | .014 | .010 | BF | .010 | .014 | .015 | BA | AO | 6 | .016 | |
| 8 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AY | AY | .038 | .040 | .042 | .043 | .042 | .039 | .034 | .022 | .015 | .009 | .005 | .004 | 12 | .043 | | |
| 9 | .006 | .005 | .007 | BF | .013 | .010 | .013 | .017 | .026 | .036 | .040 | .042 | .043 | .041 | .042 | .042 | .042 | .041 | .038 | .033 | .030 | .028 | .025 | .024 | 23 | .043 | |
| 10 | .024 | .025 | .024 | BF | .023 | .021 | .019 | .019 | .019 | .021 | .025 | .026 | .027 | .028 | .028 | .027 | .029 | .030 | .028 | .026 | .025 | .023 | .021 | .020 | 23 | .030 | |
| 11 | .020 | .019 | .019 | BF | .022 | .023 | .022 | .023 | .024 | .024 | .024 | .024 | .024 | .024 | .025 | .028 | .028 | .027 | .027 | .028 | .028 | .029 | .030 | .031 | 23 | .031 | |
| 12 | .031 | .030 | .029 | BF | .025 | .022 | .021 | .020 | .020 | .021 | .021 | .021 | .021 | .020 | .018 | .016 | .017 | .017 | .015 | .014 | .013 | .012 | .010 | 23 | .031 | | |
| 13 | .010 | .010 | .008 | BF | .005 | .004 | .004 | .008 | .015 | .023 | .032 | .037 | .037 | .042 | .044 | .045 | .040 | .037 | .032 | .025 | .022 | .019 | .018 | .010 | 23 | .045 | |
| 14 | .008 | .016 | .019 | BF | .015 | .013 | .012 | .012 | .015 | .021 | .030 | .042 | .046 | .048 | .050 | .049 | .049 | .048 | .044 | .033 | .017 | .012 | .007 | .003 | 23 | .050 | |
| 15 | .001 | .003 | .009 | BF | .013 | .006 | .003 | .013 | .020 | .027 | .033 | .036 | .038 | .036 | .037 | .037 | .036 | .030 | .019 | .015 | .014 | .010 | .006 | 23 | .038 | | |
| 16 | .006 | .007 | .006 | BF | .007 | .005 | .006 | .013 | .024 | .041 | .042 | .043 | .041 | .040 | .037 | .040 | .040 | .038 | .031 | .020 | .015 | .025 | .030 | .024 | 23 | .043 | |
| 17 | .016 | .014 | .010 | BF | .011 | .010 | .010 | .017 | .023 | .025 | .032 | .036 | .036 | .038 | .038 | .038 | .038 | .036 | .033 | .026 | .019 | .013 | .013 | .011 | 23 | .038 | |
| 18 | .011 | .011 | .012 | BF | .012 | .012 | .012 | .015 | .027 | .035 | .037 | .041 | .043 | .043 | .042 | .041 | .043 | .042 | .037 | .032 | .027 | .025 | .022 | .019 | 23 | .043 | |
| 19 | .016 | .016 | .016 | BF | .016 | .015 | .012 | .015 | .019 | .024 | .029 | .032 | .030 | .035 | .042 | .044 | .044 | .044 | .038 | .029 | .020 | .013 | .007 | .006 | 23 | .044 | |
| 20 | .007 | .003 | .002 | BF | .001 | .000 | .001 | .006 | .023 | .031 | .041 | .047 | .048 | .048 | .048 | .051 | .054 | .051 | .041 | .032 | .028 | .024 | .018 | .010 | 23 | .054 | |
| 21 | .011 | .012 | .015 | BF | .011 | .010 | .009 | .016 | .025 | .037 | .044 | .044 | .049 | .047 | .036 | .033 | .021 | .013 | .010 | .005 | .002 | .001 | .001 | .001 | 23 | .049 | |
| 22 | .001 | .000 | .000 | BF | .004 | .002 | .001 | .007 | .018 | .033 | .045 | .053 | .052 | .052 | .055 | .054 | .054 | .049 | .036 | .027 | .018 | .013 | .012 | .007 | 23 | .055 | |
| 23 | .007 | .003 | .002 | BF | .002 | .001 | .006 | .015 | .026 | .043 | .049 | .053 | .053 | .051 | .052 | .053 | .053 | .051 | .040 | .034 | .029 | .026 | .025 | .019 | 23 | .053 | |
| 24 | .024 | .023 | .018 | BF | .017 | .018 | .015 | .017 | .025 | .035 | .044 | .049 | .050 | .053 | .056 | .055 | .052 | .050 | .037 | .032 | .034 | .032 | .031 | .027 | 23 | .056 | |
| 25 | .029 | .031 | .030 | BF | .023 | .021 | .025 | .026 | .032 | .034 | .036 | .038 | .039 | .040 | .036 | .035 | .035 | .034 | .032 | .029 | .025 | .022 | .023 | .024 | 23 | .040 | |
| 26 | .023 | .021 | .019 | BF | .016 | .015 | .013 | .014 | .014 | .015 | .016 | .018 | .020 | .020 | .022 | .021 | .022 | .022 | .022 | .021 | .022 | .021 | .019 | .017 | 23 | .023 | |
| 27 | .015 | .014 | .013 | BF | .014 | .017 | .020 | .024 | .026 | .028 | .034 | .037 | .034 | .036 | .039 | .038 | .036 | .033 | .029 | .025 | .018 | .021 | .022 | .023 | 23 | .039 | |
| 28 | .028 | .025 | .019 | BF | .025 | .031 | .034 | .032 | .036 | .049 | .065 | .070 | .078 | .073 | .067 | .066 | .065 | .060 | .052 | .047 | .043 | .045 | .044 | .042 | 23 | .078 | |
| 29 | .041 | .040 | .039 | BF | .036 | .035 | .032 | .032 | .030 | .029 | .033 | .038 | .040 | .040 | .041 | .040 | .041 | .038 | .035 | .030 | .023 | .016 | .010 | .005 | 23 | .041 | |
| 30 | .005 | .005 | .004 | BF | .007 | .011 | .018 | .026 | .032 | .036 | .039 | .043 | .043 | .045 | .042 | .042 | .040 | .037 | .034 | .032 | .032 | .031 | .029 | .027 | 23 | .045 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 29 | 29 | 29 | | 29 | 29 | 29 | 28 | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | | | |
| MAX: | .041 | .040 | .039 | | .036 | .035 | .034 | .032 | .036 | .049 | .065 | .070 | .078 | .073 | .067 | .066 | .065 | .060 | .052 | .047 | .043 | .045 | .044 | .042 | | | |
| AVG: | .0151 | .0147 | .0142 | | .0140 | .0135 | .0136 | .0168 | .0224 | .0290 | .0347 | .0385 | .0393 | .0397 | .0399 | .0402 | .0391 | .0366 | .0317 | .0261 | .0219 | .0203 | .0188 | .0162 | | | |

MONTHLY OBSERVATIONS: 662 MONTHLY MEAN: .0259 MONTHLY MAX: .078

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-077-0001 POC: 1
 COUNTY: (077) Granville
 CITY: (09360) Butner
 SITE ADDRESS: 800 Central Avenue
 SITE COMMENTS: RELOCATION OF 100 FEET DUKE POWER ELECTRIC METER NO 70944804
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.141111
 LONGITUDE: -78.768056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 91
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .026 | .022 | .019 | BF | .020 | .019 | .019 | .021 | .024 | .028 | .033 | .037 | .038 | .040 | .041 | .041 | .041 | .039 | .033 | .029 | .024 | .024 | .025 | .024 | 23 | .041 |
| 2 | .021 | .017 | .015 | BF | .009 | .007 | .003 | .009 | .024 | .034 | .039 | .041 | .043 | .045 | .047 | .048 | .045 | .041 | .031 | .027 | .023 | .021 | .022 | .017 | 23 | .048 |
| 3 | .019 | .018 | .015 | BF | .012 | .014 | .012 | .019 | .029 | .042 | .047 | .049 | .050 | .050 | .049 | .049 | .050 | .047 | .039 | .033 | .027 | .028 | .030 | .028 | 23 | .050 |
| 4 | .027 | .024 | .016 | BF | .011 | .011 | .015 | .017 | .020 | .025 | .033 | .040 | .047 | .051 | .052 | .053 | .056 | .054 | .038 | .035 | .024 | .021 | .018 | .017 | 23 | .056 |
| 5 | .014 | .009 | .005 | BF | .003 | .001 | .001 | .004 | .022 | .034 | .041 | .052 | .055 | .058 | .064 | .060 | .056 | .050 | .031 | .032 | .028 | .022 | .016 | .008 | 23 | .064 |
| 6 | .006 | .006 | .002 | BF | .001 | .000 | BA | BA | .018 | .026 | .036 | .045 | .049 | .054 | .059 | .059 | .061 | .057 | .045 | .033 | .030 | .022 | .019 | .015 | 21 | .061 |
| 7 | .011 | .008 | .005 | BF | .002 | .002 | .003 | .007 | .014 | .025 | .026 | .029 | .033 | .033 | .033 | .031 | .021 | .019 | .017 | .013 | .012 | .013 | .012 | .012 | 23 | .033 |
| 8 | .011 | .011 | .011 | BF | .008 | .006 | .005 | .007 | .013 | .018 | .022 | .024 | .022 | .020 | .020 | .018 | .016 | .014 | .012 | .012 | .012 | .013 | .013 | .014 | 23 | .024 |
| 9 | .013 | .013 | .014 | BF | .014 | .012 | .010 | .010 | .012 | .015 | .022 | .024 | .025 | .026 | .026 | .025 | .023 | .019 | .014 | .010 | .007 | .007 | .006 | .006 | 23 | .026 |
| 10 | .007 | .009 | .009 | BF | .010 | .008 | .007 | .007 | .010 | .016 | .020 | .024 | .026 | .030 | .028 | .024 | .026 | .021 | .012 | .008 | .007 | .010 | .012 | .009 | 23 | .030 |
| 11 | .011 | .012 | .010 | BF | .011 | .010 | .010 | .010 | .012 | .018 | .021 | .031 | .039 | .040 | .042 | .039 | .031 | .021 | .016 | .012 | .012 | .012 | .011 | .009 | 23 | .042 |
| 12 | .006 | .004 | .004 | BF | .001 | .001 | .002 | .008 | .012 | .015 | .022 | .027 | .029 | .032 | .031 | .031 | .030 | .028 | .022 | .024 | .024 | .023 | .024 | .025 | 23 | .032 |
| 13 | .026 | .028 | .024 | BF | .020 | .019 | .019 | .021 | .019 | .021 | .024 | .026 | .025 | .025 | .025 | .025 | .027 | .024 | .020 | .017 | .015 | .015 | .014 | .013 | 23 | .028 |
| 14 | .014 | .017 | .019 | BF | .025 | .026 | .024 | .024 | .025 | .025 | .024 | .027 | .031 | .031 | .033 | .034 | .035 | .031 | .019 | .013 | .009 | .005 | .003 | .005 | 23 | .035 |
| 15 | .004 | .012 | .016 | BF | .015 | .014 | .016 | .015 | .016 | .020 | .024 | .032 | .037 | .037 | .037 | .036 | .034 | .034 | .032 | .028 | .029 | .028 | .028 | .026 | 23 | .037 |
| 16 | .024 | .021 | .020 | BF | .017 | .015 | .023 | .024 | .025 | .021 | .020 | .019 | .020 | .021 | .026 | .030 | .031 | .029 | .026 | .024 | .022 | .023 | .025 | .026 | 23 | .031 |
| 17 | .024 | .019 | .021 | BF | .019 | .019 | .016 | .018 | .025 | .030 | .034 | .035 | .036 | .037 | .038 | .038 | .038 | .033 | .023 | .019 | .015 | .011 | .008 | .006 | 23 | .038 |
| 18 | .007 | .006 | .007 | BF | .007 | .006 | .006 | .009 | .022 | .031 | .036 | .039 | .041 | .044 | .044 | .043 | .041 | .030 | .024 | .021 | .016 | .012 | .010 | .011 | 23 | .044 |
| 19 | .010 | .007 | .006 | BF | .005 | .002 | .001 | .004 | .020 | .033 | .041 | .043 | .045 | .050 | .052 | .056 | .055 | .047 | .031 | .025 | .025 | .020 | .015 | .014 | 23 | .056 |
| 20 | .007 | .005 | .006 | BF | .001 | .000 | .001 | .002 | .019 | .039 | .049 | .056 | .056 | .058 | .058 | .058 | .056 | .044 | .032 | .031 | .026 | .020 | .016 | .011 | 23 | .058 |
| 21 | .014 | .009 | .007 | BF | .008 | .007 | .012 | .019 | .028 | .037 | .056 | .062 | .062 | .062 | .062 | .060 | .057 | .047 | .038 | .025 | .022 | .027 | .017 | .013 | 23 | .062 |
| 22 | .010 | .007 | .006 | BF | .006 | .006 | .004 | .004 | .019 | .046 | .053 | .054 | .055 | .058 | .060 | .058 | .055 | .048 | .035 | .027 | .024 | .032 | .033 | .032 | 23 | .060 |
| 23 | .029 | .024 | .021 | BF | .013 | .018 | .015 | .018 | .025 | .027 | .028 | .032 | .041 | .043 | .042 | .043 | .041 | .038 | .035 | .032 | .028 | .029 | .038 | .034 | 23 | .043 |
| 24 | .032 | .031 | .027 | BF | .021 | .015 | .008 | .019 | .023 | .025 | .023 | .029 | .031 | .036 | .037 | .038 | .038 | .029 | .018 | .009 | .006 | .006 | .009 | .009 | 23 | .038 |
| 25 | .023 | .023 | .024 | BF | .014 | .013 | .012 | .012 | .026 | .034 | .038 | .040 | .041 | .042 | .043 | .043 | .041 | .035 | .028 | .030 | .029 | .027 | .025 | .024 | 23 | .043 |
| 26 | .023 | .022 | .023 | BF | .022 | .021 | .020 | .023 | .026 | .028 | .032 | .035 | .039 | .040 | .041 | .042 | .041 | .035 | .029 | .018 | .011 | .011 | .008 | .005 | 23 | .042 |
| 27 | .003 | .001 | .001 | BF | .000 | .000 | .001 | .002 | .010 | .019 | .031 | .044 | .051 | .054 | .054 | .056 | .055 | .051 | .045 | .040 | .037 | .036 | .035 | .032 | 23 | .056 |
| 28 | .026 | .019 | .014 | BF | .005 | .003 | .002 | .005 | .020 | .035 | .042 | .044 | .045 | .047 | .046 | .046 | .042 | .038 | .034 | .029 | .023 | .026 | .029 | .034 | 23 | .047 |
| 29 | .030 | .029 | .029 | BF | .025 | .020 | .022 | .023 | .025 | .026 | .025 | .023 | .023 | .022 | .018 | .018 | .018 | .018 | .019 | .019 | .019 | .020 | .020 | .020 | 23 | .030 |
| 30 | .022 | .022 | .021 | BF | .022 | .022 | .021 | .021 | .026 | .030 | .031 | .033 | .035 | .036 | .037 | .037 | .036 | .031 | .021 | .014 | .009 | .007 | .014 | .007 | 23 | .037 |
| 31 | .004 | .006 | .004 | BF | .002 | .001 | .000 | .002 | .014 | .020 | .029 | .037 | .043 | .046 | .050 | .051 | .048 | .031 | .022 | .011 | .007 | .009 | .006 | .006 | 23 | .051 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .032 | .031 | .029 | | .025 | .026 | .024 | .024 | .029 | .046 | .056 | .062 | .062 | .062 | .064 | .060 | .061 | .057 | .045 | .040 | .037 | .036 | .038 | .034 | | |
| AVG: | .0163 | .0149 | .0136 | | .0113 | .0103 | .0103 | .0128 | .0201 | .0272 | .0323 | .0365 | .0392 | .0409 | .0418 | .0416 | .0402 | .0349 | .0271 | .0226 | .0194 | .0187 | .0181 | .0165 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0247 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-077-0001 POC: 1
 COUNTY: (077) Granville
 CITY: (09360) Butner
 SITE ADDRESS: 800 Central Avenue
 SITE COMMENTS: RELOCATION OF 100 FEET DUKE POWER ELECTRIC METER NO 70944804
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.141111
 LONGITUDE: -78.768056
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 91
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .006 | .014 | .012 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .014 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .006 | .014 | .012 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0060 | .0140 | .0120 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0107 MONTHLY MAX: .014

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-081-0013 POC: 1
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .032 | .028 | .025 | BF | .025 | .026 | .024 | .021 | .024 | .027 | .027 | .030 | .032 | .032 | .032 | .033 | .033 | .030 | .032 | .028 | .026 | .030 | .028 | .028 | 23 | .033 |
| 2 | .026 | .038 | .043 | BF | .041 | .039 | .035 | .036 | .037 | .040 | .042 | .043 | .044 | .045 | .046 | .047 | .047 | .047 | .043 | .030 | .007 | .003 | .003 | .013 | 23 | .047 |
| 3 | .016 | .015 | .008 | BF | .003 | .000 | .002 | .005 | .028 | .041 | .043 | .045 | .045 | .046 | .046 | .045 | .045 | .044 | .044 | .043 | .042 | .038 | .036 | .032 | 23 | .046 |
| 4 | .022 | .011 | .009 | BF | .005 | .001 | .001 | AE | .028 | .040 | .040 | .041 | .045 | .047 | .048 | .049 | .048 | .048 | .043 | .032 | .013 | .004 | .002 | .001 | 22 | .049 |
| 5 | .001 | .001 | .001 | BF | .034 | .034 | .032 | .031 | .036 | .039 | .040 | .042 | .045 | .046 | .047 | .049 | .051 | .050 | .044 | .036 | .020 | .014 | .013 | .033 | 23 | .051 |
| 6 | .040 | .040 | .037 | BF | .009 | .003 | .007 | .008 | .023 | .037 | .040 | .047 | .050 | .050 | .053 | .054 | .050 | .047 | .045 | .037 | .031 | .030 | .034 | .040 | 23 | .054 |
| 7 | .045 | .046 | .045 | BF | .041 | .037 | .037 | .035 | .037 | .040 | .043 | .046 | .049 | .050 | .050 | .051 | .051 | .049 | .046 | .044 | .043 | .043 | .042 | .042 | 23 | .051 |
| 8 | .040 | .038 | .037 | BF | .036 | .039 | .037 | .036 | .042 | .045 | .044 | .048 | .049 | .051 | .052 | .053 | .054 | .053 | .048 | .026 | .016 | .023 | .028 | .028 | 23 | .054 |
| 9 | .032 | .028 | .021 | BF | .006 | .008 | .003 | .003 | .018 | .037 | .050 | .052 | .054 | .055 | .056 | .056 | .055 | .057 | .051 | .046 | .027 | .023 | .029 | .025 | 23 | .057 |
| 10 | .020 | .013 | .032 | BF | .042 | .040 | .038 | .032 | .032 | .042 | .045 | .044 | .046 | .049 | .048 | .048 | .047 | .047 | .046 | .041 | .041 | .046 | .045 | .044 | 23 | .049 |
| 11 | .043 | .040 | .027 | BF | .039 | .040 | .040 | .039 | .039 | .040 | .040 | .041 | .042 | .046 | .047 | .048 | .049 | .048 | .041 | .031 | .029 | .028 | .038 | .039 | 23 | .049 |
| 12 | .040 | .038 | .038 | BF | .040 | .040 | .042 | .042 | .042 | .042 | .043 | .044 | .045 | .046 | .047 | .048 | .049 | .048 | .043 | .040 | .040 | .042 | .042 | .041 | 23 | .049 |
| 13 | .039 | .032 | .024 | BF | .008 | .012 | .022 | .029 | .037 | .041 | .044 | .046 | .046 | .043 | .042 | .042 | .039 | .038 | .035 | .035 | .036 | .036 | .036 | .038 | 23 | .046 |
| 14 | .038 | .037 | .036 | BF | .035 | .034 | .032 | .029 | .028 | .029 | .032 | .037 | .036 | .038 | .039 | .042 | .041 | .039 | .036 | .036 | .039 | .040 | .033 | AE | 22 | .042 |
| 15 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | .046 | .047 | .047 | .046 | .045 | .044 | .043 | .041 | .040 | .039 | .038 | 11 | .047 |
| 16 | .038 | .035 | AE | AE | .031 | AE | AE | AE | .037 | .041 | .043 | .045 | .047 | .049 | .050 | .051 | .051 | .051 | .048 | .039 | .022 | .014 | .006 | .011 | 19 | .051 |
| 17 | .007 | .005 | .003 | BF | .001 | .001 | AE | .005 | .017 | .034 | .042 | .047 | .049 | .051 | .053 | .053 | .054 | .053 | .049 | .047 | .047 | .044 | .042 | .033 | 22 | .054 |
| 18 | .029 | .033 | .032 | BF | .032 | .037 | .038 | .037 | .036 | .039 | .042 | .045 | .048 | .050 | .051 | .051 | .049 | .048 | .041 | .042 | .041 | .036 | .036 | .036 | 23 | .051 |
| 19 | .035 | .032 | .030 | BF | .023 | .022 | .020 | .023 | .025 | .028 | .032 | .033 | .035 | .037 | .039 | .040 | .041 | .041 | .039 | .037 | .036 | .034 | .032 | .029 | 23 | .041 |
| 20 | .023 | .013 | .007 | BF | .002 | .001 | .001 | .005 | .026 | .029 | .036 | .039 | .041 | .043 | .047 | .049 | .050 | .049 | .045 | .036 | .030 | .033 | .038 | .041 | 23 | .050 |
| 21 | .043 | .041 | .036 | BF | .033 | .029 | .030 | .029 | .031 | .040 | .047 | .053 | .054 | .055 | .056 | .055 | .054 | .053 | .050 | .047 | .046 | .047 | .047 | .045 | 23 | .056 |
| 22 | .043 | .043 | .043 | BF | .040 | .039 | .041 | .042 | .043 | .044 | BA | BA | BA | .050 | .054 | .057 | .056 | .054 | .051 | .048 | .046 | .046 | .045 | .042 | 20 | .057 |
| 23 | .041 | .038 | .035 | BF | .039 | .036 | .031 | .039 | .044 | .047 | .048 | .049 | .050 | .051 | .053 | .054 | .056 | .055 | .052 | .048 | .049 | .047 | .046 | .045 | 23 | .056 |
| 24 | .045 | .044 | .043 | BF | .041 | .038 | .028 | .033 | .039 | .040 | .043 | .047 | .049 | .052 | .054 | .055 | .057 | .054 | .050 | .045 | .044 | .036 | .037 | .038 | 23 | .057 |
| 25 | .042 | .042 | .042 | BF | .038 | .036 | .031 | .031 | .038 | .044 | .047 | .050 | .051 | .052 | .055 | .054 | .051 | .049 | .046 | .041 | .034 | .035 | .037 | .040 | 23 | .055 |
| 26 | .040 | .040 | .039 | BF | .038 | .035 | .027 | .021 | .034 | .041 | .044 | .046 | .046 | .046 | .046 | .045 | .041 | .032 | .028 | .024 | .020 | .018 | .024 | .038 | 23 | .046 |
| 27 | .039 | .037 | .035 | BF | .033 | .033 | .030 | .028 | .034 | .036 | .036 | .039 | .041 | .045 | .049 | .050 | .049 | .048 | .046 | .040 | .031 | .034 | .035 | .036 | 23 | .050 |
| 28 | .036 | .034 | .040 | BF | .037 | .037 | .039 | .039 | .040 | .043 | .046 | .048 | .053 | .055 | .056 | .054 | .054 | .054 | .052 | .046 | .042 | .043 | .041 | .046 | 23 | .056 |
| 29 | .044 | .046 | .043 | BF | .036 | .029 | .025 | .036 | .042 | .042 | .044 | .046 | .048 | .051 | .054 | .058 | .060 | .060 | .054 | .044 | .044 | .041 | .045 | .042 | 23 | .060 |
| 30 | .040 | .039 | .036 | BF | .035 | .035 | .032 | .033 | .036 | .038 | .040 | .042 | .046 | .048 | .048 | .048 | .048 | .048 | .047 | .045 | .042 | .040 | .040 | .044 | 23 | .048 |
| 31 | .045 | .045 | .044 | BF | .039 | .037 | .034 | .034 | .035 | .043 | .043 | .046 | .049 | .051 | .051 | .042 | .039 | .039 | .039 | .035 | .034 | .032 | .029 | .025 | 23 | .051 |
| NO.: | 30 | 30 | 29 | | 30 | 29 | 28 | 28 | 30 | 30 | 29 | 29 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | | |
| MAX: | .045 | .046 | .045 | | .042 | .040 | .042 | .042 | .044 | .047 | .050 | .053 | .054 | .055 | .056 | .058 | .060 | .060 | .054 | .048 | .049 | .047 | .047 | .046 | | |
| AVG: | .0341 | .0324 | .0307 | | .0287 | .0275 | .0271 | .0279 | .0336 | .0390 | .0416 | .0442 | .0460 | .0476 | .0489 | .0493 | .0489 | .0478 | .0445 | .0393 | .0343 | .0328 | .0333 | .0344 | | |

MONTHLY OBSERVATIONS: 691 MONTHLY MEAN: .0381 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-081-0013 POC: 1
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .023 | .024 | .024 | BF | .025 | .026 | .028 | .030 | .032 | .035 | .038 | .040 | .044 | .045 | .047 | .047 | .045 | .043 | .042 | .039 | .035 | .033 | .034 | .035 | 23 | .047 | |
| 2 | .034 | .033 | .032 | BF | .027 | .027 | .027 | .027 | .032 | .033 | .036 | .038 | .040 | .043 | .046 | .049 | .048 | .047 | .044 | .038 | .034 | .037 | .039 | .038 | 23 | .049 | |
| 3 | .041 | .038 | .037 | BF | .034 | .034 | .035 | .035 | .038 | .039 | .039 | .043 | .046 | .048 | .049 | .040 | .041 | .038 | .035 | .036 | .035 | .036 | .035 | .035 | 23 | .049 | |
| 4 | .036 | .036 | .035 | BF | .032 | .030 | .028 | .025 | .030 | .037 | .044 | .049 | .051 | .052 | .054 | .055 | .055 | .056 | .054 | .048 | .038 | .026 | .018 | .016 | 23 | .056 | |
| 5 | .011 | .009 | .010 | BF | .004 | .003 | .005 | .009 | .030 | .044 | .043 | .047 | .047 | .046 | .043 | .038 | .045 | .043 | .040 | .039 | .040 | .044 | .041 | .039 | 23 | .047 | |
| 6 | .035 | .032 | .031 | BF | .027 | .028 | .032 | .030 | .035 | .037 | .035 | .034 | .037 | .037 | .037 | .037 | .037 | .037 | .036 | .037 | .037 | .036 | .038 | .038 | 23 | .038 | |
| 7 | .039 | .039 | .040 | BF | .040 | .041 | .041 | .041 | .041 | .041 | .042 | .044 | .044 | .045 | .045 | .046 | .043 | .042 | .043 | .041 | .039 | .035 | .030 | .029 | 23 | .046 | |
| 8 | .022 | .017 | .010 | BF | .010 | .006 | .007 | .013 | .040 | .047 | .050 | .048 | .054 | .055 | .056 | .058 | .059 | .058 | .055 | .041 | .025 | .016 | .010 | .010 | 23 | .059 | |
| 9 | .009 | .010 | .011 | BF | .006 | .008 | .009 | .027 | .044 | .050 | .056 | .060 | .062 | .064 | .065 | .065 | .064 | .065 | .060 | .057 | .050 | .047 | .052 | .051 | 23 | .065 | |
| 10 | .051 | .051 | .051 | BF | .047 | .043 | .041 | .042 | .048 | .055 | .057 | .059 | .061 | .063 | .062 | .062 | .062 | .061 | .061 | .058 | .053 | .049 | .038 | .031 | .032 | 23 | .063 |
| 11 | .044 | .042 | .042 | BF | .039 | .037 | .034 | .037 | .043 | .046 | .051 | .055 | .061 | .065 | .066 | .066 | .063 | .062 | .057 | .052 | .048 | .044 | .039 | .043 | 23 | .066 | |
| 12 | .044 | .043 | .041 | BF | .032 | .027 | .023 | .027 | .030 | .035 | .046 | .054 | .057 | .061 | .063 | .063 | .063 | .063 | .058 | .051 | .037 | .023 | .018 | .019 | .026 | 23 | .063 |
| 13 | .027 | .025 | .029 | BF | .036 | .037 | .036 | .039 | .042 | .049 | .052 | .056 | .061 | .066 | .066 | .065 | .065 | .064 | .058 | .051 | .049 | .040 | .049 | .049 | 23 | .066 | |
| 14 | .046 | .046 | .045 | BF | .043 | .037 | .040 | .042 | .046 | .047 | .049 | .053 | .057 | .061 | .065 | .061 | .062 | .057 | .051 | .042 | .030 | .021 | .020 | .016 | 23 | .065 | |
| 15 | .027 | .037 | .038 | BF | .036 | .032 | .027 | .034 | .041 | .047 | .050 | .053 | .056 | .057 | .059 | .058 | .056 | .055 | .056 | .052 | .050 | .048 | .048 | .047 | 23 | .059 | |
| 16 | .046 | .047 | .047 | BF | .045 | .045 | .045 | .046 | .046 | .049 | .051 | .053 | .054 | .054 | .054 | .054 | .055 | .055 | .054 | .049 | .046 | .042 | .041 | .039 | 23 | .055 | |
| 17 | .042 | .042 | .042 | BF | .037 | .033 | .032 | .033 | .038 | .043 | .050 | .053 | .054 | .055 | .053 | .043 | .041 | .036 | .036 | .032 | .028 | .029 | .032 | .036 | 23 | .055 | |
| 18 | .034 | .031 | .027 | BF | .019 | .019 | .021 | .019 | .026 | .034 | .041 | BA | BA | .044 | .047 | .048 | .046 | .044 | .041 | .042 | .042 | .040 | .044 | .044 | 21 | .048 | |
| 19 | .045 | .042 | .041 | BF | .041 | .040 | .039 | .039 | .036 | .033 | .030 | .029 | .027 | .027 | .028 | .026 | .025 | .021 | .017 | .018 | .020 | .018 | .021 | .026 | 23 | .045 | |
| 20 | .024 | .024 | .021 | BF | .022 | .020 | .019 | .020 | .022 | .025 | .030 | .035 | .043 | .050 | .055 | .057 | .053 | .049 | .047 | .049 | .041 | .032 | .028 | .026 | 23 | .057 | |
| 21 | .025 | .022 | .020 | BF | .016 | .011 | .010 | .021 | .029 | .036 | .043 | .047 | .048 | .051 | .050 | .046 | .045 | .040 | .034 | .025 | .025 | .021 | .012 | .009 | 23 | .051 | |
| 22 | .028 | .019 | .020 | BF | .024 | .020 | .015 | .019 | .025 | .032 | .043 | .048 | .048 | .046 | .048 | .046 | .039 | .037 | .031 | .027 | .028 | .029 | .033 | .040 | 23 | .048 | |
| 23 | .040 | .035 | .029 | BF | .026 | .026 | .025 | .024 | .024 | .022 | .021 | .021 | .020 | .018 | .017 | .016 | .021 | .022 | .023 | .022 | .021 | .022 | .023 | .025 | 23 | .040 | |
| 24 | .023 | .020 | .022 | BF | .023 | .023 | .022 | .025 | .027 | .027 | .026 | .024 | .024 | .026 | .024 | .023 | .023 | .023 | .021 | .021 | .023 | .024 | .024 | .025 | 23 | .027 | |
| 25 | .026 | .027 | .028 | BF | .026 | .026 | .026 | .026 | .027 | .027 | .027 | .029 | .030 | .031 | .031 | .030 | .028 | .027 | .025 | .021 | .016 | .012 | .007 | .002 | 23 | .031 | |
| 26 | .001 | .001 | .002 | BF | .003 | .001 | .001 | .002 | .008 | .019 | .030 | .040 | .044 | .050 | .052 | .051 | .049 | .048 | .048 | .037 | .022 | .009 | .006 | .008 | 23 | .052 | |
| 27 | .010 | .035 | .034 | BF | .033 | .032 | .032 | .036 | .038 | .044 | .051 | .056 | .060 | .056 | .052 | .049 | .045 | .041 | .038 | .036 | .033 | .027 | .017 | .011 | 23 | .060 | |
| 28 | .014 | .022 | .022 | BF | .014 | .009 | .006 | .013 | .021 | .031 | .039 | .050 | .055 | .050 | .045 | .045 | .044 | .043 | .041 | .038 | .033 | .029 | .025 | .030 | 23 | .055 | |
| 29 | .029 | .027 | .029 | BF | .028 | .028 | .025 | .024 | .024 | .026 | .029 | .034 | .034 | .034 | .033 | .033 | .036 | .040 | .036 | .031 | .029 | .028 | .028 | .027 | 23 | .040 | |
| 30 | .023 | .020 | .018 | BF | .019 | .020 | .020 | .022 | .024 | .025 | .026 | .028 | .029 | .030 | .030 | .028 | .028 | .027 | .025 | .023 | .022 | .022 | .020 | .020 | 23 | .030 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .051 | .051 | .051 | | .047 | .045 | .045 | .046 | .048 | .055 | .057 | .060 | .062 | .066 | .066 | .066 | .065 | .065 | .060 | .057 | .050 | .048 | .052 | .051 | | | |
| AVG: | .0300 | .0299 | .0293 | | .0271 | .0256 | .0250 | .0276 | .0329 | .0372 | .0408 | .0441 | .0465 | .0477 | .0481 | .0469 | .0462 | .0446 | .0419 | .0378 | .0337 | .0301 | .0288 | .0291 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0361 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-081-0013 POC: 1
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .021 | .022 | .023 | BF | .023 | .023 | .023 | .023 | .023 | .023 | .023 | .024 | .025 | .027 | .028 | .028 | .029 | .030 | .028 | .029 | .027 | .026 | .028 | .030 | 23 | .030 |
| 2 | .029 | .027 | .027 | BF | .034 | .038 | .038 | .043 | .048 | .051 | .052 | .052 | .052 | .053 | .053 | .055 | .055 | .055 | .055 | .049 | .040 | .031 | .025 | .025 | 23 | .055 |
| 3 | .026 | .025 | .025 | BF | .024 | .020 | .025 | .038 | .047 | .051 | .051 | .052 | .052 | .053 | .055 | .057 | .057 | .056 | .048 | .039 | .033 | .025 | .029 | .036 | 23 | .057 |
| 4 | .036 | .037 | .040 | BF | .041 | .036 | .029 | .031 | .038 | .045 | .050 | .052 | .053 | .055 | .050 | .044 | .046 | .039 | .032 | .032 | .035 | .032 | .034 | .034 | 23 | .055 |
| 5 | .029 | .025 | .031 | BF | .039 | .036 | .034 | .032 | .039 | .044 | .046 | .045 | .044 | .045 | .045 | .044 | .044 | .042 | .037 | .037 | .034 | .032 | .030 | .029 | 23 | .046 |
| 6 | .027 | .026 | .025 | BF | .022 | .020 | .019 | .030 | .036 | .037 | .038 | .042 | .045 | .046 | .045 | .044 | .042 | .042 | .038 | .036 | .035 | .033 | .030 | .027 | 23 | .046 |
| 7 | .026 | .025 | .029 | BF | .026 | .024 | .025 | .030 | .036 | .041 | .043 | .045 | .047 | .049 | .050 | .050 | .052 | .053 | .051 | .044 | .034 | .029 | .024 | .024 | 23 | .053 |
| 8 | .032 | .027 | .022 | BF | .015 | .018 | .020 | .038 | .045 | .054 | .057 | .058 | .059 | .060 | .061 | .062 | .063 | .063 | .061 | .052 | .036 | .034 | .030 | .031 | 23 | .063 |
| 9 | .025 | .021 | .024 | BF | .024 | .017 | .013 | .012 | .011 | .014 | .021 | .023 | .033 | .039 | .043 | .044 | .035 | .032 | .027 | .024 | .017 | .014 | .014 | .012 | 23 | .044 |
| 10 | .012 | .013 | .009 | BF | .002 | .001 | .003 | .015 | .031 | .040 | .052 | .062 | .064 | .067 | .066 | .064 | .066 | .064 | .066 | .052 | .049 | .043 | .036 | .028 | 23 | .067 |
| 11 | .022 | .019 | .016 | BF | .024 | .016 | .013 | .015 | .025 | .036 | .045 | .049 | .053 | .053 | .054 | .054 | .059 | .063 | .058 | .051 | .048 | .043 | .028 | .020 | 23 | .063 |
| 12 | .025 | .033 | .034 | BF | .035 | .033 | .034 | .033 | .029 | .028 | .030 | .030 | .030 | .029 | .027 | .024 | .022 | .021 | .019 | .019 | .016 | .017 | .017 | .016 | 23 | .035 |
| 13 | .015 | .016 | .018 | BF | .022 | .021 | .021 | .023 | .023 | .024 | .025 | .024 | .025 | .027 | .030 | .032 | .033 | .032 | .030 | .028 | .022 | .015 | .012 | .017 | 23 | .033 |
| 14 | .016 | .015 | .014 | BF | .011 | .007 | .009 | .028 | .040 | .049 | .054 | .056 | .055 | .056 | .056 | .056 | .058 | .057 | .053 | .044 | .038 | .042 | .044 | .045 | 23 | .058 |
| 15 | .045 | .045 | .046 | BF | .037 | .035 | .030 | .043 | .052 | .060 | .062 | .062 | .062 | .063 | .062 | .060 | .062 | .061 | .057 | .046 | .034 | .028 | .026 | .028 | 23 | .063 |
| 16 | .025 | .027 | .026 | BF | .025 | .021 | .016 | .028 | .039 | .049 | .058 | .063 | .071 | .084 | .082 | .086 | .079 | .067 | .061 | .053 | .040 | .028 | .026 | .021 | 23 | .086 |
| 17 | .022 | .024 | .026 | BF | .039 | .035 | .032 | .041 | .050 | .055 | .062 | .064 | .072 | .074 | .072 | .064 | .062 | .060 | .056 | .052 | .048 | .048 | .046 | .046 | 23 | .074 |
| 18 | .045 | .043 | .042 | BF | .038 | .035 | .033 | .034 | .037 | .042 | .046 | .049 | .054 | .054 | .056 | .056 | .053 | .053 | .050 | .044 | .038 | .035 | .034 | .034 | 23 | .056 |
| 19 | .038 | .038 | .037 | BF | .034 | .030 | .029 | .033 | .038 | .046 | BA | BA | .053 | .057 | .060 | .049 | .042 | .031 | .024 | .015 | .007 | .003 | .001 | .000 | 21 | .060 |
| 20 | .001 | .006 | .004 | BF | .008 | .010 | .016 | .019 | .029 | .040 | .051 | .058 | .057 | .055 | .054 | .053 | .058 | .053 | .048 | .044 | .037 | .036 | .041 | .038 | 23 | .058 |
| 21 | .038 | .030 | .028 | BF | .025 | .022 | .021 | .020 | .020 | .019 | .018 | .018 | .019 | .018 | .018 | .017 | .018 | .017 | .016 | .015 | .013 | .013 | .015 | .015 | 23 | .038 |
| 22 | .017 | .017 | .017 | BF | .020 | .019 | .013 | .017 | .019 | .021 | .026 | .031 | .038 | .042 | .044 | .040 | .031 | .027 | .028 | .022 | .014 | .009 | .007 | .030 | 23 | .044 |
| 23 | .032 | .029 | .031 | BF | .026 | .032 | .028 | .024 | .026 | .026 | .027 | .028 | .026 | .023 | .021 | .020 | .018 | .017 | .018 | .020 | .024 | .024 | .024 | .023 | 23 | .032 |
| 24 | .024 | .023 | .022 | BF | .020 | .018 | .016 | .014 | .013 | .011 | .017 | .031 | .028 | .025 | .024 | .021 | .020 | .036 | .034 | .034 | .031 | .030 | .028 | .028 | 23 | .036 |
| 25 | .051 | .049 | .042 | BF | .032 | .034 | .034 | .032 | .030 | .035 | .036 | .034 | .043 | .045 | .046 | .045 | .044 | .046 | .043 | .043 | .041 | .039 | .038 | .036 | 23 | .051 |
| 26 | .034 | .032 | .028 | BF | .027 | .025 | .031 | .036 | .043 | .049 | .052 | .053 | .056 | .057 | .058 | .058 | .058 | .057 | .054 | .048 | .036 | .026 | .020 | .021 | 23 | .058 |
| 27 | .026 | .025 | .023 | BF | .020 | .014 | .016 | .031 | .046 | .055 | .058 | .057 | .055 | .054 | .052 | .051 | .051 | .054 | .054 | .046 | .043 | .041 | .047 | .046 | 23 | .058 |
| 28 | .036 | .031 | .034 | BF | .026 | .020 | .024 | .034 | .039 | .040 | .045 | .050 | .053 | .055 | .050 | .050 | .051 | .048 | .047 | .044 | .034 | .029 | .028 | .038 | 23 | .055 |
| 29 | .037 | .037 | .035 | BF | .026 | .020 | .024 | .037 | .042 | .047 | .049 | .049 | .050 | .049 | .048 | .051 | .049 | .040 | .039 | .037 | .033 | .028 | .027 | .018 | 23 | .051 |
| 30 | .017 | .024 | .019 | BF | .017 | .014 | .015 | .022 | .025 | .031 | .039 | .042 | .039 | .040 | .046 | .054 | .054 | .053 | .048 | .039 | .031 | .034 | .029 | .026 | 23 | .054 |
| 31 | .020 | .018 | .018 | BF | .024 | .022 | .017 | .029 | .033 | .044 | .050 | .054 | .062 | .064 | .067 | .068 | .056 | .052 | .052 | .049 | .047 | .037 | .023 | .013 | 23 | .068 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .051 | .049 | .046 | | .041 | .038 | .038 | .043 | .052 | .060 | .062 | .064 | .072 | .084 | .082 | .086 | .079 | .067 | .066 | .053 | .049 | .048 | .047 | .046 | | |
| AVG: | .0274 | .0267 | .0263 | | .0254 | .0231 | .0226 | .0285 | .0339 | .0389 | .0428 | .0452 | .0476 | .0490 | .0491 | .0484 | .0473 | .0458 | .0430 | .0383 | .0327 | .0292 | .0271 | .0269 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0359 MONTHLY MAX: .086

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-081-0013 POC: 1
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .008 | .007 | .009 | BF | .012 | .011 | .010 | .025 | .026 | .038 | .052 | .058 | .063 | .061 | .058 | .056 | .057 | .049 | .043 | .041 | .033 | .021 | .019 | .021 | 23 | .063 | |
| 2 | .021 | .017 | .012 | BF | .008 | .008 | .019 | .029 | .047 | .053 | .057 | .057 | .058 | .060 | .064 | .064 | .059 | .057 | .051 | .042 | .028 | .022 | .017 | .013 | 23 | .064 | |
| 3 | .013 | .012 | .012 | BF | .019 | .021 | .017 | .027 | .037 | .043 | .051 | .055 | .058 | .060 | .063 | .067 | .065 | .058 | .051 | .044 | .032 | .020 | .015 | .016 | 23 | .067 | |
| 4 | .015 | .015 | .014 | BF | .011 | .013 | .016 | .029 | .046 | .048 | .048 | .048 | .045 | .044 | .046 | .045 | .042 | .039 | .041 | .039 | .036 | .034 | .033 | .034 | 23 | .048 | |
| 5 | .032 | .032 | .032 | BF | .032 | .035 | .027 | .021 | .022 | .021 | .022 | .028 | .032 | .036 | .039 | .037 | .033 | .036 | .040 | .038 | .033 | .027 | .027 | .019 | 23 | .040 | |
| 6 | .015 | .014 | .011 | BF | BF | .010 | .009 | .023 | .034 | .041 | .047 | .048 | .049 | .050 | .049 | .049 | .049 | .044 | .044 | .042 | .038 | .037 | .036 | .035 | 22 | .050 | |
| 7 | .034 | .032 | .031 | BF | .029 | .029 | .027 | .029 | .033 | .036 | .038 | .039 | .039 | .039 | .040 | .041 | .039 | .039 | .038 | .036 | .037 | .036 | .033 | .033 | 23 | .041 | |
| 8 | .033 | .031 | .031 | BF | .028 | .027 | .027 | .030 | .033 | .035 | BA | .039 | .039 | .042 | .042 | .042 | .043 | .043 | .041 | .035 | .028 | .019 | .018 | .015 | 22 | .043 | |
| 9 | .012 | .010 | .010 | BF | .011 | .010 | .023 | .032 | .035 | .042 | .048 | .050 | .050 | .051 | .053 | .055 | .055 | .056 | .055 | .045 | .035 | .022 | .014 | .012 | 23 | .056 | |
| 10 | .011 | .013 | .017 | BF | .015 | .016 | .026 | .032 | .044 | .055 | .055 | .058 | .065 | .064 | .061 | .061 | .062 | .065 | .068 | .060 | .052 | .042 | .036 | .042 | 23 | .068 | |
| 11 | .041 | .039 | .038 | BF | .033 | .033 | .029 | .036 | .043 | .046 | .050 | .054 | .055 | .056 | .056 | .054 | .055 | .054 | .048 | .041 | .032 | .021 | .019 | 23 | .056 | | |
| 12 | .020 | .027 | .033 | BF | .024 | .020 | .026 | .029 | .036 | .044 | .044 | .052 | .057 | .056 | .057 | .062 | .057 | .051 | .047 | .042 | .039 | .033 | .030 | .032 | 23 | .062 | |
| 13 | .029 | .027 | .027 | BF | .021 | .023 | .022 | .023 | .035 | .044 | .057 | .061 | .058 | .052 | .043 | .031 | .047 | .037 | .034 | .031 | .031 | .028 | .030 | .027 | 23 | .061 | |
| 14 | .023 | .019 | .012 | BF | .014 | .012 | .017 | .022 | .032 | .033 | .037 | .048 | .050 | .045 | .049 | .046 | .062 | .061 | .061 | .049 | .048 | .036 | .028 | .024 | 23 | .062 | |
| 15 | .026 | .018 | .014 | BF | .006 | .004 | .014 | .023 | .035 | .044 | .051 | .058 | .058 | .057 | .055 | .053 | .050 | .050 | .046 | .035 | .033 | .042 | .038 | .039 | 23 | .058 | |
| 16 | .035 | .023 | .022 | BF | .031 | .026 | .029 | .026 | .026 | .029 | .038 | .047 | .054 | .051 | .059 | .057 | .058 | .054 | .048 | .043 | .040 | .036 | .029 | .030 | 23 | .059 | |
| 17 | .031 | .025 | .022 | BF | .015 | .019 | .020 | .022 | .023 | .027 | .028 | .036 | .039 | .040 | .045 | .043 | .043 | .041 | .037 | .040 | .038 | .034 | .034 | .033 | 23 | .045 | |
| 18 | .033 | .031 | .030 | BF | .026 | .024 | .023 | .024 | .027 | .032 | .035 | .035 | .034 | .035 | .037 | .036 | .034 | .033 | .032 | .030 | .029 | .027 | .034 | .038 | 23 | .038 | |
| 19 | .034 | .031 | .029 | BF | .019 | .016 | .014 | .016 | .021 | .027 | .032 | .034 | .035 | .037 | .037 | .034 | .023 | .023 | .031 | .027 | .032 | .028 | .027 | 23 | .037 | | |
| 20 | .026 | .026 | .023 | BF | .020 | .013 | .011 | .011 | .015 | .021 | .028 | .039 | .055 | .056 | .057 | .053 | .051 | .044 | .034 | .034 | .034 | .040 | .039 | .034 | 23 | .057 | |
| 21 | .028 | .024 | .023 | BF | .020 | .019 | .026 | .028 | .030 | .033 | .036 | .042 | .045 | .049 | .050 | .052 | .053 | .050 | .046 | .036 | .029 | .024 | .020 | .018 | 23 | .053 | |
| 22 | .015 | .010 | .007 | BF | .005 | .004 | .004 | .007 | .013 | .020 | .027 | .030 | .030 | .027 | .029 | .028 | .028 | .028 | .026 | .021 | .016 | .012 | .010 | .007 | 23 | .030 | |
| 23 | .008 | .011 | .011 | BF | .012 | .011 | .009 | .011 | .015 | .021 | .026 | .028 | .029 | .030 | .030 | .028 | .028 | .023 | .019 | .020 | .024 | .022 | .022 | 23 | .030 | | |
| 24 | .023 | .020 | .018 | BF | .017 | .015 | .015 | .016 | .026 | .038 | .041 | .040 | .041 | .043 | .036 | .031 | .032 | .027 | .022 | .017 | .015 | .011 | .015 | .013 | 23 | .043 | |
| 25 | .008 | .006 | .005 | BF | .007 | .012 | .013 | .016 | .022 | .030 | .033 | .034 | .037 | .045 | .040 | .034 | .030 | .025 | .025 | .018 | .012 | .010 | .009 | .010 | 23 | .045 | |
| 26 | .012 | .011 | .010 | BF | .012 | .012 | .017 | .024 | .033 | .043 | .049 | .050 | .053 | .055 | .051 | .049 | .050 | .050 | .044 | .038 | .032 | .027 | .020 | .019 | 23 | .055 | |
| 27 | .019 | .020 | .020 | BF | .024 | .023 | .025 | .025 | .031 | .039 | .041 | .044 | .043 | .043 | .046 | .041 | .044 | .048 | .045 | .036 | .020 | .012 | .007 | .006 | 23 | .048 | |
| 28 | .009 | .012 | .015 | BF | .015 | .013 | .019 | .025 | .030 | .037 | .040 | .042 | .047 | .050 | .052 | .052 | .050 | .056 | .053 | .047 | .037 | .027 | .031 | .032 | 23 | .056 | |
| 29 | .037 | .036 | .037 | BF | .037 | .032 | .028 | .029 | .039 | .053 | .058 | .060 | .057 | .057 | .056 | .055 | .055 | .054 | .052 | .050 | .047 | .047 | .048 | .049 | 23 | .060 | |
| 30 | .044 | .040 | .036 | BF | .030 | .023 | .023 | .025 | .032 | .035 | .035 | .036 | .035 | .036 | .037 | .032 | .027 | .025 | .023 | .023 | .018 | .017 | .022 | .021 | 23 | .044 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 29 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .044 | .040 | .038 | | .037 | .035 | .029 | .036 | .047 | .055 | .058 | .061 | .065 | .064 | .064 | .067 | .065 | .065 | .068 | .060 | .052 | .047 | .048 | .049 | | | |
| AVG: | .0232 | .0213 | .0204 | | .0191 | .0178 | .0195 | .0238 | .0307 | .0369 | .0415 | .0450 | .0470 | .0476 | .0479 | .0464 | .0464 | .0442 | .0416 | .0370 | .0319 | .0277 | .0254 | .0247 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0334 MONTHLY MAX: .068

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-081-0013 POC: 1
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .018 | .016 | .015 | BF | .015 | .012 | .011 | .011 | .014 | .020 | .027 | .031 | .035 | .037 | .037 | .034 | .038 | .038 | .037 | .036 | .032 | .029 | .029 | .028 | 23 | .038 |
| 2 | .024 | .019 | .014 | BF | .009 | .008 | .010 | .020 | .024 | .032 | .036 | .039 | .040 | .039 | .043 | .052 | .049 | .045 | .042 | .035 | .025 | .016 | .012 | .012 | 23 | .052 |
| 3 | .010 | .012 | .012 | BF | .012 | .010 | .010 | .017 | .027 | .037 | .043 | .044 | .047 | .046 | .046 | .049 | .047 | .044 | .040 | .039 | .039 | .035 | .031 | .029 | 23 | .049 |
| 4 | .022 | .015 | .011 | BF | .004 | .003 | .006 | .016 | .035 | .039 | .043 | .044 | .045 | .042 | .041 | .047 | .045 | .041 | .033 | .031 | .029 | .024 | .027 | .027 | 23 | .047 |
| 5 | .028 | .022 | .016 | BF | .008 | .008 | .012 | .015 | .023 | .026 | .041 | .043 | BA | BA | .051 | .046 | .050 | .050 | .038 | .025 | .019 | .012 | .012 | .012 | 21 | .051 |
| 6 | .006 | .004 | .002 | BF | .001 | .001 | .005 | .010 | .019 | .034 | .041 | .038 | .038 | .045 | .041 | .036 | .032 | .039 | .037 | .038 | .033 | .028 | .026 | .023 | 23 | .045 |
| 7 | .022 | .019 | .016 | BF | .013 | .012 | .014 | .020 | .028 | .037 | .041 | .042 | .042 | .043 | .045 | .047 | .049 | .048 | .046 | .040 | .033 | .024 | .020 | .021 | 23 | .049 |
| 8 | .023 | .019 | .016 | BF | .016 | .015 | .018 | .028 | .038 | .045 | .049 | .050 | .049 | .050 | .051 | .048 | .049 | .043 | .043 | .040 | .036 | .032 | .022 | .017 | 23 | .051 |
| 9 | .019 | .022 | .022 | BF | .012 | .008 | .011 | .021 | .030 | .037 | .040 | .044 | .045 | .046 | .047 | .042 | .046 | .046 | .046 | .043 | .034 | .024 | .018 | .014 | 23 | .047 |
| 10 | .011 | .010 | .008 | BF | .004 | .002 | .007 | .023 | .041 | .051 | .057 | .061 | .062 | .067 | .073 | .071 | .066 | .057 | .054 | .046 | .034 | .032 | .033 | .031 | 23 | .073 |
| 11 | .029 | .026 | .022 | BF | .019 | .018 | .019 | .025 | .034 | .044 | .057 | .066 | .064 | .064 | .061 | .061 | .063 | .057 | .054 | .056 | .044 | .035 | .034 | .033 | 23 | .066 |
| 12 | .028 | .026 | .021 | BF | .014 | .018 | .017 | .023 | .035 | .049 | .054 | .057 | .058 | .057 | .060 | .061 | .063 | .065 | .065 | .055 | .043 | .034 | .031 | .031 | 23 | .065 |
| 13 | .030 | .029 | .027 | BF | .021 | .017 | .019 | .026 | .036 | .046 | .055 | .056 | .057 | .058 | .060 | .062 | .044 | .035 | .035 | .030 | .019 | .020 | .019 | .014 | 23 | .062 |
| 14 | .010 | .015 | .021 | BF | .016 | .018 | .020 | .026 | .031 | .040 | .051 | .047 | .049 | .052 | .045 | .049 | .053 | .054 | .052 | .047 | .039 | .033 | .025 | .020 | 23 | .054 |
| 15 | .020 | .022 | .020 | BF | .018 | .016 | .019 | .030 | .038 | .043 | .045 | .047 | .046 | .053 | .056 | .053 | .048 | .044 | .042 | .042 | .039 | .034 | .032 | .031 | 23 | .056 |
| 16 | .026 | .022 | .018 | BF | .013 | .016 | .025 | .029 | .033 | .036 | .038 | .043 | .045 | .046 | .050 | .061 | .045 | .047 | .045 | .037 | .034 | .032 | .030 | .030 | 23 | .061 |
| 17 | .030 | .028 | .024 | BF | .015 | .011 | .011 | .015 | .022 | .031 | .048 | .061 | .063 | .058 | .057 | .050 | .051 | .052 | .047 | .044 | .034 | .031 | .030 | .026 | 23 | .063 |
| 18 | .021 | .020 | .020 | BF | .018 | .017 | .017 | .022 | .026 | .033 | .047 | .060 | .068 | .074 | .065 | .056 | .055 | .055 | .045 | .043 | .037 | .024 | .017 | .013 | 23 | .074 |
| 19 | .012 | .012 | .008 | BF | .009 | .007 | .006 | .018 | .037 | .052 | .072 | .074 | .073 | .065 | .062 | .072 | .078 | .069 | .065 | .056 | .048 | .037 | .030 | .023 | 23 | .078 |
| 20 | .015 | .010 | .013 | BF | .009 | .007 | .012 | .033 | .044 | .049 | .050 | .048 | .050 | .055 | .058 | .063 | .073 | .071 | .060 | .053 | .048 | .036 | .033 | .031 | 23 | .073 |
| 21 | .027 | .026 | .018 | BF | .012 | .009 | .010 | .026 | .044 | .052 | .054 | .054 | .053 | .053 | .053 | .055 | .061 | .046 | .044 | .041 | .034 | .026 | .021 | .032 | 23 | .061 |
| 22 | .032 | .029 | .025 | BF | .020 | .019 | .020 | .028 | .043 | .051 | .054 | .056 | .055 | .059 | .060 | .068 | .073 | .052 | .048 | .045 | .041 | .041 | .037 | .036 | 23 | .073 |
| 23 | .034 | .032 | .031 | BF | .028 | .027 | .028 | .033 | .039 | .044 | .051 | .052 | .053 | .053 | .051 | .051 | .050 | .054 | .038 | .030 | .032 | .036 | .038 | 23 | .054 | |
| 24 | .034 | .029 | .028 | BF | .020 | .019 | .019 | .021 | .024 | .031 | .041 | .048 | .052 | .054 | .058 | .061 | .058 | .060 | .054 | .049 | .040 | .032 | .031 | .032 | 23 | .061 |
| 25 | .027 | .024 | .023 | BF | .018 | .013 | .018 | .032 | AZ | .049 | .052 | .056 | .060 | .063 | .065 | .060 | .056 | .053 | .054 | .049 | .042 | .034 | .025 | .023 | 22 | .065 |
| 26 | .026 | .034 | .032 | BF | .031 | .031 | .033 | .037 | .038 | .041 | .046 | .055 | .057 | .055 | .054 | .057 | .057 | .056 | .055 | .050 | .040 | .032 | .021 | .020 | 23 | .057 |
| 27 | .027 | .034 | .035 | BF | .031 | .031 | .032 | .033 | .036 | .046 | .050 | .052 | .053 | .056 | .062 | .067 | .066 | .062 | .049 | .031 | .022 | .020 | .013 | .007 | 23 | .067 |
| 28 | .011 | .006 | .007 | BF | .013 | .013 | .009 | .020 | .033 | .039 | .044 | .052 | .050 | .046 | .050 | .048 | .031 | .024 | .028 | .023 | .019 | .018 | .018 | .015 | 23 | .052 |
| 29 | .013 | .013 | .012 | BF | .010 | .015 | .023 | .033 | .038 | .040 | .041 | .044 | .044 | .047 | .046 | .039 | .041 | .037 | .035 | .033 | .032 | .030 | .029 | .025 | 23 | .047 |
| 30 | .025 | .024 | .020 | BF | .015 | .016 | .020 | .025 | .029 | .032 | .034 | .037 | .038 | .039 | .040 | .039 | .038 | .038 | .037 | .033 | .026 | .020 | .015 | .013 | 23 | .040 |
| 31 | .013 | .012 | .009 | BF | .008 | .006 | .009 | .019 | .032 | .039 | .045 | .046 | .047 | .050 | .050 | .049 | .047 | .046 | .045 | .037 | .029 | .019 | .014 | .016 | 23 | .050 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .034 | .034 | .035 | | .031 | .031 | .033 | .037 | .044 | .052 | .072 | .074 | .073 | .074 | .072 | .072 | .078 | .071 | .065 | .056 | .048 | .041 | .037 | .038 | | |
| AVG: | .0217 | .0204 | .0183 | | .0146 | .0136 | .0158 | .0237 | .0324 | .0402 | .0467 | .0499 | .0513 | .0524 | .0528 | .0534 | .0523 | .0493 | .0458 | .0408 | .0340 | .0283 | .0249 | .0233 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0350 MONTHLY MAX: .078

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-081-0013 POC: 1
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .020 | .018 | .016 | BF | .011 | .006 | .012 | .029 | .039 | .050 | .058 | .056 | .053 | .055 | .056 | .057 | .056 | .053 | .050 | .041 | .037 | .026 | .022 | .017 | 23 | .058 |
| 2 | .015 | .011 | .010 | BF | .007 | .005 | .005 | .011 | .023 | .037 | .058 | .070 | .069 | .073 | .070 | .063 | .053 | .053 | .050 | .046 | .044 | .037 | .025 | .022 | 23 | .073 |
| 3 | .019 | .014 | .010 | BF | .003 | .003 | .005 | .022 | .041 | .059 | .067 | .067 | .065 | .067 | .066 | .066 | .066 | .057 | .049 | .045 | .040 | .037 | .035 | .033 | 23 | .067 |
| 4 | .033 | .031 | .029 | BF | .017 | .012 | .012 | .022 | .035 | .047 | .053 | .057 | .054 | .052 | .054 | .064 | .055 | .052 | .047 | .043 | .044 | .039 | .031 | .033 | 23 | .064 |
| 5 | .032 | .029 | .022 | BF | .009 | .009 | .008 | .015 | .029 | .036 | .037 | .040 | .045 | .047 | .045 | .044 | .044 | .045 | .041 | .036 | .031 | .028 | .026 | .025 | 23 | .047 |
| 6 | .026 | .025 | .025 | BF | .021 | .019 | .019 | .025 | .032 | .036 | .039 | .043 | .043 | .044 | .048 | .051 | .051 | .050 | .043 | .039 | .036 | .035 | .031 | .030 | 23 | .051 |
| 7 | .026 | .029 | .034 | BF | .030 | .022 | .016 | .013 | .013 | BA | .015 | .018 | .022 | .025 | .029 | .029 | .026 | .024 | .017 | .012 | .018 | .016 | .014 | .013 | 22 | .034 |
| 8 | .017 | .020 | .018 | BF | .018 | .017 | .017 | .015 | .016 | .017 | .020 | .024 | .024 | .034 | .037 | .037 | .036 | .035 | .032 | .027 | .022 | .019 | .014 | .010 | 23 | .037 |
| 9 | .006 | .003 | .004 | BF | .007 | .006 | .010 | .016 | .029 | .039 | .045 | .050 | .051 | .050 | .050 | .051 | .055 | .054 | .048 | .037 | .025 | .016 | .010 | .008 | 23 | .055 |
| 10 | .006 | .004 | .003 | BF | .001 | .000 | .002 | .017 | .038 | .048 | .050 | .056 | .058 | .056 | .052 | .051 | .052 | .055 | .050 | .043 | .035 | .027 | .020 | .017 | 23 | .058 |
| 11 | .020 | .018 | .015 | BF | .008 | .007 | .009 | .019 | .031 | .046 | .055 | .055 | .049 | .044 | .037 | .031 | .033 | .036 | .034 | .029 | .022 | .015 | .012 | .011 | 23 | .055 |
| 12 | .015 | .012 | .008 | BF | .010 | .009 | .008 | .011 | .017 | .027 | .032 | .033 | .037 | .036 | .041 | .038 | .044 | .044 | .037 | .032 | .026 | .017 | .018 | .024 | 23 | .044 |
| 13 | .021 | .021 | .021 | BF | .017 | .013 | .012 | .019 | .021 | .029 | .031 | .034 | .037 | .033 | .034 | .035 | .035 | .033 | .031 | .030 | .026 | .023 | .025 | .027 | 23 | .037 |
| 14 | .026 | .025 | .027 | BF | .022 | .021 | .018 | .014 | .014 | .014 | .018 | .018 | .017 | .027 | .039 | .035 | .037 | .033 | .029 | .025 | .021 | .018 | .016 | .017 | 23 | .039 |
| 15 | .019 | .023 | .018 | BF | .012 | .008 | .006 | .009 | .027 | .036 | .049 | .052 | .051 | .055 | .050 | .037 | .034 | .031 | .028 | .020 | .011 | .004 | .003 | .001 | 23 | .055 |
| 16 | .002 | .004 | .004 | BF | .007 | .004 | .006 | .012 | .021 | .031 | .040 | .042 | .040 | .042 | .043 | .044 | .040 | .044 | .039 | .036 | .041 | .039 | .032 | .034 | 23 | .044 |
| 17 | .035 | .033 | .030 | BF | .018 | .011 | .007 | .020 | .035 | .049 | .060 | .061 | .055 | .048 | .046 | .045 | .043 | .044 | .049 | .034 | .032 | .031 | .027 | .024 | 23 | .061 |
| 18 | .021 | .017 | .014 | BF | .016 | .013 | .011 | .020 | .040 | .046 | .047 | .051 | .044 | .039 | .039 | .037 | .044 | .058 | .043 | .028 | .022 | .014 | .009 | .008 | 23 | .058 |
| 19 | .008 | .007 | .009 | BF | .006 | .008 | .008 | .021 | .038 | .045 | .051 | .051 | .052 | .060 | .058 | .049 | .049 | .046 | .043 | .033 | .020 | .015 | .009 | .004 | 23 | .060 |
| 20 | .003 | .005 | .006 | BF | .004 | .002 | .002 | .013 | .032 | .042 | .045 | .046 | .048 | .047 | .050 | .050 | .054 | .060 | .057 | .046 | .034 | .034 | .031 | .034 | 23 | .060 |
| 21 | .034 | .024 | .026 | BF | .018 | .015 | .014 | .025 | .035 | .048 | .061 | .056 | .051 | .045 | .029 | .034 | .047 | .049 | .045 | .032 | .019 | .021 | .019 | .017 | 23 | .061 |
| 22 | .017 | .019 | .021 | BF | .013 | .007 | .006 | .017 | .030 | .043 | .054 | .057 | .058 | .060 | .060 | .056 | .056 | .060 | .063 | .053 | .045 | .038 | .032 | .029 | 23 | .063 |
| 23 | .025 | .022 | .019 | BF | .012 | .010 | .008 | .017 | .026 | .043 | .057 | .054 | .055 | .040 | .036 | .039 | .043 | .042 | .038 | .031 | .025 | .026 | .029 | .028 | 23 | .057 |
| 24 | .026 | .026 | .028 | BF | .027 | .024 | .023 | .024 | .030 | .036 | .040 | .045 | .050 | .049 | .050 | .048 | .048 | .045 | .045 | .043 | .037 | .026 | .019 | .016 | 23 | .050 |
| 25 | .015 | .018 | .023 | BF | .026 | .028 | .030 | .033 | .037 | .040 | .044 | .046 | .049 | .051 | .052 | .051 | .049 | .049 | .045 | .040 | .033 | .029 | .029 | .029 | 23 | .052 |
| 26 | .028 | .032 | .032 | BF | .026 | .026 | .027 | .027 | .031 | .033 | .041 | .044 | .045 | .045 | .045 | .047 | .048 | .046 | .044 | .041 | .039 | .036 | .031 | .029 | 23 | .048 |
| 27 | .029 | .027 | .028 | BF | .028 | .026 | .024 | .032 | .037 | .042 | .044 | .047 | .047 | .048 | .046 | .046 | .046 | .046 | .043 | .039 | .039 | .038 | .036 | .035 | 23 | .048 |
| 28 | .036 | .034 | .032 | BF | .028 | .029 | .030 | .029 | .033 | .038 | .042 | .043 | .044 | .046 | .046 | .046 | .044 | .044 | .043 | .043 | .041 | .037 | .032 | .029 | 23 | .047 |
| 29 | .026 | .026 | .027 | BF | .027 | .027 | .025 | .028 | .032 | .030 | .028 | .027 | .026 | .026 | .027 | .029 | .030 | .030 | .028 | .025 | .022 | .016 | .014 | .012 | 23 | .032 |
| 30 | .007 | .005 | .003 | BF | .002 | .003 | .006 | .014 | .022 | .028 | .035 | .045 | .049 | .051 | .052 | .049 | .050 | .052 | .049 | .040 | .027 | .025 | .019 | .021 | 23 | .052 |
| 31 | .031 | .032 | .029 | BF | .020 | .021 | .020 | .019 | .022 | .029 | .035 | .042 | .046 | .041 | .042 | .037 | .028 | .024 | .019 | .014 | .010 | .013 | .013 | .015 | 23 | .046 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .036 | .034 | .034 | | .030 | .029 | .030 | .033 | .041 | .059 | .067 | .070 | .069 | .073 | .070 | .066 | .066 | .060 | .063 | .053 | .045 | .039 | .036 | .035 | | |
| AVG: | .0208 | .0198 | .0191 | | .0152 | .0133 | .0131 | .0196 | .0292 | .0381 | .0436 | .0461 | .0463 | .0463 | .0462 | .0450 | .0450 | .0450 | .0413 | .0349 | .0298 | .0256 | .0220 | .0210 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0316 MONTHLY MAX: .073

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-081-0013 POC: 1
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .015 | .016 | .017 | BF | .013 | .009 | .005 | .005 | .009 | .014 | .018 | .017 | .018 | .016 | .020 | .022 | .023 | .021 | .019 | .018 | .017 | .017 | .017 | .019 | 23 | .023 | |
| 2 | .018 | .020 | .021 | BF | .021 | .021 | .020 | .018 | .018 | .016 | .016 | .016 | .016 | .017 | .019 | .020 | .018 | .016 | .013 | .012 | .012 | .012 | .012 | .009 | .009 | 23 | .021 |
| 3 | .008 | .006 | .006 | BF | .006 | .003 | .003 | .009 | .019 | .030 | .034 | .037 | .038 | .040 | .042 | .044 | .043 | .040 | .032 | .022 | .017 | .013 | .010 | .010 | 23 | .044 | |
| 4 | .010 | .008 | .006 | BF | .004 | .002 | .002 | .004 | .024 | .036 | .047 | .048 | .048 | .049 | .046 | .048 | .047 | .049 | .044 | .035 | .022 | .016 | .016 | .018 | 23 | .049 | |
| 5 | .021 | .016 | .011 | BF | .010 | .008 | .010 | .017 | .025 | .034 | .045 | .054 | .057 | .067 | .070 | .066 | .065 | .060 | .051 | .048 | .046 | .047 | .046 | .041 | 23 | .070 | |
| 6 | .034 | .032 | .027 | BF | .018 | .017 | .017 | .017 | .025 | .030 | .024 | .026 | .026 | .026 | .025 | .026 | .027 | .024 | .024 | .022 | .019 | .016 | .009 | .014 | 23 | .034 | |
| 7 | .014 | .012 | .012 | BF | .011 | .009 | .008 | .014 | .023 | .031 | BA | BA | .038 | .039 | .039 | .041 | .041 | .038 | .031 | .017 | .007 | .004 | .003 | .002 | 21 | .041 | |
| 8 | .001 | .001 | .001 | BF | .001 | .001 | .002 | .011 | .022 | .028 | .033 | .037 | .038 | .038 | .038 | .039 | .039 | .037 | .031 | .019 | .009 | .006 | .004 | .004 | 23 | .039 | |
| 9 | .005 | .006 | .008 | BF | .011 | .014 | .017 | .022 | .026 | .033 | .038 | .040 | .041 | .043 | .043 | .044 | .043 | .041 | .037 | .033 | .031 | .029 | .029 | .028 | 23 | .044 | |
| 10 | .027 | .026 | .024 | BF | .021 | .019 | .020 | .021 | .023 | .024 | .025 | .026 | .025 | .026 | .026 | .026 | .026 | .024 | .021 | .019 | .021 | .024 | .022 | .021 | 23 | .027 | |
| 11 | .020 | .020 | .022 | BF | .021 | .020 | .020 | .021 | .022 | .023 | .022 | .021 | .022 | .021 | .022 | .022 | .024 | .023 | .022 | .022 | .021 | .022 | .021 | .022 | 23 | .024 | |
| 12 | .023 | .023 | .022 | BF | .023 | .023 | .021 | .021 | .021 | .020 | .020 | .019 | .020 | .017 | .015 | .014 | .014 | .011 | .010 | .010 | .010 | .008 | .008 | .008 | 23 | .023 | |
| 13 | .010 | .011 | .010 | BF | .008 | .004 | .001 | .005 | .014 | .023 | .034 | .041 | .040 | .043 | .040 | .041 | .041 | .036 | .031 | .025 | .024 | .027 | .023 | .016 | 23 | .043 | |
| 14 | .022 | .023 | .023 | BF | .018 | .016 | .013 | .014 | .023 | .031 | .038 | .046 | .052 | .055 | .057 | .061 | .059 | .052 | .039 | .031 | .030 | .024 | .022 | .019 | 23 | .061 | |
| 15 | .015 | .012 | .008 | BF | .009 | .007 | .003 | .007 | .019 | .027 | .031 | .033 | .035 | .034 | .032 | .034 | .030 | .023 | .021 | .016 | .011 | .004 | .002 | .001 | 23 | .035 | |
| 16 | .001 | .001 | .000 | BF | .002 | .003 | .004 | .008 | .020 | .028 | .035 | .037 | .036 | .039 | .039 | .039 | .039 | .038 | .033 | .027 | .023 | .018 | .012 | .010 | 23 | .039 | |
| 17 | .008 | .007 | .004 | BF | .006 | .006 | .004 | .009 | .018 | .031 | .040 | .043 | .043 | .042 | .042 | .041 | .040 | .039 | .029 | .018 | .010 | .009 | .007 | .009 | 23 | .043 | |
| 18 | .008 | .005 | .004 | BF | .003 | .004 | .005 | .011 | .014 | .021 | .031 | .036 | .041 | .042 | .042 | .041 | .040 | .036 | .030 | .017 | .010 | .010 | .010 | .012 | 23 | .042 | |
| 19 | .009 | .010 | .009 | BF | .015 | .017 | .014 | .018 | .025 | .031 | .039 | .043 | .043 | .045 | .047 | .048 | .049 | .045 | .034 | .016 | .008 | .005 | .008 | .004 | 23 | .049 | |
| 20 | .004 | .005 | .009 | BF | .007 | .004 | .002 | .006 | .019 | .034 | .046 | .052 | .055 | .055 | .058 | .048 | .048 | .048 | .037 | .026 | .017 | .014 | .014 | .013 | 23 | .058 | |
| 21 | .016 | .014 | .009 | BF | .004 | .004 | .004 | .016 | .026 | .033 | .038 | .043 | .046 | .048 | .049 | .048 | .048 | .047 | .044 | .035 | .026 | .017 | .014 | .017 | 23 | .049 | |
| 22 | .011 | .009 | .007 | BF | .001 | .001 | .001 | .008 | .025 | .037 | .049 | .050 | .049 | .049 | .050 | .050 | .050 | .046 | .038 | .025 | .015 | .008 | .004 | .005 | 23 | .050 | |
| 23 | .005 | .004 | .005 | BF | .006 | .004 | .003 | .010 | .023 | .039 | .045 | .047 | .049 | .049 | .055 | .059 | .054 | .045 | .036 | .027 | .027 | .023 | .021 | .020 | 23 | .059 | |
| 24 | .019 | .018 | .016 | BF | .016 | .014 | .011 | .020 | .028 | .035 | .040 | .043 | .046 | .048 | .051 | .051 | .043 | .041 | .036 | .025 | .018 | .014 | .014 | .013 | 23 | .051 | |
| 25 | .017 | .016 | .015 | BF | .018 | .019 | .021 | .025 | .035 | .040 | .041 | .043 | .045 | .044 | .043 | .044 | .043 | .046 | .040 | .032 | .025 | .025 | .024 | .022 | 23 | .046 | |
| 26 | .018 | .022 | .023 | BF | .024 | .025 | .024 | .027 | .028 | .025 | .027 | .029 | .027 | .026 | .027 | .029 | .030 | .028 | .023 | .017 | .013 | .015 | .016 | .016 | 23 | .030 | |
| 27 | .017 | .017 | .018 | BF | .021 | .017 | .017 | .023 | .035 | .043 | .043 | .039 | .045 | .049 | .051 | .052 | .048 | .044 | .029 | .014 | .010 | .009 | .018 | .024 | 23 | .052 | |
| 28 | .031 | .034 | .031 | BF | .022 | .019 | .012 | .029 | .045 | .051 | .057 | .061 | .062 | .064 | .067 | .060 | .055 | .049 | .044 | .046 | .045 | .043 | .040 | .040 | 23 | .067 | |
| 29 | .038 | .036 | .037 | BF | .039 | .040 | .036 | .029 | .029 | .029 | .027 | .027 | .032 | .039 | .044 | .046 | .047 | .042 | .034 | .022 | .012 | .008 | .005 | .002 | 23 | .047 | |
| 30 | .003 | .005 | .013 | BF | .021 | .020 | .021 | .027 | .034 | .038 | .040 | .043 | .041 | .040 | .041 | .040 | .040 | .037 | .032 | .028 | .026 | .028 | .030 | .029 | 23 | .043 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .038 | .036 | .037 | | .039 | .040 | .036 | .029 | .045 | .051 | .057 | .061 | .062 | .067 | .070 | .066 | .065 | .060 | .051 | .048 | .046 | .047 | .046 | .041 | | | |
| AVG: | .0149 | .0145 | .0139 | | .0133 | .0123 | .0114 | .0157 | .0239 | .0305 | .0353 | .0378 | .0391 | .0403 | .0413 | .0415 | .0405 | .0375 | .0315 | .0241 | .0194 | .0172 | .0160 | .0156 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0255 MONTHLY MAX: .070

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-081-0013 POC: 1
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILLOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .026 | .024 | .022 | BF | .019 | .019 | .019 | .022 | .025 | .029 | .031 | .032 | .034 | .038 | .041 | .041 | .039 | .036 | .029 | .021 | .013 | .012 | .011 | .009 | 23 | .041 |
| 2 | .008 | .007 | .007 | BF | .006 | .004 | .001 | .006 | .020 | .030 | .037 | .042 | .046 | .050 | .054 | .054 | .051 | .044 | .034 | .023 | .018 | .015 | .014 | .015 | 23 | .054 |
| 3 | .014 | .011 | .009 | BF | .006 | .004 | .002 | .014 | .026 | .034 | .041 | .044 | .045 | .049 | .052 | .050 | .047 | .044 | .032 | .018 | .016 | .017 | .016 | .019 | 23 | .052 |
| 4 | .018 | .016 | .016 | BF | .008 | .007 | .013 | .018 | .025 | BA | BA | .047 | .052 | .058 | .065 | .067 | .066 | .053 | .035 | .020 | .019 | .015 | .017 | .012 | 21 | .067 |
| 5 | .011 | .007 | .007 | BF | .008 | .004 | .002 | .004 | .018 | .040 | .047 | .055 | .059 | .058 | .058 | .058 | .054 | .045 | .027 | .016 | .011 | .011 | .005 | .001 | 23 | .059 |
| 6 | .001 | .001 | .006 | BF | AV | 3 | .006 |
| 7 | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | 0 | |
| 8 | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | 0 | |
| 9 | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | 0 | |
| 10 | AV | AV | AV | BF | .007 | .005 | .004 | .006 | .010 | .016 | .020 | .028 | .034 | .025 | .025 | .027 | .025 | .021 | .012 | .004 | .003 | .008 | .011 | .011 | 20 | .034 |
| 11 | .011 | .012 | .012 | BF | .007 | .009 | .010 | .009 | .011 | .016 | .026 | .036 | .040 | .039 | .042 | .046 | .046 | .037 | .026 | .011 | .006 | .002 | .003 | .004 | 23 | .046 |
| 12 | .005 | .002 | .001 | BF | .000 | .000 | .004 | .014 | .012 | .015 | .017 | .020 | .025 | .024 | .024 | .025 | .024 | .024 | .024 | .019 | .018 | .017 | .018 | .018 | 23 | .025 |
| 13 | .018 | .017 | .016 | BF | .019 | .016 | .014 | .014 | .015 | .016 | .018 | .019 | .017 | .017 | .019 | .021 | .020 | .018 | .016 | .018 | .017 | .021 | .022 | .023 | 23 | .023 |
| 14 | .025 | .026 | .025 | BF | .023 | .023 | .024 | .027 | .027 | .027 | .027 | .027 | .029 | .037 | .041 | .048 | .051 | .036 | .020 | .008 | .001 | .001 | .001 | .000 | 23 | .051 |
| 15 | .000 | .000 | .000 | BF | .001 | .004 | .009 | .012 | .014 | .020 | .023 | .029 | .031 | .039 | .040 | .037 | .037 | .037 | .031 | .022 | .021 | .023 | .023 | .020 | 23 | .040 |
| 16 | .021 | .022 | .021 | BF | .017 | .023 | .020 | .017 | .018 | .020 | .023 | .027 | .030 | .031 | .032 | .034 | .033 | .033 | .031 | .028 | .027 | .027 | .026 | .025 | 23 | .034 |
| 17 | .023 | .021 | AE | BF | AE | AE | AE | AE | .024 | .027 | .030 | .033 | .036 | .039 | .040 | .040 | .039 | .030 | .017 | .005 | .005 | .004 | .004 | .005 | 18 | .040 |
| 18 | .006 | .006 | .005 | BF | .002 | .002 | .001 | .002 | .012 | .026 | .032 | .038 | .042 | .045 | .046 | .045 | .042 | .031 | .014 | .011 | .007 | .005 | .004 | .003 | 23 | .046 |
| 19 | .002 | .002 | .002 | BF | .003 | .001 | .001 | .004 | .007 | .039 | .045 | .051 | .053 | .054 | .056 | .056 | .049 | .030 | .012 | .005 | .002 | .004 | .003 | .004 | 23 | .056 |
| 20 | .004 | .005 | .009 | BF | .009 | .006 | .008 | .008 | .032 | .041 | .048 | .052 | .055 | .056 | .057 | .055 | .052 | .041 | .022 | .015 | .010 | .012 | .012 | .011 | 23 | .057 |
| 21 | .010 | .008 | .005 | BF | .003 | .003 | .002 | .004 | .021 | .037 | .048 | .061 | .061 | .065 | .066 | .063 | .051 | .046 | .032 | .019 | .014 | .007 | .009 | .009 | 23 | .066 |
| 22 | .009 | .010 | .007 | BF | .004 | .002 | .001 | .003 | .015 | .030 | .044 | .050 | .052 | .050 | .048 | .047 | .046 | .037 | .023 | .017 | .010 | .006 | .008 | .025 | 23 | .052 |
| 23 | .026 | .014 | .012 | BF | .025 | .027 | .029 | .033 | .032 | .031 | .033 | .034 | .034 | .034 | .036 | .036 | .035 | .033 | .039 | .032 | .029 | .026 | .021 | 23 | .039 | |
| 24 | .017 | .013 | .012 | BF | .020 | .018 | .015 | .014 | .015 | .017 | .024 | .031 | .037 | .040 | .041 | .046 | .045 | .034 | .014 | .011 | .012 | .012 | .014 | .016 | 23 | .046 |
| 25 | .017 | .020 | .016 | BF | .014 | .010 | .004 | .003 | .023 | .033 | .037 | .039 | .041 | .042 | .042 | .041 | .038 | .034 | .031 | .029 | .028 | .026 | .022 | .017 | 23 | .042 |
| 26 | .021 | .019 | .017 | BF | .020 | .021 | .021 | .022 | .027 | .030 | .034 | .037 | .039 | .042 | .043 | .043 | .040 | .029 | .019 | .006 | .001 | .001 | .001 | .002 | 23 | .043 |
| 27 | .004 | .005 | .005 | BF | .006 | .006 | .003 | .006 | .019 | .029 | .034 | .043 | .048 | .051 | .052 | .052 | .049 | .044 | .041 | .044 | .043 | .042 | .039 | .036 | 23 | .052 |
| 28 | .035 | .040 | .040 | BF | .023 | .016 | .012 | .017 | .036 | .041 | .044 | .045 | .044 | .044 | .045 | .042 | .040 | .038 | .036 | .035 | .033 | .033 | .033 | .037 | 23 | .045 |
| 29 | .037 | .035 | .033 | BF | .029 | .029 | .027 | .027 | .027 | .027 | .019 | .016 | .013 | .016 | .019 | .019 | .019 | .020 | .020 | .021 | .021 | .021 | .023 | .023 | 23 | .037 |
| 30 | .023 | .023 | .023 | BF | .022 | .019 | .017 | .018 | .024 | .028 | .030 | .032 | .035 | .036 | .037 | .038 | .038 | .028 | .013 | .011 | .010 | .012 | .012 | .013 | 23 | .038 |
| 31 | .010 | .008 | .004 | BF | .002 | .001 | .001 | .002 | .012 | .026 | .035 | .042 | .046 | .051 | .055 | .055 | .050 | .038 | .020 | .009 | .004 | .002 | .001 | .003 | 23 | .055 |
| NO.: | 27 | 27 | 26 | | 26 | 26 | 26 | 26 | 27 | 26 | 26 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | 27 | | |
| MAX: | .037 | .040 | .040 | | .029 | .029 | .029 | .033 | .036 | .041 | .048 | .061 | .061 | .065 | .066 | .067 | .066 | .053 | .041 | .044 | .043 | .042 | .039 | .037 | | |
| AVG: | .0149 | .0139 | .0128 | | .0117 | .0107 | .0102 | .0125 | .0203 | .0279 | .0325 | .0374 | .0399 | .0419 | .0435 | .0439 | .0417 | .0349 | .0246 | .0181 | .0149 | .0143 | .0140 | .0141 | | |

MONTHLY OBSERVATIONS: 614 MONTHLY MEAN: .0240 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-081-0013 POC: 1
 COUNTY: (081) Guilford
 CITY: (28000) Greensboro
 SITE ADDRESS: 205 WILOUGHBY BLVD
 SITE COMMENTS: MONITOR LOCATION MIDDLE OF PLAY FIELD
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.109167
 LONGITUDE: -79.801111
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 247
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .002 | .003 | .002 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .003 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .002 | .003 | .002 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0020 | .0030 | .0020 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0023 MONTHLY MAX: .003

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0008 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: 2236 ASHEVILLE ROAD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.50716
 LONGITUDE: -82.96337
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 791
 PROBE HEIGHT: 3.84

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .032 | .032 | .035 | BF | .035 | .034 | .032 | .031 | .031 | .030 | .030 | .030 | .030 | .030 | .029 | .029 | .028 | .027 | .033 | .038 | .039 | .042 | .040 | .042 | 23 | .042 | |
| 2 | .044 | .043 | .044 | BF | .042 | .038 | .037 | .038 | .037 | .037 | BA | BA | BA | BA | AN | AN | 9 | .044 |
| 3 | AN | AN | AN | BF | AN | 0 | | |
| 4 | AN | AN | AN | BF | AN | .042 | .030 | .017 | .013 | .012 | .011 | 6 | .042 | |
| 5 | .011 | .009 | .008 | BF | .007 | .006 | .005 | .006 | .012 | .027 | .034 | .050 | .055 | .056 | .056 | .053 | .052 | .055 | .056 | .056 | .055 | .040 | .030 | .027 | 23 | .056 | |
| 6 | .024 | .025 | .027 | BF | .024 | .022 | .025 | .024 | .017 | .036 | .047 | .047 | .048 | .047 | .049 | .051 | .050 | .050 | .050 | .051 | .051 | .049 | .047 | .051 | 23 | .051 | |
| 7 | .051 | .049 | .049 | BF | .051 | .052 | .049 | .046 | .047 | .046 | .047 | .046 | .048 | .046 | .043 | .040 | .039 | .040 | .040 | .042 | .038 | .040 | .040 | .042 | 23 | .052 | |
| 8 | .041 | .040 | .041 | BF | .045 | .042 | .024 | .017 | .029 | .041 | .046 | .048 | .049 | .050 | .051 | .052 | .052 | .051 | .047 | .024 | .015 | .012 | .012 | .010 | 23 | .052 | |
| 9 | .010 | .010 | .011 | BF | .008 | .006 | .005 | .004 | .012 | .022 | .038 | .050 | .053 | .053 | .053 | .053 | .055 | .053 | .046 | .028 | .017 | .013 | .012 | .013 | 23 | .055 | |
| 10 | .027 | .028 | .028 | BF | .041 | .037 | .029 | .022 | .039 | .046 | .046 | .046 | .044 | .045 | .046 | .046 | .047 | .049 | .046 | .046 | .046 | .046 | .046 | .045 | 23 | .049 | |
| 11 | .045 | .041 | .036 | BF | .026 | .023 | .026 | .039 | .040 | .039 | .040 | .042 | .042 | .041 | .040 | .039 | .039 | .040 | .040 | .041 | .039 | .038 | .041 | .040 | 23 | .045 | |
| 12 | .041 | .041 | .038 | BF | .040 | .040 | .037 | .036 | .036 | .041 | .043 | .046 | .050 | .049 | .047 | .046 | .046 | .046 | .045 | .036 | .024 | .019 | .017 | .014 | 23 | .050 | |
| 13 | .012 | .012 | .011 | BF | .009 | .007 | .005 | .006 | .017 | .038 | .047 | .046 | .045 | .042 | .044 | .042 | .032 | .026 | .032 | .017 | .016 | .026 | .031 | .030 | 23 | .047 | |
| 14 | .026 | .023 | .030 | BF | .031 | .031 | .036 | .037 | .037 | .035 | .036 | .034 | .034 | .034 | .036 | .037 | .037 | .038 | .040 | .041 | .041 | .041 | .040 | .041 | 23 | .041 | |
| 15 | .042 | .042 | .043 | BF | .042 | .043 | .043 | .042 | .040 | .042 | .043 | .043 | .043 | .044 | .045 | .045 | .045 | .045 | .043 | .043 | .038 | .032 | .028 | .028 | 23 | .045 | |
| 16 | .026 | .024 | .021 | BF | .016 | .013 | .006 | .009 | .030 | .040 | .043 | .046 | .049 | .051 | .052 | .052 | .051 | .050 | .048 | .033 | .027 | .019 | .016 | .014 | 23 | .052 | |
| 17 | .013 | .012 | .012 | BF | .013 | .013 | .010 | .009 | .017 | .009 | .010 | .029 | .046 | .047 | .047 | .048 | .048 | .047 | .046 | .046 | .044 | .044 | .044 | .043 | 23 | .048 | |
| 18 | .036 | .041 | .046 | BF | .044 | .043 | .044 | .043 | .041 | .040 | .043 | .046 | .048 | .047 | .049 | .051 | .052 | .053 | .053 | .052 | .051 | .047 | .044 | .040 | 23 | .053 | |
| 19 | .036 | .035 | .035 | BF | .035 | .035 | .035 | .034 | .032 | .032 | .032 | .034 | .035 | .037 | .038 | .039 | .039 | .038 | .028 | .019 | .015 | .013 | .012 | 23 | .039 | | |
| 20 | .009 | .008 | .007 | BF | .005 | .003 | .002 | .004 | .015 | .029 | .037 | .040 | .045 | .046 | .046 | .043 | .043 | .044 | .043 | .042 | .039 | .019 | .038 | .050 | 23 | .050 | |
| 21 | .047 | .036 | .022 | BF | .017 | .017 | .010 | .010 | .018 | .036 | .046 | .046 | .047 | .049 | .051 | .052 | .053 | .052 | .052 | .055 | .056 | .049 | .042 | .037 | 23 | .056 | |
| 22 | .041 | .031 | .035 | BF | .038 | .034 | .039 | .040 | .041 | .042 | .043 | .045 | .049 | .050 | .052 | .053 | .052 | .052 | .049 | .023 | .021 | .016 | .013 | .014 | 23 | .053 | |
| 23 | .013 | .012 | .011 | BF | .010 | .009 | .005 | .008 | .021 | .044 | .046 | .048 | .052 | .052 | .053 | .053 | .053 | .051 | .046 | .045 | .048 | .038 | .041 | .049 | 23 | .053 | |
| 24 | .047 | .051 | .048 | BF | .052 | .041 | .030 | .041 | .051 | .051 | .051 | .049 | .047 | BA | .046 | .047 | .047 | .045 | .045 | .039 | .025 | .027 | .025 | .023 | 22 | .052 | |
| 25 | .023 | .020 | .018 | BF | .048 | .046 | .045 | .045 | .045 | .046 | .046 | .047 | .047 | .046 | .045 | .046 | .047 | .046 | .045 | .045 | .046 | .039 | .032 | .027 | 23 | .048 | |
| 26 | .041 | .044 | .043 | BF | .042 | .035 | .031 | .030 | .038 | .046 | .049 | .051 | .049 | .050 | .048 | .049 | .049 | .047 | .045 | .026 | .018 | .019 | .015 | .013 | 23 | .051 | |
| 27 | .012 | .011 | .008 | BF | .006 | .003 | .000 | .001 | .008 | .039 | .047 | .048 | .047 | .043 | .042 | .046 | .048 | .050 | .050 | .050 | .050 | .047 | .043 | .045 | 23 | .050 | |
| 28 | .053 | .044 | .048 | BF | .047 | .043 | .048 | .049 | .048 | .049 | .049 | .050 | .051 | .051 | .052 | .053 | .053 | .052 | .049 | .036 | .025 | .018 | .013 | .010 | 23 | .053 | |
| 29 | .007 | .005 | .003 | BF | .004 | .002 | .002 | .004 | .009 | .025 | .045 | .048 | .057 | .058 | .056 | .053 | .055 | .055 | .052 | .034 | .021 | .016 | .013 | .010 | 23 | .058 | |
| 30 | .009 | .008 | .007 | BF | .005 | .002 | .002 | .005 | .014 | .034 | .044 | .045 | .046 | .047 | .049 | .050 | .050 | .050 | .050 | .049 | .048 | .048 | .046 | .036 | 23 | .050 | |
| 31 | .038 | .048 | .045 | BF | .051 | .051 | .044 | .046 | .046 | .045 | .049 | .047 | .045 | .043 | .043 | .042 | .041 | .044 | .043 | .045 | .043 | .044 | .042 | .033 | 23 | .051 | |
| NO.: | 29 | 29 | 29 | | 29 | 29 | 29 | 29 | 29 | 29 | 28 | 28 | 28 | 27 | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | | | |
| MAX: | .053 | .051 | .049 | | .052 | .052 | .049 | .049 | .051 | .051 | .051 | .051 | .057 | .058 | .056 | .053 | .055 | .055 | .056 | .056 | .056 | .049 | .047 | .051 | | | |
| AVG: | .0296 | .0284 | .0279 | | .0288 | .0266 | .0243 | .0250 | .0299 | .0375 | .0420 | .0445 | .0464 | .0464 | .0467 | .0468 | .0465 | .0463 | .0453 | .0393 | .0351 | .0316 | .0302 | .0293 | | | |

MONTHLY OBSERVATIONS: 658 MONTHLY MEAN: .0362 MONTHLY MAX: .058

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0008 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: 2236 ASHEVILLE ROAD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.50716
 LONGITUDE: -82.96337
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 791
 PROBE HEIGHT: 3.84

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .025 | .020 | .018 | BF | .011 | .008 | .006 | .034 | .039 | .040 | .042 | .044 | .045 | .046 | .047 | .048 | .048 | .047 | .046 | .040 | .028 | .019 | .014 | .011 | 23 | .048 | |
| 2 | .007 | .005 | .004 | BF | .003 | .003 | .002 | .005 | .019 | .029 | .029 | .039 | .035 | .040 | .041 | .042 | .044 | .043 | .041 | .034 | .024 | .017 | .016 | .016 | 23 | .044 | |
| 3 | .017 | .017 | .016 | BF | .030 | .035 | .051 | .052 | .049 | .046 | .041 | .034 | .031 | .038 | .043 | .047 | .050 | .050 | .047 | .038 | .031 | .035 | .047 | 23 | .052 | | |
| 4 | .046 | .045 | .046 | BF | .048 | .049 | .047 | .049 | .051 | .051 | .052 | .052 | .052 | .052 | .051 | .052 | .051 | .051 | .049 | .040 | .027 | .018 | .013 | .010 | 23 | .052 | |
| 5 | .009 | .007 | .005 | BF | .004 | .003 | .002 | .003 | .003 | .002 | .033 | .045 | .043 | .040 | .042 | .042 | .043 | .042 | .035 | .038 | .038 | .039 | .047 | .044 | 23 | .047 | |
| 6 | .043 | .041 | .042 | BF | .040 | .038 | .034 | .034 | .035 | .034 | .034 | .034 | .034 | .034 | .036 | .036 | .037 | .039 | .040 | .041 | .042 | .041 | .041 | .042 | 23 | .043 | |
| 7 | .043 | .043 | .043 | BF | .040 | .041 | .041 | .042 | .041 | .043 | .044 | .045 | .045 | .045 | .047 | .047 | .049 | .050 | .051 | .050 | .047 | .034 | .029 | .024 | .021 | 23 | .051 |
| 8 | .022 | .019 | .019 | BF | .016 | .015 | .016 | .018 | .024 | .035 | .045 | .050 | .055 | .058 | .058 | .059 | .059 | .059 | .055 | .030 | .021 | .015 | .013 | .012 | 23 | .059 | |
| 9 | .011 | .011 | .010 | BF | .009 | .009 | .009 | .012 | .026 | .038 | .046 | .054 | .057 | .058 | .057 | .058 | .062 | .067 | .064 | .053 | .039 | .031 | .023 | .021 | 23 | .067 | |
| 10 | .019 | .022 | .021 | BF | .027 | .020 | .019 | .033 | .056 | .059 | .060 | .060 | .060 | .059 | .058 | .059 | .058 | .058 | .058 | .059 | .057 | .058 | .058 | .058 | 23 | .060 | |
| 11 | .041 | .025 | .019 | BF | .016 | .014 | .009 | .007 | .029 | .057 | .057 | .059 | .059 | .060 | .061 | .064 | .060 | .059 | .051 | .042 | .055 | .056 | .044 | .032 | 23 | .064 | |
| 12 | .039 | .049 | .049 | BF | .027 | .020 | .015 | .015 | .029 | .042 | .052 | .055 | .058 | .056 | .059 | .061 | .061 | .060 | .059 | .044 | .026 | .016 | .013 | .011 | 23 | .061 | |
| 13 | .010 | .009 | .009 | BF | .007 | .006 | .004 | .011 | .029 | .031 | .045 | .060 | .060 | .060 | .059 | .061 | .060 | .056 | .050 | .036 | .019 | .013 | .012 | .010 | 23 | .061 | |
| 14 | .009 | .008 | .007 | BF | .005 | .003 | .003 | .009 | .023 | .042 | .060 | .065 | .066 | .067 | .067 | .063 | .057 | .059 | .059 | .057 | .047 | .031 | .024 | .020 | 23 | .067 | |
| 15 | .017 | .015 | .014 | BF | .014 | .011 | .027 | .047 | .049 | .050 | .052 | .052 | .053 | .056 | .057 | .059 | .058 | .057 | .055 | .053 | .051 | .050 | .038 | .027 | 23 | .059 | |
| 16 | .020 | .015 | .014 | BF | .046 | .050 | .050 | .050 | .051 | .051 | .051 | .051 | .050 | .049 | .048 | .048 | .048 | .048 | .046 | .037 | .021 | .015 | .012 | .010 | 23 | .051 | |
| 17 | .008 | .007 | .006 | BF | .004 | .002 | .001 | .005 | .011 | .039 | .046 | .043 | .040 | .040 | .040 | .041 | .040 | .038 | .029 | .021 | .014 | .009 | .008 | .006 | 23 | .046 | |
| 18 | .005 | .006 | .004 | BF | .005 | .007 | .012 | .014 | .013 | .023 | .034 | .036 | .040 | .038 | .038 | .039 | .038 | .033 | .032 | .023 | .019 | .015 | .015 | .015 | 23 | .040 | |
| 19 | .012 | .017 | .016 | BF | .014 | .010 | .012 | .016 | .022 | .024 | .026 | .034 | .043 | .044 | .045 | .046 | .046 | .044 | .043 | .031 | .018 | .009 | .004 | .002 | 23 | .046 | |
| 20 | .001 | .002 | .003 | BF | .003 | .001 | .002 | .003 | .003 | .012 | .040 | .043 | .045 | .046 | .047 | .041 | .037 | .034 | .029 | .016 | .008 | .005 | .003 | .002 | 23 | .047 | |
| 21 | .002 | .001 | .001 | BF | .003 | .002 | .001 | .012 | .041 | .044 | .044 | .044 | .045 | BA | BA | .035 | .038 | .034 | .027 | .028 | .024 | .020 | .020 | .024 | 21 | .045 | |
| 22 | .022 | .020 | .016 | BF | .013 | .012 | .010 | .018 | .037 | .039 | .039 | .039 | .041 | .045 | .048 | .049 | .049 | .047 | .037 | .051 | .047 | .043 | .041 | .039 | 23 | .051 | |
| 23 | .034 | .034 | .029 | BF | .017 | .025 | .026 | .032 | .027 | .028 | .031 | .031 | .031 | .029 | .028 | .028 | .023 | .021 | .023 | .018 | .017 | .018 | .013 | .015 | 23 | .034 | |
| 24 | .020 | .021 | .020 | BF | .016 | .016 | .016 | .020 | .022 | .021 | .026 | .022 | .024 | .023 | .026 | .026 | .026 | .026 | .020 | .021 | .016 | .011 | .011 | .007 | .003 | 23 | .026 |
| 25 | .009 | .012 | .013 | BF | .018 | .019 | .019 | .021 | .024 | .025 | .029 | .036 | .038 | .038 | .038 | .037 | .037 | .037 | .035 | .023 | .011 | .009 | .005 | .003 | 23 | .038 | |
| 26 | .002 | .003 | .005 | BF | .007 | .007 | .007 | .008 | .010 | .024 | .036 | .043 | .046 | .049 | .050 | .051 | .042 | .048 | .055 | .053 | .047 | .036 | .027 | .028 | 23 | .055 | |
| 27 | .051 | .056 | .056 | BF | .060 | .059 | .057 | .050 | .037 | .044 | .042 | .038 | .034 | .030 | .023 | .028 | .035 | .040 | .042 | .030 | .017 | .009 | .007 | .004 | 23 | .060 | |
| 28 | .003 | .003 | .003 | BF | .007 | .005 | .005 | .006 | .006 | .014 | .047 | .050 | .052 | .055 | .057 | .051 | .048 | .046 | .044 | .043 | .042 | .042 | .042 | .040 | 23 | .057 | |
| 29 | .038 | .037 | .038 | BF | .038 | .037 | .038 | .040 | .043 | .044 | .044 | .046 | .047 | .047 | .047 | .046 | .046 | .045 | .045 | .043 | .035 | .029 | .036 | .037 | 23 | .047 | |
| 30 | .037 | .033 | .033 | BF | .034 | .028 | .024 | .032 | .032 | .031 | .031 | .032 | .034 | .035 | .038 | .039 | .039 | .039 | .037 | .035 | .030 | .021 | .022 | .035 | 23 | .039 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .051 | .056 | .056 | | .060 | .059 | .057 | .052 | .056 | .059 | .060 | .065 | .066 | .067 | .067 | .064 | .062 | .067 | .064 | .059 | .057 | .058 | .058 | .058 | | | |
| AVG: | .0207 | .0201 | .0193 | | .0194 | .0185 | .0188 | .0233 | .0294 | .0354 | .0419 | .0445 | .0454 | .0462 | .0468 | .0468 | .0463 | .0457 | .0436 | .0376 | .0302 | .0252 | .0226 | .0215 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0325 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0008 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: 2236 ASHEVILLE ROAD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.50716
 LONGITUDE: -82.96337
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 791
 PROBE HEIGHT: 3.84

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .030 | .032 | .031 | BF | .034 | .032 | .029 | .032 | .032 | .031 | .029 | .033 | .031 | .035 | .039 | .044 | .057 | .062 | .060 | .056 | .055 | .056 | .056 | .057 | 23 | .062 |
| 2 | .054 | .055 | .055 | BF | .049 | .046 | .047 | .050 | .051 | .051 | .051 | .052 | .051 | .050 | .049 | .050 | .051 | .052 | .052 | .050 | .050 | .039 | .031 | .026 | 23 | .055 |
| 3 | .022 | .015 | .013 | BF | .009 | .007 | .007 | .019 | .033 | .044 | .049 | .051 | .052 | .053 | .052 | .052 | .050 | .047 | .048 | .051 | .051 | .046 | .046 | .028 | 23 | .053 |
| 4 | .046 | .050 | .047 | BF | .059 | .059 | .060 | .059 | .057 | .056 | .056 | .056 | .056 | .055 | .052 | .053 | .050 | .048 | .045 | .040 | .034 | .039 | .047 | .043 | 23 | .060 |
| 5 | .046 | .039 | .029 | BF | .020 | .021 | .025 | .028 | .029 | .037 | .036 | .035 | AI | .038 | .036 | .033 | .031 | .032 | .029 | .028 | .026 | .029 | .030 | .031 | 22 | .046 |
| 6 | .028 | .028 | .032 | BF | .046 | .046 | .046 | .046 | .049 | .052 | .054 | .053 | .049 | .048 | .044 | .043 | .041 | .038 | .036 | .027 | .015 | .009 | .006 | .008 | 23 | .054 |
| 7 | .014 | .015 | .016 | BF | .010 | .008 | .006 | .010 | .036 | .044 | .049 | .045 | .046 | .047 | .048 | .049 | .049 | .051 | .050 | .045 | .030 | .022 | .019 | .018 | 23 | .051 |
| 8 | .016 | .015 | .014 | BF | .011 | .009 | .009 | .024 | .048 | .051 | .053 | .054 | .054 | .056 | .058 | .057 | .057 | .057 | .056 | .050 | .034 | .030 | .027 | .026 | 23 | .058 |
| 9 | .024 | .022 | .041 | BF | .052 | .051 | .049 | .046 | .043 | .052 | .057 | .058 | .058 | .057 | .057 | .058 | .059 | .059 | .059 | .049 | .033 | .032 | .030 | .025 | 23 | .059 |
| 10 | .019 | .019 | .015 | BF | .015 | .010 | .011 | .024 | .043 | .062 | .070 | .069 | .069 | .066 | .062 | .062 | .063 | .061 | .050 | .033 | .024 | .018 | .016 | .015 | 23 | .070 |
| 11 | .014 | .013 | .013 | BF | .009 | .007 | .008 | .015 | .037 | .050 | .052 | .052 | .050 | .053 | .052 | .052 | .055 | .054 | .052 | .038 | .028 | .025 | .020 | .017 | 23 | .055 |
| 12 | .016 | .015 | .013 | BF | .010 | .005 | .007 | .014 | .023 | .036 | .046 | .051 | .047 | .040 | .030 | .024 | .041 | .034 | .027 | .023 | .020 | .016 | .009 | .010 | 23 | .051 |
| 13 | .010 | .010 | .008 | BF | .008 | .007 | .011 | .026 | .031 | .031 | .030 | .036 | .040 | .040 | .041 | .045 | .046 | .045 | .045 | .035 | .021 | .015 | .011 | .008 | 23 | .046 |
| 14 | .006 | .004 | .003 | BF | .003 | .005 | .008 | .009 | .018 | .036 | .051 | .061 | .061 | .060 | .059 | .059 | .058 | .058 | .055 | .050 | .032 | .024 | .016 | .012 | 23 | .061 |
| 15 | .010 | .007 | .006 | BF | .004 | .003 | .004 | .012 | .028 | .043 | .054 | .056 | .057 | .057 | .057 | .057 | .057 | .058 | .059 | .042 | .031 | .022 | .017 | .014 | 23 | .059 |
| 16 | .012 | .009 | .007 | BF | .005 | .003 | .003 | .018 | .031 | .043 | .049 | .051 | .053 | .054 | .054 | .055 | .056 | .056 | .058 | .045 | .034 | .023 | .018 | .019 | 23 | .058 |
| 17 | .015 | .016 | .016 | BF | .011 | .008 | .010 | .029 | .051 | .053 | .052 | .054 | .055 | .056 | .054 | .051 | .051 | .052 | .052 | .050 | .041 | .030 | .022 | .020 | 23 | .056 |
| 18 | .016 | .013 | .013 | BF | .011 | .010 | .018 | .035 | .037 | .039 | .041 | .041 | .040 | .041 | .042 | .043 | .041 | .039 | .038 | .037 | .037 | .041 | .045 | .030 | 23 | .045 |
| 19 | .022 | .023 | .016 | BF | .010 | .023 | .027 | .021 | .038 | .040 | .042 | .041 | AI | AI | .038 | .041 | .042 | .040 | .037 | .029 | .021 | .016 | .014 | .011 | 21 | .042 |
| 20 | .009 | .008 | .005 | BF | .002 | .002 | .002 | .005 | .018 | .037 | .044 | .049 | .048 | .048 | .050 | .048 | .045 | .045 | .044 | .043 | .032 | .037 | .033 | .024 | 23 | .050 |
| 21 | .023 | .018 | .016 | BF | .034 | .033 | .029 | .026 | .022 | .020 | .022 | .025 | .027 | .026 | .030 | .038 | .035 | .028 | .019 | .012 | .005 | .003 | .004 | .004 | 23 | .038 |
| 22 | .006 | .006 | .007 | BF | .008 | .006 | .006 | .009 | .013 | .024 | .035 | .036 | .037 | .039 | .038 | .035 | .035 | .032 | .028 | .017 | .011 | .010 | .007 | .005 | 23 | .039 |
| 23 | .006 | .008 | .040 | BF | .033 | .028 | .024 | .024 | .026 | .032 | .024 | .020 | .021 | .029 | .029 | .030 | .032 | .031 | .029 | .026 | .018 | .013 | .011 | .016 | 23 | .040 |
| 24 | .010 | .009 | .012 | BF | .006 | .008 | .007 | .005 | .011 | .019 | .035 | .034 | .036 | .040 | .039 | .035 | .038 | .040 | .040 | .028 | .022 | .015 | .022 | .036 | 23 | .040 |
| 25 | .028 | .023 | .035 | BF | .033 | .039 | .040 | .041 | .041 | .041 | .042 | .043 | .042 | .042 | .042 | .041 | .042 | .041 | .041 | .039 | .041 | .037 | .035 | .023 | 23 | .043 |
| 26 | .032 | .029 | .024 | BF | .018 | .012 | .012 | .024 | .039 | .045 | .046 | .047 | .049 | .051 | .054 | .054 | .052 | .050 | .050 | .036 | .025 | .016 | .013 | .011 | 23 | .054 |
| 27 | .009 | .008 | .008 | BF | .003 | .002 | .004 | .011 | .032 | .047 | .047 | .047 | .047 | .045 | .043 | .042 | .042 | .040 | .038 | .032 | .019 | .017 | .039 | .046 | 23 | .047 |
| 28 | .048 | .054 | .054 | BF | .030 | .026 | .032 | .047 | .042 | .042 | .043 | .043 | .045 | .045 | .044 | .045 | .046 | .052 | .052 | .049 | .039 | .007 | .016 | .017 | 23 | .054 |
| 29 | .016 | .013 | .011 | BF | .009 | .006 | .005 | .015 | .040 | .044 | .045 | .047 | .047 | .044 | .038 | .033 | .031 | .039 | .031 | .023 | .023 | .025 | .019 | .017 | 23 | .047 |
| 30 | .014 | .011 | .008 | BF | .004 | .003 | .004 | .008 | .017 | .023 | .039 | .045 | .047 | .049 | .048 | .048 | .047 | .044 | .039 | .033 | .024 | .021 | .017 | .013 | 23 | .049 |
| 31 | .012 | .010 | .008 | BF | .006 | .004 | .005 | .013 | .026 | .038 | .045 | .042 | .040 | .043 | .047 | .048 | .049 | .050 | .049 | .037 | .023 | .015 | .014 | .012 | 23 | .050 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .054 | .055 | .055 | | .059 | .059 | .060 | .059 | .057 | .062 | .070 | .069 | .069 | .066 | .062 | .062 | .063 | .062 | .060 | .056 | .055 | .056 | .056 | .057 | | |
| AVG: | .0204 | .0193 | .0199 | | .0181 | .0171 | .0179 | .0240 | .0336 | .0407 | .0448 | .0460 | .0467 | .0469 | .0460 | .0460 | .0467 | .0463 | .0441 | .0373 | .0289 | .0243 | .0230 | .0211 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0329 MONTHLY MAX: .070

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0008 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: 2236 ASHEVILLE ROAD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.50716
 LONGITUDE: -82.96337
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 791
 PROBE HEIGHT: 3.84

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .009 | .008 | .007 | BF | .004 | .003 | .003 | .012 | .021 | .033 | .054 | .057 | .058 | .059 | .058 | .057 | .052 | .050 | .041 | .031 | .025 | .020 | .018 | .015 | 23 | .059 | |
| 2 | .014 | .012 | .009 | BF | .007 | .004 | .007 | .018 | .020 | .047 | .052 | .054 | .055 | .055 | .055 | .056 | .057 | .058 | .058 | .050 | .032 | .023 | .017 | .017 | 23 | .058 | |
| 3 | .014 | .014 | .009 | BF | .004 | .004 | .005 | .017 | .031 | .044 | .053 | .052 | .052 | .053 | .054 | .055 | .057 | .052 | .035 | .025 | .020 | .019 | .016 | 23 | .057 | | |
| 4 | .015 | .013 | .010 | BF | .006 | .007 | .012 | .024 | .035 | .043 | .043 | .042 | .038 | .035 | .036 | .036 | .034 | .034 | .029 | .022 | .020 | .024 | .027 | .038 | 23 | .043 | |
| 5 | .033 | .020 | .025 | BF | .015 | .014 | .011 | .019 | .026 | .024 | .024 | .025 | .025 | .027 | .023 | .026 | .031 | .032 | .026 | .021 | .017 | .014 | .014 | .010 | 23 | .033 | |
| 6 | .008 | .008 | .008 | BF | .004 | .006 | .005 | .010 | .029 | .039 | .047 | .051 | .060 | .065 | .061 | .061 | .058 | .055 | .051 | .046 | .031 | .035 | .040 | .039 | 23 | .065 | |
| 7 | .026 | .024 | .022 | BF | .015 | .011 | .013 | .019 | .033 | .041 | .043 | .045 | .048 | .048 | .046 | .047 | .047 | .050 | .051 | .044 | .038 | .033 | .035 | .034 | 23 | .051 | |
| 8 | .041 | .044 | .039 | BF | .033 | .025 | .030 | .032 | .033 | .040 | .045 | .045 | .046 | .046 | .046 | .043 | .042 | .038 | .038 | .045 | .028 | .025 | .018 | .017 | 23 | .046 | |
| 9 | .013 | .010 | .008 | BF | .003 | .005 | .013 | .016 | .021 | .034 | .048 | .051 | .052 | .051 | .048 | .048 | .048 | .047 | .047 | .044 | .024 | .017 | .014 | .011 | 23 | .052 | |
| 10 | .008 | .006 | .005 | BF | .003 | .007 | .009 | .009 | .018 | .041 | .053 | .055 | .054 | .053 | .053 | .053 | .052 | .051 | .049 | .044 | .028 | .020 | .020 | .018 | 23 | .055 | |
| 11 | .016 | .016 | .014 | BF | .007 | .006 | .006 | .020 | .034 | .048 | .052 | .051 | .052 | .049 | .048 | .047 | .047 | .046 | .042 | .032 | .021 | .013 | .012 | .010 | 23 | .052 | |
| 12 | .010 | .008 | .006 | BF | .003 | .002 | .004 | .005 | .011 | .026 | .038 | .041 | .047 | .039 | .029 | .036 | .036 | .024 | .025 | .021 | .017 | .010 | .008 | .005 | 23 | .047 | |
| 13 | .004 | .002 | .002 | BF | .001 | .001 | .002 | .010 | .013 | .032 | .040 | .041 | .043 | .046 | .038 | .034 | .034 | .033 | .031 | .025 | .020 | .015 | .012 | .011 | 23 | .046 | |
| 14 | .010 | .010 | .006 | BF | .015 | .012 | .013 | .014 | .017 | .024 | .035 | .041 | .034 | .041 | .044 | .037 | .038 | .035 | .033 | .024 | .016 | .010 | .011 | .006 | 23 | .044 | |
| 15 | .003 | .003 | .003 | BF | .002 | .003 | .005 | .008 | .020 | .036 | .045 | .047 | .046 | .040 | .032 | .034 | .040 | .040 | .036 | .032 | .017 | .013 | .008 | .007 | 23 | .047 | |
| 16 | .005 | .004 | .004 | BF | .004 | .003 | .004 | .012 | .027 | .040 | .046 | .052 | .055 | BA | BA | .051 | .047 | .043 | .037 | .033 | .022 | .018 | .013 | .007 | 21 | .055 | |
| 17 | .006 | .005 | .004 | BF | .013 | .008 | .019 | .020 | .025 | .035 | .041 | .043 | .049 | .049 | .038 | .036 | .035 | .035 | .028 | .022 | .016 | .013 | .008 | .007 | 23 | .049 | |
| 18 | .004 | .011 | .009 | BF | .006 | .005 | .007 | .009 | .011 | .031 | .032 | .034 | .034 | .036 | .037 | .036 | .037 | .039 | .034 | .034 | .034 | .035 | .034 | .032 | 23 | .039 | |
| 19 | .034 | .033 | .023 | BF | .032 | .032 | .032 | .029 | .026 | .027 | .028 | .030 | .030 | .029 | .030 | .034 | .034 | .033 | .030 | .032 | .031 | .021 | .015 | 23 | .034 | | |
| 20 | .011 | .007 | .004 | BF | .009 | .009 | .010 | .011 | .016 | .040 | .048 | .050 | .048 | .052 | .050 | .043 | .040 | .039 | .039 | .034 | .026 | .017 | .011 | .009 | 23 | .052 | |
| 21 | .006 | .006 | .006 | BF | .004 | .003 | .002 | .004 | .013 | .027 | .036 | .036 | .038 | .035 | .033 | .030 | .025 | .020 | .016 | .018 | .011 | .006 | .004 | .002 | 23 | .038 | |
| 22 | .002 | .003 | .002 | BF | .002 | .000 | .000 | .002 | .007 | .010 | .014 | .015 | .017 | .014 | .016 | .015 | .012 | .009 | .008 | .005 | .005 | .005 | .006 | .007 | 23 | .017 | |
| 23 | .006 | .011 | .012 | BF | .012 | .012 | .013 | .014 | .016 | .018 | .020 | .020 | .019 | .019 | .023 | .028 | .028 | .028 | .026 | .025 | .023 | .021 | .020 | .019 | 23 | .028 | |
| 24 | .016 | .017 | .014 | BF | .006 | .004 | .008 | .015 | .026 | .026 | .024 | .028 | .030 | .031 | .032 | .035 | .039 | .040 | .037 | .041 | .034 | .017 | .013 | .009 | 23 | .041 | |
| 25 | .005 | .005 | .006 | BF | .001 | .001 | .005 | .009 | .025 | .033 | .034 | .033 | .033 | .034 | .035 | .040 | .042 | .042 | .042 | .037 | .023 | .015 | .011 | .008 | 23 | .042 | |
| 26 | .005 | .004 | .004 | BF | .006 | .006 | .007 | .010 | .015 | .028 | .047 | .047 | .049 | .048 | .047 | .045 | .039 | .041 | .043 | .038 | .023 | .015 | .011 | .009 | 23 | .049 | |
| 27 | .007 | .006 | .007 | BF | .007 | .004 | .004 | .010 | .028 | .041 | .044 | .041 | .042 | .042 | .045 | .046 | .047 | .049 | .049 | .033 | .022 | .016 | .014 | .011 | 23 | .049 | |
| 28 | .010 | .007 | .006 | BF | .004 | .003 | .006 | .010 | .017 | .035 | .048 | AZ | .050 | .051 | .050 | .051 | .048 | .049 | .053 | .051 | .035 | .030 | .024 | .020 | 22 | .053 | |
| 29 | .017 | .015 | .013 | BF | .010 | .006 | .005 | .017 | .045 | .047 | .047 | .046 | .045 | .044 | .043 | .041 | .040 | .041 | .038 | .039 | .033 | .032 | .021 | .019 | 23 | .047 | |
| 30 | .016 | .012 | .011 | BF | .009 | .012 | .011 | .010 | .018 | .019 | .016 | AI | BA | AI | .019 | .022 | .024 | .025 | .023 | .022 | .014 | .008 | .006 | .013 | 20 | .025 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 28 | 29 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .041 | .044 | .039 | | .033 | .032 | .032 | .032 | .045 | .048 | .054 | .057 | .060 | .065 | .061 | .061 | .058 | .058 | .058 | .051 | .038 | .035 | .040 | .039 | | | |
| AVG: | .0125 | .0115 | .0099 | | .0082 | .0073 | .0090 | .0138 | .0226 | .0336 | .0399 | .0419 | .0431 | .0425 | .0402 | .0406 | .0403 | .0395 | .0372 | .0326 | .0237 | .0190 | .0163 | .0147 | | | |

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .0259 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0008 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: 2236 ASHEVILLE ROAD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.50716
 LONGITUDE: -82.96337
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 791
 PROBE HEIGHT: 3.84

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .011 | .005 | .007 | BF | .003 | .002 | .004 | .020 | .025 | .031 | .037 | .039 | .040 | .039 | .039 | .036 | .033 | .037 | .031 | .020 | .012 | .018 | .019 | 23 | .040 | |
| 2 | .012 | .007 | .007 | BF | .006 | .004 | .008 | .015 | .020 | .027 | .035 | .040 | .040 | .040 | .042 | .042 | .040 | .040 | .037 | .028 | .020 | .012 | .009 | .006 | 23 | .042 |
| 3 | .003 | .002 | .001 | BF | .003 | .006 | .007 | .009 | .012 | .016 | .031 | .032 | .034 | .030 | .036 | .032 | .026 | .024 | .019 | .013 | .006 | .006 | .006 | .005 | 23 | .036 |
| 4 | .002 | .001 | .002 | BF | .004 | .005 | .006 | .005 | .008 | .014 | .023 | .022 | .026 | .030 | .031 | .032 | .032 | .032 | .028 | .025 | .023 | .015 | .011 | .008 | 23 | .032 |
| 5 | .006 | .020 | .011 | BF | .003 | .002 | .001 | .004 | .022 | .025 | .024 | .022 | .020 | .021 | .021 | .020 | .023 | .021 | .024 | .023 | .022 | .012 | .009 | .007 | 23 | .025 |
| 6 | .005 | .003 | .002 | BF | .001 | .001 | .001 | .003 | .016 | .017 | .022 | .028 | .032 | .030 | .028 | .025 | .024 | .022 | .022 | .022 | .021 | .022 | .023 | .025 | 23 | .032 |
| 7 | .027 | .028 | .030 | BF | .029 | .035 | .034 | .037 | .037 | .042 | .044 | .042 | .041 | .041 | .041 | .039 | .039 | .039 | .036 | .028 | .026 | .018 | .010 | .008 | 23 | .044 |
| 8 | .007 | .005 | .004 | BF | .002 | .004 | .028 | .034 | .038 | .040 | .045 | .050 | .049 | .044 | .042 | .043 | .042 | .043 | .037 | .027 | .014 | .010 | .006 | .004 | 23 | .050 |
| 9 | .003 | .008 | .011 | BF | .013 | .012 | .015 | .016 | .017 | .021 | .038 | .047 | .048 | .046 | .048 | .048 | .046 | .045 | .044 | .040 | .024 | .017 | .011 | .011 | 23 | .048 |
| 10 | .009 | .008 | .005 | BF | .003 | .005 | .007 | .009 | .015 | .029 | .042 | .043 | .047 | .049 | .048 | .048 | .047 | .049 | .040 | .029 | .017 | .013 | .010 | .008 | 23 | .049 |
| 11 | .007 | .006 | .004 | BF | .002 | .001 | .002 | .008 | .022 | .032 | .042 | .055 | .056 | .050 | .047 | .047 | .045 | .045 | .046 | .041 | .026 | .019 | .017 | .011 | 23 | .056 |
| 12 | .008 | .006 | .004 | BF | .001 | .001 | .002 | .004 | .021 | .040 | .045 | .050 | .051 | .051 | .049 | .049 | .047 | .043 | .041 | .030 | .020 | .013 | .013 | .011 | 23 | .051 |
| 13 | .008 | .006 | .004 | BF | .001 | .001 | .003 | .006 | .022 | .039 | .038 | .039 | .039 | .038 | .039 | .037 | .034 | .029 | .028 | .025 | .015 | .008 | .010 | .007 | 23 | .039 |
| 14 | .004 | .002 | .001 | BF | .005 | .004 | .005 | .008 | .014 | .028 | .038 | .039 | .040 | .041 | .039 | .035 | .034 | .034 | .031 | .029 | .017 | .012 | .010 | .008 | 23 | .041 |
| 15 | .005 | .004 | .004 | BF | .002 | .001 | .002 | .006 | .015 | .025 | .033 | .036 | .034 | .029 | .023 | .030 | .026 | .026 | .023 | .013 | .014 | .012 | .006 | .003 | 23 | .036 |
| 16 | .002 | .001 | .003 | BF | .009 | .008 | .010 | .013 | .018 | .035 | .041 | .045 | .045 | .042 | .044 | .045 | .046 | .050 | .044 | .029 | .023 | .018 | .013 | .013 | 23 | .050 |
| 17 | .013 | .011 | .007 | BF | .002 | .003 | .006 | .008 | .017 | .032 | .045 | .050 | .049 | .050 | .049 | .045 | .042 | .044 | .038 | .027 | .019 | .013 | .012 | .008 | 23 | .050 |
| 18 | .005 | .003 | .003 | BF | .002 | .004 | .004 | .007 | .017 | .031 | .040 | .047 | .048 | .048 | .047 | .048 | .047 | .047 | .044 | .046 | .036 | .023 | .019 | .014 | 23 | .048 |
| 19 | .011 | .007 | .005 | BF | .002 | .001 | .002 | .007 | .016 | .037 | .049 | .049 | .049 | .051 | .053 | .057 | .060 | .066 | .049 | .037 | .027 | .022 | .017 | 23 | .066 | |
| 20 | .013 | .010 | .008 | BF | .004 | .003 | .006 | .014 | .028 | .039 | .051 | .053 | .052 | .051 | .050 | .050 | .053 | .056 | .059 | .048 | .029 | .022 | .020 | .014 | 23 | .059 |
| 21 | .010 | .006 | .004 | BF | .002 | .002 | .005 | .010 | .020 | .043 | .050 | .055 | .059 | .058 | .046 | .043 | .041 | .042 | .040 | .035 | .021 | .016 | .011 | .008 | 23 | .059 |
| 22 | .006 | .005 | .004 | BF | .002 | .001 | .002 | .009 | .022 | .032 | .042 | .045 | .039 | .033 | .039 | .040 | .038 | .036 | .034 | .032 | .021 | .015 | .014 | .006 | 23 | .045 |
| 23 | .004 | .001 | .000 | BF | .000 | .000 | .000 | .005 | .022 | .039 | .042 | .043 | .040 | .034 | .038 | .036 | .036 | .027 | .019 | .015 | .011 | .007 | .005 | .012 | 23 | .043 |
| 24 | .042 | .029 | .025 | BF | .017 | .020 | .010 | .012 | .023 | .038 | .046 | .049 | .052 | .054 | .057 | .056 | .056 | .054 | .052 | .033 | .020 | .013 | .009 | .006 | 23 | .057 |
| 25 | .005 | .003 | .001 | BF | .000 | .000 | .001 | .004 | .018 | .038 | .048 | .051 | .055 | .055 | .056 | .057 | .058 | .058 | .060 | .055 | .033 | .024 | .020 | .015 | 23 | .060 |
| 26 | .011 | .008 | .006 | BF | .002 | .001 | .003 | .007 | .019 | .023 | .038 | .053 | .059 | .064 | .064 | .064 | .063 | .058 | .047 | .040 | .027 | .022 | .018 | .015 | 23 | .064 |
| 27 | .012 | .009 | .008 | BF | .003 | .002 | .001 | .007 | .035 | .044 | .040 | .043 | .045 | .046 | .043 | .039 | .031 | .025 | .027 | .020 | .016 | .011 | .007 | .004 | 23 | .046 |
| 28 | .004 | .003 | .002 | BF | .001 | .000 | .000 | .003 | .007 | .012 | .022 | .016 | .025 | .024 | AI | .024 | .027 | .027 | .028 | .029 | .026 | .018 | .009 | .007 | 22 | .029 |
| 29 | .011 | .026 | .027 | BF | .029 | .023 | .019 | .040 | .044 | .046 | .049 | .048 | .049 | .048 | .046 | .047 | .047 | .051 | .053 | .048 | .042 | .034 | .023 | .015 | 23 | .053 |
| 30 | .012 | .008 | .008 | BF | .011 | .006 | .004 | .013 | .023 | .038 | .042 | .042 | .042 | .042 | .041 | .041 | .041 | .042 | .044 | .038 | .024 | .018 | .013 | .011 | 23 | .044 |
| 31 | .008 | .006 | .005 | BF | .001 | .001 | .002 | .007 | .013 | .028 | .033 | .036 | .047 | .053 | .054 | .049 | .042 | .040 | .041 | .027 | .016 | .013 | .010 | .009 | 23 | .054 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .042 | .029 | .030 | | .029 | .035 | .034 | .040 | .044 | .046 | .051 | .055 | .059 | .064 | .064 | .064 | .063 | .060 | .066 | .055 | .042 | .034 | .023 | .025 | | |
| AVG: | .0092 | .0080 | .0069 | | .0053 | .0051 | .0065 | .0113 | .0208 | .0316 | .0392 | .0422 | .0436 | .0430 | .0432 | .0421 | .0408 | .0401 | .0385 | .0319 | .0223 | .0161 | .0129 | .0102 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0248 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0008 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: 2236 ASHEVILLE ROAD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.50716
 LONGITUDE: -82.96337
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 791
 PROBE HEIGHT: 3.84

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .007 | .008 | .006 | BF | .002 | .001 | .002 | .008 | .021 | .026 | .038 | .043 | .050 | .053 | .039 | .036 | .036 | .032 | .029 | .015 | .013 | .012 | .006 | .005 | 23 | .053 |
| 2 | .004 | .005 | .011 | BF | .007 | .008 | .009 | .011 | .016 | .031 | .034 | .037 | .046 | .050 | .050 | .045 | .043 | .045 | .044 | .036 | .020 | .013 | .009 | .007 | 23 | .050 |
| 3 | .004 | .003 | .002 | BF | .004 | .003 | .005 | .008 | .019 | .028 | .028 | .046 | .054 | .051 | .044 | .044 | .042 | .040 | .042 | .030 | .021 | .016 | .013 | .010 | 23 | .054 |
| 4 | .008 | .006 | .004 | BF | .004 | .007 | .009 | .007 | .019 | .027 | .043 | .042 | .043 | .045 | .042 | .043 | .041 | .034 | .029 | .019 | .013 | .011 | .012 | .006 | 23 | .045 |
| 5 | .004 | .004 | .005 | BF | .009 | .015 | .016 | .024 | .025 | .028 | .032 | .037 | .040 | .042 | .041 | .041 | .041 | .042 | .043 | .037 | .022 | .014 | .010 | .009 | 23 | .043 |
| 6 | .006 | .006 | .005 | BF | .002 | .002 | .002 | .007 | .014 | .020 | .043 | .046 | .045 | .045 | .046 | .046 | .045 | .041 | .036 | .020 | .013 | .011 | .011 | .012 | 23 | .046 |
| 7 | .014 | .015 | .014 | BF | .013 | .012 | .012 | .012 | .013 | .015 | .017 | .018 | .020 | .021 | .023 | .026 | .026 | .025 | .024 | .024 | .026 | .029 | .033 | .035 | 23 | .035 |
| 8 | .036 | .028 | .030 | BF | .026 | .026 | .021 | .017 | .021 | .025 | .032 | .039 | .042 | .043 | .043 | .043 | .046 | .047 | .046 | .032 | .021 | .018 | .012 | .021 | 23 | .047 |
| 9 | .014 | .010 | .008 | BF | .005 | .003 | .005 | .011 | .030 | .039 | .042 | .040 | .041 | .042 | .040 | .038 | .038 | .039 | .039 | .041 | .041 | .040 | .041 | .033 | 23 | .042 |
| 10 | .026 | .022 | .019 | BF | .018 | .017 | .013 | .019 | .034 | .031 | .034 | .034 | .030 | .028 | .029 | .027 | .025 | .025 | .026 | .022 | .014 | .009 | .010 | .006 | 23 | .034 |
| 11 | .006 | .003 | .004 | BF | .001 | .000 | .000 | .003 | .011 | .015 | .026 | .029 | .031 | .032 | .026 | .026 | .025 | .023 | .019 | .022 | .020 | .016 | .013 | .008 | 23 | .032 |
| 12 | .007 | .005 | .005 | BF | .005 | .005 | .006 | .009 | .014 | .021 | .027 | .024 | .032 | .033 | .029 | .030 | .029 | .029 | .022 | .012 | .006 | .005 | .005 | .003 | 23 | .033 |
| 13 | .002 | .004 | .008 | BF | .004 | .007 | .010 | .013 | .019 | .023 | .028 | .036 | .041 | .047 | .047 | .047 | .038 | .032 | .034 | .023 | .014 | .008 | .007 | .004 | 23 | .047 |
| 14 | .002 | .001 | .002 | BF | .009 | .008 | .007 | .011 | .014 | .023 | .040 | .046 | .046 | .043 | .043 | .041 | .039 | .039 | .035 | .030 | .024 | .018 | .013 | .013 | 23 | .046 |
| 15 | .012 | .011 | .010 | BF | .005 | .007 | .007 | .008 | .008 | .011 | .015 | .022 | .031 | .033 | .033 | .034 | .034 | .033 | .028 | .017 | .010 | .005 | .004 | .002 | 23 | .034 |
| 16 | .001 | .000 | .001 | BF | .001 | .001 | .002 | .004 | .007 | .023 | .035 | .040 | .040 | .035 | .027 | .032 | .029 | .024 | .025 | .014 | .008 | .004 | .001 | .000 | 23 | .040 |
| 17 | .000 | .000 | .002 | BF | .004 | .003 | .004 | .005 | .005 | .015 | .029 | .031 | .031 | .030 | .030 | .028 | .026 | .025 | .021 | .013 | .006 | .003 | .002 | .001 | 23 | .031 |
| 18 | .001 | .000 | .000 | BF | .000 | .000 | .000 | .002 | .012 | .022 | .025 | .027 | .030 | .032 | .035 | .039 | .042 | .042 | .039 | .031 | .018 | .011 | .008 | .004 | 23 | .042 |
| 19 | .002 | .002 | .001 | BF | .002 | .003 | .005 | .009 | .015 | .039 | .048 | .049 | .051 | .052 | .054 | .055 | .055 | .053 | .034 | .023 | .016 | .012 | .009 | .007 | 23 | .055 |
| 20 | .006 | .004 | .002 | BF | .000 | .000 | .002 | .005 | .011 | .025 | .037 | .040 | .043 | .046 | .049 | .042 | .036 | .037 | .033 | .027 | .019 | .013 | .010 | .006 | 23 | .049 |
| 21 | .005 | .005 | .006 | BF | .003 | .002 | .002 | .007 | .019 | .043 | .051 | .056 | .060 | .050 | .040 | .045 | .051 | .049 | .036 | .027 | .019 | .013 | .012 | .009 | 23 | .060 |
| 22 | .006 | .006 | .003 | BF | .002 | .003 | .005 | .008 | .014 | .025 | .046 | .048 | .051 | .049 | .048 | .047 | .046 | .045 | .038 | .022 | .015 | .013 | .008 | .006 | 23 | .051 |
| 23 | .006 | .006 | .005 | BF | .003 | .002 | .001 | .006 | .024 | .034 | .036 | .040 | .043 | .043 | .045 | .045 | .046 | .048 | .047 | .041 | .027 | .018 | .013 | .010 | 23 | .048 |
| 24 | .008 | .007 | .006 | BF | .003 | .002 | .002 | .007 | .017 | .031 | .039 | .043 | .045 | .043 | .044 | .051 | .053 | .054 | .052 | .047 | .033 | .024 | .019 | .017 | 23 | .054 |
| 25 | .015 | .013 | .010 | BF | .006 | .003 | .003 | .008 | .019 | .031 | .037 | .049 | .054 | BA | BA | .044 | .047 | .047 | .044 | .040 | .028 | .022 | .018 | .011 | 21 | .054 |
| 26 | .008 | .006 | .003 | BF | .002 | .001 | .001 | .005 | .014 | .039 | .045 | .049 | .051 | .051 | .051 | .057 | .052 | .045 | .044 | .040 | .037 | .029 | .026 | .019 | 23 | .057 |
| 27 | .014 | .014 | .011 | BF | .006 | .004 | .005 | .013 | .036 | .043 | .043 | .044 | .044 | .044 | .043 | .042 | .042 | .039 | .041 | .040 | .034 | .023 | .016 | 23 | .044 | |
| 28 | .012 | .010 | .007 | BF | .008 | .013 | .027 | .031 | .042 | .046 | .048 | .049 | .048 | .047 | .045 | .044 | .044 | .039 | .027 | .018 | .018 | .016 | .037 | 23 | .049 | |
| 29 | .040 | .036 | .029 | BF | .026 | .018 | .018 | .020 | .030 | .035 | .042 | .046 | .045 | .045 | .043 | .047 | .047 | .046 | .038 | .021 | .014 | .010 | .010 | .007 | 23 | .047 |
| 30 | .006 | .003 | .003 | BF | .001 | .001 | .002 | .005 | .007 | .021 | .041 | .047 | .048 | .047 | .039 | .033 | .030 | .029 | .024 | .018 | .014 | .011 | .007 | .005 | 23 | .048 |
| 31 | .006 | .006 | .011 | BF | .007 | .006 | .004 | .005 | .009 | .016 | .016 | .019 | .018 | .022 | .028 | .029 | .023 | .018 | .013 | .008 | .005 | .003 | .002 | .004 | 23 | .029 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .040 | .036 | .030 | | .026 | .026 | .027 | .031 | .042 | .046 | .051 | .056 | .060 | .053 | .054 | .057 | .055 | .054 | .052 | .047 | .041 | .040 | .041 | .037 | | |
| AVG: | .0093 | .0080 | .0075 | | .0061 | .0059 | .0067 | .0099 | .0180 | .0275 | .0354 | .0392 | .0417 | .0415 | .0399 | .0403 | .0393 | .0379 | .0343 | .0265 | .0192 | .0149 | .0124 | .0107 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0231 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0008 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: 2236 ASHEVILLE ROAD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.50716
 LONGITUDE: -82.96337
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 791
 PROBE HEIGHT: 3.84

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .007 | .003 | .002 | BF | .005 | .005 | .014 | .025 | .034 | .033 | .030 | .026 | .029 | .036 | .038 | .042 | .042 | .043 | .042 | .042 | .039 | .035 | .032 | .031 | 23 | .043 |
| 2 | .034 | .035 | .033 | BF | .032 | .034 | .035 | .033 | .033 | .037 | .040 | .040 | .039 | .037 | .037 | .039 | .039 | .039 | .039 | .037 | .037 | .040 | .036 | .025 | 23 | .040 |
| 3 | .022 | .014 | .009 | BF | .004 | .004 | .003 | .005 | .016 | .031 | .038 | .040 | .042 | .043 | .044 | .043 | .043 | .041 | .028 | .017 | .010 | .007 | .005 | .004 | 23 | .044 |
| 4 | .004 | .003 | .002 | BF | .001 | .001 | .001 | .003 | .009 | .016 | .026 | .039 | .041 | .041 | .043 | .046 | .043 | .038 | .029 | .017 | .011 | .007 | .006 | .005 | 23 | .046 |
| 5 | .003 | .003 | .003 | BF | .002 | .001 | .001 | .003 | .029 | .042 | .042 | .041 | .041 | .043 | .044 | .047 | .045 | .040 | .034 | .030 | .035 | .029 | .022 | .017 | 23 | .047 |
| 6 | .017 | .015 | .018 | BF | .028 | .030 | .029 | .027 | .023 | .023 | .024 | .024 | .032 | .039 | .041 | .041 | .039 | .036 | .035 | .019 | .011 | .012 | .006 | .004 | 23 | .041 |
| 7 | .003 | .003 | .004 | BF | .003 | .002 | .002 | .002 | .014 | .023 | .034 | .038 | .039 | .041 | .040 | .039 | .037 | .037 | .033 | .019 | .015 | .010 | .008 | .006 | 23 | .041 |
| 8 | .005 | .003 | .004 | BF | .009 | .011 | .011 | .009 | .008 | .012 | AO | 9 | .012 |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 10 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 11 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 12 | AO | AO | AO | AO | AO | AO | AO | BA | BC | BC | .025 | .028 | .028 | .029 | .028 | .028 | .027 | .025 | .023 | .018 | .013 | .012 | .007 | .005 | 14 | .029 |
| 13 | .003 | .005 | .007 | BF | .007 | .003 | .002 | .035 | .045 | .047 | .046 | .047 | .047 | .043 | .041 | .040 | .045 | .048 | .048 | .046 | .044 | .040 | .040 | .035 | 23 | .048 |
| 14 | .030 | .037 | .043 | BF | .043 | .041 | .032 | .031 | .025 | .030 | .038 | .041 | .038 | .034 | .031 | .029 | .028 | .026 | .022 | .013 | .007 | .004 | .002 | .002 | 23 | .043 |
| 15 | .002 | .002 | .002 | BF | .005 | .005 | .004 | .010 | .012 | .014 | .017 | .033 | .037 | .037 | .039 | .038 | .036 | .031 | .018 | .008 | .004 | .003 | .002 | .001 | 23 | .039 |
| 16 | .001 | .002 | .003 | BF | .006 | .006 | .006 | .008 | .008 | .012 | .022 | .038 | .045 | .044 | .043 | .041 | .042 | .035 | .021 | .010 | .007 | .004 | .003 | .002 | 23 | .045 |
| 17 | .002 | .004 | .005 | BF | .006 | .007 | .007 | .007 | .008 | .012 | .024 | .044 | .044 | .045 | .046 | .047 | .046 | .040 | .025 | .014 | .009 | .005 | .004 | .003 | 23 | .047 |
| 18 | .002 | .002 | .003 | BF | .008 | .006 | .007 | .008 | .010 | .018 | .031 | .044 | .044 | .047 | .048 | .051 | .051 | .049 | .030 | .017 | .011 | .008 | .006 | .005 | 23 | .051 |
| 19 | .004 | .003 | .002 | BF | .004 | .004 | .004 | .004 | .008 | .020 | .036 | .046 | .046 | .046 | .049 | .047 | .040 | .028 | .020 | .012 | .011 | .008 | .008 | .005 | 23 | .049 |
| 20 | .003 | .002 | .002 | BF | .004 | .004 | .003 | .006 | .008 | .016 | .031 | .045 | .045 | .047 | .042 | .040 | .039 | .030 | .018 | .008 | .004 | .002 | .002 | .002 | 23 | .047 |
| 21 | .003 | .004 | .004 | BF | .004 | .004 | .005 | .005 | .007 | .018 | .037 | .045 | .044 | .046 | .049 | .049 | .052 | .049 | .028 | .017 | .011 | .008 | .005 | .003 | 23 | .052 |
| 22 | .002 | .002 | .002 | BF | .004 | .006 | .006 | .007 | .009 | .014 | .028 | .049 | .056 | .063 | .064 | .060 | .049 | .043 | .030 | .023 | .016 | .013 | .008 | .006 | 23 | .064 |
| 23 | .004 | .002 | .002 | BF | .003 | .004 | .004 | .006 | .010 | .016 | .038 | .053 | .059 | .056 | .050 | .048 | .049 | .048 | .044 | .027 | .020 | .020 | .015 | .009 | 23 | .059 |
| 24 | .007 | .004 | .003 | BF | .002 | .003 | .006 | .010 | .013 | .019 | .033 | .050 | .051 | .045 | .044 | .043 | .044 | .039 | .022 | .014 | .009 | .006 | .004 | .003 | 23 | .051 |
| 25 | .002 | .002 | .002 | BF | .002 | .001 | .001 | .002 | .008 | .010 | .017 | .040 | .048 | .058 | .063 | .060 | .051 | .044 | .026 | .014 | .009 | .006 | .005 | .003 | 23 | .063 |
| 26 | .002 | .002 | .003 | BF | .003 | .002 | .002 | .003 | .007 | .024 | .043 | .048 | .048 | .048 | .048 | .051 | .052 | .048 | .029 | .017 | .009 | .007 | .006 | .004 | 23 | .052 |
| 27 | .003 | .003 | .002 | BF | .003 | .003 | .006 | .009 | .009 | .021 | .042 | .050 | .050 | .051 | .049 | .050 | .056 | .052 | .031 | .017 | .014 | .008 | .006 | .004 | 23 | .056 |
| 28 | .003 | .002 | .002 | BF | .003 | .003 | .004 | .004 | .008 | .025 | .045 | .061 | .061 | .060 | .061 | .062 | .059 | .060 | .049 | .027 | .023 | .018 | .016 | .011 | 23 | .062 |
| 29 | .008 | .005 | .003 | BF | .002 | .001 | .001 | .002 | .007 | .021 | .036 | .040 | .041 | .048 | .044 | .046 | .051 | .050 | .046 | .032 | .027 | .031 | .023 | .021 | 23 | .051 |
| 30 | .016 | .017 | .017 | BF | .015 | .013 | .008 | .011 | .021 | .037 | .046 | .047 | .048 | .048 | .046 | .047 | .049 | .049 | .035 | .023 | .017 | .014 | .012 | .009 | 23 | .049 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 26 | 26 | 26 | | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | 26 | |
| MAX: | .034 | .037 | .043 | | .043 | .041 | .035 | .035 | .045 | .047 | .046 | .061 | .061 | .063 | .064 | .062 | .059 | .060 | .049 | .046 | .044 | .040 | .040 | .035 | | |
| AVG: | .0074 | .0069 | .0070 | | .0080 | .0078 | .0078 | .0106 | .0150 | .0227 | .0334 | .0422 | .0440 | .0452 | .0451 | .0452 | .0444 | .0411 | .0310 | .0207 | .0163 | .0137 | .0111 | .0087 | | |

MONTHLY OBSERVATIONS: 598 MONTHLY MEAN: .0233 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0008 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: 2236 ASHEVILLE ROAD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.50716
 LONGITUDE: -82.96337
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 791
 PROBE HEIGHT: 3.84

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .007 | .007 | .007 | BF | .005 | .004 | .003 | .003 | .015 | .029 | .033 | .036 | .038 | .038 | .038 | .038 | .037 | .035 | .029 | .021 | .014 | .011 | .007 | .006 | 23 | .038 |
| 2 | .006 | .004 | .003 | BF | .003 | .002 | .002 | .003 | .014 | .026 | .037 | .038 | .040 | .042 | .042 | .043 | .042 | .042 | .034 | .024 | .013 | .009 | .006 | .005 | 23 | .043 |
| 3 | .004 | .003 | .004 | BF | .004 | .004 | .004 | .005 | .011 | .027 | .035 | .044 | .045 | .044 | .045 | .048 | .049 | .049 | .041 | .026 | .014 | .011 | .009 | .006 | 23 | .049 |
| 4 | .005 | .004 | .004 | BF | .003 | .003 | .003 | .005 | .010 | .025 | .035 | .038 | .042 | .045 | .043 | .041 | .046 | .044 | .022 | .014 | .011 | .008 | .006 | .004 | 23 | .046 |
| 5 | .004 | .003 | .003 | BF | .002 | .002 | .001 | .003 | .009 | .018 | .018 | .039 | .048 | .050 | .054 | .057 | .059 | .055 | .034 | .020 | .013 | .010 | .008 | .006 | 23 | .059 |
| 6 | .006 | .006 | .005 | BF | .003 | .003 | .002 | .003 | .018 | .028 | .039 | .047 | .052 | BA | .051 | .045 | .041 | .036 | .024 | .015 | .010 | .009 | .007 | .006 | 22 | .052 |
| 7 | .006 | .006 | .005 | BF | .006 | .008 | .008 | .007 | .009 | .017 | .030 | .031 | .028 | .026 | .025 | .025 | .025 | .022 | .015 | .009 | .007 | .008 | .012 | .015 | 23 | .031 |
| 8 | .013 | .012 | .008 | BF | .003 | .003 | .002 | .002 | .003 | .009 | .011 | .018 | .019 | .020 | .019 | .014 | .017 | .028 | .023 | .020 | .024 | .015 | .013 | .016 | 23 | .028 |
| 9 | .019 | .018 | .018 | BF | .018 | .017 | .018 | .018 | .020 | .023 | .024 | .024 | .024 | .025 | .026 | .025 | .023 | .022 | .013 | .006 | .004 | .003 | .002 | .002 | 23 | .026 |
| 10 | .001 | .001 | .001 | BF | .010 | .007 | .002 | .002 | .007 | .015 | .019 | .022 | .024 | .024 | .023 | .025 | .024 | .018 | .006 | .004 | .002 | .001 | .001 | .001 | 23 | .025 |
| 11 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .001 | .003 | .014 | .027 | .031 | .033 | .034 | .033 | .034 | .028 | .013 | .007 | .004 | .003 | .002 | .002 | 23 | .034 | |
| 12 | .002 | .002 | .001 | BF | .003 | .005 | .002 | .002 | .014 | .027 | .027 | .032 | .045 | .051 | .048 | .045 | .044 | .025 | .015 | .010 | .007 | .006 | .005 | .004 | 23 | .051 |
| 13 | .004 | .003 | .002 | BF | .002 | .002 | .002 | .004 | .014 | .027 | .032 | .035 | .038 | .038 | .041 | .039 | .035 | .024 | .016 | .017 | .014 | .010 | .006 | .003 | 23 | .041 |
| 14 | .003 | .005 | .011 | BF | .008 | .008 | .006 | .004 | .020 | .023 | .025 | .034 | .042 | .044 | .043 | .043 | .042 | .038 | .020 | .013 | .008 | .006 | .004 | .003 | 23 | .044 |
| 15 | .002 | .001 | .001 | BF | .002 | .002 | .001 | .002 | .006 | .031 | .031 | .031 | .031 | .031 | .030 | .030 | .032 | .029 | .024 | .016 | .012 | .016 | .018 | 23 | .032 | |
| 16 | .016 | .026 | .031 | BF | .029 | .022 | .018 | .018 | .019 | .020 | .022 | .024 | .027 | .031 | .034 | .033 | .033 | .033 | .023 | .014 | .010 | .008 | .006 | .006 | 23 | .034 |
| 17 | .006 | .005 | .005 | BF | .006 | .007 | .007 | .009 | .010 | .012 | .022 | .023 | .029 | .040 | .040 | .040 | .036 | .028 | .015 | .009 | .007 | .005 | .004 | .004 | 23 | .040 |
| 18 | .003 | .003 | .003 | BF | .003 | .004 | .002 | .004 | .006 | .018 | .018 | .026 | .029 | .036 | .038 | .040 | .039 | .039 | .023 | .012 | .007 | .006 | .004 | .003 | 23 | .040 |
| 19 | .003 | .003 | .003 | BF | .003 | .003 | .002 | .003 | .011 | .020 | .033 | .039 | .045 | .049 | .051 | .051 | .049 | .030 | .015 | .009 | .006 | .005 | .005 | .004 | 23 | .051 |
| 20 | .004 | .003 | .003 | BF | .002 | .002 | .001 | .002 | .010 | .024 | .030 | .030 | .045 | .050 | .051 | .051 | .048 | .034 | .016 | .008 | .006 | .005 | .004 | .004 | 23 | .051 |
| 21 | .003 | .003 | .003 | BF | .002 | .002 | .001 | .002 | .008 | .015 | .024 | .046 | .047 | .051 | .052 | .049 | .048 | .040 | .029 | .022 | .012 | .009 | .009 | .008 | 23 | .052 |
| 22 | .007 | .006 | .005 | BF | .005 | .004 | .004 | .004 | .011 | .023 | .041 | .043 | .042 | .042 | .042 | .042 | .040 | .040 | .040 | .039 | .039 | .033 | .030 | .033 | 23 | .043 |
| 23 | .032 | .032 | .032 | BF | .024 | .023 | .019 | .009 | .009 | .027 | .027 | .024 | .026 | .032 | .039 | .042 | .044 | .043 | .043 | .025 | .035 | .034 | .036 | .032 | 23 | .044 |
| 24 | .024 | .013 | .009 | BF | .005 | .004 | .003 | .006 | .010 | .033 | .038 | .040 | .041 | .043 | .043 | .043 | .042 | .041 | .037 | .039 | .037 | .020 | .015 | .012 | 23 | .043 |
| 25 | .013 | .014 | .011 | BF | .009 | .006 | .005 | .006 | .012 | .033 | .035 | .034 | .034 | .034 | .035 | .033 | .033 | .032 | .026 | .027 | .014 | .012 | .030 | 23 | .035 | |
| 26 | .024 | .018 | .015 | BF | .012 | .009 | .007 | .006 | .010 | .025 | .034 | .041 | .043 | .043 | .043 | .043 | .041 | .025 | .014 | .009 | .008 | .007 | .005 | .005 | 23 | .043 |
| 27 | .005 | .005 | .004 | BF | .004 | .003 | .002 | .003 | .005 | .015 | .046 | .046 | .045 | .045 | .046 | .046 | .047 | .046 | .047 | .048 | .027 | .019 | .019 | .018 | 23 | .048 |
| 28 | .017 | .035 | .046 | BF | .047 | .048 | .046 | .041 | .037 | .038 | .040 | .040 | .041 | .038 | .036 | .034 | .035 | .035 | .033 | .028 | .019 | .018 | .019 | .019 | 23 | .048 |
| 29 | .019 | .017 | .017 | BF | .018 | .018 | .018 | .018 | .018 | .017 | .017 | .019 | .020 | .023 | .023 | .024 | .025 | .027 | .028 | .027 | .024 | .023 | .025 | .024 | 23 | .028 |
| 30 | .023 | .024 | .017 | BF | .009 | .004 | .002 | .004 | .014 | .028 | .035 | .036 | .038 | .039 | .041 | .040 | .039 | .034 | .031 | .022 | .015 | .014 | .017 | .022 | 23 | .041 |
| 31 | .019 | .015 | .014 | BF | .008 | .006 | .001 | .002 | .011 | .030 | .033 | .042 | .049 | .050 | .049 | .049 | .048 | .044 | .035 | .017 | .009 | .007 | .006 | .005 | 23 | .050 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .032 | .035 | .046 | | .047 | .048 | .046 | .041 | .037 | .038 | .046 | .047 | .052 | .051 | .054 | .057 | .059 | .055 | .047 | .048 | .039 | .034 | .036 | .033 | | |
| AVG: | .0097 | .0096 | .0094 | | .0084 | .0076 | .0063 | .0065 | .0121 | .0231 | .0296 | .0340 | .0371 | .0386 | .0395 | .0391 | .0386 | .0344 | .0253 | .0186 | .0139 | .0113 | .0109 | .0105 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0206 MONTHLY MAX: .059

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0008 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: 2236 ASHEVILLE ROAD
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.50716
 LONGITUDE: -82.96337
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 791
 PROBE HEIGHT: 3.84

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .005 | .004 | .004 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .005 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .005 | .004 | .004 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0050 | .0040 | .0040 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0043 MONTHLY MAX: .005

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0035 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: TOWER BLUE RIDGE PKWY MILE MARKER 410
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.379167
 LONGITUDE: -82.7925
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1617.88
 PROBE HEIGHT: 4.67

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .035 | .035 | .035 | .036 | .036 | .035 | .033 | .033 | .032 | .031 | .032 | .033 | BF | .031 | .031 | .030 | .029 | .031 | .037 | .035 | .037 | .039 | .039 | .038 | 23 | .039 |
| 2 | .042 | .043 | .043 | .044 | .042 | .041 | .040 | .039 | .039 | .040 | .040 | .042 | BF | .043 | .045 | .047 | .047 | .047 | .046 | .044 | .043 | .042 | .041 | .041 | 23 | .047 |
| 3 | .044 | .045 | .045 | .045 | .044 | .043 | .043 | .040 | .039 | .040 | .041 | .045 | BF | .045 | .046 | .046 | .046 | .046 | .044 | .044 | .043 | .042 | .042 | .042 | 23 | .046 |
| 4 | .045 | .046 | .051 | .052 | .052 | .049 | .051 | .050 | .051 | .051 | .050 | .050 | BF | .052 | .053 | .053 | .051 | .052 | .051 | .050 | .050 | .051 | .051 | .052 | 23 | .053 |
| 5 | .053 | .052 | .051 | .052 | .052 | .052 | .053 | .053 | .051 | .050 | .049 | .049 | BF | .049 | .051 | .052 | .053 | .055 | .056 | .058 | .059 | .058 | .058 | .058 | 23 | .059 |
| 6 | .056 | .053 | .053 | .052 | .053 | .051 | .049 | .048 | .047 | .047 | .044 | .042 | BF | .045 | .045 | .045 | .044 | .044 | .045 | .044 | .044 | .043 | .044 | .043 | 23 | .056 |
| 7 | .042 | .043 | .041 | .042 | .044 | .045 | .046 | .045 | .044 | .044 | .043 | .043 | BF | .039 | .041 | .043 | .043 | .043 | .044 | .046 | .045 | .043 | .042 | .040 | 23 | .046 |
| 8 | .038 | .039 | .037 | .041 | .043 | .046 | .046 | .047 | .048 | .048 | .049 | .050 | BF | .050 | .051 | .051 | .051 | .051 | .050 | .049 | .050 | .051 | .051 | .051 | 23 | .051 |
| 9 | .051 | .052 | .052 | .053 | .052 | .050 | .050 | .050 | .051 | .051 | .051 | .052 | BF | .051 | .052 | .054 | .053 | .053 | .052 | .053 | .053 | .053 | .053 | .054 | 23 | .054 |
| 10 | .053 | .052 | .047 | .044 | .043 | .045 | .044 | .045 | .046 | .046 | .044 | .045 | BF | .045 | .047 | .047 | .047 | .047 | .046 | .045 | .045 | .045 | .046 | .045 | 23 | .053 |
| 11 | .045 | .044 | .044 | .043 | .043 | .042 | .041 | .041 | .043 | .043 | .042 | .041 | BF | .041 | .040 | .040 | .039 | .037 | .035 | .036 | .035 | .034 | .038 | .039 | 23 | .045 |
| 12 | .036 | .037 | .036 | .036 | .038 | .034 | .039 | .037 | .036 | .044 | .046 | .045 | BF | .048 | .047 | .045 | .045 | .044 | .044 | .044 | .042 | .047 | .045 | .044 | 23 | .048 |
| 13 | .043 | .040 | .041 | .042 | .044 | .045 | .046 | .046 | .046 | .046 | .044 | .044 | BF | .044 | .044 | .044 | .044 | .042 | .042 | .043 | .043 | .041 | .035 | .033 | 23 | .046 |
| 14 | .033 | .034 | .034 | .037 | .038 | .038 | .038 | .040 | .039 | .039 | .037 | .034 | BF | .033 | .034 | .037 | .037 | .038 | .040 | .040 | .040 | .040 | .039 | .041 | 23 | .041 |
| 15 | .041 | .042 | .042 | .041 | .041 | .041 | .042 | .042 | .041 | .042 | .042 | .042 | BF | .043 | .043 | .044 | .044 | .044 | .043 | .043 | .042 | .042 | .042 | .042 | 23 | .044 |
| 16 | .043 | .043 | .043 | .043 | .042 | .042 | .042 | .042 | .043 | .045 | .047 | .048 | BK | .051 | .051 | .051 | .049 | .050 | .049 | .048 | .049 | .051 | .053 | .055 | 23 | .055 |
| 17 | .056 | .057 | .063 | .057 | .053 | .051 | .050 | .051 | .050 | .048 | .078 | .046 | BF | .046 | .048 | .048 | .047 | .048 | .051 | .049 | .046 | .045 | .045 | .045 | 23 | .078 |
| 18 | .043 | .045 | .046 | .045 | .048 | .047 | .046 | .044 | .042 | .041 | .042 | .044 | BF | .046 | .047 | .049 | .049 | .050 | .050 | .051 | .050 | .047 | .043 | .040 | 23 | .051 |
| 19 | .036 | .035 | .036 | .036 | .035 | .035 | .034 | .033 | .032 | .032 | .031 | .031 | BF | .035 | .037 | .037 | .038 | .038 | .038 | .038 | .038 | .038 | .039 | .051 | 23 | .051 |
| 20 | .052 | .053 | .053 | .053 | .053 | .055 | .057 | .057 | .056 | .055 | .052 | .050 | BF | .048 | .047 | .046 | .045 | .044 | .044 | .045 | .045 | .046 | .048 | .051 | 23 | .057 |
| 21 | .051 | .052 | .052 | .052 | .050 | .048 | .047 | .047 | .046 | .045 | .046 | .048 | BF | .049 | .050 | .051 | .052 | .052 | .049 | .052 | .053 | .052 | .052 | .050 | 23 | .053 |
| 22 | .047 | .047 | .045 | .043 | .043 | .043 | .042 | .042 | .042 | .042 | .043 | .045 | BF | .049 | .052 | .053 | .054 | .052 | .050 | .050 | .050 | .049 | .050 | .049 | 23 | .054 |
| 23 | .049 | .048 | .047 | .045 | .044 | .043 | .044 | .045 | .045 | .045 | .046 | .047 | BF | .049 | .050 | .051 | .052 | .053 | .052 | .052 | .052 | .051 | .050 | .049 | 23 | .053 |
| 24 | .049 | .050 | .051 | .051 | .051 | .051 | .050 | .049 | .049 | .049 | .047 | .046 | BF | .044 | .043 | .044 | .044 | .044 | .044 | .049 | .049 | .048 | .048 | .046 | 23 | .051 |
| 25 | .046 | .046 | .046 | .045 | .043 | .044 | .044 | .044 | .043 | .043 | .043 | .043 | BF | .045 | .046 | .046 | .044 | .043 | .043 | .044 | .044 | .044 | .044 | .044 | 23 | .046 |
| 26 | .041 | .039 | .039 | .039 | .039 | .039 | .038 | .039 | .042 | .041 | .040 | .043 | BF | .040 | .041 | .042 | .041 | .040 | .039 | .043 | .042 | .040 | .042 | .042 | 23 | .043 |
| 27 | .040 | .039 | .040 | .040 | .040 | .042 | .043 | .043 | .044 | .045 | .045 | .042 | BF | .039 | .038 | .042 | .043 | .044 | .043 | .044 | .046 | .045 | .043 | .049 | 23 | .049 |
| 28 | .056 | .054 | .051 | .051 | .052 | .050 | .049 | .048 | .048 | .049 | BA | .050 | BF | .050 | .050 | .051 | .053 | .052 | .050 | .048 | .048 | .047 | .049 | .050 | 22 | .056 |
| 29 | .049 | .046 | .042 | .051 | .054 | .054 | .054 | .051 | .049 | .048 | .048 | .049 | BF | .050 | .050 | .050 | .052 | .053 | .054 | .056 | .054 | .055 | .055 | .055 | 23 | .056 |
| 30 | .054 | .054 | .052 | .051 | .051 | .048 | .044 | .041 | .040 | .040 | .042 | .040 | BF | .038 | .039 | .041 | .043 | .043 | .043 | .042 | .041 | .040 | .042 | .044 | 23 | .054 |
| 31 | .045 | .048 | .047 | .049 | .055 | .054 | .050 | .049 | .046 | .044 | .047 | .047 | BF | .045 | .042 | .042 | .042 | .044 | .043 | .043 | .043 | .044 | .044 | .042 | 23 | .055 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .056 | .057 | .063 | .057 | .055 | .055 | .057 | .057 | .056 | .055 | .078 | .052 | | .052 | .053 | .054 | .054 | .055 | .056 | .058 | .059 | .058 | .058 | .058 | | |
| AVG: | .0456 | .0456 | .0453 | .0455 | .0457 | .0453 | .0450 | .0445 | .0442 | .0443 | .0450 | .0444 | | .0446 | .0452 | .0459 | .0458 | .0459 | .0457 | .0461 | .0458 | .0456 | .0456 | .0460 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0453 MONTHLY MAX: .078

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0035 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: TOWER BLUE RIDGE PKWY MILE MARKER 410
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.379167
 LONGITUDE: -82.7925
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1617.88
 PROBE HEIGHT: 4.67

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .040 | .038 | .036 | .035 | .035 | .033 | .031 | .035 | .039 | .042 | .046 | .048 | BF | .047 | .048 | .047 | .047 | .046 | .044 | .043 | .037 | .048 | .058 | .062 | 23 | .062 | |
| 2 | .056 | .054 | .054 | .054 | .052 | .051 | .051 | .051 | .045 | .043 | .041 | .040 | BF | .041 | .043 | .044 | .046 | .049 | .051 | .052 | .051 | .050 | .048 | .047 | 23 | .056 | |
| 3 | .046 | .046 | .043 | .042 | .042 | .044 | .047 | .048 | .045 | .044 | .041 | .038 | BF | .047 | .049 | .050 | .049 | .051 | .049 | .050 | .052 | .051 | .049 | .049 | 23 | .052 | |
| 4 | .049 | .049 | .048 | .047 | .049 | .049 | .049 | .049 | .050 | .051 | .052 | .051 | BF | .051 | .051 | .051 | .050 | .049 | .049 | .050 | .050 | .051 | .052 | .052 | 23 | .052 | |
| 5 | .052 | .054 | .054 | .053 | .052 | .051 | .052 | .051 | .049 | .050 | .053 | .055 | BF | .052 | .051 | .048 | .047 | .047 | .046 | .048 | .047 | .045 | .047 | .044 | 23 | .055 | |
| 6 | .041 | .042 | .047 | .047 | .042 | .039 | .035 | .036 | .034 | .033 | .032 | .033 | BF | .035 | .036 | .037 | .037 | .038 | .040 | .040 | .042 | .041 | .040 | .040 | 23 | .047 | |
| 7 | .041 | .041 | .042 | .040 | .041 | .040 | .039 | .040 | .040 | .041 | .043 | .044 | BF | .045 | .046 | .047 | .049 | .050 | .050 | .049 | .049 | .049 | .050 | .050 | 23 | .050 | |
| 8 | .049 | .049 | .049 | .048 | .048 | .048 | .047 | .047 | .048 | .049 | .052 | .055 | BF | .057 | .058 | .059 | .059 | .059 | .058 | .058 | .056 | .056 | .056 | .057 | 23 | .059 | |
| 9 | .058 | .058 | .058 | .058 | .058 | .057 | .056 | .054 | .054 | .053 | .052 | .053 | BF | .054 | .055 | .055 | .058 | .060 | .058 | .058 | .059 | .059 | .059 | .056 | 23 | .060 | |
| 10 | .056 | .056 | .058 | .058 | .059 | .060 | .060 | .059 | .057 | .054 | .057 | .056 | BF | .054 | .055 | .055 | .056 | .058 | .059 | .060 | .059 | .059 | .060 | .059 | 23 | .060 | |
| 11 | .059 | .060 | .060 | .059 | .060 | .059 | .057 | .056 | .056 | .055 | .054 | .055 | BF | .056 | .055 | .056 | .058 | .060 | .061 | .062 | .061 | .062 | .063 | .063 | 23 | .063 | |
| 12 | .062 | .053 | .048 | .049 | .051 | .053 | .053 | .052 | .051 | .052 | .053 | .053 | BF | .058 | .057 | .058 | .058 | .060 | .062 | .061 | .060 | .060 | .059 | .060 | 23 | .062 | |
| 13 | .060 | .059 | .057 | .057 | .058 | .056 | .056 | .054 | .053 | .055 | .055 | .057 | BF | .057 | .056 | .057 | .057 | .058 | .060 | .061 | .061 | .062 | .063 | .064 | 23 | .064 | |
| 14 | .064 | .062 | .061 | .059 | .059 | .060 | .059 | .059 | .059 | .059 | .063 | .062 | BF | .059 | .056 | .056 | .058 | .058 | .057 | .060 | .062 | .062 | .061 | .060 | 23 | .064 | |
| 15 | .058 | .056 | .052 | .051 | .052 | .052 | .049 | .047 | .048 | .050 | .053 | BF | .057 | .059 | .057 | .055 | .052 | .049 | .047 | .046 | .046 | .046 | .046 | 23 | .059 | | |
| 16 | .046 | .046 | .048 | .050 | .051 | .049 | .050 | .050 | .050 | .051 | .050 | BF | .048 | .046 | .045 | .044 | .045 | .045 | .050 | .050 | .050 | .050 | .050 | .050 | 23 | .051 | |
| 17 | .050 | .049 | .048 | .047 | .047 | .046 | .046 | .046 | .046 | .046 | .046 | .046 | BF | .042 | .041 | .042 | .042 | .041 | .046 | .043 | .046 | .048 | .046 | .045 | 23 | .050 | |
| 18 | .044 | .044 | .047 | .044 | .041 | .035 | .036 | .040 | .043 | .039 | .038 | .043 | BF | .042 | .042 | .041 | .043 | .042 | .038 | .038 | .044 | .043 | .043 | .042 | 23 | .047 | |
| 19 | .041 | .038 | .036 | .038 | .037 | .038 | .036 | .035 | .033 | .032 | .034 | .035 | BF | .037 | .035 | .035 | .033 | .033 | .035 | .039 | .041 | .042 | .048 | .048 | 23 | .048 | |
| 20 | .051 | .049 | .048 | .049 | .046 | .046 | .046 | .043 | .043 | .043 | AI | .045 | .044 | .038 | .038 | .039 | .042 | .043 | .040 | .035 | .040 | .044 | .047 | .047 | 23 | .051 | |
| 21 | .049 | .048 | .047 | .047 | .047 | .046 | .044 | .044 | .043 | .043 | .043 | .044 | BF | .042 | .041 | .042 | .042 | .042 | .042 | .044 | .048 | .052 | .049 | .045 | 23 | .052 | |
| 22 | .044 | .044 | .046 | .046 | .044 | .042 | .043 | .042 | .043 | .042 | .041 | .043 | BF | .049 | .049 | .047 | .045 | .043 | .044 | .049 | .054 | .054 | .052 | .048 | 23 | .054 | |
| 23 | .046 | .049 | .046 | .044 | .041 | .041 | .038 | .028 | .027 | .030 | .032 | .031 | BF | .028 | .027 | .027 | .027 | .027 | .026 | .025 | .024 | .024 | .024 | 23 | .049 | | |
| 24 | .027 | .028 | .028 | .030 | .030 | .032 | .029 | AI | .034 | .029 | .034 | .037 | BF | .034 | .034 | .033 | .038 | .035 | .035 | .034 | .032 | .032 | .033 | .035 | 22 | .038 | |
| 25 | .034 | .032 | .034 | .035 | .028 | .029 | .032 | .030 | .028 | AY | .035 | .037 | BF | .036 | .038 | .039 | .038 | .036 | .035 | .034 | .031 | .030 | .032 | .032 | 22 | .039 | |
| 26 | .035 | .040 | .044 | .053 | .056 | .055 | .055 | .045 | .041 | .045 | .036 | .031 | BF | .045 | .036 | .038 | .045 | .053 | .056 | .059 | .060 | .052 | .045 | .046 | 23 | .060 | |
| 27 | .047 | .047 | .049 | .053 | .056 | .054 | .055 | .052 | .051 | .050 | .045 | .039 | AN | 12 | .056 | |
| 28 | AN | AI | AI | .045 | .044 | BF | .041 | .040 | .039 | .039 | .039 | .039 | .039 | .038 | .035 | .034 | .035 | 13 | .045 | |
| 29 | .037 | .039 | .040 | .040 | .040 | .044 | .044 | .042 | .040 | .039 | .038 | .037 | BF | .039 | .041 | .043 | .042 | .035 | .035 | .035 | .035 | .036 | .034 | .032 | 23 | .044 | |
| 30 | .028 | .026 | .026 | .027 | .024 | .023 | .021 | .024 | .024 | .025 | .024 | .026 | BF | .030 | .032 | .033 | .033 | .032 | .029 | .027 | .025 | .025 | .024 | .024 | 23 | .033 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| NO.: | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 28 | 29 | 28 | 29 | 30 | 1 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | | |
| MAX: | .064 | .062 | .061 | .059 | .060 | .060 | .060 | .059 | .059 | .059 | .063 | .062 | .044 | .059 | .059 | .059 | .059 | .060 | .062 | .062 | .062 | .062 | .063 | .064 | | | |
| AVG: | .0472 | .0468 | .0467 | .0469 | .0464 | .0459 | .0455 | .0450 | .0439 | .0444 | .0443 | .0447 | .0440 | .0456 | .0453 | .0455 | .0461 | .0462 | .0462 | .0466 | .0469 | .0472 | .0473 | .0470 | | | |

MONTHLY OBSERVATIONS: 667 MONTHLY MEAN: .0460 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0035 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: TOWER BLUE RIDGE PKWY MILE MARKER 410
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.379167
 LONGITUDE: -82.7925
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1617.88
 PROBE HEIGHT: 4.67

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .024 | .025 | .025 | .026 | .025 | .025 | .025 | .027 | .026 | .026 | .027 | .029 | BF | .038 | .043 | .045 | .056 | .061 | .061 | .060 | .058 | .058 | .055 | .055 | 23 | .061 |
| 2 | .054 | .052 | .054 | .054 | .052 | .051 | .050 | .050 | .050 | .050 | .050 | .050 | BF | .049 | .048 | .049 | .050 | .050 | .050 | .050 | .050 | .050 | .049 | .049 | 23 | .054 |
| 3 | .050 | .049 | .049 | .048 | .048 | .047 | .048 | .047 | .048 | .049 | .049 | .049 | BF | .053 | .051 | .049 | .047 | .049 | .052 | .054 | .052 | .051 | .050 | .049 | 23 | .054 |
| 4 | .048 | .048 | .049 | .050 | .052 | .056 | .057 | .054 | .053 | .054 | .055 | .055 | BF | .051 | .049 | .049 | .049 | .050 | .047 | .045 | .043 | .042 | .041 | .044 | 23 | .057 |
| 5 | .051 | .056 | .056 | .050 | .047 | .044 | .041 | .039 | .034 | .034 | .036 | .035 | BF | .034 | .033 | .034 | .031 | .030 | .029 | .026 | .027 | .027 | .028 | .031 | 23 | .056 |
| 6 | .033 | .031 | .034 | .045 | .046 | .045 | .045 | .045 | .046 | .049 | .052 | .053 | BF | .050 | .049 | .049 | .048 | .043 | .042 | .046 | .049 | .048 | .046 | .045 | 23 | .053 |
| 7 | .044 | .044 | .045 | .045 | .043 | .040 | .041 | .044 | .044 | .047 | .048 | .046 | BF | .045 | .046 | .047 | .049 | .049 | .049 | .048 | .046 | .045 | .046 | .048 | 23 | .049 |
| 8 | .050 | .051 | .051 | .051 | .051 | .050 | .049 | .047 | .050 | .052 | .053 | .055 | BF | .057 | .057 | .057 | .058 | .058 | .057 | .057 | .057 | .057 | .056 | .055 | 23 | .058 |
| 9 | .056 | .055 | .056 | .054 | .052 | .051 | .051 | .052 | .053 | .055 | .057 | .056 | BF | .056 | .056 | .056 | .058 | .059 | .060 | .060 | .059 | .059 | .059 | .058 | 23 | .060 |
| 10 | .058 | .057 | .057 | .056 | .055 | .055 | .058 | .059 | .059 | .057 | .060 | .062 | BF | .061 | .063 | .060 | .058 | .059 | .058 | .058 | .060 | .061 | .061 | .059 | 23 | .063 |
| 11 | .059 | .059 | .059 | .057 | .054 | .053 | .053 | .054 | .054 | .056 | .055 | .053 | BF | .053 | .055 | .054 | .054 | .053 | .053 | .052 | .052 | .051 | .050 | .052 | 23 | .059 |
| 12 | .052 | .053 | .053 | .054 | .054 | .055 | .051 | .043 | .041 | .046 | .046 | .045 | BF | .040 | .044 | .046 | .047 | .046 | .044 | .041 | .041 | .044 | .041 | .043 | 23 | .055 |
| 13 | .044 | .048 | .050 | .049 | .049 | .042 | .040 | .041 | .041 | .038 | .038 | .043 | BF | .040 | .039 | .038 | .040 | .043 | .044 | .044 | .046 | .044 | .043 | .042 | 23 | .050 |
| 14 | .045 | .045 | .047 | .047 | .048 | .050 | .051 | .052 | .055 | .057 | .058 | .056 | BF | .057 | .057 | .056 | .055 | .049 | .048 | .055 | .056 | .057 | .059 | .057 | 23 | .059 |
| 15 | .055 | .054 | .055 | .053 | .052 | .053 | .053 | .052 | .053 | .054 | .053 | .053 | BF | .054 | .054 | .056 | .056 | .057 | .055 | .057 | .056 | .056 | .057 | .057 | 23 | .057 |
| 16 | .055 | .056 | .056 | .055 | .054 | .054 | .054 | .054 | .054 | .050 | .048 | .049 | BF | .049 | .052 | .053 | .056 | .059 | .060 | .060 | .061 | .062 | .062 | .059 | 23 | .062 |
| 17 | .056 | .055 | .055 | .053 | .054 | .054 | .051 | .049 | .047 | .048 | .049 | .049 | BF | .050 | .050 | .051 | .049 | .050 | .049 | .048 | .043 | .041 | .038 | .041 | 23 | .056 |
| 18 | .044 | .039 | .035 | .034 | .035 | .036 | .040 | .042 | .040 | .040 | .040 | .038 | .034 | .033 | .031 | .031 | .031 | .031 | .030 | .035 | .048 | .051 | .044 | .040 | 24 | .051 |
| 19 | .036 | .034 | .032 | .039 | .039 | .041 | .042 | .041 | .036 | .038 | .039 | .039 | BF | .039 | .043 | .042 | .040 | .035 | .033 | .038 | .043 | .042 | .037 | .032 | 23 | .043 |
| 20 | .032 | .033 | .035 | .033 | .037 | .039 | .037 | .038 | .035 | .034 | .038 | .042 | BF | .043 | .044 | .044 | .045 | .041 | .042 | .040 | .038 | .035 | .036 | .034 | 23 | .045 |
| 21 | .033 | .038 | .041 | .040 | .040 | .034 | .034 | .029 | .028 | .028 | .026 | .028 | BF | .026 | .025 | .030 | .027 | .031 | .033 | .036 | .037 | .038 | .037 | .038 | 23 | .041 |
| 22 | .037 | .037 | .039 | .037 | .038 | .035 | .038 | .036 | .032 | .031 | .030 | .025 | BF | .033 | .030 | .033 | .030 | .029 | AI | AV | AI | .036 | .032 | .030 | 20 | .039 |
| 23 | .032 | .039 | .041 | .041 | .040 | .040 | .042 | .040 | .036 | .035 | .035 | .034 | BF | .029 | .031 | .035 | .033 | .033 | .031 | .032 | .032 | .034 | .031 | .031 | 23 | .042 |
| 24 | .033 | .041 | .044 | .043 | .042 | .039 | .034 | .029 | AI | BA | AI | .030 | BF | .034 | .041 | .038 | .040 | .042 | .043 | .047 | .045 | .043 | .041 | .042 | 20 | .047 |
| 25 | .045 | .048 | .045 | .048 | .049 | .048 | .045 | .046 | .045 | .045 | .043 | .044 | BF | .044 | .044 | .043 | .043 | .044 | .045 | .047 | .048 | .049 | .049 | .052 | 23 | .052 |
| 26 | .052 | .052 | .052 | .051 | .050 | .049 | .048 | .047 | .048 | .047 | .048 | .048 | BF | .050 | .052 | .052 | .053 | .053 | .057 | .056 | .056 | .056 | .058 | .060 | 23 | .060 |
| 27 | .062 | .063 | .059 | .057 | .056 | .055 | .053 | .052 | .050 | .049 | .048 | .046 | BF | .045 | .041 | .042 | .041 | .041 | .042 | .041 | .042 | .042 | .042 | AI | 22 | .063 |
| 28 | AV | .047 | .048 | .046 | .044 | BF | .049 | .046 | .046 | .046 | .048 | .053 | .055 | .052 | .055 | .055 | .056 | 15 | .056 |
| 29 | .056 | .055 | .054 | .054 | .055 | .055 | .052 | .048 | .046 | .046 | .044 | .043 | BF | .046 | .044 | .041 | .040 | .042 | .047 | .042 | .039 | .045 | .052 | .054 | 23 | .056 |
| 30 | .052 | .052 | .055 | .046 | .043 | .047 | .043 | .044 | .044 | .043 | .046 | .048 | BF | .048 | .044 | .042 | .033 | .034 | .036 | .044 | .047 | .047 | .048 | .047 | 23 | .055 |
| 31 | .050 | .051 | .050 | .049 | .049 | .049 | .048 | .048 | .045 | .044 | .047 | .048 | BF | .045 | .045 | .046 | .047 | .048 | .046 | .047 | .052 | .054 | .052 | .052 | 23 | .054 |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 1 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 31 | 31 | 30 | | |
| MAX: | .062 | .063 | .059 | .057 | .056 | .056 | .058 | .059 | .059 | .057 | .060 | .062 | .034 | .061 | .063 | .060 | .058 | .061 | .061 | .060 | .061 | .062 | .062 | .060 | | |
| AVG: | .0466 | .0473 | .0478 | .0473 | .0470 | .0464 | .0458 | .0450 | .0447 | .0450 | .0455 | .0450 | .0340 | .0452 | .0454 | .0456 | .0455 | .0457 | .0465 | .0474 | .0478 | .0477 | .0469 | .0471 | | |

MONTHLY OBSERVATIONS: 699 MONTHLY MEAN: .0462 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0035 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: TOWER BLUE RIDGE PKWY MILE MARKER 410
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.379167
 LONGITUDE: -82.7925
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1617.88
 PROBE HEIGHT: 4.67

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .051 | .051 | .051 | .051 | .050 | .051 | .050 | .051 | .051 | .053 | .053 | .056 | BF | .054 | .055 | .051 | .046 | .051 | .054 | .056 | .055 | .054 | .052 | .052 | 23 | .056 | | |
| 2 | .052 | .056 | .056 | .054 | .055 | .056 | .055 | .053 | .053 | .053 | .054 | .054 | BF | .054 | .054 | .050 | .050 | .053 | .054 | .055 | .057 | .056 | .051 | .052 | 23 | .057 | | |
| 3 | .051 | .053 | .054 | .054 | .055 | .054 | .051 | .051 | .050 | .048 | .047 | .044 | BF | .050 | .055 | .050 | .049 | .050 | .057 | .059 | .058 | .053 | .057 | .058 | 23 | .059 | | |
| 4 | .057 | .055 | .055 | .059 | .060 | .061 | .056 | .049 | .043 | .037 | .033 | .035 | BF | .035 | .029 | .030 | .031 | .027 | .028 | .032 | .044 | .044 | .044 | .038 | 23 | .061 | | |
| 5 | .033 | .032 | .030 | .029 | .028 | .027 | .027 | .027 | .026 | .023 | .024 | .025 | BF | .024 | .025 | .027 | .027 | .032 | .031 | .033 | .031 | .032 | .032 | .034 | 23 | .034 | | |
| 6 | .036 | .037 | .036 | .033 | .037 | .031 | .036 | .039 | .041 | .042 | .043 | .048 | BF | .054 | .053 | .057 | .055 | .054 | .052 | .053 | .053 | .053 | .050 | .043 | 23 | .057 | | |
| 7 | .040 | .040 | .041 | .042 | .045 | .047 | .044 | .042 | .039 | .041 | .045 | .047 | BF | .050 | .049 | .046 | .042 | .041 | .044 | .047 | .051 | .047 | .045 | .044 | 23 | .051 | | |
| 8 | .043 | .041 | .035 | .037 | .038 | .036 | .037 | .037 | .037 | .040 | .042 | .039 | BF | .036 | .037 | .037 | .041 | .037 | .038 | .040 | .040 | .044 | .043 | .042 | 23 | .044 | | |
| 9 | .041 | .039 | .041 | .041 | .046 | .047 | .046 | .047 | .046 | .044 | .045 | .048 | BF | .051 | .047 | .045 | .044 | .044 | .043 | .041 | .044 | .044 | .045 | .046 | 23 | .051 | | |
| 10 | .048 | .052 | .059 | .060 | .057 | .055 | .055 | .054 | .051 | .050 | .053 | .050 | BF | .047 | .045 | .045 | .044 | .045 | .047 | .049 | .048 | .046 | .045 | .046 | 23 | .060 | | |
| 11 | .048 | .049 | .049 | .050 | .052 | .053 | .051 | .047 | .044 | .044 | .043 | .043 | BF | .041 | .039 | .037 | .037 | .037 | .038 | .037 | .039 | .039 | .037 | .035 | 23 | .053 | | |
| 12 | .039 | .039 | .041 | .040 | .041 | .042 | .041 | .038 | .038 | .037 | .035 | .030 | BF | .032 | .034 | .031 | .032 | .029 | .030 | .031 | .039 | .030 | .034 | .040 | 23 | .042 | | |
| 13 | .043 | .043 | .044 | .045 | .044 | .041 | .040 | .038 | .037 | .036 | .034 | .038 | BF | .033 | .030 | .040 | .046 | .036 | .032 | .040 | .036 | .031 | .038 | .042 | 23 | .046 | | |
| 14 | .048 | .051 | .045 | .042 | .051 | .055 | .050 | .049 | .045 | .041 | .038 | .042 | BF | .040 | .041 | .037 | .035 | .037 | .042 | .040 | .041 | .046 | .048 | .051 | 23 | .055 | | |
| 15 | .048 | .051 | .049 | .046 | .045 | .047 | .045 | .043 | .040 | .041 | .041 | .045 | BF | .043 | .043 | .033 | .028 | .026 | .036 | .037 | .036 | .044 | .041 | .032 | 23 | .051 | | |
| 16 | .038 | .037 | .046 | .050 | .045 | .032 | .034 | .036 | .033 | .029 | .030 | .035 | BF | .041 | .045 | .040 | .035 | .032 | .040 | .040 | .044 | .050 | .047 | .047 | 23 | .050 | | |
| 17 | .047 | .045 | .042 | .038 | .042 | .048 | .046 | .041 | .039 | .034 | .030 | .032 | BF | .038 | .039 | .031 | .032 | .032 | .032 | .039 | .041 | .037 | .036 | .041 | 23 | .048 | | |
| 18 | .040 | .037 | .036 | .036 | .037 | .036 | .033 | .033 | .029 | .026 | .025 | .025 | BF | .028 | .028 | .029 | .026 | .029 | .030 | .031 | .033 | .033 | .034 | .033 | 23 | .040 | | |
| 19 | .033 | .034 | .036 | .037 | .038 | .036 | .034 | .030 | .027 | .027 | .029 | .029 | BF | .028 | .028 | .027 | .028 | .029 | .035 | .032 | .030 | .031 | .032 | .032 | 23 | .038 | | |
| 20 | .034 | .043 | .044 | .042 | .041 | .041 | .041 | .038 | .038 | .042 | .040 | .035 | BF | .033 | .036 | .037 | .038 | .032 | .031 | .032 | .034 | .037 | .034 | .036 | 23 | .044 | | |
| 21 | .041 | .040 | .040 | .038 | .038 | .035 | .036 | .035 | AI | .033 | .036 | .033 | BF | .024 | .023 | .026 | .022 | .020 | .020 | .022 | .023 | .023 | .030 | .030 | 22 | .041 | | |
| 22 | .030 | .031 | .029 | .029 | .028 | .026 | .022 | .021 | .016 | .016 | .018 | .018 | BF | .017 | .015 | .014 | .013 | .015 | .016 | .016 | .018 | .021 | .020 | .020 | 23 | .031 | | |
| 23 | .018 | .018 | .018 | .017 | .017 | .017 | .017 | .018 | .020 | .021 | .020 | .020 | BF | .020 | .024 | .022 | .023 | .022 | .022 | .021 | .022 | .020 | .027 | .028 | 23 | .028 | | |
| 24 | .029 | .029 | .030 | .031 | .032 | .031 | .031 | .031 | .028 | .025 | .025 | .026 | BF | .033 | .032 | .032 | .032 | .035 | .034 | .037 | .039 | .044 | .045 | .046 | 23 | .046 | | |
| 25 | .046 | .043 | .041 | .041 | .039 | .036 | .035 | .034 | .033 | .033 | .032 | .030 | BF | .029 | .035 | .035 | .039 | .041 | .041 | .040 | .042 | .043 | .043 | .043 | 23 | .046 | | |
| 26 | .043 | .045 | .047 | .047 | .048 | .049 | .049 | .049 | .049 | .048 | BA | BA | BA | BA | .047 | .046 | .043 | .042 | .043 | .043 | .045 | .045 | .047 | .049 | 20 | .049 | | |
| 27 | .049 | .049 | .048 | .050 | .049 | .048 | .043 | .041 | .041 | .042 | .043 | .043 | BF | .042 | .042 | .045 | .044 | .044 | .042 | .044 | .048 | .050 | .052 | .050 | 23 | .052 | | |
| 28 | .049 | .048 | .049 | .048 | .048 | .048 | .044 | .042 | .042 | .047 | .045 | .044 | BF | .043 | .044 | .045 | .048 | .053 | .053 | .050 | .045 | .047 | .048 | .053 | 23 | .053 | | |
| 29 | .053 | .050 | .049 | .045 | .044 | .046 | .046 | .045 | .041 | .039 | .039 | .039 | BF | .041 | .040 | .041 | .040 | .041 | .040 | .040 | .037 | .036 | .037 | .035 | 23 | .053 | | |
| 30 | .034 | .030 | .029 | .026 | .023 | .025 | .023 | .019 | .016 | .015 | .015 | .015 | BF | .017 | .017 | .019 | .021 | .021 | .024 | .022 | .023 | .026 | .025 | .023 | 23 | .034 | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 29 | 29 | | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | | |
| MAX: | .057 | .056 | .059 | .060 | .060 | .061 | .056 | .054 | .053 | .053 | .054 | .056 | | .054 | .055 | .057 | .055 | .054 | .057 | .059 | .058 | .056 | .057 | .058 | | | | |
| AVG: | .0421 | .0423 | .0423 | .0419 | .0424 | .0419 | .0406 | .0393 | .0377 | .0369 | .0364 | .0368 | | .0372 | .0377 | .0368 | .0364 | .0362 | .0376 | .0386 | .0399 | .0402 | .0406 | .0407 | | | | |

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .0393 MONTHLY MAX: .061

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0035 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: TOWER BLUE RIDGE PKWY MILE MARKER 410
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.379167
 LONGITUDE: -82.7925
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1617.88
 PROBE HEIGHT: 4.67

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SFM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .025 | .025 | .026 | .030 | .033 | .034 | .033 | .034 | .032 | .034 | .040 | .040 | BF | .037 | .037 | .035 | .036 | .034 | .039 | .035 | .044 | .046 | .047 | .049 | 23 | .049 |
| 2 | .050 | .050 | .051 | .051 | .053 | .053 | .051 | .047 | .047 | .045 | .044 | .043 | BF | .036 | .040 | .037 | .035 | .033 | .041 | .044 | .044 | .042 | .040 | .037 | 23 | .053 |
| 3 | .040 | .043 | .042 | .044 | .042 | .038 | .035 | .034 | .034 | .031 | .028 | .028 | BF | .025 | .030 | .024 | .024 | .026 | .035 | .035 | .034 | .036 | .041 | .045 | 23 | .045 |
| 4 | .048 | .047 | .043 | .042 | .042 | .042 | .039 | .034 | .029 | .027 | .022 | .018 | BF | .030 | .030 | .031 | .031 | .028 | .025 | .032 | .036 | .037 | .036 | .037 | 23 | .048 |
| 5 | .037 | .038 | .041 | .042 | .039 | .034 | .030 | .027 | .024 | .023 | .023 | .021 | BF | .020 | .020 | .020 | .019 | .022 | .026 | .028 | .031 | .033 | .031 | .031 | 23 | .042 |
| 6 | .032 | .031 | .030 | .027 | .026 | .028 | .027 | .025 | .023 | .024 | .025 | .027 | BF | .030 | .028 | .025 | .026 | .025 | .026 | .028 | .029 | .032 | .035 | .037 | 23 | .037 |
| 7 | .037 | .039 | .038 | .041 | .043 | .044 | .045 | .044 | .043 | .043 | .042 | .040 | BF | .041 | .041 | .038 | .037 | .037 | .039 | .038 | .040 | .040 | .041 | .041 | 23 | .045 |
| 8 | .042 | .040 | .039 | .040 | .046 | .050 | .051 | .047 | .048 | .046 | .048 | .048 | BF | .041 | .042 | .042 | .056 | .058 | .053 | .052 | .052 | .049 | .048 | .047 | 23 | .058 |
| 9 | .046 | .046 | .045 | .046 | .047 | .046 | .044 | .045 | .043 | .040 | .039 | .037 | BF | .041 | .039 | .035 | .040 | .036 | .036 | .040 | .042 | .039 | .039 | .036 | 23 | .047 |
| 10 | .038 | .042 | .045 | .046 | .045 | .044 | .044 | .037 | .037 | .034 | .035 | .037 | BF | .037 | .044 | .045 | .044 | .045 | .040 | .034 | .035 | .042 | .041 | .043 | 23 | .046 |
| 11 | .044 | .047 | .046 | .045 | .047 | .048 | .046 | .046 | .046 | .036 | .036 | .036 | BF | .039 | .038 | .048 | .046 | .032 | .031 | .035 | .033 | .035 | .037 | .039 | 23 | .048 |
| 12 | .043 | .044 | .046 | .048 | .050 | .050 | .046 | .046 | .041 | .037 | .039 | .034 | BF | .043 | .039 | .039 | .040 | .035 | .040 | .046 | .040 | .045 | .046 | .047 | 23 | .050 |
| 13 | .044 | .043 | .042 | .045 | .048 | .051 | .051 | .050 | AI | .038 | .036 | .037 | BF | .033 | .036 | .035 | .033 | .032 | .034 | .038 | .039 | .033 | .036 | .040 | 22 | .051 |
| 14 | .044 | .046 | .051 | .052 | .044 | .041 | .040 | .036 | .034 | .033 | .035 | .030 | BF | .030 | .027 | .026 | .036 | .035 | .034 | .034 | .031 | .033 | .036 | .035 | 23 | .052 |
| 15 | .036 | .035 | .034 | .036 | .037 | .037 | .038 | .038 | .040 | .038 | .038 | .036 | BF | .036 | .034 | .042 | .037 | .039 | .036 | .040 | .043 | .047 | .047 | .045 | 23 | .047 |
| 16 | .044 | .044 | .042 | .042 | .041 | .042 | .042 | .045 | .037 | .032 | .033 | .031 | BF | .032 | .030 | .038 | .041 | .042 | .040 | .038 | .049 | .037 | .041 | .039 | 23 | .049 |
| 17 | .041 | .047 | .041 | .046 | .050 | .047 | .044 | .044 | .040 | .038 | .038 | .040 | BF | .046 | .037 | .035 | .032 | .028 | .037 | .030 | .034 | .038 | .050 | .050 | 23 | .050 |
| 18 | .052 | .047 | .047 | .049 | .052 | .052 | .048 | .046 | .044 | .039 | .039 | .039 | BF | .053 | .041 | .041 | .044 | .042 | .049 | .052 | .052 | .052 | .052 | .053 | 23 | .053 |
| 19 | .053 | .052 | .052 | .051 | .049 | .044 | .047 | .048 | .049 | .051 | .045 | .048 | BF | .050 | .044 | .045 | .044 | .047 | .053 | .057 | .064 | .065 | .064 | .071 | 23 | .071 |
| 20 | .069 | .067 | .061 | .058 | .056 | .058 | .061 | .063 | .057 | .055 | .053 | .051 | BF | .051 | .053 | .050 | .044 | .044 | .048 | .050 | .057 | .059 | .059 | .059 | 23 | .069 |
| 21 | .058 | .058 | .057 | .057 | .054 | .053 | .051 | .050 | .046 | .044 | .041 | .039 | BF | .038 | .039 | .043 | .045 | .039 | .050 | .050 | .047 | .051 | .051 | .053 | 23 | .058 |
| 22 | .050 | .047 | .044 | .042 | .044 | .048 | .045 | .043 | .039 | .035 | .033 | .031 | BF | .040 | .035 | .033 | .025 | .029 | .031 | .036 | .042 | .042 | .045 | .043 | 23 | .050 |
| 23 | .043 | .045 | .047 | .047 | .048 | .049 | .047 | .044 | .041 | .041 | .041 | .035 | BF | .039 | .038 | .039 | .038 | .035 | .043 | .047 | .045 | .038 | .040 | .039 | 23 | .049 |
| 24 | .043 | .052 | .046 | .048 | .049 | .048 | .040 | .043 | .045 | .048 | .044 | .045 | BF | .051 | .052 | .052 | .050 | .050 | .048 | .054 | .055 | .046 | .047 | .046 | 23 | .055 |
| 25 | .048 | .051 | .052 | .051 | .050 | .051 | .051 | .049 | .046 | .045 | .045 | .049 | BF | .052 | .052 | .051 | .053 | .052 | .032 | .039 | .045 | .053 | .051 | .057 | 23 | .057 |
| 26 | .056 | .058 | .055 | .051 | .053 | .052 | .051 | .047 | AI | .040 | .037 | .042 | BF | .043 | .042 | .043 | .039 | .040 | .036 | .045 | .057 | .060 | .052 | .048 | 22 | .060 |
| 27 | .047 | .045 | .045 | .045 | .046 | .049 | .047 | .048 | .044 | .037 | .034 | .036 | BF | .039 | .040 | .039 | .037 | .037 | .031 | .031 | .036 | .044 | .042 | .040 | 23 | .049 |
| 28 | .045 | .045 | .043 | .038 | .035 | .033 | .030 | .029 | .027 | .025 | .024 | .025 | BF | .028 | .028 | .025 | .024 | .028 | .031 | .032 | .032 | .032 | .034 | .031 | 23 | .045 |
| 29 | .033 | .031 | .037 | .039 | .043 | .044 | .043 | .042 | .042 | .044 | .045 | .045 | BF | .046 | .045 | .046 | .047 | .047 | .050 | .050 | .049 | .047 | .044 | .045 | 23 | .050 |
| 30 | .045 | .042 | .040 | .040 | .043 | .042 | .040 | .036 | .035 | .037 | .042 | .042 | BF | .043 | .043 | .043 | .040 | .039 | .037 | .041 | .043 | .045 | .043 | .046 | 23 | .046 |
| 31 | .044 | .043 | .043 | .043 | .043 | .043 | .041 | .037 | .035 | .032 | .031 | .035 | BF | .039 | .046 | .048 | .046 | .049 | .048 | .040 | .040 | .041 | .040 | .040 | 23 | .049 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 29 | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .069 | .067 | .061 | .058 | .056 | .058 | .061 | .063 | .057 | .055 | .053 | .051 | | .053 | .053 | .052 | .056 | .058 | .053 | .057 | .064 | .065 | .064 | .071 | | |
| AVG: | .0444 | .0448 | .0442 | .0446 | .0451 | .0450 | .0435 | .0421 | .0396 | .0378 | .0373 | .0369 | | .0390 | .0384 | .0385 | .0384 | .0376 | .0387 | .0404 | .0426 | .0432 | .0437 | .0442 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0413 MONTHLY MAX: .071

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0035 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: TOWER BLUE RIDGE PKWY MILE MARKER 410
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.379167
 LONGITUDE: -82.7925
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1617.88
 PROBE HEIGHT: 4.67

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SFM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .040 | .043 | .051 | .058 | .050 | .044 | .041 | .039 | .038 | .036 | .037 | .038 | BF | .038 | .045 | .045 | .041 | .040 | .035 | .048 | .053 | .052 | .050 | .054 | 23 | .058 |
| 2 | .055 | .053 | .056 | .060 | .063 | .064 | .063 | .060 | .055 | .051 | .046 | .041 | BF | .043 | .046 | .041 | .036 | .036 | .045 | .046 | .054 | .061 | .060 | .057 | 23 | .064 |
| 3 | .057 | .053 | .051 | .052 | .051 | .050 | .046 | .042 | .038 | .038 | .036 | .032 | BF | .041 | .040 | .039 | .040 | .042 | .042 | .043 | .043 | .046 | .049 | .052 | 23 | .057 |
| 4 | .053 | .057 | .055 | .055 | .054 | .054 | .053 | .051 | .049 | .044 | .047 | .039 | BF | .039 | .042 | .037 | .037 | .037 | .036 | .040 | .044 | .046 | .042 | .040 | 23 | .057 |
| 5 | .039 | .032 | .034 | .037 | .039 | .036 | .034 | .033 | .030 | .029 | .033 | .037 | BF | .035 | .037 | .035 | .039 | .035 | .034 | .038 | .041 | .042 | .039 | .040 | 23 | .042 |
| 6 | .039 | .042 | .042 | .039 | .039 | .045 | .044 | .041 | .038 | .039 | .041 | .040 | BF | .034 | .032 | .032 | .032 | .032 | .035 | .037 | .037 | .038 | .039 | .034 | 23 | .045 |
| 7 | .033 | .027 | .026 | .023 | .022 | .022 | .020 | .020 | .024 | .022 | .026 | .024 | BF | .025 | .026 | .024 | .026 | .030 | .030 | .034 | .032 | .037 | .038 | .038 | 23 | .038 |
| 8 | .039 | .037 | .036 | .036 | .037 | .035 | .036 | .032 | .034 | .031 | .030 | .033 | BF | .033 | .035 | .037 | .041 | .042 | .044 | .047 | .046 | .041 | .038 | .037 | 23 | .047 |
| 9 | .035 | .034 | .037 | .043 | .048 | .049 | .048 | .046 | .042 | .037 | .036 | .035 | BF | .033 | .032 | .032 | .033 | .031 | .031 | .032 | .038 | .043 | .044 | .045 | 23 | .049 |
| 10 | .045 | .043 | .043 | .039 | .037 | .037 | .036 | .032 | .030 | .031 | .031 | .030 | BF | .025 | .025 | .026 | .026 | .028 | .027 | .029 | .028 | .027 | .027 | .028 | 23 | .045 |
| 11 | .029 | .030 | .029 | .031 | .031 | .030 | .029 | .024 | .022 | .022 | .022 | .023 | BF | .027 | .023 | .027 | .025 | .025 | .026 | .028 | .029 | .029 | .027 | .027 | 23 | .031 |
| 12 | .030 | .032 | .033 | .032 | .030 | .027 | .028 | .030 | .030 | .029 | .027 | .023 | BF | .023 | .023 | .024 | .027 | .033 | .032 | .034 | .033 | .030 | .031 | .035 | 23 | .035 |
| 13 | .038 | .039 | .040 | .040 | .044 | .045 | .042 | .036 | .035 | .032 | .029 | .027 | BF | .028 | .028 | .028 | .028 | .027 | .027 | .030 | .029 | .030 | .031 | .034 | 23 | .045 |
| 14 | .034 | .036 | .032 | .035 | .037 | .041 | .040 | .041 | .036 | .036 | .033 | .030 | BF | .028 | .027 | .027 | .029 | .027 | .027 | .028 | .028 | .029 | .034 | .034 | 23 | .041 |
| 15 | .036 | .039 | .037 | .036 | .036 | .035 | .033 | .031 | .033 | .031 | .028 | .028 | BF | .030 | .030 | .030 | .032 | .032 | .034 | .033 | .031 | .036 | .038 | .038 | 23 | .039 |
| 16 | .036 | .034 | .036 | .036 | .035 | .036 | .036 | .035 | .035 | .032 | .030 | .030 | BF | .029 | .033 | .033 | .030 | .030 | .028 | .031 | .032 | .029 | .029 | .029 | 23 | .036 |
| 17 | .029 | .030 | .033 | .036 | .036 | .035 | .032 | .033 | .031 | .027 | .025 | .027 | BF | .029 | .027 | .027 | .024 | .025 | .026 | .025 | .025 | .026 | .025 | .026 | 23 | .036 |
| 18 | .028 | .031 | .032 | .028 | .028 | .028 | .025 | .024 | .023 | .021 | .023 | .027 | BF | .028 | .030 | .035 | .039 | .038 | .035 | .038 | .040 | .039 | .040 | .041 | 23 | .041 |
| 19 | .042 | .041 | .042 | .043 | .045 | .046 | .048 | .045 | .047 | .045 | .045 | .044 | BF | .045 | .046 | .051 | .048 | .037 | .034 | .039 | .042 | .039 | .041 | .042 | 23 | .051 |
| 20 | .043 | .043 | .045 | .045 | .045 | .050 | .046 | .038 | .036 | .034 | .036 | .036 | BF | .039 | .038 | .037 | .036 | .036 | .036 | .034 | .035 | .048 | .046 | .057 | 23 | .057 |
| 21 | .061 | .060 | .057 | .052 | .052 | .053 | .053 | .050 | .049 | .050 | .052 | .050 | BF | .043 | .039 | .042 | .044 | .040 | .041 | .049 | .050 | .050 | .043 | .037 | 23 | .061 |
| 22 | .040 | .041 | .037 | .042 | .043 | .044 | .044 | .043 | .041 | .043 | .046 | .041 | BF | .042 | .045 | .045 | .044 | .040 | .036 | .041 | .045 | .045 | .048 | .052 | 23 | .052 |
| 23 | .051 | .052 | .048 | .048 | .045 | .043 | .044 | .042 | AI | .037 | .036 | .034 | BF | .038 | .040 | .043 | .045 | .044 | .044 | .048 | .046 | .044 | .041 | .039 | 22 | .052 |
| 24 | .037 | .038 | .037 | .040 | .038 | .039 | .039 | .037 | .037 | .035 | .037 | .038 | BF | .045 | .045 | .042 | .043 | .051 | .055 | .056 | .056 | .057 | .058 | .052 | 23 | .058 |
| 25 | .049 | .049 | .048 | .048 | .049 | .045 | .041 | .045 | .040 | .037 | .044 | .040 | BF | .040 | .040 | .040 | .037 | .038 | .036 | .039 | .041 | .039 | .040 | .045 | 23 | .049 |
| 26 | .051 | .046 | .048 | .046 | .047 | .044 | .042 | .041 | .042 | .040 | .040 | .040 | BF | .038 | .039 | .040 | .037 | .036 | .036 | .037 | .039 | .043 | .044 | .043 | 23 | .051 |
| 27 | .043 | .039 | .037 | .036 | .034 | .039 | .042 | .041 | .042 | .038 | .035 | .037 | BF | .035 | .039 | .036 | .034 | .036 | .038 | .041 | .044 | .043 | .044 | .044 | 23 | .044 |
| 28 | .044 | .042 | .039 | .041 | .041 | .045 | .048 | .049 | .047 | .044 | .041 | .042 | BF | .040 | .043 | .040 | .044 | .042 | .049 | .052 | .047 | .047 | .044 | .045 | 23 | .052 |
| 29 | .044 | .042 | .041 | .040 | .039 | .039 | .039 | .039 | .036 | .027 | .033 | .035 | BF | .040 | .040 | .038 | .038 | .037 | .034 | .034 | .036 | .031 | .031 | .032 | 23 | .044 |
| 30 | .032 | .033 | .036 | .037 | .038 | .038 | .038 | .038 | .037 | .037 | .038 | .026 | BF | .025 | .024 | .025 | .023 | .024 | .029 | .023 | .023 | .035 | .039 | .037 | 23 | .039 |
| 31 | .035 | .034 | .032 | .031 | .031 | .027 | .026 | .024 | .023 | .024 | .019 | .020 | BF | .022 | .028 | .025 | .023 | .032 | .030 | .028 | .031 | .027 | .026 | .029 | 23 | .035 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .061 | .060 | .057 | .060 | .063 | .064 | .063 | .060 | .055 | .051 | .052 | .050 | | .045 | .046 | .051 | .048 | .051 | .055 | .056 | .056 | .061 | .060 | .057 | | |
| AVG: | .0409 | .0404 | .0403 | .0408 | .0408 | .0408 | .0399 | .0381 | .0367 | .0348 | .0349 | .0338 | | .0342 | .0351 | .0349 | .0349 | .0349 | .0352 | .0375 | .0386 | .0396 | .0395 | .0401 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0377 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0035 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: TOWER BLUE RIDGE PKWY MILE MARKER 410
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.379167
 LONGITUDE: -82.7925
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1617.88
 PROBE HEIGHT: 4.67

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .027 | .027 | .024 | .021 | .021 | .026 | .031 | .034 | .033 | .031 | .032 | .032 | BF | .034 | .035 | .035 | .036 | .036 | .033 | .032 | .032 | .036 | .032 | .031 | 23 | .036 | |
| 2 | .030 | .033 | .036 | .036 | .035 | .036 | .038 | .036 | .034 | .034 | .038 | .037 | BF | .034 | .035 | .033 | .035 | .034 | .038 | .038 | .041 | .042 | .042 | .043 | 23 | .043 | |
| 3 | .043 | .042 | .043 | .043 | .046 | .047 | .048 | .046 | .043 | .042 | .040 | .039 | BF | .041 | .042 | .040 | .042 | .048 | .042 | .043 | .042 | .044 | .044 | .044 | 23 | .048 | |
| 4 | .048 | .055 | .050 | .056 | .054 | .052 | .050 | .043 | .035 | .037 | .035 | .032 | BF | .033 | .033 | .034 | .034 | .036 | .039 | .035 | .033 | .035 | .038 | .038 | 23 | .056 | |
| 5 | .040 | .046 | .047 | .049 | .049 | .046 | .049 | .050 | .048 | .043 | .042 | .042 | BF | .040 | .041 | .033 | .038 | .048 | .047 | .052 | .055 | .055 | .060 | .057 | 23 | .060 | |
| 6 | .053 | .054 | .053 | .053 | .037 | .031 | .030 | .032 | .032 | .031 | .035 | .033 | BF | .035 | .038 | .039 | .040 | .040 | .040 | .040 | .040 | .036 | .032 | .033 | 23 | .054 | |
| 7 | .033 | .034 | .035 | .034 | .036 | .034 | .034 | .034 | .034 | .034 | .033 | .033 | BF | .030 | .029 | .033 | .035 | .035 | .037 | .038 | .038 | .039 | .036 | .046 | 23 | .046 | |
| 8 | .039 | .035 | .036 | .034 | .039 | .040 | .039 | .037 | .039 | .040 | .036 | .035 | BF | AO | AO | 12 | .040 |
| 9 | AO | AO | 0 | |
| 10 | AO | AO | 0 | |
| 11 | AO | AO | 0 | |
| 12 | AO | AO | 0 | |
| 13 | AO | AO | 0 | |
| 14 | AO | AO | 0 | |
| 15 | AO | AO | 0 | |
| 16 | AO | AO | 0 | |
| 17 | AO | AO | 0 | |
| 18 | AO | AO | 0 | |
| 19 | AO | AO | AO | AO | AO | AO | BC | BC | .036 | .069 | .039 | P.127 | .045 | .045 | .047 | .043 | .043 | .047 | .049 | .038 | .043 | .037 | .041 | 16 | .127 | | |
| 20 | .044 | .044 | .049 | .048 | .049 | .048 | .047 | .045 | .043 | .042 | .042 | .039 | BF | .046 | .049 | .045 | .045 | .046 | .046 | .049 | .048 | .046 | .050 | .051 | 23 | .051 | |
| 21 | .051 | .050 | .051 | .051 | .048 | .047 | .045 | .044 | .043 | .043 | .041 | .043 | BF | .046 | .045 | .045 | .049 | .048 | .049 | .049 | .048 | .045 | .042 | .044 | 23 | .051 | |
| 22 | .048 | .050 | .050 | .045 | .046 | .045 | .048 | .048 | .053 | .049 | .048 | .048 | BF | .049 | .051 | .051 | .056 | .051 | .049 | .047 | .045 | .041 | .042 | .047 | 23 | .056 | |
| 23 | .049 | .051 | .056 | .059 | .063 | .055 | .054 | .049 | .050 | .050 | .049 | .050 | BF | .049 | .051 | .052 | .048 | .048 | .050 | .049 | .054 | .054 | .050 | .046 | 23 | .063 | |
| 24 | .049 | .052 | .049 | .049 | .052 | .052 | .053 | .053 | .055 | .052 | .048 | .045 | BF | .042 | .040 | .039 | .036 | .037 | .039 | .039 | .042 | .045 | .049 | .052 | 23 | .055 | |
| 25 | .055 | .052 | .050 | .050 | .050 | .052 | .053 | .052 | .050 | .050 | .051 | .051 | BF | .055 | .058 | .055 | .057 | .055 | .054 | .049 | .048 | .049 | .050 | .048 | 23 | .058 | |
| 26 | .049 | .049 | .049 | .049 | .048 | .052 | .051 | .047 | .047 | .047 | .044 | .044 | .046 | .047 | .046 | .044 | .047 | .049 | .051 | .051 | .055 | .056 | .058 | .058 | 24 | .058 | |
| 27 | .059 | .059 | .059 | .058 | .056 | .054 | .054 | .053 | .051 | .048 | .047 | .047 | BF | .052 | .050 | .047 | .046 | .047 | .056 | .058 | .055 | .053 | .054 | .057 | 23 | .059 | |
| 28 | .058 | .054 | .054 | .056 | .056 | .059 | .061 | .061 | .056 | .057 | .057 | .056 | AZ | .055 | .058 | .055 | .052 | .058 | .060 | .057 | .055 | .048 | .042 | .048 | 23 | .061 | |
| 29 | .052 | .055 | .053 | .049 | .047 | .043 | .036 | .039 | .035 | .037 | .041 | .043 | BF | .044 | .042 | .046 | .048 | .039 | .043 | .048 | .053 | .049 | .044 | .045 | 23 | .055 | |
| 30 | .046 | .047 | .047 | .047 | .046 | .046 | .046 | .045 | .045 | .045 | .046 | .049 | BF | .048 | .046 | .046 | .046 | .048 | .050 | .049 | .046 | .043 | .044 | .043 | 23 | .050 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 20 | 20 | 20 | 20 | 2 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 | | |
| MAX: | .059 | .059 | .059 | .059 | .063 | .059 | .061 | .061 | .056 | .069 | .057 | .056 | .127 | .055 | .058 | .055 | .057 | .058 | .060 | .058 | .055 | .056 | .060 | .058 | | | |
| AVG: | .0459 | .0468 | .0469 | .0467 | .0462 | .0455 | .0456 | .0446 | .0431 | .0441 | .0422 | .0419 | .0865 | .0434 | .0439 | .0431 | .0438 | .0445 | .0458 | .0459 | .0457 | .0452 | .0445 | .0459 | | | |

MONTHLY OBSERVATIONS: 443 MONTHLY MEAN: .0450 MONTHLY MAX: .127

1 Values marked with 'P' exceed the PRIMARY STANDARD of: .125
 1 Values marked with 'S' exceed the SECONDARY STANDARD of: .125

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

1 Daily maxima above primary standard
 1 Daily maxima above secondary standard

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0035 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: TOWER BLUE RIDGE PKWY MILE MARKER 410
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.379167
 LONGITUDE: -82.7925
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1617.88
 PROBE HEIGHT: 4.67

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SFM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .042 | .042 | .040 | .035 | .032 | .032 | .033 | .033 | .034 | .031 | .033 | .037 | BF | .038 | .037 | .037 | .036 | .035 | .036 | .034 | .038 | .040 | .041 | .040 | 23 | .042 |
| 2 | .038 | .037 | .039 | .040 | .040 | .041 | .043 | .041 | .044 | .043 | .042 | .041 | BF | .042 | .043 | .041 | .041 | .042 | .044 | .045 | .047 | .049 | .049 | .050 | 23 | .050 |
| 3 | .051 | .051 | .051 | .045 | .042 | .043 | .039 | .038 | .039 | .041 | .041 | .043 | BF | .045 | .047 | .046 | .045 | .044 | .043 | .046 | .045 | .045 | .049 | .052 | 23 | .052 |
| 4 | .053 | .052 | .051 | .052 | .049 | .045 | .047 | .047 | .044 | .041 | .039 | .038 | BF | .038 | .039 | .040 | .044 | .046 | .047 | .049 | .047 | .043 | .039 | .044 | 23 | .053 |
| 5 | .041 | .043 | .054 | .059 | .065 | .059 | .052 | BA | BA | .045 | .043 | .043 | BF | .048 | .053 | .058 | .058 | .055 | .051 | .054 | .056 | .055 | .058 | .052 | 21 | .065 |
| 6 | .046 | .044 | .043 | .048 | .051 | .054 | .054 | .055 | .049 | .043 | .043 | .041 | BF | .043 | .040 | .040 | .038 | .038 | .040 | .044 | .050 | .052 | .048 | .042 | 23 | .055 |
| 7 | .039 | .039 | .037 | .035 | .033 | .030 | .030 | .028 | .027 | .027 | .025 | .023 | BF | .020 | .020 | .020 | .018 | .017 | .018 | .021 | .024 | .025 | .024 | .022 | 23 | .039 |
| 8 | .020 | .021 | .022 | .022 | .020 | .021 | .021 | .022 | .020 | .019 | .018 | .018 | BF | .020 | .021 | .021 | .021 | .029 | .028 | .029 | .027 | .023 | .020 | .020 | 23 | .029 |
| 9 | .021 | .020 | .019 | .021 | .020 | .022 | .021 | .022 | .021 | .023 | .022 | .022 | BF | .023 | .020 | .018 | .017 | .016 | .015 | .015 | .015 | .017 | .024 | .025 | 23 | .025 |
| 10 | .023 | .025 | .024 | .022 | .024 | .023 | .021 | .021 | .020 | .020 | .021 | .019 | BF | .019 | .019 | .020 | .018 | .020 | .022 | .027 | .030 | .032 | .037 | .033 | 23 | .037 |
| 11 | .037 | .036 | .034 | .032 | .032 | .031 | .030 | .027 | .026 | .026 | .027 | .026 | BF | .035 | .036 | .037 | .033 | .032 | .035 | .039 | .040 | .036 | .032 | .031 | 23 | .040 |
| 12 | .039 | .049 | .054 | .053 | .052 | .056 | .056 | .054 | .053 | .046 | .040 | .035 | BF | .048 | .044 | .044 | .045 | .043 | .044 | .047 | .047 | .042 | .039 | .036 | 23 | .056 |
| 13 | .034 | .032 | .033 | .032 | .030 | .029 | .027 | .027 | .027 | .026 | .027 | .025 | BF | .024 | .026 | .029 | .024 | .029 | .025 | .025 | .027 | .030 | .033 | .040 | 23 | .040 |
| 14 | .042 | .043 | .044 | .046 | .047 | .048 | .048 | .047 | .045 | .043 | .043 | .039 | BF | .033 | .037 | .036 | .036 | .035 | .036 | .035 | .038 | .038 | .037 | .039 | 23 | .048 |
| 15 | .045 | .047 | .043 | .042 | .040 | .036 | .035 | .034 | .033 | .032 | .031 | .031 | BF | .032 | .032 | .031 | .031 | .032 | .032 | .034 | .033 | .033 | .033 | .035 | 23 | .047 |
| 16 | .030 | .026 | .027 | .029 | .030 | .029 | .023 | .021 | .022 | .024 | .025 | .026 | BF | .030 | .032 | .034 | .033 | .034 | .036 | .035 | .036 | .037 | .039 | .037 | 23 | .039 |
| 17 | .037 | .044 | .044 | .045 | .047 | .050 | .051 | .052 | .051 | .046 | .039 | .039 | BF | .042 | .042 | .041 | .042 | .043 | .044 | .041 | .042 | .050 | .054 | .052 | 23 | .054 |
| 18 | .054 | .053 | .053 | .053 | .054 | .053 | .053 | .049 | .045 | .045 | .041 | .039 | BF | .044 | .044 | .045 | .045 | .047 | .046 | .046 | .042 | .047 | .053 | .055 | 23 | .055 |
| 19 | .052 | .053 | .053 | .053 | .053 | .052 | .052 | .052 | .052 | .052 | .053 | .052 | BF | .050 | .049 | .051 | .052 | .051 | .050 | .053 | .052 | .053 | .052 | .049 | 23 | .053 |
| 20 | .047 | .050 | .051 | .053 | .054 | .054 | .056 | .056 | .054 | .051 | .049 | .051 | BF | .051 | .050 | .052 | .054 | .054 | .051 | .049 | .050 | .049 | .049 | .055 | 23 | .056 |
| 21 | .061 | .057 | .058 | .059 | .057 | .057 | .057 | .053 | .052 | .052 | .053 | .051 | BF | .052 | .052 | .053 | .052 | .050 | .053 | .053 | .060 | .061 | .062 | .061 | 23 | .062 |
| 22 | .060 | .060 | .060 | .059 | .057 | .051 | .045 | .041 | .039 | .039 | .039 | .039 | BF | .040 | .041 | .042 | .042 | .041 | .039 | .038 | .038 | .039 | .038 | .037 | 23 | .060 |
| 23 | .037 | .035 | .035 | .035 | .033 | .031 | .030 | .027 | .027 | .029 | .026 | .029 | BF | .038 | .040 | .041 | .043 | .045 | .045 | .047 | .045 | .042 | .040 | .037 | 23 | .047 |
| 24 | .036 | .035 | .040 | .044 | .045 | .045 | .044 | .044 | .042 | .041 | .042 | .043 | BF | .043 | .043 | .043 | .043 | .042 | .040 | .038 | .040 | .042 | .041 | .041 | 23 | .045 |
| 25 | .041 | .040 | .038 | .036 | .036 | .036 | .039 | .039 | .038 | .037 | .036 | .036 | BF | AE | .035 | .036 | .035 | .036 | .036 | .038 | .039 | .040 | .041 | .041 | 22 | .041 |
| 26 | .041 | .041 | .040 | .040 | .040 | .041 | .041 | .042 | .043 | .042 | .043 | .043 | BF | .045 | .045 | .045 | .044 | .043 | .042 | .043 | .045 | .044 | .044 | .043 | 23 | .045 |
| 27 | .042 | .044 | .045 | .047 | .049 | .049 | .049 | .049 | .049 | .046 | .045 | .045 | BF | .042 | .042 | .045 | .048 | .050 | .052 | .048 | .045 | .044 | .044 | .045 | 23 | .052 |
| 28 | .045 | .042 | .042 | .042 | .041 | .042 | .042 | .042 | .039 | .038 | .039 | .039 | BF | .037 | .039 | .039 | .040 | .042 | .045 | .045 | .042 | .039 | .036 | .036 | 23 | .045 |
| 29 | .035 | .029 | .021 | .022 | .019 | .019 | .019 | .018 | .019 | .018 | .018 | .018 | BF | AE | AE | .026 | .027 | .027 | .028 | .028 | .027 | .027 | .028 | .028 | 21 | .035 |
| 30 | .027 | .027 | .029 | .032 | .035 | .037 | .039 | .041 | .041 | .042 | .040 | .038 | BF | .036 | .037 | .037 | .035 | .036 | .039 | .039 | .039 | .042 | .045 | .047 | 23 | .047 |
| 31 | .048 | .049 | .048 | .047 | .047 | .048 | .049 | .051 | .051 | .051 | .049 | .049 | BF | .048 | .046 | .047 | .051 | .049 | .051 | .051 | .050 | .052 | .053 | .052 | 23 | .053 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .061 | .060 | .060 | .059 | .065 | .059 | .057 | .056 | .054 | .052 | .053 | .052 | | .052 | .053 | .058 | .058 | .055 | .053 | .054 | .060 | .061 | .062 | .061 | | |
| AVG: | .0408 | .0408 | .0410 | .0413 | .0411 | .0408 | .0402 | .0391 | .0382 | .0374 | .0365 | .0361 | | .0381 | .0384 | .0385 | .0384 | .0388 | .0391 | .0399 | .0405 | .0409 | .0414 | .0412 | | |

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .0395 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0035 POC: 1
 COUNTY: (087) Haywood
 CITY: (00000) Not in a city
 SITE ADDRESS: TOWER BLUE RIDGE PKWY MILE MARKER 410
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.379167
 LONGITUDE: -82.7925
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1617.88
 PROBE HEIGHT: 4.67

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .052 | .051 | .049 | .049 | .048 | .048 | .050 | .051 | .051 | .048 | .048 | .047 | BF | | | | | | | | | | | | 12 | .052 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| MAX: | .052 | .051 | .049 | .049 | .048 | .048 | .050 | .051 | .051 | .048 | .048 | .047 | | | | | | | | | | | | | | | | |
| AVG: | .0520 | .0510 | .0490 | .0490 | .0480 | .0480 | .0500 | .0510 | .0510 | .0480 | .0480 | .0470 | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 12 MONTHLY MEAN: .0493 MONTHLY MAX: .052

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0036 POC: 1
 COUNTY: (087) Haywood
 CITY: (71500) Waynesville
 SITE ADDRESS: 6905 Purchase Knob Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.587144
 LONGITUDE: -83.074156
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1550
 PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .034 | .032 | .033 | .032 | .032 | .033 | .033 | .031 | .030 | .030 | .029 | .030 | BF | .028 | .028 | .029 | .030 | .033 | .034 | .036 | .040 | .042 | .038 | .041 | 23 | .042 |
| 2 | .042 | .041 | .042 | .044 | .042 | .041 | .039 | .040 | .039 | .039 | .041 | .043 | BF | .044 | .046 | .047 | .046 | .046 | .044 | .043 | .042 | .041 | .041 | .043 | 23 | .047 |
| 3 | .045 | .045 | .044 | .043 | .043 | .043 | .042 | .041 | .041 | .042 | .043 | .044 | BF | .044 | .045 | .046 | .046 | .045 | .044 | .043 | .043 | .043 | .042 | .043 | 23 | .046 |
| 4 | .043 | .049 | .053 | .052 | .052 | .052 | .051 | .050 | .049 | .049 | .047 | .041 | BF | .052 | .052 | .052 | .053 | .054 | .054 | .053 | .053 | .054 | .053 | .053 | 23 | .054 |
| 5 | .052 | .051 | .050 | .051 | .052 | .053 | .053 | .053 | .052 | .052 | .052 | .050 | BF | .054 | .055 | .055 | .055 | .053 | .054 | .054 | .054 | .056 | .056 | .054 | 23 | .056 |
| 6 | .053 | .054 | .053 | .052 | .052 | .049 | .045 | .045 | .045 | .044 | .045 | .045 | BF | .045 | .045 | .046 | .046 | .046 | .046 | .047 | .048 | .048 | .048 | .046 | 23 | .054 |
| 7 | .046 | .046 | .047 | .047 | .048 | .047 | .047 | .047 | .046 | .045 | .045 | .044 | BF | .045 | .045 | .044 | .043 | .043 | .043 | .044 | .042 | .042 | .042 | .040 | 23 | .048 |
| 8 | .040 | .039 | .040 | .041 | .044 | .047 | .049 | .049 | .048 | .049 | .049 | .049 | BF | .050 | .051 | .051 | .051 | .051 | .051 | .051 | .051 | .050 | .050 | .051 | 23 | .051 |
| 9 | .051 | .052 | .052 | .052 | .052 | .052 | .053 | .050 | .048 | .051 | .052 | .051 | BF | .054 | .053 | .053 | .053 | .052 | .053 | .054 | .050 | .052 | .054 | .053 | 23 | .054 |
| 10 | .052 | .051 | .046 | .046 | .046 | .044 | .046 | .048 | .047 | .045 | .045 | .044 | BF | .046 | .046 | .046 | .047 | .046 | .045 | .044 | .045 | .046 | .046 | .046 | 23 | .052 |
| 11 | .045 | .044 | .044 | .043 | .042 | .041 | .041 | .040 | .038 | .039 | .039 | .038 | BF | .037 | .036 | .036 | .035 | .036 | .036 | .036 | .040 | .043 | .043 | .040 | 23 | .045 |
| 12 | .040 | .040 | .041 | .041 | .041 | .040 | .039 | .039 | .041 | .039 | .040 | .042 | BF | .046 | .045 | .045 | .046 | .045 | .046 | .045 | .044 | .044 | .044 | .045 | 23 | .046 |
| 13 | .043 | .038 | .037 | .042 | .040 | .039 | .040 | .039 | .041 | .042 | .045 | .046 | BF | .043 | .041 | .040 | .040 | .040 | .037 | .034 | .038 | .033 | .028 | .027 | 23 | .046 |
| 14 | .029 | .028 | .029 | .036 | .038 | .039 | .039 | .040 | .037 | .035 | .034 | .033 | BF | .032 | .038 | .039 | .038 | .039 | .041 | .040 | .041 | .041 | .040 | .041 | 23 | .041 |
| 15 | .042 | .042 | .042 | .041 | .042 | .042 | .042 | .041 | .041 | .042 | .042 | .042 | BF | .043 | .043 | .044 | .044 | .043 | .043 | .042 | .042 | .042 | .043 | .042 | 23 | .044 |
| 16 | .043 | .044 | .044 | .044 | .045 | .045 | .045 | .048 | .049 | .049 | .048 | .048 | BF | .052 | .051 | .050 | .050 | .051 | .050 | .050 | .052 | .053 | .052 | .055 | 23 | .055 |
| 17 | .057 | .060 | .056 | .050 | .049 | .048 | .047 | .046 | .045 | .045 | .045 | .045 | BF | BA | .047 | .047 | .048 | .048 | .048 | .046 | .045 | .045 | .045 | .045 | 22 | .060 |
| 18 | .046 | .049 | .048 | .047 | .048 | .048 | .046 | .044 | .042 | .042 | .043 | .046 | BF | .045 | .047 | .049 | .050 | .051 | .052 | .051 | .049 | .045 | .042 | .039 | 23 | .052 |
| 19 | .035 | .034 | .035 | .033 | .033 | .034 | .035 | .033 | .033 | .032 | .033 | .032 | BF | .035 | .035 | .036 | .037 | .038 | .037 | .037 | .038 | .039 | .042 | .049 | 23 | .049 |
| 20 | .053 | .053 | .052 | .053 | .056 | .057 | .057 | .055 | .053 | .052 | .050 | .047 | BF | .044 | .043 | .043 | .043 | .043 | .043 | .043 | .044 | .044 | .046 | .049 | 23 | .057 |
| 21 | .050 | .052 | .052 | .050 | .048 | .047 | .047 | .045 | .044 | .045 | .046 | .048 | BF | .050 | .050 | .050 | .051 | .052 | .054 | .057 | .056 | .050 | .052 | .048 | 23 | .057 |
| 22 | .045 | .044 | .042 | .043 | .043 | .043 | .042 | .041 | .040 | .040 | .043 | .044 | BF | .049 | .053 | .052 | .052 | .051 | .051 | .051 | .051 | .051 | .050 | .042 | 23 | .053 |
| 23 | .047 | .045 | .047 | .047 | .046 | .043 | .043 | .042 | .040 | .041 | .044 | .047 | BF | .051 | .052 | .053 | .052 | .050 | .049 | .047 | .049 | .048 | .048 | .047 | 23 | .053 |
| 24 | .048 | .048 | .048 | .047 | .046 | .045 | .042 | .045 | .049 | .050 | .049 | .048 | BF | .047 | .047 | .047 | .047 | .047 | .045 | .044 | .042 | .044 | .044 | .044 | 23 | .050 |
| 25 | .044 | .046 | .047 | .045 | .044 | .043 | .042 | .043 | .044 | .045 | .045 | .046 | BF | .045 | .045 | .045 | .045 | .045 | .044 | .044 | .044 | .044 | .044 | .043 | 23 | .047 |
| 26 | .044 | .043 | .043 | .043 | .042 | .039 | .039 | .042 | .045 | .047 | .047 | .047 | BF | .048 | .046 | .048 | .045 | .044 | .043 | .043 | .042 | .040 | .039 | .038 | 23 | .048 |
| 27 | .038 | .037 | .037 | .036 | .039 | .039 | .042 | .040 | .042 | .043 | .045 | .046 | BF | .042 | .043 | .043 | .044 | .046 | .046 | .046 | .045 | .044 | .047 | .056 | 23 | .056 |
| 28 | .058 | .055 | .050 | .051 | .050 | .049 | .049 | .048 | .048 | .049 | .051 | .051 | BF | .051 | .051 | .052 | .051 | .050 | .048 | .047 | .048 | .050 | .051 | .048 | 23 | .058 |
| 29 | .046 | .048 | .050 | .051 | .052 | .052 | .051 | .048 | .050 | .047 | .044 | .049 | BF | .054 | .056 | .050 | .051 | .053 | .054 | .054 | .055 | .054 | .050 | .052 | 23 | .056 |
| 30 | .052 | .055 | .052 | .052 | .050 | .050 | .050 | .048 | .046 | .041 | .042 | .043 | BF | .046 | .047 | .049 | .050 | .050 | .050 | .048 | .048 | .047 | .045 | .043 | 23 | .055 |
| 31 | .044 | .048 | .048 | .048 | .050 | .050 | .048 | .046 | .044 | .045 | .047 | .045 | BF | BA | .039 | .039 | .042 | .043 | .042 | .042 | .042 | .042 | .043 | .040 | 22 | .050 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .058 | .060 | .056 | .053 | .056 | .057 | .057 | .055 | .053 | .052 | .052 | .051 | | .054 | .056 | .055 | .055 | .054 | .054 | .057 | .056 | .056 | .056 | .056 | | |
| AVG: | .0454 | .0456 | .0453 | .0453 | .0454 | .0450 | .0446 | .0441 | .0438 | .0437 | .0442 | .0443 | | .0456 | .0458 | .0460 | .0462 | .0463 | .0460 | .0457 | .0459 | .0457 | .0454 | .0453 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0452 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0036 POC: 1
 COUNTY: (087) Haywood
 CITY: (71500) Waynesville
 SITE ADDRESS: 6905 Purchase Knob Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.587144
 LONGITUDE: -83.074156
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1550
 PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SFM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .040 | .038 | .037 | .036 | .034 | .030 | .029 | .034 | .040 | .040 | .040 | .042 | BF | .043 | .044 | .044 | .044 | .043 | .041 | .043 | .050 | .047 | .049 | .057 | 23 | .057 | |
| 2 | .057 | .058 | .056 | .056 | .054 | .053 | .053 | .051 | .049 | .047 | .046 | .042 | BF | .046 | .050 | .050 | .048 | .045 | .042 | .042 | .045 | .050 | .049 | .049 | 23 | .058 | |
| 3 | .048 | .048 | .050 | .050 | .052 | .053 | .054 | .053 | .048 | .045 | .042 | .039 | BF | .043 | .047 | .050 | .048 | .046 | .045 | .045 | .045 | .047 | .047 | .045 | 23 | .054 | |
| 4 | .046 | .044 | .044 | .046 | .048 | .049 | .049 | .049 | .050 | .051 | .051 | .050 | BF | .050 | .049 | .050 | .050 | .049 | .050 | .050 | .052 | .052 | .051 | .051 | 23 | .052 | |
| 5 | .051 | .049 | .047 | .050 | .049 | .047 | .048 | .049 | .049 | .049 | .050 | .052 | BF | .051 | .050 | .049 | .045 | .047 | .045 | .045 | .043 | .042 | .042 | .040 | 23 | .052 | |
| 6 | .039 | .039 | .042 | .039 | .037 | .034 | .035 | .035 | .033 | .032 | .031 | .032 | BF | .034 | .035 | .036 | .037 | .041 | .041 | .042 | .041 | .040 | .040 | .041 | 23 | .042 | |
| 7 | .041 | .041 | .041 | .039 | .041 | .041 | .041 | .041 | .040 | .041 | .042 | .042 | BF | .044 | .046 | .047 | .048 | .049 | .049 | .048 | .048 | .049 | .050 | .050 | 23 | .050 | |
| 8 | .050 | .050 | .049 | .049 | .049 | .049 | .048 | .048 | .050 | .052 | .051 | .052 | BF | .057 | .057 | .057 | .057 | .058 | .057 | .057 | .057 | .056 | .056 | .056 | 23 | .058 | |
| 9 | .058 | .061 | .064 | .065 | .064 | .063 | .063 | .060 | .056 | .054 | .052 | .054 | BF | .058 | .057 | .057 | .058 | .058 | .057 | .058 | .057 | .057 | .060 | .061 | 23 | .065 | |
| 10 | .059 | .059 | .058 | .058 | .057 | .057 | .057 | .055 | .057 | .059 | .060 | .060 | BF | .058 | .058 | .058 | .058 | .057 | .057 | .059 | .059 | .061 | .062 | .062 | 23 | .062 | |
| 11 | .060 | .059 | .059 | .056 | .055 | .054 | .055 | .056 | .057 | .057 | .057 | .057 | BF | .057 | .058 | .060 | .060 | .058 | .058 | .058 | .054 | .057 | .060 | .059 | 23 | .060 | |
| 12 | .051 | .047 | .047 | .049 | .048 | .049 | .051 | .051 | .051 | .054 | .052 | .053 | BF | .059 | .059 | .060 | .061 | .060 | .060 | .060 | .060 | .060 | .060 | .059 | 23 | .061 | |
| 13 | .059 | .059 | .058 | .059 | .059 | .059 | .058 | .057 | .056 | .054 | .056 | .059 | BF | .059 | .060 | .060 | .061 | .063 | .065 | .066 | .065 | .066 | .063 | .062 | 23 | .066 | |
| 14 | .064 | .065 | .063 | .061 | .058 | .059 | .058 | .057 | .059 | .061 | .060 | .063 | BF | .065 | .065 | .065 | .065 | .058 | .056 | .058 | .059 | .059 | .060 | .058 | 23 | .065 | |
| 15 | .060 | .056 | .053 | .051 | .050 | .049 | .049 | .049 | .049 | .051 | .053 | .054 | BF | .055 | .057 | .058 | .057 | .055 | .053 | .051 | .050 | .049 | .048 | .047 | 23 | .060 | |
| 16 | .047 | .047 | .047 | .047 | .048 | .048 | .049 | .049 | .050 | .049 | .049 | .048 | BF | .048 | .047 | .047 | .046 | .045 | .045 | .043 | .045 | .044 | .045 | .047 | 23 | .050 | |
| 17 | .044 | .044 | .043 | .041 | .040 | .044 | .043 | .044 | .045 | .045 | .044 | .041 | .040 | .039 | .040 | .037 | .044 | .041 | .043 | .041 | .042 | .042 | .040 | 24 | .045 | | |
| 18 | .039 | .043 | .041 | .042 | .046 | .038 | .030 | .021 | .029 | .035 | .039 | .037 | BF | .040 | .040 | .038 | .039 | .034 | .032 | .030 | .028 | .030 | .027 | .031 | 23 | .046 | |
| 19 | .035 | .034 | .031 | .035 | .032 | .037 | .035 | .031 | .034 | .035 | .034 | .036 | BF | .043 | .044 | .045 | .044 | .041 | .034 | .031 | .036 | .038 | .041 | .041 | 23 | .045 | |
| 20 | .039 | .038 | .040 | .041 | .042 | .040 | .038 | .038 | .039 | .038 | .039 | .041 | BF | .044 | .042 | .041 | .040 | .037 | .035 | .034 | .038 | .039 | .036 | .038 | 23 | .044 | |
| 21 | .045 | .044 | .044 | .042 | .043 | .043 | .042 | .042 | .043 | .042 | .041 | .041 | BF | .041 | .039 | .039 | .039 | .036 | .037 | .038 | .041 | .037 | .039 | .040 | 23 | .045 | |
| 22 | .039 | .039 | .040 | .038 | .037 | .037 | .038 | .039 | .039 | .041 | .041 | .042 | BF | .045 | .047 | .048 | .047 | .044 | .041 | .051 | .053 | .051 | .046 | .043 | 23 | .053 | |
| 23 | .041 | .040 | .041 | .037 | .037 | .029 | .035 | .038 | .034 | .031 | .034 | BF | .029 | .027 | .026 | .026 | .026 | .027 | .024 | .023 | .023 | .021 | .021 | .022 | 23 | .041 | |
| 24 | .023 | .025 | .026 | .027 | .027 | .028 | .027 | .028 | .027 | .027 | .030 | .030 | BF | .036 | .035 | .035 | .034 | .031 | .029 | .031 | .033 | .035 | .038 | .039 | 23 | .039 | |
| 25 | .038 | .043 | .044 | .045 | .031 | .042 | .035 | .027 | .028 | .031 | .032 | .034 | BF | .034 | .035 | .034 | .034 | .033 | .031 | .027 | .023 | .027 | .032 | .034 | 23 | .045 | |
| 26 | .037 | .039 | .043 | .049 | .050 | .050 | .050 | .040 | .035 | .035 | .036 | .041 | BF | .051 | .054 | .056 | .052 | .045 | .051 | .054 | .059 | .062 | .056 | .053 | 23 | .062 | |
| 27 | .054 | .056 | .056 | .052 | .057 | .056 | .053 | .048 | .045 | .042 | .039 | .036 | BF | .032 | .033 | .033 | .036 | .043 | .043 | .041 | .040 | .040 | .041 | .042 | 23 | .057 | |
| 28 | .046 | .047 | .051 | .053 | .052 | .054 | .052 | .052 | .052 | .054 | .055 | .047 | BC | .058 | .058 | .054 | .051 | .047 | .043 | .041 | .041 | .041 | .040 | .038 | 22 | .058 | |
| 29 | .037 | .036 | .037 | .038 | .039 | .039 | .042 | .042 | .043 | .045 | .048 | .049 | BF | .048 | .047 | .046 | .046 | .045 | .046 | .047 | .047 | .045 | .045 | .043 | 23 | .049 | |
| 30 | .039 | .037 | .035 | .034 | .034 | .035 | .036 | .035 | .035 | .034 | .032 | .033 | BF | .037 | .039 | .039 | .040 | .041 | .039 | .037 | .037 | .038 | .038 | .037 | 23 | .041 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 1 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .064 | .065 | .064 | .065 | .064 | .063 | .063 | .060 | .059 | .061 | .060 | .063 | .040 | .065 | .065 | .065 | .065 | .063 | .065 | .066 | .065 | .066 | .063 | .062 | | | |
| AVG: | .0462 | .0462 | .0462 | .0462 | .0457 | .0455 | .0451 | .0440 | .0441 | .0444 | .0444 | .0447 | .0400 | .0464 | .0473 | .0474 | .0469 | .0460 | .0450 | .0451 | .0457 | .0461 | .0461 | .0462 | | | |

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .0457 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0036 POC: 1
 COUNTY: (087) Haywood
 CITY: (71500) Waynesville
 SITE ADDRESS: 6905 Purchase Knob Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.587144
 LONGITUDE: -83.074156
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1550
 PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .033 | .031 | .033 | .034 | .033 | .032 | .033 | .033 | .033 | .031 | .030 | .031 | BF | .039 | .042 | .048 | .057 | .060 | .059 | .057 | .058 | .058 | .057 | .055 | 23 | .060 | |
| 2 | .053 | .056 | .056 | .054 | .054 | .053 | .053 | .053 | .053 | .053 | .053 | .052 | BF | .050 | .050 | .051 | .052 | .052 | .052 | .053 | .052 | .052 | .052 | .052 | 23 | .056 | |
| 3 | .052 | .051 | .051 | .050 | .049 | .050 | .049 | .049 | .049 | .050 | .051 | .052 | BF | .052 | .054 | .055 | .054 | .052 | .049 | .051 | .054 | .056 | .053 | .053 | 23 | .056 | |
| 4 | .051 | .052 | .057 | .059 | .060 | .058 | .059 | .058 | .057 | .056 | .056 | .056 | BF | .055 | .053 | .054 | .052 | .051 | .048 | .047 | .045 | .045 | .046 | .047 | 23 | .060 | |
| 5 | .050 | .054 | .055 | .053 | .051 | .045 | .042 | .040 | .038 | .035 | .031 | .032 | BF | .036 | .035 | .033 | .033 | .033 | .030 | .027 | .028 | .031 | .033 | .033 | 23 | .055 | |
| 6 | .033 | .032 | .044 | .047 | .046 | .046 | .047 | .048 | .049 | .052 | .053 | .052 | BF | .048 | .047 | .047 | .044 | .042 | .048 | .053 | .054 | .050 | .048 | .047 | 23 | .054 | |
| 7 | .047 | .047 | .046 | .046 | .045 | .044 | .046 | .050 | .050 | .050 | .049 | .047 | BF | .049 | .050 | .052 | .052 | .051 | .049 | .047 | .046 | .047 | .049 | .050 | 23 | .052 | |
| 8 | .050 | .051 | .052 | .053 | .053 | .053 | .052 | .052 | .054 | .054 | .055 | .057 | BF | .059 | .059 | .060 | .061 | .061 | .061 | .060 | .058 | .057 | .057 | .058 | 23 | .061 | |
| 9 | .058 | .059 | .057 | .055 | .055 | .054 | .054 | .055 | .058 | .060 | .060 | .059 | BF | .058 | .057 | .057 | .058 | .061 | .062 | .062 | .061 | .060 | .059 | .058 | 23 | .062 | |
| 10 | .059 | .058 | .057 | .055 | .056 | .062 | .062 | .058 | .058 | .060 | .064 | .067 | BF | .064 | .063 | .063 | .063 | .061 | .057 | .060 | .060 | .061 | .059 | .060 | 23 | .067 | |
| 11 | .060 | .060 | .059 | .058 | .057 | .057 | .055 | .055 | .055 | .055 | .057 | .054 | BF | .054 | .052 | .053 | .056 | .055 | .055 | .054 | .052 | .052 | .052 | .050 | 23 | .060 | |
| 12 | .050 | .051 | .050 | .051 | .050 | .050 | .045 | .048 | .045 | .044 | .045 | .049 | BF | .050 | .045 | .042 | .039 | .038 | .039 | .042 | .044 | .042 | .038 | .039 | 23 | .051 | |
| 13 | .041 | .041 | .045 | .038 | .034 | .029 | .032 | .034 | .032 | .031 | .029 | .034 | BF | .031 | .038 | .044 | .045 | .044 | .043 | .044 | .045 | .046 | .046 | .046 | 23 | .046 | |
| 14 | .048 | .048 | .049 | .051 | .053 | .054 | .059 | .061 | .061 | .058 | .057 | .057 | BF | .059 | .058 | .058 | .058 | .058 | .058 | .058 | .056 | .058 | .057 | .056 | 23 | .061 | |
| 15 | .055 | .056 | .057 | .056 | .056 | .056 | .055 | .054 | .054 | .053 | .055 | .056 | BF | .057 | .058 | .058 | .059 | .060 | .062 | .063 | .063 | .063 | .063 | .064 | 23 | .064 | |
| 16 | .064 | .058 | .062 | .061 | .060 | .056 | .048 | .048 | .049 | .051 | .051 | .052 | BF | .057 | .057 | .057 | .061 | .058 | .056 | .056 | .056 | .059 | .065 | .062 | 23 | .065 | |
| 17 | .058 | .058 | .056 | .057 | .059 | .055 | .052 | .050 | .051 | .053 | .053 | .053 | BF | .055 | .053 | .053 | .052 | .051 | .051 | .050 | .047 | .047 | .047 | .043 | 23 | .059 | |
| 18 | .042 | .042 | .042 | .041 | .038 | .035 | .036 | .039 | .038 | .040 | .043 | .042 | BF | .042 | .043 | .043 | .043 | .045 | .042 | .039 | .035 | .038 | .043 | .039 | 23 | .045 | |
| 19 | .039 | .036 | .031 | .033 | .031 | .036 | .037 | .038 | .039 | .041 | .040 | .040 | BF | .037 | .036 | .038 | .041 | .040 | .036 | .033 | .029 | .036 | .030 | .033 | 23 | .041 | |
| 20 | .032 | .038 | .035 | .037 | .034 | .042 | .033 | .037 | .036 | .040 | .042 | .046 | BF | .053 | .049 | .049 | .048 | .045 | .043 | .044 | .042 | .040 | .039 | .041 | 23 | .053 | |
| 21 | .044 | .041 | .032 | .034 | .037 | .035 | .021 | .020 | .026 | .027 | .027 | .029 | BF | .040 | .043 | .039 | .035 | .032 | .031 | .022 | .022 | .032 | .033 | .032 | 23 | .044 | |
| 22 | .034 | .031 | .033 | .030 | .029 | .030 | .025 | .024 | .026 | .024 | .028 | .027 | BF | .033 | .034 | .035 | .035 | .034 | .032 | .037 | .044 | .040 | .037 | .033 | 23 | .044 | |
| 23 | .033 | .041 | .059 | .052 | .042 | .035 | .039 | .035 | .033 | .034 | .024 | .029 | BF | .031 | .030 | .030 | .030 | .031 | .032 | .029 | .032 | .029 | .032 | .034 | 23 | .059 | |
| 24 | .033 | .034 | .038 | .040 | .035 | .032 | .034 | .032 | .032 | .032 | .035 | .034 | BF | .041 | .037 | .037 | .041 | .043 | .041 | .040 | .039 | .035 | .032 | .036 | 23 | .043 | |
| 25 | .040 | .038 | .041 | .045 | .046 | .046 | .045 | .043 | .042 | .040 | .041 | .042 | BF | .039 | .039 | .042 | .043 | .046 | .047 | .048 | .051 | .052 | .051 | .052 | 23 | .052 | |
| 26 | .051 | .051 | .050 | .049 | .048 | .048 | .047 | .046 | .046 | .046 | .049 | .053 | BF | AI | .055 | .052 | .050 | .048 | .049 | .047 | .047 | .048 | .044 | .050 | 22 | .055 | |
| 27 | .054 | .057 | .056 | .055 | .053 | .051 | .051 | .048 | .047 | .046 | .045 | .043 | BF | .041 | .042 | .040 | .038 | .038 | .039 | .038 | .036 | .039 | AV | AV | 21 | .057 | |
| 28 | AV | .047 | .056 | .058 | .056 | .055 | .048 | .042 | .044 | .046 | .047 | .043 | AN | .044 | .047 | .045 | .043 | .044 | .051 | .050 | .047 | .046 | .047 | .052 | 22 | .058 | |
| 29 | .054 | .052 | .053 | .050 | .049 | .048 | .044 | .044 | .044 | .043 | .041 | .043 | AN | .042 | .042 | .044 | .047 | .049 | .045 | .044 | .036 | .044 | .042 | .042 | 23 | .054 | |
| 30 | .041 | .042 | .043 | .044 | .044 | .044 | .040 | .040 | .039 | .042 | .042 | .043 | AN | .045 | .045 | .046 | .045 | .043 | .043 | .046 | .046 | .045 | .051 | .052 | 23 | .052 | |
| 31 | .052 | .052 | .049 | .048 | .048 | .050 | .046 | .045 | .046 | .046 | .042 | .039 | BF | .044 | .044 | .045 | .047 | .049 | .044 | .049 | .049 | .052 | .052 | .051 | 23 | .052 | |
| NO.: | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | | | |
| MAX: | .064 | .060 | .062 | .061 | .060 | .062 | .061 | .061 | .061 | .060 | .064 | .067 | | .064 | .063 | .063 | .063 | .061 | .062 | .063 | .063 | .063 | .063 | .065 | .064 | | |
| AVG: | .0470 | .0473 | .0485 | .0482 | .0471 | .0465 | .0449 | .0445 | .0446 | .0449 | .0450 | .0456 | | .0468 | .0470 | .0474 | .0478 | .0476 | .0469 | .0468 | .0463 | .0471 | .0471 | .0473 | | | |

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .0466 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0036 POC: 1
 COUNTY: (087) Haywood
 CITY: (71500) Waynesville
 SITE ADDRESS: 6905 Purchase Knob Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.587144
 LONGITUDE: -83.074156
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1550
 PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .052 | .050 | .049 | .050 | .052 | .054 | .054 | .050 | .052 | .051 | .054 | .055 | BF | .058 | .056 | .055 | .053 | .054 | .052 | .052 | .052 | .054 | .055 | .056 | 23 | .058 | |
| 2 | .055 | .054 | .055 | .055 | .057 | .057 | .053 | .051 | .050 | .049 | .050 | .052 | BF | .051 | .054 | .054 | .055 | .058 | .059 | .061 | .062 | .060 | .059 | .060 | 23 | .062 | |
| 3 | .057 | .052 | .052 | .050 | .047 | .052 | .053 | .049 | .045 | .045 | .048 | .050 | BF | .054 | .053 | .054 | .055 | .058 | .062 | .064 | .063 | .060 | .060 | .061 | 23 | .064 | |
| 4 | .055 | .043 | .045 | .055 | .059 | .051 | .047 | .044 | .043 | .040 | .034 | .034 | BF | .035 | .030 | .028 | .028 | .024 | .021 | .024 | .022 | .025 | .028 | .031 | 23 | .059 | |
| 5 | .033 | .025 | .028 | .023 | .019 | .024 | .027 | .027 | .023 | .021 | .023 | .024 | BF | .028 | .029 | .028 | .028 | .026 | .030 | .029 | .028 | .034 | .034 | .033 | 23 | .034 | |
| 6 | .033 | .037 | .035 | .040 | .041 | .038 | .039 | .039 | .039 | .044 | .051 | .054 | BF | .062 | .059 | .057 | .053 | .052 | .049 | .052 | .052 | .045 | .042 | .043 | 23 | .062 | |
| 7 | .041 | .044 | .043 | .044 | .045 | .046 | .042 | .042 | .042 | .042 | .043 | .044 | BF | .044 | .047 | .047 | .048 | .051 | .053 | .052 | .052 | .049 | .049 | .048 | 23 | .053 | |
| 8 | .046 | .046 | .040 | .037 | .037 | .036 | .037 | .036 | .037 | .038 | .035 | .039 | BF | AI | .040 | .043 | .042 | .046 | .048 | .048 | .043 | .042 | .041 | .039 | 22 | .048 | |
| 9 | .040 | .040 | .041 | .038 | .040 | .039 | .040 | .039 | .043 | .045 | .045 | .043 | BF | .041 | .041 | .042 | .042 | .043 | .043 | .041 | .043 | .050 | .052 | .036 | 23 | .052 | |
| 10 | .042 | .040 | .049 | .054 | .053 | .046 | .050 | .050 | .051 | .051 | .051 | .050 | BF | .050 | .048 | .047 | .045 | .044 | .041 | .044 | .044 | .045 | .047 | .049 | 23 | .054 | |
| 11 | .047 | .046 | .045 | .044 | .044 | .043 | .047 | .044 | .046 | .051 | .052 | .049 | BF | .047 | .047 | .047 | .046 | .043 | .042 | .044 | .044 | .039 | .035 | .035 | 23 | .052 | |
| 12 | .035 | .036 | .040 | .042 | .041 | .039 | .038 | .034 | .034 | .035 | .035 | .036 | BF | .034 | .038 | .040 | .038 | .033 | .030 | .033 | .033 | .036 | .036 | .037 | 23 | .042 | |
| 13 | .037 | .039 | .041 | .042 | .038 | .040 | .036 | .034 | .032 | .038 | .043 | .044 | BF | .040 | .044 | .039 | .033 | .031 | .028 | .035 | .035 | .035 | .041 | .040 | 23 | .044 | |
| 14 | .046 | .046 | .053 | .055 | .051 | .047 | .042 | .039 | .038 | .038 | .043 | .045 | BF | .042 | .040 | .038 | .036 | .032 | .032 | .038 | .040 | .038 | .040 | .042 | 23 | .055 | |
| 15 | .042 | .045 | .048 | .051 | .050 | .045 | .039 | .038 | .039 | .042 | .041 | .042 | BF | .037 | .039 | .036 | .039 | .033 | .030 | .028 | .039 | .044 | .046 | .041 | 23 | .051 | |
| 16 | .041 | .042 | .044 | .044 | .042 | .041 | .040 | .036 | .038 | .034 | .039 | .043 | BF | .049 | .048 | .043 | .041 | .041 | .043 | .044 | .048 | .045 | .043 | .046 | 23 | .049 | |
| 17 | .046 | .044 | .040 | .036 | .032 | .037 | .036 | .031 | .030 | .034 | .032 | .039 | BF | .044 | .038 | .030 | .038 | .037 | .037 | .035 | .042 | .041 | .033 | .038 | 23 | .046 | |
| 18 | .045 | .041 | .033 | .028 | .027 | .028 | .026 | .027 | .028 | .029 | .026 | .025 | BF | .030 | .030 | .028 | .031 | .029 | .028 | .027 | .026 | .025 | .029 | .030 | 23 | .045 | |
| 19 | .026 | .030 | .034 | .027 | .032 | .031 | .029 | .026 | .026 | .026 | .027 | .027 | BF | .027 | .027 | .029 | .028 | .029 | .025 | .027 | .033 | .040 | .044 | .046 | 23 | .046 | |
| 20 | .045 | .043 | .044 | .043 | .042 | .044 | .043 | .042 | .045 | .041 | .040 | .045 | BF | .047 | .048 | .051 | .055 | .046 | .039 | .040 | .041 | .036 | .026 | .030 | 23 | .055 | |
| 21 | .032 | .033 | .034 | .033 | .032 | .035 | .029 | .030 | .026 | .027 | .030 | .037 | BF | .037 | .035 | .031 | .025 | .023 | .020 | .021 | .021 | .020 | .022 | .026 | 23 | .037 | |
| 22 | .028 | .024 | .027 | .021 | .021 | .019 | .013 | .014 | .013 | .012 | .015 | .015 | BF | .013 | .014 | .012 | .013 | .013 | .012 | .012 | .014 | .014 | .014 | .015 | 23 | .028 | |
| 23 | .014 | .014 | .014 | .015 | .014 | .014 | .014 | .015 | .017 | .018 | .018 | .017 | BF | BA | .018 | .024 | .025 | .027 | .024 | .022 | .022 | .024 | .026 | .027 | 22 | .027 | |
| 24 | .028 | .028 | .028 | .027 | .025 | .028 | .027 | .027 | .025 | .027 | .025 | .025 | BF | .028 | .035 | .040 | .039 | .035 | .035 | .039 | .045 | .044 | .043 | .047 | 23 | .047 | |
| 25 | .044 | .038 | .037 | .035 | .034 | .034 | .030 | .031 | .030 | .027 | .029 | .029 | BF | .028 | .029 | .034 | .038 | .040 | .041 | .042 | .045 | .045 | .045 | .045 | 23 | .045 | |
| 26 | .046 | .047 | .048 | .049 | .050 | .051 | .048 | .047 | .047 | .045 | .045 | .045 | BF | .044 | .044 | .043 | .045 | .042 | .043 | .044 | .044 | .045 | .046 | .045 | 23 | .051 | |
| 27 | .046 | .047 | .044 | .045 | .047 | .047 | .041 | .038 | .039 | .041 | .041 | .040 | BF | .039 | .042 | .045 | .048 | .049 | .050 | .050 | .050 | .051 | .050 | .051 | 23 | .051 | |
| 28 | .050 | .046 | .037 | .038 | .042 | .041 | .041 | .041 | .042 | .045 | .046 | .046 | BF | .046 | .045 | .045 | .046 | .047 | .044 | .048 | .050 | .050 | .050 | .048 | 23 | .050 | |
| 29 | .048 | .050 | .047 | .044 | .041 | .038 | .038 | .040 | .042 | .044 | .043 | .041 | BF | .041 | .041 | .037 | .035 | .037 | .035 | .036 | .036 | .029 | .032 | .030 | 23 | .050 | |
| 30 | .030 | .026 | .023 | .022 | .021 | .019 | .019 | .015 | .014 | .013 | .015 | .015 | BF | .017 | .017 | .019 | .020 | .020 | .020 | .019 | .020 | .019 | .021 | .021 | 23 | .030 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .057 | .054 | .055 | .055 | .059 | .057 | .054 | .051 | .052 | .051 | .054 | .055 | | .062 | .059 | .057 | .055 | .058 | .062 | .064 | .063 | .060 | .060 | .061 | | | |
| AVG: | .0410 | .0399 | .0399 | .0396 | .0392 | .0388 | .0373 | .0359 | .0359 | .0364 | .0374 | .0383 | | .0398 | .0392 | .0389 | .0389 | .0381 | .0372 | .0384 | .0396 | .0395 | .0396 | .0399 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0386 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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 COUNTY: (087) Haywood
 CITY: (71500) Waynesville
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 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.587144
 LONGITUDE: -83.074156
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1550
 PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .020 | .022 | .023 | .026 | .027 | .027 | .026 | .027 | .028 | .032 | .036 | .037 | BF | .035 | .035 | .035 | .032 | .032 | .035 | .027 | .035 | .040 | .046 | .045 | 23 | .046 |
| 2 | .045 | .046 | .050 | .049 | .049 | .051 | .048 | .045 | .042 | .038 | .038 | .034 | BF | .036 | .036 | .037 | .035 | .034 | .031 | .026 | .033 | .038 | .038 | .035 | 23 | .051 |
| 3 | .038 | .035 | .037 | .037 | .035 | .037 | .038 | .038 | .033 | .031 | .032 | .035 | BF | .031 | .029 | .026 | .024 | .024 | .029 | .030 | .034 | .033 | .031 | .030 | 23 | .038 |
| 4 | .037 | .038 | .041 | .037 | .034 | .036 | .037 | .029 | .025 | .023 | .018 | .021 | BF | .028 | .029 | .029 | .029 | .030 | .030 | .031 | .032 | .031 | .029 | .031 | 23 | .041 |
| 5 | .032 | .032 | .031 | .033 | .033 | .031 | .026 | .023 | .021 | .021 | .020 | .018 | BF | .018 | .018 | .017 | .024 | .022 | .020 | .015 | .020 | .025 | .025 | .027 | 23 | .033 |
| 6 | .027 | .028 | .026 | .025 | .025 | .024 | .023 | .022 | .021 | .022 | .025 | .027 | BF | AI | AI | .023 | .022 | .023 | .024 | .025 | .026 | .028 | .031 | .033 | 21 | .033 |
| 7 | .033 | .035 | .035 | .034 | .038 | AV | AV | AV | AI | .030 | .033 | .032 | .026 | .029 | .027 | .032 | .034 | .037 | 14 | .038 |
| 8 | .038 | .040 | .042 | .043 | .046 | .049 | .046 | .041 | .040 | .043 | .048 | .046 | BF | .039 | .036 | .048 | .057 | .052 | .045 | .042 | .045 | .045 | .045 | .045 | 23 | .057 |
| 9 | .046 | .046 | .048 | .045 | .045 | .045 | .041 | .042 | .043 | .040 | .037 | .037 | BF | .040 | .038 | .038 | .040 | .038 | .039 | .045 | .052 | .052 | .053 | .048 | 23 | .053 |
| 10 | .046 | .042 | .044 | .040 | .038 | .036 | .036 | .034 | .038 | .040 | .044 | .042 | BF | .042 | .043 | .043 | .044 | .043 | .040 | .046 | .047 | .048 | .037 | .039 | 23 | .048 |
| 11 | .037 | .038 | .040 | .042 | .041 | .040 | .040 | .039 | .036 | .035 | .039 | .039 | BF | .046 | .044 | .043 | .050 | .051 | .051 | .052 | .052 | .044 | .033 | .033 | 23 | .052 |
| 12 | .036 | .040 | .039 | .037 | .034 | .035 | .037 | .039 | .037 | .037 | .040 | .044 | BF | .044 | .045 | .042 | .044 | .043 | .044 | .043 | .041 | .044 | .042 | .035 | 23 | .045 |
| 13 | .031 | .033 | .033 | .037 | .043 | .047 | .040 | .037 | .036 | .036 | .037 | .038 | BF | .034 | .035 | .031 | .031 | .031 | .028 | .027 | .026 | .019 | .018 | .023 | 23 | .047 |
| 14 | .027 | .030 | .033 | .037 | .035 | .033 | .030 | .030 | .030 | .031 | .034 | .034 | BF | .035 | .034 | .035 | .032 | .025 | .033 | .033 | .033 | .030 | .030 | .033 | 23 | .037 |
| 15 | .034 | .035 | .034 | .035 | .037 | .041 | .041 | .036 | .034 | .034 | .033 | .033 | BF | .034 | .036 | .033 | .027 | .038 | .033 | .036 | .042 | .043 | .043 | .043 | 23 | .043 |
| 16 | .042 | .041 | .043 | .043 | .041 | .037 | .038 | .037 | .031 | .029 | .029 | .036 | BF | .040 | .041 | .044 | .044 | .046 | .049 | .049 | .049 | .050 | .048 | .049 | 23 | .050 |
| 17 | .041 | .042 | .038 | .046 | .047 | .049 | .045 | .044 | .044 | .039 | .040 | .042 | BF | .043 | .044 | .043 | .043 | .045 | .041 | .050 | .049 | .046 | .039 | .043 | 23 | .050 |
| 18 | .044 | .046 | .048 | .048 | .049 | .049 | .045 | .043 | .037 | .034 | .037 | .042 | BF | .047 | .047 | .045 | .047 | .048 | .048 | .046 | .053 | .051 | .050 | .051 | 23 | .053 |
| 19 | .053 | .053 | .047 | .051 | .052 | .050 | .048 | .046 | .045 | .042 | .043 | .044 | BF | .044 | .047 | .050 | .050 | .057 | .067 | .078 | .079 | .070 | .064 | .058 | 23 | .079 |
| 20 | .053 | .053 | .053 | .055 | .055 | .055 | .049 | .049 | .053 | .047 | .047 | .046 | BF | .044 | .045 | .046 | .049 | .055 | .054 | .058 | .060 | .059 | .058 | .058 | 23 | .060 |
| 21 | .056 | .054 | .055 | .055 | .054 | .053 | .050 | .046 | .047 | .046 | .046 | .049 | BF | .047 | .045 | .044 | .043 | .043 | .043 | .041 | .043 | .036 | .037 | .036 | 23 | .056 |
| 22 | .037 | .041 | .043 | .044 | .046 | .045 | .044 | .039 | .035 | .032 | .036 | .037 | BF | .041 | .037 | .037 | .033 | .031 | .025 | .038 | .040 | .038 | .036 | .038 | 23 | .046 |
| 23 | .039 | .040 | .041 | .040 | .042 | .045 | .044 | .039 | .040 | .037 | .035 | .035 | BF | .034 | .034 | .037 | .036 | .028 | .027 | .029 | .032 | .034 | .032 | .041 | 23 | .045 |
| 24 | .048 | .043 | .043 | .046 | .046 | .047 | .046 | .045 | .048 | .044 | .042 | .043 | BF | .047 | .048 | .047 | .044 | .044 | .045 | .038 | .042 | .045 | .051 | .049 | 23 | .051 |
| 25 | .059 | .057 | .060 | .053 | .053 | .052 | .049 | .043 | .044 | .042 | .042 | .045 | BF | .051 | .052 | .051 | .052 | .055 | .058 | .054 | .054 | .055 | .055 | .051 | 23 | .060 |
| 26 | .052 | .053 | .054 | .051 | .052 | .051 | .051 | .045 | .042 | .049 | .047 | .052 | BF | .050 | .050 | .050 | .052 | .054 | .058 | P.126 | .050 | .050 | .044 | .046 | 23 | .126 |
| 27 | .046 | .041 | .042 | .043 | .043 | .043 | .039 | .041 | .042 | .042 | .045 | .043 | BF | AI | AI | .034 | .035 | .034 | .033 | .042 | .046 | .043 | .044 | .041 | 21 | .046 |
| 28 | .038 | .036 | .033 | .031 | .030 | .028 | .026 | .023 | .024 | .023 | .025 | .023 | BF | .028 | .027 | .024 | .026 | .028 | .030 | .030 | .032 | .034 | .033 | .033 | 23 | .038 |
| 29 | .032 | .037 | .039 | .041 | .044 | .044 | .044 | .045 | .045 | .043 | .044 | .044 | BF | .044 | .043 | .043 | .043 | .045 | .047 | .046 | .045 | .042 | .041 | .040 | 23 | .047 |
| 30 | .041 | .042 | .040 | .033 | .036 | .040 | .041 | .040 | .036 | .037 | .042 | .046 | BF | .040 | .040 | .040 | .040 | .040 | .045 | .048 | .047 | .046 | .045 | .044 | 23 | .048 |
| 31 | .041 | .041 | .042 | .041 | .041 | .040 | .040 | .039 | .038 | .036 | .037 | .046 | BF | .053 | .049 | .042 | .040 | .042 | .043 | .042 | .042 | .043 | .037 | .037 | 23 | .053 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | 28 | 28 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .059 | .057 | .060 | .055 | .055 | .055 | .051 | .049 | .053 | .049 | .048 | .052 | | .053 | .052 | .051 | .057 | .057 | .067 | .126 | .079 | .070 | .064 | .058 | | |
| AVG: | .0403 | .0406 | .0412 | .0412 | .0416 | .0420 | .0403 | .0382 | .0372 | .0362 | .0373 | .0386 | | .0398 | .0395 | .0383 | .0387 | .0391 | .0394 | .0426 | .0422 | .0420 | .0406 | .0404 | | |

1 Values marked with 'P' exceed the PRIMARY STANDARD of: .125
 1 Values marked with 'S' exceed the SECONDARY STANDARD of: .125

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

1 Daily maxima above primary standard
 1 Daily maxima above secondary standard

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0036 POC: 1
 COUNTY: (087) Haywood
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 UTM EASTING:
 ELEVATION-MSL: 1550
 PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SFM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .038 | .038 | .036 | .037 | .037 | .039 | .039 | .039 | .037 | .035 | .038 | .040 | BF | .036 | .035 | .035 | .033 | .036 | .034 | .043 | .043 | .039 | .039 | .041 | 23 | .043 |
| 2 | .042 | .052 | .061 | .057 | .054 | .057 | .054 | .048 | .047 | .046 | .037 | .041 | BF | .048 | .051 | .047 | .049 | .042 | .041 | .042 | .046 | .045 | .048 | .046 | 23 | .061 |
| 3 | .047 | .046 | .050 | .048 | .049 | .050 | .044 | .042 | .043 | .038 | .042 | .044 | BF | .051 | .054 | .045 | .040 | .036 | .033 | .034 | .039 | .042 | .042 | .051 | 23 | .054 |
| 4 | .050 | .047 | .046 | .048 | .050 | .050 | .048 | .043 | .040 | .040 | .039 | .039 | BF | .039 | .039 | .038 | .038 | .034 | .034 | .044 | .044 | .039 | .040 | .040 | 23 | .050 |
| 5 | .031 | .034 | .031 | .033 | .036 | .035 | .032 | .026 | .026 | .026 | .026 | .032 | BF | .034 | .033 | .034 | .034 | .037 | .038 | .043 | .047 | .046 | .046 | .046 | 23 | .047 |
| 6 | .043 | .040 | .040 | .044 | .041 | .049 | .047 | .045 | .044 | .045 | .044 | .044 | BF | .044 | .044 | .045 | .038 | .035 | .035 | .034 | .038 | .042 | .039 | .032 | 23 | .049 |
| 7 | .029 | .025 | .020 | .018 | .017 | .018 | .017 | .018 | .020 | .025 | .021 | .021 | BF | .026 | .030 | .029 | .028 | .031 | .029 | .030 | .032 | .034 | .032 | .035 | 23 | .035 |
| 8 | .035 | .029 | .031 | .031 | .027 | .031 | .033 | .027 | .027 | .031 | .034 | .036 | BF | .039 | .041 | .042 | .045 | .045 | .045 | .048 | .049 | .049 | .047 | .044 | 23 | .049 |
| 9 | .041 | .038 | .037 | .037 | .039 | .043 | .045 | .043 | .045 | .046 | .048 | .047 | BF | .047 | .047 | .046 | .042 | .039 | .036 | .036 | .038 | .039 | .038 | .040 | 23 | .048 |
| 10 | .040 | .041 | .036 | .034 | .031 | .037 | .033 | .032 | .028 | .025 | .029 | .026 | BF | .025 | .025 | .023 | .026 | .024 | .024 | .021 | .022 | .022 | .021 | .021 | 23 | .041 |
| 11 | .022 | .020 | .024 | .023 | .026 | .025 | .024 | .018 | .019 | .025 | .025 | .026 | BF | .029 | .023 | .030 | .026 | .026 | .029 | .020 | .020 | .029 | .032 | .029 | 23 | .032 |
| 12 | .030 | .026 | .026 | .027 | .028 | .029 | .027 | .026 | .025 | .022 | .023 | .025 | BF | .023 | .022 | .024 | .024 | .029 | .029 | .033 | .036 | .037 | .039 | .039 | 23 | .039 |
| 13 | .036 | .038 | .038 | .038 | .040 | .039 | .038 | .038 | .033 | .033 | .032 | .032 | BF | .029 | .032 | .031 | .031 | .034 | .034 | .038 | .045 | .040 | .031 | .028 | 23 | .045 |
| 14 | .021 | .016 | .022 | .017 | .022 | .023 | .026 | .027 | .034 | .038 | .031 | .034 | BF | .037 | .037 | .037 | .036 | .034 | .029 | .032 | .030 | .024 | .026 | .028 | 23 | .038 |
| 15 | .030 | .032 | .033 | .032 | .031 | .030 | .030 | .028 | .026 | .028 | .026 | .029 | BF | .030 | .031 | .033 | .033 | .035 | .034 | .035 | .036 | .036 | .037 | .037 | 23 | .037 |
| 16 | .038 | .037 | .036 | .036 | .035 | .035 | .036 | .034 | .028 | .025 | .029 | .033 | BF | .029 | .028 | .025 | .030 | .026 | .018 | .015 | .021 | .023 | .023 | .022 | 23 | .038 |
| 17 | .027 | .028 | .024 | .026 | .023 | .021 | .027 | .027 | .027 | .026 | .029 | .026 | BF | BA | .026 | .025 | .022 | .019 | .018 | .021 | .018 | .020 | .019 | .023 | 22 | .029 |
| 18 | .024 | .023 | .023 | .024 | .022 | .022 | .020 | .020 | .020 | .022 | .026 | .025 | BF | .032 | .034 | .034 | .040 | .040 | .038 | .043 | .045 | .045 | .047 | .047 | 23 | .047 |
| 19 | .044 | .044 | .044 | .047 | .043 | .048 | .046 | .048 | .044 | .043 | .043 | .043 | BF | .045 | .046 | .047 | .048 | .049 | .049 | .049 | .051 | .047 | .045 | .044 | 23 | .051 |
| 20 | .045 | .042 | .045 | .044 | .045 | .046 | .051 | .047 | .050 | .043 | .039 | .041 | BF | .041 | .044 | .046 | .046 | .039 | .038 | .039 | .042 | .041 | .042 | .047 | 23 | .051 |
| 21 | .052 | .054 | .056 | .057 | .059 | .060 | .058 | .053 | .049 | .049 | .048 | .050 | BF | .051 | .056 | .052 | .047 | .042 | .044 | .042 | .041 | .047 | .047 | .046 | 23 | .060 |
| 22 | .040 | .037 | .040 | .041 | .043 | .041 | .041 | .039 | .041 | .042 | .038 | .043 | BF | .048 | .047 | .043 | .042 | .042 | .041 | .041 | .044 | .045 | .047 | .046 | 23 | .048 |
| 23 | .046 | .046 | .045 | .043 | .041 | .039 | .039 | .034 | .032 | .031 | .033 | .034 | BF | .037 | .040 | .040 | .039 | .043 | .044 | .044 | .042 | .039 | .037 | .035 | 23 | .046 |
| 24 | .034 | .033 | .033 | .034 | .035 | .038 | .037 | .037 | .039 | .036 | .036 | .036 | BF | .039 | .043 | .047 | .050 | .053 | .055 | .053 | .052 | .052 | .053 | .053 | 23 | .055 |
| 25 | .054 | .054 | .054 | .053 | .050 | .048 | .046 | .044 | .041 | .037 | .043 | .046 | BF | .052 | .045 | .040 | .041 | .044 | .047 | .051 | .052 | .048 | .040 | .033 | 23 | .054 |
| 26 | .035 | .038 | .037 | .034 | .038 | .035 | .036 | .036 | .034 | .039 | .041 | .044 | BF | .046 | .046 | .046 | .045 | .046 | .051 | .055 | .045 | .039 | .036 | .037 | 23 | .055 |
| 27 | .035 | .038 | .041 | .036 | .037 | .037 | .037 | .036 | .037 | .039 | .042 | .044 | BF | .046 | .047 | .047 | .043 | .042 | .040 | .042 | .044 | .044 | .044 | .045 | 23 | .047 |
| 28 | .046 | .045 | .044 | .042 | .041 | .041 | .043 | .045 | .047 | .047 | .049 | .051 | BF | .049 | .045 | .044 | .045 | .043 | .039 | .040 | .039 | .039 | .040 | .042 | 23 | .051 |
| 29 | .045 | .045 | .043 | .040 | .036 | .030 | .031 | .035 | .034 | .037 | .037 | .043 | BF | .043 | .042 | .047 | .048 | .046 | .047 | .049 | .050 | .049 | .048 | .047 | 23 | .050 |
| 30 | .047 | .039 | .034 | .035 | .035 | .035 | .035 | .036 | .038 | .038 | .035 | .040 | BF | .038 | .038 | .035 | .029 | .033 | .030 | .029 | .024 | .022 | .025 | .024 | 23 | .047 |
| 31 | .023 | .028 | .030 | .030 | .028 | .023 | .017 | .017 | .017 | .020 | .019 | .017 | BF | .029 | .029 | .024 | .020 | .021 | .018 | .022 | .023 | .026 | .029 | .028 | 23 | .030 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .054 | .054 | .061 | .057 | .059 | .060 | .058 | .053 | .050 | .049 | .049 | .051 | | .052 | .056 | .052 | .050 | .053 | .055 | .055 | .052 | .052 | .053 | .053 | | |
| AVG: | .0377 | .0372 | .0374 | .0370 | .0367 | .0372 | .0367 | .0351 | .0346 | .0347 | .0349 | .0365 | | .0387 | .0387 | .0381 | .0374 | .0369 | .0362 | .0377 | .0386 | .0384 | .0380 | .0379 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0371 MONTHLY MAX: .061

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0036 POC: 1
 COUNTY: (087) Haywood
 CITY: (71500) Waynesville
 SITE ADDRESS: 6905 Purchase Knob Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.587144
 LONGITUDE: -83.074156
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1550
 PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SPM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .026 | .025 | .023 | .021 | .020 | .026 | .033 | .037 | .034 | .032 | .030 | .026 | BF | .031 | .032 | .033 | .034 | .033 | .033 | .033 | .031 | .034 | .036 | .032 | 23 | .037 |
| 2 | .030 | .029 | .028 | .027 | .032 | .034 | .031 | .030 | .031 | .034 | .035 | .036 | BF | .033 | .033 | .036 | .035 | .034 | .034 | .037 | .041 | .038 | .038 | .038 | 23 | .041 |
| 3 | .038 | .040 | .043 | .045 | .047 | .047 | .046 | .045 | .044 | .030 | .031 | .033 | BF | .037 | .038 | .037 | .036 | .034 | .028 | .035 | .034 | .040 | .047 | .051 | 23 | .051 |
| 4 | .052 | .053 | .053 | .051 | .052 | .053 | .052 | .044 | .039 | .036 | .037 | .036 | BF | .041 | .043 | .040 | .041 | .035 | .028 | .026 | .029 | .029 | .033 | .036 | 23 | .053 |
| 5 | .042 | .044 | .045 | .044 | .046 | .045 | .045 | .046 | .043 | .041 | .040 | .039 | BF | .041 | .040 | .038 | .045 | .047 | .049 | .052 | .048 | .042 | .042 | .045 | 23 | .052 |
| 6 | .043 | .044 | .043 | .029 | .029 | .031 | .031 | .033 | .032 | .033 | .031 | .035 | BF | .036 | .036 | .036 | .034 | .038 | .038 | .038 | .034 | .033 | .034 | .036 | 23 | .044 |
| 7 | .037 | .037 | .036 | .036 | .036 | .035 | .035 | .034 | .032 | .029 | .031 | .033 | BF | .034 | .034 | .033 | .034 | .034 | .035 | .036 | .036 | .036 | .041 | .043 | 23 | .043 |
| 8 | .045 | .045 | .047 | .047 | .047 | .046 | .043 | .038 | .035 | .033 | .035 | .036 | BF | AO | 12 | .047 |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 10 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 11 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 12 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 13 | AO | BA | BA | BC | BC | BC | BC | .039 | .038 | .037 | .034 | .033 | .034 | .036 | .036 | 8 | .039 |
| 14 | .040 | .042 | .041 | .042 | .039 | .040 | .041 | .039 | .037 | .035 | .035 | .031 | BF | .027 | .027 | .026 | .025 | .020 | .020 | .021 | .023 | .025 | .028 | .034 | 23 | .042 |
| 15 | .036 | .037 | .037 | .037 | .038 | .039 | .038 | .036 | .033 | .030 | .029 | .027 | BF | .031 | .033 | .034 | .032 | .029 | .031 | .033 | .034 | .034 | .035 | .037 | 23 | .039 |
| 16 | .037 | .034 | .035 | .037 | .038 | .038 | .037 | .037 | .038 | .036 | .030 | .034 | BF | .039 | .037 | .039 | .039 | .041 | .043 | .045 | .045 | .047 | .048 | .046 | 23 | .048 |
| 17 | .043 | .043 | .039 | .034 | .033 | .035 | .036 | .036 | .039 | .039 | .040 | .043 | BF | .042 | .042 | .040 | .042 | .044 | .044 | .047 | .049 | .051 | .050 | .048 | 23 | .051 |
| 18 | .047 | .045 | .041 | .041 | .042 | .042 | .041 | .039 | .040 | .038 | .037 | .038 | BF | .043 | .045 | .048 | .049 | .049 | .051 | .051 | .051 | .049 | .046 | .045 | 23 | .051 |
| 19 | .047 | .046 | .047 | .047 | .045 | .043 | .040 | .042 | .041 | .041 | .040 | .038 | BF | .041 | .042 | .041 | .042 | .039 | .033 | .038 | .040 | .044 | .045 | .048 | 23 | .048 |
| 20 | .048 | .049 | .048 | .042 | .039 | .040 | .041 | .041 | .041 | .037 | .036 | .039 | BF | .043 | .041 | .039 | .042 | .043 | .045 | .049 | .051 | .053 | .054 | .054 | 23 | .054 |
| 21 | .052 | .051 | .050 | .049 | .046 | .044 | .042 | .041 | .043 | .044 | .043 | .046 | BF | .049 | .048 | .047 | .049 | .051 | .052 | .054 | .057 | .056 | .054 | .044 | 23 | .057 |
| 22 | .043 | .043 | .044 | .043 | .045 | .048 | .050 | .048 | .047 | .049 | .041 | .052 | BF | .053 | .054 | .049 | .045 | .046 | .049 | .052 | .049 | .049 | .051 | .052 | 23 | .054 |
| 23 | .052 | .052 | .053 | .053 | .053 | .052 | .051 | .050 | .051 | .052 | .046 | .049 | BF | .047 | .045 | .044 | .046 | .048 | .051 | .051 | .050 | .045 | .042 | .048 | 23 | .053 |
| 24 | .050 | .049 | .047 | .047 | .048 | .048 | .049 | .050 | .052 | .055 | .053 | .051 | BF | .055 | .054 | .049 | .049 | .046 | .044 | .041 | .033 | .033 | .035 | .039 | 23 | .055 |
| 25 | .043 | .046 | .049 | .050 | .050 | .049 | .048 | .049 | .050 | .051 | .052 | .051 | BF | .048 | .049 | .047 | .045 | .043 | .045 | .050 | .053 | .053 | .052 | .044 | 23 | .053 |
| 26 | .043 | .046 | .047 | .047 | .046 | .046 | .045 | .042 | .044 | .043 | .043 | .042 | BF | .047 | .048 | .050 | .051 | .051 | .053 | .058 | .062 | .062 | .062 | .062 | 23 | .062 |
| 27 | .056 | .054 | .052 | .049 | .046 | .047 | .046 | .044 | .048 | .050 | .050 | .050 | BF | .047 | .048 | .053 | .055 | .055 | .054 | .052 | .051 | .051 | .052 | .054 | 23 | .056 |
| 28 | .054 | .053 | .056 | .057 | .058 | .060 | .058 | .060 | .061 | AZ | .056 | .053 | BF | .056 | .056 | .056 | .054 | .058 | .056 | .051 | .042 | .041 | .041 | .040 | 22 | .061 |
| 29 | .039 | .044 | .045 | .045 | .042 | .040 | .041 | .037 | .031 | .030 | .028 | .030 | BF | .040 | .042 | .047 | .048 | .051 | .051 | .051 | .049 | .046 | .046 | .048 | 23 | .051 |
| 30 | .049 | .047 | .046 | .045 | .045 | .046 | .048 | .048 | .047 | .045 | .045 | .045 | BF | .044 | .044 | .047 | .048 | .048 | .048 | .050 | .048 | .046 | .042 | .042 | 23 | .050 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 25 | 25 | | 24 | 24 | 24 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | | |
| MAX: | .056 | .054 | .056 | .057 | .058 | .060 | .058 | .060 | .061 | .055 | .056 | .053 | | .056 | .056 | .056 | .055 | .058 | .056 | .058 | .062 | .062 | .062 | .062 | | |
| AVG: | .0437 | .0439 | .0438 | .0426 | .0425 | .0430 | .0427 | .0418 | .0413 | .0393 | .0390 | .0397 | | .0419 | .0421 | .0420 | .0424 | .0422 | .0421 | .0434 | .0429 | .0428 | .0436 | .0441 | | |

MONTHLY OBSERVATIONS: 571 MONTHLY MEAN: .0423 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0036 POC: 1
 COUNTY: (087) Haywood
 CITY: (71500) Waynesville
 SITE ADDRESS: 6905 Purchase Knob Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.587144
 LONGITUDE: -83.074156
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1550
 PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency

MONITOR TYPE: SFM

COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET

PQAO: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR

UNITS: Parts per million

MIN DETECTABLE: .005

| 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 | .042 | .042 | .041 | .037 | .035 | .032 | .031 | .033 | .034 | .036 | .036 | .037 | BF | .048 | .044 | .041 | .038 | .034 | .033 | .035 | .034 | .035 | .037 | .039 | 23 | .048 |
| 2 | .039 | .039 | .037 | .036 | .037 | .046 | .050 | .044 | .035 | .033 | .036 | .036 | BF | .043 | .048 | .055 | .052 | .045 | .039 | .038 | .039 | .040 | .039 | .035 | 23 | .055 |
| 3 | .037 | .040 | .040 | .043 | .043 | .043 | .042 | .042 | .041 | .042 | .041 | .045 | BF | .051 | .053 | .051 | .051 | .050 | .045 | .046 | .046 | .045 | .048 | .049 | 23 | .053 |
| 4 | .049 | .048 | .044 | .044 | .044 | .046 | .048 | .049 | .052 | .050 | .040 | .039 | BF | .048 | .048 | .052 | .052 | .050 | .050 | .048 | .049 | .046 | .045 | .044 | 23 | .052 |
| 5 | .043 | .039 | .037 | .037 | .036 | .038 | .042 | .047 | .048 | .049 | .048 | .044 | BF | .052 | .059 | .063 | .061 | .060 | .060 | .058 | .058 | .056 | .057 | .063 | 23 | .063 |
| 6 | .064 | .064 | .059 | .061 | .060 | .057 | .056 | .055 | .057 | .053 | .052 | .052 | BF | .055 | .057 | .059 | .053 | .043 | .037 | .034 | .039 | .042 | .036 | .035 | 23 | .064 |
| 7 | .034 | .034 | .031 | .031 | .029 | .029 | .030 | .026 | .025 | .026 | .027 | .027 | BF | .023 | .024 | .024 | .023 | .021 | .018 | .019 | .021 | .023 | .025 | .024 | 23 | .034 |
| 8 | .022 | .020 | .019 | .019 | .019 | .019 | .018 | .018 | .018 | .015 | .015 | .016 | BF | .018 | .018 | .019 | .022 | .031 | .030 | .028 | .026 | .023 | .021 | .020 | 23 | .031 |
| 9 | .019 | .018 | .018 | .018 | .019 | .020 | .021 | .021 | .021 | .022 | .022 | .021 | BF | .022 | .023 | .021 | .018 | .017 | .018 | .017 | .013 | .012 | .011 | .011 | 23 | .023 |
| 10 | .013 | .014 | .019 | .015 | .011 | .013 | .013 | .014 | .017 | .017 | .020 | .020 | BF | .019 | .022 | .020 | .018 | .015 | .015 | .016 | .020 | .017 | .019 | .023 | 23 | .023 |
| 11 | .024 | .022 | .023 | .023 | .023 | .025 | .025 | .023 | .024 | .025 | .027 | .030 | BF | .028 | .028 | .030 | .031 | .030 | .035 | .036 | .037 | .038 | .038 | .041 | 23 | .041 |
| 12 | .039 | .036 | .031 | .028 | .035 | .033 | .037 | .044 | .051 | .054 | .041 | .033 | BF | .046 | .046 | .042 | .043 | .038 | .039 | .042 | .038 | .034 | .035 | .035 | 23 | .054 |
| 13 | .035 | .033 | .030 | .026 | .030 | .025 | .024 | .029 | .033 | .034 | .037 | .038 | BF | BA | BA | .039 | .040 | .039 | .032 | .030 | .033 | .034 | .035 | .035 | 21 | .040 |
| 14 | .034 | .036 | .039 | .042 | .044 | .044 | .043 | .041 | .039 | .037 | .035 | .035 | BF | .040 | .040 | .040 | .039 | .036 | .039 | .041 | .037 | .027 | .025 | .028 | 23 | .044 |
| 15 | .030 | .035 | .036 | .036 | .034 | .033 | .033 | .032 | .031 | .030 | .029 | .029 | BF | .028 | .028 | .028 | .028 | .029 | .027 | .028 | .028 | .028 | .024 | .026 | 23 | .036 |
| 16 | .024 | .027 | .026 | .031 | .028 | .021 | .018 | .018 | .019 | .020 | .021 | .023 | BF | .027 | .032 | .034 | .034 | .034 | .035 | .035 | .034 | .035 | .036 | .036 | 23 | .036 |
| 17 | .037 | .038 | .042 | .042 | .042 | .044 | .046 | .048 | .048 | .047 | .045 | .033 | BF | .038 | .038 | .040 | .041 | .038 | .040 | .039 | .038 | .036 | .043 | .048 | 23 | .048 |
| 18 | .049 | .051 | .053 | .052 | .053 | .052 | .051 | .050 | .048 | .045 | .038 | .037 | BF | .042 | .042 | .043 | .042 | .040 | .042 | .040 | .043 | .045 | .044 | .048 | 23 | .053 |
| 19 | .049 | .050 | .050 | .051 | .051 | .052 | .051 | .051 | .050 | .051 | .046 | .043 | BF | .046 | .049 | .049 | .048 | .048 | .049 | .048 | .047 | .047 | .047 | .047 | 23 | .052 |
| 20 | .050 | .052 | .052 | .052 | .053 | .053 | .054 | .053 | .051 | .049 | .050 | .046 | BF | .048 | .049 | .050 | .049 | .047 | .047 | .046 | .043 | .044 | .047 | .045 | 23 | .054 |
| 21 | .046 | .049 | .048 | .049 | .049 | .048 | .049 | .049 | .046 | .048 | .048 | .045 | BF | .053 | .056 | .055 | .049 | .047 | .049 | .049 | .048 | .048 | .047 | .050 | 23 | .056 |
| 22 | .051 | .051 | .054 | .054 | .053 | .050 | .048 | .045 | .042 | .043 | .043 | .043 | BF | .042 | .041 | .041 | .040 | .039 | .039 | .040 | .038 | .037 | .035 | .034 | 23 | .054 |
| 23 | .035 | .034 | .032 | .030 | .030 | .029 | .027 | .026 | .028 | .032 | .031 | .033 | BF | .039 | .043 | .041 | .042 | .041 | .043 | .042 | .040 | .038 | .035 | .037 | 23 | .043 |
| 24 | .042 | .041 | .043 | .045 | .044 | .040 | .041 | .041 | .038 | .037 | .037 | .037 | BF | .041 | .042 | .041 | .041 | .039 | .039 | .041 | .041 | .041 | .041 | .039 | 23 | .045 |
| 25 | .038 | .037 | .036 | .035 | .033 | .036 | .037 | .034 | .033 | .034 | .032 | .033 | BF | .035 | .034 | .034 | .033 | .037 | .038 | .039 | .039 | .041 | .041 | .040 | 23 | .041 |
| 26 | .039 | .039 | .038 | .040 | .040 | .040 | .039 | .040 | .041 | .041 | .041 | .042 | BF | .042 | .042 | .042 | .041 | .039 | .041 | .043 | .043 | .043 | .043 | .042 | 23 | .043 |
| 27 | .043 | .044 | .045 | .047 | .047 | .046 | .045 | .043 | .046 | .045 | .046 | .045 | BF | .044 | .044 | .045 | .044 | .044 | .047 | .048 | .049 | .047 | .045 | .048 | 23 | .049 |
| 28 | .047 | .046 | .046 | .045 | .044 | .044 | .039 | .040 | .040 | .040 | .040 | .040 | BF | .039 | .038 | .041 | .039 | .039 | .039 | .029 | .020 | .019 | .016 | .017 | 23 | .047 |
| 29 | .017 | .017 | .013 | .013 | .015 | .016 | .018 | .018 | .017 | .017 | .017 | .018 | BF | .023 | .024 | .024 | .026 | .026 | .026 | .025 | .025 | .026 | .027 | .026 | 23 | .027 |
| 30 | .027 | .029 | .035 | .037 | .041 | .041 | .041 | .040 | .040 | .039 | .040 | .040 | BF | .036 | .036 | .036 | .038 | .038 | .039 | .041 | .041 | .043 | .044 | .045 | 23 | .045 |
| 31 | .045 | .046 | .046 | .047 | .047 | .046 | .046 | .045 | .047 | .048 | .048 | .045 | BF | .047 | .046 | .046 | .047 | .043 | .042 | .042 | .044 | .047 | .045 | .046 | 23 | .048 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .064 | .064 | .059 | .061 | .060 | .057 | .056 | .055 | .057 | .054 | .052 | .052 | | .055 | .059 | .063 | .061 | .060 | .060 | .058 | .058 | .056 | .057 | .063 | | |
| AVG: | .0375 | .0378 | .0375 | .0376 | .0377 | .0375 | .0375 | .0375 | .0373 | .0374 | .0364 | .0356 | | .0388 | .0398 | .0402 | .0395 | .0380 | .0378 | .0375 | .0371 | .0367 | .0365 | .0373 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0377 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-087-0036 POC: 1
 COUNTY: (087) Haywood
 CITY: (71500) Waynesville
 SITE ADDRESS: 6905 Purchase Knob Road
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: FOREST
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.587144
 LONGITUDE: -83.074156
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 1550
 PROBE HEIGHT: 4.5

SUPPORT AGENCY: (0779) North Carolina Western Regional Air Pollution Control Agency
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .045 | .046 | .047 | .046 | .045 | .046 | .045 | .045 | .047 | .046 | .047 | .047 | BF | | | | | | | | | | | | 12 | .047 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| MAX: | .045 | .046 | .047 | .046 | .045 | .046 | .045 | .045 | .047 | .046 | .047 | .047 | | | | | | | | | | | | | | | | |
| AVG: | .0450 | .0460 | .0470 | .0460 | .0450 | .0460 | .0450 | .0450 | .0470 | .0460 | .0470 | .0470 | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 12 MONTHLY MEAN: .0460 MONTHLY MAX: .047

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-101-0002 POC: 1
 COUNTY: (101) Johnston
 CITY: (00000) Not in a city
 SITE ADDRESS: 1338 JACK ROAD
 SITE COMMENTS: Upwind site for Raleigh
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.590833
 LONGITUDE: -78.461944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 127
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .025 | .024 | .022 | BF | .019 | .019 | .019 | .019 | .020 | .024 | .027 | .026 | .026 | .028 | .030 | .031 | .031 | .032 | .030 | .029 | .033 | .028 | .027 | .030 | 23 | .033 |
| 2 | .028 | .027 | .027 | BF | .043 | .044 | .039 | .038 | .039 | .041 | .042 | .043 | .044 | .046 | .047 | .047 | .047 | .046 | .043 | .034 | .028 | .023 | .026 | .035 | 23 | .047 |
| 3 | .033 | .031 | .030 | BF | .020 | .017 | .014 | .017 | .026 | .037 | .043 | .044 | .045 | .047 | .048 | .047 | .048 | .046 | .043 | .041 | .038 | .034 | .036 | .036 | 23 | .048 |
| 4 | .035 | .029 | .025 | BF | .019 | .015 | .015 | .017 | .033 | .038 | .041 | .040 | .042 | .044 | .045 | .047 | .048 | .046 | .037 | .029 | .028 | .021 | .016 | .013 | 23 | .048 |
| 5 | .013 | .012 | .009 | BF | .035 | .036 | .036 | .036 | .039 | .040 | .041 | .042 | .044 | .046 | .047 | .049 | .049 | .048 | .043 | .044 | .039 | .039 | .035 | .029 | 23 | .049 |
| 6 | .027 | .025 | .019 | BF | .018 | .017 | .018 | .016 | .031 | .034 | .038 | .042 | .047 | .051 | .052 | .052 | .052 | .050 | .040 | .039 | .040 | .038 | .036 | .036 | 23 | .052 |
| 7 | .037 | .032 | .030 | BF | .027 | .014 | .016 | .023 | .032 | .044 | .049 | .049 | .050 | .049 | .048 | .049 | .048 | .047 | .044 | .041 | .041 | .040 | .038 | .036 | 23 | .050 |
| 8 | .035 | .036 | .035 | BF | .033 | .032 | .031 | .032 | .035 | .036 | .039 | .044 | .049 | .053 | .055 | .056 | .055 | .052 | .043 | .031 | .038 | .035 | .035 | .033 | 23 | .056 |
| 9 | .033 | .023 | .021 | BF | .024 | .023 | .014 | .011 | .033 | .040 | .045 | .051 | .054 | .054 | .054 | .056 | .057 | .055 | .051 | .044 | .045 | .048 | .050 | .051 | 23 | .057 |
| 10 | .050 | .047 | .044 | BF | .040 | .040 | .039 | .039 | .037 | .036 | .042 | .046 | .049 | .047 | .050 | .050 | .050 | .048 | .046 | .045 | .044 | .043 | .040 | .032 | 23 | .050 |
| 11 | .031 | .029 | .030 | BF | .032 | .027 | .022 | .032 | .039 | .041 | .043 | .044 | .046 | .048 | .047 | .047 | .046 | .043 | .036 | .034 | .028 | .023 | .018 | 23 | .048 | |
| 12 | .022 | .031 | .037 | BF | .039 | .038 | .038 | .038 | .037 | .037 | .037 | .037 | .039 | .041 | .043 | .044 | .046 | .046 | .038 | .031 | .029 | .029 | .026 | .023 | 23 | .046 |
| 13 | .019 | .013 | .017 | BF | .028 | .030 | .031 | .034 | .035 | .035 | .036 | .037 | .037 | .037 | .035 | .035 | .033 | .036 | .035 | .036 | .036 | .035 | .035 | .032 | 23 | .037 |
| 14 | .033 | .033 | .033 | BF | .037 | .036 | .036 | .036 | .033 | .030 | .033 | .036 | .039 | .040 | .041 | .039 | .039 | .040 | .040 | .040 | .039 | .039 | .041 | .041 | 23 | .041 |
| 15 | .042 | .041 | .041 | BF | .041 | .040 | .040 | .040 | .042 | .044 | .045 | .045 | .046 | .046 | .047 | .047 | .046 | .046 | .045 | .043 | .041 | .040 | .039 | .039 | 23 | .047 |
| 16 | .039 | .037 | .035 | BF | .034 | .027 | .025 | .030 | .035 | .041 | .041 | .042 | .044 | .045 | .046 | .048 | .049 | .048 | .047 | .044 | .039 | .034 | .029 | .026 | 23 | .049 |
| 17 | .018 | .018 | .013 | BF | .013 | .010 | .010 | .012 | .031 | .045 | .046 | .049 | .053 | .053 | .056 | .056 | .056 | .055 | .050 | .048 | .046 | .052 | .053 | .052 | 23 | .056 |
| 18 | .049 | .045 | .044 | BF | .041 | .036 | .038 | .038 | .034 | .035 | .034 | .035 | .036 | .037 | .041 | .044 | .045 | .041 | .038 | .036 | .024 | .023 | .029 | .032 | 23 | .049 |
| 19 | .034 | .033 | .032 | BF | .028 | .025 | .023 | .023 | .027 | .032 | .034 | .033 | .034 | .036 | .038 | .039 | .040 | .039 | .038 | .031 | .023 | .017 | .013 | .012 | 23 | .040 |
| 20 | .008 | .008 | .008 | BF | .003 | .001 | .001 | .010 | .026 | .036 | .039 | .042 | .046 | .048 | .049 | .049 | .049 | .045 | .037 | .029 | .024 | .022 | .018 | .027 | 23 | .049 |
| 21 | .030 | .032 | .033 | BF | .027 | .026 | .023 | .027 | .034 | .039 | .046 | .051 | .053 | .057 | .061 | .062 | .061 | .059 | .058 | .052 | .047 | .042 | .039 | .037 | 23 | .062 |
| 22 | .032 | .028 | .022 | BF | .027 | .030 | .028 | BA | .036 | .041 | .043 | .044 | .047 | .048 | .051 | .051 | .053 | .052 | .050 | .047 | .047 | .046 | .044 | .042 | 22 | .053 |
| 23 | .040 | .039 | .035 | BF | .034 | .032 | .029 | .035 | .041 | .044 | .045 | .047 | .049 | .050 | .051 | .052 | .053 | .052 | .048 | .041 | .044 | .043 | .039 | .038 | 23 | .053 |
| 24 | .040 | .042 | .035 | BF | .023 | .021 | .016 | .025 | .034 | .040 | .044 | .047 | .048 | .050 | .052 | .052 | .051 | .051 | .043 | .036 | .033 | .036 | .040 | .039 | 23 | .052 |
| 25 | .038 | .037 | .036 | BF | .029 | .023 | .016 | .017 | .034 | .041 | .042 | .044 | .045 | .045 | .045 | .045 | .045 | .043 | .040 | .034 | .033 | .033 | .034 | .035 | 23 | .045 |
| 26 | .033 | .029 | .025 | BF | .018 | .013 | .011 | .016 | .028 | .032 | .037 | .040 | .042 | .044 | .043 | .044 | .043 | .043 | .042 | .040 | .038 | .036 | .034 | .033 | 23 | .044 |
| 27 | .030 | .029 | .024 | BF | .020 | .014 | .007 | .009 | .023 | .024 | .032 | .040 | .041 | .042 | .043 | .043 | .044 | .042 | .038 | .034 | .033 | .037 | .037 | .036 | 23 | .044 |
| 28 | .034 | .032 | .030 | BF | .030 | .029 | .027 | .026 | .026 | .027 | .029 | .032 | .037 | .038 | .042 | .041 | .038 | .033 | .022 | .022 | .014 | .009 | .006 | .006 | 23 | .042 |
| 29 | .015 | .029 | .035 | BF | .037 | .033 | .031 | .032 | .033 | .033 | .038 | .041 | .042 | .042 | .042 | .044 | .045 | .044 | .037 | .038 | .027 | .029 | .030 | .028 | 23 | .045 |
| 30 | .027 | .025 | .023 | BF | .028 | .029 | .026 | .025 | .031 | .036 | .038 | .037 | .039 | .042 | .044 | .045 | .046 | .045 | .041 | .041 | .041 | .041 | .041 | .039 | 23 | .046 |
| 31 | .038 | .036 | .034 | BF | .030 | .031 | .033 | .030 | .031 | .034 | .035 | .039 | .039 | .040 | .042 | .045 | .047 | .047 | .043 | .041 | .038 | .036 | .034 | .032 | 23 | .047 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .050 | .047 | .044 | | .043 | .044 | .040 | .040 | .042 | .045 | .049 | .051 | .054 | .057 | .061 | .062 | .061 | .059 | .058 | .052 | .047 | .052 | .053 | .052 | | |
| AVG: | .0312 | .0301 | .0285 | | .0283 | .0261 | .0243 | .0261 | .0327 | .0367 | .0395 | .0416 | .0436 | .0450 | .0463 | .0470 | .0471 | .0459 | .0417 | .0380 | .0356 | .0341 | .0330 | .0322 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0363 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-101-0002 POC: 1
 COUNTY: (101) Johnston
 CITY: (00000) Not in a city
 SITE ADDRESS: 1338 JACK ROAD
 SITE COMMENTS: Upwind site for Raleigh
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.590833
 LONGITUDE: -78.461944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 127
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .030 | .028 | .026 | BF | .025 | .023 | .022 | .024 | .028 | .032 | .037 | .040 | .044 | .048 | .048 | .048 | .047 | .047 | .044 | .039 | .040 | .038 | .034 | .033 | 23 | .048 | |
| 2 | .032 | .031 | .030 | BF | .031 | .032 | .030 | .032 | .033 | .036 | .038 | .041 | .043 | .044 | .045 | .045 | .047 | .051 | .045 | .043 | .043 | .043 | .030 | .033 | 23 | .051 | |
| 3 | .033 | .029 | .029 | BF | .032 | .029 | .022 | .032 | .034 | .038 | .041 | .043 | .042 | .042 | .043 | .043 | .041 | .035 | .035 | .033 | .032 | .031 | .032 | .031 | 23 | .043 | |
| 4 | .031 | .030 | .030 | BF | .029 | .028 | .027 | .027 | .030 | .032 | .035 | .039 | .042 | .045 | .048 | .047 | .047 | .047 | .042 | .032 | .027 | .024 | .021 | .026 | 23 | .048 | |
| 5 | .014 | .022 | .020 | BF | .012 | .008 | .007 | .008 | .021 | .033 | .045 | .046 | .050 | .041 | .037 | .031 | .033 | .035 | .034 | .033 | .032 | .034 | .032 | .028 | 23 | .050 | |
| 6 | .021 | .018 | .016 | BF | .020 | .022 | .028 | .031 | .031 | .032 | .041 | .041 | .043 | .042 | .044 | .043 | .042 | .041 | .040 | .038 | .038 | .038 | .039 | .037 | 23 | .044 | |
| 7 | .037 | .038 | .039 | BF | .038 | .036 | .036 | .037 | .039 | .040 | .042 | .042 | .043 | .045 | .047 | .047 | .048 | .047 | .044 | .042 | .044 | .045 | .044 | .038 | 23 | .048 | |
| 8 | .032 | .028 | .023 | BF | .020 | .022 | .020 | .030 | .037 | .045 | .048 | .051 | .054 | .057 | .058 | .058 | .057 | .056 | .050 | .038 | .034 | .027 | .022 | .021 | 23 | .058 | |
| 9 | .017 | .016 | .014 | BF | .010 | .010 | .008 | .018 | .034 | .045 | .051 | .058 | .060 | .060 | .059 | .061 | .062 | .062 | .052 | .041 | .037 | .042 | .045 | .044 | 23 | .062 | |
| 10 | .041 | .036 | .028 | BF | .018 | .015 | .006 | .027 | .042 | .051 | .053 | .055 | .056 | .056 | .054 | .055 | .055 | .054 | .049 | .041 | .034 | .039 | .040 | .040 | 23 | .056 | |
| 11 | .038 | .034 | .028 | BF | .017 | .013 | .007 | .027 | .038 | .043 | .044 | .046 | .047 | .049 | .049 | .053 | .055 | .054 | .048 | .037 | .037 | .038 | .037 | .036 | 23 | .055 | |
| 12 | .035 | .033 | .028 | BF | .013 | .007 | .005 | .018 | .033 | .038 | .041 | .045 | .047 | .049 | .051 | .052 | .051 | .050 | .038 | .034 | .035 | .042 | .030 | .021 | 23 | .052 | |
| 13 | .015 | .013 | .011 | BF | .007 | .005 | .012 | .032 | .039 | .048 | .052 | .053 | .054 | .054 | .055 | .056 | .056 | .055 | .054 | .053 | .048 | .047 | .044 | .044 | 23 | .056 | |
| 14 | .045 | .041 | .037 | BF | .031 | .025 | .028 | .032 | .035 | .041 | .043 | .045 | .048 | .049 | .050 | .052 | .051 | .048 | .037 | .032 | .029 | .027 | .028 | .028 | 23 | .052 | |
| 15 | .027 | .025 | .021 | BF | .018 | .015 | .016 | .018 | .018 | .021 | .034 | .043 | .044 | .047 | .047 | .050 | .053 | .051 | .046 | .037 | .038 | .042 | .041 | .040 | 23 | .053 | |
| 16 | .038 | .036 | .035 | BF | .025 | .021 | .030 | .039 | .041 | .043 | .046 | .048 | .051 | .050 | .049 | .051 | .050 | .047 | .044 | .041 | .039 | .039 | .037 | .037 | 23 | .051 | |
| 17 | .035 | .036 | .036 | BF | .037 | .036 | .035 | .039 | .043 | .046 | .048 | .049 | .048 | .048 | .048 | .048 | .049 | .046 | .040 | .032 | .025 | .020 | .015 | .013 | 23 | .049 | |
| 18 | .015 | .021 | .028 | BF | .027 | .026 | .026 | .028 | .029 | AZ | .037 | .042 | .044 | .047 | .048 | .049 | .050 | .050 | .049 | .047 | .048 | .047 | .045 | .043 | 22 | .050 | |
| 19 | .041 | .038 | .037 | BF | .033 | .031 | .028 | BA | .024 | .025 | .027 | .029 | .032 | .036 | .037 | .038 | .038 | .035 | .027 | .020 | .018 | .015 | .010 | .005 | 22 | .041 | |
| 20 | .005 | .004 | .003 | BF | .001 | .004 | .004 | .012 | .026 | .034 | .037 | .038 | .039 | .041 | .041 | .042 | .042 | .041 | .032 | .026 | .016 | .009 | .014 | .018 | 23 | .042 | |
| 21 | .025 | .027 | .024 | BF | .017 | .014 | .017 | .023 | .028 | .033 | .038 | .042 | .045 | .046 | .047 | .049 | .046 | .045 | .042 | .038 | .031 | .032 | .027 | .023 | 23 | .049 | |
| 22 | .019 | .014 | .014 | BF | .010 | .008 | .013 | .024 | .028 | .034 | .038 | .042 | .045 | .045 | .046 | .046 | .045 | .043 | .036 | .030 | .021 | .017 | .016 | .016 | 23 | .046 | |
| 23 | .015 | .014 | .017 | BF | .024 | .023 | .025 | .023 | .023 | .021 | .022 | .023 | .023 | .026 | .025 | .022 | .022 | .022 | .024 | .024 | .026 | .028 | .028 | .027 | 23 | .028 | |
| 24 | .026 | .026 | .024 | BF | .022 | .021 | .021 | .021 | .019 | .019 | .017 | .018 | .019 | .018 | .018 | .018 | .018 | .020 | .022 | .035 | .037 | .035 | .034 | .031 | 23 | .037 | |
| 25 | .033 | .037 | .034 | BF | .037 | .036 | .041 | .034 | .031 | .035 | .040 | .047 | .051 | .053 | .045 | .042 | .039 | .035 | .030 | .023 | .017 | .013 | .009 | .009 | 23 | .053 | |
| 26 | .011 | .010 | .015 | BF | .024 | .024 | .022 | .027 | .029 | .029 | .031 | .033 | .037 | .039 | .039 | .039 | .038 | .036 | .025 | .021 | .024 | .020 | .018 | .019 | 23 | .039 | |
| 27 | .025 | .031 | .037 | BF | .036 | .025 | .029 | .036 | .043 | .044 | .047 | .053 | .056 | .056 | .054 | .051 | .050 | .043 | .036 | .031 | .032 | .032 | .032 | .032 | 23 | .056 | |
| 28 | .030 | .028 | .024 | BF | .022 | .021 | .019 | .021 | .023 | .027 | .030 | .032 | .032 | .035 | .039 | .039 | .041 | .040 | .035 | .029 | .027 | .025 | .024 | .023 | 23 | .041 | |
| 29 | .024 | .025 | .027 | BF | .028 | .026 | .024 | .025 | .026 | .027 | .029 | .031 | .032 | .034 | .037 | .036 | .033 | .028 | .019 | .016 | .020 | .018 | .018 | .017 | 23 | .037 | |
| 30 | .016 | .015 | .016 | BF | .019 | .019 | .017 | .018 | .020 | .022 | .022 | .023 | .024 | .025 | .025 | .024 | .021 | .017 | .020 | .012 | .015 | .022 | .022 | .021 | 23 | .025 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .045 | .041 | .039 | | .038 | .036 | .041 | .039 | .043 | .051 | .053 | .058 | .060 | .060 | .059 | .061 | .062 | .062 | .054 | .053 | .048 | .047 | .045 | .044 | | | |
| AVG: | .0269 | .0261 | .0250 | | .0228 | .0208 | .0208 | .0263 | .0308 | .0350 | .0385 | .0413 | .0432 | .0442 | .0445 | .0444 | .0443 | .0428 | .0381 | .0334 | .0315 | .0310 | .0290 | .0278 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0334 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-101-0002 POC: 1
 COUNTY: (101) Johnston
 CITY: (00000) Not in a city
 SITE ADDRESS: 1338 JACK ROAD
 SITE COMMENTS: Upwind site for Raleigh
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.590833
 LONGITUDE: -78.461944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 127
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .020 | .021 | .021 | BF | .021 | .020 | .020 | .020 | .023 | .025 | .028 | .029 | .029 | .030 | .030 | .031 | .030 | .030 | .028 | .026 | .025 | .024 | .020 | .024 | 23 | .031 |
| 2 | .023 | .024 | .026 | BF | .026 | .025 | .026 | .032 | .041 | .047 | .048 | .051 | .051 | .051 | .052 | .054 | .054 | .055 | .051 | .035 | .030 | .025 | .021 | .020 | 23 | .055 |
| 3 | .022 | .023 | .022 | BF | .020 | .019 | .019 | .032 | .040 | .047 | .053 | .055 | .056 | .060 | .061 | .064 | .064 | .059 | .041 | .040 | .040 | .044 | .040 | .036 | 23 | .064 |
| 4 | .039 | .045 | .048 | BF | .041 | .039 | .038 | .039 | .043 | .049 | .052 | .052 | .052 | .052 | .050 | .051 | .050 | .049 | .047 | .045 | .044 | .043 | .039 | .032 | 23 | .052 |
| 5 | .024 | .019 | .017 | BF | .033 | .038 | .031 | .028 | .028 | .036 | .040 | .039 | .040 | .042 | .044 | .047 | .047 | .044 | .043 | .043 | .040 | .038 | .035 | .033 | 23 | .047 |
| 6 | .032 | .031 | .030 | BF | .028 | .025 | .023 | .023 | .022 | .023 | .024 | .033 | .041 | .043 | .045 | .047 | .046 | .042 | .037 | .032 | .036 | .038 | .039 | .034 | 23 | .047 |
| 7 | .028 | .027 | .021 | BF | .018 | .019 | .022 | .028 | .033 | .037 | .042 | .043 | .046 | .046 | .048 | .050 | .049 | .046 | .035 | .031 | .027 | .026 | .037 | 23 | .050 | |
| 8 | .032 | .023 | .021 | BF | .013 | .011 | .016 | .025 | .034 | .046 | .051 | .055 | .057 | .061 | .064 | .063 | .063 | .055 | .041 | .036 | .030 | .025 | .022 | 23 | .064 | |
| 9 | .015 | .012 | .015 | BF | .012 | .010 | .013 | .014 | .022 | .028 | .027 | .032 | .035 | .036 | .046 | .051 | .048 | .038 | .024 | .018 | .016 | .018 | .019 | .017 | 23 | .051 |
| 10 | .020 | .023 | .031 | BF | .020 | .018 | .017 | .027 | .036 | .044 | .049 | .049 | .053 | .056 | .061 | .062 | .058 | .050 | .032 | .027 | .030 | .026 | .019 | .018 | 23 | .062 |
| 11 | .012 | .007 | .012 | BF | .002 | .001 | .004 | .016 | .025 | .030 | .039 | .044 | .043 | .041 | .049 | .049 | .050 | .047 | .032 | .030 | .026 | .027 | .030 | .033 | 23 | .050 |
| 12 | .038 | .038 | .038 | BF | .040 | .041 | .037 | .033 | .031 | .030 | .029 | .029 | .029 | .027 | .026 | .025 | .025 | .024 | .022 | .020 | .019 | .019 | .020 | .021 | 23 | .041 |
| 13 | .021 | .021 | .020 | BF | .019 | .021 | .022 | .022 | .020 | .022 | .026 | .029 | .032 | .034 | .034 | .033 | .029 | .027 | .019 | .014 | .009 | .009 | .012 | .007 | 23 | .034 |
| 14 | .005 | .004 | .002 | BF | .001 | .004 | .007 | .015 | .026 | .038 | .047 | .052 | .053 | .054 | .054 | .054 | .053 | .054 | .050 | .041 | .042 | .045 | .047 | .044 | 23 | .054 |
| 15 | .040 | .035 | .027 | BF | .031 | .027 | .030 | .037 | .045 | .050 | .055 | .058 | .061 | .061 | .059 | .059 | .063 | .061 | .046 | .041 | .032 | .031 | .028 | .019 | 23 | .063 |
| 16 | .015 | .014 | .016 | BF | .014 | .010 | .021 | .033 | .041 | .048 | .052 | .056 | .059 | .060 | .061 | .060 | .060 | .056 | .042 | .036 | .032 | .025 | .019 | .017 | 23 | .061 |
| 17 | .015 | .013 | .008 | BF | .003 | .002 | .013 | .030 | .041 | .048 | .052 | .053 | .055 | .055 | .058 | .062 | .061 | .060 | .051 | .030 | .035 | .041 | .042 | .043 | 23 | .062 |
| 18 | .041 | .042 | .039 | BF | .033 | .025 | .024 | .026 | .036 | .041 | .044 | .044 | .044 | .044 | .044 | .045 | .049 | .050 | .045 | .036 | .037 | .038 | .036 | .035 | 23 | .050 |
| 19 | .033 | .031 | .030 | BF | .029 | .026 | .028 | BA | .035 | .037 | .040 | .041 | .042 | .041 | .042 | .041 | .041 | .034 | .032 | .035 | .026 | .022 | .017 | .015 | 22 | .042 |
| 20 | .013 | .012 | .012 | BF | .020 | .022 | .024 | .028 | .034 | .039 | .045 | .050 | .053 | .054 | .058 | .061 | .058 | .049 | .041 | .043 | .037 | .032 | .030 | .030 | 23 | .061 |
| 21 | .027 | .027 | .026 | BF | .024 | .024 | .023 | .023 | .023 | .024 | .025 | .026 | .028 | .028 | .030 | .032 | .032 | .030 | .027 | .026 | .025 | .026 | .027 | .026 | 23 | .032 |
| 22 | .023 | .021 | .020 | BF | .020 | .020 | .025 | .021 | .019 | .025 | .026 | .026 | .030 | .034 | .036 | .038 | .039 | .030 | .021 | .012 | .013 | .018 | .036 | .033 | 23 | .039 |
| 23 | .026 | .020 | .012 | BF | .014 | .016 | .020 | .015 | .021 | .029 | .030 | .031 | .031 | .029 | .027 | .027 | .027 | .024 | .019 | .015 | .014 | .013 | .014 | .017 | 23 | .031 |
| 24 | .018 | .018 | .017 | BF | .011 | .010 | .016 | .021 | .025 | .026 | .028 | .032 | .031 | .030 | .027 | .024 | .018 | .028 | .026 | .021 | .020 | .024 | .026 | .029 | 23 | .032 |
| 25 | .027 | .023 | .025 | BF | .030 | .026 | .029 | .031 | .034 | .036 | .042 | .044 | .045 | .039 | .041 | .045 | .044 | .045 | .043 | .039 | .036 | .039 | .038 | .037 | 23 | .045 |
| 26 | .035 | .033 | .032 | BF | .026 | .023 | .025 | .030 | .037 | .046 | .049 | .052 | .055 | .056 | .056 | .056 | .056 | .055 | .050 | .039 | .033 | .029 | .025 | .027 | 23 | .056 |
| 27 | .019 | .013 | .017 | BF | .012 | .008 | .013 | .026 | .035 | .039 | .044 | .048 | .052 | .051 | .052 | .050 | .049 | .044 | .040 | .031 | .026 | .026 | .023 | .021 | 23 | .052 |
| 28 | .022 | .017 | .016 | BF | .024 | .022 | .017 | .024 | .033 | .038 | .041 | .047 | .050 | .052 | .052 | .049 | .047 | .045 | .039 | .029 | .026 | .018 | .019 | .020 | 23 | .052 |
| 29 | .023 | .021 | .024 | BF | .010 | .007 | .016 | .026 | .036 | .043 | .046 | .047 | .048 | .048 | .047 | .044 | .043 | .041 | .031 | .024 | .022 | .032 | .028 | .018 | 23 | .048 |
| 30 | .012 | .011 | .010 | BF | .012 | .010 | .015 | .019 | .024 | .031 | .034 | .036 | .037 | .037 | .036 | .037 | .036 | .032 | .025 | .015 | .012 | .009 | .005 | .002 | 23 | .037 |
| 31 | .001 | .005 | .006 | BF | .006 | .004 | .008 | .016 | .025 | .034 | .041 | .043 | .040 | .044 | .040 | .032 | .032 | .028 | .023 | .017 | .010 | .012 | .012 | .008 | 23 | .044 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .041 | .045 | .048 | | .041 | .041 | .038 | .039 | .045 | .050 | .055 | .058 | .061 | .061 | .064 | .064 | .064 | .063 | .055 | .045 | .044 | .045 | .047 | .044 | | |
| AVG: | .0233 | .0217 | .0213 | | .0198 | .0185 | .0207 | .0253 | .0312 | .0366 | .0403 | .0428 | .0445 | .0450 | .0461 | .0465 | .0459 | .0433 | .0364 | .0302 | .0277 | .0274 | .0264 | .0250 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0324 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-101-0002 POC: 1
 COUNTY: (101) Johnston
 CITY: (00000) Not in a city
 SITE ADDRESS: 1338 JACK ROAD
 SITE COMMENTS: Upwind site for Raleigh
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.590833
 LONGITUDE: -78.461944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 127
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .005 | .004 | .004 | BF | .001 | .002 | .007 | .021 | .029 | .039 | .048 | .051 | .055 | .057 | .059 | .059 | .053 | .046 | .024 | .032 | .031 | .024 | .020 | .011 | 23 | .059 | |
| 2 | .006 | .006 | .008 | BF | .007 | .008 | .022 | .035 | .046 | .051 | .055 | .059 | .060 | .064 | .065 | .067 | .065 | .062 | .047 | .039 | .028 | .020 | .013 | .017 | 23 | .067 | |
| 3 | .015 | .011 | .006 | BF | .004 | .004 | .012 | .032 | .048 | .058 | .060 | .063 | .063 | .062 | .060 | .057 | .058 | .057 | .049 | .036 | .028 | .017 | .023 | .020 | 23 | .063 | |
| 4 | .012 | .007 | .005 | BF | .001 | .001 | .005 | .021 | .030 | .041 | .048 | .053 | .053 | .055 | .053 | .052 | .046 | .039 | .037 | .039 | .038 | .029 | .026 | .023 | 23 | .055 | |
| 5 | .016 | .010 | .007 | BF | .006 | .006 | .008 | .010 | .015 | .019 | .023 | .025 | .025 | .024 | .028 | .029 | .027 | .027 | .024 | .029 | .031 | .026 | .023 | .024 | 23 | .031 | |
| 6 | .023 | .026 | .023 | BF | .020 | .017 | .017 | .021 | .031 | .039 | .046 | .047 | .050 | .053 | .052 | .051 | .053 | .039 | .025 | .021 | .019 | .018 | .023 | .031 | 23 | .053 | |
| 7 | .037 | .045 | .046 | BF | .035 | .031 | .030 | .032 | .035 | .037 | .041 | .045 | .042 | .042 | .042 | .042 | .041 | .039 | .039 | .037 | .035 | .033 | .034 | .033 | 23 | .046 | |
| 8 | .034 | .035 | .035 | BF | .033 | .033 | .031 | .031 | .032 | .033 | .035 | .037 | .036 | .039 | .041 | .041 | .041 | .039 | .040 | .030 | .024 | .021 | .015 | .011 | 23 | .041 | |
| 9 | .007 | .007 | .004 | BF | .005 | .004 | .016 | .026 | .035 | .041 | .044 | .045 | .045 | .046 | .047 | .050 | .050 | .050 | .041 | .030 | .025 | .019 | .009 | .014 | 23 | .050 | |
| 10 | .011 | .010 | .007 | BF | .005 | .003 | .013 | .029 | .035 | .038 | .042 | .049 | .050 | .050 | .050 | .051 | .050 | .048 | .040 | .036 | .030 | .030 | .037 | .038 | 23 | .051 | |
| 11 | .037 | .030 | .020 | BF | .016 | .009 | .013 | .027 | .033 | .038 | .043 | .045 | .046 | .046 | .047 | .046 | .047 | .041 | .028 | .024 | .031 | .028 | .022 | .023 | 23 | .047 | |
| 12 | .022 | .016 | .012 | BF | .007 | .006 | .015 | .028 | .037 | .041 | .044 | .043 | .044 | .045 | .048 | .048 | .045 | .050 | .038 | .032 | .029 | .024 | .025 | .026 | 23 | .050 | |
| 13 | .024 | .026 | .026 | BF | .017 | .009 | .013 | BA | .032 | .040 | .043 | .043 | .045 | .048 | .052 | .057 | .054 | .050 | .040 | .045 | .033 | .037 | .031 | .027 | 22 | .057 | |
| 14 | .025 | .023 | .024 | BF | .018 | .022 | .029 | .034 | .040 | .044 | .046 | .050 | .052 | .052 | .052 | .054 | .055 | .045 | .047 | .048 | .043 | .045 | .039 | .032 | 23 | .055 | |
| 15 | .033 | .029 | .030 | BF | .021 | .016 | .019 | .025 | .030 | .038 | .044 | .047 | .048 | .048 | .049 | .047 | .031 | .039 | .025 | .023 | .030 | .020 | .017 | .014 | 23 | .049 | |
| 16 | .010 | .004 | .004 | BF | .006 | .005 | .009 | .017 | .031 | .037 | .045 | .050 | .054 | .055 | .050 | .047 | .046 | .037 | .035 | .029 | .023 | .020 | .020 | .017 | 23 | .055 | |
| 17 | .011 | .008 | .005 | BF | .006 | .009 | .011 | .012 | .019 | .023 | .031 | .033 | .031 | .027 | .028 | .030 | .029 | .025 | .019 | .017 | .008 | .007 | .007 | .005 | 23 | .033 | |
| 18 | .011 | .016 | .020 | BF | .021 | .019 | .018 | .020 | .022 | .026 | .029 | .035 | .036 | .037 | .037 | .037 | .032 | .033 | .025 | .032 | .025 | .019 | .017 | .017 | 23 | .037 | |
| 19 | .016 | .015 | .015 | BF | .012 | .012 | .012 | .015 | .017 | .022 | .026 | .028 | .031 | .033 | .028 | .027 | .024 | .020 | .021 | .021 | .027 | .022 | .010 | .008 | 23 | .033 | |
| 20 | .008 | .012 | .036 | BF | .029 | .025 | .026 | .026 | .029 | .031 | .031 | .033 | .034 | .033 | .033 | .033 | .028 | .026 | .025 | .022 | .019 | .019 | .017 | .014 | 23 | .036 | |
| 21 | .013 | .013 | .013 | BF | .012 | .011 | .014 | .014 | .013 | .013 | .018 | .022 | .026 | .027 | .027 | .027 | .023 | .021 | .018 | .011 | .011 | .019 | .017 | .012 | 23 | .027 | |
| 22 | .011 | .012 | .011 | BF | .008 | .004 | .006 | .012 | .016 | .019 | .020 | .021 | .022 | .022 | .021 | .023 | .020 | .017 | .017 | .015 | .011 | .009 | .007 | .006 | 23 | .023 | |
| 23 | .004 | .004 | .002 | BF | .007 | .008 | .008 | .008 | .011 | .014 | .018 | .019 | .020 | .021 | .026 | .027 | .027 | .027 | .026 | .021 | .017 | .019 | .021 | .021 | 23 | .027 | |
| 24 | .021 | .022 | .022 | BF | .021 | .019 | .018 | .019 | .020 | .023 | .027 | .033 | .035 | .035 | .031 | .029 | .022 | .025 | .034 | .031 | .027 | .018 | .014 | .014 | 23 | .035 | |
| 25 | .014 | .018 | .021 | BF | .014 | .012 | .015 | .021 | .024 | .034 | .041 | .042 | .045 | .049 | .048 | .049 | .045 | .033 | .020 | .017 | .020 | .017 | .013 | .010 | 23 | .049 | |
| 26 | .007 | .009 | .006 | BF | .003 | .005 | .007 | .023 | .034 | .043 | .051 | .054 | .056 | .060 | .058 | .061 | .061 | .056 | .045 | .036 | .027 | .019 | .014 | .008 | 23 | .061 | |
| 27 | .003 | .002 | .002 | BF | .005 | .005 | .015 | .030 | .033 | .039 | .042 | .045 | .048 | .049 | .054 | .055 | .054 | .048 | .043 | .033 | .028 | .027 | .017 | .014 | 23 | .055 | |
| 28 | .011 | .008 | .005 | BF | .010 | .015 | .020 | .026 | .031 | .036 | .043 | .048 | .050 | .050 | .052 | .052 | .052 | .048 | .034 | .027 | .024 | .015 | .012 | .016 | 23 | .052 | |
| 29 | .015 | .012 | .007 | BF | .006 | .003 | .005 | .021 | .037 | .047 | .052 | .058 | .057 | .058 | .058 | .058 | .058 | .053 | .043 | .038 | .033 | .030 | .024 | .022 | 23 | .058 | |
| 30 | .023 | .017 | .012 | BF | .004 | .003 | .016 | .024 | .030 | .032 | .033 | .028 | .024 | .024 | .025 | .025 | .024 | .022 | .021 | .016 | .013 | .011 | .009 | .008 | 23 | .033 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .037 | .045 | .046 | | .035 | .033 | .031 | .035 | .048 | .058 | .060 | .063 | .063 | .064 | .065 | .067 | .065 | .062 | .049 | .048 | .043 | .045 | .039 | .038 | | | |
| AVG: | .0162 | .0152 | .0146 | | .0120 | .0109 | .0150 | .0228 | .0292 | .0345 | .0390 | .0417 | .0428 | .0437 | .0440 | .0444 | .0420 | .0390 | .0328 | .0290 | .0254 | .0222 | .0194 | .0178 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0284 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-101-0002 POC: 1
 COUNTY: (101) Johnston
 CITY: (00000) Not in a city
 SITE ADDRESS: 1338 JACK ROAD
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 MONITOR COMMENTS:

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 LOCATION SETTING: RURAL

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 LONGITUDE: -78.461944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 127
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .010 | .013 | .014 | BF | .011 | .011 | .014 | .015 | .014 | .015 | .017 | .017 | .019 | .021 | .023 | .025 | .026 | .025 | .019 | .018 | .014 | .010 | .018 | .022 | 23 | .026 | |
| 2 | .024 | .022 | .018 | BF | .014 | .013 | .017 | .022 | .027 | .030 | .034 | .038 | .041 | .042 | .041 | .040 | .042 | .035 | .027 | .021 | .019 | .015 | .009 | .007 | 23 | .042 | |
| 3 | .005 | .003 | .002 | BF | .001 | .001 | .002 | .011 | .033 | .041 | .047 | .045 | .053 | .054 | .058 | .043 | .037 | .034 | .031 | .026 | .020 | .016 | .011 | .009 | 23 | .058 | |
| 4 | .006 | .006 | .004 | BF | .001 | .001 | .005 | .015 | .029 | .033 | .035 | .036 | .035 | .035 | .036 | .035 | .033 | .033 | .026 | .025 | .028 | .029 | .025 | .024 | 23 | .036 | |
| 5 | .015 | .011 | .005 | BF | .004 | .004 | .007 | .012 | .019 | .025 | .034 | .039 | .039 | .040 | .042 | .040 | .034 | .031 | .027 | .025 | .017 | .021 | .018 | .020 | 23 | .042 | |
| 6 | .011 | .009 | .003 | BF | .002 | .001 | .007 | .019 | .026 | .031 | .036 | .035 | .037 | .036 | .033 | .030 | .029 | .029 | .020 | .013 | .023 | .029 | .024 | .022 | 23 | .037 | |
| 7 | .018 | .022 | .023 | BF | .020 | .019 | .021 | .026 | .030 | .032 | .036 | .040 | .040 | .041 | .044 | .046 | .047 | .047 | .044 | .036 | .025 | .022 | .015 | .010 | 23 | .047 | |
| 8 | .010 | .017 | .021 | BF | .018 | .015 | .019 | .025 | .031 | .037 | .041 | .044 | .046 | .043 | .043 | .041 | .045 | .043 | .042 | .044 | .037 | .027 | .022 | .018 | 23 | .046 | |
| 9 | .018 | .016 | .015 | BF | .015 | .014 | .016 | .023 | .028 | .034 | .037 | .040 | .041 | .042 | .045 | .041 | .046 | .044 | .026 | .021 | .022 | .031 | .021 | .021 | 23 | .046 | |
| 10 | .012 | .006 | .002 | BF | .001 | .001 | .003 | .010 | .018 | .028 | .038 | .039 | .041 | .042 | .044 | .045 | .033 | .028 | .032 | .029 | .020 | .012 | .009 | .006 | 23 | .045 | |
| 11 | .007 | .011 | .011 | BF | .010 | .013 | .016 | BA | .025 | .031 | .035 | .039 | .042 | .047 | .048 | .048 | .044 | .037 | .036 | .042 | .036 | .026 | .027 | .027 | 22 | .048 | |
| 12 | .025 | .023 | .017 | BF | .009 | .008 | .011 | .020 | .029 | .034 | .035 | .035 | .037 | .038 | .038 | .024 | .019 | .013 | .006 | .008 | .007 | .006 | .011 | .012 | 23 | .038 | |
| 13 | .012 | .011 | .009 | BF | .003 | .005 | BA | BC | BC | BC | .024 | .027 | .030 | .030 | .031 | .025 | .023 | .020 | .022 | .019 | .015 | .009 | .005 | .012 | 19 | .031 | |
| 14 | .012 | .010 | .008 | BF | .005 | .005 | .007 | .011 | .019 | .025 | .029 | .034 | .036 | .036 | .034 | .032 | .028 | .036 | .029 | .025 | .019 | .021 | .020 | .019 | 23 | .036 | |
| 15 | .018 | .017 | .014 | BF | .007 | .005 | .010 | .018 | .031 | .044 | .049 | .053 | .055 | .053 | .045 | .033 | .036 | .025 | .012 | .033 | .029 | .029 | .032 | .032 | 23 | .055 | |
| 16 | .039 | .040 | .036 | BF | .018 | .013 | .013 | .013 | .012 | .015 | .022 | .028 | .036 | .041 | .042 | .049 | .043 | .035 | .030 | .036 | .024 | .020 | .011 | .011 | .009 | 23 | .049 |
| 17 | .006 | .003 | .003 | BF | .004 | .004 | .007 | .012 | .022 | .029 | .032 | .036 | .041 | .043 | .041 | .039 | .037 | .036 | .026 | .013 | .016 | .011 | .015 | .013 | 23 | .043 | |
| 18 | .011 | .008 | .004 | BF | .003 | .002 | .005 | .006 | .013 | .020 | .027 | .030 | .034 | .037 | .038 | .039 | .039 | .032 | .022 | .018 | .015 | .016 | .011 | .007 | 23 | .039 | |
| 19 | .006 | .002 | .002 | BF | .002 | .003 | .012 | .026 | .039 | AV | AV | .054 | .058 | .057 | .060 | .060 | .057 | .048 | .032 | .023 | .018 | .017 | .015 | 21 | .060 | | |
| 20 | .011 | .013 | .010 | BF | .004 | .001 | .005 | .019 | .032 | .045 | .056 | .065 | .067 | .065 | .064 | .063 | .048 | .047 | .029 | .028 | .023 | .020 | .016 | .017 | 23 | .067 | |
| 21 | .010 | .006 | .004 | BF | .002 | .001 | .009 | .022 | .033 | .041 | .047 | .052 | .055 | .055 | .057 | .058 | .051 | .050 | .045 | .039 | .030 | .023 | .023 | .018 | 23 | .058 | |
| 22 | .016 | .014 | .011 | BF | .011 | .012 | .016 | .022 | .029 | .034 | .040 | .043 | .046 | .049 | .048 | .050 | .049 | .047 | .041 | .039 | .038 | .038 | .040 | .037 | 23 | .050 | |
| 23 | .033 | .032 | .027 | BF | .022 | .021 | .022 | .026 | .033 | .037 | .041 | .044 | .047 | .048 | .048 | .042 | .047 | .042 | .045 | .042 | .034 | .025 | .021 | .022 | 23 | .048 | |
| 24 | .018 | .013 | .019 | BF | .019 | .022 | .023 | .025 | .027 | .030 | .034 | .039 | .042 | .043 | .044 | .043 | .044 | .042 | .031 | .031 | .031 | .026 | .024 | .015 | 23 | .044 | |
| 25 | .007 | .009 | .013 | BF | .010 | .009 | .012 | .018 | .034 | .049 | .055 | .058 | .061 | .063 | .062 | .060 | .046 | .048 | .030 | .020 | .012 | .031 | .040 | .036 | 23 | .063 | |
| 26 | .040 | .038 | .038 | BF | .033 | .029 | .030 | .032 | .038 | .042 | .046 | .048 | .049 | .050 | .050 | .054 | .054 | .048 | .035 | .016 | .017 | .022 | .026 | .021 | 23 | .054 | |
| 27 | .018 | .011 | .012 | BF | .003 | .002 | .006 | .024 | .033 | .039 | .042 | .045 | .051 | .052 | .051 | .048 | .042 | .037 | .025 | .025 | .020 | .028 | .034 | .032 | 23 | .052 | |
| 28 | .028 | .025 | .022 | BF | .015 | .012 | .013 | .015 | .023 | .031 | .037 | .040 | .041 | .035 | .039 | .043 | .035 | .033 | .026 | .018 | .014 | .027 | .014 | .008 | 23 | .043 | |
| 29 | .007 | .009 | .013 | BF | .012 | .010 | .010 | .012 | .018 | .029 | .035 | .038 | .041 | .041 | .041 | .040 | .042 | .041 | .041 | .045 | .043 | .037 | .033 | .034 | 23 | .045 | |
| 30 | .036 | .033 | .029 | BF | .020 | .020 | .020 | .023 | .028 | .033 | .035 | .037 | .037 | .037 | .037 | .037 | .038 | .041 | .041 | .033 | .022 | .018 | .016 | .014 | 23 | .041 | |
| 31 | .012 | .012 | .013 | BF | .007 | .010 | .012 | .023 | .030 | .038 | .044 | .044 | .044 | .046 | .047 | .045 | .044 | .044 | .041 | .018 | .020 | .015 | .011 | .012 | 23 | .047 | |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 29 | 30 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | | |
| MAX: | .040 | .040 | .038 | | .033 | .029 | .030 | .032 | .039 | .049 | .056 | .065 | .067 | .065 | .064 | .063 | .057 | .050 | .045 | .045 | .043 | .038 | .040 | .037 | | | |
| AVG: | .0162 | .0150 | .0136 | | .0099 | .0093 | .0123 | .0188 | .0268 | .0328 | .0373 | .0407 | .0433 | .0440 | .0445 | .0423 | .0397 | .0370 | .0305 | .0264 | .0227 | .0215 | .0200 | .0184 | | | |

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: .0271 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-101-0002 POC: 1
 COUNTY: (101) Johnston
 CITY: (00000) Not in a city
 SITE ADDRESS: 1338 JACK ROAD
 SITE COMMENTS: Upwind site for Raleigh
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.590833
 LONGITUDE: -78.461944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 127
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .007 | .005 | .002 | BF | .002 | .001 | .002 | .010 | .026 | .041 | .046 | .046 | .046 | .049 | .051 | .052 | .049 | .040 | .026 | .027 | .015 | .012 | .011 | .010 | 23 | .052 |
| 2 | .008 | .005 | .005 | BF | .001 | .001 | .001 | .018 | AZ | AZ | AZ | AZ | .048 | .053 | .054 | .047 | .034 | .023 | .021 | .027 | .020 | .013 | .007 | .007 | 19 | .054 |
| 3 | .006 | .005 | .005 | BF | .004 | .004 | .004 | .009 | .014 | .024 | .035 | .045 | .053 | .055 | .050 | .044 | .034 | .036 | .032 | .026 | .016 | .013 | .013 | .013 | 23 | .055 |
| 4 | .010 | .009 | .006 | BF | .004 | .002 | .003 | .010 | .023 | .037 | .042 | .043 | .044 | .046 | .052 | .048 | .048 | .046 | .041 | .036 | .031 | .030 | .029 | .026 | 23 | .052 |
| 5 | .024 | .021 | .018 | BF | .023 | .025 | .024 | .027 | .032 | .041 | .048 | .049 | .050 | .049 | .050 | .049 | .048 | .044 | .034 | .029 | .029 | .028 | .027 | .026 | 23 | .050 |
| 6 | .027 | .028 | .026 | BF | .030 | .031 | .030 | .028 | .031 | .035 | .038 | .043 | .045 | .046 | .048 | .050 | .049 | .047 | .042 | .036 | .036 | .034 | .030 | .024 | 23 | .050 |
| 7 | .019 | .014 | .012 | BF | .008 | .010 | .013 | .012 | .013 | .015 | .021 | .026 | .027 | .025 | .023 | .025 | .028 | .025 | .018 | .025 | .024 | .023 | .021 | .019 | 23 | .028 |
| 8 | .015 | .014 | .011 | BF | .009 | .008 | BA | .015 | .020 | .026 | .028 | .030 | .030 | .031 | .026 | .027 | .028 | .025 | .021 | .017 | .015 | .013 | .013 | .014 | 22 | .031 |
| 9 | .017 | .017 | .016 | BF | .013 | .016 | .015 | .023 | .030 | .035 | .038 | .040 | .042 | .044 | .044 | .045 | .043 | .042 | .042 | .025 | .015 | .009 | .009 | .012 | 23 | .045 |
| 10 | .008 | .003 | .002 | BF | .002 | .006 | .009 | .024 | .040 | .042 | .046 | .048 | .050 | .051 | .051 | .052 | .051 | .048 | .036 | .022 | .019 | .017 | .015 | .012 | 23 | .052 |
| 11 | .017 | .012 | .008 | BF | .003 | .001 | .003 | .015 | .022 | .025 | .029 | .034 | .036 | .035 | .037 | .037 | .023 | .010 | .015 | .016 | .011 | .009 | .008 | .012 | 23 | .037 |
| 12 | .014 | .013 | .012 | BF | .020 | .017 | .013 | .013 | .014 | .017 | .020 | .024 | .026 | .027 | .027 | .026 | .028 | .025 | .018 | .016 | .020 | .017 | .014 | .014 | 23 | .028 |
| 13 | .012 | .013 | .022 | BF | .012 | .009 | .008 | .014 | .018 | .024 | .025 | .022 | .027 | .033 | .036 | .036 | .035 | .035 | .034 | .027 | .026 | .024 | .023 | .022 | 23 | .036 |
| 14 | .019 | .017 | .016 | BF | .013 | .012 | .010 | .010 | .012 | .015 | .019 | .026 | .030 | .031 | .030 | .033 | .033 | .029 | .021 | .014 | .010 | .011 | .011 | .008 | 23 | .033 |
| 15 | .005 | .002 | .002 | BF | .003 | .002 | .004 | .010 | .022 | .029 | .030 | .027 | .037 | .031 | .034 | .032 | .035 | .033 | .021 | .033 | .038 | .027 | .020 | .014 | 23 | .038 |
| 16 | .008 | .004 | .003 | BF | .002 | .001 | .007 | .019 | .027 | .033 | .035 | .037 | .037 | .038 | .040 | .040 | .037 | .038 | .028 | .015 | .008 | .004 | .002 | .002 | 23 | .040 |
| 17 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .013 | .029 | .035 | .039 | .042 | .044 | .046 | .037 | .031 | .026 | .028 | .023 | .014 | .009 | .010 | .007 | .006 | 23 | .046 |
| 18 | .006 | .005 | .005 | BF | .004 | .004 | .004 | .007 | .013 | .025 | .032 | .034 | .039 | .039 | .038 | .041 | .044 | .039 | .032 | .030 | .031 | .030 | .025 | .020 | 23 | .044 |
| 19 | .021 | .025 | .020 | BF | .005 | .004 | .009 | .018 | .035 | .045 | .052 | .056 | .057 | .055 | .055 | .062 | .054 | .044 | .032 | .017 | .014 | .011 | .006 | .003 | 23 | .062 |
| 20 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .004 | .027 | .042 | .050 | .054 | .056 | .056 | .056 | .056 | .054 | .049 | .032 | .022 | .020 | .017 | .013 | .008 | 23 | .056 |
| 21 | .004 | .002 | .001 | BF | .001 | .001 | .002 | .011 | .017 | .035 | .045 | .044 | .044 | .037 | .031 | .045 | .046 | .036 | .025 | .017 | .011 | .007 | .006 | .002 | 23 | .046 |
| 22 | .001 | .001 | .001 | BF | .001 | .001 | .002 | .005 | .011 | .018 | .022 | .023 | .026 | .032 | .036 | .039 | .039 | .031 | .021 | .014 | .016 | .015 | .017 | .017 | 23 | .039 |
| 23 | .015 | .012 | .010 | BF | .007 | .005 | .005 | .012 | .022 | .031 | .039 | .046 | .050 | .047 | .048 | .048 | .039 | .032 | .024 | .020 | .024 | .020 | .011 | .011 | 23 | .050 |
| 24 | .010 | .015 | .016 | BF | .013 | .010 | .017 | .021 | .028 | .038 | .045 | .046 | .045 | .045 | .044 | .044 | .037 | .029 | .019 | .022 | .024 | .021 | .020 | .021 | 23 | .046 |
| 25 | .018 | .014 | .010 | BF | .006 | .007 | .006 | .015 | .031 | .042 | .045 | .047 | .049 | .050 | .052 | .051 | .046 | .034 | .022 | .016 | .014 | .015 | .013 | .016 | 23 | .052 |
| 26 | .015 | .011 | .013 | BF | .015 | .014 | .018 | .025 | .035 | .041 | .046 | .048 | .051 | .048 | .047 | .047 | .047 | .044 | .043 | .040 | .032 | .031 | .025 | .027 | 23 | .051 |
| 27 | .030 | .034 | .032 | BF | .029 | .027 | .029 | .034 | .039 | .044 | .048 | .048 | .047 | .047 | .048 | .050 | .050 | .048 | .044 | .041 | .039 | .040 | .037 | .033 | 23 | .050 |
| 28 | .029 | .028 | .027 | BF | .025 | .027 | .026 | .031 | .035 | BA | .039 | .041 | .041 | .041 | .041 | .040 | .040 | .036 | .031 | .029 | .030 | .032 | .032 | .030 | 22 | .041 |
| 29 | .028 | .026 | .024 | BF | .023 | .023 | .022 | .020 | .021 | .025 | .032 | .034 | .031 | .032 | .034 | .037 | .039 | .041 | .039 | .035 | .029 | .025 | .025 | .027 | 23 | .041 |
| 30 | .027 | .023 | .021 | BF | .022 | .023 | .021 | .023 | .024 | .028 | .036 | .042 | .050 | .052 | .052 | .050 | .033 | .027 | .020 | .020 | .020 | .016 | .012 | .010 | 23 | .052 |
| 31 | .008 | .007 | .008 | BF | .010 | .009 | .008 | .012 | .016 | .026 | .035 | .040 | .042 | .040 | .035 | .029 | .027 | .028 | .023 | .015 | .011 | .008 | .007 | .009 | 23 | .042 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 31 | 30 | 29 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .030 | .034 | .032 | | .030 | .031 | .030 | .034 | .040 | .045 | .052 | .056 | .057 | .056 | .056 | .062 | .054 | .049 | .044 | .041 | .039 | .040 | .037 | .033 | | |
| AVG: | .0139 | .0125 | .0115 | | .0101 | .0098 | .0106 | .0164 | .0242 | .0315 | .0368 | .0395 | .0419 | .0423 | .0421 | .0424 | .0398 | .0355 | .0289 | .0242 | .0209 | .0190 | .0168 | .0153 | | |

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .0254 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-101-0002 POC: 1
 COUNTY: (101) Johnston
 CITY: (00000) Not in a city
 SITE ADDRESS: 1338 JACK ROAD
 SITE COMMENTS: Upwind site for Raleigh
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.590833
 LONGITUDE: -78.461944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 127
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .011 | .008 | .004 | BF | .001 | .001 | .001 | .005 | .014 | .019 | .023 | .026 | .027 | .027 | .025 | .023 | .024 | .031 | .029 | .028 | .028 | .028 | .025 | .025 | 23 | .031 | |
| 2 | .023 | .021 | .019 | BF | .017 | .017 | .017 | .015 | .013 | .010 | .009 | .008 | .018 | .028 | .032 | .032 | .032 | .026 | .016 | .012 | .010 | .010 | .010 | .010 | 23 | .032 | |
| 3 | .008 | .012 | .010 | BF | .010 | .012 | .012 | .015 | .019 | .025 | .030 | .033 | .035 | .037 | .038 | .037 | .037 | .032 | .024 | .018 | .014 | .010 | .005 | .002 | 23 | .038 | |
| 4 | .001 | .001 | .001 | BF | .002 | .002 | .002 | .009 | .024 | .036 | .040 | .044 | .047 | .048 | .048 | .048 | .045 | .031 | .022 | .015 | .015 | .012 | .023 | .018 | 23 | .048 | |
| 5 | .012 | .006 | .007 | BF | .003 | .002 | .004 | .013 | .021 | .028 | .032 | .036 | .037 | .037 | .037 | .039 | .037 | .033 | .029 | .027 | .036 | .037 | .032 | .031 | 23 | .039 | |
| 6 | .029 | .029 | .028 | BF | .020 | .020 | .019 | BA | .026 | .031 | .035 | .039 | .042 | .039 | .034 | .030 | .028 | .025 | .022 | .019 | .015 | .014 | .012 | .016 | 22 | .042 | |
| 7 | .015 | .012 | .013 | BF | .011 | .007 | .007 | .013 | .021 | .031 | .040 | .044 | .048 | .047 | .047 | .048 | .049 | .038 | .022 | .018 | .010 | .007 | .003 | .001 | 23 | .049 | |
| 8 | .001 | .002 | .001 | BF | .003 | .001 | .002 | .008 | .022 | .028 | .034 | .037 | .039 | .042 | .045 | .044 | .042 | .035 | .020 | .015 | .012 | .011 | .009 | .009 | 23 | .045 | |
| 9 | .009 | .013 | .010 | BF | .007 | .006 | .009 | .017 | .027 | .032 | .036 | .037 | .039 | .041 | .043 | .042 | .042 | .041 | .038 | .037 | .035 | .033 | .029 | .027 | 23 | .043 | |
| 10 | .024 | .021 | .020 | BF | .019 | .017 | .019 | .019 | .021 | .024 | .026 | .028 | .029 | .030 | .032 | .033 | .031 | .025 | .023 | .022 | .023 | .022 | .022 | .024 | 23 | .033 | |
| 11 | .024 | .024 | .023 | BF | .022 | .022 | .023 | .023 | .023 | .023 | .024 | .024 | .024 | .026 | .026 | .026 | .026 | .025 | .024 | .026 | .028 | .028 | .028 | .028 | 23 | .028 | |
| 12 | .029 | .029 | .028 | BF | .024 | .025 | .024 | .024 | .024 | .023 | .024 | .025 | .025 | .026 | .027 | .026 | .025 | .021 | .016 | .013 | .012 | .011 | .011 | .012 | 23 | .029 | |
| 13 | .011 | .008 | .003 | BF | .002 | .002 | .002 | .009 | .018 | .026 | .032 | .035 | .035 | .036 | .038 | .041 | .040 | .031 | .019 | .012 | .009 | .010 | .007 | .015 | 23 | .041 | |
| 14 | .017 | .015 | .012 | BF | .011 | .008 | .010 | .019 | .026 | .026 | .034 | .041 | .042 | .040 | .031 | .028 | .032 | .017 | .008 | .002 | .001 | .001 | .001 | .001 | 23 | .042 | |
| 15 | .001 | .001 | .001 | BF | .001 | .001 | .003 | .010 | .024 | .035 | .045 | .052 | .053 | .058 | .056 | .046 | .037 | .028 | .022 | .012 | .010 | .006 | .009 | .009 | 23 | .058 | |
| 16 | .011 | .012 | .011 | BF | .009 | .009 | .008 | .012 | .025 | .033 | .040 | .040 | .040 | .039 | .040 | .040 | .040 | .034 | .018 | .015 | .015 | .014 | .015 | .012 | 23 | .040 | |
| 17 | .011 | .011 | .011 | BF | .011 | .016 | .015 | .018 | .021 | .027 | .030 | .034 | .035 | .037 | .036 | .034 | .032 | .028 | .019 | .018 | .019 | .019 | .011 | .009 | 23 | .037 | |
| 18 | .008 | .012 | .013 | BF | .016 | .014 | .013 | .016 | .023 | .028 | .033 | .033 | .033 | .033 | .034 | .035 | .035 | .028 | .017 | .011 | .013 | .017 | .018 | .018 | 23 | .035 | |
| 19 | .017 | .017 | .016 | BF | .016 | .016 | .016 | .019 | .020 | .023 | .027 | .032 | .031 | .033 | .034 | .037 | .037 | .025 | .022 | .016 | .008 | .007 | .004 | .004 | 23 | .037 | |
| 20 | .004 | .005 | .002 | BF | .002 | .002 | .001 | .010 | .030 | .041 | .050 | .055 | .053 | .055 | .049 | .043 | .042 | .024 | .019 | .012 | .021 | .016 | .009 | .004 | 23 | .055 | |
| 21 | .002 | .001 | .001 | BF | .001 | .001 | .001 | .006 | .020 | .036 | .042 | .046 | .051 | .048 | .043 | .045 | .039 | .025 | .015 | .012 | .011 | .008 | .005 | .005 | 23 | .051 | |
| 22 | .004 | .005 | .003 | BF | .001 | .001 | .001 | .005 | .023 | .038 | .048 | .054 | .051 | .048 | .050 | .051 | .046 | .030 | .022 | .014 | .008 | .010 | .005 | .002 | 23 | .054 | |
| 23 | .003 | .002 | .003 | BF | .003 | .005 | .006 | .011 | .028 | .044 | .050 | .052 | .052 | .050 | .049 | .045 | .047 | .038 | .030 | .019 | .013 | .013 | .016 | .022 | 23 | .052 | |
| 24 | .018 | .012 | .010 | BF | .013 | .011 | .011 | .017 | .028 | .035 | .045 | .045 | .047 | .047 | .049 | .051 | .042 | .026 | .023 | .025 | .034 | .037 | .036 | .037 | 23 | .051 | |
| 25 | .038 | .037 | .036 | BF | .030 | .028 | .026 | .030 | .031 | .029 | .028 | .028 | .028 | .030 | .030 | .032 | .033 | .029 | .020 | .016 | .019 | .022 | .021 | .019 | 23 | .038 | |
| 26 | .017 | .016 | .015 | BF | .014 | .012 | .012 | .013 | .013 | .014 | .016 | .018 | .019 | .020 | .022 | .024 | .025 | .024 | .020 | .020 | .020 | .020 | .018 | .018 | 23 | .025 | |
| 27 | .017 | .017 | .016 | BF | .014 | .012 | .012 | .013 | .016 | .020 | .025 | .027 | .028 | .029 | .037 | .040 | .037 | .028 | .019 | .015 | .011 | .007 | .007 | .009 | 23 | .040 | |
| 28 | .008 | .005 | .006 | BF | .006 | .005 | .007 | .024 | .038 | .044 | .062 | .067 | .071 | .077 | .081 | .078 | .064 | .048 | .038 | .034 | .028 | .020 | .038 | .040 | 23 | .081 | |
| 29 | .042 | .038 | .035 | BF | .029 | .029 | .025 | .027 | .028 | .029 | .030 | .033 | .036 | .039 | .037 | .034 | .032 | .028 | .020 | .015 | .010 | .009 | .006 | .004 | 23 | .042 | |
| 30 | .006 | .009 | .006 | BF | .002 | .002 | .004 | .014 | .030 | .037 | .040 | .042 | .044 | .045 | .045 | .043 | .038 | .033 | .026 | .031 | .031 | .029 | .027 | .024 | 23 | .045 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .042 | .038 | .036 | | .030 | .029 | .026 | .030 | .038 | .044 | .062 | .067 | .071 | .077 | .081 | .078 | .064 | .048 | .038 | .037 | .036 | .037 | .038 | .038 | .040 | | |
| AVG: | .0140 | .0134 | .0121 | | .0107 | .0102 | .0104 | .0150 | .0232 | .0292 | .0343 | .0372 | .0386 | .0397 | .0398 | .0392 | .0372 | .0296 | .0221 | .0183 | .0173 | .0163 | .0154 | .0152 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0234 MONTHLY MAX: .081

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-101-0002 POC: 1
 COUNTY: (101) Johnston
 CITY: (00000) Not in a city
 SITE ADDRESS: 1338 JACK ROAD
 SITE COMMENTS: Upwind site for Raleigh
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.590833
 LONGITUDE: -78.461944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 127
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .024 | .022 | .021 | BF | .021 | .019 | .019 | .021 | .024 | .027 | .031 | .035 | .038 | .039 | .040 | .039 | .038 | .030 | .021 | .017 | .023 | .024 | .022 | .018 | 23 | .040 |
| 2 | .016 | .016 | .017 | BF | .015 | .011 | .011 | .015 | .025 | .033 | .038 | .041 | .043 | .044 | .045 | .046 | .044 | .040 | .025 | .022 | .026 | .030 | .030 | .026 | 23 | .046 |
| 3 | .024 | .025 | .021 | BF | .019 | .017 | .016 | .023 | .033 | .041 | .044 | .047 | .049 | .050 | .051 | .051 | .049 | .038 | .027 | .021 | .020 | .025 | .026 | .027 | 23 | .051 |
| 4 | .024 | .020 | .018 | BF | .017 | .014 | .012 | BA | .019 | .023 | .033 | .037 | .042 | .044 | .043 | .044 | .044 | .026 | .014 | .012 | .003 | .002 | .006 | .006 | 22 | .044 |
| 5 | .003 | .002 | .003 | BF | .001 | .001 | .001 | .003 | .021 | .035 | .043 | .045 | .046 | .046 | .046 | .044 | .040 | .031 | .016 | .019 | .010 | .010 | .006 | .004 | 23 | .046 |
| 6 | .003 | .003 | .002 | BF | .001 | .001 | .001 | .002 | .018 | .026 | .038 | .043 | .045 | .043 | .041 | .040 | .035 | .029 | .021 | .017 | .011 | .010 | .006 | .005 | 23 | .045 |
| 7 | .003 | .001 | .001 | BF | .001 | .002 | .004 | .007 | .015 | .024 | .027 | .025 | .024 | .024 | .020 | .019 | .015 | .014 | .011 | .011 | .012 | .014 | .014 | .013 | 23 | .027 |
| 8 | .012 | .011 | .009 | BF | .008 | .007 | .007 | .007 | .009 | .010 | .011 | .014 | .014 | .015 | .015 | .013 | .011 | .009 | .009 | .010 | .010 | .010 | .011 | .012 | 23 | .015 |
| 9 | .012 | .013 | .013 | BF | .014 | .013 | .013 | .012 | .011 | .012 | .015 | .018 | .022 | .024 | .025 | .018 | .018 | .011 | .007 | .006 | .005 | .003 | .007 | .010 | 23 | .025 |
| 10 | .009 | .007 | .005 | BF | .002 | .002 | .002 | .003 | .005 | .009 | .015 | .019 | .023 | .026 | .018 | .014 | .017 | .020 | .015 | .015 | .013 | .010 | .008 | .008 | 23 | .026 |
| 11 | .010 | .011 | .009 | BF | .009 | .005 | .004 | .004 | .005 | .006 | .009 | .013 | .016 | .017 | .024 | .027 | .026 | .018 | .010 | .012 | .011 | .007 | .005 | .006 | 23 | .027 |
| 12 | .004 | .003 | .003 | BF | .007 | .006 | .006 | .008 | .011 | .018 | .028 | .027 | .029 | .028 | .029 | .031 | .030 | .028 | .026 | .023 | .023 | .023 | .023 | .024 | 23 | .031 |
| 13 | .024 | .024 | .024 | BF | .023 | .023 | .023 | .024 | .025 | .025 | .029 | .030 | .031 | .032 | .032 | .030 | .029 | .025 | .025 | .024 | .022 | .020 | .018 | .018 | 23 | .032 |
| 14 | .019 | .021 | .022 | BF | .024 | .024 | .024 | .025 | .026 | .027 | .027 | .025 | .025 | .028 | .032 | .034 | .032 | .019 | .009 | .009 | .006 | .004 | .002 | .001 | 23 | .034 |
| 15 | .001 | .004 | .006 | BF | .008 | .010 | .011 | .010 | .014 | .018 | .022 | .026 | .030 | .032 | .034 | .035 | .032 | .023 | .024 | .023 | .019 | .013 | .008 | .014 | 23 | .035 |
| 16 | .016 | .014 | .013 | BF | .014 | .011 | .008 | .010 | .017 | .023 | .021 | .021 | .020 | .024 | .021 | .019 | .019 | .014 | .005 | .004 | .009 | .014 | .017 | .020 | 23 | .024 |
| 17 | .023 | .023 | .021 | BF | .021 | .019 | .019 | .020 | .022 | .025 | .029 | .033 | .035 | .037 | .038 | .038 | .037 | .022 | .013 | .012 | .011 | .011 | .013 | .015 | 23 | .038 |
| 18 | .011 | .009 | .008 | BF | .008 | .007 | .005 | .009 | .021 | .030 | .036 | .038 | .040 | .043 | .044 | .043 | .039 | .025 | .017 | .009 | .006 | .003 | .003 | .005 | 23 | .044 |
| 19 | .006 | .009 | .005 | BF | .008 | .006 | .006 | .008 | .019 | .026 | .036 | .042 | .043 | .045 | .046 | .048 | .043 | .024 | .018 | .014 | .011 | .007 | .008 | .003 | 23 | .048 |
| 20 | .002 | .001 | AN | .001 | .001 | .001 | .002 | .005 | .013 | .031 | .033 | .040 | .051 | .054 | .056 | .056 | .045 | .033 | .026 | .013 | .005 | .005 | .006 | .005 | 23 | .056 |
| 21 | .004 | .005 | .005 | BF | .002 | .001 | .001 | .006 | .019 | .029 | .043 | .053 | .058 | .060 | .059 | .056 | .042 | .031 | .019 | .010 | .008 | .008 | .008 | .006 | 23 | .060 |
| 22 | .007 | .004 | .004 | BF | .003 | .002 | .003 | .010 | .024 | .048 | .054 | .058 | .056 | .053 | .051 | .053 | .048 | .034 | .030 | .036 | .032 | .032 | .025 | .026 | 23 | .058 |
| 23 | .026 | .027 | .025 | BF | .028 | .026 | .026 | .026 | .028 | .032 | .037 | .043 | .044 | .043 | .043 | .041 | .037 | .036 | .032 | .030 | .029 | .026 | .038 | .037 | 23 | .044 |
| 24 | .034 | .028 | .024 | BF | .021 | .020 | .021 | .022 | AZ | .025 | .030 | .035 | .038 | .041 | .041 | .041 | .037 | .022 | .014 | .010 | .008 | .005 | .021 | .026 | 22 | .041 |
| 25 | .024 | .022 | .016 | BF | .019 | .016 | .013 | .015 | .028 | .031 | .036 | .040 | .043 | .045 | .045 | .044 | .041 | .028 | .022 | .019 | .012 | .026 | .025 | .026 | 23 | .045 |
| 26 | .024 | .021 | .019 | BF | .016 | .016 | .015 | .017 | .021 | .027 | .029 | .033 | .037 | .040 | .042 | .043 | .039 | .027 | .020 | .015 | .012 | .008 | .006 | .006 | 23 | .043 |
| 27 | .005 | .003 | .004 | BF | .002 | .002 | .001 | .002 | .013 | .023 | .035 | .045 | .048 | .050 | .049 | .048 | .044 | .035 | .032 | .035 | .040 | .030 | .025 | .025 | 23 | .050 |
| 28 | .018 | .013 | .009 | BF | .006 | .006 | .004 | .013 | .027 | .030 | .039 | .041 | .041 | .033 | .042 | .042 | .037 | .026 | .020 | .025 | .029 | .030 | .026 | .023 | 23 | .042 |
| 29 | .022 | .028 | .026 | BF | .019 | .021 | .020 | .020 | .019 | .020 | .020 | .021 | .024 | .027 | .030 | .026 | .020 | .019 | .018 | .019 | .019 | .019 | .021 | .021 | 23 | .030 |
| 30 | .021 | .021 | .021 | BF | .020 | .019 | .017 | .019 | .022 | .025 | .026 | .029 | .032 | .034 | .036 | .037 | .032 | .021 | .016 | .012 | .010 | .007 | .006 | .006 | 23 | .037 |
| 31 | .007 | .007 | .007 | BF | .005 | .003 | .002 | .005 | .015 | .021 | .025 | .032 | .038 | .044 | .048 | .046 | .035 | .027 | .022 | .014 | .004 | .002 | .001 | .005 | 23 | .048 |
| NO.: | 31 | 31 | 30 | 1 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .034 | .028 | .026 | .001 | .028 | .026 | .026 | .026 | .033 | .048 | .054 | .058 | .058 | .060 | .059 | .056 | .049 | .040 | .032 | .036 | .040 | .032 | .038 | .037 | | |
| AVG: | .0141 | .0135 | .0127 | .0010 | .0117 | .0107 | .0102 | .0124 | .0190 | .0252 | .0303 | .0338 | .0363 | .0376 | .0383 | .0376 | .0340 | .0253 | .0188 | .0167 | .0148 | .0141 | .0142 | .0144 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0216 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-101-0002 POC: 1
 COUNTY: (101) Johnston
 CITY: (00000) Not in a city
 SITE ADDRESS: 1338 JACK ROAD
 SITE COMMENTS: Upwind site for Raleigh
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.590833
 LONGITUDE: -78.461944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 127
 PROBE HEIGHT: 3.76

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .005 | .003 | .003 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .005 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .005 | .003 | .003 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0050 | .0030 | .0030 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0037 MONTHLY MAX: .005

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .032 | .032 | .032 | BF | .033 | .034 | .033 | .029 | .028 | .028 | .028 | .029 | .030 | .031 | .030 | .025 | .022 | .019 | .021 | .022 | .024 | .025 | .026 | .027 | 23 | .034 |
| 2 | .027 | .027 | .026 | BF | .023 | .021 | .019 | .017 | .016 | .016 | .017 | .017 | .017 | .018 | .017 | .016 | .016 | .015 | .015 | .017 | .017 | .016 | .016 | .015 | 23 | .027 |
| 3 | .014 | .014 | .013 | BF | .014 | .014 | .013 | .011 | .010 | .011 | .011 | .011 | .011 | .010 | .009 | .009 | .011 | .014 | .016 | .017 | .017 | .017 | .014 | .015 | 23 | .017 |
| 4 | .018 | .017 | .016 | BF | .017 | .017 | .016 | .015 | .015 | .015 | .019 | .025 | .029 | .032 | .030 | .031 | .029 | .028 | .027 | .028 | .028 | .025 | .028 | .026 | 23 | .032 |
| 5 | .027 | .026 | .027 | BF | .023 | .015 | .014 | .011 | .016 | .023 | .026 | .027 | .031 | .026 | .025 | .027 | .024 | .021 | .018 | .015 | .015 | .016 | .014 | .012 | 23 | .031 |
| 6 | .012 | .013 | .014 | BF | .010 | .011 | .015 | .014 | .011 | .016 | .024 | .026 | .027 | .027 | .027 | .027 | .024 | .022 | .025 | .024 | .024 | .022 | .022 | .021 | 23 | .027 |
| 7 | .020 | .021 | .021 | BF | .022 | .023 | .024 | .023 | .022 | .027 | .028 | .032 | .031 | .032 | .031 | .030 | .031 | .033 | .035 | .033 | .032 | .030 | .030 | .032 | 23 | .035 |
| 8 | .034 | .032 | .032 | BJ | .028 | .029 | .030 | .028 | .029 | .033 | .034 | .035 | .034 | .035 | .037 | .039 | .038 | .038 | .034 | .031 | .032 | .031 | .027 | .022 | 23 | .039 |
| 9 | .024 | .027 | .027 | BJ | .021 | .017 | .015 | .014 | .019 | .026 | .032 | .033 | .034 | .035 | .036 | .035 | .032 | .027 | .025 | .023 | .022 | .022 | .020 | .021 | 23 | .036 |
| 10 | .026 | .026 | .026 | BJ | .022 | .020 | .019 | .019 | .022 | .026 | .032 | .036 | .037 | .037 | .039 | .039 | .038 | .034 | .034 | .031 | .029 | .029 | .028 | .027 | 23 | .039 |
| 11 | .026 | .023 | .023 | BJ | .013 | .011 | .010 | .007 | .011 | .014 | .015 | .023 | BA | .025 | .026 | .028 | .029 | .023 | .023 | .025 | .029 | .029 | .030 | .029 | 22 | .030 |
| 12 | .029 | .029 | .029 | BF | .026 | .025 | .023 | .022 | .025 | .029 | .033 | .042 | BA | .040 | .041 | .042 | .041 | .039 | .039 | .038 | .038 | .039 | .038 | .037 | 22 | .042 |
| 13 | .037 | .036 | .034 | BF | .030 | .029 | .029 | .028 | .028 | .029 | .030 | .033 | .037 | .041 | .042 | .043 | .042 | .034 | .032 | .027 | .026 | .026 | .024 | .031 | 23 | .043 |
| 14 | .030 | .028 | .031 | BF | .026 | .024 | .025 | .027 | .026 | .028 | .030 | .030 | .030 | .031 | .031 | .031 | .027 | .021 | .017 | .020 | .020 | .022 | .024 | .023 | 23 | .028 |
| 15 | .023 | .019 | .021 | BF | .016 | .010 | .009 | .010 | .015 | .015 | .017 | .019 | .021 | .025 | .027 | .028 | .027 | .025 | .021 | .023 | .024 | .024 | .024 | .023 | 23 | .028 |
| 16 | .023 | .021 | .022 | BF | .027 | .026 | .030 | .032 | .028 | .029 | .030 | .032 | .034 | .034 | .033 | .031 | .032 | .030 | .026 | .023 | .020 | .018 | .014 | .014 | 23 | .034 |
| 17 | .013 | .018 | .012 | BF | .010 | .008 | .008 | .008 | .011 | .014 | .017 | .020 | .025 | .029 | .029 | .030 | .029 | .029 | .027 | .026 | .025 | .024 | .025 | .025 | 23 | .030 |
| 18 | .030 | .031 | .030 | BF | .029 | .029 | .028 | .026 | .025 | .024 | .026 | .034 | .041 | .042 | .042 | .043 | .043 | .040 | .038 | .036 | .033 | .031 | .029 | .027 | 23 | .043 |
| 19 | .024 | .023 | .020 | BF | .014 | .012 | .011 | .011 | .009 | .014 | .017 | .020 | .024 | .030 | .033 | .036 | .034 | .029 | .026 | .027 | .027 | .028 | .027 | .021 | 23 | .036 |
| 20 | .020 | .022 | .023 | BF | .020 | .020 | .018 | .018 | .019 | .019 | .021 | .022 | .025 | .024 | .026 | .025 | .024 | .020 | .015 | .016 | .014 | .012 | .008 | .006 | 23 | .026 |
| 21 | .007 | .006 | .004 | BF | .006 | .006 | .005 | .007 | .008 | .009 | .010 | .010 | .010 | .010 | .010 | .009 | .008 | .008 | .008 | .008 | .009 | .009 | .009 | .009 | 23 | .010 |
| 22 | .006 | .005 | .005 | BF | .007 | .007 | .007 | .007 | .006 | .007 | .008 | .008 | .010 | .011 | .011 | .009 | .010 | .010 | .010 | .010 | .011 | .014 | .014 | .012 | 23 | .014 |
| 23 | .014 | .017 | .019 | BF | .017 | .015 | .031 | .037 | .038 | .038 | .038 | .040 | .040 | .041 | .040 | .039 | .040 | .037 | .029 | .025 | .025 | .025 | .024 | .023 | 23 | .041 |
| 24 | .025 | .024 | .022 | BF | .018 | .016 | .014 | .014 | .016 | .017 | .017 | .020 | .023 | .029 | .032 | .034 | .036 | .034 | .032 | .030 | .029 | .028 | .028 | .026 | 23 | .036 |
| 25 | .024 | .023 | .023 | BF | .020 | .014 | .006 | .006 | .005 | .024 | .029 | .034 | .040 | .040 | .040 | .042 | .042 | .040 | .038 | .040 | .041 | .039 | .038 | .038 | 23 | .042 |
| 26 | .038 | .037 | .038 | BF | .038 | .037 | .035 | .034 | .032 | .032 | .033 | .037 | .043 | .048 | .049 | .048 | .047 | AV | 16 | .049 |
| 27 | .030 | .030 | .029 | BF | .026 | .027 | .025 | .024 | .024 | .026 | .030 | .034 | .036 | .038 | .036 | .035 | .036 | .034 | .033 | .032 | .032 | .030 | .029 | 23 | .038 | |
| 28 | .028 | .027 | .027 | BF | .027 | .028 | .029 | .027 | .027 | .030 | .033 | .037 | .040 | .042 | .043 | .044 | .045 | .044 | .040 | .041 | .040 | .040 | .039 | .040 | 23 | .045 |
| 29 | .041 | .039 | .037 | BF | .036 | .035 | .034 | .034 | .033 | .034 | .035 | .039 | .043 | .044 | .044 | .045 | .044 | .043 | .040 | .040 | .040 | .042 | .042 | .040 | 23 | .045 |
| 30 | .038 | .035 | .035 | BF | .035 | .035 | .032 | .032 | .032 | .035 | .037 | .037 | .039 | .041 | .043 | .044 | .044 | .043 | .040 | .039 | .040 | .037 | .035 | .029 | 23 | .044 |
| 31 | .028 | .033 | .033 | BF | .033 | .032 | .032 | .033 | .036 | .038 | .039 | BA | BA | .049 | .050 | .052 | .052 | .051 | .050 | .050 | .050 | .050 | .049 | .048 | 21 | .052 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 28 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .041 | .039 | .038 | | .038 | .037 | .035 | .037 | .038 | .038 | .039 | .042 | .043 | .049 | .050 | .052 | .052 | .051 | .050 | .050 | .050 | .050 | .049 | .048 | | |
| AVG: | .0248 | .0245 | .0242 | | .0222 | .0209 | .0206 | .0202 | .0207 | .0234 | .0257 | .0281 | .0301 | .0321 | .0327 | .0328 | .0323 | .0297 | .0280 | .0271 | .0271 | .0267 | .0258 | .0250 | | |

MONTHLY OBSERVATIONS: 702 MONTHLY MEAN: .0263 MONTHLY MAX: .052

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .047 | .047 | .047 | BF | .045 | .042 | .027 | .026 | .024 | .036 | .044 | .050 | .054 | .057 | .057 | .059 | .056 | .053 | .050 | .048 | .048 | .047 | .041 | .032 | 23 | .059 | | |
| 2 | .029 | .026 | .022 | BF | .017 | .015 | .010 | .007 | .011 | .019 | .027 | .037 | .045 | .046 | .048 | .049 | .047 | .042 | .040 | .036 | .033 | .027 | .024 | .031 | 23 | .049 | | |
| 3 | .032 | .035 | .036 | BF | .039 | .037 | .035 | .031 | .027 | .026 | .026 | .028 | .028 | .028 | .030 | .028 | .027 | .028 | .028 | .027 | .026 | .024 | .032 | .037 | 23 | .039 | | |
| 4 | .038 | .036 | .035 | BF | .034 | .033 | .033 | .033 | .033 | .034 | .035 | .036 | .038 | .039 | .040 | .040 | .041 | .038 | .036 | .032 | .034 | .035 | .037 | .059 | 23 | .059 | | |
| 5 | .031 | .023 | .031 | BF | .028 | .022 | .021 | .023 | .026 | .034 | .041 | .044 | .046 | .046 | .046 | .046 | .048 | .046 | .045 | .044 | .044 | .042 | .039 | .037 | 23 | .048 | | |
| 6 | .036 | .030 | .026 | BF | .026 | .029 | .020 | .016 | .014 | .028 | .035 | .042 | .045 | .047 | .050 | .050 | .048 | .048 | .048 | .045 | .044 | .042 | .042 | .041 | 23 | .050 | | |
| 7 | .039 | .037 | .035 | BF | .033 | .032 | .031 | .030 | .029 | .031 | .034 | .038 | .042 | .043 | .045 | .044 | .043 | .042 | .042 | .041 | .038 | .036 | .036 | .036 | 23 | .045 | | |
| 8 | .032 | .030 | .030 | BF | .029 | .023 | .019 | .015 | .023 | .028 | .030 | .034 | .037 | .040 | .041 | .041 | .039 | .037 | .035 | .032 | .030 | .029 | .028 | .026 | 23 | .041 | | |
| 9 | .024 | .026 | .026 | BF | .035 | .033 | .033 | .028 | .024 | .029 | .032 | .037 | .040 | .043 | .044 | .043 | .045 | .044 | .042 | .041 | .038 | .039 | .038 | .037 | 23 | .045 | | |
| 10 | .035 | .032 | .030 | BF | .023 | .023 | .019 | .016 | .027 | .032 | .037 | .040 | .041 | .044 | .047 | .045 | .045 | .042 | .040 | .040 | .040 | .040 | .039 | .038 | 23 | .047 | | |
| 11 | .037 | .037 | .038 | BF | .039 | .040 | .038 | .037 | .037 | .039 | .043 | .044 | .047 | .048 | .048 | .048 | .048 | .045 | .042 | .040 | .038 | .038 | .037 | .035 | 23 | .048 | | |
| 12 | .035 | .035 | .035 | BF | .041 | .042 | .041 | .039 | .038 | .037 | .037 | .038 | .038 | .039 | .038 | .037 | .036 | .035 | .032 | .031 | .030 | .028 | .033 | .042 | 23 | .042 | | |
| 13 | .046 | .046 | .046 | BF | .043 | .045 | .044 | .043 | .042 | .042 | .043 | .044 | .046 | .048 | .049 | .049 | .049 | .047 | .045 | .042 | .037 | .039 | .033 | .035 | 23 | .049 | | |
| 14 | .032 | .028 | .036 | BF | .024 | .020 | .012 | .015 | .019 | .035 | .041 | .044 | .050 | .058 | .060 | .059 | .061 | .061 | .053 | .048 | .045 | .043 | .046 | .044 | 23 | .061 | | |
| 15 | .043 | .043 | .041 | BF | .040 | .038 | .035 | .033 | .031 | .031 | .030 | .031 | .032 | .035 | .042 | .045 | .046 | .045 | .044 | .043 | .042 | .041 | .041 | .039 | 23 | .046 | | |
| 16 | .041 | .040 | .040 | BF | .038 | .038 | .036 | .033 | .033 | .035 | BA | BA | .045 | .045 | .046 | .047 | .047 | .046 | .044 | .042 | .043 | .041 | .040 | .037 | 21 | .047 | | |
| 17 | .034 | .034 | .024 | BF | .029 | .021 | .024 | .018 | .030 | .039 | .040 | .043 | .045 | .048 | .050 | .051 | .051 | .050 | .047 | .048 | .046 | .045 | .045 | .045 | 23 | .051 | | |
| 18 | .044 | .044 | .043 | BF | .041 | .038 | .032 | .032 | .033 | .036 | .042 | .049 | .052 | .053 | .054 | .053 | .051 | .049 | .048 | .048 | .047 | .046 | .046 | .045 | 23 | .054 | | |
| 19 | .044 | .044 | .043 | BF | .035 | .031 | .028 | .026 | .027 | .033 | .042 | .045 | .047 | .048 | .049 | .050 | .050 | .049 | .049 | .048 | .045 | .045 | .043 | .042 | 23 | .050 | | |
| 20 | .040 | .041 | .036 | BF | .031 | .032 | .030 | .020 | .022 | .033 | .040 | .046 | .052 | .055 | .057 | .057 | .055 | .052 | .045 | .042 | .041 | .039 | .040 | .042 | 23 | .057 | | |
| 21 | .040 | .042 | .041 | BF | .039 | .038 | .034 | .025 | .027 | .036 | .040 | .043 | .047 | .050 | .051 | .051 | .050 | .049 | .045 | .037 | .032 | .034 | .035 | .036 | 23 | .051 | | |
| 22 | .037 | .033 | .031 | BF | .031 | .031 | .026 | .017 | .024 | .034 | .041 | .046 | .049 | .050 | .050 | .050 | .048 | .043 | .039 | .037 | .035 | .036 | .041 | .040 | 23 | .050 | | |
| 23 | .036 | .034 | .026 | BF | .018 | .015 | .011 | .008 | .015 | .033 | .047 | .047 | .048 | .048 | .049 | .048 | .048 | .041 | .037 | .036 | .031 | .034 | .036 | .033 | 23 | .049 | | |
| 24 | .033 | .027 | .019 | BF | .014 | .012 | .004 | .006 | .009 | .028 | .039 | .044 | .045 | .045 | .044 | .045 | .045 | .044 | .040 | .038 | .033 | .033 | .030 | .028 | 23 | .045 | | |
| 25 | .029 | .030 | .030 | BF | .026 | .025 | .024 | .025 | .028 | .034 | .036 | .040 | .040 | .041 | .044 | .044 | .045 | .049 | .052 | .048 | .047 | .046 | .043 | .042 | 23 | .052 | | |
| 26 | .043 | .042 | .043 | BF | .039 | .038 | .035 | .035 | .036 | .038 | .041 | .043 | .045 | .046 | .047 | .047 | .047 | .046 | .035 | .036 | .029 | .035 | .037 | .037 | 23 | .047 | | |
| 27 | .036 | .040 | .039 | BF | .027 | .025 | .015 | .008 | .019 | .040 | .045 | BA | BA | .050 | .051 | .050 | .050 | .049 | .046 | .041 | .038 | .035 | .033 | .031 | 21 | .051 | | |
| 28 | .031 | .038 | .037 | BF | .032 | .031 | .024 | .020 | .034 | .040 | .045 | .047 | .047 | .047 | .048 | .047 | .045 | .044 | .040 | .039 | .038 | .039 | .037 | .034 | 23 | .048 | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 28 | 28 | 28 | | 28 | 28 | 28 | 28 | 28 | 28 | 27 | 26 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | | | |
| MAX: | .047 | .047 | .047 | | .045 | .045 | .044 | .043 | .042 | .042 | .047 | .050 | .054 | .058 | .060 | .059 | .061 | .061 | .053 | .048 | .048 | .047 | .046 | .059 | | | | |
| AVG: | .0366 | .0357 | .0345 | | .0320 | .0303 | .0265 | .0238 | .0265 | .0336 | .0383 | .0415 | .0441 | .0460 | .0473 | .0473 | .0468 | .0451 | .0425 | .0404 | .0383 | .0378 | .0376 | .0379 | | | | |

MONTHLY OBSERVATIONS: 640 MONTHLY MEAN: .0378 MONTHLY MAX: .061

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .031 | .029 | .026 | BF | AK | AK | 3 | .031 |
| 2 | AK | AK | AK | AK | AK | AK | AK | AK | AK | AK | BA | AY | .043 | .044 | .046 | .047 | .046 | .045 | .043 | .044 | .040 | .038 | .039 | .037 | 12 | .047 | |
| 3 | .033 | .032 | .028 | BF | .031 | .025 | .028 | .028 | .033 | .035 | .040 | .044 | .045 | .047 | .048 | .048 | .048 | .047 | .044 | .041 | .040 | .038 | .033 | .035 | 23 | .048 | |
| 4 | .032 | .030 | .028 | BF | .030 | .021 | .018 | .024 | .029 | .036 | .040 | .042 | .043 | .045 | .046 | .047 | .048 | .045 | .039 | .034 | .032 | .030 | .028 | .024 | 23 | .048 | |
| 5 | .021 | .018 | .012 | BF | .017 | .024 | .030 | .033 | .037 | .039 | .040 | .042 | .044 | .047 | .048 | .048 | .049 | .045 | .038 | .034 | .036 | .036 | .038 | .038 | 23 | .049 | |
| 6 | .037 | .036 | .036 | BF | .025 | .017 | .011 | .008 | .019 | .024 | .040 | .043 | .045 | .049 | .052 | .052 | .051 | .047 | .041 | .046 | .047 | .044 | .045 | .045 | 23 | .052 | |
| 7 | .044 | .045 | .045 | BF | .043 | .042 | .040 | .039 | .041 | .046 | .049 | .051 | .052 | .054 | .052 | .052 | .055 | .055 | .050 | .046 | .043 | .042 | .042 | .040 | 23 | .055 | |
| 8 | .038 | .039 | .038 | BF | .036 | .035 | .034 | .038 | .034 | .035 | .040 | .047 | .049 | .053 | .054 | .054 | .054 | .053 | .049 | .049 | .049 | .048 | .048 | .047 | 23 | .054 | |
| 9 | .046 | .043 | .042 | BF | .041 | .037 | .032 | .024 | .029 | .037 | .045 | .050 | .051 | .052 | .054 | .055 | .056 | .055 | .054 | .053 | .053 | .052 | .051 | .052 | 23 | .056 | |
| 10 | .052 | .050 | .049 | BF | .047 | .047 | .047 | .043 | .036 | .040 | .043 | .047 | .049 | .045 | .049 | .050 | .050 | .048 | .045 | .047 | .045 | .044 | .042 | .040 | 23 | .052 | |
| 11 | .037 | .035 | .033 | BF | .034 | .035 | .027 | .029 | .036 | .039 | .044 | .042 | .043 | .044 | .046 | .047 | .048 | .048 | .044 | .034 | .030 | .030 | .026 | .029 | 23 | .048 | |
| 12 | .034 | .037 | .039 | BF | .041 | .043 | .041 | .038 | .037 | .038 | .038 | .039 | .041 | .044 | .046 | .046 | .047 | .046 | .046 | .041 | .034 | .036 | .035 | .030 | .025 | 23 | .047 |
| 13 | .020 | .018 | .017 | BF | .017 | .015 | .017 | .023 | .030 | .036 | .038 | .039 | .037 | .036 | .037 | .037 | .036 | .035 | .034 | .034 | .033 | .033 | .033 | .034 | 23 | .039 | |
| 14 | .035 | .035 | .034 | BF | .036 | .036 | .035 | .033 | .032 | .031 | .034 | .037 | .039 | .039 | .041 | .039 | .039 | .040 | .040 | .038 | .039 | .038 | .040 | .040 | 23 | .041 | |
| 15 | .042 | .042 | .042 | AN | .040 | .039 | .038 | .040 | .041 | .043 | .044 | .045 | .045 | .047 | .047 | .048 | .048 | .047 | .046 | .044 | .042 | .041 | .040 | .039 | 23 | .048 | |
| 16 | .038 | .038 | .038 | BF | .036 | .036 | .034 | AZ | AZ | .040 | .041 | .044 | .047 | .049 | .050 | .052 | .052 | .051 | .049 | .046 | .045 | .046 | .043 | .039 | 21 | .052 | |
| 17 | .038 | .032 | .033 | AN | .033 | .030 | .019 | .021 | .032 | .045 | .047 | .050 | .053 | .054 | .059 | .059 | .059 | .056 | .053 | .052 | .053 | .054 | .053 | .051 | 23 | .059 | |
| 18 | .047 | .039 | .044 | BF | .043 | .040 | .038 | .039 | .040 | .040 | .040 | .040 | .041 | .043 | .048 | .050 | .050 | .045 | .043 | .040 | .040 | .037 | .038 | .036 | 23 | .050 | |
| 19 | .035 | .034 | .033 | BF | .028 | .025 | .022 | .022 | .025 | .029 | .032 | .034 | .037 | .038 | .040 | .041 | .042 | .043 | .041 | .034 | .034 | .028 | .027 | .023 | 23 | .043 | |
| 20 | .026 | .026 | .027 | BF | .021 | .020 | .012 | .016 | .025 | .032 | .037 | .040 | .043 | .045 | .047 | .048 | .050 | .051 | .049 | .047 | .040 | .039 | .044 | .044 | 23 | .051 | |
| 21 | .042 | .043 | .042 | BF | .039 | .039 | .038 | .037 | .039 | .043 | .049 | .053 | .057 | .057 | .057 | .057 | .059 | .058 | .051 | .048 | .047 | .046 | .048 | .046 | 23 | .059 | |
| 22 | .041 | .036 | .030 | BF | .037 | .039 | .039 | .039 | .040 | .042 | .044 | .045 | .047 | .049 | .051 | .052 | .053 | .053 | .053 | .050 | .046 | .045 | .045 | .044 | 23 | .053 | |
| 23 | .042 | .039 | .032 | BF | .033 | .029 | BA | .032 | .040 | .042 | .045 | .047 | .048 | .051 | .053 | .054 | .054 | .052 | .047 | .045 | .043 | .042 | .044 | .042 | 22 | .054 | |
| 24 | .042 | .042 | .041 | BF | .034 | .035 | .027 | .035 | .042 | .045 | .056 | .051 | .050 | .050 | .052 | .052 | .052 | .051 | .048 | .049 | .047 | .046 | .044 | .043 | 23 | .056 | |
| 25 | .043 | .043 | .042 | BF | .037 | .035 | .033 | .033 | .037 | .044 | .046 | .047 | .047 | .047 | .047 | .048 | .049 | .047 | .044 | .040 | .038 | .038 | .039 | 23 | .049 | | |
| 26 | .037 | .036 | .035 | BF | .025 | .018 | .022 | .019 | .032 | .038 | .042 | .045 | .047 | .049 | .047 | .047 | .047 | .046 | .044 | .039 | .043 | .044 | .042 | .041 | 23 | .049 | |
| 27 | .039 | .039 | .039 | AN | .032 | .023 | .023 | .016 | .024 | .035 | .039 | BA | BA | .044 | .045 | .045 | .047 | .047 | .045 | .041 | .041 | .041 | .040 | .037 | 21 | .047 | |
| 28 | .036 | .036 | .036 | AN | .035 | .031 | .027 | .024 | BA | BA | .033 | .038 | .041 | .046 | .046 | .052 | .056 | .054 | .051 | .047 | .048 | .046 | .046 | .044 | 21 | .056 | |
| 29 | .041 | .041 | .040 | BF | .038 | .030 | .032 | .033 | .036 | .040 | .045 | .048 | .050 | .052 | .053 | .054 | .053 | .053 | .049 | .042 | .042 | .041 | .040 | .038 | 23 | .054 | |
| 30 | .036 | .037 | .035 | BF | .033 | .033 | .033 | .033 | .033 | .035 | .036 | .038 | .040 | .043 | .050 | .051 | .047 | .045 | .042 | .046 | .046 | .046 | .046 | .044 | 23 | .051 | |
| 31 | .044 | .043 | .042 | BF | .037 | .037 | .037 | .036 | .036 | .036 | .041 | .044 | .044 | .047 | .050 | .051 | .051 | .052 | .045 | .042 | .040 | .038 | .036 | .034 | 23 | .052 | |
| NO.: | 30 | 30 | 30 | | 29 | 29 | 28 | 28 | 27 | 28 | 29 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .052 | .050 | .049 | | .047 | .047 | .047 | .043 | .042 | .046 | .056 | .053 | .057 | .057 | .059 | .059 | .059 | .058 | .054 | .053 | .053 | .054 | .053 | .052 | | | |
| AVG: | .0376 | .0364 | .0353 | | .0338 | .0316 | .0298 | .0298 | .0339 | .0380 | .0417 | .0440 | .0454 | .0470 | .0487 | .0494 | .0498 | .0487 | .0455 | .0430 | .0420 | .0409 | .0403 | .0390 | | | |

MONTHLY OBSERVATIONS: 675 MONTHLY MEAN: .0406 MONTHLY MAX: .059

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .032 | .031 | .029 | BF | .026 | .024 | .022 | .023 | .031 | .035 | .039 | .042 | .045 | .047 | .049 | .050 | .051 | .051 | .048 | .046 | .043 | .040 | .034 | .033 | 23 | .051 | |
| 2 | .035 | .034 | .032 | BF | .031 | .029 | .027 | .026 | .030 | .033 | .036 | .039 | .043 | .045 | .049 | .046 | .045 | .044 | .041 | .033 | .039 | .040 | .040 | .038 | 23 | .049 | |
| 3 | .035 | .035 | .036 | BF | .036 | .036 | .035 | .036 | .036 | .039 | .042 | .045 | .047 | .048 | .049 | .047 | .042 | .041 | .037 | .039 | .038 | .039 | .038 | .036 | 23 | .049 | |
| 4 | .035 | .033 | .031 | BF | .031 | .030 | .029 | .028 | .030 | .033 | .037 | .042 | .047 | .049 | .048 | .051 | .051 | .051 | .050 | .045 | .045 | .047 | .047 | .047 | 23 | .051 | |
| 5 | .045 | .042 | .034 | BF | .024 | .014 | .012 | .019 | .030 | .033 | .039 | .040 | .039 | .035 | .029 | .031 | .032 | .034 | .035 | .039 | .039 | .039 | .036 | .032 | 23 | .045 | |
| 6 | .024 | .025 | .026 | BF | .024 | .023 | .025 | .027 | .032 | .037 | .039 | .040 | .042 | .043 | .043 | .042 | .041 | .040 | .038 | .038 | .038 | .038 | .038 | .038 | 23 | .043 | |
| 7 | .038 | .039 | .039 | BF | .037 | .036 | .035 | .035 | .038 | .041 | .041 | .043 | .046 | .048 | .048 | .049 | .048 | .045 | .042 | .041 | .039 | .037 | .037 | .036 | 23 | .049 | |
| 8 | .033 | .026 | .028 | BF | .021 | .026 | .027 | .028 | .034 | .043 | .049 | .051 | .052 | .055 | .057 | .059 | .059 | .058 | .053 | .042 | .038 | .037 | .040 | .033 | 23 | .059 | |
| 9 | .026 | .023 | .023 | BF | .021 | .010 | .012 | .023 | .038 | .043 | .051 | .059 | .060 | .060 | .060 | .059 | .060 | .061 | .059 | .055 | .053 | .052 | .051 | .052 | 23 | .061 | |
| 10 | .051 | .050 | .050 | BF | .051 | .047 | .041 | .042 | .051 | .054 | .056 | .056 | .056 | .058 | .062 | .058 | .057 | .055 | .052 | .048 | .048 | .047 | .045 | .045 | 23 | .062 | |
| 11 | .043 | .041 | .040 | BF | .038 | .035 | .033 | .036 | .041 | .046 | .048 | .049 | .051 | .052 | .052 | .052 | .052 | .052 | .051 | .049 | .046 | .042 | .040 | .038 | 23 | .052 | |
| 12 | .038 | .037 | .037 | BF | .034 | .031 | .029 | .032 | .036 | .039 | .044 | .047 | .050 | .052 | .053 | .052 | .051 | .051 | .046 | .041 | .036 | .032 | .031 | .022 | 23 | .053 | |
| 13 | .019 | .023 | .019 | BF | .014 | .009 | .020 | .023 | .033 | .041 | .050 | .053 | .055 | .056 | .056 | .057 | .057 | .057 | .052 | .043 | .047 | .045 | .043 | .040 | 23 | .057 | |
| 14 | .038 | .041 | .041 | BF | .028 | .025 | .025 | .028 | .031 | .039 | .042 | .045 | .046 | .048 | .050 | .052 | .051 | .054 | .047 | .039 | .043 | .047 | .045 | .040 | 23 | .054 | |
| 15 | .036 | .034 | .034 | BF | .025 | .019 | .022 | .025 | .034 | .040 | .045 | .047 | .050 | .050 | .051 | .053 | .052 | .054 | .052 | .051 | .052 | .051 | .052 | .049 | .048 | 23 | .054 |
| 16 | .047 | .046 | .045 | BF | .044 | .042 | .040 | .040 | .043 | .048 | .049 | .050 | .053 | .053 | .053 | .053 | .053 | .052 | .051 | .047 | .047 | .049 | .049 | .048 | 23 | .053 | |
| 17 | .046 | .046 | .045 | BF | .045 | .044 | .043 | .044 | .046 | .050 | .049 | .050 | .051 | .051 | .050 | .050 | .050 | .047 | .045 | .037 | .033 | .022 | .018 | .015 | 23 | .051 | |
| 18 | .012 | .010 | .011 | BF | .021 | .020 | .021 | .028 | .033 | .039 | .041 | .042 | .044 | .044 | .046 | .047 | .047 | .046 | .047 | .045 | .046 | .046 | .045 | .045 | 23 | .047 | |
| 19 | .044 | .043 | .040 | BF | .036 | .032 | BA | .026 | .026 | .028 | .029 | .030 | .032 | .037 | .038 | .038 | .038 | .032 | .025 | .016 | .016 | .013 | .012 | 22 | .044 | | |
| 20 | .010 | .006 | .005 | BF | .004 | .004 | .006 | .010 | .022 | .026 | .033 | .039 | .041 | .043 | .044 | .046 | .050 | .049 | .045 | .039 | .041 | .040 | .038 | .036 | 23 | .050 | |
| 21 | .034 | .031 | .029 | BF | .031 | .028 | .024 | .025 | .029 | .036 | .045 | .048 | .049 | .050 | .049 | .050 | .052 | .050 | .041 | .036 | .033 | .037 | .039 | .031 | 23 | .052 | |
| 22 | .034 | .033 | .025 | BF | .027 | .027 | .026 | .027 | .031 | .035 | .040 | .044 | .046 | .047 | AV | .043 | .048 | .049 | .044 | .039 | .034 | .027 | .020 | .018 | 22 | .049 | |
| 23 | .018 | .018 | .018 | BF | .018 | .020 | .021 | .023 | .023 | .022 | .020 | .019 | .020 | .019 | .020 | .024 | .023 | .024 | .023 | .022 | .021 | .024 | .025 | .026 | 23 | .026 | |
| 24 | .026 | .025 | .024 | BF | .023 | .023 | .023 | .022 | .020 | .020 | .019 | .018 | .019 | .019 | .018 | .018 | .018 | .018 | .017 | .018 | .017 | .017 | .024 | .025 | 23 | .026 | |
| 25 | .023 | .024 | .026 | BF | .026 | .025 | .023 | .022 | .020 | .021 | .023 | .025 | .027 | .027 | .027 | .030 | .029 | .028 | .025 | .026 | .024 | .024 | .020 | .018 | 23 | .030 | |
| 26 | .013 | .012 | .010 | BF | .007 | .008 | .007 | .011 | .020 | .025 | .032 | .036 | .039 | .041 | .042 | .041 | .041 | .042 | .033 | .024 | .026 | .030 | .033 | .034 | 23 | .042 | |
| 27 | .036 | .040 | .042 | BF | .038 | .035 | .038 | .039 | .040 | .045 | .052 | .055 | .057 | .055 | .050 | .047 | .043 | .039 | .036 | .034 | .034 | .034 | .034 | .035 | 23 | .057 | |
| 28 | .035 | .034 | .033 | BF | .027 | .024 | .021 | .026 | .029 | .031 | .033 | .035 | .044 | .051 | .047 | .041 | .040 | .039 | .036 | .034 | .037 | .037 | .034 | .031 | 23 | .051 | |
| 29 | .029 | .028 | .026 | BF | .022 | .021 | .022 | .023 | .025 | .028 | .031 | .034 | .037 | .038 | .037 | .034 | .035 | .033 | .029 | .024 | .023 | .021 | .017 | .018 | 23 | .038 | |
| 30 | .019 | .019 | .019 | BF | .019 | .019 | .017 | .018 | .021 | .023 | .024 | .024 | .025 | .025 | .026 | .025 | .025 | .022 | .016 | .010 | .016 | .022 | .021 | .021 | 23 | .026 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .051 | .050 | .050 | | .051 | .047 | .043 | .044 | .051 | .054 | .056 | .059 | .060 | .060 | .062 | .059 | .060 | .061 | .059 | .055 | .053 | .052 | .051 | .052 | | | |
| AVG: | .0318 | .0310 | .0299 | | .0276 | .0255 | .0250 | .0272 | .0318 | .0358 | .0393 | .0416 | .0437 | .0447 | .0450 | .0448 | .0448 | .0442 | .0409 | .0370 | .0365 | .0361 | .0348 | .0330 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0362 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .022 | .022 | .022 | BF | .021 | .022 | .021 | .022 | .024 | .025 | .026 | .028 | .030 | .031 | .032 | .031 | .032 | .032 | .031 | .028 | .022 | .025 | .027 | .028 | 23 | .032 |
| 2 | .028 | .026 | .027 | BF | .025 | .022 | .025 | .033 | .040 | .044 | .047 | .049 | .052 | .053 | .055 | .055 | .054 | .053 | .048 | .042 | .041 | .042 | .042 | .041 | 23 | .055 |
| 3 | .041 | .038 | .035 | BF | .026 | .024 | .023 | .026 | .034 | .044 | .049 | .052 | .053 | .054 | .055 | .055 | .053 | .039 | .029 | .027 | .028 | .037 | .042 | 23 | .055 | |
| 4 | .042 | .041 | .042 | BF | .044 | .042 | .040 | .041 | .044 | .048 | .052 | .055 | .053 | .055 | .052 | .051 | .051 | .048 | .046 | .044 | .044 | .040 | .033 | .026 | 23 | .055 |
| 5 | .021 | .020 | .020 | BF | .042 | .031 | .027 | .028 | .032 | .034 | .038 | .040 | .044 | .045 | .044 | .043 | .043 | .044 | .040 | .038 | .035 | .034 | .033 | .032 | 23 | .045 |
| 6 | .030 | .028 | .028 | BF | .024 | .021 | .018 | .017 | .018 | .024 | .038 | .040 | .043 | .045 | .044 | .045 | .043 | .037 | .039 | .041 | .040 | .037 | .035 | .031 | 23 | .045 |
| 7 | .029 | .027 | .025 | BF | .021 | .021 | .023 | .026 | .032 | .038 | .043 | .043 | .045 | .048 | .047 | .049 | .050 | .049 | .045 | .040 | .038 | .039 | .034 | .028 | 23 | .050 |
| 8 | .026 | .031 | .026 | BF | .017 | .020 | .019 | .027 | .036 | .047 | .050 | .054 | .058 | .060 | .061 | .062 | .063 | .063 | .055 | .047 | .040 | .036 | .028 | .021 | 23 | .063 |
| 9 | .021 | .018 | .018 | BF | .019 | .011 | .011 | .012 | .017 | .011 | .013 | .038 | .041 | .041 | .043 | .044 | .043 | .035 | .030 | .024 | .027 | .027 | .025 | .031 | 23 | .044 |
| 10 | .031 | .024 | .026 | BF | .014 | .009 | .011 | .022 | .028 | .034 | .041 | .049 | .055 | .058 | .061 | .061 | .060 | .057 | .048 | .037 | .052 | .050 | .040 | .044 | 23 | .061 |
| 11 | .045 | .042 | .041 | BF | .027 | .021 | .019 | .026 | .029 | .034 | .038 | .040 | .045 | .054 | .052 | .052 | .057 | .055 | .046 | .041 | .033 | .035 | .033 | .038 | 23 | .057 |
| 12 | .034 | .031 | .034 | BF | .033 | .034 | .035 | .035 | .036 | .034 | .032 | .029 | .029 | .027 | .027 | .027 | .025 | .023 | .021 | .020 | .018 | .017 | .016 | .015 | 23 | .036 |
| 13 | .015 | .014 | .014 | BF | .016 | .018 | .018 | .018 | .021 | .022 | .023 | .025 | .027 | .029 | .030 | .031 | .030 | .027 | .022 | .015 | .009 | .005 | .003 | .001 | 23 | .031 |
| 14 | .000 | .001 | .003 | BF | .005 | .004 | .007 | .011 | .021 | .035 | .047 | .050 | .052 | .053 | .054 | .057 | .058 | .057 | .058 | .055 | .053 | .050 | .047 | .046 | 23 | .058 |
| 15 | .044 | .042 | .040 | BF | .035 | .034 | .032 | .033 | .041 | .051 | .060 | .063 | .065 | .064 | .063 | .060 | .060 | .058 | .054 | .049 | .048 | .042 | .032 | .028 | 23 | .065 |
| 16 | .019 | .014 | .011 | BF | .008 | .014 | .016 | .020 | .032 | .045 | .056 | .060 | .062 | .061 | .061 | .060 | .056 | .041 | .030 | .022 | .023 | .038 | .040 | .040 | 23 | .062 |
| 17 | .042 | .041 | .040 | BF | .039 | .034 | .033 | .037 | .043 | .048 | .053 | .052 | .056 | .069 | .057 | .060 | .059 | .056 | .052 | .048 | .050 | .053 | .053 | .052 | 23 | .069 |
| 18 | .048 | .045 | .043 | BF | .035 | .033 | .032 | BA | .042 | .042 | .040 | .041 | .041 | .041 | .042 | .044 | .043 | .043 | .039 | .035 | .035 | .044 | .040 | .034 | 22 | .048 |
| 19 | .032 | .034 | .032 | BF | .030 | .030 | .029 | .032 | .036 | .039 | .041 | .043 | .044 | .044 | .045 | .043 | .043 | .029 | .042 | .035 | .032 | .026 | .021 | .016 | 23 | .045 |
| 20 | .030 | .036 | .036 | BF | .032 | .027 | .026 | .029 | .032 | .036 | .039 | .041 | .041 | .043 | .045 | .044 | .040 | .041 | .036 | .032 | .032 | .043 | .037 | .029 | 23 | .045 |
| 21 | .027 | .027 | .026 | BF | .023 | .021 | .019 | .019 | .019 | .019 | .019 | .021 | .025 | .027 | .029 | .028 | .027 | .026 | .024 | .021 | .023 | .020 | .019 | .014 | 23 | .029 |
| 22 | .017 | .021 | .023 | BF | .025 | .021 | .018 | .017 | .019 | .023 | .026 | .027 | .029 | .033 | .036 | .038 | .036 | .028 | .024 | .017 | .021 | .036 | .036 | .029 | 23 | .038 |
| 23 | .029 | .031 | .028 | BF | .022 | .022 | .022 | .024 | .027 | .028 | .029 | .029 | .030 | .028 | .029 | .028 | .028 | .024 | .021 | .015 | .016 | .017 | .018 | .017 | 23 | .031 |
| 24 | .020 | .019 | .016 | BF | .011 | .012 | .020 | .023 | .024 | .026 | BA | .025 | .023 | .024 | .024 | .022 | .027 | .033 | .030 | .025 | .022 | .022 | .019 | .022 | 22 | .033 |
| 25 | .023 | .028 | .042 | BF | .039 | .034 | .030 | .031 | .034 | .037 | .040 | .038 | .041 | .042 | .038 | .039 | .042 | .044 | .041 | .039 | .037 | .039 | .037 | .035 | 23 | .044 |
| 26 | .034 | .032 | .031 | BF | .027 | .026 | .025 | .030 | .036 | .047 | .053 | .054 | .055 | .055 | .058 | .060 | .061 | .063 | .063 | .054 | .052 | .050 | .046 | .042 | 23 | .063 |
| 27 | .037 | .036 | .028 | BF | .008 | .015 | .025 | .031 | .036 | .041 | .047 | .051 | .050 | .051 | .052 | .053 | .051 | .045 | .040 | .038 | .040 | .039 | .038 | 23 | .053 | |
| 28 | .033 | .032 | .031 | BF | .018 | .008 | .013 | .021 | .030 | .040 | .049 | .054 | .055 | .053 | .051 | .045 | .041 | .041 | .039 | .029 | .029 | .023 | .022 | .025 | 23 | .055 |
| 29 | .019 | .015 | .013 | BF | .015 | .019 | .018 | .024 | .030 | .039 | .045 | .048 | .050 | .050 | .051 | .050 | .049 | .039 | .021 | .013 | .034 | .029 | .023 | .019 | 23 | .051 |
| 30 | .022 | .023 | .026 | BF | .013 | .008 | .014 | .019 | .021 | .023 | .027 | .028 | .031 | .032 | .031 | .033 | .034 | .034 | .030 | .017 | .014 | .015 | .019 | .018 | 23 | .034 |
| 31 | .018 | .016 | .016 | BF | .018 | .015 | .013 | .017 | .023 | .028 | .033 | .039 | .042 | .044 | .044 | .037 | .039 | .032 | .022 | .029 | .020 | .014 | .008 | .005 | 23 | .044 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | |
| MAX: | .048 | .045 | .043 | | .044 | .042 | .040 | .041 | .044 | .051 | .060 | .063 | .065 | .069 | .063 | .062 | .063 | .063 | .063 | .055 | .053 | .053 | .053 | .053 | .052 | |
| AVG: | .0284 | .0276 | .0272 | | .0236 | .0217 | .0220 | .0250 | .0302 | .0350 | .0398 | .0421 | .0441 | .0456 | .0455 | .0455 | .0454 | .0429 | .0385 | .0332 | .0324 | .0323 | .0303 | .0286 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0342 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .005 | .005 | .003 | BF | .000 | .000 | .008 | .023 | .025 | .032 | .040 | .044 | .050 | .050 | .050 | .052 | .053 | .045 | .032 | .024 | .027 | .033 | .020 | .026 | 23 | .053 | |
| 2 | .025 | .018 | .009 | BF | .010 | .009 | .019 | .025 | .035 | .049 | .057 | .059 | .058 | .057 | .056 | .058 | .062 | .061 | .051 | .039 | .025 | .029 | .029 | .029 | 23 | .062 | |
| 3 | .025 | .019 | .014 | BF | .005 | .002 | .008 | .023 | .036 | .047 | .054 | .057 | .056 | .057 | .059 | .056 | .054 | .054 | .040 | .034 | .030 | .032 | .030 | .019 | 23 | .059 | |
| 4 | .015 | .019 | .011 | BF | .003 | .001 | .012 | .024 | .029 | .035 | .043 | .039 | .041 | .044 | .043 | .041 | .035 | .030 | .029 | .022 | .019 | .019 | .018 | .020 | 23 | .044 | |
| 5 | .013 | .010 | .006 | BF | .010 | .009 | .008 | .012 | .015 | .019 | .021 | .024 | .024 | .024 | .025 | .024 | .024 | .024 | .020 | .035 | .030 | .023 | .021 | .026 | 23 | .035 | |
| 6 | .025 | .020 | .019 | BF | .017 | .014 | .016 | .021 | .026 | .036 | .043 | .050 | .053 | .054 | .053 | .054 | .050 | .033 | .022 | .015 | .007 | .007 | .018 | .026 | 23 | .054 | |
| 7 | .032 | .032 | .031 | BF | .032 | .032 | .031 | .032 | .033 | .034 | .040 | .046 | .049 | .046 | .047 | .045 | .039 | .036 | .033 | .032 | .038 | .036 | .034 | .033 | 23 | .049 | |
| 8 | .033 | .031 | .031 | BF | .030 | .028 | .026 | .028 | .033 | .036 | .038 | .039 | .041 | .040 | .039 | .040 | .040 | .040 | .040 | .036 | .027 | .022 | .021 | .012 | 23 | .041 | |
| 9 | .009 | .011 | .008 | BF | .012 | .007 | .017 | .022 | .031 | .037 | .042 | .044 | .047 | .049 | .051 | .053 | .053 | .054 | .049 | .038 | .024 | .017 | .032 | .035 | 23 | .054 | |
| 10 | .030 | .023 | .017 | BF | .023 | .019 | .022 | .030 | .035 | .036 | .040 | .050 | .053 | .058 | .061 | .063 | .063 | .062 | .054 | .041 | .039 | .037 | .041 | .039 | 23 | .063 | |
| 11 | .038 | .036 | .033 | BF | .025 | .019 | .025 | .028 | .031 | .039 | .041 | .044 | .046 | .048 | .048 | .044 | .042 | .044 | .032 | .029 | .032 | .036 | .038 | .037 | 23 | .048 | |
| 12 | .034 | .034 | .031 | BF | .029 | .027 | .027 | .028 | .032 | .037 | .041 | .044 | .047 | .047 | .047 | .047 | .039 | .033 | .031 | .033 | .039 | .038 | .036 | .036 | 23 | .047 | |
| 13 | .033 | .032 | .030 | BF | .027 | .024 | .025 | .025 | .030 | .033 | .037 | .039 | .040 | .046 | .049 | .054 | .049 | .042 | .043 | .050 | .044 | .044 | .038 | .033 | 23 | .054 | |
| 14 | .030 | .029 | .027 | BF | .024 | .020 | BA | .025 | .034 | .044 | .046 | .049 | .048 | .048 | .051 | .054 | .054 | .052 | .049 | .039 | .043 | .047 | .043 | .036 | 22 | .054 | |
| 15 | .035 | .030 | .019 | BF | .013 | .010 | .019 | .028 | .032 | .038 | .043 | .046 | .048 | .049 | .053 | .057 | .051 | .050 | .048 | .045 | .038 | .028 | .026 | .019 | 23 | .057 | |
| 16 | .015 | .011 | .007 | BF | .003 | .007 | .014 | .024 | .031 | .038 | .047 | .048 | .049 | .049 | .050 | .050 | .038 | .026 | .022 | .025 | .023 | .017 | .017 | .014 | 23 | .050 | |
| 17 | .012 | .008 | .007 | BF | .012 | .013 | .012 | .013 | .018 | .026 | .031 | .037 | .038 | .040 | .041 | .041 | .039 | .034 | .032 | .033 | .032 | .029 | .025 | .018 | 23 | .041 | |
| 18 | .019 | .018 | .020 | BF | .021 | .020 | .021 | .023 | .025 | .028 | .029 | .032 | .032 | .034 | .034 | .033 | .034 | .031 | .027 | .029 | .029 | .031 | .024 | .018 | 23 | .034 | |
| 19 | .015 | .013 | .012 | BF | .011 | .010 | .012 | .016 | .020 | .024 | .028 | .031 | .031 | .031 | .032 | .035 | .031 | .027 | .028 | .030 | .027 | .022 | .017 | .023 | 23 | .035 | |
| 20 | .021 | .015 | .018 | BF | .028 | .021 | .019 | .020 | .022 | .024 | .027 | .028 | .028 | .029 | .027 | .027 | .026 | .026 | .024 | .025 | .026 | .025 | .019 | .018 | 23 | .029 | |
| 21 | .017 | .018 | .020 | BF | .017 | .012 | .012 | .011 | .012 | .012 | .015 | .021 | .027 | .029 | .030 | .025 | .019 | .016 | .016 | .021 | .014 | .011 | .009 | .012 | 23 | .030 | |
| 22 | .011 | .009 | .007 | BF | .007 | .005 | .007 | .012 | .014 | .014 | .017 | .017 | .019 | .021 | .019 | .018 | .015 | .014 | .010 | .010 | .007 | .004 | .006 | .004 | 23 | .021 | |
| 23 | .002 | .010 | .010 | BF | .011 | .010 | .009 | .009 | .010 | .013 | .016 | .018 | .019 | .019 | .019 | .020 | .021 | .025 | .025 | .023 | .021 | .022 | .025 | .026 | 23 | .026 | |
| 24 | .024 | .023 | .022 | BF | .019 | .017 | .013 | .013 | .015 | .019 | .023 | .027 | .028 | .027 | .026 | .023 | .019 | .030 | .029 | .027 | .022 | .013 | .009 | .011 | 23 | .030 | |
| 25 | .011 | .007 | .007 | BF | .005 | .007 | .011 | .013 | .020 | .026 | .032 | .037 | .039 | .040 | .041 | .040 | .039 | .023 | .012 | .015 | .021 | .018 | .013 | .015 | 23 | .041 | |
| 26 | .007 | .004 | .004 | BF | .005 | .006 | .016 | .023 | .029 | .041 | .048 | .050 | .050 | .052 | .055 | .055 | .054 | .050 | .043 | .033 | .026 | .023 | .019 | .019 | 23 | .055 | |
| 27 | .014 | .014 | .009 | BF | .009 | .007 | .010 | .023 | .032 | .037 | .041 | .043 | .045 | .045 | .047 | .045 | .043 | .045 | .045 | .041 | .038 | .029 | .026 | .015 | 23 | .047 | |
| 28 | .013 | .010 | .008 | BF | .008 | .007 | .012 | .021 | .030 | .036 | .042 | .046 | .049 | .053 | .054 | .055 | .054 | .054 | .042 | .036 | .029 | .020 | .020 | .024 | 23 | .055 | |
| 29 | .035 | .038 | .035 | BF | .013 | .010 | .008 | .027 | .038 | .041 | .050 | .054 | .056 | .056 | .055 | .056 | .062 | .059 | .051 | .047 | .046 | .044 | .044 | .039 | 23 | .062 | |
| 30 | .035 | .032 | .029 | BF | .009 | .006 | .013 | .026 | .030 | .032 | .028 | .025 | .023 | .021 | .024 | .024 | .023 | .021 | .022 | .019 | .017 | .015 | .015 | .014 | 23 | .035 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .038 | .038 | .035 | | .032 | .032 | .031 | .032 | .038 | .049 | .057 | .059 | .058 | .058 | .061 | .063 | .063 | .062 | .054 | .050 | .046 | .047 | .044 | .039 | | | |
| AVG: | .0211 | .0193 | .0168 | | .0146 | .0126 | .0156 | .0216 | .0268 | .0321 | .0367 | .0396 | .0411 | .0421 | .0429 | .0430 | .0411 | .0382 | .0334 | .0308 | .0278 | .0257 | .0245 | .0232 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0292 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .012 | .011 | .012 | BF | .009 | .009 | .010 | .010 | .010 | .011 | .014 | .017 | .022 | .023 | .024 | .023 | .025 | .020 | .027 | .028 | .024 | .019 | .019 | .017 | 23 | .028 |
| 2 | .014 | .017 | .014 | BF | .015 | .014 | .016 | .021 | .025 | .028 | .035 | .039 | .039 | .038 | .039 | .039 | .038 | .037 | .036 | .031 | .026 | .022 | .022 | .012 | 23 | .039 |
| 3 | .010 | .010 | .007 | BF | .000 | .000 | .004 | .016 | .030 | .034 | .041 | .047 | .048 | .050 | .041 | .048 | .038 | .038 | .033 | .025 | .019 | .014 | .012 | .010 | 23 | .050 |
| 4 | .008 | .009 | .004 | BF | .006 | .004 | .008 | .010 | .017 | .022 | .027 | .029 | .031 | .034 | .033 | .030 | .029 | .029 | .021 | .019 | .013 | .009 | .011 | .016 | 23 | .034 |
| 5 | .013 | .005 | .002 | BF | .006 | .004 | .009 | .013 | .018 | .023 | .026 | .032 | .037 | .041 | .040 | .037 | .036 | .040 | .042 | .033 | .033 | .032 | .028 | .021 | 23 | .042 |
| 6 | .014 | .019 | .018 | BF | .013 | .006 | .009 | .012 | .020 | .028 | .033 | .032 | .033 | .034 | .034 | .035 | .033 | .032 | .030 | .033 | .026 | .028 | .026 | .027 | 23 | .035 |
| 7 | .027 | .027 | .026 | BF | .025 | .024 | .023 | .024 | .028 | .031 | .035 | .041 | .043 | .046 | .045 | .047 | .045 | .050 | .048 | .043 | .029 | .032 | .032 | .032 | 23 | .050 |
| 8 | .030 | .028 | .025 | BF | .024 | .022 | .021 | .024 | .030 | .036 | .041 | .041 | .041 | .042 | .046 | .049 | .044 | .038 | .049 | .050 | .045 | .042 | .034 | .027 | 23 | .050 |
| 9 | .024 | .016 | .014 | BF | .009 | .009 | .014 | .021 | .030 | .035 | .040 | .046 | .047 | .046 | .047 | .043 | .044 | .046 | .040 | .030 | .024 | .022 | .020 | .028 | 23 | .047 |
| 10 | .030 | .025 | .019 | BF | .007 | .002 | .011 | .026 | .032 | .033 | .036 | .039 | .043 | .044 | .043 | .042 | .041 | .039 | .038 | .038 | .032 | .029 | .028 | .022 | 23 | .044 |
| 11 | .020 | .019 | .014 | BF | .010 | .008 | .013 | .020 | .029 | .035 | .038 | .040 | .042 | .043 | .042 | .042 | .039 | .040 | .038 | .035 | .031 | .026 | .026 | .023 | 23 | .043 |
| 12 | .022 | .019 | .017 | BF | .014 | .012 | .016 | .025 | .028 | .031 | .033 | .034 | .037 | .039 | .037 | .041 | .037 | .034 | .030 | .024 | .027 | .029 | .029 | .027 | 23 | .041 |
| 13 | .021 | .017 | .016 | BF | .013 | .011 | .011 | .014 | .019 | .026 | .030 | .032 | .034 | .038 | .039 | .038 | .040 | .036 | .035 | .033 | .030 | .025 | .023 | .024 | 23 | .040 |
| 14 | .021 | .018 | .016 | BF | .012 | .011 | BA | .018 | .021 | .027 | .036 | .041 | .042 | .046 | .051 | .048 | .045 | .043 | .039 | .038 | .038 | .034 | .030 | .026 | 22 | .051 |
| 15 | .026 | .025 | .020 | BF | .017 | .014 | .017 | .026 | .035 | .044 | .047 | .049 | .050 | .050 | .049 | .049 | .050 | .051 | .046 | .040 | .037 | .033 | .032 | .029 | 23 | .051 |
| 16 | .025 | .021 | .020 | BF | .016 | .014 | .012 | .012 | .024 | .034 | .041 | .043 | .044 | .044 | .043 | .038 | .036 | .036 | .041 | .045 | .038 | .027 | .018 | .019 | 23 | .045 |
| 17 | .016 | .014 | .010 | BF | .012 | .014 | .014 | .017 | .025 | .029 | .036 | .037 | .038 | .041 | .043 | .042 | .047 | .045 | .041 | .032 | .026 | .023 | .018 | .016 | 23 | .047 |
| 18 | .013 | .009 | .010 | BF | .003 | .002 | .003 | .010 | .022 | .025 | .029 | .034 | .036 | .039 | .045 | .040 | .037 | .048 | .035 | .024 | .025 | .020 | .020 | .012 | 23 | .048 |
| 19 | .006 | .009 | .004 | BF | .004 | .002 | .004 | .010 | .014 | .035 | .052 | .055 | .052 | .063 | .063 | .061 | .061 | .061 | .056 | .042 | .038 | .034 | .033 | .023 | 23 | .063 |
| 20 | .018 | .017 | .020 | BF | .021 | .024 | .023 | .027 | .037 | .050 | .058 | .061 | .065 | .065 | .064 | .063 | .061 | .057 | .048 | .043 | .045 | .044 | .042 | .038 | 23 | .065 |
| 21 | .032 | .027 | .028 | BF | .027 | .024 | .022 | .026 | .044 | .050 | .054 | .055 | .057 | .058 | .056 | .054 | .049 | .048 | .048 | .047 | .045 | .043 | .040 | .022 | 22 | .058 |
| 22 | .037 | .036 | .034 | BF | .028 | .026 | .026 | .028 | .033 | .037 | .041 | .045 | .049 | .053 | .051 | .050 | .050 | .051 | .047 | .046 | .044 | .039 | .038 | .037 | 23 | .053 |
| 23 | .035 | .033 | .032 | BF | .029 | .027 | .027 | .029 | .032 | .038 | .044 | .046 | .046 | .042 | .037 | .033 | .038 | .040 | .043 | .041 | .039 | .032 | .028 | .024 | 23 | .046 |
| 24 | .026 | .027 | .025 | BF | .023 | .023 | .024 | .027 | .030 | .034 | .037 | .044 | .047 | .048 | .051 | .050 | .050 | .053 | .050 | .039 | .031 | .029 | .028 | .026 | 23 | .053 |
| 25 | .024 | .023 | .018 | BF | .013 | .010 | .010 | .013 | .027 | .048 | .055 | .059 | .060 | .060 | .059 | .060 | .060 | .060 | .058 | .051 | .042 | .031 | .025 | .019 | 23 | .060 |
| 26 | .027 | .031 | .032 | BF | .035 | .036 | .036 | .037 | .041 | .046 | .049 | .051 | .054 | .056 | .055 | .057 | .057 | .055 | .049 | .040 | .035 | .036 | .038 | .040 | 23 | .057 |
| 27 | .038 | .033 | .028 | BF | .019 | .017 | .021 | .032 | .039 | .043 | .045 | .047 | .051 | .053 | .053 | .050 | .048 | .044 | .041 | .038 | .036 | .034 | .029 | 23 | .053 | |
| 28 | .028 | .026 | .023 | BF | .017 | .014 | .014 | .017 | .026 | .035 | .043 | .044 | .045 | .046 | .045 | .042 | .040 | .037 | .031 | .021 | .018 | .010 | .017 | .018 | 23 | .046 |
| 29 | .019 | .017 | .016 | BF | .013 | .011 | .013 | .015 | .025 | .035 | .038 | .043 | .046 | .046 | .046 | .049 | .051 | .048 | .046 | .041 | .037 | .037 | .034 | .033 | 23 | .051 |
| 30 | .032 | .032 | .026 | BF | .015 | .016 | .018 | .022 | .029 | .035 | .038 | .039 | .040 | .040 | .041 | .040 | .040 | .039 | .037 | .033 | .026 | .021 | .015 | .014 | 23 | .041 |
| 31 | .016 | .014 | .013 | BF | .005 | .004 | .006 | .014 | .027 | .039 | .047 | .052 | .060 | .056 | .055 | .055 | .055 | .053 | .050 | .042 | .033 | .033 | .030 | .025 | 23 | .060 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .038 | .036 | .034 | | .035 | .036 | .036 | .037 | .041 | .050 | .058 | .061 | .065 | .065 | .064 | .063 | .061 | .061 | .058 | .051 | .047 | .045 | .043 | .040 | | |
| AVG: | .0221 | .0205 | .0182 | | .0148 | .0134 | .0152 | .0199 | .0268 | .0339 | .0392 | .0424 | .0444 | .0459 | .0458 | .0452 | .0442 | .0436 | .0412 | .0364 | .0321 | .0288 | .0269 | .0243 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0315 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .022 | .021 | .014 | BF | .006 | .002 | .004 | .020 | .031 | .037 | .047 | .049 | .049 | .050 | .055 | .056 | .059 | .059 | .055 | .045 | .037 | .033 | .029 | .025 | 23 | .059 |
| 2 | .025 | .025 | .023 | BF | .016 | .014 | .012 | .011 | .021 | .039 | .045 | .052 | .054 | .056 | .056 | .056 | .055 | .055 | .051 | .045 | .046 | .037 | .035 | .036 | 23 | .056 |
| 3 | .036 | .028 | .018 | BF | .012 | .009 | .006 | .014 | .026 | .034 | .042 | .050 | .052 | .053 | .055 | .052 | .049 | .044 | .042 | .038 | .032 | .028 | .025 | .019 | 23 | .055 |
| 4 | .016 | .014 | .012 | BF | .004 | .001 | .002 | .020 | .034 | .042 | .045 | .046 | .047 | .047 | .046 | .045 | .041 | .039 | .041 | .038 | .035 | .032 | .033 | .032 | 23 | .047 |
| 5 | .031 | .034 | .034 | BF | .030 | .026 | .020 | .031 | .033 | .041 | .047 | .047 | .048 | .054 | .054 | .050 | .052 | .053 | .052 | .047 | .040 | .035 | .032 | .031 | 23 | .054 |
| 6 | .026 | .027 | .019 | BF | .020 | .018 | .017 | .023 | .033 | .038 | .041 | .044 | .047 | .049 | .052 | .053 | .055 | .056 | .054 | .044 | .038 | .036 | .032 | .030 | 23 | .056 |
| 7 | .023 | .020 | .017 | BF | .024 | .020 | .016 | .015 | .013 | .016 | .019 | .020 | .020 | .022 | .023 | .025 | .024 | .027 | .025 | .022 | .022 | .023 | .022 | .022 | 23 | .027 |
| 8 | .024 | .021 | .015 | BF | .010 | .009 | BA | .020 | .021 | .024 | .022 | .025 | .026 | .029 | .034 | .036 | .031 | .028 | .026 | .023 | .022 | .017 | .014 | .012 | 22 | .036 |
| 9 | .009 | .008 | .011 | BF | .018 | .025 | .023 | .018 | .028 | .037 | .044 | .048 | .048 | .048 | .048 | .047 | .048 | .050 | .044 | .034 | .025 | .017 | .013 | .011 | 23 | .050 |
| 10 | .007 | .006 | .004 | BF | .001 | .001 | .005 | .016 | .037 | .048 | .048 | .050 | .052 | .051 | .052 | .053 | .053 | .053 | .051 | .041 | .039 | .027 | .020 | .018 | 23 | .053 |
| 11 | .016 | .014 | .007 | BF | .009 | .002 | .005 | .013 | .021 | .029 | .032 | .034 | .034 | .033 | .031 | .030 | .028 | .024 | .013 | .008 | .003 | .005 | .003 | .002 | 23 | .034 |
| 12 | .007 | .009 | .008 | BF | .009 | .005 | .008 | .010 | .016 | .021 | .024 | .024 | .026 | .024 | .026 | .026 | .027 | .026 | .022 | .018 | .018 | .024 | .022 | .022 | 23 | .027 |
| 13 | .017 | .010 | .010 | BF | .003 | .001 | .007 | .015 | .016 | .022 | .027 | .031 | .034 | .034 | .033 | .037 | .039 | .039 | .038 | .030 | .022 | .027 | .027 | .025 | 23 | .039 |
| 14 | .023 | .021 | .019 | BF | .017 | .014 | .013 | .013 | .013 | .015 | .020 | .024 | .026 | .028 | .030 | .032 | .033 | .027 | .020 | .022 | .022 | .020 | .015 | .008 | 23 | .033 |
| 15 | .005 | .005 | .003 | BF | .001 | .001 | .001 | .006 | .013 | .020 | .029 | .033 | .030 | .034 | .044 | .044 | .048 | .045 | .037 | .035 | .025 | .016 | .014 | .014 | 23 | .048 |
| 16 | .003 | .004 | .003 | BF | .003 | .002 | .004 | .012 | .023 | .034 | .037 | .038 | .039 | .041 | .044 | .046 | .044 | .047 | .044 | .035 | .035 | .031 | .022 | .015 | 23 | .047 |
| 17 | .009 | .007 | .011 | BF | .003 | .001 | .004 | .020 | .039 | .042 | .039 | .047 | .041 | .039 | .037 | .035 | .035 | .037 | .033 | .027 | .023 | .020 | .019 | .018 | 23 | .047 |
| 18 | .014 | .013 | .009 | BF | .004 | .000 | .002 | .013 | .023 | .029 | .028 | .030 | .032 | .035 | .035 | .034 | .034 | .035 | .032 | .035 | .034 | .024 | .016 | .016 | 23 | .035 |
| 19 | .009 | .006 | .002 | BF | .001 | .001 | .003 | .010 | .025 | .037 | .043 | .046 | .048 | .050 | .052 | .052 | .052 | .046 | .035 | .032 | .023 | .028 | .025 | .010 | 23 | .052 |
| 20 | .003 | .004 | .002 | BF | BF | .000 | .001 | .016 | .028 | .042 | .049 | .052 | .053 | .056 | .055 | .055 | .055 | .052 | .047 | .044 | .040 | .039 | .036 | .028 | 22 | .056 |
| 21 | .019 | .015 | .008 | BF | BF | .001 | .005 | .017 | .021 | .030 | .043 | .044 | .047 | .045 | .043 | .048 | .048 | .046 | .042 | .031 | .024 | .020 | .021 | .019 | 22 | .048 |
| 22 | .016 | .013 | .006 | BF | .001 | .001 | .002 | .014 | .024 | .029 | .034 | .038 | .040 | .039 | .040 | .042 | .043 | .038 | .032 | .027 | .024 | .022 | .018 | .017 | 23 | .043 |
| 23 | .017 | .016 | .015 | BF | .013 | .012 | .013 | .016 | .024 | .033 | .042 | .047 | .051 | .052 | .049 | .050 | .045 | .036 | .020 | .012 | .010 | .008 | .023 | .023 | 23 | .052 |
| 24 | .018 | .013 | .012 | BF | .015 | .011 | .013 | .015 | .019 | AV | .026 | .033 | .039 | .043 | .045 | .044 | .045 | .049 | .050 | .044 | .035 | .026 | .018 | .016 | 22 | .050 |
| 25 | .020 | .014 | .010 | BF | .007 | .005 | .008 | .011 | .018 | AE | AE | .050 | .053 | .055 | .055 | .054 | .054 | .052 | .047 | .038 | .031 | .024 | .017 | .020 | 21 | .055 |
| 26 | .019 | .017 | .011 | BF | .010 | .011 | .010 | .009 | .019 | .032 | .039 | .045 | .048 | .048 | .049 | .049 | .050 | .048 | .047 | .044 | .041 | .042 | .040 | .039 | 23 | .050 |
| 27 | .035 | .030 | .025 | BF | .030 | .027 | .024 | .023 | .031 | .039 | .045 | .049 | .050 | .051 | .053 | .053 | .052 | .049 | .048 | .048 | .047 | .046 | .044 | .041 | 23 | .053 |
| 28 | .040 | .037 | .034 | BF | .030 | .028 | .027 | .026 | .028 | .036 | .041 | .046 | .050 | .050 | .050 | .049 | .048 | .045 | .043 | .042 | .038 | .032 | .027 | .026 | 23 | .050 |
| 29 | .027 | .029 | .027 | BF | .026 | .024 | .023 | .026 | .026 | .025 | .026 | .026 | .026 | .029 | .027 | .025 | .025 | .024 | .025 | .025 | .023 | .022 | .018 | .012 | 23 | .029 |
| 30 | .013 | .012 | .012 | BF | .014 | .006 | .003 | .007 | .013 | .022 | .032 | .037 | .039 | .041 | .043 | .047 | .047 | .043 | .038 | .034 | .032 | .028 | .027 | .028 | 23 | .047 |
| 31 | .031 | .030 | .028 | BF | .021 | .020 | .018 | .019 | .024 | .034 | .036 | .033 | .031 | .032 | .031 | .031 | .030 | .021 | .015 | .014 | .009 | .007 | .004 | .004 | 23 | .036 |
| NO.: | 31 | 31 | 31 | | 29 | 31 | 30 | 31 | 31 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .040 | .037 | .034 | | .030 | .028 | .027 | .031 | .039 | .048 | .049 | .052 | .054 | .056 | .056 | .056 | .059 | .059 | .055 | .048 | .047 | .046 | .044 | .041 | | |
| AVG: | .0187 | .0169 | .0138 | | .0123 | .0096 | .0100 | .0161 | .0239 | .0320 | .0364 | .0399 | .0413 | .0425 | .0435 | .0437 | .0435 | .0417 | .0377 | .0330 | .0289 | .0257 | .0229 | .0206 | | |

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .0285 MONTHLY MAX: .059

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .004 | .007 | .006 | BF | .006 | .005 | .004 | .006 | .010 | .014 | .020 | .026 | .030 | .033 | .030 | AV | AV | .026 | .023 | .026 | .022 | .021 | .022 | .021 | 21 | .033 | |
| 2 | .021 | .019 | .015 | BF | .014 | .013 | .013 | .012 | .012 | .011 | .011 | .015 | .026 | .032 | .040 | .043 | .040 | .039 | .033 | .028 | .025 | .018 | .005 | .002 | 23 | .043 | |
| 3 | .002 | .006 | .008 | BF | .009 | .010 | .011 | .013 | .017 | .025 | .030 | .035 | .037 | .039 | .043 | .045 | .044 | .044 | .038 | .032 | .027 | .017 | .012 | .012 | 23 | .045 | |
| 4 | .010 | .008 | .005 | BF | .003 | .002 | .001 | .009 | .022 | .033 | .042 | .045 | .047 | .048 | .048 | .047 | .050 | .053 | .041 | .035 | .034 | .033 | .036 | .036 | 23 | .053 | |
| 5 | .037 | .035 | .030 | BF | .021 | .018 | .016 | .019 | .025 | .032 | .035 | .039 | .037 | .037 | .039 | .038 | .039 | .038 | .031 | .039 | .040 | .037 | .031 | .031 | 23 | .040 | |
| 6 | .031 | .027 | .019 | BF | .022 | .020 | BA | .023 | .027 | .036 | .041 | .047 | .047 | .041 | .026 | .030 | .028 | .024 | .020 | .015 | .012 | .010 | .011 | .011 | 22 | .047 | |
| 7 | .011 | .012 | .012 | BF | .011 | .009 | .008 | .012 | .019 | .028 | .039 | AO | 10 | .039 | |
| 8 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | BA | BA | .039 | .040 | .041 | .041 | .040 | .040 | .037 | .034 | .024 | .015 | .015 | .012 | 11 | .041 | |
| 9 | .007 | .006 | .005 | BF | .005 | .004 | .006 | .013 | .021 | .029 | .038 | .042 | .044 | .046 | .046 | .047 | .045 | .043 | .039 | .036 | .034 | .032 | .029 | .026 | 23 | .047 | |
| 10 | .026 | .024 | .021 | BF | .017 | .016 | .016 | .018 | .020 | .024 | .027 | .030 | .030 | .031 | .033 | .033 | .031 | .029 | .026 | .026 | .023 | .022 | .022 | .023 | 23 | .033 | |
| 11 | .024 | .025 | .025 | BF | .024 | .023 | .023 | .023 | .024 | .024 | .023 | .024 | .025 | .025 | .025 | .024 | .023 | .023 | .023 | .023 | .023 | .023 | .023 | .024 | 23 | .025 | |
| 12 | .024 | .025 | .025 | BF | .024 | .025 | .025 | .024 | .023 | .023 | .022 | .022 | .021 | .022 | .023 | .024 | .025 | .018 | .010 | .007 | .008 | .011 | .016 | .016 | 23 | .025 | |
| 13 | .018 | .017 | .016 | BF | .005 | .003 | .004 | .011 | .019 | .024 | .032 | .035 | .035 | .037 | .038 | .037 | .034 | .031 | .028 | .024 | .024 | .026 | .024 | .021 | 23 | .038 | |
| 14 | .018 | .013 | .008 | BF | .009 | .012 | .013 | .017 | .017 | .028 | .032 | .039 | .043 | .044 | .044 | .043 | .041 | .030 | .018 | .009 | .006 | .008 | .003 | .002 | 23 | .044 | |
| 15 | .002 | .001 | .002 | BF | .003 | .002 | .001 | .009 | .023 | .036 | .044 | .045 | .043 | .042 | .039 | .041 | .041 | .033 | .023 | .014 | .007 | .008 | .007 | .006 | 23 | .045 | |
| 16 | .005 | .003 | .002 | BF | .003 | .004 | .001 | .011 | .025 | .034 | .037 | .038 | .042 | .040 | .042 | .040 | .035 | .022 | .019 | .013 | .006 | .006 | .007 | .009 | 23 | .042 | |
| 17 | .008 | .005 | .002 | BF | .003 | .008 | .008 | .014 | .024 | .034 | .042 | .042 | .043 | .044 | .041 | .040 | .040 | .038 | .030 | .026 | .019 | .014 | .006 | .003 | 23 | .044 | |
| 18 | .003 | .002 | .004 | BF | .004 | .005 | .011 | .011 | .017 | .023 | .032 | .040 | .043 | .043 | .045 | .046 | .045 | .041 | .035 | .033 | .025 | .018 | .014 | .013 | 23 | .046 | |
| 19 | .012 | .013 | .012 | BF | .007 | .008 | .007 | .007 | .015 | .023 | .030 | .037 | .039 | .042 | .044 | .047 | .051 | .044 | .030 | .026 | .023 | .018 | .015 | .015 | 23 | .051 | |
| 20 | .013 | .008 | .009 | BF | .003 | .009 | .014 | .026 | .029 | .033 | .038 | .045 | .048 | .052 | .054 | .050 | .051 | .049 | .039 | .027 | .025 | .028 | .038 | .034 | 23 | .054 | |
| 21 | .022 | .015 | .015 | BF | .007 | .005 | .006 | .008 | .024 | .038 | .049 | .055 | .057 | .052 | .053 | .055 | .058 | .053 | .039 | .031 | .036 | .032 | .023 | .016 | 23 | .058 | |
| 22 | .010 | .007 | .005 | BF | .003 | .002 | .001 | .007 | .024 | .037 | .047 | .050 | .051 | .050 | .051 | .053 | .053 | .045 | .039 | .030 | .022 | .014 | .008 | .007 | 23 | .053 | |
| 23 | .012 | .008 | .004 | AE | AE | AE | .001 | .005 | .014 | .035 | .045 | .052 | .054 | .054 | .056 | .058 | .060 | .053 | .045 | .035 | .031 | .029 | .028 | .018 | 21 | .060 | |
| 24 | .019 | .016 | .009 | BF | .007 | .008 | .007 | .012 | .027 | .035 | .041 | .044 | .048 | .047 | .048 | .049 | .050 | .046 | .036 | .030 | .026 | .030 | .028 | .025 | 23 | .050 | |
| 25 | .020 | .024 | .021 | BF | .019 | .019 | .018 | .023 | .032 | .039 | .042 | .045 | .046 | .046 | .042 | .039 | .038 | .033 | .029 | .026 | .022 | .020 | .019 | .021 | 23 | .046 | |
| 26 | .021 | .019 | .017 | BF | .016 | .014 | .015 | .015 | .015 | .017 | .018 | .022 | .024 | .025 | .025 | .025 | .024 | .024 | .021 | .020 | .019 | .017 | .016 | .015 | 23 | .025 | |
| 27 | .015 | .014 | .014 | BF | .011 | .010 | .009 | .015 | .028 | .036 | .038 | .037 | .037 | .039 | .039 | .042 | .046 | .045 | .048 | .041 | .043 | .034 | .031 | 23 | .048 | | |
| 28 | .028 | .026 | .022 | BF | .024 | .024 | .023 | .025 | .034 | .050 | .059 | .064 | .069 | .073 | .072 | .071 | .071 | .070 | .062 | .050 | .056 | .052 | .043 | .041 | 23 | .073 | |
| 29 | .040 | .043 | .043 | BF | .038 | .034 | .034 | .032 | .035 | .037 | .042 | .045 | .046 | .047 | .047 | .046 | .045 | .042 | .039 | .034 | .030 | .025 | .020 | .014 | 23 | .047 | |
| 30 | .012 | .011 | .008 | BF | .010 | .004 | .003 | .018 | .030 | .039 | .044 | .046 | .048 | .050 | .051 | .048 | .048 | .041 | .037 | .033 | .032 | .032 | .031 | .030 | 23 | .051 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 29 | 29 | 29 | | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 28 | 28 | 29 | 29 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | | |
| MAX: | .040 | .043 | .043 | | .038 | .034 | .034 | .032 | .035 | .050 | .059 | .064 | .069 | .073 | .072 | .071 | .071 | .070 | .062 | .050 | .056 | .052 | .043 | .041 | | | |
| AVG: | .0164 | .0151 | .0132 | | .0117 | .0113 | .0107 | .0151 | .0224 | .0302 | .0359 | .0395 | .0414 | .0420 | .0422 | .0429 | .0426 | .0386 | .0322 | .0279 | .0249 | .0227 | .0202 | .0184 | | | |

MONTHLY OBSERVATIONS: 660 MONTHLY MEAN: .0268 MONTHLY MAX: .073

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .028 | .027 | .025 | BF | .021 | .021 | .020 | .020 | .023 | .028 | .032 | .035 | .039 | .041 | .042 | .043 | .041 | .038 | .032 | .026 | .027 | .024 | .019 | .013 | 23 | .043 |
| 2 | .009 | .013 | .008 | BF | .007 | .004 | .006 | .010 | .019 | .033 | .038 | .042 | .046 | .047 | .048 | AE | AE | AE | AE | .033 | .030 | .029 | .029 | .030 | 19 | .048 |
| 3 | .027 | .020 | .017 | BF | .015 | .008 | .008 | .015 | .028 | .040 | .043 | .047 | .052 | .054 | .056 | .057 | .058 | .050 | .041 | .040 | .035 | .033 | .031 | .028 | 23 | .058 |
| 4 | .029 | .024 | .023 | BF | .015 | .008 | BA | .013 | .015 | .022 | .031 | .041 | .046 | .049 | .053 | .051 | .049 | .041 | .038 | .030 | .031 | .033 | .024 | .020 | 22 | .053 |
| 5 | .009 | .011 | .008 | BF | .005 | .003 | .003 | .007 | .019 | .030 | .039 | .044 | .045 | .046 | .047 | .051 | .047 | .041 | .034 | .031 | .025 | .027 | .027 | .026 | 23 | .051 |
| 6 | .024 | .017 | .012 | BF | .005 | .001 | .002 | .005 | .016 | .024 | .034 | .041 | .042 | .042 | .042 | .043 | .045 | .041 | .034 | .028 | .026 | .024 | .025 | .024 | 23 | .045 |
| 7 | .021 | .018 | .016 | BF | .010 | .005 | .002 | .006 | .010 | .022 | .025 | .027 | .028 | .025 | .022 | .019 | .015 | .014 | .014 | .013 | .012 | .011 | .011 | .011 | 23 | .028 |
| 8 | .012 | .011 | .009 | BF | .002 | .001 | .000 | .002 | .009 | .016 | .017 | .015 | .016 | .015 | .016 | .016 | .015 | .014 | .014 | .013 | .013 | .013 | .013 | .013 | 23 | .017 |
| 9 | .012 | .012 | .011 | BF | .012 | .011 | .011 | .010 | .012 | .017 | .019 | .021 | .022 | .024 | .025 | .025 | .024 | .021 | .017 | .012 | .010 | .008 | .008 | .010 | 23 | .025 |
| 10 | .011 | .010 | .009 | BF | .010 | .008 | .007 | .006 | .008 | .012 | .017 | .021 | .022 | .022 | .021 | .017 | .019 | .013 | .013 | .015 | .016 | .012 | .011 | .007 | 23 | .022 |
| 11 | .009 | .010 | .010 | BF | .010 | .010 | .011 | .010 | .010 | .013 | .016 | .021 | .025 | .027 | .028 | .028 | .026 | .022 | .020 | .019 | .018 | .018 | .015 | .013 | 23 | .028 |
| 12 | .012 | .011 | .008 | BF | .006 | .006 | .007 | .007 | .011 | .019 | .021 | .030 | .036 | .037 | .031 | .030 | .029 | .027 | .027 | .026 | .024 | .021 | .021 | .021 | 23 | .037 |
| 13 | .022 | .022 | .021 | BF | .019 | .019 | .020 | .018 | .019 | .019 | .021 | .026 | .029 | .030 | .028 | .029 | .030 | .026 | .024 | .025 | .024 | .022 | .019 | .014 | 23 | .030 |
| 14 | .011 | .011 | .015 | BF | .025 | .025 | .024 | .026 | .026 | .027 | .026 | .028 | .031 | .033 | .034 | .035 | .032 | .025 | .019 | .014 | .017 | .018 | .015 | .013 | 23 | .035 |
| 15 | .015 | .014 | .013 | BF | .014 | .014 | .014 | .014 | .015 | .017 | .022 | .026 | .029 | .031 | .032 | .034 | .034 | .030 | .028 | .026 | .024 | .024 | .024 | .023 | 23 | .034 |
| 16 | .021 | .019 | .020 | BF | .020 | .019 | .015 | .012 | .020 | .020 | .020 | .022 | .019 | .019 | .026 | .026 | .030 | .029 | .025 | .024 | .025 | .025 | .025 | .024 | 23 | .030 |
| 17 | .023 | .021 | .018 | BF | .017 | .015 | .010 | AE | .021 | .027 | .032 | .035 | .037 | .038 | .039 | .040 | .039 | .029 | .024 | .014 | .013 | .011 | .008 | .007 | 22 | .040 |
| 18 | .006 | .004 | .003 | BF | .001 | AE | AE | AE | .013 | .023 | .032 | .036 | .038 | .043 | .046 | .047 | .044 | .036 | .029 | .019 | .014 | .013 | .017 | .014 | 20 | .047 |
| 19 | .008 | .006 | .008 | BF | .003 | .003 | .004 | .004 | .012 | .022 | .032 | .037 | .038 | .039 | .041 | .045 | .043 | .037 | .030 | .032 | .027 | .024 | .027 | .020 | 23 | .045 |
| 20 | .014 | .014 | .014 | BF | .017 | .016 | .015 | .017 | .022 | .030 | .041 | .047 | .052 | .054 | .057 | .060 | .058 | .053 | .043 | .044 | .031 | .027 | .016 | .018 | 23 | .060 |
| 21 | .016 | .016 | .008 | BF | .006 | .003 | .002 | .003 | .016 | .028 | .043 | .053 | .059 | .059 | .058 | .055 | .049 | .044 | .044 | .040 | .038 | .039 | .040 | .037 | 23 | .059 |
| 22 | .032 | .029 | .014 | BF | .003 | .007 | .005 | .004 | .017 | .036 | .054 | .054 | .050 | .049 | .048 | .048 | .046 | .039 | .037 | .030 | .031 | .027 | .027 | .028 | 23 | .054 |
| 23 | .034 | .037 | .035 | BF | .034 | .030 | .028 | .030 | .031 | .033 | .035 | .036 | .036 | .037 | .037 | .037 | AV | AV | AV | .027 | .035 | .037 | .033 | .029 | 20 | .037 |
| 24 | .026 | .026 | .024 | BF | .018 | .008 | .008 | .011 | .017 | .018 | .021 | .030 | .036 | .039 | .038 | .036 | .028 | .018 | .024 | .028 | .030 | .031 | .028 | .023 | 23 | .039 |
| 25 | .023 | .019 | .018 | BF | .016 | .010 | .013 | .012 | .016 | .026 | .035 | .040 | .041 | .043 | .043 | .043 | .042 | .037 | .027 | .024 | .027 | .027 | .027 | .024 | 23 | .043 |
| 26 | .023 | .021 | .019 | BF | .015 | .015 | .016 | .019 | .023 | .029 | .032 | .036 | .039 | .042 | .044 | .044 | .042 | .035 | .025 | .016 | .021 | .023 | .019 | .017 | 23 | .044 |
| 27 | .010 | .010 | .017 | BF | .023 | .021 | .006 | .009 | .029 | .033 | .036 | .044 | .048 | .052 | .049 | .050 | .050 | .043 | .038 | .039 | .042 | .042 | .041 | .041 | 23 | .052 |
| 28 | .038 | .033 | .027 | BF | .029 | .026 | .020 | .010 | .034 | .036 | .037 | .043 | .044 | .044 | .043 | .039 | .029 | .031 | .031 | .031 | .031 | .031 | .032 | .033 | 23 | .044 |
| 29 | .029 | .029 | .028 | BF | .025 | .023 | .021 | .020 | .022 | .021 | .020 | .021 | .028 | .026 | .014 | .018 | .021 | .020 | .020 | .022 | .022 | .021 | .021 | .023 | 23 | .029 |
| 30 | .022 | .021 | .021 | BF | .020 | .018 | .017 | .018 | .021 | .025 | .028 | .031 | .034 | .036 | .037 | .038 | .036 | .028 | .024 | .027 | .027 | .029 | .027 | .027 | 23 | .038 |
| 31 | .027 | .023 | .022 | BF | .017 | .008 | .009 | .005 | .020 | .024 | .028 | .034 | .040 | .045 | .049 | .049 | .042 | .036 | .029 | .034 | .033 | .035 | .033 | .029 | 23 | .049 |
| NO.: | 31 | 31 | 31 | | 31 | 30 | 29 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 29 | 29 | 29 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .038 | .037 | .035 | | .034 | .030 | .028 | .030 | .034 | .040 | .054 | .054 | .059 | .059 | .058 | .060 | .058 | .053 | .044 | .044 | .042 | .042 | .041 | .041 | | |
| AVG: | .0195 | .0180 | .0162 | | .0142 | .0122 | .0112 | .0118 | .0185 | .0248 | .0299 | .0343 | .0370 | .0383 | .0386 | .0386 | .0373 | .0319 | .0276 | .0257 | .0251 | .0245 | .0231 | .0215 | | |

MONTHLY OBSERVATIONS: 701 MONTHLY MEAN: .0252 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .029 | .031 | .026 | BF | .021 | .006 | .001 | BA | .028 | .034 | .044 | .049 | .051 | .054 | .053 | .052 | .047 | .039 | .034 | .036 | .036 | .036 | .033 | .031 | 22 | .054 | |
| 2 | .030 | .031 | .033 | BF | .015 | .009 | .007 | .009 | .018 | .027 | .034 | .037 | .038 | .040 | .038 | .041 | .035 | .027 | .019 | .017 | .017 | .012 | .009 | .009 | 23 | .041 | |
| 3 | .005 | .005 | .007 | BF | .002 | .003 | .001 | .001 | .012 | .027 | .037 | .043 | .045 | .046 | .047 | .046 | .041 | .036 | .027 | .026 | .020 | .014 | .011 | .012 | 23 | .047 | |
| 4 | .014 | .006 | .010 | BF | .013 | .012 | .014 | .017 | .019 | .020 | .022 | .023 | .023 | .017 | .015 | .016 | .016 | .015 | .016 | .016 | .015 | .014 | .015 | .014 | 23 | .023 | |
| 5 | .013 | .012 | .013 | BF | .008 | .006 | .005 | .004 | .004 | .004 | .004 | .008 | .022 | .027 | .025 | .027 | .025 | .014 | .011 | .008 | .007 | .007 | .005 | .007 | 23 | .027 | |
| 6 | .003 | .001 | .003 | BF | .003 | .002 | .000 | .003 | .014 | .019 | .024 | .029 | .032 | .031 | .032 | .033 | .033 | .023 | .016 | .021 | .025 | .023 | .015 | .014 | 23 | .033 | |
| 7 | .010 | .007 | .008 | BF | .007 | .008 | .006 | .006 | AZ | AZ | BA | 7 | .010 | |
| 8 | 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 | |
| 9 | BA | BA | BA | BA | BA | BA | BA | BA | BC | BC | BC | BC | .012 | .012 | .012 | .012 | .012 | .011 | .011 | .011 | .010 | .010 | .009 | .010 | 12 | .012 | |
| 10 | .014 | .013 | .011 | BF | .014 | .015 | .016 | .017 | .021 | .026 | .031 | .033 | .036 | .037 | .039 | .039 | .037 | .033 | .031 | .032 | .026 | .028 | .030 | .032 | 23 | .039 | |
| 11 | .032 | .031 | .030 | BF | .030 | .030 | .027 | .027 | .030 | .032 | .033 | .034 | .036 | .038 | .039 | .039 | .038 | .032 | .022 | .019 | .018 | .016 | .011 | .009 | 23 | .039 | |
| 12 | .009 | .008 | .010 | BF | .006 | .004 | .006 | .010 | .013 | .015 | .019 | .030 | .031 | .032 | .031 | .032 | .029 | .024 | .024 | .024 | .022 | .020 | .019 | .018 | 23 | .032 | |
| 13 | .017 | .018 | .022 | BF | .019 | .019 | .016 | .015 | .017 | .022 | .021 | .021 | .029 | .033 | .034 | .033 | .031 | .027 | .025 | .025 | .021 | .022 | .019 | .018 | 23 | .034 | |
| 14 | .020 | .025 | .022 | BF | .018 | .017 | .019 | .016 | .019 | .024 | .028 | .030 | .032 | .032 | .033 | .032 | .031 | .031 | .030 | .026 | .024 | .023 | .022 | .020 | 23 | .033 | |
| 15 | .014 | .008 | .012 | BF | .008 | .013 | .009 | .009 | .016 | .022 | .028 | .032 | .033 | .035 | .037 | .038 | .033 | .021 | .016 | .014 | .016 | .012 | .013 | .012 | 23 | .038 | |
| 16 | .011 | .010 | .010 | BF | .010 | .007 | .009 | .013 | .017 | .022 | .026 | .030 | .037 | .040 | .041 | .043 | .041 | .036 | .030 | .033 | .035 | .028 | .030 | .028 | 23 | .043 | |
| 17 | .026 | .029 | .031 | BF | .028 | .025 | .021 | .015 | .020 | .023 | .023 | .025 | .028 | .031 | .031 | .031 | .025 | .021 | .017 | .019 | .022 | .024 | .021 | .010 | 23 | .031 | |
| 18 | .018 | .012 | .017 | BF | .027 | .024 | .024 | .025 | .029 | .030 | .035 | .042 | .046 | .045 | .044 | .044 | .044 | .040 | .039 | .040 | .041 | .042 | .042 | .043 | 23 | .046 | |
| 19 | .042 | .042 | .041 | BF | .034 | .025 | .017 | .018 | .025 | .025 | .024 | .024 | .026 | .029 | .030 | .028 | .030 | .028 | .030 | .028 | .026 | .026 | .028 | .027 | 23 | .042 | |
| 20 | .025 | .025 | .023 | BF | .016 | .013 | .014 | .014 | .018 | .024 | .030 | .039 | .042 | .045 | .043 | .040 | .036 | .032 | .031 | .034 | .034 | .033 | .030 | .032 | 23 | .045 | |
| 21 | .033 | .029 | .026 | BF | .029 | .021 | .011 | .010 | .008 | .008 | .027 | .032 | .036 | .036 | .037 | .035 | .030 | .029 | .029 | .029 | .025 | .022 | .024 | .022 | 23 | .037 | |
| 22 | .016 | .015 | .016 | BF | .015 | .013 | .011 | .011 | .013 | .021 | .036 | .040 | .043 | .044 | .045 | .045 | .042 | .040 | .038 | .036 | .035 | .034 | .033 | .031 | 23 | .045 | |
| 23 | .030 | .028 | .025 | BF | .021 | .020 | .019 | .018 | .017 | .022 | .024 | .025 | .028 | .029 | .029 | .029 | .024 | .021 | .018 | .018 | .016 | .011 | .008 | .007 | 23 | .030 | |
| 24 | .008 | .006 | .005 | BF | .002 | .003 | .004 | .003 | .008 | .016 | .024 | .032 | .034 | .036 | .039 | .039 | .035 | .034 | .028 | .027 | .020 | .023 | .017 | .019 | 23 | .039 | |
| 25 | .014 | .013 | .013 | BF | .012 | .007 | .008 | .005 | .017 | .031 | .036 | .042 | .043 | .043 | .042 | .042 | .041 | .041 | .040 | .039 | .036 | .035 | .033 | .031 | 23 | .043 | |
| 26 | .029 | .028 | .029 | BF | .031 | .029 | .019 | .020 | .024 | .028 | .036 | .039 | .041 | .043 | .043 | .043 | .042 | .043 | .041 | .033 | .034 | .032 | .032 | .025 | 23 | .043 | |
| 27 | .024 | .023 | .025 | BF | .024 | .023 | .021 | .019 | .024 | .027 | .033 | .037 | .039 | .042 | .043 | .042 | .040 | .035 | .036 | .035 | .029 | .029 | .022 | .019 | 23 | .043 | |
| 28 | .017 | .019 | .017 | BF | .011 | .010 | .006 | .005 | .010 | .021 | .028 | .042 | .045 | .046 | .046 | .047 | .047 | .039 | .041 | .036 | .034 | .031 | .041 | .026 | 23 | .047 | |
| 29 | .029 | .031 | .034 | BF | .037 | .036 | .032 | .028 | .031 | .031 | .037 | .043 | .050 | .054 | .055 | .055 | .054 | .050 | .048 | .045 | .047 | .042 | .043 | .035 | 23 | .055 | |
| 30 | .030 | .028 | .024 | BF | .017 | .010 | .008 | .012 | .011 | .016 | .025 | .036 | .045 | .056 | .056 | .054 | .049 | .044 | .043 | .034 | .037 | .042 | .039 | .044 | 23 | .056 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| NO.: | 28 | 28 | 28 | | 28 | 28 | 28 | 27 | 27 | 27 | 27 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | | |
| MAX: | .042 | .042 | .041 | | .037 | .036 | .032 | .028 | .031 | .034 | .044 | .049 | .051 | .056 | .056 | .055 | .054 | .050 | .048 | .045 | .047 | .042 | .043 | .044 | | | |
| AVG: | .0201 | .0191 | .0194 | | .0171 | .0146 | .0125 | .0130 | .0179 | .0229 | .0285 | .0332 | .0358 | .0376 | .0378 | .0378 | .0352 | .0310 | .0283 | .0272 | .0260 | .0247 | .0234 | .0216 | | | |

MONTHLY OBSERVATIONS: 639 MONTHLY MEAN: .0254 MONTHLY MAX: .056

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.4325
 LONGITUDE: -79.2887
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 131
 PROBE HEIGHT:

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .035 | .018 | .025 | BF | .019 | .015 | .016 | .021 | .019 | .030 | .036 | .040 | .043 | .046 | .048 | .047 | .046 | .043 | .038 | .029 | .030 | .034 | .034 | .033 | 23 | .048 | |
| 2 | .030 | .030 | .030 | BF | .029 | .029 | .027 | .027 | .028 | .027 | .024 | .025 | .021 | .022 | .024 | .024 | .021 | .018 | .016 | .013 | .012 | .012 | .011 | .009 | 23 | .030 | |
| 3 | .009 | .008 | .009 | BF | .008 | .008 | .007 | .006 | .007 | .019 | .027 | .033 | .039 | .042 | .044 | .047 | .046 | .043 | .039 | .035 | .032 | .028 | .030 | .027 | 23 | .047 | |
| 4 | .027 | .017 | .021 | BF | .017 | .008 | .005 | .006 | .013 | .015 | .025 | .036 | .041 | .039 | .043 | .043 | .040 | .039 | .033 | .033 | .032 | .028 | .021 | .019 | 23 | .043 | |
| 5 | .017 | .011 | .008 | BF | .008 | .007 | .006 | .007 | .011 | .020 | .030 | .034 | .035 | .037 | .040 | .040 | .039 | .037 | .036 | .035 | .033 | .033 | .032 | .027 | 23 | .040 | |
| 6 | .025 | .024 | .024 | BF | .021 | .022 | .020 | .018 | .017 | .017 | .023 | .029 | .030 | .032 | .033 | .032 | .032 | .029 | .020 | .016 | .018 | .015 | .012 | .012 | 23 | .033 | |
| 7 | .010 | .011 | .010 | BF | .009 | .011 | .011 | .010 | AV | AV | BA | BA | .026 | .027 | .032 | .029 | .023 | .016 | .017 | .019 | .017 | .016 | .014 | 19 | .032 | | |
| 8 | .017 | .021 | .021 | BF | .019 | .016 | .015 | .015 | .017 | .020 | .019 | .018 | .023 | .024 | .024 | .024 | .022 | .025 | .025 | .024 | .023 | .023 | .024 | 23 | .025 | | |
| 9 | .024 | .027 | .028 | BF | .025 | .026 | .026 | .027 | .028 | .028 | .026 | .028 | .029 | .028 | .028 | .027 | .026 | .026 | .024 | .025 | .022 | .019 | .019 | .018 | 23 | .029 | |
| 10 | .017 | .019 | .022 | BF | .022 | .021 | .022 | .021 | .022 | .023 | .025 | .027 | .028 | .031 | .032 | .032 | .031 | .028 | .026 | .028 | .029 | .027 | .027 | .027 | 23 | .032 | |
| 11 | .026 | .025 | .024 | BF | .012 | .012 | .014 | .016 | .019 | .020 | .025 | .032 | .035 | .036 | .037 | .036 | .034 | .031 | .028 | .031 | .032 | .030 | .030 | .029 | 23 | .037 | |
| 12 | .030 | .028 | .027 | BF | .027 | .026 | .024 | .024 | .024 | .027 | .026 | .028 | .029 | .033 | .035 | .035 | .034 | .034 | .032 | .029 | .036 | .035 | .035 | .036 | 23 | .036 | |
| 13 | .034 | .033 | .032 | BF | .032 | .030 | .027 | .029 | .029 | .031 | .036 | .038 | .039 | .039 | .040 | .040 | .038 | .036 | .036 | .035 | .035 | .034 | .035 | .036 | 23 | .040 | |
| 14 | .034 | .033 | .032 | BF | .031 | .031 | .030 | .030 | .029 | .030 | .032 | .034 | .037 | .039 | .040 | .040 | .038 | .034 | .034 | .031 | .028 | .024 | .020 | .020 | 23 | .040 | |
| 15 | .018 | .018 | .017 | BF | .017 | .017 | .015 | .012 | .015 | .018 | .019 | .021 | .023 | .024 | .025 | .023 | .021 | .019 | .017 | .016 | .016 | .015 | .014 | 23 | .025 | | |
| 16 | .015 | .013 | .013 | BF | .017 | .016 | .018 | .020 | .020 | .024 | .027 | .031 | .034 | .035 | .036 | .036 | .035 | .030 | .031 | .032 | .033 | .031 | .031 | .027 | 23 | .036 | |
| 17 | .028 | .028 | .026 | BF | .025 | .017 | .015 | .017 | .012 | .021 | .029 | .030 | .033 | .035 | .036 | .037 | .034 | .030 | .030 | .028 | .025 | .031 | .034 | .034 | 23 | .037 | |
| 18 | .033 | .032 | .031 | BF | .027 | .024 | .016 | .023 | .020 | .030 | .035 | .039 | .040 | .042 | .043 | .042 | .043 | .037 | .038 | .038 | .036 | .033 | .031 | .029 | 23 | .043 | |
| 19 | .027 | .024 | .020 | BF | .018 | .016 | .014 | .013 | .013 | .015 | .020 | .026 | .036 | .043 | .047 | .042 | .040 | .036 | .040 | .038 | .036 | .035 | .036 | .036 | 23 | .047 | |
| 20 | .034 | .032 | .030 | BF | .027 | .025 | .023 | .019 | .018 | .018 | .017 | .020 | .023 | .023 | .023 | .023 | .023 | .024 | .025 | .021 | .020 | .019 | .017 | .014 | 23 | .034 | |
| 21 | .014 | .014 | .015 | BF | .023 | .021 | .019 | .017 | .015 | .020 | .024 | .026 | .029 | .032 | .032 | .032 | .029 | .022 | .020 | .020 | .018 | .024 | .023 | .024 | 23 | .032 | |
| 22 | .023 | .017 | .018 | AN | .004 | .001 | .002 | .004 | .007 | AI | .016 | .023 | .034 | .036 | .036 | .036 | .036 | .030 | .028 | .023 | .024 | .026 | .027 | .025 | 22 | .036 | |
| 23 | .027 | .027 | .023 | BF | .020 | .021 | .020 | .020 | .019 | .021 | .021 | .023 | .025 | .027 | .028 | .027 | .026 | .026 | .027 | .027 | .027 | .026 | .025 | .024 | 23 | .028 | |
| 24 | .024 | .024 | .025 | BF | .027 | .025 | .024 | .022 | .021 | .023 | .024 | .021 | .020 | .019 | .019 | .018 | .017 | .016 | .016 | .015 | .015 | .015 | .013 | .011 | 23 | .027 | |
| 25 | .010 | .015 | .019 | BF | .025 | .029 | .027 | .030 | .030 | .030 | .033 | .034 | .036 | .037 | .036 | .035 | .035 | .034 | .033 | .033 | .031 | .030 | .029 | .028 | 23 | .037 | |
| 26 | .028 | .027 | .029 | BF | .026 | .022 | .017 | .017 | .023 | .030 | .032 | .035 | .035 | .037 | .038 | .037 | .037 | .034 | .031 | .027 | .027 | .024 | .020 | .022 | 23 | .038 | |
| 27 | .026 | .025 | .025 | BF | .012 | .014 | .014 | .014 | .015 | .016 | .020 | .024 | .026 | .027 | .032 | .034 | .036 | .035 | .033 | .031 | .032 | .031 | .031 | .032 | 23 | .036 | |
| 28 | .032 | .030 | .029 | BF | .028 | .027 | .028 | .027 | .028 | .032 | .033 | .033 | .033 | .035 | .036 | .036 | .035 | .034 | .032 | .030 | .027 | .026 | .022 | .024 | 23 | .036 | |
| 29 | .023 | .019 | .017 | BF | .020 | .020 | .015 | AV | 6 | .023 | |
| 30 | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | 0 | |
| 31 | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | 0 | |
| NO.: | 29 | 29 | 29 | | 29 | 29 | 29 | 28 | 27 | 26 | 27 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | | | |
| MAX: | .035 | .033 | .032 | | .032 | .031 | .030 | .030 | .030 | .032 | .036 | .040 | .043 | .046 | .048 | .047 | .046 | .043 | .040 | .038 | .036 | .035 | .036 | .036 | | | |
| AVG: | .0240 | .0224 | .0224 | | .0205 | .0192 | .0178 | .0183 | .0192 | .0233 | .0261 | .0292 | .0315 | .0331 | .0345 | .0341 | .0328 | .0302 | .0288 | .0273 | .0267 | .0259 | .0250 | .0241 | | | |

MONTHLY OBSERVATIONS: 645 MONTHLY MEAN: .0259 MONTHLY MAX: .048

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-107-0004 POC: 1
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .027 | .026 | .024 | BF | .027 | .028 | .029 | .028 | .028 | .030 | .032 | .033 | .032 | .032 | .034 | .032 | .031 | .031 | .036 | .033 | .033 | .033 | .032 | .032 | 23 | .036 |
| 2 | .030 | .030 | .030 | BF | .030 | .035 | .040 | .039 | .041 | .043 | .043 | .044 | .045 | .046 | .046 | .047 | .047 | .044 | .039 | .031 | .021 | .019 | .016 | .016 | 23 | .047 |
| 3 | .012 | .014 | .032 | BF | .030 | .019 | .011 | .015 | .029 | .039 | .042 | .044 | .046 | .048 | .049 | .049 | .048 | .047 | .045 | .043 | .042 | .041 | .040 | .040 | 23 | .049 |
| 4 | .039 | .038 | .037 | BF | .035 | .033 | .033 | .033 | .036 | .040 | .043 | .044 | .045 | .047 | .047 | .048 | .049 | .047 | .037 | .027 | .022 | .018 | .015 | .013 | 23 | .049 |
| 5 | .012 | .013 | .010 | BF | .031 | .033 | .035 | .037 | .039 | .041 | .042 | .044 | .045 | .047 | .048 | .049 | .049 | .047 | .037 | .030 | .033 | .032 | .026 | .039 | 23 | .049 |
| 6 | .036 | .032 | .027 | BF | .018 | .013 | .018 | .017 | .032 | .042 | .045 | .047 | .049 | .050 | .051 | .052 | .051 | .049 | .047 | .045 | .045 | .043 | .040 | .024 | 23 | .052 |
| 7 | .016 | .011 | .008 | BF | .008 | .021 | .018 | .016 | .039 | .047 | .054 | .056 | .056 | .054 | .055 | .054 | .054 | .050 | .048 | .046 | .045 | .045 | .044 | .044 | 23 | .056 |
| 8 | .043 | .043 | .043 | BF | .042 | .041 | .039 | .037 | .036 | .038 | .038 | .042 | .046 | .050 | .053 | .054 | .056 | .056 | .046 | .036 | .029 | .023 | .015 | .014 | 23 | .056 |
| 9 | .012 | .010 | .015 | BF | .013 | .013 | .010 | .012 | .020 | .036 | .049 | .052 | .054 | .055 | .056 | .057 | .058 | .054 | .052 | .051 | .050 | .049 | .049 | .049 | 23 | .058 |
| 10 | .050 | .052 | .051 | BF | .048 | .047 | .045 | .044 | .045 | .046 | .046 | .049 | .052 | .054 | .052 | .050 | .050 | .051 | .049 | .049 | .048 | .046 | .045 | .044 | 23 | .054 |
| 11 | .042 | .041 | .042 | BF | .033 | .027 | .033 | .038 | .041 | .043 | .044 | .047 | .048 | .049 | .050 | .051 | .051 | .050 | .047 | .043 | .038 | .030 | .024 | .023 | 23 | .051 |
| 12 | .024 | .030 | .031 | BF | .040 | .028 | .033 | .037 | .038 | .038 | .037 | .037 | .037 | .039 | .042 | .044 | .045 | .045 | .040 | .030 | .020 | .015 | .015 | .014 | 23 | .045 |
| 13 | .032 | .032 | .030 | BF | .034 | .038 | .038 | .038 | .039 | .041 | .043 | .044 | .046 | .046 | .046 | .045 | .043 | .040 | .040 | .040 | .039 | .037 | .036 | .035 | 23 | .046 |
| 14 | .035 | .034 | .034 | BF | .035 | .035 | .036 | .037 | .037 | BA | .029 | .037 | .038 | .041 | .043 | .042 | .042 | .041 | .039 | .039 | .040 | .039 | .039 | .038 | 22 | .043 |
| 15 | .040 | .041 | .041 | BF | .040 | .040 | .040 | .041 | .042 | .043 | .044 | .046 | .047 | .047 | .047 | .047 | .047 | .047 | .045 | .044 | .043 | .040 | .035 | .030 | 23 | .047 |
| 16 | .034 | .036 | .037 | BF | .034 | .028 | .028 | .032 | .035 | .041 | .043 | .043 | .044 | .045 | .048 | .048 | .047 | .051 | .046 | .039 | .029 | .022 | .018 | .017 | 23 | .051 |
| 17 | .016 | .016 | .012 | BF | .008 | .009 | .007 | .009 | .023 | .041 | .049 | .051 | .053 | .055 | .056 | .056 | .060 | .056 | .053 | .054 | .056 | .055 | .055 | .055 | 23 | .060 |
| 18 | .055 | .054 | .051 | BF | .046 | .045 | .044 | .045 | .045 | .042 | .040 | .040 | .041 | .041 | .039 | .040 | .040 | .036 | .028 | .030 | .038 | .032 | .028 | .028 | 23 | .055 |
| 19 | .034 | .037 | .038 | BF | .032 | .032 | .034 | .035 | .034 | .032 | .030 | .031 | .036 | .038 | .037 | .039 | .044 | .045 | .044 | .038 | .023 | .016 | .014 | .012 | 23 | .045 |
| 20 | .010 | .009 | .011 | BF | .008 | .005 | .005 | .009 | .026 | .038 | .040 | .044 | .047 | .050 | .052 | .052 | .055 | .054 | .040 | .029 | .041 | .042 | .043 | .041 | 23 | .055 |
| 21 | .040 | .041 | .039 | BF | .032 | .032 | .033 | .034 | .038 | .042 | .047 | .051 | .059 | .063 | .066 | .068 | .069 | .068 | .053 | .041 | .050 | .044 | .044 | .044 | 23 | .069 |
| 22 | .046 | .044 | .040 | BF | .037 | .036 | .035 | .034 | .033 | .034 | .038 | .040 | .041 | .049 | .052 | .052 | .052 | .052 | .050 | .047 | .044 | .043 | .039 | .035 | 23 | .052 |
| 23 | .030 | .023 | .029 | BF | .030 | .019 | .016 | .036 | .041 | .045 | .047 | .049 | .050 | .052 | .052 | .053 | .053 | .052 | .045 | .043 | .050 | .047 | .036 | .034 | 23 | .053 |
| 24 | .025 | .028 | .029 | BF | .023 | .022 | .020 | .028 | .041 | .043 | .048 | .051 | .052 | .054 | .054 | .055 | .055 | .054 | .051 | .049 | .047 | .046 | .045 | .044 | 23 | .055 |
| 25 | .042 | .039 | .038 | BF | .036 | .034 | .020 | .026 | .038 | .044 | .047 | .047 | .047 | .046 | .045 | .045 | .045 | .044 | .042 | .042 | .042 | .040 | .038 | .034 | 23 | .047 |
| 26 | .032 | .021 | .014 | BF | .005 | .003 | .003 | .006 | .024 | .040 | .046 | .047 | .048 | .048 | .049 | .049 | .048 | .048 | .047 | .045 | .042 | .040 | .038 | .034 | 23 | .049 |
| 27 | .032 | .020 | .014 | BF | .004 | .003 | .002 | .017 | .037 | .045 | .048 | .049 | .049 | .049 | .049 | .048 | .048 | .048 | .047 | .045 | .044 | .043 | .042 | .041 | 23 | .049 |
| 28 | .041 | .039 | .036 | BF | .037 | .034 | .034 | .034 | .036 | .037 | .035 | .038 | .040 | .040 | .040 | .039 | .036 | .044 | .032 | .019 | .016 | .007 | .006 | .005 | 23 | .044 |
| 29 | .006 | .011 | .012 | BF | .010 | .014 | .021 | .024 | .030 | .033 | .035 | .040 | .044 | .048 | .048 | .046 | .047 | .045 | .038 | .022 | .028 | .030 | .028 | .025 | 23 | .048 |
| 30 | .021 | .012 | .011 | BF | .018 | .017 | .016 | .022 | .031 | .037 | .042 | .044 | .047 | .049 | .049 | .051 | .051 | .049 | .043 | .039 | .042 | .039 | .038 | .037 | 23 | .051 |
| 31 | .033 | .035 | .041 | BF | .044 | .044 | .040 | .040 | .039 | .042 | .045 | .046 | .041 | .042 | .041 | .044 | .043 | .040 | .035 | .031 | .037 | .042 | .039 | .035 | 23 | .046 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .055 | .054 | .051 | | .048 | .047 | .045 | .045 | .045 | .047 | .054 | .056 | .059 | .063 | .066 | .068 | .069 | .068 | .053 | .054 | .056 | .055 | .055 | .055 | | |
| AVG: | .0305 | .0294 | .0293 | | .0280 | .0267 | .0263 | .0290 | .0353 | .0401 | .0423 | .0444 | .0460 | .0475 | .0483 | .0486 | .0488 | .0479 | .0433 | .0387 | .0380 | .0354 | .0330 | .0315 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0378 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-107-0004 POC: 1
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .033 | .030 | .030 | BF | .027 | .026 | .025 | .026 | .028 | .030 | .034 | .039 | .043 | .045 | .047 | .049 | .050 | .050 | .045 | .032 | .024 | .031 | .039 | .039 | 23 | .050 | |
| 2 | .036 | .037 | .035 | BF | .033 | .031 | .032 | .032 | .034 | .038 | .040 | .042 | .044 | .046 | .050 | .050 | .049 | .049 | .040 | .041 | .039 | .036 | .037 | .030 | 23 | .050 | |
| 3 | .024 | .021 | .019 | BF | .013 | .009 | .014 | .032 | .039 | .045 | .047 | .050 | .049 | .047 | .047 | .048 | .046 | .043 | .041 | .042 | .040 | .038 | .043 | 23 | .050 | | |
| 4 | .044 | .043 | .040 | BF | .038 | .039 | .038 | .037 | .038 | .038 | .041 | .044 | .046 | .048 | .050 | .051 | .053 | .055 | .052 | .048 | .049 | .043 | .040 | .036 | 23 | .055 | |
| 5 | .035 | .033 | .032 | BF | .021 | .012 | .005 | .020 | .030 | .037 | .043 | .044 | .049 | .055 | .050 | .044 | .034 | .029 | .040 | .041 | .036 | .037 | .035 | .038 | 23 | .055 | |
| 6 | .042 | .039 | .038 | BF | .041 | .042 | .042 | .042 | .042 | .040 | .043 | .049 | .049 | .048 | .048 | .048 | .047 | .044 | .043 | .042 | .040 | .038 | .038 | .040 | 23 | .049 | |
| 7 | .039 | .038 | .035 | BF | .037 | .038 | .037 | .037 | .041 | .042 | .042 | .042 | .043 | .045 | .046 | .047 | .049 | .050 | .049 | .045 | .043 | .042 | .041 | .038 | 23 | .050 | |
| 8 | .034 | .032 | .024 | BF | .015 | .012 | .017 | .030 | .041 | .048 | .050 | .052 | .054 | .056 | .058 | .061 | .060 | .059 | .054 | .038 | .030 | .035 | .041 | .034 | 23 | .061 | |
| 9 | .033 | .017 | .018 | BF | .012 | .007 | .010 | .027 | .038 | .048 | .057 | .059 | .060 | .061 | .062 | .062 | .062 | .060 | .056 | .054 | .053 | .052 | .051 | .048 | 23 | .062 | |
| 10 | .047 | .046 | .020 | BF | .010 | .007 | .007 | .023 | .038 | .052 | .056 | .056 | .057 | .056 | .056 | .057 | .054 | .052 | .050 | .048 | .048 | .048 | .046 | .044 | 23 | .057 | |
| 11 | .042 | .043 | .039 | BF | .014 | .008 | .009 | .033 | .043 | .047 | BA | .051 | .051 | .051 | .051 | .050 | .048 | .045 | .042 | .042 | .042 | .041 | .039 | 22 | .051 | | |
| 12 | .037 | .034 | .028 | BF | .009 | .006 | .007 | .029 | .037 | .042 | .046 | .050 | .052 | .053 | .053 | .053 | .052 | .049 | .046 | .043 | .041 | .036 | .026 | .031 | 23 | .053 | |
| 13 | .029 | .020 | .017 | BF | .018 | .013 | .013 | .019 | .027 | .030 | .038 | .048 | .053 | .056 | .058 | .061 | .062 | .058 | .050 | .047 | .043 | .045 | .046 | .045 | 23 | .062 | |
| 14 | .043 | .037 | .038 | BF | .023 | .029 | .033 | .038 | .042 | .045 | .049 | .052 | .055 | .056 | .057 | .059 | .056 | .052 | .050 | .048 | .044 | .042 | .039 | .022 | 23 | .059 | |
| 15 | .015 | .016 | .011 | BF | .011 | .012 | .009 | .030 | .046 | .053 | .054 | .055 | .055 | .055 | .056 | .054 | .053 | .053 | .052 | .052 | .051 | .052 | .052 | .049 | 23 | .056 | |
| 16 | .046 | .042 | .038 | BF | .036 | .032 | .031 | .042 | .048 | .054 | .056 | .057 | .059 | .060 | .060 | .060 | .060 | .058 | .056 | .050 | .050 | .050 | .050 | .048 | 23 | .060 | |
| 17 | .047 | .045 | .045 | BF | .042 | .041 | .041 | .044 | .046 | .048 | .051 | .053 | .054 | .053 | .054 | .054 | .054 | .054 | .051 | .050 | .047 | .043 | .041 | .041 | 23 | .054 | |
| 18 | .037 | .034 | .031 | BF | .032 | .032 | .028 | .028 | .035 | BC | BC | BC | .048 | .050 | .050 | .051 | .049 | .046 | .045 | .046 | .042 | .042 | .040 | .039 | 20 | .051 | |
| 19 | .038 | .036 | .035 | BF | .031 | .029 | .028 | .029 | .030 | .030 | .028 | BC | BC | .039 | .042 | .041 | .037 | .034 | .036 | .034 | .025 | .013 | .006 | 21 | .042 | | |
| 20 | .003 | .002 | .002 | BF | .001 | .001 | .003 | .018 | .029 | .039 | .044 | .047 | .049 | .050 | .052 | .054 | .054 | .051 | .043 | .038 | .038 | .033 | .031 | .032 | 23 | .054 | |
| 21 | .033 | .033 | .032 | BF | .025 | .023 | .024 | .028 | .032 | .037 | .042 | .048 | .051 | .052 | .051 | .050 | .053 | .053 | .049 | .042 | .041 | .041 | .039 | .038 | 23 | .053 | |
| 22 | .036 | .034 | .032 | BF | .026 | .025 | .024 | .025 | .030 | .034 | .039 | .042 | .046 | .048 | .049 | .050 | .050 | .049 | .044 | .037 | .029 | .022 | .027 | .029 | 23 | .050 | |
| 23 | .031 | .032 | .032 | BF | .034 | .034 | .032 | .030 | .028 | .029 | .032 | .033 | .032 | .030 | .030 | .031 | .030 | .029 | .030 | .030 | .029 | .029 | .030 | .030 | 23 | .034 | |
| 24 | .029 | .028 | .027 | BF | .025 | .024 | .023 | .023 | .021 | .023 | .027 | .036 | .044 | .043 | .038 | .038 | .038 | .038 | .038 | .039 | .039 | .038 | .043 | .041 | 23 | .044 | |
| 25 | .040 | .041 | .045 | BF | .054 | .050 | .051 | .055 | .059 | .059 | .057 | .056 | .054 | .052 | .050 | .047 | .045 | .042 | .034 | .027 | .033 | .032 | .029 | .023 | 23 | .059 | |
| 26 | .019 | .018 | .015 | BF | .012 | .013 | .015 | .023 | .028 | .035 | .037 | .038 | .038 | .042 | .045 | .044 | .043 | .043 | .029 | .021 | .035 | .036 | .037 | .040 | 23 | .045 | |
| 27 | .045 | .046 | .045 | BF | .038 | .032 | .035 | .042 | .050 | .052 | .054 | .056 | .055 | .055 | .060 | .060 | .058 | .046 | .043 | .039 | .037 | .035 | .034 | .033 | 23 | .060 | |
| 28 | .029 | .025 | .021 | BF | .020 | .019 | .018 | .020 | .024 | .027 | .029 | .031 | .035 | .037 | .039 | .040 | .040 | .036 | .033 | .030 | .029 | .028 | .026 | .027 | 23 | .040 | |
| 29 | .028 | .028 | .029 | BF | .025 | .027 | .027 | .028 | .028 | .027 | .028 | .028 | .028 | .030 | .031 | .032 | .031 | .028 | .025 | .021 | .019 | .018 | .018 | .018 | 23 | .032 | |
| 30 | .018 | .016 | .015 | BF | .018 | .017 | .017 | .020 | .023 | .023 | .024 | .026 | .029 | .027 | .028 | .029 | .030 | .030 | .029 | .027 | .023 | .022 | .021 | .019 | 23 | .030 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 28 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .047 | .046 | .045 | | .054 | .050 | .051 | .055 | .059 | .059 | .057 | .059 | .060 | .061 | .062 | .062 | .062 | .060 | .056 | .054 | .053 | .052 | .052 | .049 | | | |
| AVG: | .0337 | .0315 | .0289 | | .0247 | .0230 | .0232 | .0303 | .0358 | .0397 | .0427 | .0450 | .0477 | .0485 | .0488 | .0492 | .0485 | .0465 | .0433 | .0398 | .0383 | .0371 | .0363 | .0347 | | | |

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .0381 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-107-0004 POC: 1
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .017 | .015 | .015 | BF | .014 | .014 | .018 | .023 | .027 | .032 | .034 | .033 | .034 | .033 | .032 | .033 | .031 | .031 | .029 | .026 | .025 | .024 | .024 | .024 | 23 | .034 | |
| 2 | .024 | .022 | .022 | BF | .028 | .029 | .030 | .033 | .038 | .043 | .047 | .051 | .054 | .054 | .056 | .058 | .057 | .057 | .052 | .037 | .035 | .026 | .018 | .027 | 23 | .058 | |
| 3 | .023 | .027 | .019 | BF | .011 | .011 | .020 | .037 | .044 | .049 | .053 | .056 | .059 | .064 | .068 | .067 | .066 | .065 | .055 | .026 | .021 | .037 | .037 | .046 | 23 | .068 | |
| 4 | .051 | .049 | .046 | BF | .042 | .040 | .041 | .044 | .050 | .056 | .057 | .056 | .055 | .054 | .052 | .050 | .050 | .046 | .047 | .047 | .048 | .047 | .040 | .029 | 23 | .057 | |
| 5 | .020 | .019 | .020 | BF | .028 | .032 | .030 | .035 | .038 | .039 | .039 | .039 | .041 | .043 | .047 | .052 | .052 | .049 | .045 | .041 | .041 | .041 | .038 | .036 | 23 | .052 | |
| 6 | .034 | .033 | .031 | BF | .028 | .026 | .026 | .027 | .026 | .025 | .024 | .026 | .026 | .031 | .040 | .045 | .046 | .046 | .041 | .038 | .032 | .035 | .037 | .042 | 23 | .046 | |
| 7 | .044 | .042 | .038 | BF | .032 | .028 | .029 | .031 | .036 | .039 | .042 | .044 | .045 | .046 | .047 | .047 | .047 | .047 | .043 | .028 | .019 | .015 | .016 | .015 | 23 | .047 | |
| 8 | .020 | .024 | .017 | BF | .010 | .008 | .011 | .025 | .037 | .046 | .051 | .054 | .056 | .058 | .060 | .062 | .064 | .065 | .060 | .031 | .025 | .019 | .017 | .013 | 23 | .065 | |
| 9 | .011 | .010 | .007 | BF | .003 | .002 | .005 | .018 | .028 | .034 | .039 | .045 | .044 | .045 | .042 | .050 | .051 | .047 | .027 | .017 | .017 | .019 | .014 | .016 | 23 | .051 | |
| 10 | .021 | .018 | .017 | BF | .025 | .021 | .026 | .027 | .033 | .044 | .052 | .056 | .059 | .059 | .059 | .059 | .061 | .063 | .048 | .032 | .041 | .043 | .040 | .037 | 23 | .063 | |
| 11 | .035 | .033 | .032 | BF | .015 | .014 | .021 | .030 | .036 | .043 | .052 | .058 | .060 | .061 | .060 | .059 | .054 | .054 | .027 | .015 | .035 | .047 | .046 | .043 | 23 | .061 | |
| 12 | .044 | .045 | .045 | BF | .044 | .043 | .038 | .036 | .037 | .035 | BA | .031 | .031 | .031 | .030 | .029 | .027 | .026 | .027 | .026 | .025 | .024 | .024 | .023 | 22 | .045 | |
| 13 | .023 | .021 | .021 | BF | .019 | .017 | .017 | .017 | .018 | .020 | .023 | .026 | .030 | .030 | .032 | .033 | .034 | .032 | .030 | .028 | .025 | .023 | .020 | .010 | 23 | .034 | |
| 14 | .008 | .009 | .009 | BF | .004 | .002 | .008 | .018 | .029 | .034 | .042 | .047 | .051 | .054 | .057 | .058 | .059 | .058 | .052 | .045 | .043 | .045 | .045 | .043 | 23 | .059 | |
| 15 | .040 | .038 | .037 | BF | .034 | .032 | .034 | .037 | .043 | .049 | .054 | .056 | .058 | .061 | .062 | .063 | .064 | .061 | .055 | .044 | .042 | .046 | .045 | .037 | 23 | .064 | |
| 16 | .023 | .016 | .023 | BF | .025 | .022 | .027 | .034 | .046 | .052 | .056 | .060 | .063 | .065 | .065 | .066 | .067 | .066 | .040 | .049 | .044 | .041 | .038 | .036 | 23 | .067 | |
| 17 | .027 | .026 | .027 | BF | .026 | .028 | .032 | .039 | .046 | .054 | .060 | .061 | .061 | .061 | .062 | .062 | .059 | .058 | .055 | .054 | .053 | .050 | .047 | .044 | 23 | .062 | |
| 18 | .040 | .034 | .032 | BF | .034 | .034 | .034 | .038 | .042 | .047 | .050 | .052 | .053 | .054 | .053 | .052 | .052 | .049 | .043 | .041 | .039 | .037 | .035 | .034 | 23 | .054 | |
| 19 | .031 | .028 | .027 | BF | .023 | .023 | .028 | .031 | .037 | .041 | .045 | .046 | .047 | .047 | .047 | .047 | .048 | .047 | .041 | .036 | .033 | .029 | .028 | .030 | 23 | .048 | |
| 20 | .030 | .025 | .023 | BF | .017 | .015 | .018 | .025 | .033 | .041 | .046 | .050 | .053 | .054 | .054 | .053 | .058 | .050 | .045 | .039 | .033 | .030 | .030 | .027 | 23 | .058 | |
| 21 | .027 | .026 | .026 | BF | .027 | .027 | .028 | .027 | .025 | .026 | .027 | .029 | .031 | .032 | .032 | .032 | .031 | .033 | .036 | .034 | .029 | .024 | .022 | .019 | .015 | 23 | .036 |
| 22 | .014 | .012 | .008 | BF | .009 | .009 | .015 | .022 | .028 | .030 | .031 | .033 | .036 | .039 | .042 | .042 | .044 | .041 | .039 | .032 | .029 | .025 | .027 | .027 | 23 | .044 | |
| 23 | .024 | .020 | .015 | BF | .019 | .019 | .021 | .020 | .019 | .021 | .023 | .029 | .031 | .033 | .029 | .027 | .025 | .028 | .029 | .027 | .026 | .024 | .023 | .021 | 23 | .033 | |
| 24 | .020 | .021 | .021 | BF | .018 | .022 | .018 | .025 | .030 | .031 | .032 | .030 | .028 | .028 | .030 | .031 | .031 | .028 | .029 | .035 | .033 | .032 | .029 | .028 | 23 | .035 | |
| 25 | .028 | .031 | .028 | BF | .029 | .027 | .026 | AZ | AZ | .040 | .042 | .044 | .047 | .046 | .049 | .049 | .048 | .046 | .045 | .043 | .041 | .039 | .037 | .035 | 21 | .049 | |
| 26 | .036 | .035 | .035 | BF | .033 | .032 | .032 | .035 | .041 | .047 | .053 | .055 | .056 | .057 | .058 | .059 | .060 | .060 | .058 | .035 | .026 | .017 | .007 | .002 | 23 | .060 | |
| 27 | .005 | .012 | .020 | BF | .005 | .004 | .020 | .030 | .042 | .050 | .054 | .056 | .058 | .059 | .057 | .061 | .061 | .060 | .040 | .020 | .012 | .039 | .038 | .034 | 23 | .061 | |
| 28 | .027 | .013 | .025 | BF | .022 | .021 | .021 | .026 | .037 | .045 | .050 | .048 | .054 | .057 | .058 | .056 | .055 | .052 | .046 | .036 | .020 | .036 | .038 | .033 | 23 | .058 | |
| 29 | .028 | .025 | .021 | BF | .013 | .013 | .021 | .031 | .042 | .050 | .052 | .054 | .056 | .056 | .055 | .055 | .054 | .053 | .047 | .016 | .027 | .024 | .029 | .041 | 23 | .056 | |
| 30 | .042 | .034 | .031 | BF | .028 | .026 | .024 | .026 | .030 | .033 | .035 | .038 | .041 | .042 | .043 | .045 | .045 | .040 | .028 | .021 | .019 | .024 | .029 | .028 | 23 | .045 | |
| 31 | .025 | .022 | .019 | BF | .018 | .018 | .018 | .024 | .027 | .028 | .030 | .036 | .040 | .044 | .044 | .038 | .031 | .027 | .028 | .024 | .015 | .016 | .019 | .015 | 23 | .044 | |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 30 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | | |
| MAX: | .051 | .049 | .046 | | .044 | .043 | .041 | .044 | .050 | .056 | .060 | .061 | .063 | .065 | .068 | .067 | .067 | .066 | .060 | .054 | .053 | .050 | .047 | .046 | | | |
| AVG: | .0272 | .0253 | .0244 | | .0220 | .0213 | .0238 | .0290 | .0348 | .0395 | .0432 | .0451 | .0470 | .0483 | .0491 | .0496 | .0495 | .0480 | .0415 | .0328 | .0306 | .0315 | .0301 | .0287 | | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0358 MONTHLY MAX: .068

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-107-0004 POC: 1
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .005 | .004 | .009 | BF | .013 | .011 | .014 | .023 | .030 | .038 | .047 | .052 | .057 | .060 | .060 | .062 | .065 | .056 | .038 | .032 | .038 | .036 | .022 | .022 | 23 | .065 | |
| 2 | .015 | .014 | .009 | BF | .006 | .008 | .011 | .027 | .036 | .047 | .054 | .058 | .060 | .062 | .061 | .063 | .064 | .062 | .057 | .022 | .011 | .006 | .002 | .006 | 23 | .064 | |
| 3 | .004 | .003 | .001 | BF | .001 | .004 | .011 | .021 | .042 | .062 | .064 | .065 | .067 | .067 | .069 | .069 | .069 | .071 | .036 | .050 | .035 | .008 | .015 | .008 | 23 | .071 | |
| 4 | .008 | .003 | .002 | BF | .001 | .001 | .011 | .026 | .039 | .049 | .053 | .054 | .058 | .058 | .055 | .053 | .043 | .036 | .033 | .028 | .025 | .024 | .021 | .019 | 23 | .058 | |
| 5 | .018 | .015 | .013 | BF | .011 | .011 | .013 | .015 | .018 | .020 | .022 | .023 | .019 | .023 | .023 | .019 | .021 | .027 | .026 | .022 | .021 | .028 | .031 | .025 | 23 | .031 | |
| 6 | .023 | .022 | .021 | BF | .020 | .023 | .025 | .032 | .039 | .048 | .052 | .052 | .053 | .052 | .053 | .056 | .056 | .055 | .037 | .021 | .017 | .022 | .024 | .011 | 23 | .056 | |
| 7 | .016 | .038 | .045 | BF | .043 | .037 | .033 | .028 | .025 | .031 | .040 | .042 | .041 | .041 | .039 | .040 | .039 | .037 | .036 | .035 | .035 | .035 | .034 | .035 | 23 | .045 | |
| 8 | .035 | .035 | .036 | BF | .034 | .033 | .032 | .030 | .029 | .029 | .030 | .032 | .034 | .035 | .035 | .034 | .033 | .031 | .025 | .015 | .012 | .012 | .007 | .003 | 23 | .036 | |
| 9 | .003 | .002 | .003 | BF | .002 | .003 | .011 | .024 | .034 | .039 | .046 | .050 | .054 | .054 | .053 | .052 | .053 | .054 | .037 | .041 | .040 | .041 | .037 | .033 | 23 | .054 | |
| 10 | .025 | .014 | .005 | BF | .002 | .004 | .023 | .035 | .044 | .048 | .051 | .053 | .056 | .056 | .056 | .055 | .053 | .047 | .045 | .045 | .041 | .040 | .036 | .032 | 23 | .056 | |
| 11 | .029 | .019 | .006 | BF | .002 | .013 | .020 | .029 | .035 | .041 | .044 | .046 | .047 | .049 | .048 | .051 | .046 | .041 | .041 | .040 | .039 | .036 | .032 | .029 | 23 | .051 | |
| 12 | .025 | .016 | .007 | BF | .007 | .010 | .015 | .031 | .039 | .047 | .052 | .054 | .056 | .054 | .055 | .054 | .053 | .048 | .041 | .039 | .040 | .036 | .032 | .029 | 23 | .056 | |
| 13 | .026 | .024 | .014 | BF | .014 | .009 | .024 | .029 | .036 | .040 | .042 | .048 | .050 | .048 | .049 | .049 | .046 | .046 | .041 | .036 | .029 | .025 | .026 | .025 | 23 | .050 | |
| 14 | .023 | .021 | .016 | BF | .008 | .008 | .012 | .026 | .044 | .051 | .055 | .057 | .056 | .055 | .056 | .056 | .054 | .052 | .041 | .037 | .036 | .040 | .037 | .024 | 23 | .057 | |
| 15 | .027 | .035 | .030 | BF | .014 | .014 | .021 | .039 | .043 | .050 | .052 | .053 | .055 | .057 | .057 | .058 | .057 | .049 | .041 | .035 | .028 | .026 | .025 | .019 | 23 | .058 | |
| 16 | .006 | .005 | .004 | BF | .010 | .009 | .009 | .011 | .021 | .029 | .032 | .034 | .042 | .046 | .042 | .033 | .033 | .033 | .031 | .027 | .023 | .016 | .011 | .007 | 23 | .046 | |
| 17 | .011 | .013 | .010 | BF | .013 | .013 | .014 | .022 | .027 | .028 | .028 | .028 | .026 | .028 | .024 | .027 | .028 | .026 | .026 | .025 | .024 | .022 | .020 | .020 | 23 | .028 | |
| 18 | .020 | .022 | .020 | BF | .016 | .012 | .017 | .023 | .027 | .029 | .031 | .031 | .033 | .036 | .034 | .032 | .029 | .025 | .023 | .020 | .017 | .014 | .012 | .010 | 23 | .036 | |
| 19 | .010 | .008 | .006 | BF | .006 | .008 | .010 | .014 | .017 | .020 | .022 | .023 | .024 | .024 | .025 | .020 | .021 | .022 | .019 | .016 | .016 | .015 | .014 | .014 | 23 | .025 | |
| 20 | .014 | .013 | .012 | BF | .012 | .031 | .030 | .029 | .027 | .034 | .037 | .037 | .031 | .030 | .033 | .030 | .026 | .022 | .017 | .013 | .015 | .013 | .012 | .011 | 23 | .037 | |
| 21 | .012 | .011 | .011 | BF | .013 | .013 | .013 | .015 | .018 | .020 | .027 | .027 | .029 | .029 | .029 | .029 | .027 | .023 | .016 | .012 | .019 | .017 | .016 | .013 | 23 | .029 | |
| 22 | .010 | .008 | .008 | BF | .006 | .005 | .007 | .011 | .016 | .026 | .030 | .028 | .026 | .024 | .021 | .022 | .019 | .018 | .015 | .012 | .010 | .009 | .011 | .009 | 23 | .030 | |
| 23 | .007 | .007 | .009 | BF | .008 | .008 | .009 | .010 | .012 | .014 | .018 | .021 | .024 | .024 | .024 | .024 | .024 | .024 | .023 | .021 | .021 | .019 | .018 | .019 | 23 | .024 | |
| 24 | .019 | .019 | .019 | BF | .018 | .018 | .017 | .019 | .024 | .027 | .030 | .033 | .036 | .035 | .032 | .031 | .031 | .024 | .023 | .020 | .019 | .017 | .012 | .015 | 23 | .036 | |
| 25 | .017 | .015 | .014 | BF | .011 | .009 | .009 | .013 | .016 | .022 | .028 | .034 | .036 | .038 | .044 | .043 | .043 | .042 | .031 | .021 | .026 | .022 | .008 | .008 | 23 | .044 | |
| 26 | .004 | .005 | .003 | BF | .025 | .027 | .028 | .032 | .038 | .044 | .047 | .045 | .045 | .046 | .047 | .048 | .049 | .051 | .042 | .016 | .010 | .007 | .004 | .001 | 23 | .051 | |
| 27 | .002 | .006 | .003 | BF | .004 | .002 | .014 | .024 | .034 | .045 | .051 | .055 | .060 | .058 | .053 | .054 | .054 | .052 | .052 | .036 | .025 | .034 | .033 | .011 | 23 | .060 | |
| 28 | .006 | .003 | .003 | BF | .001 | .001 | .016 | .025 | .034 | .040 | .044 | .047 | .048 | .049 | .051 | .051 | .052 | .050 | .039 | .020 | .032 | .038 | .012 | .007 | 23 | .052 | |
| 29 | .005 | .003 | .002 | BF | .001 | .001 | .006 | .024 | .036 | .045 | .049 | .052 | .055 | .054 | .052 | .050 | .050 | .046 | .044 | .041 | .041 | .037 | .036 | .033 | 23 | .055 | |
| 30 | .030 | .025 | .015 | BF | .003 | .002 | .013 | .029 | .033 | .033 | .034 | .035 | .033 | .026 | .026 | .022 | .020 | .020 | .019 | .016 | .014 | .012 | .013 | .012 | 23 | .035 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .035 | .038 | .045 | | .043 | .037 | .033 | .039 | .044 | .062 | .064 | .065 | .067 | .067 | .069 | .069 | .069 | .071 | .057 | .050 | .041 | .041 | .037 | .035 | | | |
| AVG: | .0152 | .0143 | .0119 | | .0108 | .0116 | .0163 | .0239 | .0304 | .0365 | .0404 | .0423 | .0437 | .0439 | .0435 | .0429 | .0419 | .0397 | .0332 | .0271 | .0253 | .0236 | .0204 | .0170 | | | |

MONTHLY OBSERVATIONS: 690 MONTHLY MEAN: .0285 MONTHLY MAX: .071

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-107-0004 POC: 1
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .011 | .009 | .008 | BF | .008 | .009 | .011 | .015 | .020 | .020 | .019 | .020 | .023 | .022 | .024 | .027 | .027 | .027 | .025 | .015 | .006 | .012 | .015 | .018 | 23 | .027 |
| 2 | .020 | .016 | .014 | BF | .016 | .018 | .022 | .028 | .032 | .036 | .037 | .035 | .035 | .041 | .044 | .046 | .046 | .043 | .037 | .025 | .014 | .013 | .017 | .020 | 23 | .046 |
| 3 | .018 | .017 | .015 | BF | .013 | .012 | .014 | .022 | .029 | .034 | .036 | .040 | .042 | .044 | .042 | .034 | .029 | .023 | .020 | .014 | .011 | .008 | .008 | .005 | 23 | .044 |
| 4 | .007 | .006 | .004 | BF | .003 | .004 | .009 | .009 | .015 | .025 | .030 | .031 | .033 | .035 | .035 | .036 | .033 | .026 | .027 | .034 | .028 | .021 | .017 | .011 | 23 | .036 |
| 5 | .010 | .007 | .008 | BF | .003 | .004 | .007 | .015 | .024 | .032 | .036 | .039 | .038 | .034 | .040 | .043 | .030 | .027 | .030 | .019 | .011 | .014 | .008 | .006 | 23 | .043 |
| 6 | .011 | .006 | .006 | BF | .006 | .006 | .009 | .017 | .027 | .037 | .041 | .040 | .041 | .043 | .043 | .042 | .040 | .038 | .033 | .024 | .027 | .029 | .028 | .027 | 23 | .043 |
| 7 | .028 | .025 | .024 | BF | .024 | .024 | .024 | .028 | .031 | .033 | .033 | .038 | .042 | .044 | .040 | .040 | .039 | .042 | .039 | .037 | .037 | .019 | .020 | .018 | 23 | .044 |
| 8 | .018 | .013 | .013 | BF | .018 | .019 | .021 | .024 | .030 | .034 | .038 | .040 | .043 | .043 | .043 | .043 | .038 | .042 | .040 | .036 | .032 | .044 | .034 | .027 | 23 | .044 |
| 9 | .026 | .023 | .016 | BF | .014 | .015 | .016 | .026 | .031 | .033 | .040 | .044 | .046 | .045 | .045 | .045 | .041 | .040 | .041 | .038 | .033 | .022 | .011 | .014 | 23 | .046 |
| 10 | .014 | .019 | .015 | BF | .006 | .005 | .015 | .025 | .031 | .032 | .038 | .040 | .043 | .038 | .030 | .023 | .028 | .026 | .024 | .021 | .023 | .022 | .019 | .014 | 23 | .043 |
| 11 | .009 | .009 | .009 | BF | .010 | .008 | .013 | .020 | .024 | .029 | .037 | .039 | .040 | .040 | .038 | .037 | .037 | .035 | .028 | .026 | .027 | .025 | .027 | .026 | 23 | .040 |
| 12 | .021 | .016 | .011 | BF | .008 | .009 | .013 | .019 | .025 | .030 | .031 | .032 | .034 | .034 | .034 | .033 | .032 | .031 | .028 | .024 | .018 | .015 | .013 | .012 | 23 | .034 |
| 13 | .011 | .008 | .007 | BF | .004 | .004 | .007 | .010 | .014 | .020 | .025 | .028 | .031 | .032 | .032 | .030 | .029 | .027 | .026 | .018 | .015 | .014 | .014 | .013 | 23 | .032 |
| 14 | .011 | .009 | .008 | BF | .007 | .007 | .009 | .013 | .018 | BA | .029 | .031 | .035 | .037 | .037 | .036 | .033 | .030 | .028 | .025 | .022 | .017 | .015 | .014 | 22 | .037 |
| 15 | .013 | .011 | .011 | BF | .010 | .008 | .010 | .015 | .025 | .037 | .044 | .047 | .047 | .048 | .045 | .042 | .047 | .043 | .044 | .041 | .039 | .035 | .029 | .025 | 23 | .048 |
| 16 | .026 | .026 | .033 | BF | .020 | .015 | .013 | .015 | .019 | .024 | .034 | .037 | .034 | .033 | .030 | .027 | .028 | .028 | .025 | .025 | .020 | .015 | .022 | .018 | 23 | .037 |
| 17 | .009 | .007 | .009 | BF | .012 | .013 | .013 | .014 | .019 | .025 | .031 | .033 | .031 | .032 | .035 | .034 | .030 | .029 | .025 | .020 | .018 | .018 | .015 | .006 | 23 | .035 |
| 18 | .001 | .003 | .005 | BF | .005 | .005 | .003 | .005 | .009 | .018 | .030 | .035 | .035 | .033 | .026 | .029 | .035 | .033 | .029 | .022 | .013 | .012 | .003 | .002 | 23 | .035 |
| 19 | .005 | .001 | .007 | BF | .001 | .001 | .007 | .016 | .026 | .030 | .033 | .036 | .038 | .038 | .029 | .034 | .036 | .034 | .031 | .025 | .018 | .011 | .003 | .004 | 23 | .038 |
| 20 | .002 | .004 | .002 | BF | .002 | .001 | .011 | .021 | .032 | .043 | .055 | .058 | .061 | .059 | .058 | .054 | .052 | .048 | .039 | .033 | .032 | .037 | .034 | .028 | 23 | .061 |
| 21 | .022 | .018 | .013 | BF | .010 | .009 | .012 | .019 | .029 | .039 | .047 | .051 | .053 | .054 | .053 | .050 | .048 | .047 | .043 | .045 | .048 | .042 | .033 | .026 | 23 | .054 |
| 22 | .023 | .022 | .021 | BF | .018 | .016 | .017 | .022 | .028 | .035 | .039 | .040 | .040 | .042 | .044 | .044 | .043 | .042 | .039 | .037 | .034 | .035 | .035 | .033 | 23 | .044 |
| 23 | .030 | .029 | .031 | BF | .030 | .028 | .027 | .028 | .030 | .035 | .038 | .041 | .043 | .047 | .047 | .039 | .040 | .039 | .038 | .034 | .038 | .045 | .039 | .038 | 23 | .047 |
| 24 | .029 | .022 | .022 | BF | .023 | .019 | .020 | .027 | .033 | .036 | .037 | .040 | .041 | .041 | .040 | .042 | .043 | .043 | .038 | .030 | .015 | .022 | .021 | .019 | 23 | .043 |
| 25 | .022 | .024 | .026 | BF | .025 | .020 | .020 | .024 | .029 | .041 | .047 | .052 | .056 | .055 | .057 | .056 | .054 | .047 | .045 | .045 | .041 | .040 | .039 | .038 | 23 | .057 |
| 26 | .040 | .039 | .038 | BF | .031 | .027 | .026 | .031 | .033 | .035 | .036 | .040 | .042 | .042 | .043 | .043 | .042 | .042 | .036 | .035 | .031 | .032 | .033 | .017 | 23 | .043 |
| 27 | .012 | .012 | .011 | BF | .004 | .001 | .007 | .025 | .034 | .038 | .043 | .048 | .049 | .048 | .046 | .044 | .042 | .042 | .041 | .038 | .033 | .030 | .029 | .028 | 23 | .049 |
| 28 | .029 | .027 | .027 | BF | .020 | .015 | .014 | .017 | .021 | .028 | .033 | .035 | .038 | .036 | .036 | .036 | .032 | .029 | .028 | .028 | .025 | .024 | .024 | .022 | 23 | .038 |
| 29 | .025 | .031 | .027 | BF | .020 | .016 | .014 | .012 | .016 | .024 | .028 | .032 | .036 | .039 | .041 | .040 | .038 | .036 | .036 | .034 | .032 | .030 | .028 | .025 | 23 | .041 |
| 30 | .025 | .024 | .023 | BF | .020 | .019 | .020 | .022 | .027 | .032 | .035 | .038 | .040 | .042 | .041 | .041 | .042 | .042 | .039 | .037 | .025 | .013 | .011 | .005 | 23 | .042 |
| 31 | .003 | .001 | .001 | BF | .004 | .013 | .016 | .023 | .030 | .036 | .040 | .044 | .044 | .044 | .043 | .042 | .040 | .037 | .035 | .027 | .017 | .012 | .007 | .005 | 23 | .044 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .040 | .039 | .038 | | .031 | .028 | .027 | .031 | .034 | .043 | .055 | .058 | .061 | .059 | .058 | .056 | .054 | .048 | .045 | .045 | .048 | .045 | .039 | .038 | | |
| AVG: | .0171 | .0156 | .0150 | | .0127 | .0119 | .0142 | .0196 | .0255 | .0317 | .0361 | .0388 | .0405 | .0408 | .0400 | .0391 | .0379 | .0361 | .0335 | .0294 | .0253 | .0235 | .0210 | .0182 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0271 MONTHLY MAX: .061

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-107-0004 POC: 1
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .003 | .001 | .001 | BF | .000 | .000 | .004 | .021 | .031 | .038 | .039 | .040 | .042 | .043 | .043 | .043 | .041 | .037 | .026 | .012 | .011 | .006 | .003 | 23 | .043 | |
| 2 | .001 | .001 | .001 | BF | .000 | .000 | .001 | .011 | .026 | .042 | .051 | .053 | .048 | .046 | .046 | .046 | .047 | .044 | .036 | .017 | .013 | .027 | .023 | .012 | 23 | .053 |
| 3 | .018 | .008 | .005 | BF | .005 | .008 | .018 | .019 | .022 | .029 | .039 | .042 | .041 | .042 | .040 | .038 | .037 | .040 | .036 | .034 | .029 | .026 | .017 | .017 | 23 | .042 |
| 4 | .011 | .009 | .004 | BF | .003 | .001 | .004 | .017 | .030 | .036 | .040 | .041 | .042 | .040 | .039 | .039 | .037 | .036 | .034 | .029 | .025 | .024 | .025 | .023 | 23 | .042 |
| 5 | .020 | .018 | .018 | BF | .019 | .016 | .016 | .018 | .023 | .032 | .036 | .039 | .042 | .044 | .047 | .048 | .048 | .049 | .050 | .042 | .029 | .025 | .021 | .018 | 23 | .050 |
| 6 | .012 | .023 | .022 | BF | .034 | .031 | .029 | .028 | .023 | .026 | .032 | .035 | .039 | .038 | .039 | .041 | .039 | .035 | .028 | .021 | .017 | .017 | .011 | .009 | 23 | .041 |
| 7 | .009 | .008 | .005 | BF | .004 | .005 | .007 | .009 | .010 | .016 | .022 | .025 | .026 | .028 | .026 | .022 | .021 | .023 | .021 | .021 | .023 | .016 | .010 | .008 | 23 | .028 |
| 8 | .008 | .009 | .010 | BF | .011 | .012 | .013 | .014 | .023 | .036 | .031 | .033 | .036 | .035 | .032 | .024 | .023 | .021 | .022 | .019 | .017 | .017 | .016 | .021 | 23 | .036 |
| 9 | .025 | .025 | .024 | BF | .019 | .019 | .017 | .015 | .019 | .025 | .035 | .044 | .045 | .043 | .042 | .041 | .037 | .038 | .038 | .027 | .011 | .010 | .008 | .008 | 23 | .045 |
| 10 | .003 | .001 | .001 | BF | .015 | .014 | .018 | .026 | .032 | .036 | .038 | .039 | .039 | .038 | .038 | .038 | .035 | .029 | .024 | .018 | .012 | .006 | .005 | .006 | 23 | .039 |
| 11 | .007 | .007 | .006 | BF | .007 | .007 | .008 | .014 | .017 | .019 | .022 | .029 | .028 | .029 | .026 | .026 | .023 | .019 | .015 | .013 | .010 | .011 | .010 | .009 | 23 | .029 |
| 12 | .009 | .009 | .005 | BF | .005 | .006 | .006 | .008 | .012 | .017 | .020 | .021 | .023 | .024 | .024 | .023 | .025 | .025 | .018 | .021 | .014 | .008 | .008 | .009 | 23 | .025 |
| 13 | .011 | .009 | .010 | BF | .009 | .006 | .008 | .010 | .017 | .023 | .030 | .030 | .029 | .027 | .025 | .023 | .022 | .017 | .015 | .012 | .012 | .012 | .009 | .010 | 23 | .030 |
| 14 | .013 | .015 | .012 | BF | .017 | .014 | .014 | .016 | .020 | .023 | .022 | BA | .023 | .022 | .023 | .025 | .024 | .019 | .017 | .012 | .006 | .005 | .004 | .003 | 22 | .025 |
| 15 | .004 | .006 | .005 | BF | .004 | .004 | .005 | .010 | .019 | .027 | .027 | .031 | .032 | .034 | .036 | .034 | .034 | .031 | .031 | .016 | .009 | .016 | .022 | .012 | 23 | .036 |
| 16 | .009 | .010 | .006 | BF | .014 | .016 | .018 | .019 | .016 | .016 | .021 | .026 | .035 | .037 | .035 | .034 | .034 | .033 | .026 | .005 | .002 | .001 | .023 | .001 | 23 | .037 |
| 17 | .002 | .001 | .001 | BF | .002 | .002 | .009 | .016 | .025 | .028 | .029 | .036 | .040 | .039 | .034 | .031 | .027 | .027 | .018 | .007 | .005 | .007 | .008 | .008 | 23 | .040 |
| 18 | .009 | .011 | .010 | BF | .017 | .016 | .021 | .020 | .028 | .031 | .036 | .038 | .036 | .035 | .034 | .035 | .038 | .035 | .037 | .036 | .037 | .034 | .032 | .029 | 23 | .038 |
| 19 | .026 | .023 | .020 | BF | .015 | .011 | .012 | .017 | .024 | .034 | .042 | .045 | .047 | .050 | .039 | .029 | .028 | .026 | .025 | .021 | .011 | .008 | .004 | .005 | 23 | .050 |
| 20 | .002 | .000 | .000 | BF | .010 | .013 | .013 | .018 | .023 | .031 | .040 | .047 | .052 | .051 | .050 | .048 | .046 | .041 | .035 | .026 | .019 | .015 | .004 | .001 | 23 | .052 |
| 21 | .001 | .000 | .001 | BF | .004 | .004 | .008 | .014 | .027 | .030 | .035 | .038 | .039 | .039 | .036 | .039 | .040 | .037 | .029 | .018 | .011 | .002 | .001 | .001 | 23 | .040 |
| 22 | .000 | .001 | .002 | BF | .001 | .001 | .002 | .012 | .013 | .013 | .016 | .021 | .021 | .015 | .020 | .020 | .019 | .017 | .016 | .014 | .012 | .013 | .012 | .012 | 23 | .021 |
| 23 | .010 | .009 | .006 | BF | .007 | .005 | .007 | BA | 6 | .010 |
| 24 | BA | BA | BA | BA | BA | BA | BA | BF | BF | BF | BF | .040 | .046 | .048 | .047 | .048 | .049 | .045 | .028 | .014 | .007 | .016 | .027 | .029 | 13 | .049 |
| 25 | .030 | .032 | .030 | BF | .021 | .027 | .026 | .029 | .039 | .043 | .047 | .049 | .050 | .050 | .050 | .050 | .049 | .043 | .032 | .016 | .009 | .007 | .005 | .012 | 23 | .050 |
| 26 | .021 | .025 | .027 | BF | .028 | .028 | .029 | .034 | .041 | .042 | .043 | .045 | .044 | .044 | .046 | .046 | .043 | .031 | .034 | .028 | .012 | .022 | .029 | .030 | 23 | .046 |
| 27 | .028 | .030 | .029 | BF | .024 | .023 | .026 | .034 | .042 | .047 | .048 | .048 | .049 | .049 | .052 | .053 | .053 | .052 | .048 | .043 | .039 | .036 | .034 | .033 | 23 | .053 |
| 28 | .031 | .030 | .028 | BF | .026 | .026 | .028 | .032 | .035 | .037 | .039 | .038 | .038 | .035 | .034 | .034 | .031 | .028 | .029 | .027 | .026 | .024 | .022 | .023 | 23 | .039 |
| 29 | .022 | .020 | .018 | BF | .012 | .011 | .011 | .012 | .015 | .018 | .019 | .021 | .026 | .029 | .031 | .034 | .042 | .044 | .040 | .036 | .037 | .036 | .033 | .033 | 23 | .044 |
| 30 | .031 | .028 | .027 | BF | .027 | .026 | .028 | .030 | .030 | .031 | .033 | .037 | .040 | .042 | .044 | .046 | .049 | .044 | .023 | .016 | .019 | .019 | .021 | .020 | 23 | .049 |
| 31 | .018 | .016 | .015 | BF | .013 | .013 | .015 | .018 | .023 | .030 | .038 | .042 | .043 | .042 | .042 | .041 | .039 | .037 | .025 | .021 | .018 | .014 | .014 | .013 | 23 | .043 |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .031 | .032 | .030 | | .034 | .031 | .029 | .034 | .042 | .047 | .051 | .053 | .052 | .051 | .052 | .053 | .053 | .052 | .050 | .043 | .039 | .036 | .034 | .033 | | |
| AVG: | .0131 | .0128 | .0116 | | .0124 | .0122 | .0140 | .0187 | .0243 | .0295 | .0334 | .0370 | .0380 | .0379 | .0373 | .0366 | .0361 | .0336 | .0289 | .0219 | .0168 | .0162 | .0148 | .0139 | | |

MONTHLY OBSERVATIONS: 685 MONTHLY MEAN: .0239 MONTHLY MAX: .053

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-107-0004 POC: 1
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .007 | .002 | .003 | BF | .005 | .004 | .003 | .008 | .015 | .022 | .027 | .029 | .029 | .028 | .028 | .026 | .025 | .033 | .032 | .023 | .028 | .026 | .019 | .021 | 23 | .033 | |
| 2 | .019 | .020 | .018 | BF | .016 | .015 | .012 | .012 | .011 | .022 | .025 | .026 | .027 | .031 | .030 | .029 | .030 | .031 | .030 | .028 | .021 | .015 | .012 | .012 | 23 | .031 | |
| 3 | .014 | .014 | .012 | BF | .010 | .007 | .006 | .011 | .018 | .024 | .029 | .033 | .038 | .037 | .035 | .036 | .037 | .036 | .021 | .008 | .004 | .002 | .001 | .001 | 23 | .038 | |
| 4 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .005 | .021 | .035 | .039 | .042 | .044 | .044 | .047 | .046 | .045 | .042 | .038 | .034 | .033 | .033 | .030 | .029 | 23 | .047 | |
| 5 | .028 | .025 | .022 | BF | .018 | .020 | .019 | .025 | .029 | .032 | .033 | .034 | .035 | .037 | .037 | .035 | .033 | .028 | .029 | .024 | .025 | .024 | .022 | .038 | 23 | .038 | |
| 6 | .033 | .027 | .030 | BF | .024 | .026 | .017 | .021 | .025 | .029 | .033 | .035 | .036 | .028 | .027 | .024 | .028 | .033 | .041 | .035 | .032 | .025 | .027 | .025 | 23 | .041 | |
| 7 | .025 | .024 | .023 | BF | .026 | .017 | .013 | .012 | .022 | .031 | .038 | .042 | .043 | .045 | .048 | .051 | .055 | .052 | .022 | .008 | .004 | .002 | .002 | .001 | 23 | .055 | |
| 8 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .015 | .028 | .034 | .039 | .042 | .043 | .042 | .041 | .041 | .040 | .037 | .029 | .005 | .003 | .003 | .003 | .003 | .007 | 23 | .043 |
| 9 | .009 | .010 | .006 | BF | .003 | .010 | .014 | .021 | .028 | .034 | .041 | .044 | .044 | .043 | .043 | .045 | .043 | .041 | .038 | .036 | .035 | .034 | .031 | .028 | 23 | .045 | |
| 10 | .026 | .028 | .027 | BF | .025 | .025 | .023 | .021 | .022 | .025 | .028 | .031 | .031 | .033 | .033 | .033 | .033 | .032 | .032 | .027 | .025 | .025 | .025 | .026 | 23 | .033 | |
| 11 | .024 | .024 | .024 | BF | .025 | .025 | .025 | .026 | .026 | .026 | .026 | .028 | .029 | .029 | .029 | .027 | .027 | .027 | .027 | .026 | .025 | .025 | .026 | .027 | 23 | .029 | |
| 12 | .027 | .027 | .026 | BF | .024 | .024 | .023 | .022 | .021 | .020 | .025 | .025 | .026 | .025 | .025 | .026 | .025 | .022 | .016 | .012 | .012 | .010 | .009 | .009 | 23 | .027 | |
| 13 | .008 | .011 | .011 | BF | .004 | .005 | .004 | .011 | .020 | .028 | .034 | .037 | .037 | .038 | .039 | .040 | .041 | .033 | .015 | .024 | .025 | .025 | .022 | .019 | 23 | .041 | |
| 14 | .015 | .016 | .017 | BF | .014 | .008 | .013 | .019 | .028 | .035 | .037 | .038 | .040 | .040 | .041 | .036 | .038 | .022 | .007 | .004 | .001 | .002 | .001 | .001 | 23 | .043 | |
| 15 | .014 | .011 | .011 | BF | .008 | .005 | .004 | .011 | .018 | .026 | .034 | .040 | .043 | .042 | .041 | .036 | .038 | .022 | .007 | .004 | .001 | .002 | .001 | .001 | 23 | .043 | |
| 16 | .001 | .001 | .001 | BF | .001 | .002 | .003 | .006 | .018 | .030 | .033 | .037 | .040 | .042 | .044 | .042 | .041 | .038 | .033 | .028 | .024 | .026 | .024 | .024 | 23 | .044 | |
| 17 | .019 | .017 | .020 | BF | .019 | .021 | .020 | .020 | .022 | .024 | .025 | .024 | .022 | .023 | .023 | .023 | .023 | .024 | .023 | .024 | .022 | .020 | .017 | .018 | 23 | .025 | |
| 18 | .018 | .016 | .015 | BF | .013 | .012 | .012 | .013 | .013 | BA | .018 | .023 | .025 | .026 | .026 | .028 | .027 | .026 | .023 | .021 | .020 | .019 | .018 | .018 | 22 | .028 | |
| 19 | .017 | .016 | .016 | BF | .016 | .012 | .015 | .017 | .018 | .021 | .024 | .027 | .028 | .030 | .031 | .031 | .030 | .026 | .014 | .006 | .003 | .002 | .001 | .001 | 23 | .031 | |
| 20 | .001 | .002 | .002 | BF | .003 | .002 | .002 | .013 | .030 | .046 | .055 | .057 | .056 | .056 | .057 | .057 | .051 | .043 | .026 | .011 | .006 | .003 | .007 | .004 | 23 | .057 | |
| 21 | .002 | .001 | .001 | BF | .002 | .001 | .002 | .014 | .026 | .039 | .047 | .052 | .054 | .044 | .041 | .043 | .041 | .029 | .025 | .016 | .019 | .009 | .004 | .003 | 23 | .054 | |
| 22 | .003 | .001 | .001 | BF | .001 | .001 | .001 | .006 | .026 | .039 | .048 | .050 | .052 | .052 | .052 | .052 | .049 | .040 | .015 | .011 | .008 | .007 | .004 | .005 | 23 | .052 | |
| 23 | .003 | .003 | .002 | BF | .001 | .001 | .001 | .010 | .033 | .046 | .050 | .057 | .056 | .050 | .047 | .050 | .050 | .042 | .022 | .009 | .006 | .011 | .011 | .009 | 23 | .057 | |
| 24 | .009 | .014 | .018 | BF | .016 | .015 | .012 | .019 | .028 | .037 | .043 | .044 | .043 | .045 | .046 | .043 | .043 | .037 | .027 | .034 | .038 | .038 | .038 | .037 | 23 | .046 | |
| 25 | .035 | .032 | .028 | BF | .023 | .019 | .018 | .021 | .025 | .027 | .027 | .027 | .024 | .027 | .028 | .024 | .023 | .022 | .022 | .022 | .024 | .023 | .020 | .019 | 23 | .035 | |
| 26 | .018 | .018 | .017 | BF | .015 | .014 | .012 | .012 | .012 | .015 | .016 | .018 | .020 | .022 | .022 | .020 | .018 | .018 | .017 | .016 | .015 | .015 | .014 | .014 | 23 | .022 | |
| 27 | .014 | .014 | .014 | BF | .013 | .013 | .014 | .014 | .016 | .018 | .020 | .024 | .027 | .031 | .029 | .028 | .027 | .022 | .021 | .019 | .016 | .009 | .008 | .003 | 23 | .031 | |
| 28 | .004 | .005 | .008 | BF | .012 | .010 | .009 | .015 | .037 | .051 | .056 | .059 | .061 | .065 | .069 | .066 | .066 | .036 | .020 | .012 | .009 | .005 | .009 | .039 | 23 | .069 | |
| 29 | .043 | .047 | .044 | BF | .037 | .032 | .028 | .029 | .036 | .039 | .038 | .037 | .036 | .036 | .036 | .034 | .036 | .035 | .032 | .027 | .026 | .024 | .019 | .019 | 23 | .047 | |
| 30 | .018 | .019 | .020 | BF | .014 | .009 | .008 | .016 | .029 | .039 | .044 | .046 | .046 | .046 | .046 | .047 | .047 | .045 | .041 | .037 | .034 | .031 | .031 | .030 | 23 | .047 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .043 | .047 | .044 | | .037 | .032 | .028 | .029 | .037 | .051 | .056 | .059 | .061 | .065 | .069 | .066 | .066 | .052 | .041 | .037 | .038 | .038 | .038 | .038 | | .039 | |
| AVG: | .0152 | .0149 | .0146 | | .0130 | .0119 | .0112 | .0155 | .0234 | .0308 | .0344 | .0369 | .0378 | .0379 | .0380 | .0375 | .0368 | .0324 | .0251 | .0202 | .0192 | .0172 | .0158 | .0168 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0242 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-107-0004 POC: 1
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .028 | .026 | .024 | BF | .023 | .021 | .021 | .021 | .024 | .027 | .033 | .037 | .038 | .039 | .040 | .040 | .040 | .038 | .033 | .028 | .028 | .028 | .028 | .028 | 23 | .040 | |
| 2 | .027 | .025 | .024 | BF | .021 | .017 | .017 | .022 | .030 | .036 | .038 | .039 | .040 | .041 | .042 | .043 | .043 | .038 | .029 | .025 | .024 | .025 | .024 | .020 | 23 | .043 | |
| 3 | .022 | .027 | .030 | BF | .027 | .022 | .017 | .026 | .038 | .041 | .043 | .046 | .048 | .048 | .047 | .047 | .047 | .043 | .037 | .033 | .029 | .030 | .027 | .027 | 23 | .048 | |
| 4 | .024 | .021 | .019 | BF | .014 | .012 | .011 | .011 | .018 | .025 | .034 | .036 | .040 | .040 | .039 | .039 | .039 | .034 | .022 | .011 | .004 | .003 | .002 | .002 | 23 | .040 | |
| 5 | .001 | .005 | .005 | BF | .008 | .003 | .001 | .004 | .023 | .037 | .043 | .043 | .042 | .042 | .041 | .040 | .038 | .033 | .023 | .027 | .023 | .020 | .011 | .011 | 23 | .043 | |
| 6 | .007 | .005 | .002 | BF | .001 | .001 | .001 | .003 | .018 | .032 | .035 | .036 | .037 | .037 | .036 | .035 | .035 | .033 | .030 | .027 | .024 | .014 | .006 | .003 | 23 | .037 | |
| 7 | .002 | .002 | .001 | BF | .001 | .002 | .002 | .007 | .016 | .021 | .025 | .025 | .023 | .021 | .024 | .024 | .023 | .023 | .021 | .020 | .017 | .016 | .016 | .017 | 23 | .025 | |
| 8 | .018 | .017 | .015 | BF | .011 | .008 | .007 | .013 | .018 | .020 | .020 | .020 | .020 | .020 | .021 | .021 | .020 | .019 | .017 | .013 | .010 | .011 | .010 | .010 | 23 | .021 | |
| 9 | .011 | .011 | .014 | BF | .017 | .016 | .015 | .016 | .017 | .018 | .019 | .020 | .021 | .017 | .015 | .015 | .016 | .014 | .014 | .012 | .008 | .009 | .009 | .008 | 23 | .021 | |
| 10 | .009 | .011 | .009 | BF | .007 | .006 | .004 | .007 | .011 | .013 | .018 | .020 | .023 | .024 | .021 | .019 | .018 | .014 | .011 | .010 | .008 | .007 | .007 | .009 | 23 | .024 | |
| 11 | .008 | .008 | .006 | BF | .009 | .011 | .009 | .012 | .016 | .017 | .020 | .022 | .023 | .024 | .025 | .023 | .019 | .017 | .015 | .013 | .010 | .010 | .009 | .009 | 23 | .025 | |
| 12 | .010 | .010 | .009 | BF | .005 | .003 | .004 | .006 | .007 | .007 | .017 | .022 | .026 | .031 | .028 | .032 | .031 | .032 | .031 | .027 | .026 | .026 | .026 | .027 | .025 | 23 | .032 |
| 13 | .023 | .021 | .020 | BF | .021 | .022 | .023 | .023 | .024 | .026 | .030 | .030 | .031 | .034 | .035 | .034 | .032 | .030 | .030 | .028 | .026 | .025 | .024 | .024 | 23 | .035 | |
| 14 | .022 | .021 | .020 | BF | .018 | .017 | .016 | .014 | .014 | .015 | .016 | .019 | .022 | .024 | .027 | .027 | .025 | .019 | .016 | .014 | .013 | .013 | .014 | .011 | 23 | .027 | |
| 15 | .009 | .009 | .009 | BF | .006 | .012 | .009 | .014 | .025 | .028 | .029 | .032 | .034 | .035 | .037 | .036 | .034 | .030 | .026 | .024 | .024 | .023 | .021 | .021 | 23 | .037 | |
| 16 | .014 | .010 | .007 | BF | .003 | .006 | .008 | .011 | .018 | .023 | .023 | .026 | .025 | .026 | .027 | .026 | .023 | .027 | .022 | .018 | .019 | .023 | .024 | .024 | 23 | .027 | |
| 17 | .023 | .023 | .022 | BF | .019 | .018 | .016 | .017 | .020 | .023 | .027 | .033 | .035 | .037 | .039 | .039 | .038 | .033 | .019 | .012 | .007 | .007 | .008 | .014 | 23 | .039 | |
| 18 | .011 | .010 | .009 | BF | .012 | .014 | .013 | .018 | AZ | .030 | .035 | .037 | .039 | .040 | .040 | .041 | .040 | .028 | .014 | .007 | .005 | .009 | .010 | .008 | 22 | .041 | |
| 19 | .004 | .005 | .006 | BF | .009 | .012 | .010 | .013 | .023 | .029 | .033 | .038 | .042 | .045 | .047 | .047 | .044 | .028 | .015 | .007 | .004 | .003 | .002 | .002 | 23 | .047 | |
| 20 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .004 | .018 | .033 | .041 | .052 | .057 | .060 | .060 | .059 | .055 | .038 | .020 | .013 | .011 | .007 | .006 | .003 | 23 | .060 | |
| 21 | .002 | .002 | .002 | BF | .001 | .001 | .001 | .002 | .017 | .043 | .051 | .056 | .059 | .061 | .062 | .061 | .054 | .030 | .021 | .026 | .031 | .018 | .015 | .011 | 23 | .062 | |
| 22 | .008 | .006 | .003 | AN | AN | .001 | .002 | .005 | .006 | .009 | .013 | .013 | .013 | .013 | .013 | .012 | .013 | .011 | .009 | .007 | .006 | .004 | .003 | .003 | 22 | .013 | |
| 23 | .003 | .003 | .004 | BF | .010 | .007 | .007 | .013 | .032 | .042 | .045 | .046 | .046 | .044 | .041 | .036 | .030 | .024 | .026 | .024 | .026 | .030 | .029 | .028 | 23 | .046 | |
| 24 | .027 | .029 | .023 | AT | .016 | .022 | .020 | .024 | .027 | .032 | .035 | .038 | .043 | .044 | .043 | .044 | .044 | .037 | .017 | .011 | .013 | .018 | .017 | .017 | 23 | .044 | |
| 25 | .026 | .025 | .024 | BF | .018 | .014 | .016 | .019 | .026 | .030 | .034 | .038 | .041 | .044 | .046 | .048 | .046 | .038 | .023 | .015 | .007 | .007 | .007 | .023 | 23 | .048 | |
| 26 | .024 | .022 | .021 | BF | .022 | .016 | .016 | .019 | .021 | .025 | .028 | .033 | .036 | .038 | .041 | .043 | .042 | .030 | .018 | .013 | .008 | .005 | .004 | .004 | 23 | .043 | |
| 27 | .003 | .002 | .002 | BF | .002 | .002 | .002 | .004 | .015 | .034 | .040 | .045 | .046 | .048 | .049 | .048 | .048 | .045 | .042 | .039 | .024 | .016 | .011 | .009 | 23 | .049 | |
| 28 | .007 | .004 | .004 | BF | .002 | .002 | .002 | .004 | .012 | .019 | .026 | .040 | .043 | .042 | .042 | .042 | .041 | .038 | .033 | .032 | .028 | .023 | .026 | .027 | 23 | .043 | |
| 29 | .031 | .029 | .027 | BF | .030 | .027 | .026 | .026 | .025 | .025 | .028 | .028 | .030 | .031 | .032 | .032 | .030 | .027 | .021 | .019 | .019 | .019 | .020 | .020 | 23 | .032 | |
| 30 | .021 | .021 | .021 | AT | .021 | .020 | .020 | .020 | .022 | .025 | .027 | .029 | .032 | .033 | .036 | .036 | .034 | .023 | .012 | .008 | .006 | .006 | .005 | .018 | 23 | .036 | |
| 31 | .018 | .010 | .006 | BF | .002 | .002 | .002 | .005 | .019 | .029 | .035 | .040 | .046 | .050 | .052 | .052 | .047 | .029 | .019 | .016 | .010 | .004 | .003 | .003 | 23 | .052 | |
| NO.: | 31 | 31 | 31 | | 30 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | | |
| MAX: | .031 | .029 | .030 | | .030 | .027 | .026 | .026 | .038 | .043 | .051 | .056 | .059 | .061 | .062 | .061 | .055 | .045 | .042 | .039 | .031 | .030 | .029 | .028 | | | |
| AVG: | .0143 | .0136 | .0125 | | .0119 | .0109 | .0103 | .0130 | .0200 | .0263 | .0304 | .0335 | .0355 | .0365 | .0370 | .0368 | .0351 | .0291 | .0221 | .0187 | .0161 | .0148 | .0137 | .0142 | | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0220 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-107-0004 POC: 1
 COUNTY: (107) Lenoir
 CITY: (35920) Kinston
 SITE ADDRESS: HIGHWAY 70 EAST AND HIGHWAY 58 SOUTH
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.231459
 LONGITUDE: -77.568792
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 15
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .002 | .001 | .001 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .002 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .002 | .001 | .001 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0020 | .0010 | .0010 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0013 MONTHLY MAX: .002

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-109-0004 POC: 1
 COUNTY: (109) Lincoln
 CITY: (38320) Lincolnton
 SITE ADDRESS: 1487 RIVERVIEW ROAD
 SITE COMMENTS: UPWIND LOCATION FOR GASTON COUNTY LABORATORY
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.438556
 LONGITUDE: -81.27675
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 270
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .024 | .023 | .023 | BF | .021 | .022 | .019 | .021 | .024 | .025 | .026 | .027 | .030 | .032 | .033 | .031 | .030 | .030 | .027 | .029 | .034 | .032 | .029 | .028 | 23 | .034 |
| 2 | .034 | .043 | .043 | BF | .040 | .033 | .023 | .027 | .036 | .039 | .040 | .042 | .043 | .043 | .045 | .047 | .047 | .047 | .043 | .042 | .041 | .041 | .040 | .038 | 23 | .047 |
| 3 | .040 | .042 | .041 | BF | .026 | .020 | .006 | .005 | .024 | .038 | .041 | .043 | .044 | .045 | .046 | .046 | .046 | .046 | .042 | .040 | .035 | .036 | .035 | .033 | 23 | .046 |
| 4 | .035 | AE | AE | AE | AE | AE | AE | AE | AE | .036 | .038 | .040 | .043 | .044 | .045 | .048 | .050 | .050 | .046 | .046 | .042 | .034 | .035 | .029 | 16 | .050 |
| 5 | .025 | .017 | .015 | BF | .015 | .017 | AE | AE | .031 | .034 | .034 | .035 | .042 | .048 | .051 | .053 | .053 | .051 | .040 | .029 | .037 | .040 | .038 | .038 | 21 | .053 |
| 6 | .031 | .026 | .007 | BF | .016 | .015 | .011 | .009 | .012 | .018 | .023 | .029 | .041 | .049 | .051 | .050 | .051 | .049 | .046 | .044 | .034 | .033 | .036 | .041 | 23 | .051 |
| 7 | .044 | .045 | .044 | BF | .036 | .033 | .030 | .026 | .036 | .041 | .046 | .046 | .047 | .049 | .050 | .052 | .053 | .051 | .047 | .043 | .039 | .039 | .039 | .038 | 23 | .053 |
| 8 | .034 | .035 | .035 | BF | .031 | .034 | .034 | .036 | .040 | .044 | .048 | .050 | .051 | .052 | .052 | .052 | .052 | .049 | .040 | .045 | .041 | .045 | .043 | .043 | 23 | .052 |
| 9 | .043 | .037 | .016 | BF | .019 | .017 | .010 | .004 | .014 | .031 | .044 | .051 | .053 | .055 | .057 | .058 | .059 | .056 | .053 | .050 | .050 | .049 | .045 | .046 | 23 | .059 |
| 10 | .046 | .044 | .037 | BF | .036 | .029 | .025 | .023 | .029 | .033 | .043 | .046 | .047 | .048 | .048 | .049 | .048 | .048 | .045 | .043 | .043 | .043 | .042 | .041 | 23 | .049 |
| 11 | .044 | .043 | .042 | BF | .032 | .036 | .023 | .022 | .032 | .037 | .038 | .039 | .041 | .044 | .045 | .045 | .045 | .045 | .042 | .039 | .027 | .027 | .031 | .039 | 23 | .045 |
| 12 | .043 | .042 | .041 | BF | .037 | .035 | .037 | .039 | .037 | .035 | .038 | .040 | .040 | .040 | .041 | .042 | .043 | .042 | .034 | .035 | .029 | .021 | .016 | .023 | 23 | .043 |
| 13 | AE | AE | AE | AE | AE | AE | AE | AE | AE | .036 | .042 | .043 | .041 | .042 | .038 | .038 | .038 | .036 | .038 | .037 | .036 | .035 | .034 | .035 | 15 | .043 |
| 14 | .034 | .034 | .032 | BF | .028 | .024 | .026 | BA | BA | .029 | .037 | .036 | .037 | .037 | .035 | .037 | .039 | .037 | .036 | .037 | .039 | .041 | .040 | .041 | 21 | .041 |
| 15 | .041 | .041 | .041 | BF | .040 | .034 | .026 | .033 | .040 | .042 | .043 | .044 | .044 | .044 | .045 | .046 | .045 | .044 | .042 | .042 | .042 | .040 | .039 | .038 | 23 | .046 |
| 16 | .037 | .037 | .035 | BK | .024 | .009 | .006 | .016 | .037 | .044 | .045 | .047 | .048 | .049 | .051 | .052 | .052 | .053 | .051 | .049 | .043 | .042 | .038 | .035 | 23 | .053 |
| 17 | .030 | .020 | .012 | BF | .007 | .007 | .004 | .005 | .011 | .027 | .038 | .045 | .047 | .050 | .055 | .053 | .054 | .047 | .040 | .039 | .039 | .039 | .046 | .045 | 23 | .055 |
| 18 | .038 | .043 | .039 | BF | .039 | .035 | .036 | .035 | .034 | .036 | .039 | .042 | .046 | .048 | .047 | .047 | .050 | .050 | .048 | .044 | .047 | .047 | .043 | .038 | 23 | .050 |
| 19 | .037 | .036 | .036 | BF | .031 | .029 | .029 | .031 | .034 | .035 | .036 | .037 | .039 | .040 | .041 | .040 | .039 | .028 | .029 | .031 | .031 | .026 | .026 | 23 | .041 | |
| 20 | .018 | .018 | .016 | BF | .009 | .003 | .003 | .003 | .016 | .029 | .036 | .039 | .043 | .046 | .049 | .052 | .055 | .053 | .051 | .051 | .046 | .040 | .039 | .037 | 23 | .055 |
| 21 | .038 | .039 | .033 | BF | .035 | .029 | .026 | .026 | .034 | .040 | .046 | .050 | .052 | .054 | .056 | .056 | .056 | .055 | .045 | .051 | .039 | .031 | .032 | .045 | 23 | .056 |
| 22 | .036 | .040 | .038 | BF | .023 | .018 | .020 | .033 | .038 | .041 | .044 | .044 | .045 | .048 | .050 | .051 | .052 | .051 | .042 | .029 | .038 | .032 | .041 | .042 | 23 | .052 |
| 23 | .040 | .039 | .038 | BF | .023 | .020 | .017 | .019 | .034 | .040 | .045 | .047 | .046 | .049 | .051 | .054 | .056 | .057 | .054 | .050 | .047 | .041 | .040 | .040 | 23 | .057 |
| 24 | .042 | .041 | .041 | BF | .019 | .004 | .008 | .010 | .032 | .040 | .048 | .049 | .051 | .050 | .051 | .052 | .053 | .062 | .060 | .052 | .047 | .041 | .038 | .027 | 23 | .062 |
| 25 | .033 | .043 | .041 | BF | .036 | .031 | .026 | .029 | .035 | .044 | .046 | .048 | .050 | .049 | .049 | .047 | .046 | .046 | .046 | .044 | .042 | .040 | .036 | .039 | 23 | .050 |
| 26 | .039 | .038 | .037 | BF | .033 | .030 | .028 | .025 | .029 | .036 | .034 | .033 | .040 | .036 | .037 | .037 | .041 | .041 | .031 | .021 | .018 | .026 | .025 | .023 | 23 | .041 |
| 27 | .027 | .025 | .026 | BF | .024 | .022 | .019 | .019 | .029 | .034 | .037 | .039 | .042 | .044 | .044 | .046 | .047 | .044 | .041 | .040 | .037 | .035 | .035 | 23 | .047 | |
| 28 | .034 | .037 | .043 | BF | .043 | .042 | .041 | .038 | .038 | .038 | .041 | .047 | .047 | .050 | .051 | .052 | .054 | .050 | .048 | .046 | .042 | .039 | .037 | .032 | 23 | .054 |
| 29 | .028 | .027 | .021 | BF | .008 | .002 | .001 | .005 | .026 | BA | .050 | .054 | .056 | .059 | .060 | .060 | .061 | .062 | .057 | .053 | .057 | .055 | .046 | .040 | 22 | .062 |
| 30 | .040 | .041 | .042 | BF | .044 | .043 | .041 | .037 | .033 | .032 | .031 | .029 | .028 | .027 | .025 | .027 | .023 | .020 | .018 | .019 | .018 | .020 | .036 | .043 | 23 | .044 |
| 31 | .043 | .043 | .041 | BF | .037 | .037 | .042 | .044 | .042 | .042 | .044 | .047 | .050 | .051 | .052 | .048 | .041 | .040 | .040 | .036 | .038 | .036 | .035 | .037 | 23 | .052 |
| NO.: | 30 | 29 | 29 | | 29 | 29 | 28 | 27 | 28 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .046 | .045 | .044 | | .044 | .043 | .042 | .044 | .042 | .044 | .050 | .054 | .056 | .059 | .060 | .060 | .061 | .062 | .060 | .053 | .057 | .055 | .046 | .046 | | |
| AVG: | .0359 | .0358 | .0330 | | .0280 | .0245 | .0220 | .0230 | .0306 | .0359 | .0400 | .0422 | .0443 | .0459 | .0468 | .0474 | .0477 | .0468 | .0426 | .0405 | .0386 | .0371 | .0366 | .0366 | | |

MONTHLY OBSERVATIONS: 693 MONTHLY MEAN: .0377 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-109-0004 POC: 1
 COUNTY: (109) Lincoln
 CITY: (38320) Lincolnton
 SITE ADDRESS: 1487 RIVERVIEW ROAD
 SITE COMMENTS: UPWIND LOCATION FOR GASTON COUNTY LABORATORY
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.438556
 LONGITUDE: -81.27675
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 270
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .035 | .034 | .028 | BF | .027 | .030 | .023 | .029 | .033 | .037 | .039 | .041 | .043 | .045 | .045 | .047 | .047 | .045 | .042 | .032 | .037 | .037 | .034 | .030 | 23 | .047 | |
| 2 | .029 | .030 | .030 | BF | .026 | .022 | .014 | .025 | .030 | .033 | .035 | .039 | .043 | .046 | .048 | .052 | .058 | .056 | .051 | .036 | .036 | .033 | .035 | .033 | 23 | .058 | |
| 3 | .026 | .029 | .027 | BF | .008 | .013 | .027 | .030 | .030 | .030 | .031 | .037 | .044 | .042 | .043 | .040 | .038 | .037 | .031 | .030 | .034 | .031 | .033 | .032 | 23 | .044 | |
| 4 | .031 | .031 | .031 | BF | .027 | .025 | .025 | .026 | .029 | .034 | .043 | .049 | .053 | .055 | .058 | .057 | .056 | .055 | .052 | .048 | .047 | .045 | .040 | .039 | 23 | .058 | |
| 5 | .037 | .033 | .019 | AM | .009 | .002 | .003 | .006 | .013 | .026 | .014 | .018 | .017 | .024 | .030 | .040 | .047 | .035 | .030 | .020 | .032 | .020 | .019 | .023 | 23 | .047 | |
| 6 | .030 | .037 | .037 | AM | .034 | .033 | .032 | .033 | .034 | .037 | .037 | .039 | .038 | .038 | .038 | .037 | .037 | .038 | AE | AE | AE | AE | AE | AE | 17 | .039 | |
| 7 | AE | AE | AE | AM | AE | AE | AE | AE | AE | BA | .045 | .046 | .045 | .045 | .046 | .046 | .046 | .048 | .047 | .045 | .042 | .040 | .036 | .036 | 13 | .048 | |
| 8 | .032 | .018 | .023 | AM | .023 | .009 | .011 | .014 | .033 | .048 | .050 | .053 | .054 | .055 | .056 | .057 | .059 | .059 | .056 | .053 | .047 | .034 | .024 | .025 | 23 | .059 | |
| 9 | .021 | .018 | .012 | AM | .008 | .006 | .005 | .017 | .029 | .038 | .050 | .057 | .060 | .062 | .061 | .061 | .060 | .060 | .062 | .064 | .058 | .054 | .052 | .050 | 23 | .064 | |
| 10 | .052 | .051 | .050 | AM | .043 | .039 | .039 | .046 | .050 | .052 | .054 | .056 | .057 | .056 | .057 | .057 | .057 | .061 | .060 | .058 | .055 | .048 | .044 | .040 | 23 | .061 | |
| 11 | .033 | .031 | .037 | BF | .037 | .033 | .033 | .037 | .041 | .044 | .049 | .055 | .059 | .060 | .060 | .059 | .058 | .056 | .051 | .048 | .044 | .040 | .038 | .039 | 23 | .060 | |
| 12 | .035 | .036 | .036 | BF | .032 | .021 | .022 | .027 | .026 | .031 | .042 | .050 | .056 | .057 | .060 | .059 | .060 | .062 | .058 | .040 | .027 | .023 | .026 | .026 | 23 | .062 | |
| 13 | .022 | .024 | .016 | BF | .004 | .002 | .004 | .018 | .034 | .048 | .052 | .057 | .062 | .065 | .067 | .068 | .068 | .070 | .063 | .061 | .037 | .044 | .044 | .039 | 23 | .070 | |
| 14 | .038 | .035 | .037 | BF | .018 | .023 | .026 | .027 | .029 | .035 | .041 | .047 | .050 | .053 | .057 | .061 | .061 | .055 | .051 | .048 | .043 | .041 | .029 | .026 | 23 | .061 | |
| 15 | .035 | .041 | .042 | BF | .035 | .034 | .032 | .033 | .037 | .046 | .050 | .053 | .054 | .055 | .055 | .055 | .055 | .053 | .050 | .050 | .048 | .048 | .046 | .046 | 23 | .055 | |
| 16 | .047 | .047 | .046 | BF | .041 | .040 | .040 | .041 | .042 | .044 | .046 | .047 | .049 | .049 | .049 | .049 | .049 | .048 | .046 | .046 | .045 | .043 | .044 | .042 | 23 | .049 | |
| 17 | .038 | .039 | .038 | BF | .037 | .029 | .033 | .034 | .036 | .040 | .046 | .050 | .053 | .056 | .054 | .041 | .036 | .028 | .020 | .017 | .012 | .011 | .017 | .016 | 23 | .056 | |
| 18 | .007 | .005 | .011 | BF | .021 | .018 | .014 | BA | .025 | .026 | .025 | .031 | .037 | .040 | .046 | .043 | .037 | .040 | .038 | .036 | .031 | .026 | .029 | .031 | 22 | .046 | |
| 19 | .029 | .029 | .029 | BF | .028 | .030 | .027 | .026 | .026 | .026 | .025 | .022 | .021 | .028 | .028 | .033 | .031 | .029 | .025 | .019 | .014 | .008 | .004 | .004 | 23 | .033 | |
| 20 | .001 | .004 | .005 | BF | .006 | .010 | .016 | .017 | .018 | .024 | .032 | .039 | .046 | .053 | .056 | .053 | .044 | .038 | .034 | .031 | .027 | .020 | .021 | .016 | 23 | .056 | |
| 21 | .019 | .019 | .020 | BF | .006 | .006 | .010 | .016 | .026 | .035 | .045 | .051 | .053 | .049 | .042 | .041 | .040 | .027 | .022 | .024 | .030 | .027 | .034 | .032 | 23 | .053 | |
| 22 | .028 | .025 | .021 | BF | .011 | .005 | .008 | .014 | .024 | .030 | .038 | .046 | .050 | .054 | .054 | .054 | .056 | .056 | .056 | .055 | .038 | .029 | .021 | .027 | 23 | .056 | |
| 23 | .023 | .021 | .025 | BF | .021 | .028 | .024 | .025 | .023 | .022 | .020 | .022 | .018 | .019 | .017 | .016 | .016 | .014 | .014 | .017 | .021 | .020 | .020 | 23 | .028 | | |
| 24 | .020 | .020 | .020 | BF | .020 | .021 | .022 | .021 | .021 | .021 | .022 | .022 | .022 | .022 | .020 | .019 | .020 | .020 | .022 | .023 | .022 | .024 | .024 | .023 | 23 | .024 | |
| 25 | .022 | .022 | .023 | BF | .024 | .024 | .021 | .022 | .021 | .024 | .028 | .028 | .028 | .033 | .034 | .030 | .032 | .030 | .019 | .016 | .015 | .018 | .023 | .022 | 23 | .034 | |
| 26 | .015 | .006 | .003 | BF | AN | AN | AN | .003 | .018 | .022 | .031 | .037 | .042 | .047 | .046 | .047 | .047 | .048 | .047 | .029 | .030 | .023 | .024 | .019 | 20 | .048 | |
| 27 | .025 | .038 | .039 | BF | .035 | .032 | .031 | .033 | .038 | .042 | .046 | .046 | .044 | .044 | .039 | .035 | .029 | .028 | .027 | .017 | .011 | .010 | .010 | .009 | 23 | .046 | |
| 28 | .007 | .008 | .007 | BF | .003 | .004 | .002 | .004 | .008 | .018 | .034 | .042 | .044 | .040 | .040 | .040 | .039 | .038 | .034 | .024 | .017 | .015 | .009 | .010 | 23 | .044 | |
| 29 | .014 | .015 | .018 | BF | .015 | .009 | .011 | .018 | .019 | .025 | .028 | .033 | .033 | .031 | .034 | .036 | .034 | .032 | .029 | .022 | .016 | .008 | .021 | .022 | 23 | .036 | |
| 30 | .021 | .020 | .018 | BF | .021 | .021 | .020 | .019 | .022 | .023 | .023 | .024 | .026 | .027 | .029 | .028 | .028 | .027 | .025 | .026 | .024 | .018 | .018 | .018 | 23 | .029 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 29 | 29 | 29 | | 28 | 28 | 28 | 28 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 29 | 29 | | | |
| MAX: | .052 | .051 | .050 | | .043 | .040 | .040 | .046 | .050 | .052 | .054 | .057 | .062 | .065 | .067 | .068 | .068 | .070 | .063 | .064 | .058 | .054 | .052 | .050 | | | |
| AVG: | .0266 | .0264 | .0258 | | .0221 | .0203 | .0205 | .0236 | .0281 | .0331 | .0372 | .0411 | .0434 | .0450 | .0456 | .0454 | .0448 | .0432 | .0402 | .0356 | .0323 | .0289 | .0283 | .0274 | | | |

MONTHLY OBSERVATIONS: 670 MONTHLY MEAN: .0334 MONTHLY MAX: .070

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-109-0004 POC: 1
 COUNTY: (109) Lincoln
 CITY: (38320) Lincolnton
 SITE ADDRESS: 1487 RIVERVIEW ROAD
 SITE COMMENTS: UPWIND LOCATION FOR GASTON COUNTY LABORATORY
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.438556
 LONGITUDE: -81.27675
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 270
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .017 | .018 | .020 | BF | .021 | .021 | .021 | .021 | .020 | .021 | .021 | .024 | .026 | .027 | .029 | .033 | .035 | .036 | .035 | .033 | .032 | .032 | .033 | .031 | 23 | .036 |
| 2 | .030 | .025 | .019 | BF | .013 | .012 | .007 | .023 | BA | .046 | .050 | .051 | .052 | .055 | .057 | .058 | .058 | .056 | .051 | .039 | .035 | .035 | .033 | .030 | 22 | .058 |
| 3 | .021 | .021 | .015 | BF | .007 | .003 | .002 | .009 | .031 | .045 | .049 | .049 | .050 | .052 | .052 | .053 | .055 | .054 | .046 | .029 | .035 | .033 | .030 | .030 | 23 | .055 |
| 4 | .034 | .036 | .033 | BF | .021 | .025 | .032 | .035 | .039 | .042 | .048 | .051 | .050 | .049 | .047 | .044 | .034 | .027 | .028 | .032 | .038 | .035 | .032 | .032 | 23 | .051 |
| 5 | .032 | .031 | .029 | BF | .034 | .037 | .038 | .039 | .036 | .036 | .036 | .036 | .036 | .035 | .034 | .037 | .037 | .034 | .031 | .029 | .027 | .024 | .022 | .021 | 23 | .039 |
| 6 | .020 | .018 | .015 | BF | .015 | .017 | .025 | .035 | .041 | .042 | .043 | .044 | .046 | .046 | .049 | .049 | .047 | .043 | .037 | .035 | .033 | .029 | .030 | .034 | 23 | .049 |
| 7 | .025 | .024 | .025 | BF | .023 | .018 | .019 | .027 | .035 | .039 | .042 | .044 | .045 | .046 | .047 | .047 | .049 | .048 | .046 | .040 | .039 | .039 | .045 | .038 | 23 | .049 |
| 8 | .028 | .030 | .021 | BF | .012 | .012 | .013 | .026 | .035 | .046 | .055 | .057 | .060 | .061 | .061 | .062 | .062 | .060 | .054 | .050 | .043 | .039 | .041 | .035 | 23 | .062 |
| 9 | .033 | .029 | .017 | BF | .012 | .013 | .017 | .018 | .024 | .035 | .039 | .042 | .054 | .063 | .064 | .064 | .062 | .053 | .047 | .035 | .038 | .027 | .031 | .028 | 23 | .064 |
| 10 | .023 | .016 | .012 | BF | .003 | .001 | .001 | .013 | .032 | .050 | .058 | .058 | .059 | .064 | .066 | .065 | .072 | .067 | .055 | .049 | .055 | .045 | .037 | .027 | 23 | .072 |
| 11 | .019 | .014 | .015 | BF | .008 | .004 | .007 | .022 | .030 | .033 | .036 | .044 | .042 | .047 | .054 | .067 | .052 | .048 | .043 | .034 | .021 | .019 | .015 | .018 | 23 | .067 |
| 12 | .013 | .018 | .013 | BF | .024 | .019 | .016 | .018 | .020 | .020 | .024 | .024 | .024 | .022 | .025 | .023 | .020 | .022 | .018 | .018 | .017 | .015 | .012 | .011 | 23 | .025 |
| 13 | .013 | .014 | .014 | BF | .011 | .011 | .012 | .012 | .014 | .015 | .016 | .021 | .024 | .029 | .036 | .039 | .036 | .034 | .032 | .026 | .017 | .019 | .024 | .024 | 23 | .039 |
| 14 | .022 | .020 | .013 | BF | .006 | .003 | .005 | .016 | .030 | .042 | .047 | .051 | .053 | .054 | .053 | .055 | .057 | .056 | .054 | .038 | .038 | .038 | .036 | .036 | 23 | .057 |
| 15 | .030 | .014 | .015 | BF | .007 | .004 | .008 | .020 | .029 | .049 | .054 | .054 | .055 | .055 | .056 | .056 | .056 | .054 | .041 | .038 | .025 | .021 | .015 | .013 | 23 | .056 |
| 16 | .008 | .005 | .003 | BF | .002 | .002 | BA | BA | .031 | .043 | .058 | .067 | .067 | .077 | .075 | .068 | .067 | .066 | .061 | .050 | .043 | .037 | .033 | .023 | 21 | .077 |
| 17 | .016 | .011 | .027 | BF | .018 | .005 | .019 | .034 | .045 | .050 | .054 | .056 | .056 | .055 | .056 | .053 | .050 | .048 | .044 | .027 | .034 | .030 | .038 | .039 | 23 | .056 |
| 18 | .041 | .038 | .032 | BF | .029 | .028 | .032 | .035 | .035 | .037 | AZ | AZ | .043 | .040 | .039 | .040 | .041 | .040 | .039 | .033 | .032 | .018 | .016 | .032 | 21 | .043 |
| 19 | .036 | .036 | .033 | BF | .028 | .028 | .029 | .035 | .038 | .040 | .043 | .045 | .049 | .050 | .050 | .042 | .037 | .034 | .029 | .027 | .021 | .014 | .013 | .014 | 23 | .050 |
| 20 | .010 | .006 | .004 | BF | .006 | .004 | .011 | .023 | .030 | .037 | .043 | .042 | .045 | .045 | .044 | .042 | .045 | .045 | .041 | .033 | .017 | .015 | .012 | .009 | 23 | .045 |
| 21 | .011 | .010 | .006 | BF | .005 | .010 | .012 | .016 | .024 | .029 | .028 | .021 | .021 | .015 | .014 | .013 | .012 | .011 | .011 | .012 | .011 | .010 | .012 | .011 | 23 | .029 |
| 22 | .011 | .011 | .010 | BF | .006 | .001 | .004 | .007 | .013 | .022 | .029 | .034 | .035 | .039 | .041 | .037 | .026 | .022 | .023 | .031 | .033 | .029 | .025 | .023 | 23 | .041 |
| 23 | .021 | .018 | .015 | BF | .008 | .005 | .012 | .015 | .021 | .017 | .018 | .017 | .019 | .026 | .031 | .030 | .027 | .026 | .025 | .021 | .014 | .016 | .016 | .018 | 23 | .031 |
| 24 | .021 | .021 | .017 | BF | .020 | .016 | .016 | .019 | .023 | .025 | .026 | .027 | .028 | .027 | .028 | .035 | .033 | .028 | .026 | .027 | .031 | .028 | .037 | .037 | 23 | .037 |
| 25 | .036 | .034 | .034 | BF | .026 | .020 | .018 | .022 | .037 | .044 | .042 | .045 | .046 | .045 | .042 | .042 | .044 | .041 | .041 | .040 | .038 | .037 | .035 | .034 | 23 | .046 |
| 26 | .030 | .029 | AE | AE | AE | AE | AE | .031 | .039 | .046 | .052 | .053 | .055 | .055 | .053 | .053 | .057 | .059 | .055 | .048 | .045 | .032 | .015 | .022 | 19 | .059 |
| 27 | .017 | .012 | .011 | BF | .009 | .006 | .008 | .020 | .036 | .043 | .047 | .051 | .051 | .053 | .051 | .051 | .054 | .053 | .048 | .041 | .040 | .041 | .042 | .038 | 23 | .054 |
| 28 | .035 | .038 | .033 | BF | .017 | .016 | .017 | .021 | .035 | .042 | .045 | .042 | .047 | .046 | .047 | .047 | .046 | .042 | .035 | .030 | .018 | .008 | .004 | .002 | 23 | .047 |
| 29 | .001 | .001 | .002 | BF | .003 | .003 | .006 | .014 | .025 | .039 | .048 | .048 | .049 | .047 | .047 | .049 | .035 | .033 | .030 | .027 | .024 | .024 | .021 | .019 | 23 | .049 |
| 30 | .012 | .012 | .012 | BF | .010 | .005 | .007 | .014 | .019 | .023 | .024 | .028 | .030 | .035 | .037 | .039 | .041 | .041 | .038 | .034 | .032 | .026 | .014 | .008 | 23 | .041 |
| 31 | .008 | .008 | .009 | BF | .006 | .004 | .010 | .013 | .017 | .027 | .036 | .038 | .040 | .044 | .050 | .038 | .038 | .043 | .042 | .033 | .022 | .014 | .008 | .004 | 23 | .050 |
| NO.: | 31 | 31 | 30 | | 30 | 30 | 29 | 30 | 30 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .041 | .038 | .034 | | .034 | .037 | .038 | .039 | .045 | .050 | .058 | .067 | .067 | .077 | .075 | .068 | .072 | .067 | .061 | .050 | .055 | .045 | .045 | .039 | | |
| AVG: | .0217 | .0199 | .0175 | | .0137 | .0118 | .0146 | .0218 | .0295 | .0363 | .0404 | .0421 | .0438 | .0453 | .0463 | .0462 | .0447 | .0429 | .0390 | .0335 | .0305 | .0268 | .0248 | .0239 | | |

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: .0313 MONTHLY MAX: .077

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-109-0004 POC: 1
 COUNTY: (109) Lincoln
 CITY: (38320) Lincolnton
 SITE ADDRESS: 1487 RIVERVIEW ROAD
 SITE COMMENTS: UPWIND LOCATION FOR GASTON COUNTY LABORATORY
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.438556
 LONGITUDE: -81.27675
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 270
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .004 | .005 | .001 | BF | .000 | .001 | .005 | .013 | .027 | .039 | .046 | .049 | .052 | .054 | .053 | .050 | .045 | .045 | .044 | .041 | .038 | .029 | .027 | .021 | 23 | .054 | |
| 2 | .013 | .010 | .009 | BF | .006 | .007 | .010 | .021 | .038 | .050 | .052 | .055 | .056 | .057 | .059 | .058 | .057 | .052 | .047 | .040 | .032 | .020 | .018 | .015 | 23 | .059 | |
| 3 | .016 | .017 | .013 | BF | .011 | .009 | .013 | .020 | .031 | .048 | .058 | .060 | .060 | .058 | .058 | .058 | .059 | .056 | .054 | .040 | .036 | .040 | .019 | .024 | 23 | .060 | |
| 4 | .017 | .019 | .018 | BF | .009 | .006 | .008 | .022 | .030 | .037 | .040 | .045 | .043 | .040 | .040 | .040 | .036 | .032 | .026 | .023 | .017 | .019 | .016 | .015 | 23 | .045 | |
| 5 | .029 | .030 | .025 | BF | .021 | .016 | .017 | .018 | .018 | .021 | .024 | .028 | .032 | .034 | .033 | .025 | .027 | .023 | .023 | .019 | .018 | .023 | .021 | .018 | 23 | .034 | |
| 6 | .013 | .008 | .008 | BF | .002 | .000 | .004 | .015 | .023 | .034 | .042 | .051 | .054 | .055 | .053 | .051 | .051 | .050 | .045 | .034 | .023 | .044 | .043 | .042 | 23 | .055 | |
| 7 | .041 | .039 | .037 | BF | .033 | .027 | .023 | .023 | .032 | .034 | .039 | .044 | .047 | .049 | .049 | .052 | .051 | .048 | .045 | .038 | .027 | .018 | .018 | .018 | 23 | .052 | |
| 8 | .018 | .024 | .025 | BF | .027 | .027 | .029 | .031 | .032 | .032 | .036 | .039 | .043 | .043 | .044 | .046 | .046 | .042 | .033 | .025 | .024 | .017 | .016 | .015 | 23 | .046 | |
| 9 | .013 | .011 | .007 | BF | .001 | .000 | .003 | .013 | .026 | .037 | .043 | .046 | .050 | .052 | .052 | .050 | .050 | .053 | .052 | .049 | .044 | .037 | .032 | .027 | 23 | .053 | |
| 10 | .021 | .015 | .013 | BF | .004 | .001 | .007 | .023 | .031 | .042 | .051 | .055 | .057 | .059 | .062 | .062 | .059 | .056 | .053 | .046 | .043 | .036 | .029 | .024 | 23 | .062 | |
| 11 | .022 | .028 | .024 | BF | .020 | .016 | .022 | .029 | .036 | .046 | .051 | .051 | .051 | .053 | .049 | .047 | .047 | .046 | .038 | .030 | .027 | .026 | .020 | .029 | 23 | .053 | |
| 12 | .031 | .032 | .025 | BF | .018 | .011 | .014 | .021 | .027 | .036 | .042 | .044 | .046 | .044 | .048 | .039 | .033 | .034 | .033 | .033 | .031 | .030 | .028 | .029 | 23 | .048 | |
| 13 | .029 | .027 | .024 | BF | .018 | .011 | .015 | .019 | .024 | .035 | .043 | .045 | .055 | .048 | .038 | .038 | .030 | .028 | .030 | .031 | .022 | .013 | .010 | .007 | 23 | .055 | |
| 14 | .008 | .004 | .001 | BF | .000 | .000 | .001 | .009 | .022 | .033 | .042 | .048 | .054 | .057 | .056 | .052 | .052 | .051 | .043 | .037 | .033 | .018 | .014 | .013 | 23 | .057 | |
| 15 | .011 | .007 | .005 | BF | .002 | .002 | .003 | .012 | .026 | .042 | .053 | .058 | .052 | .057 | .064 | .062 | .050 | .034 | .026 | .015 | .017 | .007 | .007 | .029 | 23 | .064 | |
| 16 | .034 | .025 | .017 | BF | .008 | .013 | .014 | .020 | .028 | .031 | .039 | .044 | .048 | .056 | .054 | .050 | .046 | .047 | .041 | .033 | .029 | .028 | .023 | .020 | 23 | .056 | |
| 17 | .014 | .009 | .006 | BF | .003 | .006 | .014 | .021 | .025 | .029 | .035 | .039 | .041 | .045 | .047 | .049 | .047 | .045 | .037 | .026 | .020 | .026 | .019 | .015 | 23 | .049 | |
| 18 | .011 | .015 | .014 | BF | .004 | .004 | .012 | .021 | .027 | .031 | .032 | .031 | .029 | .029 | .029 | .031 | .032 | .030 | .029 | .027 | .021 | .016 | .011 | .012 | 23 | .032 | |
| 19 | .014 | .012 | .017 | BF | .017 | .013 | .015 | .020 | .026 | .027 | .028 | .030 | .031 | .034 | .038 | .044 | .042 | .041 | .038 | .037 | .035 | .031 | .024 | .024 | 23 | .044 | |
| 20 | .019 | .015 | .008 | BF | .002 | .003 | .003 | BA | BA | .032 | .041 | .050 | .055 | .055 | .062 | .050 | .042 | .036 | .032 | .026 | .029 | .025 | .020 | .022 | 21 | .062 | |
| 21 | .021 | .019 | .017 | BF | .015 | .015 | .016 | .018 | .020 | .028 | .032 | .035 | .037 | .035 | .036 | .035 | .032 | .033 | .032 | .029 | .028 | .017 | .014 | .013 | 23 | .037 | |
| 22 | .010 | .009 | .008 | BF | .006 | .004 | .006 | .009 | .015 | .016 | .015 | .014 | .017 | .019 | .017 | .018 | .014 | .017 | .010 | .008 | .012 | .007 | .004 | .004 | 23 | .019 | |
| 23 | .007 | .014 | .016 | BF | .014 | .013 | .012 | .012 | .015 | .020 | .024 | .027 | .028 | .025 | .022 | .020 | .019 | .021 | .023 | .023 | .021 | .020 | .020 | .017 | 23 | .028 | |
| 24 | .016 | .014 | .012 | BF | .013 | .011 | .013 | .016 | .020 | .023 | .025 | .029 | .032 | .032 | .033 | .032 | .021 | .019 | .013 | .017 | .027 | .024 | .021 | .016 | 23 | .033 | |
| 25 | .013 | .008 | .005 | BF | .002 | .003 | .006 | .012 | .020 | .029 | .032 | .037 | .038 | .033 | .025 | .029 | .034 | .032 | .017 | .011 | .007 | .001 | .000 | .001 | 23 | .038 | |
| 26 | .001 | .006 | .008 | BF | .004 | .004 | .006 | .015 | .026 | .039 | .049 | .052 | .053 | .051 | .051 | .049 | .041 | .037 | .032 | .027 | .020 | .023 | .021 | .020 | 23 | .053 | |
| 27 | .019 | .011 | .009 | BF | .005 | .002 | .007 | .020 | .033 | .043 | .046 | .046 | .047 | .044 | .044 | .045 | .047 | .045 | .040 | .032 | .029 | .020 | .014 | .010 | 23 | .047 | |
| 28 | .011 | .007 | .005 | BF | .004 | .003 | .008 | .015 | .031 | .042 | .047 | .050 | .054 | .057 | .064 | .069 | .065 | .064 | .060 | .052 | .029 | .032 | .022 | .023 | 23 | .069 | |
| 29 | .019 | .011 | .007 | BF | .002 | .000 | .003 | .017 | .041 | .052 | .052 | .058 | .053 | .050 | .050 | .050 | .049 | .049 | .052 | .052 | .045 | .044 | .042 | .042 | 23 | .058 | |
| 30 | .039 | .035 | .029 | BF | .021 | .013 | .016 | .017 | .020 | .022 | .025 | .023 | .021 | .021 | .024 | .027 | .023 | .018 | .016 | .013 | .026 | .018 | .015 | .013 | 23 | .039 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .041 | .039 | .037 | | .033 | .027 | .029 | .031 | .041 | .052 | .058 | .060 | .060 | .059 | .064 | .069 | .065 | .064 | .060 | .052 | .045 | .044 | .043 | .042 | | | |
| AVG: | .0178 | .0162 | .0138 | | .0097 | .0080 | .0108 | .0180 | .0266 | .0343 | .0395 | .0428 | .0445 | .0449 | .0451 | .0443 | .0416 | .0395 | .0355 | .0305 | .0270 | .0236 | .0196 | .0193 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0284 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-109-0004 POC: 1
 COUNTY: (109) Lincoln
 CITY: (38320) Lincolnton
 SITE ADDRESS: 1487 RIVERVIEW ROAD
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 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

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 LONGITUDE: -81.27675
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 270
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .012 | .012 | .011 | BF | .009 | .007 | .008 | .011 | .016 | .020 | .024 | .033 | .033 | .033 | .037 | .039 | .037 | .032 | .030 | .020 | .027 | .032 | .027 | .023 | 23 | .039 |
| 2 | .024 | .023 | .017 | BF | .014 | .009 | .009 | .012 | .020 | .032 | .041 | .045 | .046 | .045 | .044 | .044 | .045 | .042 | .033 | .028 | .021 | .017 | .015 | .014 | 23 | .046 |
| 3 | .008 | .007 | .003 | BF | .002 | .000 | .007 | .019 | .033 | .040 | .047 | .049 | .052 | .050 | .043 | .041 | .038 | .041 | .040 | .036 | .032 | .020 | .015 | .008 | 23 | .052 |
| 4 | .007 | .009 | .006 | BF | .002 | .001 | .005 | .014 | .025 | .030 | .034 | .035 | .036 | .037 | .036 | .031 | .027 | .028 | .026 | .020 | .019 | .016 | .013 | .007 | 23 | .037 |
| 5 | .002 | .005 | .005 | BF | .004 | .004 | .005 | .007 | .014 | .023 | .031 | .034 | .036 | .037 | .036 | .030 | .020 | .020 | .019 | .017 | .017 | .010 | .005 | .002 | 23 | .037 |
| 6 | .002 | .002 | .001 | BF | .000 | .000 | .001 | BA | .021 | .027 | .031 | .035 | .037 | .036 | .036 | .033 | .033 | .025 | AN | .023 | .024 | .021 | .019 | .018 | 21 | .037 |
| 7 | .014 | .009 | .009 | BF | .010 | .004 | .010 | .014 | .019 | .027 | .033 | .036 | .040 | .042 | .045 | .045 | .045 | .038 | .037 | .038 | .038 | .031 | .029 | .025 | 23 | .045 |
| 8 | .022 | .018 | .009 | BF | .012 | .015 | .015 | .018 | .026 | .032 | .036 | .038 | .040 | .044 | .046 | .044 | .044 | .043 | .035 | .028 | .022 | .022 | .019 | .023 | 23 | .046 |
| 9 | .022 | .020 | .017 | BF | .009 | .006 | .005 | .011 | .020 | .033 | .040 | .043 | .044 | .044 | .055 | .063 | .058 | .051 | .039 | .024 | .024 | .013 | .007 | .003 | 23 | .063 |
| 10 | .001 | .001 | .000 | BF | .001 | .000 | .001 | .013 | .029 | .037 | .044 | .045 | .047 | .047 | .047 | .050 | .051 | .053 | .053 | .047 | .039 | .033 | .023 | .017 | 23 | .053 |
| 11 | .013 | .015 | .016 | BF | .016 | .008 | .009 | .018 | .029 | .035 | .042 | .047 | .043 | .045 | .046 | .047 | .045 | .047 | .046 | .041 | .034 | .029 | .030 | .028 | 23 | .047 |
| 12 | .022 | .021 | .014 | BF | .012 | .012 | .013 | .021 | .031 | .039 | .046 | .053 | .052 | .054 | .059 | .057 | .054 | .053 | .046 | .032 | .029 | .024 | .019 | .016 | 23 | .059 |
| 13 | .018 | .019 | .018 | BF | .021 | .018 | .018 | .022 | .031 | .039 | .045 | .046 | .054 | .058 | .059 | .058 | .057 | .055 | .045 | .038 | .032 | .026 | .023 | .023 | 23 | .059 |
| 14 | .021 | .015 | .017 | BF | .012 | .007 | .008 | .018 | .026 | .040 | .047 | .051 | .056 | .051 | .051 | .057 | .060 | .051 | .043 | .039 | .035 | .034 | .031 | .031 | 23 | .060 |
| 15 | .025 | .020 | .012 | BF | .009 | .005 | .007 | .014 | .024 | .032 | .039 | .042 | .042 | .040 | .033 | .038 | .035 | .035 | .026 | .019 | .013 | .011 | .011 | 23 | .042 | |
| 16 | .011 | .013 | .008 | BF | .002 | .001 | .002 | .007 | .020 | .034 | .037 | .042 | .044 | .056 | .057 | .053 | .056 | .047 | .042 | .036 | .031 | .029 | .030 | .028 | 23 | .057 |
| 17 | .037 | .037 | .029 | BF | .011 | .016 | .021 | .024 | .026 | .032 | .041 | .043 | .055 | .047 | .042 | .037 | .033 | .032 | .046 | .043 | .033 | .031 | .023 | .019 | 23 | .055 |
| 18 | .013 | .009 | .004 | BF | .004 | .001 | .004 | BA | BA | .034 | .043 | .045 | .049 | .058 | .056 | .056 | .056 | .053 | .051 | .039 | .042 | .047 | .033 | .019 | 21 | .058 |
| 19 | .014 | .012 | .006 | BF | .002 | .000 | .001 | .014 | .031 | .036 | .039 | .045 | .050 | .056 | .060 | .061 | .062 | .059 | .056 | .036 | .030 | .024 | .016 | .013 | 23 | .062 |
| 20 | .016 | .014 | .016 | BF | .009 | .002 | .006 | .020 | .032 | .040 | .045 | .055 | .060 | .058 | .059 | .055 | .053 | .048 | .042 | .025 | .027 | .021 | .024 | .022 | 23 | .060 |
| 21 | .014 | .011 | .006 | BF | .001 | .001 | .004 | .015 | .028 | .047 | .059 | .059 | .059 | .057 | .059 | .059 | .058 | .055 | .043 | .035 | .032 | .027 | .032 | .035 | 23 | .059 |
| 22 | .033 | .029 | .026 | BF | .015 | .011 | .015 | .019 | .029 | .036 | .043 | .053 | .057 | .054 | .054 | .054 | .053 | .051 | .048 | .040 | .037 | .036 | .033 | .031 | 23 | .057 |
| 23 | .027 | .025 | .024 | BF | AN | .019 | .020 | .027 | .031 | .034 | .039 | .045 | .047 | .046 | .038 | .034 | .027 | .022 | .022 | .020 | .021 | .026 | .022 | .022 | 22 | .047 |
| 24 | .021 | .020 | .019 | BF | .012 | .013 | .016 | .019 | .022 | .028 | .039 | .045 | .043 | .046 | .047 | .050 | .050 | .047 | .041 | .036 | .032 | .030 | .027 | .012 | 23 | .050 |
| 25 | .011 | .009 | .004 | BF | .001 | .001 | .003 | .009 | .032 | .049 | .061 | .067 | .065 | .061 | .065 | .069 | .068 | .061 | .059 | .049 | .041 | .049 | .051 | .046 | 23 | .069 |
| 26 | .037 | .034 | .027 | BF | .025 | .016 | .014 | .012 | .015 | .019 | .021 | .028 | .033 | .050 | .057 | .062 | .064 | .064 | .057 | .030 | .022 | .015 | .008 | .003 | 23 | .064 |
| 27 | .006 | .013 | .018 | BF | .010 | .017 | .020 | .028 | .035 | .042 | .046 | .049 | .051 | .052 | .050 | .040 | .043 | .040 | .035 | .030 | .022 | .017 | .012 | .010 | 23 | .052 |
| 28 | .014 | .012 | .012 | BF | .012 | .009 | .011 | .013 | .017 | .032 | .037 | .047 | .044 | .047 | .037 | .033 | .027 | .026 | .023 | .017 | .013 | .009 | .008 | .006 | 23 | .047 |
| 29 | .007 | .009 | .009 | BF | .004 | .003 | .002 | .019 | .039 | .046 | .048 | .047 | .049 | .048 | .048 | .052 | .053 | .048 | .044 | .040 | .035 | .030 | .036 | .032 | 23 | .053 |
| 30 | .028 | .024 | .024 | BF | .015 | .010 | .010 | .020 | .029 | .034 | .037 | .039 | .041 | .043 | .045 | .045 | .044 | .044 | .041 | .023 | .018 | .022 | .016 | .012 | 23 | .045 |
| 31 | .013 | .010 | .007 | BF | .003 | .002 | .005 | .010 | .022 | .039 | .043 | .041 | .043 | .049 | .048 | .046 | .045 | .046 | .049 | .031 | .030 | .029 | .021 | .016 | 23 | .049 |
| NO.: | 31 | 31 | 31 | | 30 | 31 | 31 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .037 | .037 | .029 | | .025 | .019 | .021 | .028 | .039 | .049 | .061 | .067 | .065 | .061 | .065 | .069 | .068 | .064 | .059 | .049 | .042 | .049 | .051 | .046 | | |
| AVG: | .0166 | .0154 | .0127 | | .0086 | .0070 | .0089 | .0161 | .0257 | .0345 | .0406 | .0446 | .0467 | .0481 | .0482 | .0478 | .0465 | .0438 | .0409 | .0319 | .0283 | .0251 | .0220 | .0185 | | |

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .0296 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-109-0004 POC: 1
 COUNTY: (109) Lincoln
 CITY: (38320) Lincolnton
 SITE ADDRESS: 1487 RIVERVIEW ROAD
 SITE COMMENTS: UPWIND LOCATION FOR GASTON COUNTY LABORATORY
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.438556
 LONGITUDE: -81.27675
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 270
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .011 | .008 | .002 | BF | -.001 | -.001 | .001 | .009 | .026 | .047 | .057 | .060 | .053 | .054 | .055 | .063 | .067 | .063 | .044 | .032 | .026 | .023 | .017 | .015 | 23 | .067 |
| 2 | .011 | .009 | .007 | BF | .001 | .002 | BA | BA | .016 | .035 | .047 | .047 | .050 | .044 | .048 | .047 | .054 | .050 | .038 | .023 | .030 | .018 | .013 | .004 | 21 | .054 |
| 3 | .004 | .003 | .002 | BF | -.002 | .000 | .003 | .012 | .028 | .044 | .051 | .058 | .056 | .060 | .074 | .087 | .078 | .064 | .055 | .042 | .035 | .032 | .031 | .024 | 23 | .087 |
| 4 | .022 | .013 | .012 | BF | .006 | .004 | .001 | .013 | .024 | .030 | .038 | .046 | .046 | .045 | .044 | .045 | .044 | .042 | .039 | .040 | .038 | .031 | .028 | .024 | 23 | .046 |
| 5 | .021 | .015 | .013 | BF | .010 | .014 | .017 | .018 | .020 | .026 | .033 | .036 | .041 | .044 | .045 | .045 | .046 | .043 | .027 | .023 | .013 | .010 | .012 | .012 | 23 | .046 |
| 6 | .011 | .012 | .012 | BF | .011 | .010 | .011 | .015 | .024 | .034 | .041 | .045 | .049 | .051 | .050 | .053 | .055 | .055 | .046 | .032 | .036 | .037 | .037 | .032 | 23 | .055 |
| 7 | .029 | .027 | .022 | BF | .015 | .012 | .011 | .010 | .010 | .012 | .014 | .019 | .023 | .027 | .031 | .032 | .029 | .026 | .027 | .021 | .024 | .022 | .017 | 23 | .032 | |
| 8 | .014 | .014 | .017 | BF | .009 | .005 | .004 | .005 | .008 | .016 | .020 | .022 | .028 | .032 | .023 | .027 | .030 | .029 | .024 | .027 | .020 | .016 | .016 | .013 | 23 | .032 |
| 9 | .011 | .013 | .012 | BF | .011 | .010 | .010 | .017 | .028 | .033 | .040 | .044 | .047 | .050 | .051 | .050 | .051 | .049 | .036 | .017 | .020 | .011 | .008 | .004 | 23 | .051 |
| 10 | .001 | .000 | .000 | BF | .000 | .000 | .000 | .008 | .028 | .041 | .048 | .055 | .060 | .060 | .060 | .062 | .060 | .054 | .038 | .034 | .021 | .019 | .012 | .005 | 23 | .062 |
| 11 | .004 | .003 | .001 | BF | -.001 | .000 | .000 | .006 | .014 | .021 | .025 | .022 | .023 | .023 | .026 | .027 | .027 | .026 | .021 | .012 | .007 | .004 | .001 | .006 | 23 | .027 |
| 12 | .008 | .006 | .010 | BF | .005 | .005 | .005 | .009 | .017 | .020 | .026 | .030 | .033 | .036 | .037 | .037 | .034 | .029 | .028 | .021 | .015 | .029 | .026 | .020 | 23 | .037 |
| 13 | .013 | .009 | .010 | BF | .005 | .003 | .004 | .009 | .016 | .029 | .031 | .039 | .045 | .048 | .046 | .051 | .052 | .043 | .022 | .017 | .017 | .024 | .025 | .023 | 23 | .052 |
| 14 | .020 | .018 | .018 | BF | .017 | .015 | .013 | .013 | .013 | .015 | .017 | .021 | .035 | .042 | .043 | .045 | .047 | .031 | .025 | .034 | .033 | .019 | .020 | .019 | 23 | .047 |
| 15 | .022 | .012 | .010 | BF | .010 | .012 | .015 | .020 | .024 | .027 | .034 | .035 | .034 | .036 | .038 | .033 | .034 | .030 | .017 | .011 | .005 | .003 | .000 | .003 | 23 | .038 |
| 16 | .003 | .001 | .002 | BF | .001 | .000 | .000 | .007 | .019 | .033 | .045 | .051 | .051 | .052 | .049 | .046 | .039 | .025 | .023 | .008 | .010 | .009 | .010 | .009 | 23 | .052 |
| 17 | .007 | .009 | .005 | BF | .001 | .000 | .001 | .006 | .021 | .036 | .041 | .039 | .036 | .042 | .047 | .051 | .055 | .053 | .033 | .029 | .024 | .019 | .013 | .009 | 23 | .055 |
| 18 | .007 | .005 | .001 | BF | .001 | .000 | .001 | .009 | .023 | .030 | .030 | .033 | .038 | .037 | .040 | .037 | .033 | .026 | .023 | .021 | .019 | .025 | .016 | .008 | 23 | .040 |
| 19 | .005 | .004 | .001 | BF | .002 | .001 | .001 | .006 | .012 | .027 | .037 | .043 | .046 | .048 | .046 | .047 | .042 | .030 | .025 | .017 | .009 | .002 | .001 | 23 | .048 | |
| 20 | .001 | .001 | .001 | BF | .000 | .000 | .002 | .009 | .020 | .035 | .043 | .055 | .067 | .066 | .059 | .054 | .057 | .055 | .047 | .023 | .003 | .009 | .014 | .008 | 23 | .067 |
| 21 | .003 | .002 | .001 | BF | .001 | .000 | .002 | .009 | .022 | .041 | .049 | .052 | .049 | .041 | .052 | .075 | .073 | .065 | .045 | .036 | .032 | .024 | .013 | .016 | 23 | .075 |
| 22 | .019 | .012 | .011 | BF | .003 | .000 | .001 | BA | .024 | .036 | .043 | .042 | .046 | .048 | .050 | .056 | .051 | .044 | .037 | .033 | .026 | .020 | .027 | .026 | 22 | .056 |
| 23 | .022 | .019 | .015 | BF | .009 | .007 | .007 | .011 | .021 | .034 | .041 | .044 | .042 | .033 | .040 | .046 | .049 | .039 | .025 | .012 | .013 | .005 | .006 | .014 | 23 | .049 |
| 24 | .017 | .022 | .024 | BF | .021 | .016 | .018 | .021 | .034 | .040 | .044 | .048 | .052 | .054 | .054 | .056 | .059 | .054 | .043 | .026 | .020 | .018 | .020 | .022 | 23 | .059 |
| 25 | .023 | .023 | .023 | BF | .018 | .015 | .015 | .022 | .036 | .042 | .042 | .049 | .056 | .064 | .066 | .065 | .062 | .059 | .044 | .037 | .028 | .024 | .025 | .020 | 23 | .066 |
| 26 | .015 | .012 | .010 | BF | .018 | .022 | .021 | .020 | .022 | .031 | .039 | .044 | .047 | .047 | .054 | .062 | .061 | .054 | .041 | .031 | .026 | .029 | .028 | .035 | 23 | .062 |
| 27 | .034 | .027 | .027 | BF | .025 | .021 | .021 | .031 | .037 | .045 | .046 | .048 | .050 | .051 | .052 | .052 | .049 | .045 | .042 | .029 | .023 | .027 | .025 | .026 | 23 | .052 |
| 28 | .028 | .020 | .021 | BF | .018 | .020 | .018 | .025 | .030 | .034 | .037 | .044 | .048 | .049 | .048 | .049 | .046 | .042 | .039 | .037 | .036 | .035 | .035 | .036 | 23 | .049 |
| 29 | .037 | .036 | .030 | BF | .028 | .028 | .028 | .028 | .030 | .035 | .034 | .034 | .034 | .034 | .034 | .036 | .036 | .034 | .033 | .032 | .021 | .013 | .009 | .010 | 23 | .037 |
| 30 | .002 | .002 | .000 | BF | .000 | .000 | .000 | .011 | .022 | .027 | .032 | .037 | .040 | .043 | .044 | .047 | .048 | .044 | .038 | .022 | .019 | .022 | .021 | .017 | 23 | .048 |
| 31 | .015 | .013 | .008 | BF | .011 | .010 | .011 | .015 | .016 | .017 | .018 | .018 | .023 | .019 | .020 | .021 | .019 | .017 | .013 | .012 | .009 | .006 | .006 | .005 | 23 | .023 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .037 | .036 | .030 | | .028 | .028 | .028 | .031 | .037 | .047 | .057 | .060 | .067 | .066 | .074 | .087 | .078 | .065 | .055 | .042 | .038 | .037 | .037 | .036 | | |
| AVG: | .0142 | .0119 | .0106 | | .0082 | .0075 | .0081 | .0136 | .0221 | .0314 | .0369 | .0406 | .0435 | .0445 | .0461 | .0485 | .0481 | .0429 | .0336 | .0256 | .0211 | .0190 | .0174 | .0155 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0266 MONTHLY MAX: .087

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-109-0004 POC: 1
 COUNTY: (109) Lincoln
 CITY: (38320) Lincolnton
 SITE ADDRESS: 1487 RIVERVIEW ROAD
 SITE COMMENTS: UPWIND LOCATION FOR GASTON COUNTY LABORATORY
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.438556
 LONGITUDE: -81.27675
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 270
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .005 | .007 | .009 | BF | .012 | .010 | .009 | .009 | .012 | .017 | .019 | .021 | .026 | .028 | .027 | .026 | .032 | .028 | .020 | .017 | .016 | .016 | .015 | .014 | 23 | .032 | |
| 2 | .014 | .013 | .011 | BF | .009 | .011 | .012 | .014 | .015 | .022 | .028 | .031 | .035 | .039 | .040 | .041 | .043 | .037 | .029 | .022 | .016 | .012 | .009 | .017 | 23 | .043 | |
| 3 | .017 | .013 | .009 | BF | .003 | .002 | .001 | .012 | .021 | .029 | .035 | .039 | .040 | .041 | .042 | .043 | .041 | .036 | .024 | .023 | .010 | .008 | .005 | .001 | 23 | .043 | |
| 4 | .000 | .001 | .001 | BF | .000 | .000 | .000 | .003 | .014 | .029 | .041 | .045 | .052 | .049 | .049 | .050 | .051 | .047 | .039 | .035 | .031 | .024 | .019 | .007 | 23 | .052 | |
| 5 | .006 | .018 | .010 | BF | .009 | .008 | .002 | .010 | .020 | .032 | .044 | .050 | .058 | .068 | .061 | .057 | .053 | .050 | .043 | .038 | .031 | .028 | .036 | .042 | 23 | .068 | |
| 6 | .034 | .026 | .021 | BF | .023 | .018 | .023 | .025 | .025 | .023 | .020 | .021 | .025 | .027 | .024 | .024 | .025 | .025 | .018 | .005 | .002 | .001 | .002 | .001 | 23 | .034 | |
| 7 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .002 | .011 | .023 | .033 | .036 | .038 | .039 | .037 | .037 | .038 | .031 | .021 | .017 | .007 | .007 | .004 | .003 | 23 | .039 | |
| 8 | .001 | .001 | .002 | BF | AS | AO | 3 | .002 | |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 10 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 11 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 12 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 13 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 14 | AO | AO | AO | AO | AO | AO | AO | BA | BC | BC | BC | BC | .047 | .051 | .054 | .056 | .056 | .050 | .046 | .034 | .023 | .019 | .013 | .007 | 12 | .056 | |
| 15 | .002 | .003 | .004 | BF | .002 | .002 | .002 | .006 | .014 | .019 | .028 | .038 | .043 | .042 | .043 | .040 | .040 | .027 | .010 | .006 | .003 | .004 | .004 | .004 | 23 | .043 | |
| 16 | .002 | .002 | .002 | BF | .003 | .002 | .002 | .005 | .015 | .025 | .037 | .041 | .043 | .046 | .047 | .050 | .047 | .044 | .026 | .022 | .016 | .008 | .006 | .005 | 23 | .050 | |
| 17 | .004 | .003 | .002 | BF | .004 | .003 | .003 | .004 | .011 | .019 | .027 | .035 | .041 | .044 | .044 | .045 | .043 | .027 | .017 | .012 | .009 | .006 | .003 | .003 | 23 | .045 | |
| 18 | .004 | .004 | .003 | BF | .003 | .003 | .003 | .005 | .010 | .014 | .034 | .043 | .043 | .045 | .047 | .047 | .045 | .040 | .029 | .013 | .008 | .004 | .004 | .003 | 23 | .047 | |
| 19 | .003 | .005 | .005 | BF | .003 | .002 | .002 | .006 | .017 | .026 | .040 | .048 | .054 | .049 | .053 | .054 | .056 | .045 | .040 | .039 | .032 | .019 | .007 | .009 | 23 | .056 | |
| 20 | .007 | .004 | .003 | BF | .002 | .002 | .002 | .004 | .019 | .032 | .043 | .046 | .046 | .047 | .046 | .046 | .045 | .036 | .028 | .019 | .018 | .010 | .005 | .006 | 23 | .047 | |
| 21 | .004 | .003 | .001 | BF | .002 | .003 | .003 | .009 | .019 | .031 | .045 | .053 | .054 | .053 | .050 | .050 | .050 | .043 | .027 | .024 | .019 | .015 | .012 | .009 | 23 | .054 | |
| 22 | .006 | .007 | .005 | BF | .005 | .004 | .003 | .007 | .016 | .031 | .046 | .053 | .056 | .064 | .060 | .058 | .054 | .033 | .025 | .003 | .003 | .004 | .005 | .006 | 23 | .064 | |
| 23 | .007 | .005 | .004 | BF | .004 | .003 | .003 | .007 | .017 | .033 | .049 | .059 | .056 | .061 | .067 | .062 | .056 | .050 | .030 | .026 | .026 | .028 | .025 | .018 | 23 | .067 | |
| 24 | .016 | .014 | .014 | BF | .016 | .010 | .009 | .010 | .019 | .033 | .043 | .049 | .052 | .055 | .050 | .047 | .045 | .038 | .020 | .024 | .018 | .018 | .019 | .017 | 23 | .055 | |
| 25 | .016 | .017 | .020 | BF | .012 | .009 | .007 | .008 | .015 | .019 | .032 | .046 | .051 | .052 | .051 | .050 | .050 | .047 | .025 | .026 | .020 | .014 | .017 | .020 | 23 | .052 | |
| 26 | .019 | .014 | .017 | BF | .008 | .006 | .003 | .007 | .018 | .035 | .044 | .042 | .043 | .043 | .041 | .039 | .038 | .030 | .023 | .012 | .010 | .004 | .010 | .006 | 23 | .044 | |
| 27 | .008 | .007 | .006 | BF | .002 | .002 | .002 | .005 | .017 | .031 | .040 | .046 | .053 | .053 | .050 | .049 | .048 | .039 | .024 | .021 | .020 | .023 | .017 | .019 | 23 | .053 | |
| 28 | .019 | .017 | .018 | BF | .007 | .003 | .002 | .010 | .029 | .046 | .053 | .058 | .060 | .060 | .059 | .060 | .045 | .046 | .027 | .021 | .020 | .021 | .019 | .034 | 23 | .060 | |
| 29 | .042 | .043 | .040 | BF | .033 | .031 | .025 | .027 | .031 | .032 | .037 | .041 | .048 | .054 | .059 | .060 | .060 | .051 | .036 | .022 | .027 | .034 | .030 | .030 | 23 | .060 | |
| 30 | .026 | .023 | .020 | BF | .022 | .018 | .015 | .018 | .028 | .040 | .046 | .047 | .049 | .050 | .048 | .047 | .046 | .044 | .034 | .029 | .030 | .028 | .028 | .022 | 23 | .050 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| NO.: | 24 | 24 | 24 | | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | |
| MAX: | .042 | .043 | .040 | | .033 | .031 | .025 | .027 | .031 | .046 | .053 | .059 | .060 | .068 | .067 | .062 | .060 | .051 | .046 | .039 | .032 | .034 | .036 | .042 | | | |
| AVG: | .0109 | .0104 | .0095 | | .0080 | .0066 | .0058 | .0093 | .0180 | .0279 | .0376 | .0430 | .0464 | .0483 | .0478 | .0475 | .0461 | .0393 | .0275 | .0213 | .0173 | .0148 | .0131 | .0126 | | | |

MONTHLY OBSERVATIONS: 544 MONTHLY MEAN: .0248 MONTHLY MAX: .068

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-109-0004 POC: 1
 COUNTY: (109) Lincoln
 CITY: (38320) Lincolnton
 SITE ADDRESS: 1487 RIVERVIEW ROAD
 SITE COMMENTS: UPWIND LOCATION FOR GASTON COUNTY LABORATORY
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.438556
 LONGITUDE: -81.27675
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 270
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .026 | .029 | .026 | BF | .020 | .019 | .020 | .022 | .025 | .030 | .034 | .035 | .038 | .042 | .042 | .043 | .044 | .037 | .021 | .019 | .022 | .019 | .019 | .016 | 23 | .044 |
| 2 | .015 | .012 | .009 | BF | .007 | .005 | .004 | .009 | .016 | .021 | .031 | .042 | .046 | .050 | .053 | .058 | .058 | .044 | .029 | .025 | .025 | .023 | .019 | .020 | 23 | .058 |
| 3 | .015 | .012 | .015 | BF | .012 | .010 | .008 | BA | .020 | .029 | .039 | .046 | .048 | .050 | .053 | .053 | .057 | .052 | .032 | .028 | .023 | .026 | .024 | .019 | 22 | .057 |
| 4 | .018 | .016 | .012 | BF | .011 | .009 | .005 | .009 | .018 | .028 | .043 | .050 | .054 | .057 | .059 | .061 | .061 | .042 | .025 | .012 | .015 | .019 | .015 | .009 | 23 | .061 |
| 5 | .009 | .009 | .007 | BF | .005 | .005 | .002 | .003 | .012 | .031 | .042 | .048 | .051 | .055 | .062 | .066 | .065 | .054 | .029 | .026 | .020 | .016 | .010 | .010 | 23 | .066 |
| 6 | .007 | .003 | .004 | BF | .001 | .001 | .001 | .003 | .015 | .027 | .037 | .041 | .048 | .051 | .050 | .054 | .061 | .058 | .029 | .028 | .024 | .007 | .006 | .007 | 23 | .061 |
| 7 | .008 | .007 | .006 | BF | .005 | .003 | .004 | .006 | .007 | .018 | .024 | .026 | .025 | .024 | .023 | .024 | .021 | .018 | .014 | .014 | .012 | .010 | .012 | .011 | 23 | .026 |
| 8 | .007 | .008 | .007 | BF | .007 | .005 | .004 | .004 | .004 | .007 | .011 | .013 | .018 | .019 | .019 | .020 | .019 | .016 | .016 | .016 | .017 | .016 | .016 | .017 | 23 | .020 |
| 9 | .019 | .017 | .017 | BF | .017 | .016 | .016 | .016 | .016 | .019 | .022 | .021 | .022 | .023 | .025 | .026 | .025 | .021 | .016 | .012 | .009 | .007 | .005 | .004 | 23 | .026 |
| 10 | .003 | .004 | .004 | BF | .005 | .004 | .003 | .006 | .011 | .019 | .025 | .028 | .029 | .029 | .028 | .027 | .026 | .021 | .014 | .007 | .010 | .004 | .004 | .004 | 23 | .029 |
| 11 | .008 | .010 | .010 | BF | .012 | .011 | .010 | .011 | .016 | .023 | .029 | .034 | .037 | .040 | .044 | .045 | .046 | .038 | .033 | .022 | .020 | .013 | .004 | .002 | 23 | .046 |
| 12 | .002 | .002 | .002 | BF | .002 | .002 | .002 | .002 | .003 | .017 | .037 | .045 | .048 | .050 | .048 | .042 | .041 | .035 | .030 | .025 | .023 | .022 | .023 | .025 | 23 | .050 |
| 13 | .024 | .017 | .018 | BF | .012 | .012 | .011 | .012 | .013 | .013 | .014 | .015 | .016 | .016 | .016 | .014 | .015 | .014 | .014 | .012 | .014 | .012 | .012 | .014 | 23 | .024 |
| 14 | .016 | .013 | .011 | BF | .013 | .013 | .011 | .012 | .016 | .019 | .022 | .022 | .024 | .032 | .036 | .041 | .042 | .032 | .025 | .022 | .024 | .010 | .011 | .006 | 23 | .042 |
| 15 | .004 | .003 | .003 | BF | .003 | .008 | .008 | .009 | .014 | .022 | .028 | .032 | .034 | .037 | .038 | .036 | .033 | .027 | .026 | .025 | .024 | .023 | .019 | 23 | .038 | |
| 16 | .018 | .016 | .014 | BF | .014 | .014 | .015 | .017 | .018 | .017 | .019 | .027 | .030 | .033 | .035 | .036 | .036 | .035 | .025 | .024 | .022 | .021 | .022 | .019 | 23 | .036 |
| 17 | .018 | .016 | .014 | BF | .011 | .009 | .005 | BA | BA | .026 | .035 | .038 | .040 | .042 | .043 | .044 | .041 | .027 | .025 | .014 | .011 | .003 | .003 | .003 | 21 | .044 |
| 18 | .004 | .004 | .003 | BF | .002 | .002 | .002 | .003 | .008 | .015 | .025 | .037 | .039 | .043 | .046 | .045 | .047 | .037 | .030 | .008 | .007 | .004 | .005 | .006 | 23 | .047 |
| 19 | .004 | .003 | .002 | BF | .002 | .002 | .002 | .003 | .008 | .018 | .034 | .047 | .051 | .055 | .054 | .057 | .053 | .039 | .038 | .028 | .010 | .005 | .007 | .005 | 23 | .057 |
| 20 | .002 | .002 | .002 | BF | .002 | .002 | .002 | .002 | .007 | .018 | .034 | .049 | .054 | .057 | .059 | .060 | .054 | .037 | .029 | .029 | .019 | .009 | .006 | .007 | 23 | .060 |
| 21 | .006 | .004 | .004 | BF | .005 | .005 | .005 | .007 | .013 | .021 | .030 | .040 | .054 | .062 | .063 | .062 | .054 | .038 | .033 | .018 | .014 | .007 | .005 | .006 | 23 | .063 |
| 22 | .006 | .004 | .004 | BF | .003 | .003 | .003 | .004 | .013 | .022 | .042 | .045 | .047 | .049 | .048 | .048 | .047 | .029 | .012 | .016 | .032 | .027 | .032 | .029 | 23 | .049 |
| 23 | .026 | .030 | .027 | BF | .028 | .029 | .027 | .026 | .025 | .021 | .021 | .024 | .026 | .025 | .028 | .035 | .035 | .031 | .027 | .026 | .025 | .024 | .020 | 23 | .035 | |
| 24 | .015 | .015 | .010 | BF | .011 | .005 | .002 | .002 | .011 | .017 | .024 | .036 | .040 | .043 | .047 | .048 | .045 | .040 | .036 | .031 | .030 | .029 | .027 | .025 | 23 | .048 |
| 25 | .018 | .016 | .016 | BF | .003 | .003 | .002 | .002 | .009 | .027 | .036 | .040 | .042 | .044 | .040 | .038 | .034 | .028 | .027 | .027 | .022 | .018 | .017 | .017 | 23 | .044 |
| 26 | .018 | .028 | .030 | BF | .019 | .014 | .006 | .013 | .025 | .030 | .038 | .039 | .042 | .043 | .045 | .046 | .045 | .036 | .029 | .026 | .019 | .013 | .011 | .008 | 23 | .046 |
| 27 | .007 | .005 | .003 | BF | .002 | .002 | .002 | .000 | .007 | .020 | .025 | .040 | .046 | .048 | .048 | .049 | .049 | .046 | .039 | .035 | .026 | .026 | .036 | .026 | 23 | .049 |
| 28 | .023 | .021 | .015 | BF | .007 | .004 | .002 | .003 | .019 | .033 | .042 | .041 | .045 | .047 | .050 | .050 | .046 | .037 | .036 | .035 | .032 | .029 | .025 | .023 | 23 | .050 |
| 29 | .022 | .021 | .020 | BF | .020 | .020 | .021 | .019 | .017 | .016 | .016 | .018 | .021 | .022 | .024 | .023 | .023 | .023 | .025 | .027 | .027 | .025 | .023 | .021 | 23 | .027 |
| 30 | .024 | .025 | .021 | BF | .022 | .013 | .010 | .013 | .027 | .032 | .036 | .038 | .037 | .039 | .041 | .043 | .041 | .037 | .034 | .019 | .024 | .024 | .032 | .025 | 23 | .043 |
| 31 | .023 | .018 | .015 | BF | .009 | .003 | .002 | .004 | .011 | .016 | .019 | .037 | .047 | .050 | .052 | .054 | .051 | .041 | .029 | .024 | .028 | .018 | .007 | .008 | 23 | .054 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .026 | .030 | .030 | | .028 | .029 | .027 | .026 | .027 | .033 | .043 | .050 | .054 | .062 | .063 | .066 | .065 | .058 | .039 | .035 | .032 | .029 | .036 | .029 | | |
| AVG: | .0134 | .0126 | .0113 | | .0094 | .0082 | .0070 | .0083 | .0141 | .0217 | .0295 | .0353 | .0387 | .0412 | .0424 | .0433 | .0425 | .0348 | .0268 | .0220 | .0204 | .0165 | .0156 | .0139 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0231 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-109-0004 POC: 1
 COUNTY: (109) Lincoln
 CITY: (38320) Lincolnton
 SITE ADDRESS: 1487 RIVERVIEW ROAD
 SITE COMMENTS: UPWIND LOCATION FOR GASTON COUNTY LABORATORY
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.438556
 LONGITUDE: -81.27675
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 270
 PROBE HEIGHT: 3.68

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .007 | .003 | .002 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .007 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .007 | .003 | .002 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0070 | .0030 | .0020 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0040 MONTHLY MAX: .007

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 4.52

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .030 | .029 | .028 | BF | .024 | .025 | .027 | .028 | .028 | .029 | .030 | .033 | .034 | .032 | .033 | .033 | .032 | .031 | .030 | .031 | .036 | .036 | .029 | .027 | 23 | .036 |
| 2 | .031 | .031 | .031 | BF | .028 | .034 | .044 | .042 | .043 | .043 | .044 | .045 | .045 | .046 | .046 | .046 | .046 | .046 | .044 | .040 | .030 | .030 | .025 | .025 | 23 | .046 |
| 3 | .021 | .027 | .036 | BF | .024 | .017 | .010 | .013 | .030 | .036 | .042 | .044 | .046 | .046 | .046 | .047 | .047 | .045 | .045 | .045 | .044 | .043 | .041 | .041 | 23 | .047 |
| 4 | .040 | .038 | .037 | BF | .036 | .034 | .034 | .034 | .038 | .041 | .043 | .044 | .046 | .046 | .047 | .047 | .048 | .045 | .037 | .031 | .024 | .024 | .018 | .016 | 23 | .048 |
| 5 | .016 | .025 | .040 | BF | .041 | .040 | .040 | .040 | .042 | .042 | .042 | .043 | .044 | .045 | .047 | .047 | .047 | .046 | .043 | .042 | .039 | .038 | .037 | .034 | 23 | .047 |
| 6 | .033 | .034 | .032 | BF | .026 | .015 | .010 | .020 | .039 | .043 | .046 | .047 | .049 | .050 | .053 | .055 | .052 | .047 | .045 | .047 | .045 | .044 | .041 | .043 | 23 | .055 |
| 7 | .042 | .040 | .036 | BF | .019 | .014 | .008 | .020 | .038 | .048 | .052 | .053 | .054 | .054 | .053 | .053 | .052 | .050 | .048 | .047 | .046 | .044 | .044 | .044 | 23 | .054 |
| 8 | .044 | .044 | .043 | BF | .039 | .038 | .038 | .038 | .037 | .039 | .037 | .038 | .041 | .045 | .047 | .050 | .051 | .044 | .032 | .031 | .022 | .022 | .019 | .021 | 23 | .051 |
| 9 | .018 | .016 | .024 | BF | .028 | .012 | .010 | .022 | .034 | .044 | .049 | .052 | .053 | .054 | .055 | .057 | .057 | .055 | .047 | .051 | .050 | .048 | .048 | .049 | 23 | .057 |
| 10 | .050 | .050 | .050 | BF | .051 | .050 | .048 | .046 | .044 | .044 | .044 | .049 | .053 | .050 | .045 | .045 | .047 | .046 | .043 | .041 | .041 | .045 | .045 | .044 | 23 | .053 |
| 11 | .042 | .042 | .042 | BF | .039 | .036 | .034 | .038 | .040 | .042 | .044 | .046 | .048 | .049 | .051 | .050 | .049 | .047 | .047 | .042 | .037 | .034 | .036 | 23 | .051 | |
| 12 | .034 | .031 | .038 | BF | .042 | .040 | .039 | .040 | .040 | .040 | .039 | .039 | .041 | .044 | .046 | .046 | .045 | .041 | .034 | .035 | .039 | .041 | .039 | 23 | .046 | |
| 13 | .036 | .036 | .036 | BF | .037 | .035 | .030 | .036 | .042 | .044 | .044 | .045 | .046 | .047 | .047 | .048 | .046 | .045 | .044 | .040 | .039 | .038 | .036 | .035 | 23 | .048 |
| 14 | .035 | .034 | .034 | BF | .037 | .037 | .039 | .038 | .037 | .038 | .040 | .040 | .043 | .043 | .042 | .041 | .041 | .042 | .042 | .041 | .039 | .039 | .039 | .038 | 23 | .043 |
| 15 | .038 | .039 | .041 | BF | .043 | .043 | .042 | .042 | .042 | .043 | .044 | .044 | .045 | .046 | .046 | .047 | .047 | .047 | .046 | .045 | .042 | .039 | .039 | .040 | 23 | .047 |
| 16 | .040 | .040 | .039 | BF | .040 | .039 | .032 | .035 | .040 | .043 | .044 | .046 | .046 | .047 | .049 | .049 | .049 | .048 | .040 | .033 | .033 | .028 | .027 | .025 | 23 | .049 |
| 17 | .029 | .026 | .021 | BF | .015 | .011 | .010 | .019 | .033 | .045 | .049 | .051 | .052 | BA | .055 | .054 | .055 | .053 | .050 | .049 | .050 | .052 | .053 | .050 | 22 | .055 |
| 18 | .043 | .042 | .040 | BF | .049 | .050 | .049 | .047 | .045 | .042 | .042 | .042 | .042 | .042 | .042 | .040 | .040 | .039 | .038 | .033 | .036 | .040 | .034 | .034 | 23 | .050 |
| 19 | .039 | .040 | .042 | BF | .042 | .042 | .040 | .036 | .034 | .039 | .040 | .042 | .043 | .046 | .048 | .051 | .052 | .051 | .049 | .040 | .030 | .025 | .022 | .029 | 23 | .052 |
| 20 | .029 | .032 | .033 | BF | .029 | .024 | .026 | .031 | .036 | .040 | .043 | .044 | .045 | .047 | .048 | .049 | .048 | .046 | .033 | .029 | .022 | .027 | .035 | .035 | 23 | .049 |
| 21 | .035 | .034 | .033 | BF | .033 | .031 | .031 | .029 | .030 | .033 | .040 | .046 | .050 | .053 | .055 | .055 | .055 | .049 | .047 | .052 | .049 | .045 | .044 | .043 | 23 | .055 |
| 22 | .043 | .036 | .035 | BF | .036 | .038 | .028 | .024 | .031 | .033 | .037 | .044 | .049 | .052 | .054 | .053 | .053 | .051 | .049 | .048 | .046 | .044 | .035 | .034 | 23 | .054 |
| 23 | .042 | .043 | .036 | BF | .040 | .042 | .043 | .044 | .046 | .046 | .048 | .049 | .050 | .052 | .053 | .053 | .053 | .051 | .048 | .046 | .044 | .044 | .043 | .042 | 23 | .053 |
| 24 | .041 | .041 | .040 | BF | .023 | .014 | .011 | .030 | .044 | .048 | .049 | .050 | .051 | .052 | .052 | .053 | .053 | .052 | .048 | .047 | .046 | .046 | .044 | .044 | 23 | .053 |
| 25 | .044 | .044 | .043 | BF | .039 | .037 | .034 | .034 | .039 | .042 | .046 | .047 | .048 | .047 | .046 | .046 | .044 | .043 | .041 | .041 | .039 | .038 | .037 | .036 | 23 | .048 |
| 26 | .035 | .031 | .023 | BF | .014 | .007 | .006 | .011 | .028 | .036 | .043 | .046 | .045 | .045 | .045 | .045 | .044 | .044 | .044 | .042 | .038 | .035 | .032 | .030 | 23 | .046 |
| 27 | .031 | .031 | .027 | BF | .011 | .010 | .006 | .023 | .035 | .042 | .045 | .046 | .046 | .046 | .046 | .045 | .045 | .043 | .039 | .039 | .040 | .042 | .041 | 23 | .046 | |
| 28 | .040 | .037 | .034 | BF | .032 | .030 | .029 | .030 | .034 | .034 | .036 | .037 | .036 | .039 | .045 | .046 | .045 | .039 | .040 | .035 | .030 | .028 | .021 | .013 | 23 | .046 |
| 29 | .018 | .021 | .019 | BF | .028 | .025 | .021 | .017 | .019 | .027 | .032 | .036 | .039 | .040 | .040 | .041 | .040 | .035 | .031 | .028 | .028 | .031 | .032 | .031 | 23 | .041 |
| 30 | .026 | .022 | .015 | BF | .010 | .009 | .020 | .025 | .030 | .037 | .041 | .045 | .048 | .051 | .051 | .049 | .046 | .044 | .042 | .042 | .038 | .039 | .037 | .035 | 23 | .051 |
| 31 | .035 | .034 | .035 | BF | .040 | .040 | .042 | .040 | .041 | .038 | .041 | .048 | .043 | .041 | .039 | .038 | .039 | .038 | .035 | .041 | .042 | .037 | .037 | .035 | 23 | .048 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .050 | .050 | .050 | | .051 | .050 | .049 | .047 | .046 | .048 | .052 | .053 | .054 | .054 | .055 | .057 | .057 | .055 | .050 | .052 | .050 | .052 | .053 | .050 | | |
| AVG: | .0348 | .0345 | .0343 | | .0321 | .0296 | .0284 | .0314 | .0367 | .0400 | .0425 | .0445 | .0458 | .0466 | .0474 | .0477 | .0474 | .0455 | .0422 | .0406 | .0382 | .0376 | .0358 | .0351 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0391 MONTHLY MAX: .057

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 4.52

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .032 | .028 | .027 | BF | .026 | .023 | .021 | .022 | .023 | .026 | .031 | .036 | .039 | .040 | .042 | .043 | .044 | .045 | .040 | .029 | .033 | .034 | .037 | .039 | 23 | .045 | |
| 2 | .037 | .034 | .031 | BF | .031 | .029 | .029 | .031 | .035 | .037 | .039 | .041 | .043 | .045 | .046 | .048 | .049 | .047 | .043 | .042 | .041 | .040 | .037 | .032 | 23 | .049 | |
| 3 | .024 | .020 | .013 | BF | .013 | .006 | .008 | .031 | .041 | .045 | .046 | .047 | .047 | .048 | .047 | .044 | .043 | .041 | .039 | .036 | .037 | .040 | .039 | .038 | 23 | .048 | |
| 4 | .038 | .040 | .040 | BF | .038 | .037 | .036 | .037 | .038 | .039 | .041 | .043 | .046 | .046 | .049 | .052 | .052 | .051 | .048 | .046 | .040 | .036 | .039 | .041 | 23 | .052 | |
| 5 | .039 | .035 | .034 | BF | .016 | .008 | .006 | .022 | .032 | .043 | .049 | .050 | .049 | .049 | .048 | .048 | .046 | .041 | .035 | .034 | .031 | .034 | .035 | .037 | 23 | .050 | |
| 6 | .036 | .029 | .025 | BF | .011 | .032 | .040 | .044 | .040 | .038 | .037 | AD | 10 | .044 | |
| 7 | AD | AD | AD | AD | AD | AD | AD | AD | AD | BE | .037 | .038 | .039 | .039 | .039 | .041 | .043 | .045 | .044 | .043 | .041 | .040 | .042 | .042 | 14 | .045 | |
| 8 | .040 | .039 | .034 | BF | .026 | .020 | .023 | .031 | .040 | .047 | .049 | .050 | .051 | .053 | .054 | .055 | .055 | .055 | .050 | .041 | .033 | .025 | .020 | .019 | 23 | .055 | |
| 9 | .029 | .029 | .022 | BF | .014 | .011 | .011 | .028 | .033 | .040 | .052 | .058 | .060 | .061 | .063 | .063 | .062 | .059 | .055 | .051 | .052 | .051 | .050 | .048 | 23 | .063 | |
| 10 | .048 | .045 | .036 | BF | .020 | .011 | .008 | .031 | .045 | BE | .055 | .057 | .057 | .056 | .055 | .055 | .054 | .050 | .048 | .047 | .046 | .046 | .045 | .043 | 22 | .057 | |
| 11 | .039 | .036 | .031 | BF | .027 | .027 | .027 | .037 | .042 | .046 | .049 | .051 | .052 | .051 | .052 | .051 | .049 | .043 | .042 | .042 | .041 | .040 | .038 | 23 | .052 | | |
| 12 | .037 | .036 | .035 | BF | .030 | .028 | .030 | .034 | .037 | .040 | .044 | .047 | .049 | .050 | .051 | .051 | .051 | .048 | .041 | .038 | .038 | .036 | .032 | .025 | 23 | .051 | |
| 13 | .018 | .018 | .025 | BF | .019 | .009 | .012 | .021 | .041 | .048 | .052 | .055 | .056 | .056 | .055 | .053 | .053 | .052 | .050 | .049 | .047 | .046 | .049 | .046 | 23 | .056 | |
| 14 | .041 | .043 | .034 | BF | .034 | .030 | .027 | .038 | .038 | .038 | .041 | .050 | .055 | .054 | .056 | .059 | .056 | .053 | .050 | .047 | .043 | .041 | .041 | .041 | 23 | .059 | |
| 15 | .039 | .035 | .033 | BF | .028 | .027 | .027 | .027 | .034 | .042 | .040 | .038 | .041 | .048 | .050 | .047 | .047 | .048 | .048 | .047 | .045 | .045 | .046 | .047 | 23 | .050 | |
| 16 | .047 | .046 | .043 | BF | .041 | .039 | .039 | .042 | .049 | .052 | .055 | .057 | .059 | .060 | .059 | .059 | .056 | .053 | .049 | .045 | .045 | .045 | .046 | .046 | 23 | .060 | |
| 17 | .046 | .046 | .045 | BF | .041 | .041 | .041 | .042 | .044 | .047 | .051 | .052 | .053 | .054 | .053 | .054 | .054 | .052 | .046 | .041 | .035 | .033 | .034 | .033 | 23 | .054 | |
| 18 | .031 | .028 | .027 | BF | .029 | .029 | .031 | .036 | .037 | .043 | BA | .050 | .051 | .050 | .052 | .051 | .050 | .048 | .045 | .041 | .041 | .040 | .039 | .037 | 22 | .052 | |
| 19 | .034 | .031 | .029 | BF | .029 | .028 | .030 | .033 | .035 | .037 | .040 | .043 | .043 | .043 | .042 | .043 | .044 | .042 | .042 | .040 | .038 | .032 | .024 | .021 | 23 | .044 | |
| 20 | .024 | .022 | .016 | BF | .005 | .007 | .012 | .022 | .032 | .036 | .040 | .041 | .042 | .044 | .046 | .047 | .049 | .050 | .045 | .034 | .033 | .030 | .028 | .026 | 23 | .050 | |
| 21 | .026 | .028 | .029 | BF | .025 | .024 | .023 | .023 | .029 | .036 | .042 | .046 | .047 | .049 | .052 | .055 | .055 | .053 | .049 | .043 | .037 | .035 | .031 | .029 | 23 | .055 | |
| 22 | .033 | .032 | .029 | BF | .029 | .028 | .027 | .027 | .031 | .035 | .039 | .043 | .046 | .047 | .047 | .049 | .049 | .048 | .031 | .030 | .033 | .037 | .038 | .037 | 23 | .049 | |
| 23 | .037 | .038 | .036 | BF | .030 | .026 | .026 | .029 | .031 | .033 | .032 | .033 | .033 | .030 | .034 | .037 | .035 | .031 | .032 | .033 | .033 | .034 | .032 | .031 | 23 | .038 | |
| 24 | .030 | .029 | .029 | BF | .026 | .027 | .026 | .028 | .033 | .033 | .030 | .030 | .032 | .032 | .031 | .031 | .038 | .039 | .035 | .039 | .041 | .039 | .037 | .035 | 23 | .041 | |
| 25 | .033 | .033 | .033 | BF | .036 | .055 | .062 | .057 | .055 | .054 | .053 | .051 | .051 | .051 | .047 | .045 | .046 | .041 | .036 | .031 | .027 | .025 | .025 | .021 | 23 | .062 | |
| 26 | .024 | .023 | .026 | BF | .024 | .025 | .028 | .027 | .029 | .033 | .033 | .034 | .034 | .036 | .036 | .038 | .039 | .037 | .024 | .014 | .025 | .025 | .026 | .026 | 23 | .039 | |
| 27 | .026 | .027 | .029 | BF | .034 | .036 | .038 | .040 | .047 | .049 | .052 | .054 | .053 | .052 | .052 | .054 | .054 | .049 | .044 | .038 | .033 | .032 | .032 | 23 | .054 | | |
| 28 | .032 | .030 | .026 | BF | .021 | .021 | .020 | .020 | .022 | .025 | .027 | .029 | .033 | .035 | .036 | .037 | .038 | .036 | .029 | .026 | .023 | .020 | .022 | .025 | 23 | .038 | |
| 29 | .024 | .024 | .025 | BF | .027 | .025 | .024 | .025 | .027 | .028 | .030 | .031 | .033 | .034 | .033 | .032 | .030 | .029 | .024 | .020 | .018 | .018 | .016 | .016 | 23 | .034 | |
| 30 | .015 | .015 | .015 | BF | .019 | .020 | .020 | .020 | .022 | .024 | .024 | .025 | .027 | .027 | .028 | .026 | .026 | .028 | .027 | .023 | .021 | .020 | .021 | .021 | 23 | .028 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 29 | 29 | 29 | | 29 | 29 | 29 | 29 | 29 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | | | |
| MAX: | .048 | .046 | .045 | | .041 | .055 | .062 | .057 | .055 | .054 | .055 | .058 | .060 | .061 | .063 | .063 | .062 | .059 | .055 | .051 | .052 | .051 | .050 | .048 | | | |
| AVG: | .0331 | .0317 | .0296 | | .0258 | .0251 | .0259 | .0312 | .0359 | .0391 | .0417 | .0441 | .0456 | .0462 | .0467 | .0471 | .0473 | .0458 | .0414 | .0379 | .0364 | .0352 | .0346 | .0335 | | | |

MONTHLY OBSERVATIONS: 666 MONTHLY MEAN: .0374 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 4.52

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .019 | .019 | .018 | BF | .015 | .014 | .017 | .021 | .025 | .029 | .031 | .033 | .033 | .033 | .031 | .030 | .030 | .031 | .028 | .026 | .026 | .026 | .025 | 23 | .033 | |
| 2 | .025 | .024 | .024 | BF | .033 | .035 | .033 | .034 | .035 | .040 | .046 | .052 | .056 | .056 | .055 | .055 | .053 | .047 | .040 | .037 | .033 | .033 | .032 | 23 | .056 | |
| 3 | .034 | .031 | .030 | BF | .018 | .011 | .018 | .036 | .045 | .049 | .051 | .051 | .052 | .052 | .053 | .053 | .054 | .054 | .053 | .046 | .051 | .055 | .054 | .051 | 23 | .055 |
| 4 | .048 | .046 | .044 | BF | .045 | .043 | .043 | .043 | .045 | .048 | .054 | .055 | .055 | .054 | .051 | .048 | .052 | .053 | .053 | .050 | .048 | .048 | .045 | .044 | 23 | .055 |
| 5 | .037 | .029 | .023 | BF | .019 | .020 | .028 | .036 | .040 | .039 | .040 | .041 | .042 | .041 | .041 | .042 | .045 | .046 | .045 | .042 | .042 | .043 | .043 | .040 | 23 | .046 |
| 6 | .037 | .034 | .032 | BF | .029 | .028 | .029 | .029 | .029 | .029 | .029 | .028 | .028 | .028 | .027 | .034 | .041 | .042 | .029 | .018 | .010 | .016 | .026 | .025 | 23 | .042 |
| 7 | .021 | .025 | .024 | BF | .023 | .025 | .029 | .031 | .033 | .036 | .040 | .041 | .043 | .044 | .045 | .048 | .050 | .048 | .036 | .027 | .019 | .018 | .024 | .021 | 23 | .050 |
| 8 | .020 | .016 | .011 | BF | .007 | .004 | .010 | .021 | .035 | .042 | .049 | .050 | .053 | .056 | .059 | .058 | .055 | .053 | .052 | .038 | .028 | .041 | .041 | .032 | 23 | .059 |
| 9 | .026 | .026 | .018 | BF | .008 | .005 | .010 | .036 | .045 | .049 | .052 | .055 | .055 | .053 | .050 | .047 | .048 | .043 | .040 | .033 | .028 | .019 | .018 | .015 | 23 | .055 |
| 10 | .016 | .016 | .017 | BF | .016 | .019 | .022 | .031 | .030 | .034 | .049 | .050 | .049 | .049 | .049 | .049 | .050 | .046 | .035 | .026 | .026 | .031 | .037 | .038 | 23 | .050 |
| 11 | .036 | .043 | .043 | BF | .039 | .034 | .032 | .034 | .039 | .040 | .037 | .033 | .031 | .033 | .040 | .041 | .041 | .047 | .053 | .052 | .049 | .048 | .046 | .048 | 23 | .053 |
| 12 | .049 | .049 | .046 | BF | .042 | .041 | .039 | .036 | .035 | .035 | .035 | .033 | .034 | .035 | .034 | .033 | .032 | .031 | .032 | .032 | .030 | .028 | .028 | .026 | 23 | .049 |
| 13 | .025 | .023 | .023 | BF | .022 | .021 | .020 | .022 | .023 | .022 | .024 | .028 | .030 | .029 | .032 | .031 | .030 | .027 | .026 | .017 | .008 | .008 | .006 | .004 | 23 | .032 |
| 14 | .003 | .003 | .002 | BF | .002 | .003 | .011 | .020 | .025 | .032 | .040 | .047 | .051 | .054 | .056 | .058 | .059 | .057 | .054 | .051 | .049 | .048 | .046 | .045 | 23 | .059 |
| 15 | .046 | .045 | .044 | BF | .039 | .032 | .041 | .044 | .046 | .047 | .048 | .049 | .051 | .054 | .054 | .055 | .055 | .054 | .043 | .030 | .020 | .015 | .018 | .018 | 23 | .055 |
| 16 | .018 | .012 | .017 | BF | .006 | .007 | .018 | .037 | .044 | .052 | .056 | .057 | .058 | .060 | .061 | .059 | .058 | .056 | .048 | .044 | .041 | .036 | .034 | .029 | 23 | .061 |
| 17 | .027 | .027 | .027 | BF | .026 | .026 | .026 | .032 | .042 | .050 | .054 | .057 | .059 | .062 | .064 | .069 | .066 | .062 | .054 | .046 | .042 | .041 | .044 | .044 | 23 | .069 |
| 18 | .044 | .043 | .040 | BF | .030 | .029 | .028 | .032 | .039 | BA | .046 | .050 | .052 | .053 | .052 | .051 | .050 | .046 | .045 | .044 | .042 | .038 | .036 | .034 | 22 | .053 |
| 19 | .034 | .034 | .034 | BF | .030 | .028 | .027 | .031 | .035 | .039 | .042 | .045 | .048 | .050 | .051 | .051 | .050 | .046 | .040 | .033 | .031 | .030 | .028 | .027 | 23 | .051 |
| 20 | .027 | .024 | .022 | BF | .018 | .019 | .021 | .029 | .039 | .046 | .050 | .049 | .051 | .052 | .049 | .041 | .033 | .033 | .033 | .031 | .030 | .029 | .028 | .031 | 23 | .052 |
| 21 | .033 | .032 | .031 | BF | .031 | .030 | .031 | .030 | .029 | .033 | .036 | .037 | .038 | .038 | .038 | .037 | .035 | .033 | .031 | .035 | .036 | .036 | .036 | .035 | 23 | .038 |
| 22 | .034 | .029 | .027 | BF | .016 | .018 | .019 | .021 | .025 | .027 | .029 | .030 | .031 | .035 | .037 | .040 | .040 | .036 | .031 | .028 | .019 | .013 | .007 | .015 | 23 | .040 |
| 23 | .024 | .022 | .019 | BF | .018 | .020 | .019 | .020 | .027 | .038 | .039 | .034 | .029 | .028 | .025 | .025 | .026 | .026 | .028 | .028 | .028 | .026 | .025 | .024 | 23 | .039 |
| 24 | .022 | .022 | .023 | BF | .016 | .016 | .020 | .023 | .025 | .026 | .027 | .030 | .029 | .030 | .030 | .028 | .028 | .027 | .029 | .028 | .027 | .026 | .028 | .029 | 23 | .030 |
| 25 | .028 | .028 | .029 | BF | .028 | .026 | .025 | .026 | .029 | .034 | .039 | .044 | .045 | .046 | .048 | .048 | .047 | .044 | .044 | .035 | .034 | .036 | .031 | .030 | 23 | .048 |
| 26 | .033 | .032 | .033 | BF | .032 | .032 | .033 | .036 | .041 | .049 | .052 | .053 | .053 | .053 | .054 | .055 | .057 | .056 | .050 | .038 | .029 | .021 | .018 | .016 | 23 | .057 |
| 27 | .011 | .017 | .026 | BF | .030 | .027 | .029 | .033 | .039 | .044 | .051 | .056 | .057 | .058 | .059 | .058 | .058 | .059 | .051 | .038 | .038 | .041 | .042 | .049 | 23 | .059 |
| 28 | .045 | .042 | .039 | BF | .025 | .022 | .024 | .022 | .021 | .027 | .036 | .045 | .047 | .049 | .055 | .057 | .055 | .050 | .045 | .030 | .019 | .016 | .015 | .017 | 23 | .057 |
| 29 | .014 | .024 | .022 | BF | .011 | .012 | .021 | .030 | .039 | .045 | .048 | .049 | .050 | .050 | .051 | .051 | .049 | .045 | .025 | .014 | .014 | .018 | .011 | .013 | 23 | .051 |
| 30 | .024 | .026 | .027 | BF | .021 | .017 | .019 | .022 | .028 | .030 | .036 | .039 | .039 | .039 | .040 | .043 | .044 | .038 | .031 | .021 | .014 | .007 | .018 | .027 | 23 | .044 |
| 31 | .023 | .026 | .022 | BF | .019 | .017 | .018 | .022 | .027 | .029 | .028 | .032 | .042 | .048 | .046 | .040 | .034 | .037 | .035 | .027 | .023 | .025 | .023 | .023 | 23 | .048 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .049 | .049 | .046 | | .045 | .043 | .043 | .044 | .046 | .052 | .056 | .057 | .059 | .062 | .064 | .069 | .066 | .062 | .054 | .052 | .051 | .055 | .054 | .051 | | |
| AVG: | .0285 | .0280 | .0270 | | .0230 | .0220 | .0245 | .0297 | .0342 | .0380 | .0417 | .0438 | .0450 | .0459 | .0465 | .0463 | .0460 | .0445 | .0402 | .0339 | .0303 | .0295 | .0295 | .0293 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0351 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
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CAS NUMBER: 10028-15-6
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 4.52

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .022 | .022 | .022 | BF | .014 | .014 | .015 | .025 | .036 | .046 | .051 | .054 | .056 | .056 | .056 | .057 | .054 | .053 | .029 | .023 | .036 | .036 | .026 | .024 | 23 | .057 | |
| 2 | .017 | .014 | .006 | BF | .002 | .003 | .012 | .025 | .038 | .051 | .057 | .060 | .060 | .059 | .061 | .063 | .062 | .060 | .046 | .034 | .035 | .040 | .032 | .031 | 23 | .063 | |
| 3 | .030 | .021 | .008 | BF | .002 | .002 | .019 | .041 | .047 | .054 | .057 | .061 | .064 | .063 | .067 | .066 | .062 | .059 | .052 | .032 | .022 | .017 | .009 | .010 | 23 | .067 | |
| 4 | .009 | .002 | .002 | BF | .001 | .004 | .014 | .032 | .040 | .048 | .057 | .058 | .058 | .057 | .057 | .056 | .049 | .038 | .038 | .034 | .029 | .025 | .022 | .023 | 23 | .058 | |
| 5 | .020 | .019 | .018 | BF | .014 | .013 | .014 | .016 | .018 | .019 | .020 | .022 | .021 | .019 | .019 | .019 | .017 | .018 | .013 | .016 | .031 | .030 | .028 | .027 | 23 | .031 | |
| 6 | .025 | .023 | .025 | BF | .024 | .022 | .025 | .031 | .034 | .039 | .039 | .041 | .043 | .046 | .047 | .048 | .051 | .055 | .044 | .031 | .036 | .043 | .050 | .050 | 23 | .055 | |
| 7 | .046 | .038 | .035 | BF | .031 | .026 | .032 | .045 | .044 | .042 | .043 | .043 | .041 | .039 | .037 | .035 | .037 | .035 | .033 | .034 | .034 | .036 | .036 | .036 | 23 | .046 | |
| 8 | .036 | .037 | .036 | BF | .036 | .035 | .035 | .034 | .033 | .034 | .034 | .035 | .033 | .034 | .034 | .034 | .035 | .035 | .034 | .031 | .021 | .017 | .007 | .005 | 23 | .037 | |
| 9 | .004 | .004 | .004 | BF | .005 | .006 | .015 | .024 | .034 | .041 | .047 | .049 | .052 | .055 | .057 | .058 | .057 | .056 | .038 | .021 | .021 | .036 | .035 | .033 | 23 | .058 | |
| 10 | .031 | .029 | .028 | BF | .016 | .017 | .025 | .033 | .037 | .041 | .047 | .053 | .054 | .055 | .055 | .056 | .056 | .056 | .049 | .041 | .038 | .037 | .037 | .037 | 23 | .056 | |
| 11 | .034 | .034 | .030 | BF | .021 | .017 | .023 | .028 | .034 | .038 | .041 | .044 | .046 | .050 | .051 | .052 | .050 | .047 | .039 | .039 | .038 | .036 | .033 | .030 | 23 | .052 | |
| 12 | .030 | .031 | .029 | BF | .024 | .023 | .026 | .031 | .035 | .042 | .045 | .050 | .052 | .051 | .050 | .052 | .052 | .050 | .044 | .039 | .035 | .035 | .036 | .036 | 23 | .052 | |
| 13 | .037 | .035 | .032 | BF | .025 | .023 | .024 | .029 | .037 | .045 | .050 | .049 | .051 | .050 | .050 | .048 | .049 | .047 | .041 | .036 | .033 | .033 | .032 | .029 | 23 | .051 | |
| 14 | .024 | .023 | .023 | BF | .017 | .016 | .019 | .030 | .042 | .048 | .052 | .055 | .055 | .055 | .057 | .057 | .059 | .059 | .046 | .042 | .052 | .048 | .046 | .042 | 23 | .059 | |
| 15 | .029 | .023 | .017 | BF | .011 | .013 | .017 | .034 | .038 | .038 | .041 | .046 | .049 | .053 | .051 | .049 | .052 | .053 | .048 | .042 | .041 | .040 | .037 | .032 | 23 | .053 | |
| 16 | .027 | .020 | .016 | BF | .010 | .009 | .017 | .028 | .036 | .036 | .036 | .038 | .035 | BA | .037 | .033 | .030 | .027 | .028 | .022 | .017 | .013 | .010 | .015 | 22 | .038 | |
| 17 | .018 | .016 | .012 | BF | .015 | .015 | .014 | .017 | .020 | .024 | .030 | .028 | .025 | .026 | .024 | .021 | .021 | .021 | .021 | .019 | .021 | .023 | .023 | .021 | 23 | .030 | |
| 18 | .018 | .017 | .018 | BF | .020 | .019 | .020 | .024 | .028 | .028 | .031 | .032 | .033 | .034 | .036 | .033 | .027 | .022 | .021 | .019 | .018 | .017 | .013 | .012 | 23 | .036 | |
| 19 | .010 | .009 | .007 | BF | .009 | .010 | .012 | .015 | .018 | .019 | .020 | .021 | .023 | .025 | .024 | .027 | .022 | .020 | .019 | .017 | .015 | .015 | .015 | .014 | 23 | .027 | |
| 20 | .013 | .013 | .012 | BF | .023 | .032 | .031 | .031 | .033 | .031 | .033 | .034 | .031 | .028 | .027 | .029 | .027 | .024 | .023 | .021 | .020 | .018 | .016 | .015 | 23 | .034 | |
| 21 | .014 | .014 | .014 | BF | .012 | .013 | .015 | .024 | .028 | .023 | .022 | .024 | .025 | .027 | .028 | .030 | .030 | .025 | .025 | .018 | .017 | .013 | .014 | .015 | 23 | .030 | |
| 22 | .014 | .013 | .011 | BF | .010 | .010 | .010 | .014 | .016 | .019 | .021 | .023 | .027 | .027 | .025 | .028 | .026 | .026 | .022 | .018 | .017 | .016 | .014 | .013 | 23 | .028 | |
| 23 | .013 | .011 | .010 | BF | .008 | .008 | .008 | .010 | .013 | .014 | .015 | .019 | .023 | .026 | .027 | .026 | .026 | .024 | .023 | .021 | .020 | .019 | .018 | .018 | 23 | .027 | |
| 24 | .019 | .020 | .020 | BF | .020 | .020 | .020 | .021 | .024 | .029 | .033 | .036 | .037 | .039 | .038 | .033 | .028 | .022 | .023 | .028 | .025 | .030 | .021 | .023 | 23 | .039 | |
| 25 | .020 | .019 | .018 | BF | .019 | .022 | .024 | .021 | .028 | .032 | .034 | .034 | .040 | .042 | .041 | .042 | .044 | .040 | .029 | .019 | .025 | .021 | .024 | .020 | 23 | .044 | |
| 26 | .013 | .011 | .009 | BF | .021 | .024 | .025 | .031 | .038 | .044 | .048 | .049 | .054 | .051 | .049 | .049 | .046 | .044 | .034 | .037 | .033 | .022 | .017 | .014 | 23 | .054 | |
| 27 | .014 | .013 | .020 | BF | .014 | .013 | .019 | .024 | .032 | .043 | .049 | .052 | .052 | .053 | .054 | .054 | .052 | .046 | .043 | .035 | .028 | .029 | .016 | .010 | 23 | .054 | |
| 28 | .010 | .003 | .002 | BF | .009 | .020 | .023 | .026 | .035 | .040 | .048 | .048 | .047 | .047 | .048 | .049 | .049 | .048 | .041 | .034 | .041 | .036 | .031 | .024 | 23 | .049 | |
| 29 | .013 | .008 | .004 | BF | .002 | .001 | .007 | .018 | .029 | .043 | .045 | .052 | .052 | .050 | .050 | .048 | .046 | .046 | .042 | .038 | .035 | .031 | .032 | .030 | 23 | .052 | |
| 30 | .027 | .024 | .016 | BF | .006 | .009 | .022 | .030 | .036 | .039 | .040 | .040 | .041 | .039 | .036 | .031 | .027 | .024 | .022 | .021 | .018 | .016 | .014 | .013 | 23 | .041 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .046 | .038 | .036 | | .036 | .035 | .035 | .045 | .047 | .054 | .057 | .061 | .064 | .063 | .067 | .066 | .062 | .060 | .052 | .042 | .052 | .048 | .050 | .050 | | | |
| AVG: | .0212 | .0189 | .0168 | | .0147 | .0153 | .0194 | .0264 | .0320 | .0363 | .0395 | .0417 | .0427 | .0433 | .0431 | .0430 | .0418 | .0399 | .0336 | .0287 | .0287 | .0276 | .0252 | .0233 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0306 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 4.52

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .013 | .013 | .013 | BF | .013 | .012 | .013 | .017 | .020 | .023 | .023 | .022 | .023 | .025 | .026 | .028 | .028 | .028 | .025 | .023 | .020 | .016 | .012 | .007 | 23 | .028 |
| 2 | .009 | .009 | .008 | BF | .011 | .011 | .014 | .023 | .031 | .035 | .037 | .039 | .039 | .041 | .040 | .041 | .042 | .044 | .033 | .023 | .032 | .039 | .031 | .032 | 23 | .044 |
| 3 | .025 | .021 | .015 | BF | .011 | .009 | .012 | .019 | .027 | .031 | .037 | .044 | .049 | .051 | .052 | .050 | .045 | .044 | .038 | .032 | .017 | .016 | .018 | .012 | 23 | .052 |
| 4 | .006 | .003 | .005 | BF | .009 | .009 | .009 | .014 | .018 | .023 | .025 | .025 | .027 | .025 | .025 | .025 | .023 | .023 | .017 | .014 | .008 | .007 | .003 | .005 | 23 | .027 |
| 5 | .003 | .002 | .001 | BF | .001 | .001 | .009 | .020 | .029 | .039 | .043 | .033 | .030 | .032 | .030 | .030 | .028 | .025 | .021 | .019 | .025 | .035 | .024 | .018 | 23 | .043 |
| 6 | .015 | .012 | .008 | BF | .004 | .007 | .017 | .025 | .031 | .036 | .040 | .042 | .039 | .036 | .039 | .041 | .041 | .041 | .027 | .026 | .035 | .029 | .028 | .025 | 23 | .042 |
| 7 | .018 | .020 | .020 | BF | .020 | .022 | .023 | .027 | .032 | .037 | .039 | .042 | .044 | .045 | .044 | .048 | .049 | .035 | .023 | .015 | .014 | .017 | .013 | 23 | .049 | |
| 8 | .022 | .025 | .020 | BF | .015 | .015 | .017 | .023 | .030 | .036 | .039 | .041 | .044 | .051 | .053 | .052 | .048 | .040 | .035 | .032 | .030 | .039 | .043 | .033 | 23 | .053 |
| 9 | .028 | .027 | .024 | BF | .020 | .021 | .022 | .022 | .026 | .029 | .031 | .039 | .048 | .046 | .042 | .039 | .039 | .039 | .037 | .039 | .028 | .019 | .013 | .009 | 23 | .048 |
| 10 | .009 | .005 | .005 | BF | .002 | .002 | .015 | .022 | .027 | .034 | .037 | .035 | .037 | .040 | .038 | .034 | .029 | .023 | .022 | .020 | .020 | .018 | .016 | .013 | 23 | .040 |
| 11 | .014 | .014 | .016 | BF | .011 | .010 | .013 | .019 | .025 | .031 | .033 | .032 | .034 | .036 | .040 | .042 | .044 | .041 | .031 | .022 | .019 | .017 | .014 | .017 | 23 | .044 |
| 12 | .020 | .021 | .019 | BF | .013 | .012 | .015 | .018 | .022 | .027 | .033 | .037 | .036 | .035 | .037 | .037 | .036 | .035 | .029 | .023 | .020 | .019 | .015 | .013 | 23 | .037 |
| 13 | .012 | .011 | .010 | BF | .007 | .006 | .006 | .010 | .017 | .026 | .032 | .037 | .039 | .040 | .038 | .036 | .034 | .033 | .029 | .022 | .018 | .015 | .013 | .013 | 23 | .040 |
| 14 | .013 | .012 | .011 | BF | .013 | .008 | .007 | .007 | .016 | .027 | .032 | .036 | .040 | .042 | .043 | .042 | .041 | .039 | .027 | .017 | .016 | .033 | .043 | .028 | 23 | .043 |
| 15 | .013 | .011 | .011 | BF | .009 | .007 | .010 | .015 | .024 | .033 | .039 | .044 | .048 | .049 | .048 | .046 | .048 | .047 | .040 | .044 | .046 | .042 | .041 | .044 | 23 | .049 |
| 16 | .041 | .035 | .030 | BF | .030 | .024 | .026 | .024 | .027 | .034 | .030 | .028 | .031 | .033 | .035 | .030 | .030 | .047 | .039 | .034 | .033 | .035 | .040 | .037 | 23 | .047 |
| 17 | .027 | .024 | .023 | BF | .022 | .021 | .024 | .022 | .019 | .021 | .023 | BA | .030 | .032 | .035 | .031 | .027 | .025 | .021 | .014 | .012 | .016 | .012 | .011 | 22 | .035 |
| 18 | .012 | .013 | .011 | BF | .004 | .005 | .007 | .009 | .012 | .013 | .020 | .027 | .030 | .027 | .022 | .025 | .024 | .027 | .024 | .016 | .017 | .015 | .013 | .007 | 23 | .030 |
| 19 | .006 | .008 | .003 | BF | .002 | .002 | .010 | .019 | .025 | .029 | .032 | .035 | .037 | .038 | .038 | .036 | .030 | .027 | .026 | .026 | .023 | .017 | .008 | 23 | .038 | |
| 20 | .006 | .007 | .004 | BF | .002 | .002 | .008 | .018 | AZ | .041 | .049 | .049 | .050 | .048 | .047 | .047 | .046 | .042 | .032 | .025 | .021 | .023 | .026 | .025 | 22 | .050 |
| 21 | .024 | .024 | .021 | BF | .015 | .012 | .014 | .019 | .028 | .037 | .045 | .051 | .051 | .051 | .050 | .049 | .055 | .051 | .056 | .047 | .038 | .033 | .024 | .023 | 23 | .056 |
| 22 | .024 | .024 | .021 | BF | .017 | .016 | .017 | .021 | .027 | .032 | .037 | .039 | .042 | .043 | .043 | .041 | .041 | .038 | .035 | .033 | .032 | .032 | .034 | .034 | 23 | .043 |
| 23 | .033 | .031 | .030 | BF | .028 | .027 | .027 | .027 | .029 | .033 | .037 | .040 | .042 | .045 | .048 | .042 | .042 | .038 | .034 | .048 | .048 | .042 | .042 | .037 | 23 | .048 |
| 24 | .034 | .030 | .027 | BF | .019 | .021 | .023 | .024 | .030 | .034 | .034 | .036 | .040 | .042 | .042 | .046 | .045 | .040 | .035 | .029 | .031 | .029 | .025 | .021 | 23 | .046 |
| 25 | .019 | .019 | .016 | BF | .011 | .012 | .015 | .019 | .025 | .034 | .041 | .048 | .050 | .049 | .047 | .048 | .046 | .043 | .041 | .045 | .043 | .040 | .039 | .042 | 23 | .050 |
| 26 | .033 | .019 | .015 | BF | .012 | .018 | .024 | .028 | .036 | .037 | .039 | .044 | .046 | .046 | .046 | .047 | .044 | .041 | .038 | .032 | .030 | .026 | .028 | .022 | 23 | .047 |
| 27 | .026 | .024 | .015 | BF | .013 | .012 | .010 | .015 | .021 | .032 | .037 | .039 | .040 | .043 | .042 | .042 | .037 | .034 | .034 | .032 | .032 | .033 | .033 | .031 | 23 | .043 |
| 28 | .029 | .027 | .027 | BF | .027 | .022 | .020 | .018 | .020 | .026 | .031 | .032 | .033 | .031 | .030 | .027 | .021 | .031 | .032 | .025 | .017 | .011 | .010 | .009 | 23 | .033 |
| 29 | .023 | .020 | .017 | BF | .031 | .022 | .018 | .015 | .014 | .016 | .022 | .025 | .033 | .038 | .038 | .034 | .032 | .032 | .032 | .032 | .029 | .026 | .024 | .022 | 23 | .038 |
| 30 | .019 | .017 | .017 | BF | .014 | .014 | .015 | .019 | .024 | .031 | .034 | .035 | .039 | .040 | .040 | .041 | .043 | .043 | .039 | .034 | .032 | .028 | .013 | .007 | 23 | .043 |
| 31 | .011 | .008 | .008 | BF | .013 | .011 | .013 | .019 | .026 | .032 | .034 | .036 | .036 | .036 | .036 | .037 | .037 | .037 | .036 | .023 | .015 | .010 | .006 | .003 | 23 | .037 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .041 | .035 | .030 | | .031 | .027 | .027 | .028 | .036 | .041 | .049 | .051 | .051 | .051 | .053 | .052 | .055 | .051 | .056 | .048 | .048 | .042 | .043 | .044 | | |
| AVG: | .0189 | .0173 | .0152 | | .0135 | .0127 | .0153 | .0193 | .0246 | .0306 | .0344 | .0371 | .0389 | .0399 | .0398 | .0391 | .0381 | .0371 | .0323 | .0282 | .0260 | .0252 | .0231 | .0200 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0272 MONTHLY MAX: .056

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 4.52

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .001 | .001 | .001 | BF | .001 | .001 | .004 | .016 | .027 | .035 | .037 | .048 | .055 | .053 | .053 | .051 | .049 | .041 | .026 | .019 | .024 | .019 | .014 | .007 | 23 | .055 |
| 2 | .008 | .004 | .002 | BF | .001 | .001 | .006 | .020 | .027 | .037 | .043 | .049 | .052 | .049 | .048 | .046 | .045 | .035 | .023 | .018 | .026 | .026 | .025 | .023 | 23 | .052 |
| 3 | .022 | .015 | .016 | BF | .013 | .013 | .016 | .016 | .018 | .022 | .027 | .034 | .037 | .040 | .040 | .042 | .032 | .028 | .025 | .023 | .022 | .016 | .015 | .012 | 23 | .042 |
| 4 | .008 | .005 | .002 | BF | .001 | .001 | .001 | .008 | .029 | .037 | .038 | .045 | .043 | .040 | .037 | .038 | .038 | .036 | .033 | .031 | .027 | .024 | .023 | .024 | 23 | .045 |
| 5 | .023 | .021 | .019 | BF | .015 | .012 | .014 | .017 | .022 | .029 | .036 | .041 | .045 | .046 | .046 | .048 | .040 | .041 | .028 | .016 | .010 | .011 | .036 | .037 | 23 | .048 |
| 6 | .037 | .036 | .034 | BF | .017 | .015 | .016 | .032 | .037 | .037 | .036 | .037 | .038 | .040 | .040 | .040 | .039 | .038 | .036 | .034 | .034 | .033 | .029 | .029 | 23 | .040 |
| 7 | .030 | .024 | .021 | BF | .016 | .014 | .012 | .014 | .017 | .016 | .017 | .021 | .025 | .027 | .029 | .023 | .024 | .022 | .018 | .016 | .017 | .021 | .021 | .016 | 23 | .030 |
| 8 | .013 | .010 | .010 | BF | .023 | .017 | .011 | .011 | .025 | .024 | .027 | .026 | .029 | .028 | .030 | .029 | .027 | .024 | .022 | .019 | .023 | .028 | .030 | .035 | 23 | .035 |
| 9 | .028 | .025 | .022 | BF | .017 | .016 | .020 | .028 | .037 | .040 | .043 | .044 | .048 | .049 | .048 | .048 | .047 | .045 | .042 | .033 | .023 | .024 | .015 | .011 | 23 | .049 |
| 10 | .024 | .012 | .012 | BF | .015 | .013 | .017 | .023 | .028 | .034 | .037 | .039 | .039 | .041 | .042 | .040 | .033 | .028 | .025 | .024 | .020 | .019 | .018 | .019 | 23 | .042 |
| 11 | .022 | .020 | .018 | BF | .018 | .016 | .016 | .018 | .016 | .014 | .015 | .021 | .022 | .023 | .021 | .019 | .020 | .019 | .017 | .013 | .011 | .014 | .013 | .013 | 23 | .023 |
| 12 | .014 | .012 | .009 | BF | .007 | .006 | .007 | .006 | .006 | .005 | .011 | .017 | .020 | .020 | .019 | .018 | .017 | .014 | .015 | .017 | .015 | .014 | .013 | .012 | 23 | .020 |
| 13 | .010 | .009 | .007 | BF | .010 | .011 | .011 | .013 | .018 | .019 | .021 | .023 | .023 | .026 | .027 | .028 | .034 | .032 | .032 | .027 | .026 | .024 | .025 | .028 | 23 | .034 |
| 14 | .024 | .019 | .022 | BF | .020 | .020 | .022 | .023 | .023 | .024 | .025 | .025 | .021 | .021 | .021 | .021 | .023 | .023 | .021 | .024 | .029 | .022 | .018 | .013 | 23 | .029 |
| 15 | .011 | .009 | .009 | BF | .006 | .005 | .009 | .012 | .016 | .019 | .022 | .021 | .023 | .023 | .026 | .017 | .014 | .018 | .014 | .009 | .016 | .022 | .021 | .027 | 23 | .027 |
| 16 | .019 | .016 | .017 | BF | .013 | .015 | .015 | .017 | .021 | .023 | .024 | .029 | .030 | .032 | BA | .033 | .037 | .032 | .025 | .018 | .016 | .013 | .005 | .002 | 22 | .037 |
| 17 | .001 | .001 | .003 | BF | .002 | .003 | .010 | .015 | .021 | .027 | .032 | .034 | .034 | .036 | .038 | .035 | .033 | .032 | .033 | .026 | .021 | .014 | .012 | .014 | 23 | .038 |
| 18 | .015 | .015 | .018 | BF | .015 | .015 | .016 | .020 | .023 | .025 | .027 | .031 | .033 | .032 | .033 | .034 | .032 | .031 | .025 | .020 | .027 | .028 | .028 | .027 | 23 | .034 |
| 19 | .024 | .024 | .019 | BF | .014 | .012 | .013 | .018 | .027 | .032 | .036 | .041 | .044 | .044 | .042 | .023 | .014 | .027 | .028 | .023 | .020 | .017 | .013 | .009 | 23 | .044 |
| 20 | .006 | .006 | .003 | BF | .002 | .002 | .003 | .007 | .021 | .035 | .045 | .048 | .047 | .049 | .046 | .041 | .039 | .035 | .031 | .026 | .027 | .025 | .020 | .009 | 23 | .049 |
| 21 | .004 | .003 | .005 | BF | .014 | .017 | .020 | .024 | .028 | .036 | .038 | .040 | .039 | .034 | .030 | .034 | .034 | .033 | .024 | .013 | .014 | .010 | .005 | .005 | 23 | .040 |
| 22 | .007 | .006 | .005 | BF | .005 | .004 | .004 | .008 | .010 | .013 | .015 | .017 | .017 | .019 | .017 | .018 | .018 | .019 | .016 | .012 | .010 | .011 | .011 | .012 | 23 | .019 |
| 23 | .011 | .010 | .008 | BF | .008 | .008 | .008 | .010 | .015 | .022 | .027 | .034 | .039 | .041 | .042 | .043 | .039 | AV | AV | .032 | .035 | .033 | .028 | .022 | 21 | .043 |
| 24 | .019 | .016 | .014 | BF | .014 | .014 | .020 | .020 | .027 | .044 | .045 | .047 | .051 | .051 | .052 | .052 | .051 | .048 | .039 | .040 | .034 | .024 | .018 | .013 | 23 | .052 |
| 25 | .011 | .007 | .009 | BF | .010 | .008 | .012 | .019 | .031 | .042 | .048 | .048 | .051 | .049 | .052 | .052 | .047 | .041 | .040 | .033 | .025 | .029 | .032 | .036 | 23 | .052 |
| 26 | .027 | .022 | .024 | BF | .027 | .029 | .030 | .036 | .046 | .047 | .048 | .046 | .047 | .045 | .046 | .045 | .046 | .044 | .041 | .032 | .033 | .031 | .033 | .030 | 23 | .048 |
| 27 | .030 | .028 | .025 | BF | .020 | .018 | .020 | .028 | .039 | .044 | .046 | .047 | .050 | .051 | .052 | .050 | .047 | .045 | .042 | .038 | .034 | .031 | .030 | .023 | 23 | .052 |
| 28 | .025 | .023 | .024 | BF | .032 | .034 | .032 | .034 | .035 | .036 | .037 | .037 | .036 | .036 | .033 | .029 | .030 | .031 | .032 | .033 | .034 | .032 | .030 | .030 | 23 | .037 |
| 29 | .032 | .034 | .027 | BF | .022 | .018 | .016 | .015 | .016 | .017 | .017 | .022 | .025 | .027 | .031 | .032 | .033 | .039 | .040 | .037 | .033 | .029 | .027 | .028 | 23 | .040 |
| 30 | .026 | .024 | .023 | BF | .024 | .027 | .028 | .029 | .028 | .027 | .031 | .033 | .035 | .036 | .037 | .037 | .036 | .026 | .010 | .005 | .006 | .013 | .018 | .016 | 23 | .037 |
| 31 | .014 | .014 | .014 | BF | .013 | .011 | .011 | .014 | .020 | .027 | .034 | .037 | .041 | .043 | .043 | .043 | .041 | .038 | .024 | .021 | .023 | .020 | .020 | .019 | 23 | .043 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .037 | .036 | .034 | | .032 | .034 | .032 | .036 | .046 | .047 | .048 | .049 | .055 | .053 | .053 | .052 | .051 | .048 | .042 | .040 | .035 | .033 | .036 | .037 | | |
| AVG: | .0176 | .0152 | .0143 | | .0134 | .0128 | .0142 | .0184 | .0243 | .0287 | .0318 | .0349 | .0367 | .0371 | .0374 | .0358 | .0342 | .0322 | .0276 | .0236 | .0231 | .0218 | .0208 | .0194 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0250 MONTHLY MAX: .055

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 4.52

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .015 | .009 | .007 | BF | .002 | .001 | .002 | .008 | .020 | .024 | .026 | .031 | .034 | .036 | .039 | .039 | .037 | .033 | .030 | .025 | .030 | .029 | .029 | .031 | 23 | .039 | |
| 2 | .029 | .028 | .027 | BF | .028 | .026 | .023 | .021 | .019 | .020 | .026 | .028 | .026 | .026 | .027 | .027 | .030 | .030 | .020 | .019 | .018 | .018 | .017 | .018 | 23 | .030 | |
| 3 | .019 | .022 | .020 | BF | .015 | .014 | .013 | .015 | .019 | .022 | .024 | .026 | .028 | .030 | .031 | .030 | .031 | .027 | .012 | .005 | .003 | .002 | .001 | .001 | 23 | .031 | |
| 4 | .001 | .001 | .003 | BF | .001 | .001 | .002 | .009 | .021 | .031 | .034 | .040 | .041 | .043 | .044 | .045 | .042 | .033 | .016 | .018 | .023 | .025 | .028 | .028 | 23 | .045 | |
| 5 | .026 | .025 | .024 | BF | .022 | .020 | .021 | .026 | .027 | .030 | .032 | .033 | .033 | .034 | .034 | .036 | .036 | .034 | .029 | .026 | .027 | .027 | .026 | .025 | 23 | .036 | |
| 6 | .022 | .028 | .030 | BF | .029 | .027 | .022 | .021 | .025 | .029 | .031 | .029 | .029 | .029 | .029 | .029 | .026 | .031 | .032 | .032 | .028 | .022 | .019 | .020 | 23 | .032 | |
| 7 | .020 | .019 | .017 | BF | .017 | .023 | .021 | .021 | .024 | .028 | .033 | .037 | .041 | .040 | .041 | .041 | .041 | .031 | .014 | .006 | .003 | .002 | .001 | .001 | 23 | .041 | |
| 8 | .001 | .001 | .001 | BF | .001 | .001 | .003 | .015 | .023 | .028 | .033 | .036 | .038 | .037 | .037 | .037 | .036 | .030 | .021 | .017 | .013 | .007 | .004 | .002 | 23 | .038 | |
| 9 | .002 | .003 | .006 | BF | .005 | .003 | .008 | .021 | .027 | .035 | .039 | .041 | .043 | .043 | .044 | .045 | .044 | .042 | .037 | .033 | .031 | .031 | .026 | .022 | 23 | .045 | |
| 10 | .021 | .021 | .019 | BF | .018 | .020 | .019 | .019 | .021 | .023 | .027 | .029 | .031 | .033 | .034 | .036 | .033 | .032 | .030 | .030 | .029 | .027 | .025 | .024 | 23 | .036 | |
| 11 | .023 | .022 | .023 | BF | .026 | .027 | .025 | .026 | .028 | .029 | .031 | .032 | .034 | .031 | .030 | .030 | .030 | .030 | .030 | .030 | .031 | .032 | .032 | .031 | 23 | .034 | |
| 12 | .032 | .032 | .030 | BF | .029 | .027 | .027 | .026 | .025 | .023 | .022 | .023 | .028 | .026 | .029 | .027 | .027 | .026 | .025 | .024 | .021 | .020 | .016 | .016 | 23 | .032 | |
| 13 | .016 | .014 | .014 | BF | .009 | .005 | .008 | .013 | .019 | .024 | .028 | .032 | .036 | .037 | .037 | .038 | .035 | .027 | .010 | .007 | .018 | .020 | .019 | .019 | 23 | .038 | |
| 14 | .017 | .015 | .012 | BF | .010 | .007 | .009 | .017 | .024 | .032 | .034 | .038 | .039 | .042 | .042 | .040 | .029 | .029 | .023 | .016 | .010 | .013 | .014 | .012 | 23 | .042 | |
| 15 | .009 | .006 | .004 | BF | .002 | .001 | .002 | .012 | .022 | .029 | .041 | .046 | BA | .045 | .045 | .040 | .037 | .023 | .014 | .013 | .016 | .013 | .010 | .007 | 22 | .046 | |
| 16 | .006 | .011 | .005 | BF | .001 | .002 | .009 | .015 | .024 | .042 | .050 | .050 | .048 | .048 | .047 | .046 | .040 | .039 | .038 | .029 | .021 | .018 | .017 | .014 | 23 | .050 | |
| 17 | .018 | .021 | .022 | BF | .020 | .018 | .016 | .017 | .018 | .023 | .024 | .023 | .023 | .023 | .022 | .025 | .027 | .026 | .023 | .018 | .014 | .011 | .011 | .011 | 23 | .027 | |
| 18 | .011 | .012 | .012 | BF | .013 | .013 | .012 | .012 | .015 | .023 | .031 | .034 | .036 | .038 | .038 | .037 | .035 | .030 | .026 | .024 | .021 | .019 | .017 | .017 | 23 | .038 | |
| 19 | .018 | .017 | .017 | BF | .018 | .018 | .018 | .017 | .019 | .020 | .024 | .027 | .031 | .034 | .035 | .035 | .035 | .032 | .023 | .012 | .010 | .008 | .006 | .004 | 23 | .035 | |
| 20 | .004 | .003 | .003 | BF | .002 | .002 | .002 | .010 | .020 | .028 | .042 | .052 | .053 | .055 | .053 | .052 | .048 | .029 | .013 | .007 | .003 | .001 | .001 | .001 | 23 | .055 | |
| 21 | .001 | .001 | .001 | BF | .001 | .001 | .003 | .015 | .028 | .035 | .036 | .044 | .047 | .051 | .051 | .050 | .046 | .036 | .023 | .039 | .036 | .030 | .026 | .020 | 23 | .051 | |
| 22 | .013 | .020 | .014 | BF | .002 | .001 | .002 | .016 | .029 | .039 | .042 | .045 | .048 | .050 | .050 | .050 | .048 | .033 | .028 | .031 | .019 | .013 | .006 | .005 | 23 | .050 | |
| 23 | .003 | .002 | .003 | BF | .001 | .001 | .004 | .017 | .033 | .045 | .051 | .057 | .053 | .049 | .048 | .049 | .045 | .037 | .038 | .034 | .030 | .028 | .015 | 23 | .057 | | |
| 24 | .007 | .003 | .002 | BF | .005 | .013 | .014 | .018 | .023 | .033 | .040 | .042 | .047 | .047 | .051 | .054 | .050 | .047 | .042 | .040 | .042 | .041 | .038 | .037 | 23 | .054 | |
| 25 | .033 | .028 | .026 | BF | .022 | .022 | .023 | .024 | .026 | .026 | .026 | .027 | .026 | .025 | .025 | .028 | .025 | .023 | .023 | .022 | .022 | .022 | .021 | .020 | 23 | .033 | |
| 26 | .019 | .018 | .017 | BF | .016 | .015 | .014 | .016 | .016 | .017 | .019 | .020 | .023 | .024 | .022 | .021 | .021 | .021 | .016 | .013 | .013 | .013 | .013 | .013 | 23 | .024 | |
| 27 | .013 | .013 | .014 | BF | .014 | .014 | .014 | .014 | .015 | .016 | .019 | .019 | .020 | .022 | .026 | .026 | .025 | .024 | .024 | .025 | .026 | .027 | .024 | .024 | 23 | .027 | |
| 28 | .023 | .025 | .028 | BF | .017 | .015 | .010 | .024 | .041 | .047 | .051 | .055 | .058 | .061 | .062 | .061 | .057 | .029 | .024 | .026 | .029 | .045 | .044 | .049 | 23 | .062 | |
| 29 | .046 | .041 | .041 | BF | .029 | .017 | .013 | .024 | .029 | .033 | .038 | .039 | .037 | .034 | .035 | .037 | .036 | .034 | .029 | .021 | .021 | .025 | .026 | .024 | 23 | .046 | |
| 30 | .016 | .010 | .005 | BF | .003 | .003 | .005 | .016 | .031 | .033 | .039 | .041 | .042 | .042 | .040 | .038 | .037 | .035 | .033 | .032 | .031 | .028 | .026 | .026 | 23 | .042 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .046 | .041 | .041 | | .029 | .027 | .027 | .026 | .041 | .047 | .051 | .057 | .058 | .061 | .062 | .061 | .057 | .047 | .042 | .040 | .042 | .045 | .044 | .049 | | | |
| AVG: | .0161 | .0157 | .0149 | | .0126 | .0119 | .0121 | .0175 | .0237 | .0289 | .0331 | .0359 | .0370 | .0378 | .0383 | .0383 | .0364 | .0314 | .0248 | .0226 | .0215 | .0206 | .0190 | .0179 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0247 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 4.52

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .023 | .017 | .014 | BF | .017 | .016 | .017 | .019 | .022 | .025 | .030 | .034 | .037 | .037 | .039 | .039 | .037 | .036 | .031 | .026 | .020 | .017 | .017 | .011 | 23 | .039 |
| 2 | .011 | .012 | .017 | BF | .016 | .017 | .018 | .022 | .030 | .039 | .041 | .041 | .042 | .043 | .045 | .045 | .044 | .041 | .034 | .029 | .029 | .033 | .025 | .014 | 23 | .045 |
| 3 | .010 | .011 | .019 | BF | .019 | .021 | .024 | .030 | .037 | .043 | .045 | .048 | .048 | .047 | .045 | .047 | .043 | .040 | .038 | .032 | .022 | .019 | .021 | .020 | 23 | .048 |
| 4 | .018 | .016 | .015 | BF | .013 | .012 | .013 | .015 | .024 | .035 | .037 | .041 | .043 | .043 | .043 | .043 | .040 | .034 | .028 | .020 | .017 | .012 | .016 | .011 | 23 | .043 |
| 5 | .007 | .003 | .003 | BF | .011 | .004 | .002 | .004 | .015 | .037 | .042 | .043 | .043 | .041 | .040 | .040 | .038 | .031 | .028 | .025 | .026 | .020 | .022 | .012 | 23 | .043 |
| 6 | .013 | .005 | .004 | BF | .001 | .001 | .001 | .004 | .019 | .030 | .031 | .033 | .033 | .034 | .035 | .034 | .032 | .026 | .026 | .026 | .023 | .017 | .010 | .010 | 23 | .035 |
| 7 | .006 | .006 | .006 | BF | .013 | .012 | .012 | .016 | .021 | .025 | .028 | .028 | .027 | .027 | .023 | .022 | .024 | .022 | .021 | .019 | .016 | .018 | .018 | .018 | 23 | .028 |
| 8 | .018 | .018 | .017 | BF | .013 | .011 | .010 | .014 | .020 | .020 | .021 | .021 | .020 | .020 | .021 | .022 | .020 | .017 | .017 | .015 | .012 | .012 | .013 | .012 | 23 | .022 |
| 9 | .012 | .012 | .012 | BF | .016 | .016 | .016 | .016 | .017 | .020 | .019 | .018 | .018 | .017 | .016 | .017 | .015 | .013 | .011 | .010 | .010 | .010 | .011 | .010 | 23 | .020 |
| 10 | .010 | .009 | .008 | BF | .007 | .006 | .006 | .007 | .010 | .012 | .016 | .021 | .022 | .024 | .023 | .018 | .016 | .011 | .009 | .008 | .006 | .008 | .009 | .009 | 23 | .024 |
| 11 | .008 | .007 | .009 | BF | .010 | .010 | .010 | .010 | .011 | .011 | .013 | .017 | .018 | .019 | .021 | .022 | .018 | .010 | .011 | .011 | .010 | .010 | .011 | .010 | 23 | .022 |
| 12 | .009 | .007 | .007 | BF | .005 | .006 | .007 | .007 | .010 | .019 | .021 | .030 | .036 | .038 | .039 | .039 | .030 | .027 | .027 | .028 | .028 | .027 | .026 | .026 | 23 | .039 |
| 13 | .025 | .024 | .024 | BF | .025 | .025 | .026 | .027 | .029 | .030 | .032 | .032 | .031 | .032 | .033 | .030 | .027 | .026 | .025 | .024 | .023 | .022 | .020 | .017 | 23 | .033 |
| 14 | .013 | .013 | .015 | BF | .015 | .016 | .016 | .015 | .015 | .017 | .018 | .018 | .018 | .017 | .016 | .017 | .016 | .016 | .014 | .012 | .013 | .007 | .005 | .007 | 23 | .018 |
| 15 | .007 | .008 | .008 | BF | .010 | .009 | .009 | .008 | .013 | .021 | .024 | .028 | .031 | .032 | .033 | .033 | .032 | .028 | .025 | .023 | .018 | .013 | .014 | .015 | 23 | .033 |
| 16 | .016 | .013 | .012 | BF | .011 | .009 | .010 | .012 | .014 | .018 | .024 | .026 | BA | .024 | .023 | .021 | .020 | .022 | .018 | .016 | .023 | .025 | .023 | .023 | 22 | .026 |
| 17 | .024 | .021 | .020 | BF | .018 | .017 | .017 | .017 | .020 | .024 | .028 | .031 | .034 | .038 | .040 | .042 | .042 | .040 | .037 | .032 | .021 | .011 | .017 | .017 | 23 | .042 |
| 18 | .017 | .017 | .020 | BF | .019 | .019 | .017 | .020 | .025 | .031 | .037 | .038 | .041 | .041 | .040 | .040 | .039 | .031 | .013 | .012 | .009 | .004 | .003 | .003 | 23 | .041 |
| 19 | .002 | .002 | .004 | BF | .007 | .013 | .014 | .021 | .025 | .033 | .037 | .041 | .042 | .042 | .043 | .044 | .031 | .018 | .006 | .007 | .003 | .002 | .001 | .001 | 23 | .044 |
| 20 | .002 | .002 | .002 | BF | .002 | .001 | .001 | .006 | .020 | .032 | .039 | .045 | .050 | .051 | .054 | .054 | .053 | .025 | .020 | .010 | .010 | .010 | .016 | .015 | 23 | .054 |
| 21 | .012 | .008 | .008 | BF | .002 | .001 | .001 | .003 | .024 | .036 | .049 | .057 | .061 | .068 | .069 | .063 | .059 | .048 | .039 | .032 | .026 | .025 | .018 | .013 | 23 | .069 |
| 22 | .013 | .009 | .007 | BF | .001 | .001 | .001 | .004 | .030 | .047 | .055 | .055 | .055 | .055 | .052 | .051 | .049 | .045 | .038 | .022 | .017 | .018 | .021 | .018 | 23 | .055 |
| 23 | .014 | .022 | .020 | BF | .005 | .001 | .002 | .019 | .029 | .040 | .046 | .047 | .044 | .042 | .041 | .037 | .036 | .033 | .032 | .030 | .030 | .030 | .030 | .030 | 23 | .047 |
| 24 | .027 | .025 | .028 | BF | .030 | .031 | .027 | .024 | .024 | .026 | .030 | .033 | .034 | .034 | .036 | .037 | .037 | .024 | .012 | .012 | .012 | .006 | .007 | .013 | 23 | .037 |
| 25 | .011 | .010 | .011 | BF | .011 | .013 | .012 | .011 | .019 | .021 | .025 | .033 | .037 | .040 | .041 | .042 | .039 | .020 | .020 | .016 | .014 | .013 | .012 | .025 | 23 | .042 |
| 26 | .024 | .019 | .015 | BF | .017 | .017 | .016 | .017 | .019 | .020 | .022 | .026 | .028 | .033 | .036 | .037 | .034 | .015 | .011 | .006 | .004 | .003 | .002 | .004 | 23 | .037 |
| 27 | .005 | .003 | .002 | BF | .003 | .001 | .001 | .005 | .022 | .031 | .039 | .043 | .045 | .047 | .046 | .047 | .043 | .038 | .037 | .035 | .029 | .017 | .015 | .014 | 23 | .047 |
| 28 | .013 | .012 | .008 | BF | .005 | .003 | .003 | .021 | .032 | .032 | .034 | .043 | .044 | .042 | .041 | .040 | .034 | .033 | .034 | .034 | .033 | .034 | .033 | .030 | 23 | .044 |
| 29 | .030 | .033 | .031 | BF | .036 | .031 | .027 | .024 | .026 | .029 | .030 | .029 | .034 | .038 | .034 | .029 | .029 | .028 | .026 | .017 | .016 | .016 | .018 | .018 | 23 | .038 |
| 30 | .018 | .018 | .018 | BF | .018 | .017 | .016 | .017 | .020 | .023 | .026 | .028 | .031 | .033 | .035 | .035 | .029 | .016 | .012 | .013 | .013 | .017 | .016 | .014 | 23 | .035 |
| 31 | .015 | .016 | .014 | BF | .007 | .004 | .003 | .006 | .018 | .024 | .030 | .038 | .042 | .045 | .046 | .045 | .029 | .013 | .006 | .007 | .006 | .002 | .006 | .005 | 23 | .046 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .030 | .033 | .031 | | .036 | .031 | .027 | .030 | .037 | .047 | .055 | .057 | .061 | .068 | .069 | .063 | .059 | .048 | .039 | .035 | .033 | .034 | .033 | .030 | | |
| AVG: | .0140 | .0128 | .0128 | | .0124 | .0116 | .0115 | .0142 | .0213 | .0275 | .0313 | .0344 | .0363 | .0369 | .0371 | .0365 | .0334 | .0267 | .0228 | .0196 | .0174 | .0154 | .0154 | .0144 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0224 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.81066
 LONGITUDE: -76.906249
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 14
 PROBE HEIGHT: 4.52

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .004 | .005 | .005 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .005 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .004 | .005 | .005 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0040 | .0050 | .0050 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0047 MONTHLY MAX: .005

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-129-0002 POC: 1
 COUNTY: (129) New Hanover
 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .027 | .027 | .028 | BF | .028 | .028 | .029 | .029 | .029 | .028 | .028 | .030 | .031 | .037 | .038 | .037 | .033 | .030 | .031 | .032 | .033 | .033 | .032 | .031 | 23 | .038 |
| 2 | .032 | .034 | .032 | BF | .030 | .031 | .027 | .039 | .039 | .038 | .038 | .038 | .041 | .045 | .045 | .045 | .044 | .038 | .024 | .014 | .010 | .010 | .005 | .003 | 23 | .045 |
| 3 | .001 | .000 | .009 | BF | .014 | .012 | .004 | .003 | .023 | .039 | .042 | .044 | .046 | .047 | .048 | .048 | .049 | .049 | .046 | .044 | .043 | .042 | .040 | .039 | 23 | .049 |
| 4 | .038 | .037 | .036 | BF | .019 | .018 | .017 | .019 | .036 | .038 | .040 | .043 | .044 | .046 | .047 | .048 | .048 | .046 | .036 | .022 | .015 | .013 | .010 | .006 | 23 | .048 |
| 5 | .007 | .007 | .006 | BF | .001 | .000 | .016 | .025 | .031 | .035 | .040 | .043 | .048 | .047 | .049 | .049 | .048 | .047 | .037 | .020 | .015 | .008 | .000 | .005 | 23 | .049 |
| 6 | .003 | .008 | .004 | BF | .005 | .006 | .008 | .018 | .023 | .038 | .046 | .048 | .049 | .050 | .052 | .054 | .054 | .052 | .039 | .022 | .014 | .011 | .009 | .008 | 23 | .054 |
| 7 | .006 | .002 | .002 | BF | .001 | .001 | .002 | .008 | .037 | .050 | .051 | .052 | .052 | .052 | .051 | .050 | .048 | .046 | .044 | .044 | .044 | .044 | .041 | .042 | 23 | .052 |
| 8 | .041 | .042 | .042 | BF | .042 | .042 | .042 | .039 | .037 | .037 | .038 | .035 | .038 | .038 | .041 | .043 | .042 | .045 | .037 | .018 | .010 | .007 | .006 | .005 | 23 | .045 |
| 9 | .006 | .004 | .003 | BF | .002 | .000 | .001 | .003 | .022 | .039 | .046 | .049 | .051 | .053 | .054 | .054 | .054 | .052 | .044 | .029 | .028 | .021 | .013 | .007 | 23 | .054 |
| 10 | .009 | .008 | .008 | BF | .038 | .039 | .043 | .047 | .050 | .045 | .042 | .046 | .048 | .048 | .050 | .053 | .052 | .048 | .048 | .048 | .047 | .045 | .044 | .043 | 23 | .053 |
| 11 | .040 | .027 | .018 | BF | .012 | .012 | .006 | .013 | .039 | .042 | .043 | .045 | .047 | .048 | .049 | .049 | .049 | .046 | .044 | .039 | .034 | .030 | .035 | .038 | 23 | .049 |
| 12 | .034 | .026 | .038 | BF | .037 | .043 | .045 | .042 | .039 | .037 | .030 | .028 | .031 | .033 | .034 | .036 | .036 | .036 | .035 | .035 | .022 | .015 | .020 | .019 | 23 | .045 |
| 13 | .025 | .030 | .030 | BF | .029 | .029 | .030 | .033 | .034 | .036 | .039 | .041 | .041 | .039 | .041 | .039 | .038 | .036 | .037 | .036 | .035 | .034 | .033 | .031 | 23 | .041 |
| 14 | .031 | .031 | .030 | BF | .030 | .029 | .030 | .030 | .031 | .031 | .034 | .036 | .039 | .040 | .041 | .041 | .040 | .037 | .035 | .035 | .034 | .036 | .037 | .036 | 23 | .041 |
| 15 | .037 | .037 | .039 | BF | .038 | .040 | .040 | .039 | .040 | .040 | .042 | .043 | .045 | .046 | .047 | .047 | .046 | .046 | .045 | .038 | .032 | .032 | .032 | .035 | 23 | .047 |
| 16 | .035 | .034 | .035 | BF | .032 | .032 | .031 | .031 | .037 | .040 | .042 | .044 | .045 | .047 | .047 | .048 | .049 | .050 | .044 | .030 | .016 | .013 | .014 | .010 | 23 | .050 |
| 17 | .003 | .010 | .014 | BF | .012 | .004 | .002 | .007 | .033 | .043 | .047 | .050 | .052 | .053 | .055 | .057 | .058 | .057 | .052 | .039 | .032 | .038 | .033 | .045 | 23 | .058 |
| 18 | .054 | .053 | .054 | BF | .051 | .047 | .048 | .047 | .047 | .047 | .046 | .040 | .037 | .038 | .040 | .044 | .045 | .048 | .051 | .050 | .041 | .033 | .022 | .028 | 23 | .054 |
| 19 | .028 | .031 | .033 | BF | .030 | .028 | .026 | .026 | .028 | .032 | .033 | .034 | .035 | .035 | .036 | .036 | .038 | .038 | .036 | .024 | .013 | .010 | .006 | .005 | 23 | .038 |
| 20 | .006 | .003 | .001 | BF | .001 | .000 | .000 | .012 | .029 | .037 | .041 | .043 | .044 | .045 | .046 | .050 | .051 | .049 | .039 | .041 | .031 | .013 | .008 | .006 | 23 | .051 |
| 21 | .005 | .021 | .037 | BF | .038 | .037 | .036 | .035 | .039 | .042 | .044 | .049 | .052 | .054 | .056 | .056 | .058 | .058 | .054 | .054 | .053 | .055 | .050 | .048 | 23 | .058 |
| 22 | .047 | .045 | .041 | BF | .029 | .025 | .028 | .037 | .040 | .038 | .042 | .044 | .046 | .047 | .044 | .045 | .048 | .049 | .050 | .050 | .048 | .048 | .047 | .045 | 23 | .050 |
| 23 | .043 | .039 | .033 | BF | .028 | .029 | .030 | .037 | .042 | .045 | .046 | .048 | .050 | .051 | .052 | .052 | .052 | .052 | .051 | .049 | .044 | .035 | .027 | .018 | 23 | .052 |
| 24 | .024 | .028 | .036 | BF | .033 | .030 | .028 | .030 | .031 | .039 | .050 | .051 | .052 | .052 | .052 | .052 | .051 | .049 | .044 | .035 | .027 | .018 | .014 | .008 | 23 | .052 |
| 25 | .007 | .005 | .003 | BF | .003 | .003 | .004 | .015 | .028 | .041 | .044 | .045 | .046 | .047 | .046 | .046 | .045 | .044 | .038 | .036 | .034 | .027 | .010 | .007 | 23 | .047 |
| 26 | .003 | .005 | .008 | BF | .002 | .000 | .000 | .009 | .033 | .046 | .048 | .049 | .049 | .049 | .048 | .047 | .046 | .045 | .038 | .019 | .014 | .008 | .006 | .003 | 23 | .049 |
| 27 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .002 | .029 | .045 | .048 | .050 | .050 | .049 | .049 | .048 | .046 | .041 | .037 | .025 | .015 | .012 | .015 | 23 | .050 | |
| 28 | .021 | .036 | .033 | BF | .012 | .004 | .013 | .033 | .037 | .036 | .033 | .035 | .043 | .045 | .044 | .045 | .046 | .044 | .044 | .042 | .032 | .014 | .006 | .008 | 23 | .046 |
| 29 | .007 | .002 | .005 | BF | AN | AN | AN | AN | BA | BA | AN | AN | AN | AN | AN | .044 | .049 | .049 | .044 | .042 | .042 | .042 | .039 | .035 | 12 | .049 |
| 30 | .035 | .036 | .031 | BF | .019 | .020 | .020 | .029 | .036 | .044 | .049 | .049 | .051 | .051 | .052 | .051 | .051 | .050 | .047 | .044 | .045 | .046 | .047 | .047 | 23 | .052 |
| 31 | .046 | .047 | .047 | BF | .046 | .046 | .046 | .044 | .042 | .040 | .038 | .043 | .043 | .045 | .042 | .039 | .040 | .039 | .036 | .035 | .035 | .034 | .034 | .037 | 23 | .047 |
| NO.: | 31 | 31 | 31 | | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .054 | .053 | .054 | | .051 | .047 | .048 | .047 | .050 | .050 | .051 | .052 | .052 | .054 | .056 | .057 | .058 | .057 | .054 | .053 | .055 | .050 | .048 | .048 | | |
| AVG: | .0226 | .0231 | .0237 | | .0221 | .0212 | .0217 | .0260 | .0347 | .0396 | .0417 | .0432 | .0449 | .0459 | .0465 | .0469 | .0470 | .0457 | .0415 | .0350 | .0298 | .0261 | .0232 | .0231 | | |

MONTHLY OBSERVATIONS: 702 MONTHLY MEAN: .0337 MONTHLY MAX: .058

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-129-0002 POC: 1
 COUNTY: (129) New Hanover
 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .034 | .030 | .028 | BF | .027 | .027 | .026 | .025 | .028 | .030 | .034 | .038 | .041 | .043 | .044 | .045 | .047 | .046 | .035 | .031 | .029 | .014 | .007 | .007 | 23 | .047 |
| 2 | .015 | .030 | .028 | BF | .028 | .027 | .027 | .027 | .030 | .033 | .036 | .039 | .041 | .042 | .043 | .045 | .046 | .045 | .042 | .039 | .041 | .046 | .046 | .040 | 23 | .046 |
| 3 | .030 | .022 | .027 | BF | .021 | .016 | .026 | .039 | .046 | .047 | .046 | .043 | .044 | .047 | .048 | .047 | .047 | .046 | .044 | .044 | .042 | .045 | .045 | .045 | 23 | .048 |
| 4 | .042 | .043 | .042 | BF | .041 | .041 | .038 | .036 | .037 | .039 | .041 | .044 | .047 | .047 | .048 | .047 | .049 | .048 | .050 | .047 | .044 | .041 | .040 | .039 | 23 | .050 |
| 5 | .038 | .036 | .031 | BF | .004 | .008 | .005 | .014 | .028 | .043 | .052 | .059 | .054 | .052 | .052 | .046 | .039 | .029 | .026 | .035 | .030 | .029 | .034 | .038 | 23 | .059 |
| 6 | .040 | .041 | .041 | BF | .041 | .042 | .045 | .041 | .036 | .035 | .043 | .048 | .048 | .048 | .049 | .049 | .048 | .048 | .046 | .043 | .040 | .039 | .038 | .037 | 23 | .049 |
| 7 | .036 | .036 | .036 | BF | .037 | .035 | .034 | .036 | .037 | .039 | .042 | .041 | .043 | .045 | .047 | .047 | .049 | .048 | .044 | .044 | .044 | .039 | .041 | .040 | 23 | .049 |
| 8 | .032 | .025 | .028 | BF | .011 | .006 | .006 | .032 | .042 | .046 | .048 | .050 | .052 | .053 | .053 | .053 | .053 | .051 | .047 | .031 | .016 | .008 | .004 | .002 | 23 | .053 |
| 9 | .002 | .001 | .003 | BF | .002 | .002 | .002 | .024 | .045 | .051 | .056 | .059 | .061 | .060 | .060 | .060 | .060 | .059 | .051 | .034 | .028 | .016 | .016 | .007 | 23 | .061 |
| 10 | .007 | .003 | .002 | BF | .001 | .000 | .001 | .015 | .046 | .054 | .056 | .056 | .054 | .054 | .053 | .052 | .051 | .049 | .046 | .026 | .021 | .026 | .018 | .010 | 23 | .056 |
| 11 | .009 | .005 | .003 | BF | .001 | .000 | .001 | .013 | .036 | .046 | .050 | .049 | .049 | .048 | .047 | .047 | .046 | .044 | .041 | .038 | .025 | .013 | .007 | .006 | 23 | .050 |
| 12 | .005 | .001 | .000 | BF | .000 | .000 | .000 | .012 | .031 | .041 | .046 | .049 | .053 | .049 | .048 | .046 | .046 | .043 | .033 | .025 | .011 | .011 | .003 | .004 | 23 | .053 |
| 13 | .001 | .000 | .001 | BF | .000 | .000 | .001 | .015 | .031 | .036 | .040 | .045 | .051 | .048 | .050 | .049 | .048 | .043 | .046 | .049 | .051 | .047 | .043 | .040 | 23 | .051 |
| 14 | .037 | .029 | .025 | BF | .023 | .013 | .026 | .032 | .037 | .044 | .045 | .047 | .049 | .049 | .050 | .048 | .050 | .052 | .046 | .021 | .007 | .005 | .001 | .000 | 23 | .052 |
| 15 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .018 | .046 | .055 | .056 | .056 | .057 | .054 | .050 | .054 | .054 | .054 | .054 | .050 | .042 | .044 | .043 | .040 | 23 | .057 |
| 16 | .014 | .003 | .000 | BF | .000 | .000 | .007 | .037 | .046 | .050 | .054 | .056 | .057 | .056 | .054 | .054 | .053 | .052 | .051 | .050 | .051 | .051 | .049 | .047 | 23 | .057 |
| 17 | .046 | .046 | .038 | BF | .010 | .016 | .021 | .039 | .049 | .052 | .054 | .055 | .054 | .054 | .056 | .054 | .051 | .048 | .045 | .043 | .041 | .039 | .038 | .034 | 23 | .056 |
| 18 | .021 | .012 | .003 | BF | .002 | .001 | .006 | .015 | .019 | .025 | .030 | .032 | .036 | .036 | .042 | .043 | .044 | .043 | .038 | .041 | .041 | .041 | .040 | .038 | 23 | .044 |
| 19 | .033 | .030 | .030 | BF | .028 | .026 | .024 | .026 | .031 | .036 | .047 | .048 | .047 | .047 | .047 | .045 | .044 | .043 | .039 | .028 | .013 | .007 | .002 | .002 | 23 | .048 |
| 20 | .001 | .004 | .009 | BF | .004 | .000 | .003 | .011 | .023 | .034 | .039 | .040 | .042 | .042 | .046 | .045 | .043 | .042 | .036 | .029 | .031 | .034 | .034 | .035 | 23 | .046 |
| 21 | .035 | .032 | .027 | BF | .025 | .022 | .021 | .026 | .031 | .036 | .038 | .040 | .041 | .044 | .045 | .046 | .044 | .043 | .042 | .041 | .038 | .037 | .035 | .033 | 23 | .046 |
| 22 | .031 | .031 | .030 | BF | .028 | .027 | .027 | .029 | .031 | .034 | .037 | .039 | .039 | .040 | .042 | .043 | .042 | .041 | .041 | .042 | .041 | .038 | .036 | .037 | 23 | .043 |
| 23 | .031 | .019 | .016 | BF | .023 | .026 | .027 | .026 | .025 | .026 | .027 | .030 | .030 | .029 | .028 | .027 | .029 | .027 | .025 | .025 | .026 | .026 | .025 | .024 | 23 | .031 |
| 24 | .023 | .023 | .024 | BF | .022 | .020 | .021 | .039 | .041 | .044 | .044 | .042 | .040 | .039 | .039 | .039 | .040 | .038 | .037 | .033 | .031 | .028 | .030 | .035 | 23 | .044 |
| 25 | .040 | .033 | .030 | BF | .025 | .014 | .017 | .026 | .029 | .032 | .034 | .038 | .040 | .042 | .042 | .037 | .037 | .031 | .029 | .024 | .022 | .017 | .014 | .014 | 23 | .042 |
| 26 | .014 | .013 | .011 | BF | .017 | .016 | .019 | .025 | .027 | .029 | .030 | .034 | .039 | .041 | .043 | .044 | .050 | .049 | .047 | .044 | .045 | .049 | .052 | .052 | 23 | .052 |
| 27 | .050 | .043 | .029 | BF | .004 | .001 | .013 | .036 | .050 | .049 | .056 | .061 | .058 | .056 | .049 | .042 | .037 | .039 | .038 | .034 | .022 | .027 | .024 | .021 | 23 | .061 |
| 28 | .022 | .022 | .022 | BF | .022 | .020 | .018 | AY | BF | AY | 6 | .022 |
| 29 | AY | AY | AY | BF | .015 | .014 | .016 | .020 | .021 | .022 | .023 | .023 | .023 | .024 | .024 | .023 | .021 | .021 | .020 | .021 | .018 | .015 | .014 | .013 | 20 | .024 |
| 30 | .010 | .011 | .008 | BF | .000 | .003 | .013 | .017 | .021 | .022 | .025 | .025 | .026 | .026 | .025 | .027 | .027 | .028 | .024 | .022 | .020 | .019 | .016 | .016 | 23 | .028 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 29 | 29 | 29 | | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | |
| MAX: | .050 | .046 | .042 | | .041 | .042 | .045 | .041 | .050 | .055 | .056 | .061 | .061 | .060 | .060 | .060 | .060 | .059 | .054 | .050 | .051 | .051 | .052 | .052 | | |
| AVG: | .0241 | .0215 | .0197 | | .0154 | .0141 | .0164 | .0259 | .0345 | .0390 | .0424 | .0443 | .0454 | .0453 | .0457 | .0450 | .0447 | .0431 | .0401 | .0357 | .0314 | .0293 | .0274 | .0261 | | |

MONTHLY OBSERVATIONS: 670 MONTHLY MEAN: .0328 MONTHLY MAX: .061

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-129-0002 POC: 1
 COUNTY: (129) New Hanover
 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .017 | .019 | .022 | BF | .024 | .023 | .024 | .028 | .030 | .031 | .030 | .031 | .031 | .030 | .030 | .028 | .027 | .025 | .024 | .023 | .023 | .023 | .024 | .023 | 23 | .031 |
| 2 | .025 | .025 | .024 | BF | .028 | .026 | .026 | .034 | .038 | .039 | .043 | .047 | .051 | .052 | .052 | .054 | .055 | .053 | .049 | .029 | .013 | .012 | .009 | .006 | 23 | .055 |
| 3 | .003 | .001 | .000 | BF | .000 | .000 | .011 | .029 | .038 | .044 | .049 | .054 | .053 | .054 | .054 | .059 | .058 | .058 | .044 | .021 | .006 | .004 | .002 | .000 | 23 | .059 |
| 4 | .000 | .004 | .020 | BF | .026 | .026 | .027 | .041 | .056 | .059 | .058 | .059 | .057 | .055 | .055 | .052 | .049 | .048 | .047 | .039 | .034 | .025 | .020 | .020 | 23 | .059 |
| 5 | .022 | .022 | .026 | BF | .023 | .032 | .040 | .041 | .039 | .039 | .037 | .040 | .046 | .049 | .047 | .046 | .045 | .044 | .042 | .039 | .039 | .037 | .033 | .034 | 23 | .049 |
| 6 | .035 | .033 | .029 | BF | .020 | .026 | .028 | .028 | .028 | .027 | .025 | .026 | .027 | .034 | .040 | .045 | .050 | .047 | .040 | .022 | .008 | .010 | .037 | .058 | 23 | .058 |
| 7 | .054 | .055 | .049 | BF | .042 | .036 | .032 | .030 | .033 | .036 | .038 | .041 | .043 | .045 | .046 | .046 | .046 | .046 | .041 | .018 | .009 | .008 | .005 | .004 | 23 | .055 |
| 8 | .003 | .013 | .004 | BF | .001 | .003 | .004 | .025 | .040 | .048 | .051 | .052 | .054 | .057 | .058 | .060 | .060 | .063 | .053 | .023 | .005 | .005 | .003 | .001 | 23 | .063 |
| 9 | .001 | .001 | .000 | BF | .006 | .003 | .007 | .014 | .025 | .034 | .044 | .043 | .039 | .043 | .044 | .049 | .049 | .047 | .037 | .022 | .022 | .014 | .030 | .044 | 23 | .049 |
| 10 | .047 | .050 | .044 | BF | .037 | .025 | .023 | .033 | .045 | .053 | .055 | .054 | .055 | .055 | .055 | .057 | .058 | .055 | .050 | .038 | .034 | .023 | .020 | .009 | 23 | .058 |
| 11 | .012 | .040 | .047 | BF | .044 | .037 | .040 | .039 | .043 | .046 | .048 | .053 | .054 | .055 | .057 | .059 | .063 | .058 | .056 | .051 | .042 | .031 | .019 | .018 | 23 | .063 |
| 12 | .045 | .044 | .046 | BF | .040 | .038 | .035 | .035 | .037 | .037 | .034 | .036 | .038 | .040 | .039 | .035 | .032 | .029 | .027 | .024 | .022 | .021 | .020 | .019 | 23 | .046 |
| 13 | .017 | .016 | .014 | BF | .011 | .010 | .010 | .011 | .012 | .017 | .018 | .018 | .023 | .026 | .033 | .033 | .027 | .022 | .019 | .016 | .016 | .016 | .021 | .021 | 23 | .033 |
| 14 | .019 | .009 | .004 | BF | .001 | .000 | .007 | .022 | .031 | .035 | .037 | .042 | .044 | .045 | .048 | .050 | .050 | .050 | .042 | .040 | .039 | .039 | .038 | .039 | 23 | .050 |
| 15 | .037 | .035 | .033 | BF | .027 | .024 | .024 | .031 | .038 | .049 | .057 | .060 | .061 | .062 | .062 | .062 | .062 | .061 | .053 | .031 | .019 | .011 | .010 | .002 | 23 | .062 |
| 16 | .000 | .000 | .000 | BF | .000 | .000 | .004 | .022 | .027 | .030 | .038 | .050 | .050 | .052 | .055 | .056 | .066 | .072 | .055 | .025 | .014 | .004 | .004 | .011 | 23 | .072 |
| 17 | .038 | .038 | .035 | BF | .022 | .010 | .019 | .037 | .045 | .048 | .052 | .056 | .059 | .059 | .059 | .060 | .060 | .057 | .052 | .044 | .037 | .032 | .031 | .030 | 23 | .060 |
| 18 | .023 | .022 | .007 | BF | .000 | .000 | .008 | .031 | .042 | .047 | .052 | .052 | .052 | .051 | .049 | .048 | .045 | .042 | .040 | .034 | .033 | .020 | .023 | .017 | 23 | .052 |
| 19 | .004 | .005 | .003 | BF | .000 | .000 | .006 | .027 | .038 | .038 | .040 | .041 | .046 | .044 | .041 | .040 | .041 | .038 | .034 | .026 | .024 | .010 | .006 | .003 | 23 | .046 |
| 20 | .000 | .013 | .018 | BF | .017 | .016 | .015 | .019 | .024 | .031 | .036 | .037 | .043 | .045 | .043 | .037 | .034 | .031 | .025 | .015 | .018 | .012 | .004 | .009 | 23 | .045 |
| 21 | .017 | .031 | .030 | BF | .027 | .026 | .025 | .024 | .025 | .021 | .026 | .029 | .031 | .031 | .031 | .031 | .031 | .032 | .034 | .030 | .032 | .031 | .033 | .029 | 23 | .034 |
| 22 | .034 | .022 | .005 | BF | .001 | .005 | .010 | .022 | .027 | .028 | .031 | .032 | .034 | .032 | .033 | .031 | .035 | .034 | .034 | .032 | .031 | .033 | .029 | .025 | 23 | .035 |
| 23 | .022 | .020 | .019 | BF | .026 | .034 | .033 | .031 | .030 | .029 | .025 | .027 | .028 | .029 | .028 | .023 | .031 | .027 | .024 | .023 | .023 | .026 | .021 | .019 | 23 | .034 |
| 24 | .021 | .023 | .021 | BF | .018 | .017 | .014 | .016 | .019 | .022 | .029 | .033 | .028 | .031 | .030 | .029 | .025 | .030 | .033 | .034 | .030 | .029 | .029 | .027 | 23 | .034 |
| 25 | .028 | .030 | .032 | BF | .033 | .031 | .032 | .035 | .036 | .040 | .042 | .044 | .044 | .043 | .043 | .045 | .046 | .043 | .042 | .037 | .036 | .041 | .040 | .040 | 23 | .046 |
| 26 | .040 | .039 | .037 | BF | .032 | .028 | .026 | BA | .038 | .041 | .046 | .050 | .052 | .054 | .056 | .057 | .056 | .056 | .054 | .043 | .034 | .023 | .004 | .000 | 22 | .057 |
| 27 | .000 | .000 | .000 | BF | .000 | .001 | .013 | .028 | .042 | .049 | .053 | .054 | .054 | .056 | .055 | .055 | .055 | .056 | .053 | .053 | .053 | .048 | .040 | .032 | 23 | .056 |
| 28 | .013 | .004 | .000 | BF | .015 | .019 | .022 | .030 | .034 | .040 | .037 | .039 | .042 | .041 | .041 | .041 | .041 | .040 | .036 | .034 | .034 | .034 | .031 | .027 | 23 | .042 |
| 29 | .023 | .023 | .023 | BF | .017 | .014 | .017 | .023 | .032 | .039 | .042 | .046 | .048 | .051 | .049 | .049 | .049 | .046 | .040 | .034 | .038 | .040 | .039 | .040 | 23 | .051 |
| 30 | .034 | .024 | .021 | BF | .026 | .026 | .024 | .029 | .035 | .038 | .037 | .037 | .037 | .040 | .043 | .043 | .041 | .036 | .018 | .019 | .017 | .022 | .029 | .030 | 23 | .043 |
| 31 | .031 | .028 | .027 | BF | .010 | .014 | .017 | .025 | .028 | .030 | .036 | .036 | .035 | .039 | .045 | .040 | .039 | .038 | .032 | .027 | .032 | .032 | .031 | .032 | 23 | .045 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .054 | .055 | .049 | | .044 | .038 | .040 | .041 | .056 | .059 | .058 | .060 | .061 | .062 | .062 | .066 | .066 | .072 | .056 | .053 | .053 | .048 | .040 | .058 | | |
| AVG: | .0215 | .0222 | .0206 | | .0185 | .0177 | .0201 | .0280 | .0340 | .0376 | .0401 | .0425 | .0438 | .0451 | .0459 | .0459 | .0460 | .0447 | .0398 | .0305 | .0264 | .0231 | .0221 | .0216 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0321 MONTHLY MAX: .072

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-129-0002 POC: 1
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 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .031 | .030 | .030 | BF | .016 | .015 | .016 | .024 | AZ | .029 | .033 | .035 | .040 | .036 | .039 | .040 | .042 | .044 | .026 | .020 | .023 | .023 | .010 | .004 | 22 | .044 | |
| 2 | .017 | .019 | .006 | BF | .012 | .006 | .011 | .016 | .026 | .039 | .053 | .058 | .060 | .058 | .058 | .052 | .051 | .046 | .042 | .028 | .019 | .003 | .001 | .001 | 23 | .060 | |
| 3 | .001 | .000 | .000 | BF | .000 | .000 | .004 | .023 | .043 | .057 | .061 | .061 | .061 | .064 | .063 | .062 | .058 | .055 | .040 | .034 | .023 | .005 | .001 | .000 | 23 | .064 | |
| 4 | .000 | .000 | .000 | BF | .000 | .000 | .005 | .022 | .035 | .046 | .046 | .050 | .042 | .039 | .039 | .034 | .032 | .030 | .027 | .022 | .020 | .018 | .017 | .016 | 23 | .050 | |
| 5 | .009 | .001 | .001 | BF | .001 | .005 | .010 | .017 | .019 | .020 | .017 | .019 | .022 | .023 | .023 | .019 | .018 | .025 | .030 | .030 | .026 | .024 | .018 | .015 | 23 | .030 | |
| 6 | .013 | .014 | .014 | BF | .011 | .009 | .008 | .008 | .012 | .023 | .033 | .039 | .041 | .046 | .051 | .041 | .035 | .030 | .023 | .016 | .007 | .005 | .003 | .006 | 23 | .051 | |
| 7 | .004 | .004 | .005 | BF | .012 | .028 | .041 | .040 | .041 | .037 | .030 | .025 | .029 | .037 | .032 | .032 | .033 | .033 | .033 | .031 | .030 | .029 | .030 | .029 | 23 | .041 | |
| 8 | .029 | .029 | .029 | BF | .031 | .030 | .030 | .029 | .029 | .028 | .027 | .026 | .027 | .029 | .027 | .029 | .029 | .025 | .022 | .024 | .017 | .010 | .002 | .002 | 23 | .031 | |
| 9 | .000 | .000 | .000 | BF | .000 | .001 | .008 | .022 | .029 | .034 | .038 | .042 | .044 | .046 | .049 | .048 | .047 | .049 | .048 | .042 | .028 | .021 | .011 | .006 | 23 | .049 | |
| 10 | .000 | .000 | .000 | BF | .000 | .000 | .007 | .026 | .040 | .048 | .049 | .054 | .053 | .049 | .048 | .050 | .050 | .046 | .044 | .036 | .032 | .011 | .009 | .003 | 23 | .054 | |
| 11 | .000 | .000 | .000 | BF | .000 | .000 | .005 | .025 | .036 | .040 | .044 | .049 | .045 | .044 | .048 | .049 | .050 | .047 | .040 | .029 | .020 | .005 | .004 | .000 | 23 | .050 | |
| 12 | .000 | .000 | .000 | BF | .000 | .000 | .004 | .019 | .038 | .042 | .049 | .048 | .048 | .055 | .057 | .055 | .050 | .043 | .035 | .033 | .016 | .012 | .001 | .000 | 23 | .057 | |
| 13 | .002 | .000 | .000 | BF | .000 | .000 | .002 | .019 | .031 | .042 | .051 | .052 | .046 | .045 | .041 | .045 | .047 | .039 | .032 | .021 | .012 | .008 | .016 | .016 | 23 | .052 | |
| 14 | .017 | .015 | .014 | BF | .001 | .003 | .009 | .013 | .019 | .029 | .042 | .049 | .047 | .046 | .048 | .047 | .045 | .044 | .039 | .031 | .019 | .016 | .021 | .021 | 23 | .049 | |
| 15 | .017 | .022 | .015 | BF | .010 | .009 | .010 | .014 | .020 | .027 | .033 | .038 | .042 | .043 | .042 | .033 | .023 | .023 | .018 | .011 | .014 | .015 | .005 | .008 | 23 | .043 | |
| 16 | .005 | .014 | .016 | BF | .001 | .003 | .006 | .019 | .030 | .035 | .030 | .031 | .030 | .028 | .030 | .032 | .034 | .033 | .033 | .032 | .029 | .025 | .013 | .006 | 23 | .035 | |
| 17 | .002 | .005 | .001 | BF | .025 | .020 | .016 | .020 | .026 | .027 | .026 | .028 | .028 | .031 | .031 | .031 | .031 | .029 | .028 | .028 | .027 | .028 | .028 | .024 | 23 | .031 | |
| 18 | .024 | .015 | .016 | BF | .001 | .000 | .014 | .022 | .025 | .027 | .028 | .029 | .027 | .027 | .025 | .023 | .021 | .018 | .015 | .013 | .013 | .012 | .011 | .011 | 23 | .029 | |
| 19 | .013 | .013 | .012 | BF | .002 | .003 | .011 | .017 | .021 | .022 | .022 | .022 | .024 | .023 | .022 | .020 | .017 | .016 | .016 | .014 | .014 | .013 | .012 | .011 | 23 | .024 | |
| 20 | .011 | .011 | .010 | BF | .009 | .008 | .009 | .014 | .016 | .021 | .020 | .019 | .021 | .022 | .019 | .018 | .019 | .017 | .016 | .011 | .006 | .005 | .003 | .002 | 23 | .022 | |
| 21 | .001 | .001 | .007 | BF | .009 | .009 | .011 | .012 | .018 | .021 | .021 | .020 | .022 | .022 | .026 | .032 | .030 | .024 | .020 | .016 | .012 | .007 | .006 | .005 | 23 | .032 | |
| 22 | .008 | .005 | .000 | BF | .003 | .000 | .003 | BA | .005 | .007 | .009 | .020 | .017 | .018 | .020 | .014 | .015 | .013 | .006 | .003 | .003 | .004 | .004 | .005 | 22 | .020 | |
| 23 | .006 | .009 | .009 | BF | .007 | .006 | .007 | .008 | .012 | .014 | .018 | .020 | .021 | .022 | .023 | .022 | .022 | .022 | .019 | .018 | .019 | .019 | .018 | .019 | 23 | .023 | |
| 24 | .018 | .017 | .018 | BF | .017 | .016 | .016 | .017 | .020 | .020 | .020 | .021 | .021 | .023 | .026 | .028 | .030 | .032 | .033 | .030 | .021 | .018 | .019 | .014 | 23 | .033 | |
| 25 | .014 | .008 | .004 | BF | .005 | .007 | .008 | .011 | .013 | .016 | .026 | .029 | .025 | .021 | .029 | .028 | .020 | .016 | .020 | .029 | .023 | .022 | .021 | .017 | 23 | .029 | |
| 26 | .014 | .010 | .008 | BF | .008 | .005 | .011 | .016 | .022 | .028 | .038 | .038 | .040 | .041 | .043 | .044 | .044 | .044 | .038 | .019 | .006 | .001 | .000 | .000 | 23 | .044 | |
| 27 | .000 | .000 | .000 | BF | .000 | .000 | .004 | .021 | .032 | .044 | .044 | .048 | .053 | .056 | .056 | .053 | .051 | .046 | .029 | .010 | .005 | .006 | .001 | .009 | 23 | .056 | |
| 28 | .023 | .021 | .018 | BF | .020 | .013 | .020 | .033 | .039 | .045 | .046 | .047 | .048 | .048 | .051 | .053 | .053 | .052 | .051 | .033 | .017 | .008 | .005 | .001 | 23 | .053 | |
| 29 | .000 | .000 | .000 | BF | .000 | .000 | .005 | AI | .045 | .052 | .052 | .052 | .052 | .050 | .048 | .047 | .046 | .047 | .043 | .032 | .017 | .006 | .010 | .002 | 22 | .052 | |
| 30 | .002 | .000 | .000 | BF | .000 | .000 | .002 | .016 | .024 | .027 | .021 | .021 | .019 | .019 | .021 | .019 | .020 | .019 | .018 | .015 | .009 | .002 | .002 | .008 | 23 | .027 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .031 | .030 | .030 | | .031 | .030 | .041 | .040 | .045 | .057 | .061 | .061 | .061 | .064 | .063 | .062 | .058 | .055 | .051 | .042 | .032 | .029 | .030 | .029 | | | |
| AVG: | .0094 | .0088 | .0078 | | .0067 | .0065 | .0104 | .0194 | .0264 | .0316 | .0342 | .0363 | .0365 | .0370 | .0378 | .0366 | .0354 | .0337 | .0296 | .0236 | .0178 | .0129 | .0103 | .0087 | | | |

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .0225 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-129-0002 POC: 1
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 AQCR: (170) SOUTHERN COASTAL PLAIN
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 LOCATION SETTING: RURAL

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 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
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 PROBE HEIGHT: 3.73

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 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .009 | .008 | .004 | BF | .013 | .012 | .013 | .018 | .020 | .022 | .022 | .024 | .024 | .024 | .025 | .025 | .026 | .027 | .027 | .030 | .032 | .031 | .028 | .027 | 23 | .032 |
| 2 | .023 | .023 | .022 | BF | .024 | .013 | .019 | .021 | .022 | .026 | .028 | .030 | .033 | .032 | .032 | .031 | .030 | .030 | .029 | .031 | .027 | .025 | .023 | .023 | 23 | .033 |
| 3 | .024 | .023 | .020 | BF | .017 | .019 | .009 | .020 | .027 | .031 | .034 | .041 | .036 | .034 | .029 | .024 | .023 | .020 | .022 | .015 | .011 | .003 | .002 | .004 | 23 | .041 |
| 4 | .004 | .002 | .001 | BF | .002 | .000 | .007 | .019 | .027 | .030 | .029 | .032 | .027 | .029 | .036 | .037 | .029 | .031 | .027 | .018 | .015 | .008 | .007 | .018 | 23 | .037 |
| 5 | .007 | .003 | .009 | BF | .007 | .009 | .011 | .017 | .025 | .029 | .028 | .031 | .036 | .037 | .039 | .039 | .041 | .038 | .034 | .027 | .026 | .022 | .015 | .017 | 23 | .041 |
| 6 | .010 | .012 | .012 | BF | .005 | .007 | .011 | .018 | .028 | .029 | .034 | .037 | .036 | .033 | .035 | .042 | .045 | .041 | .039 | .037 | .040 | .037 | .034 | .033 | 23 | .045 |
| 7 | .031 | .031 | .029 | BF | .027 | .025 | .025 | .027 | .028 | .029 | .030 | .031 | .030 | .031 | .032 | .032 | .034 | .037 | .036 | .035 | .033 | .027 | .025 | .026 | 23 | .037 |
| 8 | .028 | .023 | .027 | BF | .022 | .024 | .028 | .031 | .034 | .036 | .038 | .035 | .037 | .035 | .036 | .034 | .035 | .037 | .037 | .034 | .034 | .032 | .036 | .037 | 23 | .038 |
| 9 | .030 | .019 | .012 | BF | .010 | .010 | .015 | .028 | .037 | .039 | .040 | .041 | .039 | .047 | .047 | .043 | .044 | .035 | .028 | .013 | .013 | .016 | .013 | .012 | 23 | .047 |
| 10 | .012 | .019 | .016 | BF | .011 | .008 | .008 | .014 | .022 | .029 | .036 | .036 | .030 | .028 | .027 | .034 | .029 | .026 | .025 | .021 | .020 | .023 | .018 | .011 | 23 | .036 |
| 11 | .004 | .003 | .000 | BF | .008 | .003 | .007 | .013 | .022 | .025 | .028 | .028 | .034 | .032 | .029 | .025 | .031 | .022 | .022 | .022 | .015 | .015 | .014 | .014 | 23 | .034 |
| 12 | .011 | .002 | .000 | BF | .000 | .001 | .010 | .021 | .029 | .031 | .033 | .038 | .040 | .041 | .039 | .029 | .022 | .020 | .016 | .011 | .011 | .010 | .008 | .006 | 23 | .041 |
| 13 | .004 | .000 | .000 | BF | .000 | .000 | .001 | .008 | .014 | .015 | .017 | .020 | .026 | .025 | .023 | .021 | .020 | .019 | .016 | .010 | .009 | .010 | .008 | .008 | 23 | .026 |
| 14 | .006 | .003 | .002 | BF | .004 | .004 | .006 | .011 | .014 | .016 | .018 | .021 | .026 | .029 | .029 | .029 | .026 | .020 | .015 | .015 | .015 | .013 | .012 | .013 | 23 | .029 |
| 15 | .013 | .013 | .013 | BF | .012 | .011 | .012 | .014 | .017 | .019 | .024 | .029 | .036 | .037 | .036 | .033 | .032 | .034 | .031 | .037 | .041 | .031 | .035 | .029 | 23 | .041 |
| 16 | .027 | .020 | .014 | BF | .015 | .011 | .010 | .014 | .020 | .024 | .031 | .034 | .035 | .034 | .029 | .030 | .027 | .020 | .018 | .025 | .026 | .018 | .011 | .009 | 23 | .035 |
| 17 | .012 | .027 | .024 | BF | .014 | .012 | .015 | .015 | .024 | .028 | .027 | .029 | .029 | .032 | .030 | .025 | .028 | .023 | .016 | .011 | .013 | .019 | .014 | .011 | 23 | .032 |
| 18 | .016 | .007 | .009 | BF | .007 | .006 | .031 | .038 | .034 | .028 | .024 | .028 | .031 | .034 | .034 | .034 | .036 | .034 | .031 | .017 | .004 | .002 | .002 | .005 | 23 | .038 |
| 19 | .003 | .001 | .000 | BF | .000 | .001 | .007 | .020 | .023 | .040 | .043 | .037 | .038 | .038 | .034 | .044 | .040 | .037 | .021 | .016 | .004 | .002 | .000 | .000 | 23 | .044 |
| 20 | .000 | .000 | .000 | BF | .004 | .005 | .009 | BA | BA | .036 | .042 | .050 | .051 | .060 | .055 | .053 | .052 | .048 | .037 | .026 | .025 | .029 | .027 | .022 | 21 | .060 |
| 21 | .016 | .014 | .017 | BF | .015 | .017 | .020 | .027 | .033 | .042 | .046 | .050 | .050 | .051 | .048 | .047 | .047 | .043 | .039 | .033 | .029 | .028 | .029 | .029 | 23 | .051 |
| 22 | .026 | .022 | .020 | BF | .016 | .016 | .018 | .023 | .029 | .036 | .039 | .039 | .041 | .043 | .044 | .042 | .041 | .040 | .042 | .039 | .037 | .041 | .042 | .041 | 23 | .044 |
| 23 | .039 | .035 | .030 | BF | .027 | .023 | .025 | .028 | .032 | .034 | .036 | .039 | .040 | .039 | .039 | .036 | .036 | .031 | .028 | .026 | .021 | .018 | .020 | .023 | 23 | .040 |
| 24 | .029 | .029 | .026 | BF | .022 | .018 | .018 | .018 | .021 | .029 | .033 | .033 | .035 | .036 | .032 | .033 | .034 | .030 | .034 | .037 | .030 | .027 | .032 | .032 | 23 | .037 |
| 25 | .030 | .026 | .019 | BF | .007 | .011 | .020 | .027 | .031 | .034 | .038 | .043 | .049 | .051 | .049 | .044 | .041 | .040 | .024 | .010 | .012 | .014 | .015 | .015 | 23 | .051 |
| 26 | .028 | .039 | .040 | BF | .041 | .030 | .027 | .028 | .030 | .033 | .036 | .037 | .041 | .043 | .048 | .043 | .039 | .037 | .037 | .031 | .029 | .014 | .004 | .001 | 23 | .048 |
| 27 | .003 | .005 | .006 | BF | .000 | .000 | .003 | .015 | .039 | .044 | .044 | .045 | .047 | .046 | .047 | .043 | .041 | .035 | .033 | .029 | .013 | .006 | .003 | .004 | 23 | .047 |
| 28 | .006 | .009 | .007 | BF | .000 | .000 | .003 | .008 | .016 | .023 | .027 | .030 | .031 | .035 | .035 | .034 | .034 | .028 | .025 | .024 | .025 | .032 | .034 | .036 | 23 | .036 |
| 29 | .026 | .022 | .021 | BF | .022 | .026 | .019 | .017 | .017 | .015 | .015 | .016 | .018 | .024 | .031 | .039 | .041 | .040 | .039 | .036 | .034 | .030 | .032 | .033 | 23 | .041 |
| 30 | .029 | .027 | .024 | BF | .023 | .019 | .019 | .022 | .028 | .031 | .034 | .037 | .038 | .038 | .040 | .041 | .042 | .041 | .037 | .029 | .030 | .026 | .023 | .019 | 23 | .042 |
| 31 | .017 | .016 | .016 | BF | .013 | .012 | .019 | .024 | .026 | .029 | .032 | .035 | .036 | .037 | .040 | .041 | .038 | .034 | .030 | .020 | .011 | .016 | .016 | .011 | 23 | .041 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .039 | .039 | .040 | | .041 | .030 | .031 | .038 | .039 | .044 | .046 | .050 | .051 | .060 | .055 | .053 | .052 | .048 | .042 | .039 | .041 | .041 | .042 | .041 | | |
| AVG: | .0169 | .0156 | .0142 | | .0125 | .0114 | .0144 | .0201 | .0256 | .0294 | .0318 | .0341 | .0355 | .0366 | .0364 | .0357 | .0350 | .0322 | .0289 | .0247 | .0221 | .0202 | .0188 | .0184 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0248 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-129-0002 POC: 1
 COUNTY: (129) New Hanover
 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .003 | .002 | .007 | BF | .011 | .007 | .013 | .018 | .023 | .029 | .033 | .036 | .036 | .038 | .038 | .038 | .039 | .037 | .030 | .009 | .003 | .002 | .000 | .000 | 23 | .039 | |
| 2 | .000 | .000 | .000 | BF | .000 | .003 | .010 | .017 | .028 | .034 | .039 | .041 | .044 | .045 | .046 | .045 | .045 | .041 | .027 | .014 | .012 | .005 | .000 | .000 | 23 | .046 | |
| 3 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .000 | .005 | .018 | .029 | .040 | .041 | .041 | .040 | .044 | .046 | .047 | .038 | .023 | .016 | .015 | .013 | .011 | 23 | .047 | |
| 4 | .009 | .008 | .002 | BF | .005 | .002 | .003 | .015 | .019 | .025 | .026 | .029 | .031 | .032 | .028 | .034 | .032 | .029 | .028 | .027 | .025 | .023 | .026 | .027 | 23 | .034 | |
| 5 | .024 | .022 | .021 | BF | .015 | .010 | .008 | .010 | .013 | .013 | .013 | .017 | .022 | .027 | .029 | .026 | .028 | .022 | .018 | .016 | .015 | .013 | .008 | .011 | 23 | .029 | |
| 6 | .006 | .005 | .002 | BF | .001 | .011 | .012 | .011 | .020 | .034 | .039 | .040 | .040 | .038 | .028 | .032 | .034 | .033 | .025 | .012 | .009 | .001 | .003 | .004 | 23 | .040 | |
| 7 | .012 | .015 | .013 | BF | .014 | .013 | .012 | .013 | .017 | .019 | .019 | .019 | .021 | .016 | .017 | .015 | .018 | .015 | .013 | .012 | .012 | .012 | .013 | .011 | 23 | .021 | |
| 8 | .011 | .011 | .011 | BF | .014 | .013 | .013 | .019 | .020 | .019 | .016 | .018 | .019 | .018 | .020 | .018 | .014 | .016 | .016 | .016 | .015 | .015 | .015 | .017 | 23 | .020 | |
| 9 | .018 | .019 | .018 | BF | .029 | .029 | .029 | .030 | .030 | .030 | .033 | .030 | .030 | .030 | .027 | .023 | .022 | .025 | .024 | .023 | .026 | .021 | .017 | .013 | 23 | .033 | |
| 10 | .014 | .015 | .017 | BF | .017 | .015 | .015 | .018 | .026 | .028 | .031 | .031 | .032 | .032 | .030 | .024 | .025 | .024 | .021 | .015 | .006 | .006 | .001 | .002 | 23 | .032 | |
| 11 | .000 | .000 | .000 | BF | .000 | .000 | .001 | .014 | .021 | .024 | .022 | .022 | .023 | .023 | .023 | .022 | .022 | .020 | .016 | .011 | .010 | .015 | .009 | .002 | 23 | .024 | |
| 12 | .000 | .000 | .000 | BF | .003 | .015 | .016 | .014 | .015 | .020 | .022 | .022 | .021 | .026 | .029 | .028 | .029 | .025 | .014 | .017 | .018 | .015 | .017 | .019 | 23 | .029 | |
| 13 | .018 | .020 | .017 | BF | .000 | .000 | .006 | .013 | .021 | .023 | .025 | .027 | .024 | .027 | .028 | .021 | .018 | .014 | .013 | .012 | .009 | .004 | .003 | .000 | 23 | .028 | |
| 14 | .001 | .001 | .000 | BF | .000 | .000 | .000 | .008 | .022 | .028 | .032 | .025 | .026 | .023 | .020 | .023 | .021 | .019 | .019 | .014 | .003 | .000 | .000 | .000 | 23 | .032 | |
| 15 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .012 | .025 | .027 | .034 | .035 | .034 | .034 | .031 | .030 | .037 | .036 | .024 | .029 | .023 | .013 | .003 | .004 | 23 | .037 | |
| 16 | .011 | .004 | .003 | BF | .003 | .002 | .004 | .013 | .024 | .026 | .029 | .033 | .035 | .034 | .032 | .032 | .031 | .027 | .020 | .011 | .011 | .007 | .003 | .001 | 23 | .035 | |
| 17 | .000 | .000 | .000 | BF | .000 | .000 | .002 | .020 | .036 | .038 | .037 | .038 | .032 | .033 | .022 | .023 | .023 | .020 | .015 | .005 | .002 | .002 | .000 | .001 | 23 | .038 | |
| 18 | .002 | .001 | .004 | BF | .013 | .008 | .011 | .019 | AN | .028 | .031 | .033 | .036 | .035 | .041 | .033 | .032 | .040 | .037 | .030 | .032 | .030 | .026 | .021 | 22 | .041 | |
| 19 | .025 | .025 | .026 | BF | .022 | .018 | .017 | .021 | .025 | .027 | .032 | .039 | AV | 11 | .039 | |
| 20 | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | 0 | |
| 21 | AV | AV | AV | AV | AV | AV | AV | AV | AV | AN | AN | 0 | |
| 22 | AN | AN | AN | AN | AN | AN | AN | BF | BF | BF | BF | BF | .006 | .005 | .005 | .005 | .006 | .005 | .005 | .003 | .002 | .000 | .000 | .000 | 12 | .006 | |
| 23 | .000 | .000 | .000 | BF | .009 | .009 | .009 | .009 | .016 | .024 | .033 | .040 | .044 | .048 | .042 | .041 | .042 | .039 | .032 | .027 | .042 | .040 | .032 | .036 | 23 | .048 | |
| 24 | .030 | .030 | .032 | BF | .027 | .025 | .020 | .018 | .019 | .020 | .022 | .026 | .034 | .032 | .039 | .042 | .039 | .039 | .034 | .026 | .027 | .039 | .034 | .034 | 23 | .042 | |
| 25 | .030 | .035 | .034 | BF | .030 | .032 | .026 | .034 | .040 | .043 | .046 | .047 | .045 | .040 | .042 | .042 | .042 | .039 | .037 | .032 | .024 | .019 | .020 | .018 | 23 | .047 | |
| 26 | .017 | .017 | .014 | BF | .018 | .019 | .022 | .028 | .032 | .036 | .041 | .042 | .043 | .045 | .044 | .045 | .048 | .050 | .046 | .036 | .036 | .035 | .032 | .029 | 23 | .050 | |
| 27 | .024 | .023 | .024 | BF | .026 | .025 | .026 | .031 | .036 | .041 | .043 | .045 | .045 | .046 | .046 | .046 | .043 | .039 | .036 | .037 | .035 | .034 | .034 | .034 | 23 | .046 | |
| 28 | .031 | .028 | .026 | BF | .025 | .025 | .028 | .029 | .030 | .032 | .033 | .034 | .032 | .030 | .032 | .029 | .026 | .024 | .019 | .015 | .015 | .013 | .010 | .009 | 23 | .034 | |
| 29 | .008 | .016 | .013 | BF | .014 | .014 | .015 | .014 | .014 | .012 | .013 | .015 | .018 | .018 | .021 | .026 | .028 | .033 | .033 | .020 | .017 | .014 | .013 | .012 | 23 | .033 | |
| 30 | .010 | .007 | .008 | BF | .006 | .010 | .011 | .019 | .022 | .022 | .025 | .030 | .033 | .035 | .036 | .036 | .039 | .036 | .027 | .018 | .012 | .010 | .008 | .011 | 23 | .039 | |
| 31 | .009 | .006 | .002 | BF | .001 | .001 | .004 | .011 | .022 | .028 | .033 | .034 | .033 | .034 | .031 | .034 | .032 | .024 | .018 | .016 | .017 | .017 | .017 | .014 | 23 | .034 | |
| NO.: | 28 | 28 | 28 | | 28 | 28 | 28 | 28 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | | | |
| MAX: | .031 | .035 | .034 | | .030 | .032 | .029 | .034 | .040 | .043 | .046 | .047 | .045 | .048 | .046 | .046 | .048 | .050 | .046 | .036 | .042 | .040 | .039 | .036 | | | |
| AVG: | .0112 | .0111 | .0105 | | .0108 | .0109 | .0119 | .0171 | .0230 | .0267 | .0297 | .0317 | .0314 | .0316 | .0310 | .0306 | .0308 | .0292 | .0248 | .0190 | .0170 | .0146 | .0129 | .0122 | | | |

MONTHLY OBSERVATIONS: 643 MONTHLY MEAN: .0208 MONTHLY MAX: .050

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-129-0002 POC: 1
 COUNTY: (129) New Hanover
 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .008 | .007 | .011 | BF | .012 | .009 | .009 | .010 | .013 | .020 | .026 | .031 | .027 | .027 | .028 | .026 | .028 | .025 | .024 | .021 | .017 | .019 | .018 | .015 | 23 | .031 |
| 2 | .014 | .012 | .010 | BF | .014 | .012 | .015 | .025 | .023 | .023 | .023 | .028 | .037 | .036 | .033 | .033 | .033 | .028 | .019 | .017 | .008 | .005 | .003 | .003 | 23 | .037 |
| 3 | .011 | .013 | .016 | BF | .006 | .003 | .004 | .015 | .023 | .031 | .033 | .035 | .034 | .033 | .034 | .034 | .028 | .013 | .005 | .003 | .000 | .000 | .000 | .000 | 23 | .035 |
| 4 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .005 | .024 | .040 | .045 | .046 | .048 | .049 | .048 | .047 | .045 | .043 | .040 | .032 | .021 | .018 | .015 | .011 | 23 | .049 |
| 5 | .004 | .001 | .000 | BF | .000 | .000 | .004 | .015 | .031 | .036 | .036 | .036 | .035 | .034 | .031 | .030 | .028 | .030 | .027 | .025 | .019 | .019 | .019 | .025 | 23 | .036 |
| 6 | .027 | .026 | .030 | BF | .028 | .026 | .030 | .031 | .031 | .032 | .031 | .028 | .032 | .030 | .025 | .023 | .022 | .021 | .020 | .027 | .031 | .032 | .029 | .026 | 23 | .032 |
| 7 | .029 | .024 | .021 | BF | .017 | .014 | .012 | .013 | .017 | .024 | .032 | .035 | .034 | .037 | .040 | .040 | .039 | .032 | .013 | .004 | .000 | .000 | .000 | .000 | 23 | .040 |
| 8 | .000 | .000 | .000 | BF | .003 | .003 | .012 | .019 | .026 | .037 | .041 | .041 | .040 | .039 | .040 | .040 | .036 | .026 | .009 | .010 | .014 | .016 | .017 | .017 | 23 | .041 |
| 9 | .014 | .011 | .012 | BF | .014 | .014 | .015 | .023 | .029 | .036 | .041 | .042 | .042 | .042 | .042 | .044 | .047 | .046 | .037 | .040 | .039 | .037 | .035 | .033 | 23 | .047 |
| 10 | .029 | .025 | .025 | BF | .022 | .022 | .021 | .022 | .024 | .027 | .031 | .033 | .034 | .035 | .033 | .031 | .031 | .031 | .031 | .031 | .029 | .030 | .031 | .030 | 23 | .035 |
| 11 | .029 | .028 | .027 | BF | .027 | .027 | .027 | .027 | .026 | .026 | .027 | .029 | .035 | .035 | .035 | .035 | .035 | .035 | .035 | .034 | .034 | .035 | .034 | .034 | 23 | .035 |
| 12 | .033 | .034 | .033 | BF | .030 | .031 | .031 | .031 | .030 | .027 | .025 | .026 | .027 | .026 | .027 | .026 | .027 | .026 | .022 | .020 | .016 | .009 | .000 | .008 | 23 | .034 |
| 13 | .013 | .018 | .014 | BF | .008 | .002 | .000 | .009 | .019 | .025 | .029 | .031 | .037 | .042 | .041 | .044 | .040 | .030 | .021 | .011 | .005 | .002 | .004 | .003 | 23 | .044 |
| 14 | .001 | .001 | .000 | BF | .001 | .002 | .002 | .013 | .025 | .033 | .031 | .034 | .029 | .032 | .037 | .035 | .032 | .030 | .022 | .018 | .008 | .003 | .006 | .004 | 23 | .037 |
| 15 | .001 | .005 | .000 | BF | .000 | .000 | .001 | BA | .015 | .024 | .032 | .043 | .041 | .037 | .040 | .039 | .040 | .032 | .022 | .006 | .001 | .000 | .000 | .000 | 22 | .043 |
| 16 | .000 | .000 | .001 | BF | .003 | .003 | .006 | .015 | .028 | .032 | .040 | .039 | .038 | .036 | .036 | .036 | .041 | .040 | .025 | .012 | .008 | .007 | .015 | .015 | 23 | .041 |
| 17 | .015 | .014 | .014 | BF | .011 | .011 | .012 | .014 | .016 | .017 | .019 | .019 | .019 | .020 | .019 | .018 | .018 | .021 | .020 | .019 | .020 | .020 | .019 | .016 | 23 | .021 |
| 18 | .014 | .014 | .013 | BF | .013 | .012 | .012 | .013 | .014 | .014 | .013 | .014 | .017 | .021 | .023 | .025 | .025 | .020 | .014 | .012 | .007 | .008 | .009 | .008 | 23 | .025 |
| 19 | .006 | .007 | .006 | BF | .005 | .005 | .006 | .010 | .015 | .018 | .024 | .026 | .028 | .029 | .031 | .031 | .031 | .021 | .011 | .003 | .000 | .000 | .000 | .000 | 23 | .031 |
| 20 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .010 | .023 | .032 | .042 | .053 | .053 | .049 | .046 | .045 | .043 | .021 | .014 | .033 | .042 | .035 | .022 | .012 | 23 | .053 |
| 21 | .005 | .002 | .001 | BF | .000 | .000 | .000 | .013 | .028 | .037 | .043 | .048 | .054 | .051 | .044 | .041 | .050 | .044 | .032 | .024 | .020 | .016 | .012 | .013 | 23 | .054 |
| 22 | .009 | .012 | .013 | BF | .014 | .006 | .003 | .015 | .025 | .035 | .047 | .046 | .044 | .045 | .041 | .043 | .043 | .030 | .019 | .005 | .000 | .000 | .000 | .000 | 23 | .047 |
| 23 | .000 | .000 | .000 | BF | .000 | .005 | .009 | .012 | .027 | .039 | .042 | .044 | .045 | .045 | .047 | .046 | .032 | .009 | .002 | .001 | .001 | .001 | .012 | .012 | 23 | .047 |
| 24 | .016 | .019 | .015 | BF | .014 | .014 | .015 | .018 | .025 | .029 | .027 | .026 | .028 | .028 | .029 | .034 | .033 | .024 | .011 | .012 | .017 | .019 | .029 | .032 | 23 | .034 |
| 25 | .031 | .031 | .027 | BF | .021 | .021 | .020 | .019 | .020 | .022 | .024 | .023 | .023 | .022 | .021 | .021 | .020 | .019 | .017 | .017 | .017 | .017 | .017 | .017 | 23 | .031 |
| 26 | .017 | .016 | .015 | BF | .013 | .013 | .012 | .012 | .012 | .013 | .015 | .017 | .018 | .020 | .021 | .022 | .023 | .023 | .019 | .018 | .018 | .016 | .015 | .014 | 23 | .023 |
| 27 | .013 | .011 | .010 | BF | .011 | .011 | .010 | .012 | .015 | .016 | .019 | .022 | .023 | .024 | .025 | .025 | .025 | .019 | .006 | .002 | .001 | .001 | .000 | .000 | 23 | .025 |
| 28 | .000 | .000 | .001 | BF | .000 | .000 | .000 | .011 | .025 | .033 | .042 | .053 | .062 | .061 | .062 | .065 | .056 | .036 | .015 | .002 | .001 | .000 | .000 | .000 | 23 | .065 |
| 29 | .000 | .007 | .024 | BF | .033 | .029 | .029 | .033 | .036 | .043 | .046 | .045 | .045 | .045 | .044 | .042 | .034 | .031 | .033 | .031 | .031 | .031 | .029 | .028 | 23 | .046 |
| 30 | .026 | .022 | .022 | BF | .021 | .021 | .020 | .026 | .035 | .040 | .042 | .045 | .045 | .045 | .045 | .047 | .046 | .038 | .035 | .035 | .033 | .031 | .030 | .029 | 23 | .047 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .033 | .034 | .033 | | .033 | .031 | .031 | .033 | .036 | .043 | .047 | .053 | .062 | .061 | .062 | .065 | .056 | .046 | .040 | .040 | .042 | .037 | .035 | .034 | | |
| AVG: | .0122 | .0120 | .0120 | | .0114 | .0105 | .0112 | .0169 | .0233 | .0287 | .0323 | .0346 | .0358 | .0358 | .0354 | .0356 | .0352 | .0297 | .0217 | .0176 | .0152 | .0142 | .0136 | .0135 | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0221 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-129-0002 POC: 1
 COUNTY: (129) New Hanover
 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .025 | .021 | .022 | BF | .020 | .019 | .019 | .020 | .022 | .026 | .031 | .036 | .039 | .040 | .039 | .039 | .038 | .032 | .021 | .022 | .024 | .025 | .025 | .024 | 23 | .040 |
| 2 | .024 | .025 | .024 | BF | .023 | .021 | .018 | .021 | .027 | .032 | .036 | .037 | .038 | .038 | .039 | .040 | .039 | .037 | .034 | .033 | .029 | .027 | .027 | .024 | 23 | .040 |
| 3 | .024 | .022 | .021 | BF | .022 | .021 | .019 | .025 | .030 | .034 | .037 | .039 | .041 | .041 | .040 | .040 | .038 | .033 | .029 | .021 | .023 | .024 | .023 | 23 | .041 | |
| 4 | .023 | .022 | .019 | BF | .016 | .015 | .013 | .016 | .019 | .026 | .031 | .033 | .036 | .035 | .032 | .029 | .028 | .023 | .019 | .017 | .010 | .002 | .010 | .014 | 23 | .036 |
| 5 | .014 | .014 | .014 | BF | .010 | .005 | .004 | .012 | .020 | .030 | .036 | .036 | .035 | .036 | .035 | .035 | .034 | .023 | .007 | .002 | .000 | .000 | .000 | .000 | 23 | .036 |
| 6 | .002 | .001 | .000 | BF | .000 | .000 | .000 | .008 | .016 | .024 | .034 | .034 | .034 | .035 | .035 | .033 | .032 | .021 | .005 | .001 | .000 | .001 | .003 | .005 | 23 | .035 |
| 7 | .012 | .011 | .014 | BF | .009 | .009 | .008 | .014 | .022 | .024 | .025 | .026 | .025 | .025 | .024 | .025 | .024 | .023 | .022 | .021 | .021 | .022 | .022 | .022 | 23 | .026 |
| 8 | .021 | .020 | .020 | BF | .017 | .015 | .013 | .017 | .019 | .020 | .020 | .019 | .019 | .020 | .020 | .019 | .017 | .016 | .015 | .015 | .016 | .015 | .017 | .019 | 23 | .021 |
| 9 | .020 | .019 | .019 | BF | .018 | .017 | .016 | .017 | .017 | .016 | .019 | .018 | .018 | .016 | .014 | .011 | .008 | .005 | .007 | .010 | .010 | .010 | .009 | .010 | 23 | .020 |
| 10 | .008 | .007 | .006 | BF | .001 | .000 | .000 | .005 | .012 | .013 | .012 | .013 | .014 | .017 | .021 | .019 | .014 | .011 | .006 | .007 | .003 | .005 | .001 | .001 | 23 | .021 |
| 11 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .005 | BA | .020 | .023 | .023 | .020 | .022 | .023 | .018 | .017 | .016 | .009 | .006 | .006 | .001 | .001 | .005 | 22 | .023 |
| 12 | .001 | .000 | .000 | BF | .000 | .000 | .000 | .002 | .009 | .012 | .019 | .025 | .026 | .017 | .028 | .028 | .019 | .011 | .013 | .018 | .020 | .018 | .022 | .023 | 23 | .028 |
| 13 | .022 | .022 | .021 | BF | .020 | .021 | .020 | .019 | .020 | .022 | .025 | .027 | .028 | .029 | .030 | .029 | .027 | .023 | .011 | .009 | .019 | .017 | .008 | .005 | 23 | .030 |
| 14 | .009 | .012 | .015 | BF | .021 | .019 | .017 | .018 | .018 | .018 | .018 | .019 | .019 | .021 | .023 | .023 | .019 | .010 | .005 | .005 | .007 | .008 | .008 | .005 | 23 | .023 |
| 15 | .004 | .005 | .006 | BF | .006 | .005 | .006 | .008 | .012 | .023 | .025 | .030 | .038 | .038 | .034 | .033 | .031 | .022 | .012 | .018 | .005 | .003 | .003 | .001 | 23 | .038 |
| 16 | .001 | .004 | .001 | BF | .009 | .004 | .000 | .010 | .019 | .028 | .033 | .032 | .029 | .028 | .021 | .023 | .024 | .025 | .022 | .027 | .027 | .024 | .022 | .022 | 23 | .033 |
| 17 | .024 | .025 | .023 | BF | .021 | .019 | .018 | .018 | .020 | .021 | .021 | .024 | .028 | .030 | .030 | .030 | .030 | .017 | .002 | .004 | .004 | .009 | .010 | .014 | 23 | .030 |
| 18 | .019 | .021 | .021 | BF | .020 | .019 | .019 | BE | 6 | .021 |
| 19 | BE | BE | BE | BE | BE | BE | BE | BE | BE | .027 | .033 | .037 | .038 | .038 | .036 | .037 | .028 | .008 | .000 | .000 | .000 | .000 | .000 | .000 | 15 | .038 |
| 20 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .001 | .016 | .029 | .040 | .044 | .047 | .048 | .050 | .050 | .042 | .026 | .012 | .004 | .003 | .000 | .000 | .000 | 23 | .050 |
| 21 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .003 | .026 | .039 | .045 | .052 | .054 | .056 | .057 | .057 | .053 | .022 | .004 | .001 | .000 | .000 | .000 | .000 | 23 | .057 |
| 22 | .000 | .000 | .000 | BF | .003 | .012 | .018 | .024 | .035 | .039 | .050 | .055 | .053 | .051 | .050 | .050 | .049 | .031 | .009 | .024 | .002 | .001 | .000 | .000 | 23 | .055 |
| 23 | .001 | .003 | .006 | BF | .018 | .036 | .037 | .042 | .045 | .045 | .044 | .042 | .040 | .038 | .034 | .032 | .031 | .030 | .031 | .031 | .031 | .029 | .028 | .029 | 23 | .045 |
| 24 | .030 | .029 | .028 | BF | .019 | .014 | .015 | .021 | .030 | .035 | .038 | .039 | .040 | .040 | .039 | .037 | .026 | .013 | .011 | .021 | .027 | .023 | .025 | 23 | .040 | |
| 25 | .026 | .027 | .024 | BF | .019 | .017 | .011 | .015 | .023 | .028 | .031 | .034 | .038 | .041 | .041 | .041 | .039 | .025 | .013 | .005 | .005 | .006 | .012 | .016 | 23 | .041 |
| 26 | .019 | .018 | .015 | BF | .013 | .013 | .012 | .020 | .024 | .026 | .030 | .033 | .035 | .038 | .039 | .039 | .034 | .013 | .004 | .001 | .001 | .001 | .000 | .000 | 23 | .039 |
| 27 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .000 | .008 | .030 | .042 | .046 | .049 | .050 | .050 | .044 | .019 | .005 | .001 | .001 | .000 | .000 | .000 | 23 | .050 | |
| 28 | .000 | .000 | .000 | BF | .008 | .011 | .009 | .011 | .017 | .025 | .039 | .042 | .045 | .047 | .046 | .044 | .039 | .022 | .018 | .018 | .028 | .039 | .042 | .040 | 23 | .047 |
| 29 | .038 | .036 | .033 | BF | .031 | .028 | .031 | .032 | .030 | .031 | .030 | .032 | .032 | .034 | .032 | .028 | .037 | .037 | .029 | .020 | .018 | .016 | .017 | .020 | 23 | .038 |
| 30 | .021 | .020 | .021 | BF | .020 | .018 | .015 | .018 | .019 | .023 | .026 | .029 | .031 | .032 | .032 | .032 | .029 | .010 | .004 | .001 | .001 | .001 | .000 | .000 | 23 | .032 |
| 31 | .000 | .001 | .000 | BF | .000 | .000 | .000 | .003 | .011 | .024 | .035 | .044 | .050 | .051 | .053 | .053 | .049 | .034 | .023 | .014 | .005 | .003 | .002 | .000 | 23 | .053 |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .038 | .036 | .033 | | .031 | .036 | .037 | .042 | .045 | .045 | .050 | .055 | .054 | .056 | .057 | .053 | .038 | .034 | .033 | .031 | .039 | .042 | .040 | | | |
| AVG: | .0129 | .0128 | .0124 | | .0121 | .0119 | .0113 | .0147 | .0209 | .0263 | .0309 | .0333 | .0346 | .0351 | .0350 | .0342 | .0317 | .0219 | .0136 | .0125 | .0113 | .0111 | .0112 | .0116 | | |

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .0202 MONTHLY MAX: .057

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-129-0002 POC: 1
 COUNTY: (129) New Hanover
 CITY: (10880) Castle Hayne
 SITE ADDRESS: 6028 HOLLY SHELTER RD
 SITE COMMENTS: CAROLINA POWER ELECTRIC METER NO. ACD-B87594-G35 85 409 257
 MONITOR COMMENTS: 14

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.364167
 LONGITUDE: -77.838611
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 12
 PROBE HEIGHT: 3.73

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .000 | .000 | .000 | BF | | | | | | | | | | | | | | | | | | | | | 3 | 0.000 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | 0.000 | 0.000 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | 0.0000 | 0.0000 | 0.0000 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: 0.0000 MONTHLY MAX: 0.000

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-145-0003 POC: 1
 COUNTY: (145) Person
 CITY: (00000) Not in a city
 SITE ADDRESS: SR49
 SITE COMMENTS: 2012 altitude via Google Earth lookup
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.306965
 LONGITUDE: -79.09197
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 198
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .035 | .035 | .033 | BF | .029 | .028 | .027 | .026 | .028 | .028 | .029 | .031 | .033 | .033 | .032 | .035 | .037 | .035 | .033 | .032 | .033 | .031 | .029 | .031 | 23 | .037 |
| 2 | .030 | .030 | .040 | BF | .040 | .040 | .040 | .039 | .039 | .040 | .041 | .042 | .043 | .044 | .046 | .046 | .046 | .045 | .041 | .022 | .027 | .032 | .035 | .036 | 23 | .046 |
| 3 | .035 | .030 | .032 | BF | .037 | .038 | .037 | .037 | .037 | .040 | .042 | .043 | .045 | .044 | .044 | .043 | .044 | .044 | .043 | .042 | .040 | .036 | .035 | .033 | 23 | .045 |
| 4 | .032 | .033 | .031 | BF | .020 | .023 | .020 | .023 | .033 | .038 | .041 | .042 | .043 | .044 | .046 | .047 | .047 | .043 | .034 | .031 | .028 | .032 | .033 | .033 | 23 | .047 |
| 5 | .028 | .029 | .036 | BF | .037 | .035 | .032 | .034 | .038 | .039 | .040 | .042 | .044 | .046 | .048 | .048 | .049 | .049 | .042 | .040 | .042 | .041 | .038 | .038 | 23 | .049 |
| 6 | .035 | .032 | .031 | BF | .024 | .016 | .013 | .020 | .036 | .043 | .045 | .048 | .049 | .051 | .054 | .055 | .056 | .052 | .049 | .047 | .041 | .040 | .040 | .046 | 23 | .056 |
| 7 | .047 | .047 | .048 | BF | .045 | .044 | .043 | .042 | .043 | .045 | .048 | .050 | .051 | .051 | .050 | .050 | .051 | .050 | .049 | .051 | .052 | .047 | .044 | .043 | 23 | .052 |
| 8 | .042 | .041 | .040 | BF | .038 | .038 | .039 | .037 | .038 | .042 | .045 | .047 | .051 | .051 | .051 | .052 | .053 | .052 | .048 | .047 | .047 | .043 | .045 | .044 | 23 | .053 |
| 9 | .043 | .037 | .042 | BF | .042 | .043 | .044 | .035 | .039 | .044 | .048 | .051 | .053 | .054 | .057 | .056 | .055 | .055 | .052 | .049 | .048 | .050 | .050 | .051 | 23 | .057 |
| 10 | .050 | .049 | .048 | BF | .047 | .046 | .043 | .042 | .041 | .043 | .048 | .046 | .045 | .048 | .048 | .049 | .048 | .046 | .046 | .044 | .043 | .043 | .045 | .044 | 23 | .050 |
| 11 | .043 | .042 | .040 | BF | .041 | .041 | .040 | .039 | .039 | .040 | .041 | .044 | .046 | .047 | .048 | .046 | .048 | .046 | .041 | .038 | .040 | .039 | .037 | .028 | 23 | .048 |
| 12 | .035 | .040 | .042 | BF | .040 | .039 | .038 | .037 | .040 | .040 | .041 | .044 | .045 | .046 | .046 | .044 | .043 | .043 | .037 | .039 | .038 | .037 | .036 | .035 | 23 | .046 |
| 13 | .034 | .028 | .023 | BF | .027 | .030 | .031 | .036 | .040 | .043 | .044 | .045 | .044 | .041 | .041 | .041 | .038 | .037 | .035 | .035 | .036 | .036 | .037 | .036 | 23 | .045 |
| 14 | .036 | .036 | .038 | BF | .037 | .033 | BA | BA | .031 | .033 | .035 | .037 | .038 | .038 | .038 | .040 | .040 | .039 | .038 | .037 | .039 | .040 | .041 | .041 | 21 | .041 |
| 15 | .040 | .040 | .040 | BK | .041 | .042 | .042 | .042 | BA | .042 | .043 | .044 | .045 | .045 | .046 | .046 | .045 | .044 | .043 | .043 | .042 | .041 | .040 | .039 | 22 | .046 |
| 16 | .038 | .037 | .037 | BF | .036 | .031 | .031 | .035 | .039 | .041 | .042 | .045 | .047 | .049 | .050 | .051 | .051 | .050 | .049 | .048 | .047 | .046 | .044 | .041 | 23 | .051 |
| 17 | .040 | .039 | .034 | BF | .031 | .025 | .028 | .031 | .042 | .047 | .049 | .051 | .052 | .052 | .053 | .053 | .053 | .049 | .046 | .047 | .047 | .048 | .042 | .040 | 23 | .053 |
| 18 | .041 | .043 | .044 | BF | .041 | .041 | .038 | .036 | .034 | .033 | .036 | .040 | .043 | .047 | .051 | .053 | .052 | .048 | .049 | .047 | .042 | .038 | .036 | .035 | 23 | .053 |
| 19 | .034 | .033 | .030 | BF | .024 | .022 | .021 | .021 | .025 | .030 | .033 | .036 | .038 | .041 | .042 | .043 | .043 | .042 | .038 | .038 | .030 | .033 | .032 | .032 | 23 | .043 |
| 20 | .031 | .030 | .028 | BF | .027 | .025 | .010 | .018 | .033 | .036 | .038 | .040 | .043 | .043 | .041 | .042 | .048 | .049 | .043 | .040 | .037 | .042 | .041 | .042 | 23 | .049 |
| 21 | .046 | .045 | .043 | BF | .037 | .033 | .033 | .032 | .037 | .041 | .048 | .051 | .054 | .054 | .054 | .054 | .054 | .053 | .050 | .047 | .044 | .045 | .041 | .036 | 23 | .054 |
| 22 | .030 | .037 | .036 | BF | .040 | .042 | .044 | .043 | .043 | .043 | .045 | .048 | .050 | .053 | .053 | .053 | .052 | .050 | .049 | .048 | .046 | .046 | .044 | .043 | 23 | .053 |
| 23 | .044 | .042 | .042 | BF | .034 | .031 | .032 | .038 | .044 | .046 | .047 | .048 | .049 | .051 | .053 | .054 | .054 | .053 | .049 | .046 | .045 | .046 | .044 | .042 | 23 | .054 |
| 24 | .040 | .040 | .043 | BF | .041 | .039 | .039 | .040 | .045 | .048 | .050 | .050 | .050 | .051 | .052 | .052 | .060 | .060 | .050 | .048 | .045 | .045 | .045 | .046 | 23 | .060 |
| 25 | .045 | .043 | .043 | BF | .041 | .039 | .037 | .038 | .039 | .043 | .047 | .049 | .050 | .049 | .048 | .049 | .049 | .047 | .045 | .039 | .042 | .035 | .036 | .039 | 23 | .050 |
| 26 | .039 | .037 | .036 | BF | .033 | .029 | .025 | .026 | .030 | .037 | .043 | .044 | .044 | .045 | .045 | .047 | .046 | .047 | .046 | .043 | .036 | .040 | .041 | .039 | 23 | .047 |
| 27 | .039 | .039 | .039 | BF | .037 | .035 | .035 | .035 | .035 | .038 | .039 | .040 | .039 | .041 | .044 | .045 | .046 | .043 | .037 | .033 | .038 | .040 | .039 | .038 | 23 | .046 |
| 28 | .038 | .036 | .035 | BF | .031 | .029 | .029 | .030 | .036 | .040 | .045 | .047 | .052 | .055 | .055 | .050 | .051 | .053 | .051 | .049 | .051 | .051 | .049 | .047 | 23 | .055 |
| 29 | .046 | .044 | .043 | BF | .031 | .019 | .029 | .033 | .037 | .038 | .040 | .042 | .044 | .047 | .047 | .047 | .048 | .048 | .042 | .040 | .038 | .038 | .036 | .036 | 23 | .048 |
| 30 | .034 | .030 | .028 | BF | .028 | .027 | .031 | .032 | .034 | .038 | .041 | .042 | .044 | .048 | .051 | .051 | .049 | .045 | .044 | .044 | .043 | .041 | .042 | .045 | 23 | .051 |
| 31 | .045 | .044 | .043 | BF | .039 | .037 | .038 | .039 | .036 | .035 | .039 | .042 | .043 | .044 | .050 | .048 | .041 | .039 | .035 | .034 | .032 | .030 | .029 | .027 | 23 | .050 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .050 | .049 | .048 | | .047 | .046 | .044 | .043 | .045 | .048 | .050 | .051 | .054 | .055 | .057 | .056 | .060 | .060 | .052 | .051 | .052 | .051 | .050 | .051 | | |
| AVG: | .0385 | .0377 | .0377 | | .0354 | .0335 | .0330 | .0339 | .0370 | .0398 | .0424 | .0442 | .0457 | .0468 | .0478 | .0481 | .0483 | .0470 | .0437 | .0415 | .0406 | .0404 | .0395 | .0389 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0410 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-145-0003 POC: 1
 COUNTY: (145) Person
 CITY: (00000) Not in a city
 SITE ADDRESS: SR49
 SITE COMMENTS: 2012 altitude via Google Earth lookup
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.306965
 LONGITUDE: -79.09197
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 198
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .025 | .024 | .024 | BF | .022 | .021 | .021 | .024 | .030 | .033 | .034 | .037 | .040 | .042 | .044 | .046 | .047 | .045 | .040 | .036 | .034 | .035 | .035 | .034 | 23 | .047 | |
| 2 | .031 | .029 | .028 | BF | .024 | .021 | .022 | .029 | .032 | .034 | .036 | .039 | .041 | .042 | .043 | .044 | .044 | .044 | .041 | .039 | .040 | .040 | .038 | .037 | 23 | .044 | |
| 3 | .038 | .037 | .036 | BF | .034 | .035 | .034 | .035 | .037 | .038 | .042 | .044 | .048 | .050 | .049 | .046 | .040 | .044 | .040 | .040 | .037 | .037 | .036 | .037 | 23 | .050 | |
| 4 | .036 | .036 | .035 | BF | .033 | .032 | .030 | .030 | .031 | .036 | .042 | .047 | .051 | .053 | .055 | .056 | .057 | .054 | .049 | .050 | .049 | .050 | .048 | .045 | 23 | .057 | |
| 5 | .044 | .042 | .035 | BF | .032 | .013 | .014 | .020 | .043 | .046 | .049 | .050 | .051 | .053 | .053 | .047 | .043 | .046 | .040 | .040 | .043 | .045 | .044 | .040 | 23 | .053 | |
| 6 | .036 | .035 | .032 | BF | .030 | .028 | .027 | .028 | .029 | .037 | .040 | .036 | .036 | .040 | .038 | .037 | .037 | .037 | .036 | .036 | .036 | .035 | .036 | .036 | 23 | .040 | |
| 7 | .037 | .038 | .038 | BF | .041 | .040 | .039 | .038 | .037 | .038 | .038 | .040 | .042 | .043 | .044 | .044 | .044 | .042 | .042 | .043 | .043 | .040 | .039 | .037 | 23 | .044 | |
| 8 | .039 | .036 | .031 | BF | .034 | .035 | .036 | .037 | .042 | .048 | .049 | .050 | .052 | .053 | .055 | .056 | .056 | .057 | .051 | .047 | .045 | .049 | .049 | .038 | 23 | .057 | |
| 9 | .037 | .033 | .028 | BF | .029 | .035 | .025 | .034 | .040 | .047 | .053 | .056 | .057 | .059 | .062 | .063 | .063 | .062 | .053 | .048 | .050 | .046 | .048 | .051 | 23 | .063 | |
| 10 | .051 | .050 | .049 | BF | .050 | .050 | .046 | .048 | .051 | .055 | .059 | .059 | .059 | .059 | .058 | .059 | .060 | .058 | .055 | .047 | .049 | .045 | .046 | .047 | 23 | .060 | |
| 11 | .043 | .042 | .041 | BF | .039 | .038 | .038 | .041 | .042 | .047 | .051 | .054 | .056 | .060 | .061 | .061 | .059 | .057 | .053 | .045 | .047 | .045 | .045 | .044 | 23 | .061 | |
| 12 | .040 | .038 | .038 | BF | .035 | .033 | BA | .033 | .036 | .044 | .047 | .051 | .054 | .056 | .057 | .058 | .058 | .059 | .052 | .037 | .036 | .040 | .037 | .039 | 22 | .059 | |
| 13 | .042 | .035 | .030 | BF | .029 | .026 | .034 | .046 | .047 | .051 | .055 | .058 | .062 | .062 | .062 | .062 | .063 | .062 | .055 | .050 | .052 | .053 | .051 | .051 | 23 | .063 | |
| 14 | .051 | .049 | .046 | BF | .036 | .034 | .032 | .034 | .043 | .046 | .048 | .050 | .053 | .055 | .055 | .056 | .056 | .053 | .049 | .039 | .036 | .038 | .041 | .039 | 23 | .056 | |
| 15 | .036 | .032 | .029 | BF | .025 | .023 | .021 | .026 | .036 | .043 | .047 | .051 | .052 | .054 | .055 | .055 | .054 | .053 | .053 | .043 | .049 | .049 | .049 | .049 | 23 | .055 | |
| 16 | .049 | .048 | .047 | BF | .043 | .040 | .041 | .043 | .046 | .050 | .051 | .051 | .051 | .053 | .054 | .055 | .053 | .052 | .052 | .050 | .048 | .046 | .045 | .045 | 23 | .055 | |
| 17 | .044 | .044 | .043 | BF | .042 | .041 | .039 | .039 | .041 | .042 | .047 | .052 | .053 | .057 | .056 | .045 | .037 | .027 | .024 | .019 | .014 | .016 | .024 | .031 | 23 | .057 | |
| 18 | .033 | .032 | .031 | BF | .024 | .024 | .024 | .029 | .034 | .037 | .040 | .041 | .045 | .049 | .049 | .047 | .048 | .047 | .046 | .046 | .048 | .047 | .046 | .045 | 23 | .049 | |
| 19 | .044 | .043 | .036 | BF | .031 | .032 | .026 | .027 | .026 | .026 | .024 | .026 | .025 | .025 | .025 | .026 | .024 | .022 | .020 | .018 | .017 | .022 | .023 | .023 | 23 | .044 | |
| 20 | .023 | .021 | .019 | BF | .015 | .013 | .017 | .022 | .024 | .030 | .035 | .041 | .048 | .052 | .054 | .052 | .050 | .048 | .043 | .033 | .036 | .040 | .042 | .042 | 23 | .054 | |
| 21 | .039 | .037 | .033 | BF | .024 | .020 | .020 | .024 | .031 | .037 | .041 | .045 | .050 | .054 | .054 | .051 | .038 | .030 | .027 | .021 | .025 | .029 | .031 | .025 | 23 | .054 | |
| 22 | .026 | .031 | .023 | BF | .027 | .026 | .015 | .018 | .023 | .029 | .037 | .041 | .043 | .046 | .048 | .045 | .034 | .027 | .025 | .027 | .030 | .037 | .037 | .033 | 23 | .048 | |
| 23 | .030 | .026 | .023 | BF | .021 | .022 | .023 | .023 | .021 | .021 | .022 | .022 | .019 | .016 | .016 | .020 | .021 | .022 | .022 | .022 | .026 | .028 | .029 | .028 | 23 | .030 | |
| 24 | .026 | .026 | .025 | BF | .025 | .023 | .022 | .022 | .023 | .023 | .024 | .023 | .023 | .024 | .022 | .022 | .020 | .019 | .020 | .021 | .023 | .023 | .025 | .027 | 23 | .027 | |
| 25 | .028 | .027 | .027 | BF | .028 | .028 | .024 | .026 | .027 | .027 | .027 | .028 | .028 | .028 | .030 | .028 | .026 | .027 | .026 | .026 | .025 | .023 | .022 | .020 | 23 | .030 | |
| 26 | .021 | .015 | .012 | BF | .015 | .010 | .013 | .019 | .023 | .028 | .033 | .038 | .042 | .045 | .046 | .043 | .042 | .041 | .029 | .023 | .022 | .015 | .011 | .013 | 23 | .046 | |
| 27 | .016 | .025 | .034 | BF | .032 | .030 | .032 | .037 | .040 | .043 | .048 | .053 | .056 | .056 | .057 | .056 | .061 | .054 | .044 | .034 | .036 | .035 | .033 | .030 | 23 | .061 | |
| 28 | .029 | .030 | .028 | BF | .021 | .011 | .012 | .021 | .028 | .034 | .038 | .045 | .048 | .046 | .041 | .039 | .041 | .040 | .036 | .021 | .015 | .022 | .028 | .034 | 23 | .048 | |
| 29 | .034 | .031 | .029 | BF | .027 | .027 | .025 | .023 | .024 | .027 | .028 | .030 | .031 | .032 | .034 | .036 | .036 | .035 | .029 | .023 | .024 | .026 | .028 | .025 | 23 | .036 | |
| 30 | .022 | .021 | .019 | BF | .018 | .017 | .018 | .020 | .021 | .023 | .023 | .025 | .027 | .028 | .029 | .028 | .025 | .026 | .025 | .024 | .022 | .019 | .019 | .018 | 23 | .029 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .051 | .050 | .049 | | .050 | .050 | .046 | .048 | .051 | .055 | .059 | .059 | .062 | .062 | .062 | .063 | .063 | .062 | .055 | .050 | .052 | .053 | .051 | .051 | | | |
| AVG: | .0350 | .0338 | .0316 | | .0295 | .0276 | .0266 | .0299 | .0336 | .0373 | .0402 | .0428 | .0448 | .0464 | .0469 | .0461 | .0446 | .0431 | .0394 | .0349 | .0353 | .0358 | .0362 | .0354 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0373 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-145-0003 POC: 1
 COUNTY: (145) Person
 CITY: (00000) Not in a city
 SITE ADDRESS: SR49
 SITE COMMENTS: 2012 altitude via Google Earth lookup
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.306965
 LONGITUDE: -79.09197
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 198
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .019 | .021 | .022 | BF | .022 | .021 | .020 | .022 | .024 | .025 | .024 | .024 | .027 | .029 | .032 | .032 | .031 | .031 | .030 | .025 | .027 | .027 | .028 | .028 | 23 | .032 | |
| 2 | .027 | .026 | .027 | BF | .025 | .033 | .037 | .041 | .046 | .049 | .050 | .051 | .052 | .053 | .054 | .054 | .054 | .055 | .051 | .046 | .046 | .045 | .044 | .042 | 23 | .055 | |
| 3 | .040 | .036 | .034 | BF | .035 | .035 | .037 | .038 | .043 | .048 | .049 | .050 | .051 | .052 | .052 | .053 | .054 | .052 | .042 | .034 | .036 | .040 | .039 | .041 | 23 | .054 | |
| 4 | .041 | .042 | .041 | BF | .034 | .033 | .032 | .036 | .041 | .044 | .050 | .053 | .054 | .055 | .049 | .043 | .038 | .035 | .029 | .027 | .030 | .035 | .037 | .040 | 23 | .055 | |
| 5 | .037 | .029 | .023 | BF | .040 | .039 | .037 | .033 | .032 | .035 | .037 | .042 | .044 | .045 | .047 | .045 | .044 | .044 | .042 | .038 | .036 | .034 | .032 | .031 | 23 | .047 | |
| 6 | .030 | .028 | .026 | BF | .023 | .021 | .019 | .024 | .030 | .033 | .035 | .035 | .039 | .043 | .045 | .044 | .042 | .041 | .039 | .038 | .037 | .035 | .034 | .032 | 23 | .045 | |
| 7 | .031 | .030 | .029 | BF | .026 | .026 | .025 | .028 | .032 | .037 | .040 | .042 | .043 | .045 | .047 | .048 | .048 | .049 | .048 | .044 | .045 | .040 | .042 | .035 | 23 | .049 | |
| 8 | .035 | .035 | .029 | BF | .035 | .020 | .029 | .034 | .044 | .051 | .054 | .056 | .057 | .058 | .059 | .060 | .060 | .059 | .052 | .038 | .029 | .027 | .026 | .029 | 23 | .060 | |
| 9 | .025 | .024 | .026 | BF | .011 | .010 | .026 | .030 | .025 | .024 | .024 | .028 | .034 | .034 | .037 | .043 | .039 | .030 | .028 | .022 | .016 | .015 | .014 | .015 | 23 | .043 | |
| 10 | .021 | .025 | .023 | BF | .019 | .019 | BA | BA | .029 | .037 | .039 | .043 | .047 | .052 | .054 | .060 | .065 | .063 | .058 | .037 | .039 | .033 | .050 | .031 | 21 | .065 | |
| 11 | .028 | .026 | .015 | BF | .014 | .014 | .015 | .023 | .023 | .020 | .022 | .034 | .042 | .050 | .052 | .052 | .053 | .049 | .042 | .030 | .027 | .022 | .031 | .041 | 23 | .053 | |
| 12 | .040 | .040 | .040 | BF | .038 | .037 | .034 | .034 | .035 | .033 | .033 | .030 | .029 | .028 | .027 | .026 | .024 | .021 | .021 | .021 | .019 | .020 | .024 | .026 | 23 | .040 | |
| 13 | .023 | .023 | .025 | BF | .022 | .023 | .025 | .027 | .027 | .028 | .029 | .028 | .028 | .029 | .030 | .032 | .033 | .031 | .026 | .018 | .013 | .018 | .015 | .012 | 23 | .033 | |
| 14 | .010 | .009 | .010 | BF | .008 | .012 | .018 | .025 | .032 | .039 | .047 | .051 | .055 | .055 | .054 | .055 | .057 | .055 | .053 | .051 | .047 | .046 | .045 | .043 | 23 | .057 | |
| 15 | .039 | .038 | .040 | BF | .043 | .042 | .040 | .038 | .042 | .049 | .049 | .057 | .055 | .056 | .058 | .059 | .058 | .057 | .045 | .036 | .029 | .033 | .030 | .034 | 23 | .059 | |
| 16 | .029 | .028 | .029 | BF | .021 | .015 | .021 | .032 | .039 | .045 | .048 | .051 | .054 | .055 | .056 | .064 | .069 | .064 | .039 | .047 | .045 | .038 | .036 | .035 | 23 | .069 | |
| 17 | .033 | .036 | .033 | BF | .042 | .039 | .037 | .040 | .047 | .055 | .061 | .068 | .068 | .064 | .061 | .059 | .059 | .056 | .047 | .039 | .037 | .041 | .047 | .049 | 23 | .068 | |
| 18 | .049 | .048 | .047 | BF | .042 | .041 | .038 | .037 | .037 | .041 | .045 | .047 | .048 | .048 | .049 | .048 | .046 | .043 | .041 | .036 | .034 | .036 | .039 | .043 | 23 | .049 | |
| 19 | .044 | .043 | .042 | BF | .038 | .034 | .032 | .033 | .035 | .040 | .046 | .052 | .057 | .055 | .054 | .051 | .046 | .041 | .036 | .027 | .017 | .011 | .011 | .025 | 23 | .057 | |
| 20 | .027 | .022 | .017 | BF | .014 | .013 | .012 | .017 | .030 | .038 | .045 | .046 | .047 | .045 | .046 | .060 | .065 | .043 | .041 | .039 | .039 | .036 | .036 | .033 | 23 | .065 | |
| 21 | .030 | .029 | .027 | BF | .027 | .024 | .024 | .024 | .025 | .024 | .023 | .022 | .023 | .024 | .022 | .021 | .022 | .021 | .018 | .018 | .019 | .019 | .017 | .019 | 23 | .030 | |
| 22 | .017 | .017 | .019 | BF | .020 | .021 | .021 | .020 | .012 | .016 | .018 | .020 | .025 | .030 | .030 | .030 | .030 | .029 | .020 | .016 | .010 | .007 | .010 | .013 | .016 | 23 | .030 |
| 23 | .023 | .026 | .021 | BF | .017 | .030 | AV | .033 | .031 | .030 | .031 | .025 | .018 | .018 | .017 | .018 | .018 | .029 | .027 | .028 | .026 | .024 | .021 | .022 | 22 | .033 | |
| 24 | .020 | .022 | .024 | BF | .024 | .023 | AM | AM | .020 | .020 | .018 | .019 | .018 | .020 | .023 | .022 | .020 | .019 | .024 | .025 | .023 | .022 | .025 | .025 | 21 | .025 | |
| 25 | .024 | .039 | .052 | AM | .037 | .034 | .035 | .037 | .036 | .038 | .039 | .042 | .040 | .042 | .043 | .045 | .040 | .035 | .033 | .034 | .039 | .039 | .038 | .037 | 23 | .052 | |
| 26 | .035 | .035 | .033 | BF | .029 | .029 | .030 | .032 | .041 | .047 | .049 | .050 | .051 | .052 | .054 | .056 | .057 | .055 | .049 | .038 | .034 | .038 | .043 | .043 | 23 | .057 | |
| 27 | .041 | .038 | .033 | BF | .021 | .012 | .019 | .035 | .039 | .049 | .057 | .057 | .055 | .055 | .057 | .056 | .055 | .055 | .046 | .037 | .038 | .041 | .039 | .041 | 23 | .057 | |
| 28 | .041 | .042 | .040 | BF | .032 | .023 | .022 | .028 | .035 | .046 | .049 | .051 | .051 | .055 | .055 | .052 | .050 | .046 | .044 | .037 | .036 | .039 | .037 | .034 | 23 | .055 | |
| 29 | .031 | .032 | .033 | BF | .032 | .032 | .034 | .035 | .041 | .045 | .047 | .047 | .046 | .046 | .046 | .048 | .048 | .035 | .026 | .030 | .031 | .032 | .031 | .024 | 23 | .048 | |
| 30 | .023 | .029 | .031 | BF | .025 | .019 | .019 | .023 | .028 | .032 | .037 | .040 | .042 | .042 | .038 | .041 | .048 | .047 | .040 | .035 | .032 | .030 | .032 | .029 | 23 | .048 | |
| 31 | .026 | .023 | .029 | BF | .024 | .025 | .027 | .029 | .036 | .043 | .048 | .057 | .062 | .057 | .053 | .051 | .046 | .041 | .030 | .039 | .039 | .037 | .029 | .023 | 23 | .062 | |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 28 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | | |
| MAX: | .049 | .048 | .052 | | .043 | .042 | .040 | .041 | .047 | .055 | .061 | .068 | .068 | .064 | .061 | .064 | .069 | .064 | .058 | .051 | .047 | .046 | .050 | .049 | | | |
| AVG: | .0303 | .0304 | .0297 | | .0271 | .0258 | .0273 | .0306 | .0335 | .0375 | .0401 | .0425 | .0439 | .0449 | .0452 | .0460 | .0457 | .0426 | .0375 | .0330 | .0314 | .0311 | .0318 | .0315 | | | |

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .0357 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-145-0003 POC: 1
 COUNTY: (145) Person
 CITY: (00000) Not in a city
 SITE ADDRESS: SR49
 SITE COMMENTS: 2012 altitude via Google Earth lookup
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.306965
 LONGITUDE: -79.09197
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 198
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .023 | .019 | .026 | BF | .020 | .016 | .018 | .027 | .034 | .039 | .046 | .052 | .056 | .056 | .057 | .054 | .050 | .034 | .026 | .022 | .019 | .027 | .035 | .022 | 23 | .057 | |
| 2 | .016 | .017 | .016 | BF | .010 | .008 | .013 | .031 | .043 | .049 | .059 | .061 | .062 | .062 | .062 | .062 | .063 | .062 | .048 | .042 | .033 | .035 | .041 | .040 | 23 | .063 | |
| 3 | .041 | .028 | .017 | BF | .014 | .012 | .020 | .029 | .031 | .037 | .049 | .053 | .055 | .057 | .059 | .059 | .059 | .057 | .050 | .037 | .035 | .035 | .033 | .034 | 23 | .059 | |
| 4 | .040 | .028 | .020 | BF | .023 | .011 | .014 | .021 | .043 | .052 | .057 | .056 | .054 | .047 | .043 | .038 | .037 | .044 | .040 | .042 | .037 | .035 | .035 | .036 | 23 | .057 | |
| 5 | .034 | .032 | .030 | BF | .024 | .021 | .022 | .023 | .021 | .022 | .017 | .016 | .022 | .030 | .032 | .032 | .039 | .036 | .034 | .035 | .032 | .030 | .028 | .028 | 23 | .039 | |
| 6 | .025 | .024 | .021 | BF | .017 | .015 | .019 | .026 | .038 | .044 | .049 | .053 | .055 | .055 | .055 | .053 | .051 | .045 | .037 | .027 | .020 | .025 | .026 | .025 | 23 | .055 | |
| 7 | .030 | .033 | .026 | BF | .024 | .020 | .024 | .030 | .034 | .037 | .039 | .041 | .041 | .042 | .043 | .043 | .039 | .040 | .038 | .038 | .035 | .035 | .032 | .032 | 23 | .043 | |
| 8 | .030 | .030 | .030 | BF | .018 | .019 | BA | BA | .031 | .035 | .036 | .037 | .039 | .040 | .041 | .042 | .042 | .041 | .039 | .028 | .023 | .020 | .021 | .022 | 21 | .042 | |
| 9 | .023 | .024 | .021 | BF | .020 | .020 | .023 | .029 | .034 | .041 | .046 | .050 | .050 | .050 | .049 | .050 | .050 | .050 | .047 | .035 | .027 | .023 | .025 | .025 | 23 | .050 | |
| 10 | .028 | .027 | .021 | BF | .020 | .010 | .014 | .029 | .038 | .044 | .050 | .055 | .058 | .060 | .063 | .066 | .066 | .065 | .058 | .047 | .043 | .038 | .042 | .041 | 23 | .066 | |
| 11 | .043 | .038 | .035 | BF | .031 | .031 | .030 | .033 | .038 | .041 | .046 | .049 | .053 | .054 | .055 | .053 | .052 | .050 | .046 | .035 | .032 | .029 | .029 | .034 | 23 | .055 | |
| 12 | .035 | .032 | .031 | BF | .026 | .025 | .027 | .031 | .035 | .037 | .038 | .040 | .044 | .049 | .050 | .053 | .051 | .045 | .041 | .030 | .028 | .033 | .032 | .031 | 23 | .053 | |
| 13 | .030 | .030 | .028 | BF | .024 | .025 | .026 | .028 | .031 | .036 | .041 | .049 | .053 | .054 | .048 | .041 | .036 | .043 | .037 | .039 | .034 | .028 | .027 | .026 | 23 | .054 | |
| 14 | .025 | .026 | .025 | BF | .016 | .019 | .018 | .022 | .031 | .038 | .041 | .044 | .047 | .048 | .049 | .049 | .049 | .049 | .049 | .038 | .050 | .047 | .044 | .034 | .024 | 23 | .050 |
| 15 | .015 | .012 | .008 | BF | .009 | .007 | .012 | .030 | .042 | .049 | .058 | .067 | .068 | .058 | .053 | .054 | .051 | .055 | .054 | .048 | .045 | .040 | .034 | .030 | 23 | .068 | |
| 16 | .028 | .025 | .031 | BF | .027 | .019 | .026 | .035 | .038 | .039 | .037 | .039 | .045 | .049 | .051 | .051 | .052 | .053 | .047 | .044 | .045 | .038 | .032 | .028 | 23 | .053 | |
| 17 | .023 | .020 | .017 | BF | .016 | .014 | .015 | .020 | .022 | .024 | .028 | .034 | .036 | .031 | .027 | .032 | .034 | .036 | .034 | .029 | .024 | .029 | .030 | .028 | 23 | .036 | |
| 18 | .025 | .024 | .021 | BF | .024 | .023 | .022 | .023 | .027 | .030 | .032 | .032 | .031 | .031 | .032 | .033 | .031 | .031 | .031 | .029 | .027 | .025 | .025 | .025 | 23 | .033 | |
| 19 | .042 | .037 | .033 | BF | .018 | .011 | .011 | .014 | .017 | .023 | .027 | .030 | .031 | .031 | .032 | .032 | .032 | .031 | .024 | .030 | .034 | .034 | .036 | .034 | 23 | .042 | |
| 20 | .036 | .033 | .036 | BF | .028 | .023 | .026 | .022 | .023 | .024 | .026 | .034 | .042 | .043 | .043 | .042 | .038 | .027 | .025 | .023 | .025 | .033 | .038 | .034 | 23 | .043 | |
| 21 | .028 | .024 | .021 | BF | .027 | .024 | .020 | BA | .023 | .026 | .034 | .037 | .038 | .042 | .043 | .039 | .040 | .040 | .034 | .026 | .022 | .023 | .024 | .023 | 22 | .043 | |
| 22 | .020 | .016 | .013 | BF | .009 | .007 | .006 | .008 | .012 | .026 | .042 | .044 | .046 | .042 | .035 | .026 | .023 | .023 | .021 | .020 | .018 | .016 | .013 | .012 | 23 | .046 | |
| 23 | .010 | .009 | .011 | BF | .013 | .011 | .011 | .011 | .013 | .015 | .020 | .022 | .024 | .026 | .026 | .026 | .025 | .023 | .020 | .017 | .016 | .017 | .021 | .021 | 23 | .026 | |
| 24 | .023 | .024 | .021 | BF | .015 | .012 | .015 | .024 | .029 | .038 | .039 | .039 | .041 | .046 | .040 | .029 | .027 | .026 | .023 | .020 | .018 | .017 | .016 | .024 | 23 | .046 | |
| 25 | .018 | .012 | .013 | BF | .007 | .005 | .010 | .018 | .023 | .031 | .035 | .038 | .040 | .040 | .040 | .039 | .031 | .022 | .021 | .019 | .011 | .015 | .012 | .012 | 23 | .040 | |
| 26 | .008 | .008 | .008 | BF | .008 | .009 | .016 | .022 | .032 | .040 | .047 | .049 | .049 | .049 | .048 | .048 | .049 | .047 | .035 | .026 | .024 | .026 | .032 | .034 | 23 | .049 | |
| 27 | .040 | .036 | .025 | BF | .014 | .013 | .017 | .024 | .030 | .039 | .044 | .046 | .047 | .047 | .046 | .046 | .044 | .045 | .042 | .032 | .028 | .022 | .019 | .018 | 23 | .047 | |
| 28 | .016 | .012 | .015 | BF | .014 | .010 | .012 | .026 | .030 | .034 | .037 | .040 | .042 | .043 | .045 | .046 | .045 | .043 | .036 | .030 | .026 | .027 | .028 | .019 | 23 | .046 | |
| 29 | .018 | .022 | .028 | BF | .039 | .036 | .035 | .038 | .042 | .048 | .051 | .053 | .053 | .052 | .050 | .049 | .050 | .049 | .048 | .045 | .046 | .046 | .045 | .042 | 23 | .053 | |
| 30 | .042 | .041 | .038 | BF | .032 | .027 | .024 | .032 | .034 | .032 | .031 | .032 | .030 | .032 | .030 | .029 | .028 | .026 | .020 | .018 | .015 | .016 | .015 | .016 | 23 | .042 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 29 | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .043 | .041 | .038 | | .039 | .036 | .035 | .038 | .043 | .052 | .059 | .067 | .068 | .062 | .063 | .066 | .066 | .065 | .058 | .050 | .047 | .046 | .045 | .042 | | | |
| AVG: | .0272 | .0248 | .0229 | | .0196 | .0168 | .0188 | .0252 | .0306 | .0357 | .0401 | .0431 | .0451 | .0455 | .0449 | .0439 | .0428 | .0413 | .0365 | .0321 | .0290 | .0287 | .0288 | .0273 | | | |

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .0327 MONTHLY MAX: .068

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-145-0003 POC: 1
 COUNTY: (145) Person
 CITY: (00000) Not in a city
 SITE ADDRESS: SR49
 SITE COMMENTS: 2012 altitude via Google Earth lookup
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.306965
 LONGITUDE: -79.09197
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 198
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .016 | .016 | .015 | BF | .011 | .010 | .010 | .010 | .013 | .014 | .020 | .026 | .031 | .034 | .034 | .032 | .027 | .026 | .028 | .033 | .033 | .031 | .029 | .027 | 23 | .034 |
| 2 | .024 | .021 | .018 | BF | .012 | .010 | .012 | .017 | .023 | .032 | .039 | .043 | .042 | .042 | .042 | .039 | .039 | .038 | .031 | .021 | .021 | .016 | .022 | .017 | 23 | .043 |
| 3 | .020 | .016 | .011 | BF | .010 | .013 | .016 | .021 | .028 | .032 | .039 | .042 | .045 | .045 | .046 | .047 | .047 | .043 | .033 | .030 | .034 | .035 | .034 | .031 | 23 | .047 |
| 4 | .027 | .019 | .016 | BF | .010 | .009 | .011 | .021 | .033 | .042 | .043 | .043 | .043 | .041 | .041 | .041 | .049 | .042 | .036 | .030 | .035 | .033 | .033 | .031 | 23 | .049 |
| 5 | .026 | .020 | .009 | BF | .011 | .013 | .017 | .020 | .021 | .026 | .033 | .033 | .035 | .036 | .039 | .043 | .041 | .040 | .031 | .022 | .037 | .033 | .025 | .017 | 23 | .043 |
| 6 | .015 | .018 | .015 | BF | .011 | .011 | .017 | .020 | .025 | .031 | .040 | .038 | .036 | .044 | .048 | .044 | .037 | .039 | .030 | .018 | .031 | .018 | .023 | .026 | 23 | .048 |
| 7 | AN | AN | AN | AN | .013 | .012 | .014 | .018 | .029 | .038 | .037 | .037 | .039 | .039 | .040 | .040 | .046 | .046 | .042 | .034 | .025 | .027 | .030 | .030 | 20 | .046 |
| 8 | .030 | .030 | .025 | BF | .017 | .016 | .019 | .025 | .033 | .039 | .043 | .045 | .049 | .052 | .047 | .044 | .037 | .033 | .042 | .044 | .041 | .033 | .019 | .015 | 23 | .052 |
| 9 | .015 | .019 | .017 | BF | .011 | .009 | .008 | .014 | .020 | .035 | .044 | .046 | .050 | .049 | .044 | .034 | .039 | .037 | .026 | .020 | .015 | .009 | .010 | .005 | 23 | .050 |
| 10 | .006 | .007 | .007 | BF | .001 | .000 | .002 | .020 | .029 | .038 | .043 | .044 | .045 | .046 | .045 | .047 | .051 | .054 | .050 | .041 | .037 | .032 | .029 | .027 | 23 | .054 |
| 11 | .027 | .024 | .018 | BF | .017 | .012 | .015 | AZ | .024 | .031 | .038 | .045 | .053 | .055 | .050 | .054 | .054 | .050 | .038 | .028 | .030 | .029 | .026 | .025 | 22 | .055 |
| 12 | .025 | .021 | .019 | BF | .013 | .015 | .019 | .024 | .032 | .042 | .048 | .050 | .051 | .052 | .053 | .051 | .050 | .046 | .038 | .028 | .024 | .025 | .027 | .029 | 23 | .053 |
| 13 | .031 | .028 | .027 | BF | .021 | .019 | .020 | .025 | .031 | .043 | .054 | .056 | .057 | .058 | .057 | .052 | .049 | .052 | .048 | .033 | .034 | .031 | .030 | .034 | 23 | .058 |
| 14 | .028 | .023 | .019 | BF | .019 | .021 | .019 | .025 | .034 | .041 | .045 | .048 | .049 | .052 | .048 | .046 | .048 | .045 | .032 | .028 | .025 | .024 | .023 | .021 | 23 | .052 |
| 15 | .018 | .019 | .019 | BF | .015 | .014 | .018 | .022 | .025 | .037 | .042 | .042 | .045 | .045 | .045 | .046 | .045 | .045 | .035 | .028 | .027 | .030 | .039 | .037 | 23 | .046 |
| 16 | .032 | .025 | .021 | BF | .012 | .013 | .015 | .017 | .040 | .042 | .043 | .048 | .055 | .059 | .056 | .047 | .043 | .041 | .043 | .041 | .038 | .035 | .030 | .023 | 23 | .059 |
| 17 | .028 | .027 | .022 | BF | .012 | .010 | .011 | .015 | .019 | .029 | .034 | .037 | .037 | .039 | .041 | .043 | .041 | .037 | .032 | .034 | .032 | .031 | .029 | .028 | 23 | .043 |
| 18 | .021 | .018 | .016 | BF | .010 | .012 | BA | BA | .025 | .034 | .042 | .047 | .046 | .044 | .043 | .041 | .037 | .028 | .043 | .041 | .035 | .025 | .018 | .013 | 21 | .047 |
| 19 | .011 | .014 | .011 | BF | .010 | .008 | .012 | .025 | .029 | .043 | .052 | .059 | .061 | .061 | .058 | .056 | .044 | .043 | .044 | .034 | .029 | .026 | .023 | .031 | 23 | .061 |
| 20 | .037 | .031 | .021 | BF | .016 | .011 | .015 | .026 | .036 | .041 | .044 | .046 | .046 | .049 | .049 | .050 | .050 | .044 | .029 | .023 | .017 | .023 | .024 | .033 | 23 | .050 |
| 21 | .037 | .035 | .031 | BF | .021 | .019 | .024 | .029 | .035 | .044 | .046 | .050 | .053 | .054 | .053 | .053 | .051 | .048 | .045 | .041 | .033 | .027 | .028 | .031 | 23 | .054 |
| 22 | .031 | .031 | .029 | BF | .024 | .023 | .025 | .028 | .033 | .044 | .051 | .052 | .054 | .051 | .049 | .052 | .059 | .060 | .054 | .051 | .044 | .041 | .040 | .039 | 23 | .060 |
| 23 | .038 | .038 | .036 | BF | .034 | .031 | .029 | .031 | .034 | .041 | .048 | .055 | .055 | .060 | .062 | .061 | .064 | .053 | AI | .036 | .036 | .036 | .032 | 22 | .064 | |
| 24 | .031 | .032 | .025 | BF | .017 | .017 | .019 | .020 | .023 | .029 | .037 | .044 | .050 | .051 | .052 | .054 | .056 | .056 | .049 | .038 | .036 | .041 | .043 | .040 | 23 | .056 |
| 25 | .034 | .030 | .022 | BF | .014 | .011 | .012 | .028 | .036 | .047 | .055 | .055 | .056 | .058 | .059 | .062 | .074 | .075 | .055 | .040 | .038 | .036 | .038 | .037 | 23 | .075 |
| 26 | .032 | .037 | .041 | BF | .038 | .032 | .031 | .036 | .041 | .040 | .043 | .047 | .049 | .049 | .050 | .052 | .055 | .061 | .057 | .046 | .044 | .034 | .032 | .028 | 23 | .061 |
| 27 | .028 | .028 | .031 | BF | .031 | .033 | .030 | .031 | .036 | .041 | .044 | .047 | .047 | .048 | .048 | .048 | .045 | .045 | .035 | .033 | .037 | .033 | .029 | .025 | 23 | .048 |
| 28 | .022 | .021 | .016 | BF | .013 | .010 | .011 | .015 | .028 | .038 | .042 | .045 | .050 | .047 | .037 | .031 | .034 | .034 | .029 | .017 | .018 | .012 | .015 | .018 | 23 | .050 |
| 29 | .016 | .014 | .013 | BF | .010 | .013 | .031 | .035 | .033 | .037 | .039 | .031 | .042 | .040 | .044 | .040 | .037 | .032 | .030 | .025 | .027 | .024 | .018 | .016 | 23 | .044 |
| 30 | .019 | .021 | .014 | BF | .011 | .011 | .012 | .013 | .027 | .031 | .033 | .034 | .035 | .037 | .038 | .039 | .039 | .038 | .036 | .029 | .027 | .022 | .020 | .017 | 23 | .039 |
| 31 | .019 | .014 | .014 | BF | .002 | .002 | .004 | .014 | .026 | .032 | .045 | .049 | .048 | .050 | .053 | .058 | .052 | .046 | .042 | .031 | .028 | .026 | .025 | .023 | 23 | .058 |
| NO.: | 30 | 30 | 30 | | 31 | 31 | 30 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .038 | .038 | .041 | | .038 | .033 | .031 | .036 | .041 | .047 | .055 | .059 | .061 | .061 | .062 | .062 | .074 | .075 | .057 | .051 | .044 | .041 | .043 | .040 | | |
| AVG: | .0248 | .0232 | .0199 | | .0151 | .0142 | .0166 | .0222 | .0286 | .0365 | .0421 | .0445 | .0467 | .0478 | .0475 | .0469 | .0466 | .0445 | .0387 | .0323 | .0313 | .0284 | .0275 | .0262 | | |

MONTHLY OBSERVATIONS: 706 MONTHLY MEAN: .0328 MONTHLY MAX: .075

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-145-0003 POC: 1
 COUNTY: (145) Person
 CITY: (00000) Not in a city
 SITE ADDRESS: SR49
 SITE COMMENTS: 2012 altitude via Google Earth lookup
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
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 LONGITUDE: -79.09197
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 198
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .021 | .019 | .017 | BF | .008 | .007 | .012 | .029 | .034 | .041 | .050 | .057 | .060 | .061 | .064 | .058 | .059 | .053 | .041 | .034 | .027 | .027 | .027 | .018 | 23 | .064 |
| 2 | .019 | .020 | .016 | BF | .014 | .010 | .009 | .016 | .026 | .036 | .043 | .052 | .063 | .062 | .059 | .054 | .047 | .039 | .037 | .031 | .028 | .024 | .029 | .021 | 23 | .063 |
| 3 | .020 | .022 | .023 | BF | .021 | .023 | .023 | .038 | .053 | .058 | .063 | .062 | .061 | .062 | .062 | .060 | .063 | .055 | .047 | .041 | .031 | .029 | .032 | .031 | 23 | .063 |
| 4 | .027 | .025 | .026 | BF | .030 | .029 | .026 | .031 | .037 | .043 | .050 | .053 | .054 | .054 | .054 | .052 | .050 | .047 | .043 | .038 | .033 | .031 | .030 | .029 | 23 | .054 |
| 5 | .030 | .029 | .026 | BF | .017 | .015 | .014 | .018 | .030 | .037 | .040 | .042 | .042 | .042 | .043 | .044 | .045 | .044 | .042 | .035 | .032 | .032 | .029 | .025 | 23 | .045 |
| 6 | .022 | .019 | .017 | BF | .010 | .008 | .008 | .021 | .030 | .034 | .036 | .038 | .039 | .043 | .044 | .045 | .046 | .045 | .039 | .034 | .035 | .033 | .032 | .030 | 23 | .046 |
| 7 | .028 | .025 | .020 | BF | .015 | .015 | .019 | .016 | .015 | .016 | .017 | .019 | .020 | .022 | .025 | .027 | .028 | .024 | .022 | .020 | .018 | .014 | .019 | .020 | 23 | .028 |
| 8 | .020 | .018 | .021 | BF | .017 | .021 | .024 | .023 | .023 | .021 | .021 | .026 | .029 | .027 | .030 | .035 | .036 | .033 | .028 | .020 | .013 | .005 | .007 | .007 | 23 | .036 |
| 9 | .003 | .001 | .001 | BF | .001 | .004 | .007 | .012 | .031 | .042 | .044 | .046 | .045 | .046 | .047 | .047 | .048 | .046 | .039 | .031 | .028 | .024 | .022 | .017 | 23 | .048 |
| 10 | .011 | .007 | .005 | BF | .001 | .001 | .002 | .015 | .029 | .043 | .044 | .046 | .046 | .049 | .049 | .047 | .047 | .045 | .034 | .030 | .025 | .022 | .018 | .020 | 23 | .049 |
| 11 | .020 | .016 | .014 | BF | .008 | .011 | .013 | .016 | .027 | .036 | .040 | .043 | .041 | .039 | .037 | .035 | .028 | .025 | .027 | .017 | .022 | .010 | .007 | .010 | 23 | .043 |
| 12 | .009 | .013 | .013 | BF | .009 | .009 | .006 | .011 | .017 | .020 | .023 | .026 | .030 | .029 | .030 | .033 | .036 | .033 | .022 | .023 | .018 | .012 | .011 | .011 | 23 | .036 |
| 13 | .011 | .014 | .028 | AN | .024 | .010 | .014 | .018 | .022 | .027 | .037 | .040 | .040 | .039 | .037 | .039 | .037 | .036 | .034 | .025 | .023 | .014 | .011 | .009 | 23 | .040 |
| 14 | .017 | .021 | .020 | BF | .022 | .019 | .015 | .020 | AV | 7 | .022 |
| 15 | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | 0 | |
| 16 | AV | AV | AV | AV | AV | AV | AV | AV | BC | BC | BC | .039 | .047 | .055 | .051 | .048 | .041 | .039 | .024 | .021 | .025 | .026 | .023 | .018 | 13 | .055 |
| 17 | .015 | .012 | .010 | BF | .010 | .008 | .007 | .018 | .026 | .035 | .044 | .052 | .051 | .049 | .048 | .048 | .046 | .043 | .039 | .032 | .029 | .028 | .025 | .020 | 23 | .052 |
| 18 | .018 | .017 | .013 | BF | .012 | .010 | .010 | .014 | .026 | .038 | .039 | .042 | .046 | .039 | .040 | .046 | .048 | .046 | .042 | .040 | .036 | .028 | .020 | .012 | 23 | .048 |
| 19 | .013 | .010 | .012 | BF | .013 | .013 | .014 | .024 | .033 | .040 | .046 | .048 | .050 | .049 | .047 | .046 | .046 | .044 | .031 | .024 | .019 | .012 | .011 | .015 | 23 | .050 |
| 20 | .017 | .012 | .007 | BF | .009 | .009 | .011 | .019 | .026 | .037 | .048 | .046 | .045 | .047 | .049 | .050 | .048 | .041 | .031 | .026 | .021 | .016 | .017 | .016 | 23 | .050 |
| 21 | .013 | .012 | .008 | BF | .007 | .006 | .008 | .016 | .025 | .035 | .042 | .045 | .065 | .062 | .050 | .056 | .057 | .052 | .044 | .032 | .023 | .019 | .015 | .017 | 23 | .065 |
| 22 | .015 | .022 | .021 | BF | .015 | .012 | .012 | .019 | .028 | .035 | .044 | .049 | .049 | .052 | .053 | .052 | .047 | .042 | .035 | .033 | .032 | .033 | .033 | .031 | 23 | .053 |
| 23 | .026 | .023 | .021 | BF | .017 | .015 | .013 | .017 | .030 | .039 | .045 | .046 | .042 | .038 | .034 | .038 | .041 | .032 | .035 | .032 | .034 | .032 | .027 | .027 | 23 | .046 |
| 24 | .023 | .024 | .019 | BF | .015 | .013 | .019 | .024 | .032 | .035 | .038 | .042 | .044 | .045 | .041 | .039 | .042 | .042 | .035 | .028 | .024 | .020 | .017 | .016 | 23 | .045 |
| 25 | .016 | .012 | .008 | BF | .008 | .009 | .009 | .015 | .027 | .037 | .047 | .055 | .056 | .052 | .052 | .052 | .050 | .040 | .031 | .032 | .030 | .027 | .023 | .023 | 23 | .056 |
| 26 | .024 | .024 | .023 | BF | .015 | .018 | .017 | .024 | .035 | .042 | .045 | .047 | .048 | .049 | .049 | .052 | .049 | .043 | .035 | .037 | .034 | .030 | .022 | .026 | 23 | .052 |
| 27 | .024 | .027 | .025 | BF | .022 | .025 | .018 | .031 | .040 | .042 | .046 | .048 | .047 | .046 | .046 | .045 | .045 | .041 | .042 | .040 | .038 | .035 | .032 | .032 | 23 | .048 |
| 28 | .038 | .037 | .034 | BF | .019 | .016 | .017 | .022 | .031 | .035 | .040 | .044 | .044 | .046 | .045 | .042 | .041 | .041 | .038 | .035 | .032 | .033 | .032 | .032 | 23 | .046 |
| 29 | .028 | .026 | .028 | BF | .026 | .025 | .024 | .023 | .025 | .030 | .024 | .022 | AN | .024 | .025 | .025 | .026 | .025 | .026 | .024 | .022 | .023 | .021 | .020 | 22 | .030 |
| 30 | .013 | .009 | .005 | BF | .004 | .004 | .006 | .010 | .012 | .018 | .027 | .035 | .040 | .041 | .040 | .044 | .050 | .045 | .031 | .025 | .019 | .018 | .017 | .015 | 23 | .050 |
| 31 | .019 | .025 | .026 | BF | .023 | .021 | .018 | .019 | .023 | .027 | .034 | .040 | .040 | .040 | .042 | .045 | .040 | .037 | .031 | .024 | .021 | .017 | .014 | .013 | 23 | .045 |
| NO.: | 29 | 29 | 29 | | 29 | 29 | 29 | 29 | 28 | 28 | 28 | 29 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | | |
| MAX: | .038 | .037 | .034 | | .030 | .029 | .026 | .038 | .053 | .058 | .063 | .062 | .065 | .062 | .064 | .060 | .063 | .055 | .047 | .041 | .042 | .040 | .038 | .040 | | |
| AVG: | .0193 | .0187 | .0175 | | .0142 | .0133 | .0136 | .0200 | .0283 | .0350 | .0398 | .0430 | .0459 | .0452 | .0446 | .0451 | .0445 | .0411 | .0352 | .0299 | .0269 | .0235 | .0219 | .0203 | | |

MONTHLY OBSERVATIONS: 663 MONTHLY MEAN: .0298 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-145-0003 POC: 1
 COUNTY: (145) Person
 CITY: (00000) Not in a city
 SITE ADDRESS: SR49
 SITE COMMENTS: 2012 altitude via Google Earth lookup
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.306965
 LONGITUDE: -79.09197
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 198
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .011 | .008 | .010 | BF | .007 | .008 | .006 | .007 | .009 | .008 | .012 | .018 | .021 | .023 | .023 | .022 | .019 | .018 | .019 | .019 | .020 | .020 | .022 | .021 | 23 | .023 | |
| 2 | .019 | .018 | .018 | BF | .017 | .017 | .015 | .014 | .013 | .014 | .014 | .013 | .013 | .014 | .012 | .014 | .011 | .013 | .014 | .011 | .012 | .011 | .010 | .008 | 23 | .019 | |
| 3 | .008 | .009 | .008 | BF | .008 | .008 | .009 | .010 | .017 | .023 | .029 | .032 | .032 | .033 | .033 | .035 | .038 | .035 | .030 | .023 | .024 | .026 | .021 | .014 | 23 | .038 | |
| 4 | .010 | .010 | .008 | BF | .009 | .006 | .007 | .010 | .024 | .027 | .033 | .041 | .045 | .044 | .045 | .046 | .046 | .043 | .028 | .027 | .024 | .021 | .023 | .032 | 23 | .046 | |
| 5 | .032 | .031 | .031 | BF | .028 | .027 | .025 | .028 | .032 | .037 | .042 | .045 | .047 | .047 | .049 | .049 | .047 | .045 | .039 | .038 | .039 | .036 | .035 | .036 | 23 | .049 | |
| 6 | .033 | .032 | .034 | BF | .028 | .026 | .023 | .025 | .032 | .038 | .038 | .027 | .026 | .024 | .022 | .019 | .023 | .022 | .021 | .020 | .023 | .017 | .018 | .018 | 23 | .038 | |
| 7 | .015 | .013 | .012 | BF | .012 | .013 | .013 | .016 | .022 | AO | 8 | .022 | |
| 8 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | .029 | .039 | .041 | .043 | .042 | .042 | .037 | .025 | .023 | .016 | .011 | .006 | .006 | 13 | .043 | |
| 9 | .004 | .006 | .007 | BF | .002 | .001 | .002 | .008 | .021 | .032 | .036 | .038 | .039 | .040 | .042 | .043 | .041 | .038 | .031 | .030 | .030 | .023 | .030 | .028 | 23 | .043 | |
| 10 | .028 | .020 | .013 | BF | .013 | .013 | .013 | .016 | .019 | .021 | .023 | .024 | .024 | .025 | .025 | .024 | .024 | .024 | .021 | .019 | .021 | .023 | .022 | .021 | 23 | .028 | |
| 11 | .019 | .017 | .011 | BF | .017 | .015 | .014 | .017 | .022 | .022 | .023 | .023 | .024 | .025 | .024 | .023 | .023 | .023 | .024 | .027 | .028 | .028 | .028 | .029 | 23 | .029 | |
| 12 | .030 | .030 | .029 | BF | .025 | .024 | .022 | .021 | .020 | .021 | .022 | .021 | .019 | .017 | .017 | .016 | .016 | .016 | .014 | .014 | .014 | .013 | .012 | .010 | 23 | .030 | |
| 13 | .008 | .012 | .010 | BF | .012 | .009 | BA | BA | .018 | .023 | .032 | .036 | .040 | .040 | .039 | .038 | .037 | .033 | .021 | .019 | .017 | .020 | .026 | .027 | 21 | .040 | |
| 14 | .025 | .024 | .026 | BF | .021 | .020 | .020 | .021 | .025 | .033 | .040 | .042 | .045 | .049 | .048 | .050 | .051 | .047 | .042 | .032 | .032 | .031 | .022 | .016 | 23 | .051 | |
| 15 | .020 | .017 | .015 | BF | .006 | .003 | .004 | .009 | .003 | .009 | .030 | .034 | .035 | .035 | .033 | .033 | .035 | .030 | .022 | .021 | .017 | .016 | .011 | .004 | 23 | .035 | |
| 16 | .004 | .005 | .004 | BF | .001 | .001 | .001 | .011 | .020 | .033 | .038 | .038 | .038 | .038 | .040 | .039 | .040 | .037 | .028 | .026 | .027 | .025 | .019 | .013 | 23 | .040 | |
| 17 | .019 | .009 | .009 | BF | .006 | .005 | .004 | .005 | .009 | .016 | .036 | .042 | .042 | .042 | .041 | .045 | .044 | .038 | .033 | .026 | .020 | .016 | .015 | .013 | 23 | .045 | |
| 18 | .017 | .011 | .006 | BF | .007 | .016 | .014 | .014 | .022 | .030 | .036 | .043 | .049 | .045 | .046 | .049 | .047 | .039 | .031 | .025 | .027 | .023 | .016 | .012 | 23 | .049 | |
| 19 | .010 | .009 | .012 | BF | .011 | .012 | .011 | .012 | .014 | .018 | .028 | .031 | .033 | .036 | .043 | .043 | .039 | .027 | .026 | .022 | .018 | .017 | .018 | 23 | .043 | | |
| 20 | .019 | .020 | .029 | BF | .028 | .022 | .018 | .020 | .024 | .033 | .038 | .044 | .048 | .047 | .047 | .048 | .045 | .037 | .035 | .030 | .022 | .019 | .014 | 23 | .048 | | |
| 21 | .015 | .012 | .008 | BF | .008 | .006 | .006 | .011 | .012 | .027 | .042 | .050 | .047 | .044 | .046 | .044 | .023 | .017 | .017 | .011 | .008 | .011 | .011 | .007 | 23 | .050 | |
| 22 | .009 | .008 | .006 | BF | .005 | .004 | .003 | .010 | .020 | .032 | .043 | .044 | .049 | .052 | .052 | .054 | .048 | .038 | .029 | .024 | .014 | .014 | .020 | .011 | 23 | .054 | |
| 23 | .009 | .011 | .010 | BF | .007 | .003 | .002 | .007 | .023 | .034 | .045 | .050 | .051 | .051 | .061 | .056 | .051 | .044 | .037 | .035 | .028 | .027 | .026 | .021 | 23 | .061 | |
| 24 | .019 | .017 | .018 | BF | .011 | .008 | .007 | .013 | .020 | .033 | .040 | .047 | .049 | .051 | .053 | .052 | .045 | .037 | .036 | .031 | .036 | .042 | .033 | .029 | 23 | .053 | |
| 25 | .024 | .019 | .016 | BF | .014 | .010 | .010 | .014 | .026 | .033 | .039 | .043 | .043 | .043 | .044 | .047 | .048 | .045 | .038 | .036 | .037 | .031 | .025 | .019 | 23 | .048 | |
| 26 | .017 | .014 | .014 | BF | .016 | .019 | .017 | .014 | .016 | .017 | .020 | .023 | .027 | .028 | .026 | .028 | .028 | .025 | .019 | .015 | .014 | .017 | .017 | .011 | 23 | .028 | |
| 27 | .010 | .014 | .018 | BF | .018 | .018 | .018 | .022 | .028 | .039 | .036 | .038 | .037 | .040 | .039 | .041 | .040 | .040 | .027 | .020 | .023 | .017 | .026 | .032 | 23 | .041 | |
| 28 | .029 | .030 | .027 | BF | .026 | .030 | .033 | .039 | .045 | .053 | .059 | .065 | .067 | .066 | .064 | .063 | .059 | .055 | .042 | .043 | .043 | .038 | .016 | .026 | 23 | .067 | |
| 29 | .038 | .040 | .041 | BF | .036 | .036 | .033 | .030 | .026 | .030 | .033 | .032 | .036 | .040 | .044 | .046 | .046 | .039 | .031 | .027 | .019 | .018 | .017 | .012 | 23 | .046 | |
| 30 | .012 | .008 | .011 | BF | .018 | .012 | .011 | .014 | .025 | .032 | .034 | .040 | .036 | .040 | .043 | .042 | .039 | .034 | .032 | .033 | .031 | .029 | .026 | .028 | 23 | .043 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| NO.: | 29 | 29 | 29 | | 29 | 29 | 28 | 28 | 29 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | |
| MAX: | .038 | .040 | .041 | | .036 | .036 | .033 | .039 | .045 | .053 | .059 | .065 | .067 | .066 | .064 | .063 | .059 | .055 | .042 | .043 | .043 | .042 | .035 | .036 | | | |
| AVG: | .0177 | .0163 | .0159 | | .0144 | .0135 | .0129 | .0156 | .0209 | .0274 | .0336 | .0363 | .0380 | .0386 | .0394 | .0397 | .0380 | .0343 | .0282 | .0254 | .0240 | .0222 | .0203 | .0185 | | | |

MONTHLY OBSERVATIONS: 663 MONTHLY MEAN: .0257 MONTHLY MAX: .067

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-145-0003 POC: 1
 COUNTY: (145) Person
 CITY: (00000) Not in a city
 SITE ADDRESS: SR49
 SITE COMMENTS: 2012 altitude via Google Earth lookup
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.306965
 LONGITUDE: -79.09197
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 198
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .027 | .026 | .022 | BF | .017 | .015 | .014 | .017 | .021 | .024 | .030 | .035 | .037 | .038 | .039 | .039 | .039 | .036 | .029 | .023 | .021 | .023 | .018 | .014 | 23 | .039 |
| 2 | .013 | .011 | .010 | BF | .004 | .000 | .005 | .007 | .014 | .034 | .038 | .040 | .041 | .042 | .042 | .043 | .042 | .035 | .032 | .026 | .023 | .023 | .024 | .028 | 23 | .043 |
| 3 | .024 | .022 | .024 | BF | .013 | .011 | .008 | .012 | .018 | .030 | .043 | .044 | .046 | .047 | .048 | .047 | .043 | .035 | .034 | .035 | .029 | .032 | .032 | 23 | .048 | |
| 4 | .031 | .026 | .022 | BF | .015 | .012 | .009 | .013 | .015 | .021 | .037 | .046 | .048 | .050 | .052 | .051 | .050 | .037 | .031 | .033 | .030 | .029 | .029 | .031 | 23 | .052 |
| 5 | .025 | .017 | .017 | BF | .002 | .001 | .012 | .025 | .035 | .039 | .046 | .050 | .050 | .050 | .050 | .049 | .047 | .037 | .031 | .027 | .025 | .028 | .029 | .024 | 23 | .050 |
| 6 | .022 | .024 | .025 | BF | .019 | .013 | .009 | .018 | .026 | .032 | .037 | .044 | .044 | .044 | .044 | .044 | .043 | .037 | .029 | .027 | .022 | .022 | .021 | .017 | 23 | .044 |
| 7 | .019 | .019 | .015 | BF | .012 | .011 | .007 | .013 | .022 | .028 | .028 | .030 | .033 | .032 | .032 | .030 | .017 | .013 | .011 | .012 | .012 | .012 | .012 | 23 | .033 | |
| 8 | .011 | .011 | .011 | BF | .008 | .008 | .006 | .006 | .011 | .016 | .018 | .021 | .021 | .021 | .020 | .018 | .017 | .015 | .013 | .012 | .011 | .012 | .012 | .012 | 23 | .021 |
| 9 | .011 | .012 | .012 | BF | .011 | .011 | .010 | .011 | .014 | .017 | .019 | .022 | .023 | .024 | .027 | .029 | .030 | .027 | .020 | .019 | .019 | .014 | .010 | .009 | 23 | .030 |
| 10 | .007 | .005 | .006 | BF | .006 | .004 | .003 | .007 | BA | BA | .025 | .030 | .031 | .034 | .035 | .035 | .033 | .026 | .017 | .012 | .006 | .005 | .007 | .008 | 21 | .035 |
| 11 | .007 | .008 | .009 | BF | .009 | .008 | .003 | .008 | .012 | .018 | .028 | .036 | .040 | .043 | .044 | .044 | .041 | .031 | .022 | .016 | .014 | .008 | .009 | .010 | 23 | .044 |
| 12 | .011 | .011 | .011 | BF | .004 | .005 | .005 | .009 | .012 | .019 | .023 | .030 | .032 | .031 | .031 | .033 | .030 | .028 | .021 | .020 | .020 | .020 | .021 | .023 | 23 | .033 |
| 13 | .023 | .024 | .023 | BF | .018 | .017 | .018 | .018 | .019 | .019 | .022 | .025 | .025 | .024 | .022 | .021 | .020 | .018 | .014 | .008 | .003 | .009 | .012 | 23 | .025 | |
| 14 | .015 | .016 | .018 | BF | .025 | .024 | .026 | .025 | .026 | .027 | .027 | .029 | .031 | .033 | .036 | .038 | .036 | .022 | .021 | .018 | .011 | .013 | .010 | .013 | 23 | .038 |
| 15 | .012 | .010 | .011 | BF | .010 | .010 | .010 | .012 | .015 | .020 | .031 | .035 | .034 | .035 | .037 | .037 | .038 | .036 | .031 | .030 | .028 | .026 | .026 | .025 | 23 | .038 |
| 16 | .023 | .021 | .020 | BF | .019 | .025 | .023 | .024 | .021 | .018 | .023 | .026 | .030 | .032 | .032 | .032 | .033 | .032 | .029 | .027 | .025 | .025 | .026 | .025 | 23 | .033 |
| 17 | .022 | .022 | .020 | BF | .019 | .016 | .016 | .018 | .022 | .026 | .030 | .033 | .033 | .035 | .037 | .038 | .037 | .031 | .030 | .029 | .016 | .015 | .016 | .014 | 23 | .038 |
| 18 | .015 | .011 | .013 | BF | .009 | .006 | .000 | .000 | .019 | .032 | .036 | .040 | .041 | .043 | .045 | .045 | .042 | .026 | .027 | .022 | .022 | .018 | .018 | .018 | 23 | .045 |
| 19 | .017 | .012 | .009 | BF | .010 | .010 | .004 | AZ | .025 | .037 | .044 | .047 | .049 | .050 | .051 | .053 | .052 | .039 | .042 | .038 | .041 | .045 | .041 | .041 | 22 | .053 |
| 20 | .038 | .032 | .018 | BF | .031 | .027 | .026 | .026 | .031 | .037 | .043 | .052 | .057 | .059 | .059 | .058 | .053 | .039 | .044 | .033 | .032 | .030 | .035 | .033 | 23 | .059 |
| 21 | .025 | .015 | .012 | BF | .018 | .021 | .017 | .014 | .024 | .043 | .052 | .060 | .059 | .060 | .063 | .061 | .049 | .039 | .041 | .042 | .041 | .036 | .028 | .023 | 23 | .063 |
| 22 | .022 | .022 | .017 | BF | .015 | .012 | .006 | .012 | .029 | .043 | .052 | .048 | .050 | .053 | .055 | .055 | .057 | .048 | .041 | .040 | .035 | .033 | .037 | .034 | 23 | .057 |
| 23 | .027 | .027 | .024 | BF | .031 | .032 | .033 | .031 | .030 | .029 | .030 | .031 | .033 | .034 | .038 | .040 | .040 | .038 | .033 | .028 | .033 | .034 | .031 | .030 | 23 | .040 |
| 24 | .028 | .026 | .025 | BF | .018 | .014 | .008 | .011 | .016 | .022 | .028 | .029 | .034 | .036 | .037 | .038 | .035 | .023 | .020 | .017 | .021 | .019 | .021 | .026 | 23 | .038 |
| 25 | .026 | .026 | .028 | BF | .028 | .025 | .022 | .022 | .029 | .035 | .037 | .038 | .039 | .041 | .041 | .040 | .040 | .036 | .030 | .029 | .025 | .025 | .024 | .023 | 23 | .041 |
| 26 | .022 | .022 | .021 | BF | .021 | .021 | .022 | .022 | .024 | .027 | .031 | .035 | .038 | .039 | .040 | .041 | .041 | .029 | .025 | .023 | .021 | .023 | .026 | .026 | 23 | .041 |
| 27 | .029 | .031 | .029 | BF | .032 | .031 | .017 | .016 | .031 | .037 | .041 | .045 | .051 | .052 | .051 | .051 | .050 | .048 | .045 | .043 | .043 | .041 | .039 | .038 | 23 | .052 |
| 28 | .036 | .036 | .034 | BF | .030 | .026 | .025 | .025 | .034 | .040 | .042 | .045 | .045 | .045 | .044 | .043 | .042 | .040 | .039 | .036 | .033 | .030 | .029 | .033 | 23 | .045 |
| 29 | .033 | .033 | .031 | BF | .028 | .026 | .027 | .026 | .026 | .026 | .024 | .022 | .017 | .017 | .018 | .017 | .017 | .018 | .018 | .017 | .018 | .018 | .020 | .021 | 23 | .033 |
| 30 | .022 | .022 | .021 | BF | .022 | .022 | .021 | .023 | .026 | .030 | .031 | .033 | .034 | .036 | .036 | .036 | .036 | .030 | .023 | .019 | .021 | .025 | .027 | .028 | 23 | .036 |
| 31 | .027 | .025 | .025 | BF | .016 | .008 | .010 | .014 | .020 | .029 | .038 | .043 | .045 | .048 | .049 | .050 | .043 | .032 | .031 | .031 | .033 | .032 | .031 | .029 | 23 | .050 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .038 | .036 | .034 | | .032 | .032 | .033 | .031 | .035 | .043 | .052 | .060 | .059 | .060 | .063 | .061 | .057 | .048 | .045 | .043 | .043 | .045 | .041 | .041 | | |
| AVG: | .0216 | .0202 | .0188 | | .0168 | .0152 | .0136 | .0162 | .0222 | .0285 | .0332 | .0367 | .0382 | .0396 | .0405 | .0406 | .0391 | .0321 | .0284 | .0257 | .0240 | .0231 | .0232 | .0230 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0270 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-145-0003 POC: 1
 COUNTY: (145) Person
 CITY: (00000) Not in a city
 SITE ADDRESS: SR49
 SITE COMMENTS: 2012 altitude via Google Earth lookup
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.306965
 LONGITUDE: -79.09197
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 198
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .025 | .027 | .027 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .027 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .025 | .027 | .027 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0250 | .0270 | .0270 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0263 MONTHLY MAX: .027

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.6412760009
 LONGITUDE: -77.360126
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 7
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .028 | .026 | .024 | BF | .022 | .023 | .025 | .025 | .026 | .027 | .030 | .033 | .031 | .031 | .031 | .031 | .031 | .030 | .028 | .027 | .034 | .034 | .032 | .030 | 23 | .034 |
| 2 | .030 | .029 | .029 | BF | .031 | .040 | .042 | .039 | .041 | .042 | .043 | .044 | .045 | .045 | .046 | .046 | .045 | .042 | .034 | .029 | .027 | .017 | .013 | .012 | 23 | .046 |
| 3 | .018 | .030 | .032 | BF | .026 | .017 | .015 | .011 | .024 | .038 | .040 | .042 | .044 | .046 | .046 | .048 | .046 | .044 | .042 | .039 | .040 | .038 | .036 | .035 | 23 | .048 |
| 4 | .033 | .032 | .029 | BF | .025 | .025 | .020 | .014 | .025 | .038 | .041 | .043 | .045 | .046 | .046 | .047 | .048 | .047 | .042 | .036 | .025 | .020 | .020 | .017 | 23 | .048 |
| 5 | .013 | .007 | .021 | BF | .035 | .034 | .032 | .034 | .038 | .040 | .041 | .042 | .044 | .046 | .046 | .047 | .047 | .047 | .046 | .037 | .028 | .033 | .037 | .032 | 23 | .047 |
| 6 | .028 | .022 | .023 | BF | .025 | .019 | .016 | .016 | .028 | .042 | .044 | .046 | .049 | .051 | .052 | .052 | .051 | .050 | .046 | .046 | .046 | .045 | .047 | .045 | 23 | .052 |
| 7 | .043 | .041 | .038 | BF | .038 | .039 | .036 | .036 | .041 | .046 | .052 | .053 | .054 | .055 | .052 | .052 | .052 | .050 | .048 | .045 | .044 | .043 | .043 | .042 | 23 | .055 |
| 8 | .042 | .042 | .042 | BF | .039 | .038 | .036 | .034 | .035 | .034 | .034 | .040 | .045 | .048 | .050 | .053 | .054 | .051 | .047 | .034 | .022 | .010 | .025 | .041 | 23 | .054 |
| 9 | .039 | .040 | .038 | BF | .027 | .020 | .003 | .010 | .024 | .035 | .047 | .050 | .052 | .055 | .056 | .056 | .056 | .054 | .051 | .049 | .048 | .047 | .047 | .047 | 23 | .056 |
| 10 | .047 | .047 | .048 | BF | .047 | .047 | .046 | .044 | .042 | .042 | .043 | .049 | .052 | .050 | .046 | .046 | .046 | .044 | .043 | .045 | .045 | .044 | .043 | .042 | 23 | .052 |
| 11 | .043 | .040 | .038 | BF | .034 | .029 | .022 | .031 | .038 | .042 | .044 | .045 | .047 | .048 | .050 | .049 | .049 | .047 | .042 | .038 | .033 | .034 | .030 | .022 | 23 | .050 |
| 12 | .020 | .022 | .029 | BF | .037 | .039 | .038 | .039 | .038 | .025 | .022 | .035 | .040 | .042 | .044 | .046 | .046 | .046 | .042 | .040 | .029 | .028 | .034 | .038 | 23 | .046 |
| 13 | .037 | .036 | .035 | BF | .034 | .012 | .008 | .019 | .039 | .040 | .041 | .042 | .042 | .044 | .044 | .044 | .044 | .042 | .039 | .040 | .038 | .036 | .036 | .035 | 23 | .044 |
| 14 | .034 | .033 | .035 | BF | .036 | .037 | .037 | .037 | .036 | .037 | .038 | .038 | .040 | .040 | .041 | .042 | .041 | .039 | .039 | .039 | .038 | .037 | .036 | .036 | 23 | .042 |
| 15 | .038 | .041 | .042 | BF | .039 | .038 | .038 | .040 | .042 | .043 | .043 | .044 | .045 | .045 | .046 | .046 | .047 | .046 | .045 | .043 | .042 | .040 | .040 | .040 | 23 | .047 |
| 16 | .039 | .038 | .038 | BF | .036 | .033 | .027 | .031 | .038 | .041 | .042 | .044 | .046 | .047 | .048 | .050 | .049 | .048 | .046 | .040 | .027 | .015 | .019 | .018 | 23 | .050 |
| 17 | .022 | .021 | .016 | BF | .014 | .007 | .005 | .012 | .030 | .043 | .046 | .049 | .052 | .054 | .055 | .055 | .055 | .054 | .048 | .050 | .053 | .053 | .054 | .054 | 23 | .055 |
| 18 | .051 | .045 | .047 | BF | .049 | .048 | .046 | .043 | .043 | .040 | .040 | .039 | .039 | .038 | .037 | .036 | .039 | .038 | .035 | .029 | .033 | .034 | .035 | .034 | 23 | .051 |
| 19 | .038 | .038 | .037 | BF | .042 | .036 | .033 | .032 | .029 | .027 | .035 | .038 | .044 | .044 | .045 | .044 | .046 | .044 | .039 | .032 | .022 | .017 | .012 | .006 | 23 | .046 |
| 20 | .006 | .007 | .011 | BF | .010 | .001 | .001 | .011 | .026 | .036 | .040 | .042 | .044 | .047 | .048 | .049 | .051 | .051 | .043 | .033 | .026 | .022 | .040 | .039 | 23 | .051 |
| 21 | .038 | .037 | .037 | BF | .030 | .032 | .033 | .030 | .032 | .038 | .044 | .050 | .055 | .058 | .060 | .060 | .060 | .057 | .046 | .043 | .043 | .048 | .050 | .042 | 23 | .060 |
| 22 | .041 | .040 | .038 | BF | .032 | .032 | .031 | .028 | BA | .028 | .035 | .039 | .045 | .049 | .051 | .052 | .052 | .051 | .047 | .046 | .042 | .040 | .037 | .029 | 22 | .052 |
| 23 | .037 | .032 | .016 | BF | .029 | .031 | .033 | .038 | .044 | .046 | .047 | .048 | .050 | .051 | .051 | .053 | .053 | .052 | .047 | .046 | .044 | .041 | .040 | .037 | 23 | .053 |
| 24 | .035 | .036 | .033 | BF | .030 | .020 | .017 | .023 | .037 | .045 | .046 | .049 | .051 | .051 | .052 | .052 | .050 | .050 | .048 | .047 | .046 | .044 | .042 | .041 | 23 | .052 |
| 25 | .040 | .040 | .040 | BF | .035 | .034 | .030 | .032 | .036 | .041 | .045 | .046 | .046 | .045 | .045 | .044 | .043 | .041 | .042 | .040 | .040 | .040 | .039 | .038 | 23 | .046 |
| 26 | .036 | .035 | .029 | BF | .017 | .013 | .014 | .017 | .027 | .041 | .044 | .045 | .044 | .044 | .044 | .046 | .046 | .046 | .045 | .045 | .040 | .038 | .037 | .036 | 23 | .046 |
| 27 | .035 | .030 | .028 | BF | .019 | .008 | .003 | .018 | .036 | .042 | .045 | .046 | .046 | .047 | .048 | .046 | .046 | .045 | .044 | .045 | .044 | .043 | .041 | .039 | 23 | .048 |
| 28 | .038 | .036 | .034 | BF | .034 | .032 | .030 | .031 | .034 | .033 | .034 | .036 | .039 | .045 | .044 | .046 | .045 | .046 | .046 | .037 | .035 | .029 | .018 | .008 | 23 | .046 |
| 29 | .010 | .008 | .010 | BF | .012 | .003 | .018 | .022 | .023 | .027 | .031 | .036 | .040 | .041 | .042 | .045 | .046 | .045 | .038 | .033 | .028 | .026 | .028 | .031 | 23 | .046 |
| 30 | .027 | .024 | .026 | BF | .020 | .011 | .015 | .022 | .027 | .038 | .041 | .044 | .047 | .050 | .051 | .050 | .050 | .049 | .047 | .045 | .045 | .043 | .042 | .042 | 23 | .051 |
| 31 | .041 | .039 | .039 | BF | .037 | .038 | .036 | .035 | .036 | .039 | .046 | .045 | .043 | .041 | .039 | .040 | .042 | .040 | .036 | .040 | .044 | .040 | .037 | .033 | 23 | .046 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .051 | .047 | .048 | | .049 | .048 | .046 | .044 | .044 | .046 | .052 | .053 | .055 | .058 | .060 | .060 | .060 | .057 | .051 | .050 | .053 | .053 | .054 | .054 | | |
| AVG: | .0331 | .0321 | .0317 | | .0304 | .0270 | .0254 | .0275 | .0338 | .0379 | .0408 | .0433 | .0454 | .0466 | .0470 | .0475 | .0476 | .0463 | .0429 | .0399 | .0371 | .0348 | .0352 | .0336 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0377 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.6412760009
 LONGITUDE: -77.360126
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 7
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .029 | .028 | .026 | BF | .024 | .023 | .022 | .023 | .024 | .028 | .033 | .038 | .043 | .045 | .047 | .047 | .048 | .048 | .042 | .033 | .037 | .038 | .036 | .033 | 23 | .048 | |
| 2 | .036 | .036 | .033 | BF | .031 | .030 | .028 | .031 | .033 | .037 | .040 | .042 | .045 | .047 | .047 | .048 | .047 | .048 | .043 | .038 | .040 | .042 | .042 | .041 | 23 | .048 | |
| 3 | .038 | .035 | .034 | BF | .027 | .019 | .022 | .032 | .037 | .044 | .045 | .046 | .049 | .049 | .046 | .044 | .043 | .044 | .041 | .038 | .038 | .037 | .037 | .037 | 23 | .049 | |
| 4 | .040 | .040 | .039 | BF | .037 | .037 | .036 | .035 | .036 | .038 | .040 | .042 | .045 | .047 | .049 | .051 | .051 | .051 | .050 | .041 | .036 | .039 | .040 | .041 | 23 | .051 | |
| 5 | .039 | .036 | .036 | BF | .028 | .021 | .013 | .023 | .032 | .036 | .044 | .049 | .048 | .045 | .049 | .048 | .043 | .037 | .038 | .037 | .034 | .035 | .034 | .033 | 23 | .049 | |
| 6 | .033 | .026 | .033 | BF | .029 | .036 | .039 | .040 | .039 | .038 | .038 | .044 | .048 | .047 | .046 | .045 | .044 | .044 | .041 | .040 | .039 | .037 | .037 | .039 | 23 | .048 | |
| 7 | .038 | .037 | .038 | BF | .038 | .038 | .036 | .037 | .039 | .038 | .038 | .040 | .040 | .041 | .042 | .045 | .045 | .045 | .043 | .040 | .039 | .042 | .042 | .040 | 23 | .045 | |
| 8 | .037 | .033 | .029 | BF | .022 | .021 | .021 | .032 | .038 | .046 | .049 | .051 | .052 | .055 | .055 | .055 | .057 | .057 | .054 | .047 | .037 | .032 | .023 | .022 | 23 | .057 | |
| 9 | .033 | .032 | .027 | BF | .022 | .017 | .013 | .030 | .037 | .046 | .055 | .059 | .061 | .062 | .062 | .063 | .063 | .063 | .060 | .054 | .055 | .053 | .051 | .050 | 23 | .063 | |
| 10 | .050 | .050 | .047 | BF | .041 | .034 | .024 | .031 | .045 | .050 | .054 | .056 | .057 | .058 | .058 | .057 | .055 | .053 | .049 | .047 | .046 | .046 | .045 | .044 | 23 | .058 | |
| 11 | .043 | .041 | .040 | BF | .037 | .034 | .034 | .038 | .041 | .046 | .049 | .052 | .053 | .053 | .054 | .054 | .052 | .050 | .046 | .044 | .042 | .040 | .039 | .039 | 23 | .054 | |
| 12 | .038 | .036 | .034 | BF | .029 | .028 | .028 | .031 | .036 | .039 | .044 | .047 | .051 | .052 | .054 | .055 | .055 | .055 | .049 | .040 | .045 | .030 | .027 | .019 | 23 | .055 | |
| 13 | .015 | .015 | .013 | BF | .010 | .012 | .010 | .019 | .035 | .044 | .048 | .054 | .057 | .060 | .059 | .057 | .056 | .053 | .052 | .047 | .045 | .046 | .043 | .041 | 23 | .060 | |
| 14 | .039 | .038 | .035 | BF | .026 | .017 | .019 | .030 | .032 | .035 | .035 | .037 | .042 | .048 | .053 | .055 | .054 | .052 | .050 | .047 | .040 | .040 | .039 | .033 | 23 | .055 | |
| 15 | .031 | .029 | .027 | BF | .021 | .016 | .013 | .027 | .045 | .045 | .045 | .045 | .048 | .051 | .052 | .051 | .049 | .049 | .046 | .048 | .048 | .046 | .044 | .044 | 23 | .052 | |
| 16 | .046 | .045 | .043 | BF | .040 | .039 | .038 | .042 | .047 | .051 | .053 | .056 | .058 | .059 | .058 | .059 | .059 | .057 | .055 | .053 | .048 | .046 | .046 | .046 | 23 | .059 | |
| 17 | .046 | .046 | .045 | BF | .041 | .040 | .039 | .041 | .043 | .049 | .052 | .053 | .053 | .053 | .054 | .054 | .054 | .053 | .048 | .042 | .037 | .034 | .032 | .034 | 23 | .054 | |
| 18 | .033 | .030 | .030 | BF | .027 | .026 | .028 | .031 | .035 | .037 | .043 | .048 | .051 | .052 | .051 | .049 | .049 | .048 | .047 | .045 | .042 | .040 | .038 | .038 | 23 | .052 | |
| 19 | .035 | .032 | .030 | BF | .025 | .024 | .023 | .023 | .026 | .030 | .033 | .038 | .043 | .045 | .045 | .045 | .044 | .043 | .040 | .035 | .032 | .029 | .024 | .021 | 23 | .045 | |
| 20 | .019 | .022 | .020 | BF | .013 | .009 | .014 | .026 | AZ | AZ | .043 | .044 | .045 | .048 | .050 | .049 | .053 | .052 | .047 | .039 | .036 | .036 | .033 | .032 | 21 | .053 | |
| 21 | .029 | .031 | .031 | BF | .027 | .024 | .021 | .023 | .030 | .036 | .042 | .047 | .050 | .052 | .053 | .054 | .053 | .051 | .049 | .045 | .041 | .039 | .038 | .039 | 23 | .054 | |
| 22 | .037 | .035 | .032 | BF | .030 | .028 | .027 | .027 | .030 | .037 | .043 | .046 | .047 | .048 | .050 | .051 | .052 | .050 | .039 | .024 | .026 | .030 | .033 | .038 | 23 | .052 | |
| 23 | .036 | .036 | .033 | BF | .026 | .023 | .023 | .023 | .025 | .027 | .030 | .031 | .030 | .029 | .030 | .032 | .032 | .032 | .030 | .029 | .029 | .029 | .029 | .028 | 23 | .036 | |
| 24 | .027 | .026 | .025 | BF | .024 | .023 | .021 | .022 | .023 | .026 | .026 | BA | .030 | .031 | .033 | .032 | .038 | .040 | .038 | .037 | .039 | .040 | .038 | .036 | 22 | .040 | |
| 25 | .035 | .034 | .034 | BF | .056 | .055 | .055 | .053 | .054 | .054 | .056 | .056 | .055 | .053 | .051 | .049 | .045 | .044 | .042 | .040 | .033 | .026 | .028 | .028 | 23 | .056 | |
| 26 | .022 | .023 | .023 | BF | .029 | .027 | .024 | .030 | .031 | .033 | .036 | .037 | .037 | .038 | .040 | .043 | .044 | .044 | .038 | .029 | .027 | .027 | .030 | .033 | 23 | .044 | |
| 27 | .036 | .039 | .042 | BF | .041 | .039 | .038 | .042 | .049 | .054 | .055 | .055 | .055 | .054 | .055 | .057 | .059 | .054 | .048 | .041 | .037 | .036 | .035 | .034 | 23 | .059 | |
| 28 | .032 | .031 | .026 | BF | .020 | .017 | .016 | .019 | .023 | .027 | .029 | .031 | .034 | .036 | .038 | .039 | .040 | .038 | .036 | .032 | .028 | .022 | .021 | .023 | 23 | .040 | |
| 29 | .023 | .025 | .026 | BF | .027 | .026 | .025 | .026 | .028 | .029 | .031 | .031 | .032 | .033 | .034 | .033 | .033 | .032 | .029 | .021 | .019 | .018 | .017 | .017 | 23 | .034 | |
| 30 | .017 | .018 | .017 | BF | .020 | .018 | .019 | .020 | .022 | .024 | .026 | .027 | .027 | .028 | .028 | .027 | .028 | .030 | .028 | .027 | .025 | .022 | .022 | .022 | 23 | .030 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 29 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .050 | .050 | .047 | | .056 | .055 | .055 | .053 | .054 | .054 | .056 | .059 | .061 | .062 | .062 | .063 | .063 | .063 | .060 | .054 | .055 | .053 | .051 | .050 | | | |
| AVG: | .0337 | .0328 | .0316 | | .0289 | .0267 | .0256 | .0302 | .0350 | .0388 | .0418 | .0449 | .0461 | .0472 | .0480 | .0481 | .0481 | .0472 | .0439 | .0391 | .0371 | .0360 | .0348 | .0341 | | | |

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .0382 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.6412760009
 LONGITUDE: -77.360126
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 7
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .020 | .019 | .018 | BF | .016 | .015 | .018 | .022 | .025 | .029 | .032 | .034 | .034 | .034 | .032 | .032 | .029 | .028 | .026 | .025 | .024 | .024 | .024 | .024 | 23 | .034 |
| 2 | .023 | .022 | .021 | BF | .033 | .031 | .030 | .032 | .037 | .044 | .051 | .052 | .053 | .054 | .054 | .054 | .054 | .053 | .049 | .044 | .040 | .037 | .036 | .039 | 23 | .054 |
| 3 | .038 | .034 | .034 | BF | .032 | .031 | .028 | .036 | .043 | .049 | .053 | .054 | .054 | .054 | .055 | .057 | .059 | .056 | .050 | .045 | .046 | .046 | .053 | .052 | 23 | .059 |
| 4 | .048 | .045 | .042 | BF | .039 | .037 | .037 | .041 | .044 | .048 | .054 | .054 | .052 | .049 | .049 | .047 | .045 | .047 | .043 | .044 | .044 | .046 | .044 | .039 | 23 | .054 |
| 5 | .031 | .023 | .019 | BF | .019 | .025 | .030 | .028 | .033 | .038 | .037 | .038 | .039 | .040 | .042 | .045 | .049 | .047 | .045 | .042 | .042 | .042 | .039 | .037 | 23 | .049 |
| 6 | .034 | .033 | .032 | BF | .030 | .028 | .028 | .027 | .026 | .025 | .025 | .025 | .025 | .029 | .035 | .042 | .046 | .046 | .042 | .039 | .035 | .029 | .032 | .035 | 23 | .046 |
| 7 | .035 | .035 | .032 | BF | .029 | .028 | .029 | .031 | .035 | .038 | .041 | .042 | .043 | .046 | .048 | .047 | .047 | .046 | .046 | .041 | .034 | .026 | .020 | .030 | 23 | .048 |
| 8 | .032 | .035 | .029 | BF | .016 | .016 | .017 | .024 | .031 | .042 | .050 | .052 | .057 | .060 | .062 | .061 | .056 | .055 | .051 | .042 | .030 | .031 | .030 | .031 | 23 | .062 |
| 9 | .026 | .018 | .014 | BF | .007 | .004 | .007 | .025 | .041 | .048 | .053 | .053 | .048 | .039 | .041 | .043 | .043 | .042 | .037 | .030 | .023 | .021 | .017 | .019 | 23 | .053 |
| 10 | .024 | .027 | .026 | BF | .022 | .019 | .022 | .026 | .034 | .034 | .043 | .052 | .054 | .053 | .052 | .053 | .055 | .054 | .050 | .039 | .039 | .037 | .041 | .045 | 23 | .055 |
| 11 | .042 | .041 | .041 | BF | .039 | .036 | .032 | .032 | .035 | .038 | .039 | .039 | .042 | .045 | .049 | .052 | .055 | .048 | .035 | .044 | .050 | .044 | .042 | .043 | 23 | .055 |
| 12 | .045 | .045 | .047 | BF | .038 | .034 | .033 | .034 | .034 | .033 | .030 | .029 | .030 | .031 | .031 | .030 | .028 | .027 | .028 | .028 | .025 | .026 | .025 | .025 | 23 | .047 |
| 13 | .024 | .024 | .023 | BF | .022 | .019 | .020 | .022 | .022 | .022 | .024 | .027 | .028 | .030 | .032 | .031 | .030 | .028 | .026 | .024 | .015 | .016 | .015 | .010 | 23 | .032 |
| 14 | .004 | .002 | .003 | BF | .003 | .003 | .009 | .020 | .028 | .034 | .043 | .048 | .053 | .055 | .056 | .058 | .058 | .057 | .055 | .051 | .049 | .047 | .045 | .045 | 23 | .058 |
| 15 | .045 | .044 | .043 | BF | .039 | .036 | .030 | .041 | .045 | .047 | .050 | .053 | .056 | .059 | .058 | .059 | .058 | .054 | .044 | .036 | .030 | .029 | .025 | 23 | .059 | |
| 16 | .023 | .020 | .022 | BF | .020 | .019 | .021 | .032 | .044 | .051 | .056 | .058 | .060 | .063 | .065 | .064 | .059 | .056 | .050 | .046 | .041 | .037 | .040 | .045 | 23 | .065 |
| 17 | .044 | .040 | .036 | BF | .032 | .028 | .029 | .036 | .045 | .052 | .057 | .061 | .063 | .067 | .069 | .066 | .064 | .062 | .057 | .049 | .049 | .049 | .049 | .047 | 23 | .069 |
| 18 | .045 | .041 | .038 | BF | .033 | .031 | .030 | .034 | .041 | .045 | .049 | .052 | .052 | .052 | .052 | .052 | .051 | .052 | .049 | .043 | .040 | .037 | .035 | .035 | 23 | .052 |
| 19 | .034 | .034 | .034 | BF | .031 | .029 | .028 | .030 | .034 | .041 | .044 | .048 | .051 | .052 | .053 | .056 | .058 | .054 | .050 | .042 | .036 | .034 | .031 | .029 | 23 | .058 |
| 20 | .029 | .029 | .027 | BF | .023 | .021 | .023 | .029 | .038 | .045 | .049 | .051 | .052 | .053 | .053 | .051 | .038 | .032 | .030 | .029 | .029 | .028 | .028 | .028 | 23 | .053 |
| 21 | .026 | .027 | .028 | BF | .029 | .029 | .027 | .027 | .027 | .028 | .029 | .031 | .032 | .031 | .031 | .032 | .035 | .036 | .034 | .031 | .026 | .025 | .028 | .028 | 23 | .036 |
| 22 | .026 | .024 | .022 | BF | .016 | .016 | .017 | .024 | .025 | .028 | .031 | .033 | .034 | .037 | .038 | .041 | .041 | .034 | .030 | .028 | .023 | .029 | .029 | .027 | 23 | .041 |
| 23 | .028 | .025 | .022 | BF | .018 | .018 | .015 | .026 | .032 | .030 | .031 | .034 | .032 | .029 | .028 | .027 | .023 | .022 | .022 | .027 | .027 | .026 | .025 | .024 | 23 | .034 |
| 24 | .022 | .021 | .025 | BF | .020 | .018 | .011 | .012 | .018 | .021 | .024 | .027 | .030 | .032 | .029 | .027 | .028 | .025 | .029 | .024 | .029 | .031 | .029 | .027 | 23 | .032 |
| 25 | .026 | .026 | .026 | BF | .026 | .023 | .023 | .025 | .031 | .040 | .043 | BA | .045 | .047 | .047 | .049 | .043 | .042 | .042 | .041 | .039 | .036 | .036 | .036 | 22 | .049 |
| 26 | .035 | .033 | .033 | BF | .033 | .032 | .031 | .035 | .042 | .048 | .052 | .055 | .056 | .058 | .059 | .063 | .064 | .063 | .058 | .054 | .048 | .041 | .028 | .024 | 23 | .064 |
| 27 | .021 | .027 | .036 | BF | .032 | .029 | .029 | .034 | .041 | .049 | .053 | .056 | .059 | .058 | .059 | .063 | .061 | .059 | .058 | .052 | .039 | .036 | .036 | .035 | 23 | .063 |
| 28 | .032 | .027 | .024 | BF | .019 | .017 | .018 | .018 | .026 | .040 | .052 | .053 | .051 | .057 | .059 | .057 | .054 | .049 | .045 | .039 | .032 | .023 | .025 | .030 | 23 | .059 |
| 29 | .029 | .026 | .024 | BF | .019 | .019 | .025 | .033 | .039 | .046 | .049 | .050 | .050 | .054 | .056 | .055 | .055 | .053 | .048 | .041 | .036 | .025 | .021 | .017 | 23 | .056 |
| 30 | .036 | .038 | .032 | BF | .028 | .023 | .021 | .027 | .026 | .031 | .035 | .039 | .041 | .043 | .045 | .046 | .045 | .046 | .043 | .036 | .033 | .030 | .035 | .032 | 23 | .046 |
| 31 | .032 | .030 | .027 | BF | .022 | .019 | .016 | .022 | .025 | .029 | .033 | .038 | .047 | .049 | .044 | .043 | .040 | .040 | .035 | .032 | .025 | .026 | .036 | .040 | 23 | .049 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .048 | .045 | .047 | | .039 | .037 | .037 | .041 | .045 | .052 | .057 | .061 | .063 | .067 | .069 | .066 | .064 | .063 | .058 | .054 | .050 | .049 | .053 | .052 | | |
| AVG: | .0309 | .0295 | .0284 | | .0253 | .0236 | .0237 | .0285 | .0338 | .0385 | .0423 | .0446 | .0459 | .0471 | .0479 | .0485 | .0476 | .0457 | .0425 | .0386 | .0350 | .0327 | .0324 | .0324 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0368 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.6412760009
 LONGITUDE: -77.360126
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 7
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .028 | .024 | .020 | BF | .014 | .012 | .014 | .023 | .036 | .044 | .049 | .055 | .056 | .056 | .057 | .058 | .059 | .057 | .050 | .043 | .037 | .029 | .025 | .026 | 23 | .059 | |
| 2 | .028 | .028 | .027 | BF | .019 | .010 | .017 | .026 | .039 | .050 | .056 | .058 | .059 | .059 | .062 | .062 | .063 | .063 | .057 | .047 | .037 | .030 | .023 | .019 | 23 | .063 | |
| 3 | .021 | .022 | .020 | BF | .009 | .006 | .017 | .032 | .052 | .062 | .063 | .064 | .066 | .068 | .067 | .067 | .068 | .066 | .062 | .053 | .047 | .039 | .035 | .032 | 23 | .068 | |
| 4 | .030 | .035 | .028 | BF | .016 | .010 | .016 | .031 | .045 | .053 | .059 | .061 | .062 | .062 | .062 | .061 | .058 | .049 | .038 | .032 | .029 | .026 | .024 | .022 | 23 | .062 | |
| 5 | .020 | .018 | .016 | BF | .012 | .011 | .013 | .015 | .017 | .020 | .022 | .023 | .022 | .020 | .021 | .020 | .023 | .018 | .018 | .027 | .030 | .027 | .024 | .023 | 23 | .030 | |
| 6 | .026 | .025 | .027 | BF | .026 | .024 | .029 | .031 | .035 | .040 | .041 | .044 | .043 | .046 | .047 | .048 | .051 | .052 | .046 | .036 | .028 | .026 | .034 | .040 | 23 | .052 | |
| 7 | .050 | .050 | .044 | BF | .035 | .030 | .029 | .031 | .037 | .045 | .044 | .043 | .042 | .041 | .039 | .038 | .036 | .033 | .033 | .033 | .032 | .033 | .035 | .036 | 23 | .050 | |
| 8 | .035 | .035 | .034 | BF | .035 | .034 | .031 | .030 | .029 | .029 | .031 | .033 | .033 | .034 | .035 | .033 | .034 | .033 | .033 | .030 | .027 | .018 | .012 | .006 | 23 | .035 | |
| 9 | .004 | .006 | .010 | BF | .011 | .013 | .017 | .028 | .037 | .043 | .047 | .049 | .052 | .055 | .058 | .059 | .060 | .061 | .059 | .052 | .038 | .039 | .039 | .038 | 23 | .061 | |
| 10 | .037 | .036 | .035 | BF | .033 | .030 | .036 | .037 | .040 | .045 | .051 | .057 | .057 | .058 | .057 | .059 | .060 | .059 | .054 | .042 | .044 | .044 | .041 | .039 | 23 | .060 | |
| 11 | .037 | .036 | .034 | BF | .029 | .025 | .029 | .031 | .035 | .040 | .043 | .047 | .051 | .052 | .054 | .054 | .052 | .051 | .040 | .040 | .039 | .039 | .038 | .036 | 23 | .054 | |
| 12 | .034 | .032 | .031 | BF | .032 | .032 | .029 | .031 | .036 | .043 | .049 | .054 | .055 | .054 | .056 | .058 | .058 | .054 | .050 | .043 | .039 | .039 | .039 | .037 | 23 | .058 | |
| 13 | .034 | .033 | .032 | BF | .032 | .031 | .032 | .036 | .040 | .049 | .053 | .049 | .050 | .052 | .055 | .055 | .056 | .054 | .049 | .039 | .037 | .036 | .034 | .033 | 23 | .056 | |
| 14 | .032 | .029 | .026 | BF | .019 | .019 | .023 | .034 | .045 | .050 | .053 | .054 | .055 | .054 | .055 | .059 | .061 | .062 | .053 | .048 | .046 | .045 | .046 | .046 | 23 | .062 | |
| 15 | .042 | .042 | .040 | BF | .029 | .033 | .040 | .043 | .043 | .048 | .049 | .052 | .052 | .055 | .055 | .056 | .057 | .052 | .051 | .046 | .046 | .038 | .029 | .025 | 23 | .057 | |
| 16 | .022 | .019 | .018 | BF | .011 | .011 | .016 | .024 | .032 | .037 | .039 | .039 | .042 | .048 | .044 | .041 | .032 | .030 | .028 | .027 | .024 | .035 | .031 | .031 | 23 | .048 | |
| 17 | .022 | .018 | .017 | BF | .018 | .018 | .017 | .019 | .026 | .030 | .031 | .031 | .030 | .029 | .028 | .028 | .028 | .028 | .026 | .026 | .026 | .026 | .025 | .024 | 23 | .031 | |
| 18 | .025 | .025 | .027 | BF | .025 | .022 | .021 | .024 | .028 | .030 | .033 | .034 | .035 | .035 | .034 | .032 | .030 | .026 | .023 | .021 | .018 | .017 | .015 | .012 | 23 | .035 | |
| 19 | .011 | .012 | .011 | BF | .010 | .010 | .011 | .014 | .018 | .021 | .023 | .025 | .027 | .026 | .026 | .027 | .023 | .023 | .024 | .019 | .015 | .015 | .015 | .014 | 23 | .027 | |
| 20 | .013 | .013 | .013 | BF | .034 | .036 | .033 | .031 | .031 | .031 | .035 | .037 | .035 | .036 | .032 | .033 | .030 | .029 | .025 | .020 | .014 | .013 | .015 | .014 | 23 | .037 | |
| 21 | .014 | .015 | .014 | BF | .013 | .013 | .013 | .028 | .025 | .017 | .018 | .023 | .028 | .030 | .032 | .033 | .035 | .031 | .027 | .022 | .019 | .015 | .016 | .015 | 23 | .035 | |
| 22 | .013 | .011 | .011 | BF | .011 | .009 | .010 | .012 | .016 | .021 | .023 | .023 | .024 | .027 | .028 | .026 | .026 | .023 | .020 | .020 | .018 | .014 | .014 | .014 | 23 | .028 | |
| 23 | .015 | .014 | .011 | BF | .011 | .011 | .010 | .011 | BA | .015 | .018 | .024 | .027 | .026 | .027 | .026 | .027 | .024 | .023 | .021 | .021 | .021 | .019 | .018 | 22 | .027 | |
| 24 | .018 | .019 | .019 | BF | .020 | .020 | .019 | .021 | .025 | .029 | .034 | .037 | .038 | .038 | .038 | .038 | .036 | .030 | .025 | .021 | .025 | .024 | .020 | .018 | 23 | .038 | |
| 25 | .019 | .019 | .019 | BF | .022 | .019 | .021 | .024 | .028 | .029 | .034 | .037 | .044 | .045 | .044 | .044 | .044 | .039 | .037 | .033 | .033 | .031 | .033 | .028 | 23 | .045 | |
| 26 | .026 | .024 | .018 | BF | .019 | .015 | .016 | .027 | .038 | .044 | .047 | .048 | .048 | .051 | .052 | .051 | .051 | .052 | .050 | .041 | .034 | .027 | .030 | .032 | 23 | .052 | |
| 27 | .029 | .028 | .023 | BF | .015 | .017 | .020 | .029 | .039 | .046 | .053 | .051 | .047 | .052 | .054 | .053 | .050 | .044 | .038 | .034 | .033 | .029 | .025 | 23 | .054 | | |
| 28 | .021 | .016 | .011 | BF | .016 | .014 | .021 | .026 | .033 | .039 | .044 | .049 | .049 | .049 | .049 | .050 | .051 | .052 | .048 | .039 | .035 | .036 | .035 | .027 | 23 | .052 | |
| 29 | .024 | .019 | .014 | BF | .006 | .003 | .006 | .025 | .041 | .052 | .056 | .054 | .054 | .056 | .054 | .052 | .054 | .056 | .053 | .042 | .041 | .041 | .039 | .037 | 23 | .056 | |
| 30 | .036 | .033 | .029 | BF | .016 | .012 | .020 | .035 | .039 | .037 | .039 | .040 | .039 | .037 | .034 | .030 | .025 | .025 | .022 | .019 | .017 | .016 | .015 | .015 | 23 | .040 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .050 | .050 | .044 | | .035 | .036 | .040 | .043 | .052 | .062 | .063 | .064 | .066 | .068 | .067 | .067 | .068 | .066 | .062 | .053 | .047 | .045 | .046 | .046 | | | |
| AVG: | .0255 | .0245 | .0226 | | .0199 | .0183 | .0209 | .0270 | .0340 | .0380 | .0412 | .0432 | .0440 | .0448 | .0453 | .0452 | .0450 | .0429 | .0390 | .0341 | .0311 | .0287 | .0278 | .0261 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0334 MONTHLY MAX: .068

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-147-0006 POC: 1
 COUNTY: (147) Pitt
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 SITE COMMENTS: Site relocated in 2016 on same property ~325 m NNW of original lat/long of 35.6386
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 AQCR: (168) NORTHERN COASTAL PLAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: RURAL

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 LONGITUDE: -77.360126
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 7
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .015 | .016 | .014 | BF | .013 | .012 | .015 | .017 | .018 | .019 | .020 | .021 | .022 | .023 | .026 | .029 | .029 | .030 | .029 | .026 | .024 | .022 | .021 | .018 | 23 | .030 |
| 2 | .015 | .015 | .013 | BF | .011 | .016 | .023 | .028 | .035 | .036 | .038 | .041 | .041 | .043 | .044 | .048 | .049 | .047 | .045 | .042 | .037 | .036 | .033 | .029 | 23 | .049 |
| 3 | .029 | .021 | .019 | BF | .013 | .011 | .015 | .027 | .036 | .045 | .049 | .050 | .052 | .050 | .053 | .054 | .040 | .039 | .034 | .027 | .020 | .017 | .016 | .012 | 23 | .054 |
| 4 | .009 | .008 | .007 | BF | .002 | .003 | .006 | .015 | .023 | .028 | .031 | .034 | .034 | .033 | .029 | .026 | .024 | .021 | .018 | .015 | .011 | .010 | .010 | .009 | 23 | .034 |
| 5 | .007 | .009 | .007 | BF | .006 | .003 | .008 | .020 | .027 | .033 | .035 | .038 | .038 | .038 | .031 | .030 | .036 | .032 | .024 | .020 | .029 | .022 | .014 | .018 | 23 | .038 |
| 6 | .031 | .026 | .020 | BF | .014 | .008 | .014 | .023 | .029 | .034 | .039 | .040 | .042 | .043 | .043 | .041 | .043 | .045 | .039 | .037 | .023 | .016 | .008 | .014 | 23 | .045 |
| 7 | .020 | .022 | .021 | BF | .023 | .024 | .025 | .029 | .035 | .038 | .040 | .042 | .043 | .043 | .048 | .049 | .047 | .048 | .049 | .042 | .030 | .029 | .033 | .031 | 23 | .049 |
| 8 | .031 | .028 | .025 | BF | .018 | .018 | .022 | .027 | .033 | .039 | .043 | .046 | .050 | .052 | .054 | .055 | .049 | .045 | .043 | .044 | .041 | .042 | .034 | .035 | 23 | .055 |
| 9 | .031 | .030 | .026 | BF | .018 | .018 | .021 | .024 | .028 | .031 | .034 | .037 | .039 | .040 | .041 | .042 | .040 | .037 | .036 | .036 | .037 | .034 | .035 | .034 | 23 | .042 |
| 10 | .036 | .024 | .019 | BF | .019 | .013 | .016 | .022 | .029 | .037 | .042 | .044 | .050 | .049 | .047 | .039 | .026 | .025 | .030 | .028 | .026 | .025 | .024 | .022 | 23 | .050 |
| 11 | .020 | .021 | .019 | BF | .016 | .016 | .019 | .023 | .030 | .035 | .037 | .039 | .042 | .044 | .045 | .049 | .051 | .049 | .045 | .034 | .025 | .024 | .026 | .025 | 23 | .051 |
| 12 | .026 | .023 | .020 | BF | .015 | .014 | .015 | .019 | .028 | .035 | .036 | .037 | .039 | .041 | .039 | .038 | .038 | .036 | .034 | .029 | .025 | .020 | .017 | .014 | 23 | .041 |
| 13 | .014 | .013 | .011 | BF | .008 | .007 | .008 | .011 | .017 | .031 | .036 | .039 | .044 | .043 | .043 | .041 | .040 | .037 | .032 | .024 | .019 | .016 | .015 | .014 | 23 | .044 |
| 14 | .014 | .013 | .012 | BF | .010 | .009 | .009 | .014 | .023 | .029 | .034 | .040 | .043 | .046 | .049 | .045 | .042 | .038 | .039 | .032 | .023 | .021 | .019 | .016 | 23 | .049 |
| 15 | .016 | .014 | .013 | BF | .011 | .010 | .011 | .017 | .028 | .038 | .043 | .047 | .050 | .052 | .053 | .055 | .056 | .056 | .051 | .041 | .034 | .040 | .038 | .037 | 23 | .056 |
| 16 | .042 | .041 | .036 | BF | .031 | .028 | .027 | .030 | .032 | .034 | .036 | .039 | .039 | .040 | .039 | .030 | .024 | .021 | .014 | .019 | .028 | .041 | .035 | .028 | 23 | .042 |
| 17 | .021 | .014 | .022 | BF | .022 | .017 | .014 | .014 | .017 | .021 | .027 | .029 | .033 | .036 | .035 | .032 | .033 | .035 | .030 | .022 | .022 | .020 | .020 | .020 | 23 | .036 |
| 18 | .018 | .017 | .015 | BF | .007 | .005 | .005 | .007 | .013 | .021 | .031 | .033 | .035 | .033 | .030 | .031 | .035 | .034 | .031 | .027 | .023 | .020 | .021 | .018 | 23 | .035 |
| 19 | .019 | .018 | .012 | BF | .004 | .003 | .008 | .019 | .026 | .031 | .034 | .038 | .040 | .043 | .045 | .043 | .047 | .037 | .035 | .032 | .033 | .028 | .022 | .020 | 23 | .047 |
| 20 | .017 | .015 | .018 | BF | .011 | .008 | .011 | .024 | .033 | .047 | .057 | .060 | .063 | .065 | .061 | .057 | .058 | .055 | .046 | .042 | .038 | .039 | .038 | .035 | 23 | .065 |
| 21 | .032 | .029 | .026 | BF | .020 | .017 | .019 | .026 | .035 | .047 | .059 | .062 | .063 | .061 | .062 | .065 | .066 | .056 | .055 | .048 | .048 | .046 | .044 | .039 | 23 | .066 |
| 22 | .033 | .028 | .025 | BF | .023 | .022 | .022 | .026 | .032 | .038 | .042 | .046 | .049 | .049 | .050 | .051 | .052 | .050 | .046 | .042 | .035 | .033 | .034 | .034 | 23 | .052 |
| 23 | .034 | .032 | .030 | BF | .030 | .029 | .029 | .030 | .032 | .036 | .042 | .048 | .052 | .053 | .053 | .052 | .050 | .043 | .039 | .045 | .051 | .039 | .039 | .037 | 23 | .053 |
| 24 | .034 | .028 | .024 | BF | .023 | .024 | .027 | .029 | .035 | .039 | .036 | .039 | BA | BA | .047 | .050 | .053 | .053 | .050 | .044 | .038 | .035 | .033 | .031 | 21 | .053 |
| 25 | .027 | .022 | .021 | BF | .023 | .021 | .020 | .021 | .027 | .037 | .044 | .048 | .051 | .056 | .054 | .049 | .047 | .044 | .044 | .042 | .040 | .040 | .039 | .036 | 23 | .056 |
| 26 | .031 | .028 | .024 | BF | .025 | .022 | .024 | .028 | .034 | .037 | .038 | .040 | .041 | .042 | .045 | .045 | .043 | .041 | .041 | .039 | .037 | .040 | .040 | .037 | 23 | .045 |
| 27 | .032 | .027 | .021 | BF | .012 | .014 | .014 | .031 | .037 | .041 | .045 | .048 | .049 | .051 | .051 | .052 | .050 | .044 | .041 | .041 | .041 | .037 | .035 | .033 | 23 | .052 |
| 28 | .032 | .031 | .031 | BF | .026 | .023 | .020 | .020 | .024 | .030 | .033 | .039 | .044 | .046 | .043 | .039 | .034 | .032 | .029 | .026 | .028 | .017 | .012 | .022 | 23 | .046 |
| 29 | .019 | .013 | .027 | BF | .019 | .017 | .015 | .014 | .013 | .018 | .024 | .032 | .037 | .038 | .038 | .035 | .033 | .031 | .032 | .032 | .030 | .027 | .025 | .023 | 23 | .038 |
| 30 | .023 | .022 | .019 | BF | .014 | .013 | .014 | .019 | .024 | .030 | .034 | .036 | .037 | .038 | .039 | .040 | .041 | .042 | .042 | .039 | .035 | .032 | .030 | .025 | 23 | .042 |
| 31 | .016 | .011 | .012 | BF | .009 | .008 | .010 | .017 | .026 | .033 | .036 | .038 | .039 | .038 | .037 | .036 | .036 | .036 | .035 | .031 | .027 | .021 | .016 | .011 | 23 | .039 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .042 | .041 | .036 | | .031 | .029 | .029 | .031 | .037 | .047 | .059 | .062 | .063 | .065 | .062 | .065 | .066 | .056 | .055 | .048 | .051 | .046 | .044 | .039 | | |
| AVG: | .0240 | .0213 | .0196 | | .0160 | .0146 | .0163 | .0216 | .0277 | .0338 | .0379 | .0410 | .0434 | .0443 | .0445 | .0436 | .0424 | .0401 | .0375 | .0339 | .0310 | .0287 | .0266 | .0251 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0310 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.6412760009
 LONGITUDE: -77.360126
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 7
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .008 | .007 | .001 | BF | .000 | .000 | .006 | .017 | .029 | .036 | .040 | .041 | .043 | .045 | .044 | .045 | .046 | .049 | .044 | .037 | .030 | .032 | .031 | .029 | 23 | .049 | |
| 2 | .023 | .018 | .015 | BF | .005 | .003 | .006 | .019 | .030 | .039 | .045 | .051 | .050 | .048 | .049 | .046 | .049 | .044 | .036 | .030 | .026 | .028 | .031 | .028 | 23 | .051 | |
| 3 | .025 | .023 | .023 | BF | .022 | .028 | .026 | .027 | .030 | .034 | .043 | .051 | .052 | .046 | .044 | .046 | .043 | .039 | .034 | .034 | .032 | .029 | .028 | .027 | 23 | .052 | |
| 4 | .027 | .021 | .015 | BF | .014 | .011 | .009 | .012 | .032 | .036 | .038 | .042 | .044 | .045 | .045 | .043 | .043 | .043 | .039 | .034 | .030 | .027 | .025 | .024 | 23 | .045 | |
| 5 | .024 | .022 | .021 | BF | .021 | .019 | .018 | .019 | .024 | .032 | .040 | .045 | .048 | .050 | .051 | .051 | .051 | .049 | .047 | .041 | .034 | .036 | .030 | .029 | 23 | .051 | |
| 6 | .026 | .026 | .025 | BF | .026 | .022 | .023 | .027 | .031 | .033 | .034 | .035 | .037 | .038 | .040 | .042 | .042 | .041 | .040 | .033 | .028 | .023 | .019 | .019 | 23 | .042 | |
| 7 | .016 | .014 | .012 | BF | .016 | .016 | .014 | .017 | .017 | .016 | .021 | .028 | .031 | .031 | .033 | .030 | .026 | .022 | .021 | .021 | .021 | .023 | .018 | .015 | 23 | .033 | |
| 8 | .011 | .010 | .013 | BF | .016 | .008 | .008 | .014 | .028 | .024 | .026 | .031 | .033 | .033 | .031 | .030 | .026 | .025 | .023 | .019 | .014 | .016 | .016 | .013 | 23 | .033 | |
| 9 | .022 | .029 | .027 | BF | .018 | .016 | .012 | .018 | .031 | .038 | .043 | .044 | .043 | .041 | .044 | .043 | .043 | .044 | .041 | .039 | .036 | .028 | .021 | .024 | 23 | .044 | |
| 10 | .020 | .013 | .015 | BF | .016 | .020 | .023 | .028 | .032 | .035 | .038 | .040 | .041 | .040 | .041 | .040 | .039 | .034 | .027 | .026 | .022 | .022 | .022 | .022 | 23 | .041 | |
| 11 | .017 | .014 | .014 | BF | .013 | .011 | .011 | .008 | .008 | .015 | .019 | .023 | .024 | .024 | .025 | .024 | .026 | .025 | .021 | .017 | .016 | .016 | .016 | .015 | 23 | .026 | |
| 12 | .014 | .014 | .014 | BF | .010 | .008 | .007 | .006 | .008 | .012 | .019 | .021 | .024 | .024 | .026 | .023 | .018 | .014 | .018 | .021 | .015 | .010 | .006 | .006 | 23 | .026 | |
| 13 | .007 | .005 | .005 | BF | .009 | .008 | .008 | .014 | .021 | .024 | .023 | .020 | .021 | .028 | .030 | .029 | .028 | .026 | .027 | .021 | .019 | .020 | .018 | .016 | 23 | .030 | |
| 14 | .013 | .017 | .020 | BF | .017 | .017 | .016 | .017 | .019 | .022 | .027 | .028 | .025 | .026 | .026 | .023 | .013 | .022 | .022 | .019 | .025 | .022 | .013 | .010 | 23 | .028 | |
| 15 | .007 | .006 | .007 | BF | .011 | .010 | .011 | .013 | .016 | .024 | .031 | .033 | .034 | .033 | .033 | .027 | .020 | .021 | .021 | .015 | .010 | .022 | .028 | .022 | 23 | .034 | |
| 16 | .018 | .018 | .018 | BF | .012 | .013 | .007 | .009 | .020 | .027 | .027 | .030 | .032 | .033 | .034 | .033 | .037 | .033 | .035 | .026 | .019 | .014 | .018 | .015 | 23 | .037 | |
| 17 | .013 | .010 | .009 | BF | .011 | .007 | .008 | .018 | .027 | .031 | .035 | .037 | .039 | .038 | .038 | .039 | .035 | .034 | .027 | .022 | .019 | .020 | .022 | .022 | 23 | .039 | |
| 18 | .021 | .021 | .020 | BF | .024 | .021 | .021 | .024 | .026 | .032 | .038 | .040 | .042 | .042 | .041 | .039 | .034 | .036 | .035 | .034 | .035 | .034 | .032 | .031 | 23 | .042 | |
| 19 | .031 | .029 | .025 | BF | .019 | .015 | .013 | .022 | .030 | .035 | .041 | .044 | .045 | .045 | .046 | .042 | .033 | .030 | .030 | .027 | .023 | .020 | .019 | .017 | 23 | .046 | |
| 20 | .013 | .009 | .008 | BF | .002 | .001 | .002 | .011 | .027 | .040 | .049 | .049 | .047 | .046 | .045 | .046 | .049 | .048 | .040 | .032 | .024 | .022 | .018 | .013 | 23 | .049 | |
| 21 | .008 | .006 | .005 | BF | .002 | .003 | .005 | .010 | .019 | .030 | .034 | .037 | .040 | .039 | .038 | .040 | .041 | .038 | .033 | .027 | .021 | .017 | .013 | .010 | 23 | .041 | |
| 22 | .005 | .005 | .005 | BF | .004 | .004 | .006 | .009 | .011 | .016 | .018 | .022 | .024 | .022 | .020 | .020 | .019 | .020 | .018 | .014 | .013 | .013 | .014 | .015 | 23 | .024 | |
| 23 | .014 | .013 | .012 | BF | .010 | .008 | .008 | .010 | .013 | .025 | .035 | .042 | .050 | .054 | .054 | .054 | .050 | .043 | .046 | .040 | .040 | .040 | .038 | .033 | 23 | .054 | |
| 24 | .031 | .025 | .019 | BF | .019 | .017 | .016 | .016 | .024 | .035 | .043 | .048 | .049 | .047 | .048 | .047 | .044 | .042 | .037 | .034 | .032 | .034 | .034 | .034 | 23 | .049 | |
| 25 | .033 | .030 | .025 | BF | .019 | .019 | .017 | .020 | .028 | .045 | .049 | .048 | .050 | .050 | .048 | .048 | .047 | .042 | .035 | .033 | .032 | .028 | .027 | .026 | 23 | .050 | |
| 26 | .027 | .028 | .026 | BF | .024 | .026 | .029 | .035 | .041 | .045 | .036 | .036 | .041 | .042 | .046 | .049 | .048 | .047 | .042 | .036 | .037 | .035 | .037 | .036 | 23 | .049 | |
| 27 | .032 | .030 | .028 | BF | .027 | .027 | .025 | .031 | .040 | .043 | .046 | .046 | .048 | .049 | .052 | .053 | .053 | .051 | .045 | .041 | .037 | .034 | .032 | .029 | 23 | .053 | |
| 28 | .028 | .028 | .027 | BF | .024 | .028 | .030 | .031 | .034 | .035 | .036 | .037 | .037 | BA | .034 | .032 | .028 | .029 | .030 | .032 | .032 | .030 | .027 | .026 | 22 | .037 | |
| 29 | .023 | .020 | .020 | BF | .019 | .017 | .014 | .013 | .013 | .017 | .018 | .021 | .025 | .028 | .029 | .033 | .040 | .039 | .036 | .032 | .033 | .032 | .029 | .028 | 23 | .040 | |
| 30 | .026 | .025 | .023 | BF | .022 | .023 | .026 | .027 | .028 | .031 | .031 | .036 | .037 | .038 | .039 | .039 | .039 | .039 | .039 | .027 | .019 | .015 | .018 | .020 | .017 | 23 | .039 |
| 31 | .015 | .018 | .017 | BF | .015 | .013 | .011 | .013 | .017 | .023 | .031 | .038 | .045 | .048 | .048 | .048 | .048 | .043 | .034 | .028 | .025 | .020 | .016 | .016 | 23 | .048 | |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | | |
| MAX: | .033 | .030 | .028 | | .027 | .028 | .030 | .035 | .041 | .045 | .049 | .051 | .052 | .054 | .054 | .053 | .051 | .047 | .041 | .040 | .040 | .038 | .036 | | | | |
| AVG: | .0193 | .0179 | .0166 | | .0151 | .0142 | .0141 | .0179 | .0243 | .0300 | .0340 | .0369 | .0387 | .0391 | .0394 | .0388 | .0374 | .0359 | .0326 | .0285 | .0256 | .0247 | .0232 | .0215 | | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0272 MONTHLY MAX: .054

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.6412760009
 LONGITUDE: -77.360126
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 7
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .012 | .010 | .006 | BF | .002 | .002 | .002 | .006 | .018 | .024 | .026 | .028 | .029 | .030 | .034 | .034 | .034 | .033 | .030 | .029 | .027 | .026 | .027 | .027 | 23 | .034 | |
| 2 | .028 | .027 | .025 | BF | .023 | .021 | .018 | .016 | .017 | .020 | .028 | .029 | .029 | .030 | .030 | .032 | .029 | .025 | .027 | .023 | .023 | .019 | .019 | .018 | 23 | .032 | |
| 3 | .019 | .017 | .017 | BF | .011 | .010 | .010 | .016 | .019 | .023 | .024 | .026 | .027 | .030 | .032 | .035 | .037 | .036 | .028 | .021 | .015 | .008 | .003 | .001 | 23 | .037 | |
| 4 | .003 | .002 | .002 | BF | .000 | .000 | .001 | .012 | .025 | .033 | .044 | .047 | .044 | .046 | .046 | .049 | .048 | .044 | .032 | .032 | .036 | .038 | .037 | .036 | 23 | .049 | |
| 5 | .035 | .034 | .031 | BF | .026 | .025 | .022 | .023 | .026 | .029 | .033 | .035 | .035 | .037 | .035 | .036 | .035 | .032 | .029 | .026 | .023 | .025 | .024 | .032 | 23 | .037 | |
| 6 | .039 | .037 | .037 | BF | .034 | .027 | .021 | .022 | .030 | .031 | .030 | .030 | .030 | .030 | .034 | .028 | .028 | .032 | .039 | .034 | .029 | .024 | .022 | .021 | 23 | .039 | |
| 7 | .019 | .016 | .016 | BF | .019 | .016 | .016 | .020 | .024 | .028 | .034 | .039 | .042 | .043 | .043 | .044 | .045 | .043 | .034 | .028 | .019 | .008 | .002 | .000 | 23 | .045 | |
| 8 | .000 | .000 | .000 | BF | .000 | .000 | .002 | .014 | .021 | .027 | .032 | .037 | .038 | .039 | .040 | .040 | .039 | .036 | .031 | .027 | .022 | .011 | .018 | .019 | 23 | .040 | |
| 9 | .013 | .006 | .000 | AT | .003 | .004 | .005 | .016 | .028 | .031 | AT | .040 | .043 | .045 | .043 | .041 | .039 | .038 | .034 | .032 | .031 | .030 | .026 | .024 | 22 | .045 | |
| 10 | .024 | .026 | .026 | BF | .021 | .018 | .019 | .019 | .021 | .023 | .025 | .027 | .028 | .030 | .032 | .031 | .032 | .032 | .029 | .028 | .028 | .026 | .024 | .021 | 23 | .032 | |
| 11 | .021 | .020 | .021 | BF | .022 | .023 | .022 | .022 | .024 | .026 | .026 | .028 | .030 | .030 | .028 | .027 | .027 | .026 | .026 | .027 | .027 | .027 | .029 | .029 | 23 | .030 | |
| 12 | .029 | .029 | .028 | BF | .027 | .025 | .025 | .024 | .022 | .021 | .023 | .023 | .029 | .029 | .030 | .028 | .027 | .028 | .027 | .026 | .025 | .021 | .017 | .016 | 23 | .030 | |
| 13 | .013 | .012 | .014 | BF | .012 | .010 | .008 | .013 | .019 | .025 | .030 | .035 | .036 | .037 | .040 | .041 | .043 | .038 | .029 | .019 | .021 | .027 | .026 | .025 | 23 | .043 | |
| 14 | .023 | .022 | .021 | BF | .020 | .016 | .013 | .017 | .025 | .030 | .037 | .040 | .042 | .044 | .045 | .044 | .042 | .034 | .027 | .025 | .025 | .027 | .026 | .028 | 23 | .045 | |
| 15 | .023 | .020 | .017 | BF | .008 | .006 | .005 | .016 | .027 | .035 | .043 | .049 | .051 | .052 | .053 | .049 | .047 | .042 | .031 | .024 | .015 | .011 | .014 | .010 | 23 | .053 | |
| 16 | .007 | .006 | .004 | BF | .001 | .000 | .000 | .004 | .011 | .022 | .032 | .039 | .044 | .046 | .044 | .044 | .043 | .040 | .034 | .031 | .029 | .028 | .024 | .020 | 23 | .046 | |
| 17 | .018 | .018 | .021 | BF | .024 | .023 | .021 | .019 | .019 | .023 | .023 | .024 | .025 | .023 | .024 | .026 | .027 | .027 | .026 | .023 | .023 | .023 | .017 | .015 | 23 | .027 | |
| 18 | .012 | .012 | .012 | BF | .008 | .007 | .009 | .010 | .011 | .014 | .019 | .021 | .022 | .023 | .026 | .026 | .022 | .021 | .019 | .019 | .017 | .013 | .012 | .012 | 23 | .026 | |
| 19 | .012 | .013 | .015 | BF | .015 | .014 | .013 | .014 | .016 | .020 | .024 | .028 | .030 | .029 | .028 | .026 | .023 | .018 | .014 | .009 | .008 | .005 | .006 | 23 | .030 | | |
| 20 | .003 | .002 | .003 | BF | .006 | .007 | .007 | .013 | .024 | .037 | .052 | .059 | .059 | .057 | .058 | .061 | .054 | .039 | .032 | .025 | .025 | .018 | .011 | .010 | 23 | .061 | |
| 21 | .012 | .007 | .005 | BF | .005 | .003 | .005 | .008 | .024 | .026 | .034 | .039 | .042 | .042 | .041 | .045 | .039 | .033 | .018 | .019 | .021 | .012 | .007 | .004 | 23 | .045 | |
| 22 | .005 | .003 | .001 | AT | .002 | .002 | .001 | .003 | .011 | .031 | .039 | .046 | .047 | .047 | .049 | .051 | .051 | .043 | .034 | .023 | .023 | .027 | .027 | .020 | 23 | .051 | |
| 23 | .016 | .006 | .002 | BF | .006 | .008 | .007 | .015 | .030 | .041 | .050 | .054 | .055 | .053 | .050 | .049 | .048 | .043 | .037 | .034 | .032 | .029 | .023 | .021 | 23 | .055 | |
| 24 | .025 | .021 | .010 | BF | .013 | .010 | .011 | .017 | .022 | .032 | .039 | .044 | .047 | .046 | .045 | .047 | .049 | .046 | .043 | .039 | .037 | .035 | .037 | .034 | 23 | .049 | |
| 25 | .025 | .020 | .019 | BF | .015 | .015 | .017 | .020 | .024 | .024 | .024 | .025 | .024 | .025 | .024 | .024 | .023 | .023 | .023 | .024 | .021 | .019 | .018 | .016 | 23 | .025 | |
| 26 | .016 | .016 | .016 | BF | .013 | .012 | .011 | .011 | .013 | .014 | BA | .016 | .022 | .023 | .022 | .019 | .015 | .014 | .013 | .012 | .012 | .012 | .012 | .012 | 22 | .023 | |
| 27 | .012 | .013 | .013 | BF | .014 | .013 | .012 | .013 | .013 | .016 | .018 | .020 | .025 | .027 | .031 | .033 | .032 | .029 | .025 | .024 | .022 | .019 | .015 | .016 | 23 | .033 | |
| 28 | .016 | .018 | .018 | BF | .019 | .016 | .012 | .022 | .036 | .045 | .052 | .056 | .058 | .060 | .064 | .063 | .064 | .056 | .045 | .033 | .022 | .031 | .041 | .045 | 23 | .064 | |
| 29 | .046 | .043 | .042 | BF | .038 | .032 | .025 | .025 | .025 | .029 | .026 | .027 | .030 | .033 | .033 | .033 | .033 | .033 | .031 | .029 | .026 | .025 | .020 | .019 | 23 | .046 | |
| 30 | .015 | .012 | .011 | BF | .005 | .002 | .004 | .014 | .026 | .033 | .038 | .040 | .041 | .044 | .047 | .046 | .044 | .041 | .037 | .033 | .030 | .028 | .025 | .024 | 23 | .047 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 30 | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .046 | .043 | .042 | | .038 | .032 | .025 | .025 | .036 | .045 | .052 | .059 | .059 | .060 | .064 | .063 | .064 | .056 | .045 | .039 | .037 | .038 | .041 | .045 | | | |
| AVG: | .0180 | .0163 | .0151 | | .0137 | .0122 | .0115 | .0155 | .0217 | .0271 | .0323 | .0350 | .0368 | .0377 | .0384 | .0385 | .0374 | .0343 | .0295 | .0260 | .0238 | .0217 | .0202 | .0193 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0253 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

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

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.6412760009
 LONGITUDE: -77.360126
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 7
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .021 | .018 | .017 | BF | .017 | .016 | .016 | .018 | .020 | .026 | .031 | .034 | .036 | .037 | .038 | .038 | .038 | .035 | .031 | .030 | .029 | .026 | .023 | .024 | 23 | .038 |
| 2 | .023 | .023 | .020 | BF | .016 | .016 | .016 | .020 | .029 | .035 | .038 | .040 | .041 | .041 | .041 | .041 | .042 | .039 | .035 | .032 | .032 | .031 | .029 | .028 | 23 | .042 |
| 3 | .024 | .024 | .024 | BF | .024 | .023 | .023 | .027 | .035 | .042 | .046 | .044 | .044 | .046 | .047 | .048 | .045 | .041 | .037 | .034 | .032 | .029 | .026 | .024 | 23 | .048 |
| 4 | .021 | .019 | .018 | BF | .009 | .006 | .008 | .011 | .021 | .029 | .034 | .037 | .038 | .040 | .042 | .039 | .038 | .036 | .029 | .021 | .014 | .014 | .008 | .008 | 23 | .042 |
| 5 | .016 | .017 | .013 | BF | .008 | .005 | .003 | .005 | .019 | .035 | .043 | .044 | .045 | .044 | .042 | .041 | .041 | .037 | .030 | .027 | .024 | .021 | .021 | .015 | 23 | .045 |
| 6 | .010 | .005 | .001 | BF | .001 | .000 | .000 | .005 | .015 | .030 | .036 | .037 | .038 | .037 | .037 | .036 | .032 | .028 | .026 | .023 | .021 | .017 | .013 | .009 | 23 | .038 |
| 7 | .006 | .007 | .006 | BF | .008 | .007 | .005 | .008 | .015 | .023 | .026 | .025 | .026 | .025 | .023 | .023 | .023 | .022 | .023 | .022 | .019 | .017 | .017 | 23 | .026 | |
| 8 | .019 | .020 | .020 | BF | .019 | .016 | .014 | .016 | .019 | .019 | .019 | .019 | .019 | .019 | .020 | .021 | .019 | .018 | .017 | .016 | .014 | .013 | .012 | .011 | 23 | .021 |
| 9 | .010 | .012 | .012 | BF | .014 | .016 | .016 | .016 | .017 | .018 | .017 | .019 | .018 | .017 | .017 | .015 | .014 | .012 | .010 | .012 | .012 | .011 | .011 | .011 | 23 | .019 |
| 10 | .010 | .009 | .009 | BF | .008 | .007 | .006 | .009 | .012 | .017 | .018 | .023 | .026 | .030 | .031 | .028 | .019 | .016 | .015 | .013 | .014 | .013 | .009 | .009 | 23 | .031 |
| 11 | .009 | .009 | .010 | BF | .011 | .011 | .010 | .010 | .013 | .015 | .015 | .017 | .015 | .019 | .022 | .020 | .020 | .016 | .008 | .011 | .012 | .012 | .013 | .012 | 23 | .022 |
| 12 | .011 | .010 | .009 | BF | .008 | .007 | .005 | .006 | .009 | .019 | .022 | .023 | .031 | .033 | .035 | .036 | .034 | .027 | .025 | .026 | .026 | .026 | .025 | .024 | 23 | .036 |
| 13 | .023 | .020 | .020 | BF | .022 | .023 | .023 | .023 | .023 | .021 | .026 | .030 | .031 | .027 | .030 | .028 | .025 | .022 | .021 | .021 | .021 | .019 | .018 | .016 | 23 | .031 |
| 14 | .016 | .016 | .014 | BF | .013 | .013 | .012 | .013 | .012 | .014 | .014 | .015 | .016 | .020 | .020 | .021 | .020 | .021 | .019 | .018 | .018 | .018 | .013 | .011 | 23 | .021 |
| 15 | .013 | .018 | .016 | BF | .011 | .009 | .006 | .009 | .023 | .029 | .032 | .033 | .036 | .037 | .038 | .039 | .038 | .033 | .029 | .026 | .024 | .021 | .017 | .017 | 23 | .039 |
| 16 | .016 | .014 | .012 | BF | .014 | .012 | .010 | .010 | .014 | .020 | .024 | .025 | .023 | .024 | .023 | .020 | .021 | .018 | .013 | .013 | .016 | .015 | .016 | .017 | 23 | .025 |
| 17 | .016 | .014 | .015 | BF | .015 | .012 | .011 | .013 | .017 | .019 | .025 | .030 | .034 | .035 | .036 | .037 | .037 | .032 | .025 | .025 | .028 | .024 | .021 | .015 | 23 | .037 |
| 18 | .011 | .011 | .008 | BF | .006 | .002 | .002 | .010 | .021 | .029 | .034 | .036 | .037 | .039 | .041 | .040 | .039 | .033 | .028 | .022 | .018 | .014 | .015 | .013 | 23 | .041 |
| 19 | .011 | .005 | .004 | BF | .002 | .000 | .000 | .004 | .016 | .028 | .033 | .038 | .042 | .044 | .042 | .040 | .030 | .017 | .009 | .004 | .001 | .000 | .000 | 23 | .044 | |
| 20 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .003 | .018 | .031 | .036 | .041 | .047 | .053 | .054 | .054 | .051 | .043 | .031 | .021 | .012 | .008 | .009 | .005 | 23 | .054 |
| 21 | .005 | .004 | .002 | BF | .000 | .001 | .000 | .002 | .012 | .031 | .049 | .057 | .060 | .060 | .060 | .061 | .056 | .048 | .040 | .030 | .035 | .032 | .026 | .021 | 23 | .061 |
| 22 | .017 | .014 | .009 | BF | .005 | .007 | .015 | .022 | .027 | .042 | .053 | .058 | .058 | .056 | .054 | .052 | .051 | .048 | .047 | .042 | .037 | .036 | .033 | .028 | 23 | .058 |
| 23 | .027 | .021 | .018 | BF | .010 | .007 | .011 | .016 | .024 | .038 | .044 | .046 | .045 | .043 | .041 | .036 | .033 | .030 | .027 | .026 | .026 | .027 | .029 | .027 | 23 | .046 |
| 24 | .026 | .025 | .027 | BF | .027 | .025 | .026 | .023 | .028 | .032 | .035 | .036 | .038 | .044 | .046 | .046 | .041 | .036 | .029 | .016 | .017 | .021 | .023 | .023 | 23 | .046 |
| 25 | .022 | .022 | .021 | BF | .019 | .019 | .019 | .021 | .023 | .026 | .031 | .035 | .039 | .041 | .042 | .043 | .042 | .037 | .033 | .027 | .023 | .018 | .024 | .024 | 23 | .043 |
| 26 | .021 | .018 | .018 | BF | .020 | .018 | .011 | .017 | .019 | .020 | .022 | .026 | .031 | .036 | .038 | .040 | .039 | .033 | .021 | .012 | .008 | .006 | .001 | .000 | 23 | .040 |
| 27 | .000 | .000 | .000 | BF | .000 | .000 | .000 | .001 | .010 | .032 | .039 | .044 | .045 | .046 | .046 | .045 | .040 | .038 | .033 | .031 | .031 | .026 | .021 | 23 | .046 | |
| 28 | .017 | .012 | .012 | BF | .006 | .005 | .004 | .007 | .021 | .029 | .031 | .034 | .042 | .042 | .041 | .040 | .038 | .033 | .030 | .029 | .027 | .028 | .028 | .030 | 23 | .042 |
| 29 | .032 | .033 | .030 | BF | .025 | .027 | .026 | .023 | .024 | .027 | .027 | .030 | .031 | .033 | .033 | .031 | .031 | .028 | .018 | .017 | .018 | .018 | .018 | .018 | 23 | .033 |
| 30 | .018 | .018 | .019 | BF | .018 | .016 | .014 | .016 | .019 | .023 | .026 | .029 | .031 | .032 | .033 | .033 | .031 | .024 | .016 | .012 | .015 | .015 | .021 | .023 | 23 | .033 |
| 31 | .022 | .019 | .018 | BF | .017 | .017 | .009 | .009 | .019 | .025 | .030 | .037 | .043 | .047 | .050 | .051 | .044 | .033 | .025 | .011 | .008 | .006 | .006 | .002 | 23 | .051 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .032 | .033 | .030 | | .027 | .027 | .026 | .027 | .035 | .042 | .053 | .058 | .060 | .060 | .060 | .061 | .056 | .048 | .047 | .042 | .037 | .036 | .033 | .030 | | |
| AVG: | .0159 | .0147 | .0136 | | .0120 | .0111 | .0104 | .0127 | .0192 | .0266 | .0308 | .0336 | .0357 | .0370 | .0376 | .0370 | .0351 | .0306 | .0255 | .0220 | .0206 | .0190 | .0178 | .0162 | | |

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .0233 MONTHLY MAX: .061

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-147-0006 POC: 1
 COUNTY: (147) Pitt STATE: (37) North Carolina
 CITY: (00000) Not in a city AOCR: (168) NORTHERN COASTAL PLAIN
 SITE ADDRESS: 403 Government Circle URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 SITE COMMENTS: Site relocated in 2016 on same property ~325 m NNW of original lat/long of 35.6386 LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.6412760009
 LONGITUDE: -77.360126
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 7
 PROBE HEIGHT: 3.81

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .000 | .000 | .000 | BF | | | | | | | | | | | | | | | | | | | | | 3 | 0.000 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | 0.000 | 0.000 | 0.000 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | 0.0000 | 0.0000 | 0.0000 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: 0.0000 MONTHLY MAX: 0.000

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3.71

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .034 | .030 | .028 | BF | .024 | .023 | .024 | .024 | .025 | .028 | .030 | .033 | .034 | .034 | .035 | .036 | .036 | .033 | .026 | .033 | .033 | .030 | .029 | .027 | 23 | .036 |
| 2 | .031 | .043 | .043 | BF | .040 | .039 | .040 | .039 | .040 | .041 | .041 | .043 | .045 | .046 | .046 | .047 | .047 | .047 | .046 | .045 | .042 | .041 | .042 | .042 | 23 | .047 |
| 3 | .041 | .040 | .041 | BF | .039 | .039 | .033 | .029 | .038 | .042 | .044 | .044 | .046 | .046 | .045 | .045 | .044 | .045 | .043 | .043 | .041 | .039 | .036 | .035 | 23 | .046 |
| 4 | .038 | .035 | .038 | BF | .034 | .037 | .038 | .030 | .038 | .040 | .042 | .042 | .044 | .046 | .047 | .048 | .048 | .046 | .043 | .035 | .040 | .044 | .043 | .036 | 23 | .048 |
| 5 | .037 | .039 | .036 | BF | .036 | .036 | .036 | .033 | .037 | .040 | .042 | .044 | .046 | .047 | .049 | .051 | .052 | .049 | .044 | .045 | .039 | .039 | .041 | .041 | 23 | .052 |
| 6 | .040 | .038 | .039 | BF | .037 | .030 | .027 | .029 | .034 | .036 | .041 | .044 | .048 | .052 | .052 | .050 | .049 | .050 | .048 | .039 | .039 | .037 | .036 | .039 | 23 | .052 |
| 7 | .043 | .044 | .043 | BF | .041 | .041 | .041 | .040 | .042 | .043 | .045 | .047 | .049 | .051 | .052 | .051 | .052 | .050 | .049 | .046 | .043 | .042 | .042 | .041 | 23 | .052 |
| 8 | .040 | .038 | .037 | BF | .039 | .038 | .039 | .041 | .043 | .046 | .048 | .048 | .050 | .052 | .052 | .054 | .054 | .052 | .049 | .050 | .045 | .047 | .046 | .043 | 23 | .054 |
| 9 | .045 | .045 | .046 | BF | .045 | .045 | .039 | .029 | .043 | .044 | .048 | .050 | .053 | .055 | .056 | .057 | .058 | .058 | .055 | .053 | .051 | .050 | .046 | .044 | 23 | .058 |
| 10 | .042 | .043 | .040 | BF | .037 | .038 | .038 | .035 | .040 | .046 | .047 | .042 | .047 | .048 | .048 | .047 | .047 | .048 | .047 | .046 | .047 | .047 | .045 | .045 | 23 | .048 |
| 11 | .043 | .042 | .042 | BF | .041 | .040 | .039 | .038 | .038 | .040 | .042 | .044 | .046 | .045 | .049 | .050 | .049 | .049 | .047 | .044 | .042 | .041 | .042 | .039 | 23 | .050 |
| 12 | .040 | .038 | .038 | BF | .041 | .041 | .042 | .042 | .041 | .041 | .043 | .045 | .046 | .048 | .049 | .049 | .050 | .049 | .043 | .043 | .043 | .040 | .042 | .043 | 23 | .050 |
| 13 | .041 | .038 | .034 | BF | .028 | .030 | .030 | .030 | .035 | .041 | .043 | .044 | .046 | .046 | .045 | .043 | .041 | .038 | .038 | .038 | .038 | .037 | .038 | .039 | 23 | .046 |
| 14 | .039 | .038 | .038 | BF | .035 | .033 | .028 | .030 | .030 | .032 | .035 | .036 | .038 | .040 | .042 | .042 | .042 | .041 | .039 | .039 | .041 | .042 | .043 | .043 | 23 | .043 |
| 15 | .042 | .043 | .042 | BK | .042 | .042 | .042 | .044 | .044 | .044 | .045 | .045 | .046 | .046 | .047 | .046 | .046 | .045 | .043 | .042 | .042 | .041 | .041 | 23 | .047 | |
| 16 | .040 | .041 | .040 | BF | .040 | .039 | .037 | .039 | .039 | .041 | .044 | .046 | .048 | .049 | .050 | .051 | .051 | .050 | .048 | .047 | .045 | .046 | .044 | .042 | 23 | .051 |
| 17 | .043 | .043 | .043 | BF | .045 | .023 | .016 | .029 | BA | .043 | .043 | .044 | .049 | .048 | .050 | .053 | .053 | .053 | .050 | .051 | .049 | .047 | .038 | .035 | 22 | .053 |
| 18 | .035 | .036 | .034 | .033 | .034 | .033 | .032 | .033 | .034 | .036 | .029 | .035 | .042 | .046 | .049 | .050 | .051 | .048 | .049 | .048 | .041 | .036 | .038 | .036 | 24 | .051 |
| 19 | .035 | .032 | .028 | .025 | .024 | .023 | .023 | .023 | .025 | .029 | .032 | .034 | .035 | .038 | .039 | .041 | .041 | .040 | .039 | .037 | .036 | .035 | .033 | .031 | 24 | .041 |
| 20 | .029 | .028 | .027 | .024 | .025 | .012 | .007 | .019 | .030 | .029 | .027 | .034 | .038 | .043 | .045 | .048 | .048 | .047 | .045 | .038 | .041 | .044 | .041 | .042 | 24 | .048 |
| 21 | .044 | .042 | .042 | .038 | .035 | .034 | .027 | .031 | .022 | AX | AX | AX | AX | AX | .054 | .054 | .054 | .054 | .051 | .049 | .049 | .047 | .045 | .043 | 19 | .054 |
| 22 | .043 | .036 | .035 | .037 | .038 | .039 | .035 | .043 | .043 | .045 | .046 | .049 | .049 | .052 | .055 | .057 | .056 | .055 | .052 | .047 | .046 | .047 | .046 | .044 | 24 | .057 |
| 23 | .042 | .041 | .042 | .041 | .037 | .037 | .037 | .038 | .042 | .046 | .048 | .049 | .050 | .052 | .054 | .054 | .052 | .053 | .049 | .045 | .049 | .045 | .046 | .046 | 24 | .054 |
| 24 | .046 | .046 | .044 | BF | .041 | .039 | .036 | .039 | .041 | .042 | .045 | .048 | .049 | .051 | .054 | .054 | .052 | .055 | .056 | .051 | .047 | .046 | .046 | .046 | 23 | .056 |
| 25 | .045 | .045 | .045 | BF | .042 | .041 | .038 | .038 | .042 | .046 | .049 | .050 | .051 | .052 | .053 | .055 | .055 | .052 | .050 | .042 | .044 | .041 | .040 | .038 | 23 | .055 |
| 26 | .038 | .040 | .039 | BF | .036 | .032 | .032 | .033 | .036 | .041 | .045 | .046 | .045 | .046 | .045 | .041 | .038 | .031 | .027 | .026 | .025 | .024 | .023 | .027 | 23 | .046 |
| 27 | .036 | .036 | .034 | BF | .034 | .033 | .029 | .031 | .034 | .037 | .037 | .039 | .043 | .046 | .049 | .053 | .052 | .050 | .044 | .045 | .041 | .040 | .038 | .038 | 23 | .053 |
| 28 | .037 | .035 | .036 | BF | .040 | .041 | .037 | .042 | .042 | .042 | .044 | .042 | .045 | .051 | .053 | .054 | .055 | .054 | .054 | .051 | .050 | .046 | .047 | .048 | 23 | .055 |
| 29 | .047 | .047 | .046 | BF | .036 | .025 | .017 | .038 | .041 | .044 | .046 | .046 | .050 | .051 | .051 | .053 | .056 | .056 | .051 | .050 | .048 | .045 | .043 | .043 | 23 | .056 |
| 30 | .039 | .036 | .033 | BF | .034 | .034 | .031 | .031 | .036 | .035 | .039 | .040 | .041 | .044 | .045 | .044 | .046 | .047 | .046 | .046 | .044 | .041 | .040 | .037 | 23 | .047 |
| 31 | .037 | .044 | .045 | BF | .040 | .038 | .035 | .036 | .038 | .045 | .046 | .046 | .048 | .051 | .047 | .042 | .037 | .042 | .038 | .036 | .034 | .031 | .030 | .028 | 23 | .051 |
| NO.: | 31 | 31 | 31 | 6 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .047 | .047 | .046 | .041 | .045 | .045 | .042 | .044 | .044 | .046 | .049 | .050 | .053 | .055 | .056 | .057 | .058 | .058 | .056 | .053 | .051 | .050 | .047 | .048 | | |
| AVG: | .0397 | .0394 | .0386 | .0330 | .0368 | .0347 | .0324 | .0341 | .0371 | .0402 | .0419 | .0433 | .0456 | .0474 | .0486 | .0490 | .0488 | .0480 | .0455 | .0436 | .0424 | .0413 | .0403 | .0394 | | |

MONTHLY OBSERVATIONS: 713 MONTHLY MEAN: .0416 MONTHLY MAX: .058

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3.71

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .027 | .025 | .024 | BF | .025 | .028 | .030 | .031 | .034 | .037 | .039 | .041 | .042 | .043 | .044 | .045 | .044 | .043 | .041 | .037 | .034 | .034 | .036 | .036 | 23 | .045 |
| 2 | .031 | .032 | .030 | BF | .028 | .028 | .028 | .029 | .031 | .033 | .035 | .039 | .042 | .045 | .046 | .046 | .046 | .048 | .048 | .045 | .043 | .040 | .040 | .039 | 23 | .048 |
| 3 | .041 | .039 | .037 | BF | .031 | .031 | .030 | .034 | .036 | .039 | .040 | .043 | .045 | .047 | .046 | .041 | .043 | .042 | .042 | .035 | .033 | .035 | .037 | .037 | 23 | .047 |
| 4 | .037 | .037 | .035 | BF | .033 | .030 | .026 | .027 | .030 | .036 | .043 | .048 | .050 | .052 | .053 | .054 | .055 | .054 | .053 | .049 | .050 | .050 | .051 | .050 | 23 | .055 |
| 5 | .049 | .049 | .046 | BF | .039 | .022 | .018 | .039 | .038 | .042 | .045 | .047 | .046 | .046 | .046 | .042 | .047 | .045 | .041 | .039 | .041 | .043 | .043 | .040 | 23 | .049 |
| 6 | .039 | .039 | .037 | BF | .030 | .028 | .027 | .031 | .036 | .036 | .034 | .035 | .036 | .040 | .037 | .037 | .035 | .033 | .037 | .037 | .031 | .036 | .035 | .031 | 23 | .040 |
| 7 | .040 | .040 | .042 | BF | .042 | .043 | .042 | .041 | .041 | .041 | .042 | .043 | .043 | .044 | .045 | .045 | .043 | .043 | .042 | .043 | .046 | .044 | .038 | .041 | 23 | .046 |
| 8 | .041 | .040 | .037 | BF | .038 | .040 | .025 | .034 | .041 | .047 | .050 | .050 | .053 | .054 | .054 | .055 | .055 | .056 | .056 | .052 | .051 | .051 | .048 | .049 | 23 | .056 |
| 9 | .050 | .048 | .039 | BF | .039 | .028 | .028 | .035 | .042 | .049 | .054 | .057 | .060 | .065 | .065 | .066 | .066 | .065 | .067 | .062 | .059 | .053 | .051 | .051 | 23 | .067 |
| 10 | .050 | .050 | .050 | BF | .049 | .048 | .046 | .048 | .053 | .056 | .058 | .059 | .061 | .064 | .067 | .069 | .068 | .066 | .064 | .060 | .052 | .050 | .047 | .046 | 23 | .069 |
| 11 | .046 | .046 | .044 | BF | .040 | .039 | .036 | .039 | .042 | .046 | .050 | .055 | .059 | .062 | .064 | .066 | .069 | .068 | .065 | .060 | .052 | .048 | .047 | .046 | 23 | .069 |
| 12 | .045 | .046 | .044 | BF | .037 | .032 | .030 | .031 | .031 | .036 | .043 | .049 | .056 | .059 | .061 | .058 | .056 | .054 | .050 | .043 | .049 | .050 | .048 | .046 | 23 | .061 |
| 13 | .044 | .045 | .043 | BF | .041 | .041 | .041 | .043 | BA | .052 | .055 | .057 | .060 | .060 | .061 | .062 | .063 | .063 | .060 | .060 | .058 | .056 | .052 | .051 | 22 | .063 |
| 14 | .048 | .046 | .045 | BF | .039 | .042 | .045 | .044 | .047 | .050 | .049 | .051 | .052 | .054 | .057 | .060 | .061 | .060 | .048 | .036 | .044 | .040 | .037 | .032 | 23 | .061 |
| 15 | .032 | .033 | .030 | BF | .022 | .011 | .020 | .028 | .037 | .045 | .050 | .054 | .058 | .059 | .058 | .058 | .060 | .059 | .057 | .055 | .053 | .051 | .051 | .050 | 23 | .060 |
| 16 | .047 | .046 | .047 | BF | .047 | .046 | .045 | .044 | .046 | .049 | .052 | .055 | .056 | .056 | .055 | .054 | .053 | .052 | .051 | .049 | .046 | .045 | .042 | .042 | 23 | .056 |
| 17 | .041 | .039 | .038 | BF | .038 | .036 | .034 | .036 | .039 | .044 | .049 | .051 | .053 | .054 | .043 | .037 | .034 | .033 | .031 | .023 | .034 | .040 | .036 | .034 | 23 | .054 |
| 18 | .030 | .027 | .024 | BF | .023 | .030 | .031 | .032 | .034 | .036 | .040 | .042 | .043 | .045 | .048 | .048 | .048 | .048 | .045 | .044 | .046 | .046 | .046 | .046 | 23 | .048 |
| 19 | .045 | .045 | .044 | BF | .041 | .040 | .040 | .038 | .035 | .033 | .035 | .034 | .034 | .033 | .032 | .032 | .032 | .031 | .027 | .024 | .021 | .018 | .024 | .028 | 23 | .045 |
| 20 | .027 | .022 | .022 | BF | .025 | .022 | .020 | .021 | .022 | .026 | .029 | .033 | .041 | .048 | .053 | .056 | .044 | .046 | .040 | .037 | .035 | .037 | .040 | .038 | 23 | .056 |
| 21 | .034 | .031 | .029 | BF | .022 | .020 | .017 | .024 | .027 | .027 | .027 | .041 | .044 | .045 | .048 | .045 | .043 | .042 | .033 | .035 | .034 | .033 | .026 | .027 | 23 | .048 |
| 22 | .031 | .032 | .029 | BF | .036 | .030 | .024 | .021 | .023 | .032 | .038 | .044 | .045 | .047 | .049 | .038 | .035 | .033 | .029 | .028 | .029 | .033 | .038 | .043 | 23 | .049 |
| 23 | .043 | .037 | .029 | BF | .028 | .028 | .027 | .026 | .024 | .023 | .024 | .023 | .022 | .020 | .021 | .022 | .022 | .026 | .026 | .024 | .022 | .024 | .022 | .022 | 23 | .043 |
| 24 | .023 | .025 | .026 | BF | .027 | .027 | .027 | .030 | .029 | .028 | .029 | .029 | .028 | .028 | .029 | .028 | .027 | .026 | .025 | .025 | .026 | .026 | .027 | .029 | 23 | .030 |
| 25 | .029 | .030 | .029 | BF | .029 | .029 | .029 | .030 | .030 | .031 | .031 | .032 | .032 | .032 | .031 | .031 | .030 | .027 | .027 | .024 | .017 | .011 | .011 | .014 | 23 | .032 |
| 26 | .010 | .008 | .009 | BF | .008 | .005 | .008 | .013 | .022 | .029 | .031 | .035 | .042 | .046 | .047 | .049 | .051 | .051 | .045 | .034 | .037 | .029 | .023 | .027 | 23 | .051 |
| 27 | .028 | .030 | .033 | BF | .034 | .030 | .029 | .033 | .038 | .047 | .055 | .059 | .060 | .061 | .055 | .051 | .046 | .043 | .040 | .035 | .031 | .025 | .025 | .025 | 23 | .061 |
| 28 | .023 | .019 | .014 | BF | .013 | .010 | .007 | .011 | .018 | .026 | .038 | .046 | .053 | .052 | .056 | .057 | .052 | .048 | .044 | .041 | .039 | .036 | .033 | .027 | 23 | .057 |
| 29 | .023 | .028 | .027 | BF | .026 | .026 | .028 | .027 | .025 | .026 | .029 | .032 | .036 | .038 | .038 | .040 | .039 | .036 | .037 | .035 | .032 | .029 | .025 | .025 | 23 | .040 |
| 30 | .025 | .023 | .020 | BF | .018 | .020 | .021 | .022 | .023 | .026 | .027 | .029 | .029 | .030 | .031 | .030 | .027 | .027 | .026 | .023 | .023 | .024 | .024 | .024 | 23 | .031 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .050 | .050 | .050 | | .049 | .048 | .046 | .048 | .053 | .056 | .058 | .059 | .061 | .065 | .067 | .069 | .069 | .068 | .067 | .062 | .059 | .056 | .052 | .051 | | |
| AVG: | .0360 | .0352 | .0334 | | .0316 | .0297 | .0286 | .0314 | .0336 | .0376 | .0407 | .0438 | .0460 | .0476 | .0480 | .0474 | .0465 | .0455 | .0432 | .0399 | .0390 | .0378 | .0368 | .0365 | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0390 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3.71

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .023 | .023 | .023 | BF | .023 | .023 | .021 | .023 | .023 | .023 | .024 | .025 | .025 | .027 | .028 | .026 | .025 | .034 | .032 | .031 | .029 | .028 | .030 | .031 | 23 | .034 | |
| 2 | .029 | .029 | .028 | BF | .042 | .048 | .045 | .047 | .048 | .049 | .048 | .050 | .051 | .052 | .052 | .050 | .050 | .052 | .053 | .051 | .041 | .044 | .040 | .042 | 23 | .053 | |
| 3 | .040 | .035 | .037 | BF | .038 | .034 | .036 | .036 | .046 | .049 | .050 | .051 | .051 | .052 | .053 | .053 | .053 | .050 | .037 | .042 | .049 | .049 | .042 | .042 | 23 | .053 | |
| 4 | .043 | .040 | .038 | BF | .035 | .031 | .032 | .033 | .036 | .038 | .042 | .050 | .052 | .051 | .050 | .046 | .043 | .038 | .033 | .029 | .026 | .029 | .033 | .034 | 23 | .052 | |
| 5 | .031 | .027 | .033 | BF | .036 | .035 | .034 | .033 | .037 | .045 | .046 | .046 | .045 | .046 | .046 | .045 | .043 | .042 | .038 | .037 | .035 | .033 | .031 | .029 | 23 | .046 | |
| 6 | .028 | .025 | .023 | BF | .022 | .019 | .024 | .034 | .035 | .034 | .039 | .043 | .045 | .045 | .045 | .044 | .039 | .040 | .036 | .037 | .036 | .035 | .035 | .033 | 23 | .045 | |
| 7 | .032 | .029 | .029 | BF | .025 | .024 | .024 | .027 | .035 | .038 | .041 | .044 | .047 | .047 | .048 | .049 | .050 | .052 | .051 | .047 | .046 | .045 | .040 | .044 | 23 | .052 | |
| 8 | .043 | .041 | .035 | BF | .029 | .026 | .030 | .036 | .047 | .054 | .055 | .056 | .059 | .060 | .062 | .060 | .061 | .062 | .060 | .055 | .048 | .040 | .044 | .030 | 23 | .062 | |
| 9 | .041 | .039 | .046 | BF | .034 | .028 | .021 | .018 | .019 | .024 | .026 | .026 | .027 | .036 | .043 | .041 | .037 | .035 | .030 | .023 | .009 | .010 | .017 | .017 | 23 | .046 | |
| 10 | .015 | .014 | .012 | BF | .011 | .009 | .008 | .016 | .028 | .035 | .044 | .057 | .062 | .063 | .061 | .060 | .061 | .062 | .053 | .041 | .050 | .045 | .038 | .045 | 23 | .063 | |
| 11 | .048 | .035 | .027 | BF | .022 | .022 | .019 | .016 | .015 | .022 | .037 | .041 | .044 | .044 | .050 | .054 | .050 | .043 | .034 | .045 | .033 | .034 | .024 | .027 | 23 | .054 | |
| 12 | .032 | .033 | .035 | BF | .037 | .037 | .035 | .034 | BA | .032 | .033 | .034 | .031 | .030 | .028 | .026 | .025 | .023 | .022 | .021 | .019 | .021 | .020 | .018 | 22 | .037 | |
| 13 | .018 | .018 | .021 | BF | .022 | .022 | .022 | .024 | .024 | .024 | .025 | .024 | .024 | .028 | .030 | .031 | .032 | .030 | .026 | .021 | .030 | .036 | .032 | .025 | 23 | .036 | |
| 14 | .019 | .012 | .015 | BF | .025 | .025 | .027 | .031 | .035 | .046 | .048 | .048 | .051 | .053 | .055 | .057 | .056 | .055 | .051 | .046 | .048 | .047 | .044 | .040 | 23 | .057 | |
| 15 | .024 | .033 | .035 | BF | .042 | .036 | .034 | .047 | .054 | .056 | .057 | .057 | .058 | .058 | .060 | .060 | .059 | .053 | .038 | .035 | .036 | .046 | .043 | .041 | 23 | .060 | |
| 16 | .041 | .046 | .045 | BF | .031 | .024 | .023 | .030 | .038 | .046 | .052 | .054 | .056 | .059 | .064 | .073 | .070 | .070 | .061 | .038 | .039 | .042 | .044 | .040 | 23 | .073 | |
| 17 | .041 | .038 | .041 | BF | .038 | .034 | .034 | .040 | .045 | .053 | .058 | .061 | .065 | .063 | .066 | .072 | .065 | .062 | .057 | .049 | .049 | .049 | .045 | .044 | 23 | .072 | |
| 18 | .044 | .044 | .042 | BF | .037 | .035 | .031 | .034 | .037 | .041 | .044 | .048 | .049 | .048 | .047 | .051 | .054 | .058 | .050 | .036 | .040 | .041 | .037 | .036 | 23 | .058 | |
| 19 | .038 | .039 | .040 | BF | .035 | .032 | .029 | .033 | .037 | .043 | .049 | .049 | .050 | .054 | .048 | .038 | .034 | .027 | .024 | .015 | .013 | .010 | .010 | .007 | 23 | .054 | |
| 20 | .004 | .007 | .007 | BF | .019 | .019 | .019 | .023 | .029 | .035 | .035 | .035 | .049 | .048 | .049 | .053 | .054 | .055 | .043 | .041 | .037 | .035 | .031 | .038 | 23 | .055 | |
| 21 | .038 | .035 | .031 | BF | .025 | .024 | .022 | .022 | .021 | .021 | .020 | .021 | .022 | .023 | .023 | .022 | .020 | .019 | .017 | .016 | .015 | .015 | .015 | .016 | 23 | .038 | |
| 22 | .016 | .017 | .016 | BF | .019 | .020 | .018 | .021 | .021 | .023 | .027 | .030 | .031 | .031 | .033 | .033 | .025 | .022 | .015 | .011 | .008 | .007 | .009 | .011 | 23 | .033 | |
| 23 | .025 | .034 | .033 | BF | .031 | .029 | .026 | .023 | .020 | .026 | .037 | .033 | .028 | .026 | .024 | .023 | .022 | .022 | .030 | .039 | .035 | .033 | .033 | .031 | .028 | 23 | .039 |
| 24 | .025 | .025 | .024 | BF | .022 | .020 | .019 | .020 | .021 | .020 | .019 | .017 | .018 | .025 | .024 | .022 | .022 | .030 | .039 | .035 | .033 | .033 | .031 | .028 | 23 | .039 | |
| 25 | .038 | .042 | .045 | BF | .038 | .036 | .031 | .032 | .031 | .034 | .036 | .037 | .041 | .045 | .045 | .041 | .041 | .040 | .041 | .041 | .041 | .040 | .040 | .037 | 23 | .045 | |
| 26 | .028 | .036 | .035 | BF | .031 | .031 | .029 | .029 | .039 | .044 | .053 | .054 | .055 | .055 | .055 | .055 | .054 | .053 | .047 | .040 | .030 | .035 | .043 | .039 | 23 | .055 | |
| 27 | .036 | .034 | .034 | BF | .029 | .030 | .028 | .031 | .035 | .034 | .049 | .047 | .052 | .052 | .047 | .043 | .043 | .044 | .041 | .043 | .046 | .043 | AV | AV | 21 | .052 | |
| 28 | AV | AV | AV | AV | AV | AV | AV | AV | .030 | .035 | .038 | .045 | .046 | .049 | .050 | .043 | .041 | .046 | .043 | .037 | .037 | .039 | .037 | .034 | 16 | .050 | |
| 29 | .032 | .035 | .038 | BF | .034 | .034 | .033 | .025 | .034 | .042 | .044 | .048 | .049 | .049 | .049 | .045 | .038 | .029 | .031 | .039 | .041 | .036 | .027 | .023 | 23 | .049 | |
| 30 | .027 | .030 | .025 | BF | .020 | .019 | .017 | .022 | .020 | .013 | .031 | .036 | .039 | .039 | .045 | .046 | .050 | .049 | .044 | .039 | .046 | .041 | .038 | .036 | 23 | .050 | |
| 31 | .036 | .032 | .027 | BF | .020 | .018 | .017 | .025 | .035 | .045 | .047 | .051 | .052 | .054 | .061 | .055 | .054 | .049 | AV | AV | AV | AV | AV | AV | 17 | .061 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 29 | 29 | | | |
| MAX: | .048 | .046 | .046 | | .042 | .048 | .045 | .047 | .054 | .056 | .058 | .061 | .065 | .063 | .066 | .073 | .070 | .070 | .061 | .055 | .050 | .049 | .045 | .045 | | | |
| AVG: | .0312 | .0309 | .0307 | | .0291 | .0275 | .0263 | .0288 | .0325 | .0363 | .0405 | .0425 | .0443 | .0455 | .0465 | .0457 | .0442 | .0434 | .0392 | .0357 | .0347 | .0346 | .0327 | .0315 | | | |

MONTHLY OBSERVATIONS: 697 MONTHLY MEAN: .0364 MONTHLY MAX: .073

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3.71

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | AV | 2 | .018 |
| 2 | .017 | .016 | .016 | BF | .018 | .021 | .035 | .046 | .052 | .056 | .057 | .056 | .056 | .056 | .057 | .057 | .055 | .043 | .036 | .038 | .021 | .027 | .033 | .033 | 23 | .057 | |
| 3 | .033 | .032 | .030 | BF | .024 | .024 | .031 | .037 | .042 | .050 | .054 | .057 | .058 | .057 | .056 | .053 | .040 | .032 | .028 | .022 | .029 | .033 | .025 | 23 | .058 | | |
| 4 | .026 | AI | .029 | BF | .018 | .021 | .034 | .035 | .039 | .049 | .053 | .052 | .048 | .045 | .047 | .046 | .045 | .037 | .036 | .033 | .028 | .027 | .029 | .028 | 22 | .053 | |
| 5 | .031 | .030 | .032 | BF | .033 | .030 | .024 | .024 | .024 | .022 | .023 | .027 | .031 | .032 | .034 | .037 | .043 | .047 | .042 | .038 | .033 | .031 | .026 | .024 | 23 | .047 | |
| 6 | .022 | .020 | .019 | BF | .022 | .015 | .021 | .030 | AZ | .043 | .049 | .048 | .049 | .051 | .050 | .052 | .049 | .046 | .042 | .037 | .035 | .036 | .035 | .033 | 22 | .052 | |
| 7 | .033 | .031 | .029 | BF | .028 | .026 | .026 | .029 | .034 | BA | BA | .040 | .040 | .041 | .041 | .041 | .040 | .040 | .039 | .037 | .035 | .035 | .034 | .033 | 21 | .041 | |
| 8 | .034 | .033 | .031 | BF | .027 | .023 | .024 | .030 | .032 | .036 | .038 | .040 | .040 | .041 | .043 | .044 | .043 | .043 | .041 | .025 | .022 | .025 | .025 | .022 | 23 | .044 | |
| 9 | .022 | .018 | .019 | BF | .019 | .016 | .018 | .024 | .026 | .036 | .044 | .049 | .048 | .048 | .049 | .052 | .051 | .051 | .045 | .032 | .024 | .022 | .023 | .029 | 23 | .052 | |
| 10 | .028 | .027 | .023 | BF | .021 | .018 | .024 | .032 | .025 | .049 | .054 | .054 | .055 | .057 | .059 | .058 | .057 | .058 | .055 | .040 | .033 | .037 | .042 | .040 | 23 | .059 | |
| 11 | .036 | .038 | .039 | BF | .035 | .031 | .028 | .028 | .023 | .043 | .051 | .057 | .061 | .053 | .052 | .052 | .053 | .051 | .052 | .045 | .046 | .038 | .035 | .034 | 23 | .061 | |
| 12 | .031 | .030 | .033 | BF | .033 | .028 | .025 | .022 | .025 | .028 | .033 | .049 | .055 | .057 | .057 | .056 | .056 | .059 | .053 | .049 | .045 | .040 | .036 | .033 | 23 | .059 | |
| 13 | .031 | .027 | .028 | BF | .025 | .022 | .022 | .016 | .023 | .034 | .043 | .046 | .050 | .054 | .054 | .045 | .038 | .038 | .037 | .031 | .029 | .029 | .027 | .026 | 23 | .054 | |
| 14 | .021 | .017 | .013 | BF | .012 | .010 | .012 | .016 | .025 | .031 | .033 | .042 | .046 | .048 | .048 | .049 | .049 | .051 | .048 | .048 | .039 | .032 | .031 | .025 | 23 | .051 | |
| 15 | .020 | .016 | .014 | BF | .015 | .009 | .010 | .025 | .041 | .048 | .053 | .053 | .054 | .056 | .065 | .061 | .055 | .051 | .040 | .034 | .047 | .040 | .031 | .034 | 23 | .065 | |
| 16 | .040 | .035 | .038 | BF | .028 | .025 | .026 | .026 | .025 | .031 | .036 | .039 | .039 | .049 | .055 | .048 | .049 | .050 | .037 | .036 | .034 | .033 | .037 | .040 | 23 | .055 | |
| 17 | .039 | .034 | .031 | BF | .019 | .018 | .023 | .020 | .019 | .025 | .030 | .032 | .036 | .040 | .042 | .042 | .043 | .044 | .038 | .033 | .039 | .032 | .033 | .034 | 23 | .044 | |
| 18 | .031 | .027 | .028 | BF | .025 | .022 | .022 | .024 | .027 | .035 | .037 | .037 | .037 | .038 | .039 | .038 | .036 | .032 | .031 | .028 | .028 | .026 | .032 | .030 | 23 | .039 | |
| 19 | .032 | .032 | .030 | BF | .023 | .019 | .017 | .017 | .021 | .027 | .034 | .036 | .039 | .038 | .037 | .035 | .033 | .031 | .032 | .030 | .030 | .023 | .019 | .020 | 23 | .039 | |
| 20 | .020 | .022 | .022 | BF | .017 | .013 | .011 | .016 | .024 | .029 | .035 | .038 | .041 | .048 | .049 | .046 | .042 | .038 | .032 | .030 | .031 | .033 | .033 | .030 | 23 | .049 | |
| 21 | .027 | .025 | .022 | BF | .018 | .017 | .020 | .021 | .024 | .027 | .031 | .037 | .042 | .048 | .046 | .044 | .047 | .044 | .036 | .034 | .032 | .027 | .024 | .021 | 23 | .048 | |
| 22 | .016 | .013 | .011 | BF | .005 | .005 | .005 | .007 | .006 | .017 | .031 | .035 | .032 | .031 | .030 | .028 | .028 | .028 | .027 | .022 | .018 | .015 | .012 | .008 | 23 | .035 | |
| 23 | .007 | .010 | .012 | BF | .014 | .017 | .014 | .014 | .015 | .018 | .023 | .025 | .026 | .029 | .031 | .029 | .026 | .024 | .025 | .023 | .022 | .023 | .024 | .023 | 23 | .031 | |
| 24 | .022 | .021 | .020 | BF | .018 | .004 | .013 | .012 | .019 | .031 | .035 | .039 | .044 | .034 | .031 | .022 | .020 | .024 | .024 | .021 | .015 | .016 | .010 | .007 | 23 | .044 | |
| 25 | .009 | .005 | .009 | BF | .019 | .019 | .022 | .030 | .031 | .033 | .036 | .034 | .037 | .037 | .036 | .032 | .028 | .024 | .024 | .018 | .017 | .018 | .016 | .015 | 23 | .037 | |
| 26 | .014 | .024 | .018 | BF | .025 | .023 | .023 | .026 | .032 | .040 | .047 | .049 | .049 | .047 | .046 | .047 | .047 | .042 | .038 | .028 | .025 | .030 | .028 | .028 | 23 | .049 | |
| 27 | .030 | .028 | .025 | BF | .013 | .018 | .020 | .022 | .033 | .038 | .042 | .043 | .044 | .043 | .040 | .037 | .043 | .045 | .039 | .029 | .018 | .018 | .022 | .025 | 23 | .045 | |
| 28 | .020 | .022 | .017 | BF | .024 | .020 | .025 | .029 | .032 | .038 | .041 | .043 | .046 | .047 | .047 | .050 | .052 | .052 | .049 | .046 | .038 | .034 | .031 | .033 | 23 | .052 | |
| 29 | .036 | .039 | .038 | BF | .032 | .027 | .029 | .032 | .042 | .051 | .054 | .055 | .058 | .062 | .060 | .061 | .061 | .057 | .052 | .047 | .044 | .045 | .047 | .049 | 23 | .062 | |
| 30 | .045 | .041 | .039 | BF | .032 | .028 | .027 | .027 | .033 | .035 | .038 | .039 | .035 | .035 | .035 | .037 | .032 | .025 | .020 | .015 | .013 | .011 | .013 | .017 | 23 | .045 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 29 | 28 | 29 | | 29 | 29 | 29 | 29 | 28 | 28 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 30 | 30 | | | |
| MAX: | .045 | .041 | .039 | | .035 | .031 | .035 | .046 | .052 | .056 | .057 | .057 | .061 | .062 | .065 | .061 | .061 | .059 | .055 | .049 | .047 | .045 | .047 | .049 | | | |
| AVG: | .0267 | .0255 | .0247 | | .0221 | .0196 | .0218 | .0247 | .0284 | .0357 | .0405 | .0431 | .0447 | .0456 | .0461 | .0449 | .0439 | .0419 | .0380 | .0329 | .0298 | .0287 | .0280 | .0270 | | | |

MONTHLY OBSERVATIONS: 665 MONTHLY MEAN: .0332 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
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 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
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 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3.71

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .016 | .017 | .015 | BF | .014 | .012 | .011 | .011 | .013 | .018 | .024 | .027 | .032 | .035 | .031 | .027 | .032 | .032 | .032 | .033 | .029 | .027 | .026 | .023 | 23 | .035 |
| 2 | .023 | .018 | .016 | BF | .010 | .009 | .017 | .025 | .030 | .035 | .038 | .039 | .041 | .042 | .045 | .045 | .040 | .035 | .032 | .029 | .029 | .028 | .025 | .027 | 23 | .045 |
| 3 | .027 | .023 | .021 | BF | .016 | .023 | .020 | .027 | .034 | .041 | .042 | .044 | .043 | .043 | .043 | .041 | .033 | .026 | .022 | .032 | .037 | .036 | .028 | 23 | .044 | |
| 4 | .023 | .023 | .020 | BF | .013 | .010 | .013 | .023 | .033 | .032 | .035 | .039 | .042 | .052 | .058 | .055 | .037 | .028 | .024 | .027 | .025 | .025 | .029 | .023 | 23 | .058 |
| 5 | .014 | .014 | .019 | BF | .014 | .013 | .016 | BA | BA | .031 | .038 | .039 | .039 | .039 | .039 | .038 | .039 | .042 | .036 | .030 | .027 | .020 | .014 | .013 | 21 | .042 |
| 6 | .010 | .011 | .009 | BF | .006 | .011 | .024 | .022 | .016 | .026 | .035 | .036 | .032 | .034 | .031 | .032 | .036 | .034 | .035 | .030 | .022 | .023 | .024 | .021 | 23 | .036 |
| 7 | .018 | .016 | .013 | BF | .009 | .009 | .011 | .009 | .025 | .033 | .035 | .038 | .038 | .041 | .043 | .042 | .042 | .042 | .040 | .036 | .024 | .031 | .030 | .031 | 23 | .043 |
| 8 | .022 | .025 | .024 | BF | .022 | .021 | .022 | .027 | .032 | .039 | .039 | .047 | .047 | .049 | .053 | .042 | .046 | .042 | .043 | .042 | .031 | .023 | .015 | .017 | 23 | .053 |
| 9 | .014 | .016 | .015 | BF | .006 | .007 | .014 | .021 | .026 | .035 | .039 | .045 | .045 | .044 | .046 | .046 | .046 | .044 | .040 | .034 | .031 | .028 | .019 | .021 | 23 | .046 |
| 10 | .017 | .014 | .011 | BF | .008 | .005 | .008 | .030 | .030 | .035 | .036 | .053 | .062 | .061 | .057 | .056 | .062 | .068 | .053 | .046 | .041 | .036 | .029 | .025 | 23 | .068 |
| 11 | .027 | .025 | .020 | BF | .015 | .015 | .016 | .017 | .014 | .022 | .047 | .057 | .054 | .058 | .052 | .053 | .055 | .056 | .050 | .040 | .044 | .044 | .035 | .030 | 23 | .058 |
| 12 | .028 | .025 | AV | AV | AV | .017 | .023 | .035 | .046 | .053 | .058 | .060 | .061 | .060 | .055 | .052 | .052 | .044 | .041 | .033 | .027 | .030 | .031 | .020 | 20 | .061 |
| 13 | .026 | .024 | .022 | BF | .016 | .012 | .015 | .023 | .033 | .045 | .050 | .055 | .060 | .054 | .059 | .048 | .036 | .028 | .022 | .018 | .013 | .010 | .009 | .010 | 23 | .060 |
| 14 | .016 | .022 | .014 | BF | .011 | .011 | .016 | .022 | .027 | .031 | .042 | .046 | .048 | .046 | .038 | .042 | .035 | .032 | .030 | .027 | .018 | .010 | .010 | .014 | 23 | .048 |
| 15 | .015 | .017 | .015 | BF | .015 | .012 | .018 | .022 | .026 | .035 | .043 | .045 | .043 | .044 | .045 | .046 | .046 | .035 | .028 | .037 | .032 | .027 | .026 | .024 | 23 | .046 |
| 16 | .021 | .020 | .012 | BF | .019 | .019 | .022 | .028 | .032 | .036 | .040 | .041 | .043 | .045 | .048 | .053 | .050 | .048 | .034 | .023 | .020 | .025 | .024 | .020 | 23 | .053 |
| 17 | .020 | .016 | .013 | BF | .009 | .005 | .012 | .014 | .020 | .034 | .048 | .057 | .059 | .062 | .061 | .058 | .055 | .042 | .034 | .027 | .034 | .024 | .021 | .021 | 23 | .062 |
| 18 | .016 | .012 | .011 | BF | .010 | .008 | .010 | .015 | .023 | .032 | .049 | .060 | .061 | .062 | .065 | .065 | .057 | .051 | .041 | .050 | .045 | .035 | .029 | .022 | 23 | .065 |
| 19 | .020 | .026 | .021 | BF | .019 | .013 | .016 | .022 | .029 | .041 | .056 | .059 | .073 | .060 | .054 | .060 | .055 | .053 | .048 | .037 | .035 | .032 | .032 | .030 | 23 | .073 |
| 20 | .029 | .026 | .018 | BF | .017 | .019 | .021 | .023 | .034 | .036 | .038 | .047 | .049 | .051 | .056 | .077 | .086 | .077 | .059 | .045 | .046 | .033 | .034 | .033 | 23 | .086 |
| 21 | .028 | .022 | .017 | BF | .017 | .015 | .017 | .028 | .035 | .043 | .050 | .049 | .048 | .050 | .050 | .046 | .041 | .042 | .040 | .030 | .023 | .017 | .014 | .020 | 23 | .050 |
| 22 | .018 | .018 | .016 | BF | .012 | .011 | .013 | .021 | .032 | .042 | .050 | .052 | .050 | .052 | .052 | .062 | .052 | .045 | .048 | .045 | .037 | .034 | .032 | .033 | 23 | .062 |
| 23 | .034 | .029 | .024 | BF | .025 | .025 | .024 | .023 | .025 | .033 | .042 | .043 | .056 | .052 | .051 | .049 | .043 | .055 | .048 | .041 | .034 | .030 | .036 | .035 | 23 | .056 |
| 24 | .029 | .027 | .030 | BF | .021 | .020 | .020 | .020 | .025 | .033 | .042 | .047 | .051 | .054 | .053 | .053 | .051 | .050 | .044 | .035 | .039 | .038 | .039 | .033 | 23 | .054 |
| 25 | .030 | .028 | .025 | BF | .012 | .016 | .026 | .034 | .043 | .049 | .052 | .053 | .052 | .051 | AV | AV | AV | AV | AV | .040 | .037 | .035 | .029 | .033 | 18 | .053 |
| 26 | .033 | .031 | .033 | BF | .035 | .035 | .030 | .029 | .032 | .041 | .046 | .047 | .048 | .049 | .054 | .059 | .059 | .058 | .050 | .035 | .031 | .024 | .020 | .018 | 23 | .059 |
| 27 | .017 | .021 | .025 | BF | .028 | .031 | .032 | .032 | .035 | .043 | .049 | .051 | .052 | .053 | .053 | .052 | .044 | .045 | .041 | .034 | .027 | .022 | .017 | .013 | 23 | .053 |
| 28 | .013 | .012 | .015 | BF | .011 | .009 | .009 | .018 | .024 | .025 | .029 | .042 | .050 | .043 | .043 | .029 | .034 | .024 | .027 | .028 | .022 | .019 | .017 | .016 | 23 | .050 |
| 29 | .013 | .014 | .010 | BF | .014 | .021 | .024 | .033 | .038 | .040 | .043 | .043 | .044 | .048 | .041 | .039 | .038 | .037 | .035 | .036 | .033 | .030 | .026 | .025 | 23 | .048 |
| 30 | .023 | .020 | .014 | BF | .012 | .012 | .019 | .023 | .028 | .032 | .035 | .036 | .037 | .037 | .037 | .038 | .039 | .038 | .036 | .026 | .020 | .025 | .026 | .023 | 23 | .039 |
| 31 | .015 | .014 | .014 | BF | .007 | .005 | .008 | .021 | .028 | .036 | .041 | .043 | .043 | .047 | .049 | .046 | .045 | .045 | .036 | .019 | .023 | .016 | .018 | .020 | 23 | .049 |
| NO.: | 31 | 31 | 30 | | 30 | 30 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .034 | .031 | .033 | | .035 | .035 | .032 | .034 | .043 | .049 | .056 | .060 | .073 | .062 | .065 | .077 | .086 | .077 | .059 | .050 | .046 | .044 | .039 | .035 | | |
| AVG: | .0211 | .0202 | .0177 | | .0148 | .0145 | .0175 | .0229 | .0286 | .0355 | .0421 | .0464 | .0485 | .0490 | .0489 | .0485 | .0465 | .0438 | .0385 | .0336 | .0302 | .0269 | .0249 | .0236 | | |

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: .0324 MONTHLY MAX: .086

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-157-0099 POC: 1
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 CITY: (00000) Not in a city
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 UTM ZONE:
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 PROBE HEIGHT: 3.71

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 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .024 | .022 | .016 | BF | .013 | .016 | .008 | .029 | .036 | .040 | .046 | .051 | .051 | .051 | .049 | .053 | .051 | .047 | .035 | .026 | .021 | .020 | .018 | .018 | 23 | .053 |
| 2 | .019 | .019 | .017 | BF | .008 | .006 | .006 | .008 | BA | .035 | .050 | .061 | .064 | .068 | .065 | .057 | .053 | .051 | .046 | .044 | .030 | .027 | .031 | .026 | 22 | .068 |
| 3 | .035 | .031 | .019 | BF | .018 | .017 | .018 | .028 | .039 | .052 | .059 | .058 | .063 | .071 | .076 | .073 | .068 | .059 | .056 | .050 | .046 | .042 | .037 | .033 | 23 | .076 |
| 4 | .030 | .028 | .028 | BF | .017 | .015 | .015 | .022 | .034 | .045 | .052 | .058 | .055 | .057 | .058 | .054 | .054 | .056 | .055 | .052 | .047 | .042 | .035 | .033 | 23 | .058 |
| 5 | .031 | .026 | .009 | BF | .016 | .010 | .011 | .023 | .031 | .036 | .038 | .038 | .040 | .041 | .042 | .043 | .044 | .044 | .036 | .036 | .034 | .033 | .031 | .029 | 23 | .044 |
| 6 | .029 | .027 | .024 | BF | .021 | .020 | .020 | .021 | .030 | .035 | .037 | .040 | .042 | .044 | .047 | .049 | .050 | .053 | .044 | .033 | .031 | .036 | .032 | .031 | 23 | .053 |
| 7 | .028 | .027 | .025 | BF | .024 | .022 | .018 | .016 | .016 | .017 | .020 | .019 | .020 | .023 | .029 | .031 | .031 | .026 | .018 | .019 | .019 | .018 | .016 | .015 | 23 | .031 |
| 8 | .017 | .018 | .019 | BF | .013 | .015 | .014 | .014 | .017 | .020 | .024 | .025 | .032 | .035 | .038 | .037 | .039 | .038 | .032 | .024 | .017 | .013 | .010 | .009 | 23 | .039 |
| 9 | .009 | .006 | .009 | BF | .010 | .011 | .014 | .017 | .024 | .038 | .047 | .048 | .049 | .049 | .049 | .048 | .048 | .048 | .038 | .021 | .016 | .025 | .025 | .024 | 23 | .049 |
| 10 | .020 | .016 | .010 | BF | .006 | .006 | .008 | .022 | .037 | .047 | .049 | .051 | .050 | .050 | .053 | .055 | .049 | .047 | .037 | .032 | .026 | .024 | .027 | .029 | 23 | .055 |
| 11 | .027 | .027 | .024 | BF | .019 | .013 | .015 | .020 | .025 | .034 | .040 | .047 | .050 | .047 | .050 | .038 | .030 | .034 | .030 | .028 | .022 | .015 | .016 | .015 | 23 | .050 |
| 12 | .016 | .021 | .016 | BF | .011 | .009 | .009 | .010 | .016 | .025 | .024 | .031 | .025 | .035 | .035 | .036 | .030 | .031 | .027 | .017 | .012 | .010 | .014 | .022 | 23 | .036 |
| 13 | .023 | .028 | .025 | BF | .019 | .018 | .016 | .016 | .024 | .036 | .039 | .042 | .042 | .049 | .057 | .053 | .048 | .049 | .039 | .030 | .026 | .028 | .032 | .033 | 23 | .057 |
| 14 | .029 | .024 | .019 | BF | .020 | .019 | .020 | .017 | .016 | .013 | .013 | .016 | .021 | .027 | .034 | .036 | .032 | .034 | .029 | .021 | .018 | .015 | .011 | .011 | 23 | .036 |
| 15 | .020 | .027 | .017 | BF | .014 | .010 | .007 | .010 | .020 | .026 | .031 | .025 | .038 | .041 | .031 | .033 | .032 | .029 | .022 | .019 | .008 | .004 | .007 | .008 | 23 | .041 |
| 16 | .009 | .009 | .008 | BF | .005 | .007 | .008 | .016 | .023 | .030 | .033 | .036 | .038 | .038 | .040 | .041 | .040 | .031 | .027 | .038 | .042 | .040 | .035 | .030 | 23 | .042 |
| 17 | .026 | .023 | .017 | BF | .009 | .007 | .008 | .019 | .034 | .038 | .045 | .048 | .048 | .055 | .055 | .051 | .048 | .034 | .027 | .024 | .018 | .024 | .022 | .024 | 23 | .055 |
| 18 | .025 | .019 | .013 | BF | .011 | .008 | .007 | .019 | .024 | .027 | .036 | .040 | .035 | .041 | .039 | .036 | .039 | .033 | .026 | .018 | .014 | .016 | .010 | .014 | 23 | .041 |
| 19 | .015 | .019 | .017 | BF | .012 | .014 | .019 | .024 | .034 | .047 | .049 | .046 | .046 | .047 | .046 | .045 | .045 | .037 | .028 | .020 | .022 | .020 | .024 | .016 | 23 | .049 |
| 20 | .019 | .024 | .015 | BF | .008 | .006 | .007 | .023 | .031 | .037 | .041 | .044 | .046 | .047 | .049 | .050 | .050 | .047 | .033 | .029 | .033 | .035 | .033 | .031 | 23 | .050 |
| 21 | .031 | .029 | .023 | BF | .017 | .012 | .009 | .020 | .034 | .045 | .059 | .052 | .056 | .050 | .047 | .049 | .049 | .048 | .035 | .026 | .025 | .026 | .028 | .029 | 23 | .059 |
| 22 | .027 | .025 | .022 | BF | .015 | .012 | .012 | .018 | .028 | .040 | .048 | .053 | .053 | .055 | .057 | .058 | .060 | .060 | .054 | .054 | .054 | .046 | .038 | .031 | 23 | .060 |
| 23 | .025 | .021 | .018 | BF | .010 | .006 | .007 | .012 | .027 | .042 | .048 | .041 | .041 | .038 | .041 | .041 | .041 | .040 | .028 | .021 | .024 | .031 | .027 | .025 | 23 | .048 |
| 24 | .028 | .032 | .031 | BF | .022 | .018 | .020 | .026 | .030 | .038 | .042 | .045 | .048 | .050 | .051 | .050 | .050 | .048 | .044 | .023 | .025 | .023 | .022 | .015 | 23 | .051 |
| 25 | .019 | .024 | .027 | BF | .020 | .027 | .026 | .032 | .035 | .040 | .042 | .043 | .045 | .047 | .048 | .050 | .049 | .046 | .034 | .025 | .024 | .034 | .035 | .030 | 23 | .050 |
| 26 | .026 | .021 | .018 | BF | .021 | .023 | .026 | .029 | .032 | .039 | .045 | .048 | .050 | .052 | .054 | .056 | .057 | .050 | .046 | .044 | .043 | .040 | .038 | .036 | 23 | .057 |
| 27 | .030 | .030 | .030 | BF | .019 | .014 | .014 | .021 | .035 | .043 | .045 | .047 | .048 | .050 | .055 | .053 | .052 | .050 | .046 | .042 | .042 | .041 | .042 | .040 | 23 | .055 |
| 28 | .039 | .031 | .028 | BF | .026 | .022 | .023 | .029 | .033 | BA | .042 | .043 | .042 | .043 | .044 | .043 | .041 | .042 | .043 | .042 | .043 | .038 | .035 | .031 | 22 | .044 |
| 29 | .029 | .029 | .028 | BF | .029 | .028 | .032 | .034 | .032 | .030 | .028 | .027 | .026 | .026 | .029 | .030 | .031 | .030 | .028 | .026 | .021 | .013 | .011 | .008 | 23 | .034 |
| 30 | .007 | .006 | .010 | BF | .012 | .008 | .006 | .020 | .026 | .030 | .036 | .038 | .045 | .046 | .047 | .051 | .052 | .049 | .040 | .028 | .029 | .037 | .030 | .032 | 23 | .052 |
| 31 | .033 | .030 | .026 | BF | .023 | .020 | .019 | .020 | .022 | .027 | .030 | .037 | .042 | .045 | .044 | .037 | .032 | .029 | .023 | .018 | .015 | .012 | .009 | .009 | 23 | .045 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .039 | .032 | .031 | | .029 | .028 | .032 | .034 | .039 | .052 | .059 | .061 | .064 | .071 | .076 | .073 | .068 | .060 | .056 | .054 | .054 | .046 | .042 | .040 | | |
| AVG: | .0240 | .0232 | .0196 | | .0157 | .0142 | .0143 | .0205 | .0282 | .0351 | .0399 | .0419 | .0436 | .0457 | .0471 | .0464 | .0450 | .0426 | .0357 | .0300 | .0273 | .0267 | .0252 | .0238 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0311 MONTHLY MAX: .076

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3.71

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .008 | .010 | .010 | BF | .009 | .010 | .010 | .010 | .012 | .015 | .012 | .012 | .019 | .023 | .025 | .027 | .026 | .024 | .023 | .022 | .021 | .022 | .022 | .022 | .022 | 23 | .027 |
| 2 | .024 | .025 | .025 | BF | .024 | .024 | .024 | .022 | .021 | .019 | .019 | .018 | .019 | .020 | .021 | .019 | .018 | .017 | .014 | .011 | .011 | .011 | .011 | .010 | .010 | 23 | .025 |
| 3 | .010 | .010 | .013 | BF | .007 | .010 | .008 | .010 | .017 | .026 | .031 | .034 | .036 | .038 | .039 | .039 | .039 | .034 | .026 | .018 | .024 | .029 | .024 | .022 | 23 | .039 | |
| 4 | .014 | .009 | .009 | BF | .009 | .007 | .004 | .021 | .031 | .033 | .041 | .050 | .053 | .054 | .053 | .050 | .050 | .048 | .038 | .035 | .032 | .032 | .035 | .032 | 23 | .054 | |
| 5 | .023 | .016 | .019 | BF | .020 | .017 | .014 | .022 | .027 | .035 | .044 | .046 | .052 | .055 | .057 | .059 | .051 | .045 | .046 | .039 | .032 | .036 | .037 | .031 | 23 | .059 | |
| 6 | .028 | .027 | .026 | BF | .017 | .016 | .014 | .016 | .018 | .022 | .025 | .026 | .026 | .027 | .030 | .029 | .023 | .025 | .023 | .017 | .019 | .015 | .019 | .015 | 23 | .030 | |
| 7 | .014 | .012 | .012 | BF | .011 | .008 | .008 | .014 | .021 | .030 | .033 | .035 | .037 | .038 | .037 | .037 | .036 | .033 | .025 | .020 | .012 | .019 | .016 | .015 | 23 | .038 | |
| 8 | .011 | .006 | .009 | BF | .007 | .008 | .008 | .015 | .023 | .027 | .030 | .034 | .037 | .038 | .039 | .040 | .040 | .035 | .021 | .016 | .007 | .011 | .016 | .017 | 23 | .040 | |
| 9 | .010 | .012 | .009 | BF | .011 | .016 | .019 | .021 | .026 | .033 | .039 | .041 | .042 | .044 | .045 | .045 | .044 | .041 | .035 | .034 | .034 | .032 | .032 | .026 | 23 | .045 | |
| 10 | .020 | .017 | .016 | BF | .017 | .017 | .017 | .019 | .022 | .025 | .027 | .026 | .026 | .026 | .027 | .027 | .025 | .023 | .022 | .021 | .021 | .020 | .021 | .021 | 23 | .027 | |
| 11 | .019 | .017 | .017 | BF | .017 | .019 | .020 | .019 | .021 | .023 | .025 | .024 | .024 | .023 | .024 | .025 | .026 | .027 | .026 | .026 | .026 | .026 | .026 | .026 | 23 | .027 | |
| 12 | .027 | .026 | .024 | BF | .024 | .024 | .023 | .022 | .022 | .021 | .021 | .021 | .021 | .020 | .019 | .018 | .017 | .017 | .015 | .014 | .013 | .012 | .010 | .012 | 23 | .027 | |
| 13 | .014 | .013 | .012 | BF | .011 | .005 | .004 | .010 | .014 | .021 | .031 | .039 | .042 | .045 | .044 | .043 | .043 | .040 | .031 | .023 | .018 | .021 | .027 | .023 | 23 | .045 | |
| 14 | .020 | .017 | .014 | BF | .016 | .015 | .014 | .020 | .024 | .031 | .039 | .044 | .048 | .052 | .050 | .054 | .048 | .043 | .035 | .040 | .030 | .020 | .021 | .018 | 23 | .054 | |
| 15 | .012 | .010 | .009 | BF | .005 | .005 | .003 | .011 | .017 | .022 | .029 | .031 | .032 | .033 | .035 | .036 | .027 | .021 | .012 | .010 | .012 | .005 | .003 | .003 | 23 | .036 | |
| 16 | .003 | .003 | .002 | BF | .002 | .004 | .003 | .009 | .018 | .027 | .034 | .037 | .038 | .038 | .039 | .041 | .041 | .036 | .028 | .025 | .030 | .022 | .014 | .010 | 23 | .041 | |
| 17 | .010 | .010 | .010 | BF | .008 | .013 | .014 | .013 | .017 | .022 | .033 | .043 | .043 | .040 | .040 | .040 | .039 | .037 | .020 | .020 | .021 | .021 | .019 | .021 | 23 | .043 | |
| 18 | .008 | .012 | .015 | BF | .015 | .010 | .013 | .015 | .016 | .024 | .030 | .036 | .041 | .045 | .044 | .043 | .044 | .033 | .025 | .026 | .027 | .024 | .027 | .018 | 23 | .045 | |
| 19 | .014 | .017 | .016 | BF | .017 | .014 | .012 | .020 | .026 | .035 | .040 | .042 | .044 | .045 | .044 | .045 | .042 | .031 | .014 | .014 | .022 | .025 | .023 | .023 | 23 | .045 | |
| 20 | .024 | .018 | .013 | BF | .007 | .008 | .008 | .013 | .023 | .033 | .038 | .040 | .045 | .044 | .045 | .049 | .051 | .045 | .034 | .029 | .027 | .018 | .018 | .013 | 23 | .051 | |
| 21 | .009 | .008 | .010 | BF | .011 | .009 | .008 | .014 | .025 | .032 | .039 | .044 | .048 | .048 | .048 | .050 | .050 | .045 | .028 | .025 | .022 | .024 | .029 | .019 | 23 | .050 | |
| 22 | .014 | .012 | .014 | BF | .006 | .002 | .006 | .016 | .024 | .032 | .045 | .050 | .050 | .048 | .051 | .051 | .049 | .032 | .020 | .016 | .018 | .024 | .027 | .027 | 23 | .051 | |
| 23 | .015 | .008 | .020 | BF | .010 | .003 | .003 | .010 | .024 | .034 | .041 | .045 | .047 | .052 | .053 | .054 | .050 | .041 | .029 | .035 | .047 | .046 | .035 | .025 | 23 | .054 | |
| 24 | .023 | .024 | .026 | BF | .021 | .011 | .010 | .022 | .028 | .035 | .039 | .043 | .046 | .051 | .052 | .050 | .045 | .034 | .034 | .029 | .036 | .033 | .021 | .022 | 23 | .052 | |
| 25 | .019 | .016 | .019 | BF | .024 | .021 | .017 | .025 | BA | .040 | .044 | .047 | .048 | .046 | .044 | .042 | .043 | .041 | .028 | .033 | .034 | .036 | .036 | .026 | 22 | .048 | |
| 26 | .025 | .028 | .026 | BF | .027 | .027 | .023 | .028 | .032 | .033 | .032 | .032 | .033 | .031 | .032 | .033 | .030 | .026 | .023 | .026 | .025 | .023 | .018 | .018 | 23 | .033 | |
| 27 | .019 | .015 | .012 | BF | .013 | .020 | .018 | .023 | .031 | .041 | .046 | .048 | .050 | .051 | .055 | .051 | .048 | .033 | .037 | .029 | .029 | .030 | .026 | .025 | 23 | .055 | |
| 28 | .033 | .038 | .028 | BF | .045 | .037 | .024 | .043 | .048 | .051 | .055 | .058 | .060 | .059 | .056 | .055 | .054 | .045 | .043 | .049 | .049 | .046 | .042 | .040 | 23 | .060 | |
| 29 | .039 | .038 | .038 | BF | .038 | .036 | .032 | .034 | .030 | .029 | .029 | .034 | .038 | .042 | .046 | .048 | .047 | .042 | .025 | .021 | .024 | .024 | .022 | .020 | 23 | .048 | |
| 30 | .026 | .022 | .025 | BF | .024 | .021 | .019 | .029 | .034 | .037 | .041 | .042 | .043 | .043 | .043 | .042 | .040 | .025 | .021 | .035 | .033 | .030 | .029 | .027 | 23 | .043 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .039 | .038 | .038 | | .045 | .037 | .032 | .043 | .048 | .051 | .055 | .058 | .060 | .059 | .057 | .059 | .054 | .048 | .046 | .049 | .049 | .046 | .042 | .040 | | | |
| AVG: | .0178 | .0165 | .0166 | | .0158 | .0146 | .0133 | .0189 | .0239 | .0296 | .0344 | .0374 | .0396 | .0406 | .0412 | .0414 | .0395 | .0340 | .0267 | .0253 | .0252 | .0246 | .0235 | .0209 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0270 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3.71

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .026 | .023 | .021 | BF | .020 | .020 | .019 | .021 | .025 | .030 | .032 | .034 | .036 | .036 | .036 | .038 | .043 | .039 | .029 | .032 | .030 | .023 | .025 | .024 | 23 | .043 |
| 2 | .019 | .019 | .017 | BF | .015 | .010 | .006 | .016 | .021 | .028 | .036 | .041 | .042 | .044 | .044 | .045 | .044 | .038 | .032 | .037 | .036 | .040 | .036 | .033 | 23 | .045 |
| 3 | .028 | .025 | .018 | BF | .013 | .012 | .014 | .018 | .025 | .034 | .042 | .044 | .048 | .050 | .047 | .048 | .049 | .046 | .026 | .034 | .042 | .041 | .039 | .030 | 23 | .050 |
| 4 | .025 | .023 | .017 | BF | .022 | .018 | .007 | .020 | .029 | .029 | .041 | .047 | .051 | .051 | .052 | .054 | .053 | .038 | .038 | .034 | .027 | .037 | .038 | .030 | 23 | .054 |
| 5 | .027 | .031 | .028 | BF | .013 | .006 | .004 | .014 | .032 | .042 | .047 | .052 | .056 | .058 | .059 | .063 | .064 | .050 | .043 | .042 | .048 | .044 | .049 | .029 | 23 | .064 |
| 6 | .024 | .025 | .015 | BF | .019 | .010 | .011 | .017 | .033 | .046 | .052 | .052 | .055 | .056 | .058 | .060 | .060 | .044 | .025 | .024 | .027 | .021 | .025 | .022 | 23 | .060 |
| 7 | .020 | .014 | .011 | BF | .008 | .004 | .005 | .011 | .014 | .017 | .021 | .025 | .027 | .025 | .025 | .027 | .026 | .021 | .017 | .019 | .016 | .012 | .010 | .009 | 23 | .027 |
| 8 | .011 | .010 | .009 | BF | .006 | .008 | .006 | .005 | .006 | .009 | .014 | .019 | .021 | .021 | .017 | .015 | .014 | .014 | .011 | .011 | .013 | .013 | .013 | .013 | 23 | .021 |
| 9 | .013 | .012 | .013 | BF | .014 | .014 | .014 | .015 | .016 | .017 | .017 | .016 | .015 | .023 | .025 | .024 | .024 | .021 | .020 | .020 | .016 | .011 | .007 | .009 | 23 | .025 |
| 10 | .010 | .007 | .005 | BF | .004 | .002 | .002 | .006 | .008 | .014 | .020 | .023 | .029 | .033 | .032 | .031 | .031 | .023 | .017 | .018 | .016 | .012 | .010 | .010 | 23 | .033 |
| 11 | .010 | .010 | .012 | BF | .008 | .009 | .007 | .009 | .013 | .020 | .030 | .035 | .041 | .040 | .045 | .046 | .039 | .024 | .020 | .015 | .015 | .023 | .026 | .021 | 23 | .046 |
| 12 | .015 | .018 | .013 | BF | .008 | .013 | .015 | .018 | .014 | .016 | .021 | .027 | .030 | .030 | .031 | .031 | .029 | .030 | .028 | .024 | .021 | .020 | .019 | .018 | 23 | .031 |
| 13 | .019 | .020 | .018 | BF | .020 | .019 | .020 | .022 | .020 | .020 | .019 | .019 | .020 | .021 | .020 | .021 | .022 | .021 | .017 | .019 | .023 | .019 | .018 | .020 | 23 | .023 |
| 14 | .023 | .024 | .024 | BF | .024 | .021 | .021 | .023 | .024 | .023 | .025 | .025 | .027 | .028 | .031 | .034 | .033 | .025 | .014 | .015 | .021 | .015 | .008 | .007 | 23 | .034 |
| 15 | .005 | .009 | .010 | BF | .003 | .006 | .010 | .011 | .014 | .018 | .025 | .027 | .030 | .035 | .038 | .038 | .037 | .033 | .029 | .029 | .028 | .025 | .023 | .021 | 23 | .038 |
| 16 | .020 | .019 | .018 | BF | .022 | .021 | .018 | .017 | .020 | .023 | .027 | .030 | .032 | .032 | .035 | .034 | .035 | .035 | .033 | .031 | .029 | .022 | .025 | .025 | 23 | .035 |
| 17 | .024 | .023 | .020 | BF | .012 | .012 | .010 | .016 | .022 | .026 | .030 | .034 | .037 | .038 | .039 | .040 | .038 | .026 | .013 | .019 | .014 | .016 | .023 | .018 | 23 | .040 |
| 18 | .020 | .011 | .008 | BF | .007 | .003 | .002 | .005 | .016 | .027 | .028 | .037 | .043 | .044 | .043 | .043 | .040 | .031 | .019 | .021 | .016 | .022 | .024 | .022 | 23 | .044 |
| 19 | .022 | .017 | .011 | BF | .008 | .007 | .004 | .011 | .020 | .030 | .043 | .048 | .049 | .051 | .052 | .053 | .048 | .029 | .034 | .041 | .032 | .042 | .040 | .040 | 23 | .053 |
| 20 | .040 | .034 | .033 | BF | .036 | .037 | .033 | .034 | .039 | .042 | .043 | .049 | .054 | .056 | .057 | .057 | .051 | .027 | .033 | .038 | .033 | .043 | .033 | .030 | 23 | .057 |
| 21 | .032 | .020 | .023 | BF | .013 | .008 | .009 | .017 | .028 | .039 | .048 | .057 | .060 | .064 | .062 | .060 | .054 | .041 | .042 | .038 | .046 | .036 | .043 | .040 | 23 | .064 |
| 22 | .033 | .029 | .023 | BF | .019 | .017 | .015 | .017 | .030 | .041 | .046 | .050 | .054 | .053 | .052 | .050 | .045 | .034 | .034 | .036 | .032 | .034 | .035 | .034 | 23 | .054 |
| 23 | .032 | .032 | .031 | BF | .031 | .028 | .026 | .028 | .034 | .032 | .032 | .034 | .033 | .034 | .036 | .037 | .034 | .036 | .041 | .036 | .030 | .026 | .021 | 23 | .041 | |
| 24 | .021 | .024 | .021 | BF | .016 | .011 | .012 | .016 | BA | .021 | .023 | .030 | .035 | .040 | .043 | .045 | .042 | .030 | .031 | .025 | .031 | .033 | .032 | .031 | 22 | .045 |
| 25 | .025 | .027 | .030 | BF | .020 | .015 | .009 | .016 | .028 | .029 | .036 | .037 | .039 | .040 | .040 | .041 | .036 | .031 | .028 | .028 | .025 | .025 | .025 | .024 | 23 | .041 |
| 26 | .025 | .024 | .025 | BF | .026 | .026 | .025 | .025 | .027 | .030 | .032 | .036 | .038 | .040 | .042 | .042 | .039 | .025 | .016 | .018 | .015 | .014 | .020 | .020 | 23 | .042 |
| 27 | .023 | .024 | .021 | BF | .016 | .009 | .015 | .020 | .024 | .027 | .032 | .042 | .047 | .052 | .055 | .055 | .052 | .047 | .042 | .040 | .041 | .040 | .040 | .039 | 23 | .055 |
| 28 | .039 | .039 | .038 | BF | .028 | .029 | .022 | .020 | .031 | .041 | .044 | .045 | .046 | .046 | .043 | .039 | .034 | .035 | .034 | .034 | .034 | .034 | .033 | .034 | 23 | .046 |
| 29 | .035 | .029 | .020 | BF | .022 | .025 | .025 | .022 | .021 | .016 | .016 | .016 | .017 | .018 | .017 | .019 | .020 | .020 | .019 | .020 | .021 | .022 | .023 | .023 | 23 | .035 |
| 30 | .023 | .024 | .025 | BF | .025 | .025 | .026 | .028 | .027 | .027 | .030 | .032 | .034 | .036 | .037 | .038 | .037 | .034 | .026 | .026 | .026 | .023 | .024 | .022 | 23 | .038 |
| 31 | .017 | .016 | .015 | BF | .013 | .004 | .002 | .009 | .021 | .032 | .036 | .039 | .044 | .045 | .048 | .050 | .047 | .034 | .029 | .040 | .036 | .034 | .030 | .025 | 23 | .050 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .040 | .039 | .038 | | .036 | .037 | .033 | .034 | .039 | .046 | .052 | .057 | .060 | .064 | .062 | .063 | .064 | .050 | .043 | .042 | .048 | .044 | .049 | .040 | | |
| AVG: | .0228 | .0214 | .0191 | | .0165 | .0145 | .0134 | .0170 | .0227 | .0273 | .0319 | .0355 | .0384 | .0400 | .0407 | .0413 | .0396 | .0316 | .0270 | .0280 | .0273 | .0266 | .0265 | .0240 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0275 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-157-0099 POC: 1
 COUNTY: (157) Rockingham
 CITY: (00000) Not in a city
 SITE ADDRESS: 6371 NC 65 @ BETHANY SCHOOL
 SITE COMMENTS: UAM VALIDATION SITE/FORSYTH COUNTY MAX O3 DOWNWIND,CO,NOX,NMOC MAXIMUM O3 DOWNWIND
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 36.308889
 LONGITUDE: -79.859167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 277
 PROBE HEIGHT: 3.71

SUPPORT AGENCY: (0403) Forsyth County Environmental Affairs Department
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .022 | .022 | .021 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .022 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .022 | .022 | .021 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0220 | .0220 | .0210 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0217 MONTHLY MAX: .022

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
 COUNTY: (159) Rowan
 CITY: (57340) Rockwell
 SITE ADDRESS: 301 WEST ST & GOLD HILL AVENUE
 SITE COMMENTS: ON LOT OF THE CITY OF ROCKWELL PUBLIC WORKS OFFICE
 MONITOR COMMENTS: MONITOR TYPE: OZONE PRECURSOR

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.551868
 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .028 | .028 | .028 | BF | .032 | .028 | .027 | .026 | .028 | .027 | .027 | .026 | .025 | .024 | .024 | .022 | .017 | .017 | .017 | .016 | .016 | .015 | .015 | .015 | 23 | .032 |
| 2 | .012 | .013 | .013 | BF | .015 | .014 | .013 | .013 | .013 | .013 | .014 | .015 | .016 | .015 | .015 | .016 | .017 | .017 | .016 | .015 | .014 | .014 | .015 | .016 | 23 | .017 |
| 3 | .015 | .015 | .015 | BF | .013 | .012 | .012 | .010 | .010 | .011 | .010 | .010 | .008 | .005 | .007 | .008 | .007 | .004 | .008 | .011 | .010 | .010 | .013 | .014 | 23 | .015 |
| 4 | .014 | .013 | .013 | BF | .014 | .014 | .011 | .005 | .010 | AZ | AZ | AZ | BJ | 8 | .014 |
| 5 | BJ | BJ | BJ | BF | BJ | BJ | BJ | BJ | BJ | BJ | .025 | .029 | .030 | .030 | .030 | .030 | .029 | .027 | .025 | .024 | .019 | .017 | .018 | .014 | 14 | .030 |
| 6 | .015 | .019 | .020 | BF | .016 | .013 | .010 | .005 | .006 | .014 | .018 | .019 | .024 | .024 | .024 | .023 | .020 | .019 | .021 | .023 | .024 | .023 | .022 | .023 | 23 | .024 |
| 7 | .027 | .026 | .027 | BF | .022 | .020 | .019 | .020 | .021 | .022 | .023 | .031 | .035 | .036 | .037 | .037 | .037 | .035 | .031 | .033 | .034 | .034 | .030 | .027 | 23 | .037 |
| 8 | .025 | .024 | .021 | BF | .025 | .026 | .028 | .031 | .032 | .034 | .034 | .035 | .037 | .038 | .039 | .040 | .040 | .037 | .026 | .020 | .018 | .025 | .028 | .021 | 23 | .040 |
| 9 | .023 | .024 | .018 | BF | .016 | .011 | .006 | .011 | .021 | .030 | .032 | .034 | .035 | .036 | .037 | .037 | .036 | .033 | .029 | .024 | .023 | .019 | .019 | .018 | 23 | .037 |
| 10 | .019 | .025 | .024 | BF | .021 | .014 | .010 | .003 | .010 | .024 | .031 | .034 | .036 | .038 | .037 | .035 | .033 | .030 | .018 | .030 | .031 | .024 | .029 | .029 | 23 | .038 |
| 11 | .026 | .014 | .012 | BF | AS | AS | AS | AS | AS | BA | BC | BC | BC | BC | .016 | .015 | .018 | .017 | .019 | .018 | .010 | .008 | .014 | .017 | 13 | .026 |
| 12 | .023 | .025 | .025 | BF | .023 | .019 | .021 | .020 | .021 | .025 | .029 | .034 | .038 | .040 | .039 | .038 | .035 | .033 | .031 | .029 | .028 | .028 | .028 | .028 | 23 | .040 |
| 13 | .028 | .028 | .028 | BF | .027 | .024 | .020 | .016 | .019 | .022 | .026 | .025 | .032 | .033 | .033 | .033 | .034 | .029 | .014 | .018 | .018 | .023 | .024 | .024 | 23 | .034 |
| 14 | .022 | .021 | .024 | BF | .024 | .025 | .024 | .022 | .022 | .022 | .023 | .024 | .025 | .026 | .027 | .027 | .025 | .025 | .016 | .014 | .006 | .004 | .007 | .018 | 23 | .027 |
| 15 | .016 | .017 | .014 | BF | .012 | .011 | .010 | .007 | .009 | .011 | .014 | .018 | .023 | .026 | .027 | .027 | .024 | .021 | .024 | .023 | .023 | .023 | .021 | .019 | 23 | .027 |
| 16 | .020 | .018 | .019 | BF | .019 | .019 | .019 | .017 | .019 | .022 | .023 | .023 | .024 | .027 | .028 | .027 | .025 | .020 | .021 | .020 | .014 | .014 | .018 | .018 | 23 | .028 |
| 17 | .017 | .017 | .016 | BF | .011 | .010 | .010 | .009 | .009 | .010 | .011 | .013 | .016 | .020 | .023 | .023 | .022 | .022 | .021 | .018 | .016 | .016 | .021 | .027 | 23 | .027 |
| 18 | .028 | .027 | .028 | BF | .024 | .023 | .018 | .012 | .016 | .022 | .028 | .035 | .041 | .044 | .043 | .043 | .042 | .036 | .026 | .026 | .027 | .025 | .024 | .021 | 23 | .044 |
| 19 | .019 | .014 | .008 | BF | .002 | .001 | .001 | .001 | .006 | .013 | BA | .023 | .032 | .036 | .037 | .037 | .036 | .033 | .021 | .018 | .023 | .022 | .022 | .026 | 22 | .037 |
| 20 | .027 | .024 | .023 | BF | .024 | .024 | .024 | .020 | .016 | .017 | .016 | .015 | .016 | .015 | .014 | .013 | .012 | .010 | .007 | .007 | .007 | .009 | .014 | .014 | 23 | .027 |
| 21 | .014 | .012 | .013 | BF | .011 | .011 | .011 | .009 | .012 | .013 | .013 | .013 | .013 | .012 | .011 | .010 | .010 | .010 | .009 | .009 | .010 | .009 | .007 | .006 | 23 | .014 |
| 22 | .006 | .009 | .009 | BF | .010 | .010 | .008 | .007 | .007 | .005 | .006 | .010 | .015 | .018 | .015 | .013 | .015 | .014 | .013 | .012 | .012 | .015 | .016 | .016 | 23 | .018 |
| 23 | .016 | .017 | .019 | BF | .033 | .035 | .033 | .033 | .033 | .035 | .034 | .037 | .039 | .039 | .037 | .033 | .029 | .022 | .021 | .022 | .022 | .022 | .019 | .018 | 23 | .039 |
| 24 | .018 | .016 | .013 | BF | .007 | .009 | .005 | .003 | .005 | .014 | .021 | .024 | .030 | .035 | .038 | .038 | .035 | .032 | .028 | .023 | .023 | .015 | .009 | .006 | 23 | .038 |
| 25 | .007 | .006 | .004 | BF | .001 | .001 | .001 | .001 | .008 | .014 | .017 | .027 | .024 | .030 | .036 | .038 | .041 | .038 | .035 | .035 | .035 | .035 | .035 | .035 | 23 | .041 |
| 26 | .036 | .035 | .033 | BF | .032 | .030 | .027 | .024 | .022 | .025 | .030 | .038 | .045 | .046 | .045 | .043 | .042 | .039 | .039 | .035 | .032 | .030 | .029 | .028 | 23 | .046 |
| 27 | .027 | .024 | .022 | BF | .016 | .023 | .015 | .008 | .018 | .022 | .030 | .032 | .031 | .033 | .036 | .037 | .035 | .032 | .029 | .028 | .028 | .028 | .025 | .029 | 23 | .037 |
| 28 | .034 | .030 | .021 | BF | .022 | .024 | .022 | .020 | .019 | .022 | .029 | .037 | .039 | .041 | .043 | .044 | .044 | .043 | .040 | .038 | .037 | .037 | .038 | .039 | 23 | .044 |
| 29 | .037 | .036 | .034 | BF | .032 | .031 | .029 | .029 | .029 | .030 | .033 | .035 | .040 | .042 | .042 | .041 | .041 | .039 | .038 | .039 | .037 | .036 | .034 | .034 | 23 | .042 |
| 30 | .035 | .035 | .035 | BF | .033 | .028 | .021 | .014 | .029 | .036 | .039 | .039 | .040 | .040 | .041 | .043 | .045 | .042 | .037 | .026 | .021 | .013 | .018 | .013 | 23 | .045 |
| 31 | .013 | .024 | .026 | BF | .024 | .027 | .027 | .026 | .028 | .029 | BA | .037 | .039 | .042 | .044 | .046 | .046 | .045 | .041 | .038 | .036 | .036 | .030 | .025 | 22 | .046 |
| NO.: | 30 | 30 | 30 | | 29 | 29 | 29 | 29 | 29 | 28 | 27 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .037 | .036 | .035 | | .033 | .035 | .033 | .033 | .033 | .036 | .039 | .039 | .045 | .046 | .045 | .046 | .046 | .045 | .041 | .039 | .037 | .037 | .038 | .039 | | |
| AVG: | .0216 | .0212 | .0202 | | .0193 | .0185 | .0166 | .0146 | .0172 | .0209 | .0236 | .0265 | .0292 | .0307 | .0309 | .0307 | .0300 | .0277 | .0241 | .0231 | .0218 | .0210 | .0214 | .0213 | | |

MONTHLY OBSERVATIONS: 677 MONTHLY MEAN: .0232 MONTHLY MAX: .046

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
 COUNTY: (159) Rowan
 CITY: (57340) Rockwell
 SITE ADDRESS: 301 WEST ST & GOLD HILL AVENUE
 SITE COMMENTS: ON LOT OF THE CITY OF ROCKWELL PUBLIC WORKS OFFICE
 MONITOR COMMENTS: MONITOR TYPE: OZONE PRECURSOR

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.551868
 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .025 | .028 | .025 | BF | .028 | .020 | .011 | .003 | .005 | .026 | .032 | .039 | .048 | .053 | .054 | .052 | .050 | .046 | .043 | .042 | .040 | .038 | .027 | .022 | 23 | .054 |
| 2 | .018 | .015 | .012 | BF | .010 | .012 | .003 | .006 | .013 | .023 | .034 | .037 | .040 | .042 | .039 | .037 | .036 | .031 | .029 | .022 | .023 | .020 | .028 | .030 | 23 | .042 |
| 3 | .029 | .030 | .030 | BF | .030 | .031 | .029 | .028 | .029 | .030 | .030 | .029 | .028 | .027 | .031 | .031 | .028 | .028 | .027 | .026 | .030 | .038 | .039 | .037 | 23 | .039 |
| 4 | .035 | .035 | .034 | BF | .032 | .031 | .029 | .028 | .029 | .031 | .034 | .036 | .038 | .040 | .041 | .040 | .040 | .040 | .034 | .037 | .036 | .027 | .036 | .034 | 23 | .041 |
| 5 | .030 | .022 | .028 | BF | .027 | .025 | .020 | .020 | .025 | .030 | .034 | .037 | .041 | .042 | .043 | .044 | .045 | .044 | .038 | .028 | .025 | .026 | .012 | .012 | 23 | .045 |
| 6 | .013 | .018 | .012 | BF | .008 | .002 | .002 | .002 | .008 | .026 | .036 | .042 | .043 | .043 | .045 | .048 | .047 | .044 | .040 | .038 | .037 | .038 | .035 | .034 | 23 | .048 |
| 7 | .033 | .032 | .030 | BF | .027 | .027 | .025 | .023 | .025 | .026 | .026 | .029 | .035 | .039 | .039 | .038 | .038 | .039 | .038 | .037 | .034 | .032 | .030 | .027 | 23 | .039 |
| 8 | .024 | .022 | .021 | BF | .017 | .015 | .011 | .016 | .016 | .016 | .019 | .020 | .023 | .026 | .030 | .028 | .025 | .024 | .023 | .022 | .020 | .025 | .020 | .019 | 23 | .030 |
| 9 | .019 | .020 | .029 | BF | .027 | .030 | .023 | .029 | .030 | .034 | .032 | .038 | .041 | .042 | .042 | .043 | .043 | .040 | .038 | .037 | .038 | .038 | .037 | .034 | 23 | .043 |
| 10 | .029 | .027 | .024 | BF | .019 | .013 | .017 | .016 | .019 | .033 | .038 | .038 | .039 | .037 | .037 | .039 | .040 | .038 | .037 | .036 | .034 | .034 | .033 | .033 | 23 | .040 |
| 11 | .035 | .037 | .038 | BF | .039 | .039 | .038 | .036 | .036 | .036 | .038 | .040 | .043 | .046 | .045 | .043 | .038 | .035 | .030 | .029 | .028 | .028 | .028 | .028 | 23 | .046 |
| 12 | .026 | .024 | .024 | BF | .024 | .023 | .025 | .025 | .025 | .027 | .029 | .030 | .030 | .031 | .032 | .032 | .031 | .029 | .026 | .028 | .029 | .032 | .034 | .041 | 23 | .041 |
| 13 | .044 | .042 | .041 | BF | .043 | .041 | .041 | .038 | .040 | .041 | .042 | .044 | .045 | .047 | .048 | .048 | .047 | .045 | .041 | .034 | .028 | .031 | .036 | .031 | 23 | .048 |
| 14 | .022 | .016 | .016 | BF | .005 | .004 | .001 | .002 | .008 | .035 | AY | AY | .046 | .047 | .049 | .050 | .050 | .047 | .039 | .036 | .034 | .031 | .026 | .025 | 21 | .050 |
| 15 | .023 | .020 | .017 | AN | .016 | .014 | .023 | .030 | .028 | .026 | .029 | .035 | .037 | .040 | .042 | .043 | .045 | .042 | .041 | .040 | .039 | .037 | .038 | .041 | 23 | .045 |
| 16 | .040 | .039 | .038 | AN | .031 | .027 | .030 | .029 | .027 | .037 | .040 | .042 | .042 | .044 | .044 | .043 | .043 | .042 | .040 | .037 | .036 | .032 | .030 | .023 | 23 | .044 |
| 17 | .015 | .011 | .007 | AN | .005 | .013 | .022 | .010 | .023 | BA | BA | .041 | .044 | .045 | .046 | .048 | .045 | .046 | .043 | .038 | .038 | .036 | .033 | .030 | 21 | .048 |
| 18 | .030 | .028 | .027 | BF | .027 | .026 | .019 | .013 | .023 | .031 | .040 | .044 | .046 | .049 | .049 | .047 | .044 | .041 | .035 | .032 | .029 | .027 | .025 | .024 | 23 | .049 |
| 19 | .022 | .021 | .022 | BF | .021 | .018 | .020 | .011 | .025 | .032 | .037 | .040 | .042 | .045 | .045 | .045 | .045 | .044 | .042 | .039 | .039 | .039 | .038 | .038 | 23 | .045 |
| 20 | .037 | .035 | .028 | BF | .020 | .012 | .005 | .013 | .023 | .036 | .039 | .043 | .047 | .049 | .049 | .049 | .048 | .048 | .045 | .038 | .030 | .027 | .019 | .011 | 23 | .049 |
| 21 | .010 | .012 | .026 | BF | .033 | .022 | .032 | .034 | .035 | .036 | .037 | .041 | .045 | .047 | .047 | .047 | .046 | .046 | .043 | .040 | .035 | .039 | .039 | .039 | 23 | .047 |
| 22 | .037 | .035 | .031 | BF | .025 | .023 | .021 | .019 | .018 | .018 | .020 | .023 | .026 | .028 | .029 | .031 | .031 | .028 | .025 | .020 | .016 | .016 | .013 | .013 | 23 | .037 |
| 23 | .010 | .008 | .006 | BF | .002 | .001 | .001 | .002 | .008 | .024 | .034 | .036 | .044 | .046 | .043 | .042 | .040 | .038 | .034 | .027 | .021 | .012 | .023 | 23 | .046 | |
| 24 | .029 | .029 | .027 | BF | .017 | .003 | .001 | .002 | .013 | .022 | .035 | .039 | .040 | .041 | .041 | .041 | .040 | .036 | .033 | .031 | .031 | .031 | .031 | .031 | 23 | .041 |
| 25 | .029 | .027 | .027 | BF | .025 | .023 | .022 | .023 | .024 | .025 | .031 | .036 | .037 | .040 | .047 | .050 | .053 | .045 | .046 | .045 | .044 | .039 | .040 | .042 | 23 | .053 |
| 26 | .042 | .039 | .037 | BF | .036 | .035 | .034 | .033 | .034 | .036 | .038 | .041 | .043 | .046 | .047 | .047 | .047 | .045 | .039 | .030 | .033 | .023 | .017 | .012 | 23 | .047 |
| 27 | .031 | .035 | .037 | BF | .037 | .027 | .016 | .018 | .022 | .031 | .040 | .042 | .045 | .045 | .047 | .047 | .050 | .047 | .038 | .031 | .035 | .032 | .037 | .037 | 23 | .050 |
| 28 | .036 | .031 | .024 | BF | .031 | .030 | .025 | .011 | .026 | .031 | .035 | .038 | .041 | .043 | .042 | .040 | .038 | .036 | .034 | .028 | .030 | .027 | .025 | .023 | 23 | .043 |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 28 | 28 | 28 | | 28 | 28 | 28 | 28 | 28 | 27 | 26 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | |
| MAX: | .044 | .042 | .041 | | .043 | .041 | .041 | .038 | .040 | .041 | .042 | .044 | .048 | .053 | .054 | .052 | .053 | .048 | .046 | .045 | .044 | .039 | .040 | .042 | | |
| AVG: | .0276 | .0264 | .0256 | | .0236 | .0210 | .0195 | .0186 | .0228 | .0296 | .0338 | .0370 | .0400 | .0418 | .0428 | .0427 | .0422 | .0401 | .0369 | .0335 | .0321 | .0309 | .0293 | .0284 | | |

MONTHLY OBSERVATIONS: 640 MONTHLY MEAN: .0316 MONTHLY MAX: .054

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
 COUNTY: (159) Rowan
 CITY: (57340) Rockwell
 SITE ADDRESS: 301 WEST ST & GOLD HILL AVENUE
 SITE COMMENTS: ON LOT OF THE CITY OF ROCKWELL PUBLIC WORKS OFFICE
 MONITOR COMMENTS: MONITOR TYPE: OZONE PRECURSOR

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.551868
 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .018 | .020 | .021 | BF | .019 | .018 | .017 | .017 | .017 | .020 | .021 | .024 | .025 | .026 | .026 | .026 | .026 | .026 | .026 | .025 | .027 | .028 | .025 | .023 | 23 | .028 |
| 2 | .023 | .031 | .043 | BF | .040 | .040 | .037 | .036 | .037 | .038 | BA | .041 | .043 | .043 | .044 | .046 | .047 | .046 | .044 | .042 | .040 | .039 | .038 | .036 | 22 | .047 |
| 3 | .035 | .036 | .035 | BF | .024 | .014 | .012 | .008 | .030 | .038 | .040 | .041 | .043 | .045 | .046 | .046 | .046 | .043 | .039 | .038 | .033 | .034 | .033 | 23 | .046 | |
| 4 | .029 | .028 | .022 | BF | .016 | .011 | .010 | .011 | .027 | .036 | .037 | .039 | .041 | .042 | .042 | .043 | .042 | .040 | .038 | .040 | .042 | .039 | .034 | .024 | 23 | .043 |
| 5 | .018 | .020 | .022 | BF | .016 | .023 | .028 | .032 | .035 | .037 | .039 | .040 | .042 | .044 | .043 | .045 | .048 | .046 | .043 | .039 | .035 | .035 | .033 | .020 | 23 | .048 |
| 6 | .028 | .033 | .033 | BF | .019 | .005 | .002 | .012 | .024 | .031 | .035 | .038 | .036 | .033 | .035 | .039 | .039 | .037 | .039 | .038 | .037 | .033 | .034 | .034 | 23 | .039 |
| 7 | .032 | .032 | .031 | BF | .029 | .030 | .028 | .026 | .028 | .031 | .035 | .041 | .043 | .043 | .045 | .044 | .042 | .041 | .039 | .036 | .034 | .029 | .028 | .029 | 23 | .045 |
| 8 | .027 | .025 | .024 | BF | .027 | .029 | .038 | .039 | .040 | .043 | AZ | .049 | .050 | .050 | .050 | .052 | .052 | .051 | .048 | .032 | .037 | .043 | .040 | .040 | 22 | .052 |
| 9 | .043 | .039 | .028 | BF | .017 | .006 | .006 | .003 | .010 | BA | .046 | .050 | .050 | .052 | .051 | .053 | .053 | .052 | .048 | .046 | .045 | .042 | .041 | .039 | 22 | .053 |
| 10 | .038 | .034 | .036 | BF | .035 | .034 | .027 | .018 | .024 | .029 | .036 | .041 | .040 | .041 | .044 | .046 | .046 | .046 | .044 | .043 | .042 | .040 | .039 | .039 | 23 | .046 |
| 11 | .041 | .039 | .036 | BF | .037 | .036 | .034 | .035 | .037 | .038 | .038 | .038 | .041 | .042 | .043 | .042 | .044 | .043 | .039 | .036 | .031 | .033 | .040 | .039 | 23 | .044 |
| 12 | .038 | .040 | .039 | BF | .037 | .036 | .036 | .035 | .035 | .037 | .038 | .039 | .041 | .042 | .043 | .045 | .044 | .044 | .041 | .028 | .028 | .034 | .033 | .031 | 23 | .045 |
| 13 | .029 | .021 | .018 | BF | .006 | .013 | .012 | .020 | .030 | .036 | .039 | .040 | .040 | .039 | .036 | .033 | .033 | .032 | .032 | .032 | .031 | .031 | .030 | .030 | 23 | .040 |
| 14 | .030 | .031 | .032 | BF | .029 | .028 | .024 | .021 | .021 | .023 | .029 | .033 | .035 | .034 | .035 | .036 | .037 | .036 | .037 | .037 | .038 | .040 | .040 | .040 | 23 | .040 |
| 15 | .041 | .040 | .040 | BF | .038 | .039 | .037 | .037 | .038 | .040 | .041 | .044 | .045 | .045 | .046 | .046 | .046 | .045 | .043 | .041 | .039 | .038 | .038 | .038 | 23 | .046 |
| 16 | .037 | .034 | .032 | BK | .028 | .018 | .018 | .024 | .036 | BA | .042 | .045 | .047 | .048 | .048 | .049 | .050 | .050 | .046 | .037 | .033 | .030 | .023 | .017 | 22 | .050 |
| 17 | .023 | .015 | .006 | BF | .001 | .003 | .002 | .006 | .020 | .033 | .044 | .046 | .049 | .050 | .051 | .051 | .051 | .047 | .038 | .035 | .023 | .021 | .025 | .018 | 23 | .051 |
| 18 | .023 | .033 | .029 | BF | .034 | .032 | .032 | .031 | .029 | .030 | .032 | .037 | .040 | .042 | .045 | .043 | .042 | .044 | .041 | .042 | .045 | .044 | .035 | .035 | 23 | .045 |
| 19 | .035 | .033 | .031 | BF | .025 | .023 | .022 | .023 | .026 | .027 | .029 | .032 | .034 | .035 | .036 | .037 | .038 | .038 | .036 | .034 | .033 | .032 | .030 | .028 | 23 | .038 |
| 20 | .027 | .025 | .020 | BF | .008 | .001 | .001 | .006 | .024 | .028 | .033 | .035 | .036 | .036 | .039 | .042 | .043 | .044 | .034 | .036 | .033 | .033 | .033 | .037 | 23 | .044 |
| 21 | .036 | .036 | .035 | BF | .033 | .031 | .030 | .029 | .031 | .036 | .041 | .043 | .046 | .048 | .047 | .047 | .047 | .045 | .042 | .038 | .041 | .033 | .031 | .033 | 23 | .048 |
| 22 | .032 | .033 | .029 | BF | .024 | .027 | .034 | .034 | .037 | .039 | .043 | .043 | .042 | .045 | .049 | .050 | .055 | .056 | .051 | .046 | .043 | .040 | .040 | .039 | 23 | .056 |
| 23 | .038 | .039 | .037 | BF | .031 | .030 | .030 | .034 | .039 | .042 | .043 | .045 | .046 | .048 | .050 | .050 | .051 | .050 | .048 | .043 | .040 | .042 | .042 | .040 | 23 | .051 |
| 24 | .040 | .038 | .037 | BF | .033 | .029 | .018 | .029 | .034 | .035 | .034 | .037 | .038 | .041 | .045 | .045 | .044 | .042 | .040 | .038 | .036 | .034 | .034 | .034 | 23 | .045 |
| 25 | .034 | .033 | .031 | BF | .028 | .021 | .018 | .021 | .026 | .032 | .036 | .039 | .042 | .042 | .042 | .042 | .041 | .042 | .041 | .037 | .034 | .034 | .032 | .031 | 23 | .042 |
| 26 | .030 | .028 | .027 | BF | .026 | .023 | .020 | .021 | .026 | .031 | .034 | .036 | .037 | .037 | .035 | .029 | .029 | .028 | .027 | .025 | .025 | .027 | .027 | .028 | 23 | .037 |
| 27 | .028 | .026 | .020 | BF | .020 | .015 | .013 | .016 | .022 | .025 | .030 | .034 | .039 | .039 | .040 | .040 | .039 | .037 | .033 | .031 | .030 | .029 | .027 | 23 | .040 | |
| 28 | .022 | .022 | .027 | BF | .036 | .034 | .032 | .029 | .027 | .029 | .036 | .041 | .045 | .045 | .046 | .047 | .047 | .049 | .045 | .042 | .041 | .038 | .036 | .034 | 23 | .049 |
| 29 | .029 | .030 | .034 | BF | .036 | .032 | .027 | .032 | .034 | .038 | .042 | .044 | .046 | .047 | .048 | .050 | .050 | .050 | .047 | .044 | .038 | .036 | .032 | .028 | 23 | .050 |
| 30 | .034 | .033 | .032 | BF | .033 | .029 | .027 | .029 | .027 | BA | .033 | .035 | .035 | .036 | .040 | .042 | .034 | .031 | .033 | .030 | .030 | .030 | .032 | .032 | 22 | .042 |
| 31 | .032 | .032 | .030 | BF | .030 | .028 | .026 | .025 | .027 | .030 | .035 | .039 | .043 | .046 | .047 | .048 | .041 | .036 | .038 | .036 | .035 | .032 | .029 | .027 | 23 | .048 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 28 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .043 | .040 | .043 | | .040 | .040 | .038 | .039 | .040 | .043 | .046 | .050 | .050 | .052 | .051 | .053 | .055 | .056 | .051 | .046 | .045 | .044 | .042 | .040 | | |
| AVG: | .0313 | .0309 | .0296 | | .0263 | .0238 | .0225 | .0238 | .0290 | .0333 | .0364 | .0395 | .0411 | .0421 | .0430 | .0437 | .0435 | .0426 | .0403 | .0371 | .0356 | .0346 | .0335 | .0317 | | |

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .0346 MONTHLY MAX: .056

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
 COUNTY: (159) Rowan
 CITY: (57340) Rockwell
 SITE ADDRESS: 301 WEST ST & GOLD HILL AVENUE
 SITE COMMENTS: ON LOT OF THE CITY OF ROCKWELL PUBLIC WORKS OFFICE
 MONITOR COMMENTS: MONITOR TYPE: OZONE PRECURSOR

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.551868
 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .026 | .025 | .024 | BF | .024 | .023 | .025 | .028 | .032 | .033 | .035 | .038 | .041 | .041 | .042 | .043 | .042 | .041 | .039 | .035 | .035 | .031 | .028 | .029 | 23 | .043 | |
| 2 | .028 | .027 | .027 | BF | .023 | .024 | .025 | .026 | .027 | .029 | .032 | .035 | .037 | .038 | .040 | .041 | .041 | .041 | .038 | .031 | .029 | .032 | .033 | .034 | 23 | .041 | |
| 3 | .029 | .031 | .030 | BF | .030 | .028 | .027 | .024 | .021 | .025 | .028 | .034 | .037 | .039 | .033 | .032 | .032 | .030 | .026 | .027 | .027 | .027 | .029 | .028 | 23 | .039 | |
| 4 | .027 | .026 | .025 | BF | .023 | .021 | .018 | .022 | .024 | .027 | .035 | .042 | .046 | .046 | .047 | .047 | .048 | .048 | .045 | .042 | .036 | .034 | .032 | .026 | 23 | .048 | |
| 5 | .022 | .015 | .016 | BF | .008 | .006 | .008 | .016 | .018 | .029 | .033 | .034 | .027 | .021 | .023 | .023 | .029 | .031 | .035 | .035 | .035 | .031 | .028 | .024 | 23 | .035 | |
| 6 | .023 | .024 | .023 | BF | .023 | .021 | .023 | .032 | .032 | .032 | .034 | .037 | .038 | .037 | .036 | .035 | .037 | .036 | .036 | .036 | .036 | .036 | .037 | .038 | 23 | .038 | |
| 7 | .038 | .039 | .035 | BF | .032 | .029 | .029 | .034 | .038 | .041 | .042 | .043 | .045 | .045 | .046 | .046 | .046 | .045 | .044 | .039 | .036 | .037 | .038 | .037 | 23 | .046 | |
| 8 | .036 | .034 | .029 | BF | .022 | .029 | .025 | .022 | .038 | .044 | .047 | .049 | .051 | .053 | .054 | .056 | .057 | .057 | .055 | .045 | .035 | .025 | .024 | .017 | 23 | .057 | |
| 9 | .016 | .017 | .015 | BF | .006 | .007 | .006 | .022 | .034 | .042 | .049 | .054 | .058 | .061 | .061 | .060 | .059 | .057 | .053 | .050 | .048 | .045 | .044 | .045 | 23 | .061 | |
| 10 | .043 | .042 | .040 | BF | .036 | .032 | .032 | .036 | .038 | .040 | .044 | .049 | .051 | .051 | .051 | .052 | .052 | .050 | .047 | .045 | .044 | .044 | .042 | .039 | 23 | .052 | |
| 11 | .036 | .032 | .030 | BF | .028 | .026 | .023 | .026 | .030 | .035 | .039 | .044 | .047 | .049 | .052 | .051 | .049 | .048 | .044 | .042 | .039 | .037 | .036 | .036 | 23 | .052 | |
| 12 | .034 | .031 | .030 | BF | .027 | .021 | .018 | .023 | .026 | .029 | .036 | .040 | .046 | .048 | .048 | .049 | .051 | .051 | .045 | .038 | .025 | .011 | .010 | .010 | 23 | .051 | |
| 13 | .019 | .018 | .017 | BF | .018 | .025 | .030 | .027 | .029 | .039 | .042 | .045 | .048 | .050 | .051 | .052 | .053 | .055 | .047 | .039 | .034 | .030 | .025 | .021 | 23 | .055 | |
| 14 | .029 | .027 | .025 | BF | .025 | .026 | .024 | .024 | .025 | .026 | .030 | .032 | .036 | .042 | .044 | .045 | .043 | .040 | .037 | .035 | .034 | .033 | .032 | .031 | 23 | .045 | |
| 15 | .029 | .028 | .027 | BF | .026 | .024 | .022 | .023 | .029 | .036 | .042 | .046 | .044 | .044 | .045 | .048 | .049 | .048 | .045 | .042 | .042 | .040 | .037 | .035 | 23 | .049 | |
| 16 | .035 | .035 | .036 | BF | .035 | .033 | .032 | .032 | .035 | .036 | .037 | .039 | .040 | .041 | .043 | .045 | .044 | .044 | .041 | .038 | .037 | .036 | .035 | .033 | 23 | .045 | |
| 17 | .032 | .032 | .033 | BF | .034 | .031 | .029 | .030 | .033 | .037 | .042 | .046 | .048 | .049 | .052 | .048 | .037 | .027 | .023 | .017 | .010 | .012 | .013 | .014 | 23 | .052 | |
| 18 | .013 | .011 | .016 | BF | .024 | .029 | .032 | .030 | .029 | .031 | .034 | .037 | .040 | .039 | .038 | .038 | .038 | .038 | .038 | .038 | .038 | .039 | .035 | .037 | .038 | 23 | .040 |
| 19 | .037 | .036 | .036 | BF | .037 | .035 | .033 | .032 | .031 | .027 | .023 | .023 | .023 | .023 | .025 | .025 | .023 | .022 | .020 | .018 | .015 | .019 | .019 | .020 | 23 | .037 | |
| 20 | .019 | .016 | .017 | BF | .015 | .013 | .012 | .013 | .015 | .021 | .026 | .034 | .039 | .042 | .044 | .046 | .045 | .038 | .028 | .019 | .015 | .008 | .009 | .009 | 23 | .046 | |
| 21 | .011 | .012 | .012 | BF | .014 | .012 | .012 | .015 | .024 | .032 | .039 | .043 | .045 | .045 | .048 | .039 | .039 | .038 | .033 | .035 | .029 | .026 | .025 | .026 | 23 | .048 | |
| 22 | .021 | .017 | .014 | BF | .012 | .011 | .009 | .019 | .024 | .032 | .040 | .043 | .039 | .040 | .048 | .051 | .051 | .050 | .034 | .032 | .032 | .029 | .026 | .021 | 23 | .051 | |
| 23 | .024 | .030 | .028 | BF | .023 | .021 | .020 | .020 | .020 | .019 | .018 | .018 | .018 | .018 | .018 | .017 | .019 | .018 | .016 | .016 | .017 | .021 | .023 | .023 | 23 | .030 | |
| 24 | .023 | .022 | .021 | BF | .020 | .019 | .020 | .020 | .020 | .019 | .019 | .020 | .020 | .019 | .020 | .020 | .020 | .019 | .019 | .020 | .019 | .019 | .019 | .019 | 23 | .023 | |
| 25 | .020 | .021 | .021 | BF | .021 | .020 | .020 | .020 | .020 | BA | .021 | .022 | .025 | .026 | .028 | .029 | .029 | .027 | .025 | .021 | .017 | .018 | .013 | .007 | 22 | .029 | |
| 26 | .004 | .002 | .001 | BF | .000 | .000 | .003 | .017 | .025 | .029 | .032 | .034 | .037 | .041 | .044 | .046 | .047 | .045 | .044 | .040 | .036 | .032 | .030 | .027 | 23 | .047 | |
| 27 | .028 | .026 | .024 | BF | .025 | .024 | .022 | .027 | .028 | .039 | .044 | .047 | .045 | .042 | .039 | .037 | .030 | .025 | .025 | .022 | .020 | .020 | .021 | .021 | 23 | .047 | |
| 28 | .019 | .017 | .018 | BF | .010 | .007 | .010 | .014 | .023 | .028 | .035 | .039 | .035 | .036 | .036 | .037 | .036 | .034 | .033 | .030 | .027 | .022 | .021 | .023 | 23 | .039 | |
| 29 | .023 | .022 | .021 | BF | .020 | .018 | .017 | .017 | .019 | .023 | .025 | .027 | .029 | .031 | .032 | .034 | .034 | .030 | .026 | .025 | .024 | .024 | .024 | .021 | 23 | .034 | |
| 30 | .017 | .016 | .014 | BF | .016 | .015 | .015 | .017 | .021 | .021 | .023 | .023 | .025 | .025 | .025 | .024 | .025 | .023 | .020 | .021 | .019 | .020 | .020 | .019 | 23 | .025 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .043 | .042 | .040 | | .037 | .035 | .033 | .036 | .038 | .044 | .049 | .054 | .058 | .061 | .061 | .060 | .059 | .057 | .055 | .050 | .048 | .045 | .044 | .045 | | | |
| AVG: | .0254 | .0244 | .0235 | | .0219 | .0210 | .0207 | .0236 | .0269 | .0311 | .0342 | .0372 | .0387 | .0394 | .0404 | .0405 | .0402 | .0385 | .0354 | .0324 | .0297 | .0278 | .0270 | .0257 | | | |

MONTHLY OBSERVATIONS: 689 MONTHLY MEAN: .0307 MONTHLY MAX: .061

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
 COUNTY: (159) Rowan
 CITY: (57340) Rockwell
 SITE ADDRESS: 301 WEST ST & GOLD HILL AVENUE
 SITE COMMENTS: ON LOT OF THE CITY OF ROCKWELL PUBLIC WORKS OFFICE
 MONITOR COMMENTS: MONITOR TYPE: OZONE PRECURSOR

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.551868
 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .018 | .019 | .020 | BF | .021 | .021 | .020 | .020 | .021 | .020 | .020 | .021 | .023 | .026 | .027 | .026 | .026 | .029 | .026 | .026 | .023 | .025 | .027 | .026 | 23 | .029 |
| 2 | .026 | .025 | .028 | BF | .024 | .026 | .031 | .037 | .046 | .049 | .050 | .052 | .054 | .054 | .052 | .053 | .055 | .053 | .051 | .046 | .040 | .032 | .029 | .029 | 23 | .055 |
| 3 | .029 | .031 | .030 | BF | .022 | .012 | .011 | .030 | .039 | .046 | .049 | .051 | .052 | .053 | .053 | .054 | .052 | .046 | .038 | .034 | .035 | .036 | .032 | 23 | .054 | |
| 4 | .032 | .030 | .032 | BF | .035 | .034 | .035 | .035 | .039 | .041 | .044 | .046 | .048 | .044 | .039 | .036 | .042 | .037 | .035 | .038 | .026 | .023 | .020 | .020 | 23 | .048 |
| 5 | .019 | .023 | .023 | BF | .027 | .026 | .027 | .034 | .037 | .038 | .037 | .039 | .039 | .037 | .036 | .034 | .036 | .035 | .031 | .030 | .028 | .026 | .025 | .023 | 23 | .039 |
| 6 | .022 | .021 | .020 | BF | .019 | .018 | .019 | .024 | .028 | .036 | .042 | .043 | .044 | .045 | .044 | .043 | .041 | .040 | .042 | .039 | .038 | .037 | .037 | .035 | 23 | .045 |
| 7 | .033 | .032 | .032 | BF | .024 | .024 | .022 | .025 | .031 | .038 | .042 | .044 | .044 | .045 | .048 | .048 | .049 | .051 | .048 | .044 | .038 | .040 | .039 | .037 | 23 | .051 |
| 8 | .029 | .030 | .023 | BF | .009 | .011 | .021 | .026 | .040 | .043 | .049 | .053 | .057 | .059 | .062 | .063 | .064 | .062 | .058 | .045 | .032 | .030 | .026 | .021 | 23 | .064 |
| 9 | .016 | .011 | .011 | BF | .018 | .020 | .017 | .020 | .016 | .009 | .022 | .031 | .038 | .042 | .043 | .042 | .041 | .033 | .027 | .025 | .026 | .024 | .019 | .019 | 23 | .043 |
| 10 | .016 | .012 | .013 | BF | .002 | .001 | .002 | .012 | .022 | .031 | .046 | .053 | .056 | .061 | .058 | .060 | .062 | .059 | .052 | .043 | .045 | .029 | .024 | .019 | 23 | .062 |
| 11 | .023 | .020 | .012 | BF | .005 | .006 | .012 | .023 | .033 | BA | .044 | .044 | .046 | .046 | .053 | .051 | .047 | .048 | .046 | .043 | .038 | .035 | .030 | .023 | 22 | .053 |
| 12 | .028 | .028 | .021 | BF | .023 | .027 | .028 | .028 | .029 | .029 | .028 | .028 | .027 | .025 | .025 | .024 | .022 | .021 | .019 | .018 | .017 | .015 | .014 | .012 | 23 | .029 |
| 13 | .013 | .012 | .011 | BF | .012 | .012 | .012 | .014 | .015 | .014 | .017 | .021 | .025 | .029 | .030 | .031 | .032 | .032 | .029 | .025 | .022 | .015 | .012 | .008 | 23 | .032 |
| 14 | .005 | .013 | .010 | BF | .014 | .006 | .007 | .017 | .026 | .042 | .049 | .051 | .051 | .052 | .050 | .049 | .049 | .048 | .046 | .043 | .040 | .038 | .036 | .035 | 23 | .052 |
| 15 | .034 | .030 | .029 | BF | .027 | .017 | .013 | .036 | .042 | .051 | .053 | .054 | .053 | .052 | .051 | .053 | .053 | .053 | .046 | .029 | .023 | .021 | .017 | .010 | 23 | .054 |
| 16 | .012 | .011 | .015 | BF | .010 | .014 | .018 | .025 | .034 | .043 | .049 | .058 | .061 | .055 | .054 | .055 | .059 | .061 | .055 | .043 | .038 | .027 | .021 | .011 | 23 | .061 |
| 17 | .016 | .026 | .028 | BF | .024 | .021 | .024 | .029 | .036 | .046 | .054 | .063 | .058 | .054 | .052 | .050 | .050 | .048 | .044 | .043 | .043 | .040 | .039 | .037 | 23 | .063 |
| 18 | .035 | .034 | .031 | BF | .028 | .026 | .025 | .029 | .031 | .035 | .040 | .045 | .044 | .041 | .040 | .040 | .040 | .039 | .034 | .031 | .028 | .025 | .030 | .034 | 23 | .045 |
| 19 | .034 | .030 | .027 | BF | .022 | .021 | .020 | .025 | .030 | .040 | .045 | .049 | .049 | .049 | .053 | .056 | .050 | .037 | .033 | .032 | .029 | .024 | .021 | .016 | 23 | .056 |
| 20 | .015 | .015 | .019 | BF | .018 | .016 | .020 | .025 | .028 | .033 | .036 | .042 | .044 | .049 | .049 | .050 | .050 | .051 | .045 | .039 | .031 | .017 | .018 | .028 | 23 | .051 |
| 21 | .032 | .028 | .026 | BF | .021 | .019 | .017 | .016 | .016 | .016 | .016 | .018 | .020 | .021 | .020 | .020 | .019 | .015 | .015 | .018 | .017 | .017 | .016 | .016 | 23 | .032 |
| 22 | .019 | .021 | .019 | BF | .012 | .011 | .010 | .013 | .019 | .024 | .029 | .037 | .037 | .039 | .041 | .037 | .031 | .032 | .034 | .029 | .024 | .021 | .020 | .024 | 23 | .041 |
| 23 | .019 | .018 | .018 | BF | .015 | .015 | .018 | .021 | .020 | .021 | .021 | .023 | .024 | .025 | .029 | .028 | .024 | .024 | .024 | .021 | .018 | .015 | .017 | .015 | 23 | .029 |
| 24 | .016 | .016 | .016 | BF | .018 | .018 | .018 | .020 | .024 | .025 | .022 | .021 | .025 | .023 | .022 | .018 | .025 | .033 | .030 | .027 | .027 | .027 | .028 | .041 | 23 | .041 |
| 25 | .036 | .034 | .031 | BF | .029 | .028 | .027 | .026 | .023 | BA | .030 | .035 | .042 | .042 | .044 | .043 | .038 | .040 | .039 | .037 | .035 | .033 | .031 | .030 | 22 | .044 |
| 26 | .028 | .025 | .025 | BF | .029 | .030 | .028 | .031 | .040 | .047 | .050 | .054 | .056 | .053 | .056 | .055 | .054 | .051 | .047 | .043 | .040 | .032 | .028 | .024 | 23 | .056 |
| 27 | .017 | .022 | .021 | BF | .012 | .019 | .020 | .025 | .033 | .041 | .046 | .048 | .047 | .048 | .047 | .046 | .048 | .047 | .045 | .040 | .038 | .034 | .033 | .043 | 23 | .048 |
| 28 | .037 | .032 | .031 | BF | .023 | .024 | .025 | .026 | .032 | .041 | .046 | .047 | .046 | .043 | .041 | .039 | .039 | .040 | .032 | .026 | .020 | .022 | .021 | .020 | 23 | .047 |
| 29 | .018 | .015 | .011 | BF | .004 | .008 | .017 | .025 | .038 | .044 | .045 | .046 | .046 | .046 | .049 | .046 | .042 | .036 | .036 | .031 | .030 | .028 | .024 | .021 | 23 | .049 |
| 30 | .021 | .021 | .023 | BF | .018 | .015 | .014 | .015 | .020 | .024 | .030 | .034 | .035 | .036 | .040 | .043 | .044 | .043 | .039 | .031 | .029 | .021 | .017 | .011 | 23 | .044 |
| 31 | .010 | .013 | .011 | BF | .007 | .004 | .010 | .019 | .023 | .033 | .040 | .043 | .046 | .051 | .049 | .045 | .040 | .040 | .036 | .034 | .030 | .028 | .020 | .015 | 23 | .051 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .037 | .034 | .032 | | .035 | .034 | .035 | .037 | .046 | .051 | .054 | .063 | .061 | .061 | .062 | .063 | .064 | .062 | .058 | .046 | .045 | .040 | .039 | .043 | | |
| AVG: | .0228 | .0225 | .0215 | | .0185 | .0177 | .0190 | .0242 | .0294 | .0345 | .0384 | .0417 | .0431 | .0434 | .0438 | .0431 | .0428 | .0416 | .0384 | .0341 | .0305 | .0270 | .0250 | .0237 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0316 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
 COUNTY: (159) Rowan
 CITY: (57340) Rockwell
 SITE ADDRESS: 301 WEST ST & GOLD HILL AVENUE
 SITE COMMENTS: ON LOT OF THE CITY OF ROCKWELL PUBLIC WORKS OFFICE
 MONITOR COMMENTS: MONITOR TYPE: OZONE PRECURSOR

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
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 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .013 | .011 | .006 | BF | .005 | .005 | .011 | .021 | .024 | .035 | .046 | .056 | .055 | .057 | .057 | .058 | .057 | .054 | .039 | .035 | .028 | .030 | .025 | .021 | 23 | .058 | |
| 2 | .022 | .021 | .022 | BF | .023 | .019 | .021 | .028 | .036 | .043 | .051 | .056 | .056 | .054 | .055 | .056 | .055 | .053 | .049 | .036 | .026 | .019 | .018 | .016 | 23 | .056 | |
| 3 | .012 | .009 | .010 | BF | .014 | .012 | .017 | .030 | .043 | .049 | .050 | .055 | .061 | .058 | .056 | .057 | .058 | .055 | .050 | .041 | .036 | .027 | .024 | .025 | 23 | .061 | |
| 4 | .021 | .021 | .013 | BF | .008 | .007 | .011 | .023 | .029 | .031 | .033 | .033 | .036 | .038 | .039 | .033 | .035 | .031 | .024 | .025 | .021 | .024 | .024 | .023 | 23 | .039 | |
| 5 | .024 | .027 | .024 | BF | .019 | .018 | .016 | .018 | .014 | .013 | .017 | .025 | .028 | .029 | .030 | .031 | .027 | .022 | .030 | .030 | .028 | .027 | .023 | .019 | 23 | .031 | |
| 6 | .017 | .016 | .013 | BF | .008 | .009 | .013 | .018 | .027 | .035 | .041 | .045 | .048 | .049 | .049 | .049 | .049 | .041 | .035 | .027 | .021 | .038 | .034 | .031 | 23 | .049 | |
| 7 | .036 | .035 | .032 | BF | .032 | .029 | .030 | .028 | .027 | .033 | .038 | .040 | .041 | .042 | .042 | .043 | .044 | .046 | .047 | .045 | .036 | .023 | .021 | .022 | 23 | .042 | |
| 8 | .029 | .029 | .028 | BF | .030 | .031 | .029 | .031 | .034 | BA | .040 | .041 | .042 | .042 | .043 | .044 | .046 | .047 | .045 | .036 | .023 | .021 | .022 | .019 | 22 | .047 | |
| 9 | .015 | .014 | .012 | BF | .005 | .003 | .015 | .026 | .032 | .037 | .042 | .045 | .046 | .050 | .056 | .056 | .053 | .049 | .047 | .031 | .024 | .016 | .022 | .022 | 23 | .056 | |
| 10 | .025 | .028 | .021 | BF | .019 | .018 | .018 | .023 | .032 | .041 | .047 | .055 | .056 | .056 | .058 | .060 | .059 | .053 | .045 | .039 | .035 | .033 | .032 | .032 | 23 | .060 | |
| 11 | .032 | .030 | .027 | BF | .022 | .017 | .021 | .027 | .033 | .036 | .039 | .043 | .046 | .046 | .044 | .045 | .045 | .043 | .036 | .030 | .020 | .016 | .018 | .025 | 23 | .046 | |
| 12 | .026 | .025 | .020 | BF | .021 | .019 | .015 | .022 | .027 | .033 | .038 | .041 | .047 | .046 | .048 | .044 | .037 | .033 | .036 | .034 | .028 | .026 | .023 | .021 | 23 | .048 | |
| 13 | .020 | .022 | .022 | BF | .021 | .021 | .020 | .021 | .026 | .031 | .034 | .048 | .052 | .048 | .043 | .041 | .043 | .036 | .027 | .026 | .021 | .015 | .017 | .015 | 23 | .052 | |
| 14 | .016 | .012 | .004 | BF | .002 | .001 | .005 | .016 | .029 | .035 | .042 | .046 | .048 | .048 | .047 | .050 | .056 | .062 | .061 | .043 | .037 | .033 | .028 | .024 | 23 | .062 | |
| 15 | .019 | .015 | .011 | BF | .005 | .007 | .013 | .021 | .032 | .041 | .044 | .047 | .046 | .044 | .049 | .047 | .044 | .043 | .037 | .039 | .039 | .039 | .036 | 23 | .049 | | |
| 16 | .031 | .030 | .026 | BF | .023 | .016 | .016 | .021 | .029 | .036 | .042 | .044 | .046 | .049 | .049 | .048 | .048 | .044 | .033 | .031 | .037 | .028 | .022 | .019 | 23 | .049 | |
| 17 | .018 | .017 | .017 | BF | .014 | .012 | .015 | .016 | .020 | .020 | .021 | .027 | .035 | .039 | .039 | .041 | .038 | .033 | .023 | .017 | .033 | .031 | .030 | .027 | 23 | .041 | |
| 18 | .024 | .022 | .020 | BF | .017 | .016 | .016 | .020 | .024 | .027 | .032 | .033 | .032 | .031 | .028 | .027 | .027 | .029 | .030 | .029 | .027 | .028 | .029 | .025 | 23 | .033 | |
| 19 | .025 | .022 | .017 | BF | .011 | .009 | .010 | .013 | .018 | .025 | .028 | .030 | .031 | .030 | .031 | .031 | .034 | .033 | .032 | .027 | .024 | .023 | .023 | 23 | .034 | | |
| 20 | .029 | .026 | .021 | BF | .014 | .009 | .015 | .016 | .017 | .027 | .037 | .049 | .049 | .053 | .045 | .030 | .032 | .037 | .035 | AV | AV | AV | AV | AV | 18 | .053 | |
| 21 | AI | .031 | .030 | BF | .021 | .022 | .019 | .018 | .018 | .020 | .029 | .037 | .041 | .040 | .039 | .041 | .033 | .026 | .021 | .013 | .010 | .009 | .010 | .009 | 22 | .041 | |
| 22 | .009 | .009 | .008 | BF | .005 | .004 | .005 | .007 | .006 | BA | BA | .021 | .020 | .019 | .019 | .018 | .018 | .017 | .012 | .010 | .010 | .008 | .007 | .008 | 21 | .021 | |
| 23 | .008 | .009 | .010 | BF | .011 | .011 | .011 | BA | BA | BA | AI | .025 | .025 | .025 | .023 | .024 | .021 | .020 | .021 | .022 | .022 | .021 | .020 | .020 | 19 | .025 | |
| 24 | .020 | .016 | .013 | BF | .013 | .012 | .013 | .015 | .018 | .023 | .032 | .035 | .036 | .037 | .035 | .034 | .035 | .030 | .026 | .020 | .014 | .010 | .011 | .008 | 23 | .037 | |
| 25 | .004 | .002 | .007 | BF | .009 | .011 | .014 | .020 | .026 | .030 | .033 | .037 | .037 | .037 | .038 | .034 | .033 | .026 | .025 | .020 | .017 | .012 | .008 | .011 | 23 | .038 | |
| 26 | .010 | .020 | .025 | BF | .014 | .010 | .014 | .019 | .029 | .042 | .048 | .049 | .050 | .052 | .052 | .051 | .053 | .056 | .051 | .036 | .033 | .030 | .034 | .033 | 23 | .056 | |
| 27 | .026 | .026 | .020 | BF | .026 | .029 | .025 | .027 | .034 | .041 | .046 | .046 | .046 | .047 | .046 | .045 | .046 | .047 | .042 | .036 | .022 | .015 | .009 | .003 | 23 | .047 | |
| 28 | .004 | .005 | .009 | BF | .013 | .011 | .012 | .024 | .033 | .037 | .041 | .043 | .045 | .046 | .050 | .050 | .051 | .050 | .047 | .039 | .034 | .033 | .024 | .021 | 23 | .051 | |
| 29 | .022 | .028 | .028 | BF | .019 | .019 | .017 | .029 | .039 | .048 | .054 | .055 | .059 | .057 | .053 | .053 | .053 | .052 | .048 | .045 | .044 | .044 | .044 | .039 | 23 | .059 | |
| 30 | .035 | .032 | .028 | BF | .017 | .015 | .021 | .024 | .025 | .026 | .029 | .032 | .031 | .027 | .023 | .023 | .025 | .024 | .022 | .020 | .019 | .020 | .017 | .013 | 23 | .035 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 29 | 30 | 30 | | 30 | 30 | 30 | 29 | 29 | 27 | 28 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 29 | 29 | | | |
| MAX: | .036 | .035 | .032 | | .032 | .031 | .030 | .031 | .043 | .049 | .054 | .056 | .061 | .058 | .058 | .060 | .059 | .062 | .061 | .045 | .044 | .044 | .044 | .039 | | | |
| AVG: | .0204 | .0203 | .0181 | | .0154 | .0141 | .0159 | .0214 | .0269 | .0331 | .0384 | .0413 | .0430 | .0432 | .0429 | .0421 | .0417 | .0396 | .0357 | .0300 | .0262 | .0242 | .0230 | .0212 | | | |

MONTHLY OBSERVATIONS: 677 MONTHLY MEAN: .0295 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
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 LOCATION SETTING: RURAL

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 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .013 | .013 | .012 | BF | .008 | .007 | .007 | .008 | .013 | .019 | .027 | .032 | .033 | .031 | .032 | .035 | .028 | .027 | .026 | .022 | .021 | .025 | .024 | .020 | 23 | .035 |
| 2 | .018 | .016 | .020 | BF | .011 | .008 | .016 | .019 | .026 | .032 | .034 | .035 | .038 | .041 | .042 | .043 | .044 | .044 | .038 | .028 | .020 | .012 | .008 | .003 | 23 | .044 |
| 3 | .005 | .003 | .003 | BF | .001 | .001 | .008 | .027 | .031 | .037 | .040 | .042 | .042 | .039 | .045 | .046 | .034 | .031 | .033 | .032 | .030 | .035 | .026 | .019 | 23 | .046 |
| 4 | .014 | .012 | .014 | BF | .017 | .015 | .018 | .021 | .025 | .030 | .035 | .040 | .043 | .045 | .048 | .050 | .048 | .041 | .030 | .026 | .021 | .017 | .011 | .005 | 23 | .050 |
| 5 | .003 | .004 | .004 | BF | .004 | .003 | .006 | .010 | .017 | .028 | .035 | .037 | .040 | .040 | .044 | .046 | .047 | .030 | .022 | .018 | .016 | .014 | .008 | .007 | 23 | .047 |
| 6 | .005 | .002 | .001 | BF | .001 | .001 | .004 | .008 | .016 | BA | .038 | .037 | .036 | .043 | .044 | .043 | .041 | .037 | .033 | .028 | .022 | .015 | .016 | .017 | 22 | .044 |
| 7 | .018 | .016 | .014 | BF | .013 | .012 | .016 | .019 | .024 | .033 | .038 | .040 | .042 | .043 | .047 | .050 | .045 | .044 | .043 | .037 | .032 | .031 | .042 | .026 | 23 | .050 |
| 8 | .025 | .019 | .010 | BF | .010 | .011 | .015 | .019 | .027 | .032 | .038 | .048 | .045 | .044 | .050 | .052 | .048 | .046 | .040 | .035 | .030 | .025 | .019 | .019 | 23 | .052 |
| 9 | .017 | .017 | .016 | BF | .016 | .015 | .014 | .016 | .023 | .033 | .039 | .041 | .041 | .042 | .041 | .041 | .038 | .035 | .023 | .014 | .009 | .005 | .001 | 23 | .042 | |
| 10 | .004 | .004 | .006 | BF | .001 | .001 | .007 | .019 | .031 | .043 | .052 | .051 | .051 | .051 | .050 | .052 | .057 | .052 | .038 | .033 | .031 | .026 | .027 | .022 | 23 | .057 |
| 11 | .017 | .017 | .015 | BF | .011 | .005 | .006 | .013 | .022 | .035 | .048 | .052 | .050 | .050 | .060 | .067 | .071 | .062 | .048 | .033 | .029 | .026 | .038 | .035 | 23 | .071 |
| 12 | .027 | .023 | .017 | BF | AS | AS | AS | AS | BC | BC | BC | BC | .065 | .066 | .063 | .058 | .058 | .051 | .042 | .035 | .028 | .017 | .016 | .019 | 15 | .066 |
| 13 | .019 | .020 | .020 | BF | .021 | .019 | .018 | .022 | .032 | .041 | .047 | .049 | .051 | .057 | .070 | .073 | .074 | .070 | .052 | .042 | .035 | .028 | .023 | .023 | 23 | .074 |
| 14 | .023 | .017 | .013 | BF | .015 | .014 | .015 | .019 | .027 | .043 | .058 | .058 | .050 | .054 | .067 | .078 | .066 | .061 | .052 | .042 | .046 | .041 | .036 | .030 | 23 | .078 |
| 15 | .025 | .025 | .023 | BF | .019 | .018 | .019 | .022 | .034 | .042 | .047 | .051 | .051 | .044 | .042 | .036 | .041 | .046 | .040 | .037 | .029 | .025 | .024 | .021 | 23 | .051 |
| 16 | .016 | .015 | .012 | BF | .006 | .003 | .007 | .016 | .028 | .039 | .045 | .044 | .044 | .046 | .047 | .048 | .051 | .052 | .046 | .036 | .033 | .031 | .029 | .027 | 23 | .052 |
| 17 | .025 | .021 | .016 | BF | .013 | .012 | .018 | .023 | .029 | .039 | .045 | .049 | .047 | .049 | .049 | .047 | .040 | .039 | .035 | .029 | .026 | .029 | .029 | .029 | 23 | .049 |
| 18 | .026 | .021 | .017 | BF | .013 | .011 | .012 | .015 | .024 | .028 | .041 | .049 | .053 | .054 | .055 | .058 | .053 | .051 | .045 | .042 | .032 | .032 | .024 | .028 | 23 | .058 |
| 19 | .025 | .021 | .016 | BF | .004 | .003 | .004 | .014 | .028 | .048 | .057 | .057 | .057 | .059 | .060 | .061 | .061 | .053 | .045 | .036 | .027 | .030 | .027 | .022 | 23 | .061 |
| 20 | .017 | .012 | .011 | BF | .011 | .009 | .013 | .023 | .037 | .052 | .064 | .065 | .064 | .062 | .062 | .064 | .063 | .060 | .055 | .051 | .048 | .044 | .039 | .034 | 23 | .065 |
| 21 | .029 | .025 | .022 | BF | .006 | .005 | .005 | .030 | .044 | .052 | .056 | .056 | .058 | .058 | .061 | .062 | .061 | .060 | .054 | .038 | .039 | .040 | .039 | .035 | 23 | .062 |
| 22 | .032 | .029 | .027 | BF | .018 | .016 | .019 | .024 | .035 | .045 | .051 | .067 | .079 | .063 | .060 | .060 | .057 | .050 | .043 | .041 | .043 | .042 | .041 | .039 | 23 | .079 |
| 23 | .037 | .035 | .032 | BF | .024 | .023 | .022 | .027 | .039 | .052 | .059 | .051 | .048 | .049 | .043 | .045 | .033 | .027 | .023 | .021 | .024 | .031 | .026 | .021 | 23 | .059 |
| 24 | .027 | .025 | .017 | BF | .017 | .018 | .019 | .021 | .024 | .031 | .044 | .053 | .055 | .052 | .053 | .059 | .053 | .054 | .044 | .032 | .030 | .033 | .027 | .022 | 23 | .059 |
| 25 | .018 | .015 | .013 | BF | .005 | .003 | .012 | .022 | .037 | .050 | .056 | .060 | .066 | .069 | .069 | .067 | .066 | .061 | .053 | .043 | .035 | .027 | .027 | .026 | 23 | .069 |
| 26 | .025 | .023 | .020 | BF | .032 | .032 | .032 | .035 | .038 | .041 | .042 | .045 | .046 | .046 | .049 | .051 | .051 | .053 | .050 | .038 | .029 | .020 | .013 | .030 | 23 | .053 |
| 27 | .030 | .030 | .029 | BF | .027 | .030 | .030 | .032 | .035 | .040 | .045 | .048 | .051 | .054 | .055 | .054 | .051 | .044 | .042 | .037 | .034 | .029 | .023 | .016 | 23 | .055 |
| 28 | .009 | .013 | .011 | BF | .008 | .010 | .013 | .017 | .022 | .023 | .037 | .045 | .047 | .047 | .048 | .046 | .036 | .030 | .026 | .021 | .018 | .016 | .014 | .011 | 23 | .048 |
| 29 | .009 | .010 | .011 | BF | .012 | .019 | .018 | .025 | .038 | .046 | .048 | .051 | .051 | .051 | .046 | .049 | .046 | .047 | .047 | .042 | .036 | .033 | .033 | .031 | 23 | .051 |
| 30 | .028 | .025 | .022 | BF | .016 | .014 | .015 | .020 | .028 | .035 | .039 | .041 | .043 | .044 | .045 | .046 | .045 | .043 | .040 | .035 | .028 | .022 | .015 | .009 | 23 | .046 |
| 31 | .009 | .009 | .008 | BF | .007 | .006 | .010 | .018 | .032 | .040 | .047 | .050 | .055 | .063 | .064 | .065 | .064 | .062 | .057 | .046 | .038 | .031 | .022 | .012 | 23 | .065 |
| NO.: | 31 | 31 | 31 | | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .037 | .035 | .032 | | .032 | .032 | .032 | .035 | .044 | .052 | .064 | .067 | .079 | .069 | .070 | .078 | .074 | .070 | .057 | .051 | .048 | .044 | .042 | .039 | | |
| AVG: | .0192 | .0173 | .0152 | | .0122 | .0115 | .0139 | .0201 | .0289 | .0382 | .0451 | .0481 | .0497 | .0502 | .0520 | .0533 | .0508 | .0473 | .0412 | .0342 | .0298 | .0270 | .0242 | .0213 | | |

MONTHLY OBSERVATIONS: 704 MONTHLY MEAN: .0327 MONTHLY MAX: .079

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
 COUNTY: (159) Rowan
 CITY: (57340) Rockwell
 SITE ADDRESS: 301 WEST ST & GOLD HILL AVENUE
 SITE COMMENTS: ON LOT OF THE CITY OF ROCKWELL PUBLIC WORKS OFFICE
 MONITOR COMMENTS: MONITOR TYPE: OZONE PRECURSOR

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.551868
 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .011 | .007 | .006 | BF | .007 | .006 | .010 | .022 | .035 | .047 | .051 | .050 | .048 | .050 | .051 | .054 | .054 | .052 | .045 | .044 | .040 | .031 | .021 | .016 | 23 | .054 |
| 2 | .011 | .008 | .006 | BF | .003 | .007 | .007 | .009 | .014 | BA | .056 | .056 | .060 | .059 | .061 | .065 | .061 | .067 | .064 | .045 | .034 | .033 | .026 | .015 | 22 | .067 |
| 3 | .010 | .012 | .005 | BF | .003 | .004 | .010 | .023 | .039 | .055 | .057 | .062 | .060 | .060 | .056 | .054 | .050 | .049 | .045 | .038 | .034 | .032 | .031 | .029 | 23 | .062 |
| 4 | .028 | .025 | .021 | BF | .010 | .004 | .007 | .024 | .034 | .039 | .044 | .053 | .059 | .057 | .049 | .044 | .049 | .050 | .045 | .041 | .036 | .035 | .035 | .030 | 23 | .059 |
| 5 | .029 | .027 | .022 | BF | .016 | .014 | .015 | .017 | .027 | .032 | .036 | .042 | .045 | .047 | .049 | .053 | .054 | .052 | .046 | .034 | .026 | .016 | .018 | .024 | 23 | .054 |
| 6 | .024 | .023 | .026 | BF | .020 | .018 | .018 | .022 | .031 | .035 | .044 | .048 | .049 | .053 | .056 | .055 | .056 | .057 | .050 | .039 | .035 | .034 | .033 | .034 | 23 | .057 |
| 7 | .032 | .027 | .024 | BF | .018 | .017 | .015 | .012 | .013 | .013 | .013 | .016 | .023 | .025 | .030 | .029 | .029 | .028 | .025 | .021 | .017 | .012 | .017 | .026 | 23 | .032 |
| 8 | .024 | .019 | .016 | BF | .016 | .016 | .024 | .020 | .019 | .022 | .024 | .025 | .028 | .033 | .034 | .038 | .035 | .040 | .036 | .034 | .033 | .028 | .021 | .019 | 23 | .040 |
| 9 | .019 | .017 | .016 | BF | .015 | .013 | .014 | .023 | .033 | .039 | .044 | .049 | .051 | .051 | .051 | .050 | .049 | .049 | .046 | .037 | .028 | .022 | .019 | .016 | 23 | .051 |
| 10 | .009 | .004 | .003 | BF | .006 | .005 | .015 | .023 | .031 | .042 | .045 | .048 | .051 | .053 | .054 | .053 | .051 | .047 | .038 | .031 | .021 | .010 | .006 | .011 | 23 | .054 |
| 11 | .015 | .010 | .012 | BF | .007 | .005 | .010 | .019 | .023 | .034 | .038 | .039 | .037 | .035 | .027 | .026 | .028 | .030 | .025 | .018 | .011 | .008 | .009 | .008 | 23 | .039 |
| 12 | .008 | .013 | .015 | BF | .012 | .012 | .011 | .014 | .016 | .017 | .020 | .028 | .031 | .035 | .038 | .042 | .044 | .037 | .029 | .023 | .028 | .031 | .022 | .023 | 23 | .044 |
| 13 | .020 | .025 | .027 | BF | .021 | .018 | .021 | .024 | .030 | .036 | .037 | .038 | .039 | .040 | .039 | .041 | .042 | .036 | .032 | .031 | .032 | .034 | .033 | .032 | 23 | .042 |
| 14 | .032 | .030 | .027 | BF | .021 | .017 | .018 | .020 | .021 | .019 | .021 | .026 | .038 | .044 | .044 | .043 | .042 | .041 | .038 | .038 | .038 | .029 | .035 | .031 | 23 | .044 |
| 15 | .026 | .022 | .017 | BF | .015 | .014 | .009 | .021 | .029 | .031 | .034 | .037 | .042 | .044 | .047 | .038 | .033 | .033 | .025 | .020 | .009 | .010 | .009 | 23 | .047 | |
| 16 | .005 | .003 | .008 | BF | .009 | .010 | .011 | .014 | .025 | .035 | .038 | .039 | .040 | .045 | .053 | .050 | .055 | .046 | .038 | .030 | .027 | .018 | .018 | .011 | 23 | .055 |
| 17 | .010 | .012 | .008 | BF | .005 | .004 | .007 | .019 | .030 | .040 | .047 | .047 | .060 | .065 | .061 | .060 | .064 | .063 | .055 | .044 | .037 | .031 | .027 | .026 | 23 | .065 |
| 18 | .023 | .021 | .016 | BF | .010 | .007 | .010 | .017 | .026 | BA | .050 | .052 | .046 | .049 | .052 | .060 | .054 | .046 | .036 | .028 | .026 | .021 | .018 | .013 | 22 | .060 |
| 19 | .009 | .010 | .006 | BF | .008 | .010 | .018 | .024 | .030 | .040 | .051 | .054 | .053 | .052 | .053 | .053 | .052 | .051 | .045 | .035 | .019 | .010 | .007 | .005 | 23 | .054 |
| 20 | .001 | .002 | .002 | BF | .006 | .007 | .008 | .019 | .028 | .041 | .051 | .053 | .053 | .053 | .054 | .056 | .056 | .052 | .045 | .034 | .033 | .042 | .046 | .046 | 23 | .056 |
| 21 | .038 | .035 | .031 | BF | .018 | .007 | .006 | .018 | .030 | .044 | .055 | .051 | .051 | .046 | .043 | .052 | .052 | .050 | .044 | .031 | .029 | .025 | .027 | .028 | 23 | .055 |
| 22 | .022 | .017 | .012 | BF | .006 | .004 | .006 | .014 | .021 | .033 | .043 | .051 | .058 | .069 | .069 | .065 | .053 | .045 | .039 | .033 | .029 | .024 | .021 | .018 | 23 | .069 |
| 23 | .017 | .015 | .014 | BF | .013 | .012 | .011 | .017 | .029 | .045 | .053 | .056 | .057 | .051 | .039 | .036 | .042 | .047 | .037 | .018 | .014 | .009 | .009 | .021 | 23 | .057 |
| 24 | .031 | .027 | .023 | BF | .024 | .021 | .020 | .024 | .032 | .035 | .034 | .040 | .046 | .049 | .050 | .050 | .051 | .051 | .050 | .043 | .035 | .033 | .025 | .024 | 23 | .051 |
| 25 | .020 | .022 | .018 | BF | .016 | .016 | .019 | .030 | .040 | .045 | .051 | .053 | .055 | .056 | .056 | .055 | .055 | .052 | .042 | .037 | .034 | .027 | .027 | .027 | 23 | .056 |
| 26 | .026 | .017 | .019 | BF | .014 | .014 | .016 | .021 | .030 | .036 | .039 | .043 | .047 | .049 | .049 | .049 | .049 | .048 | .046 | .041 | .037 | .029 | .032 | .034 | 23 | .049 |
| 27 | .028 | .027 | .029 | BF | .032 | .033 | .031 | .036 | .041 | .044 | .047 | .051 | .052 | .053 | .054 | .054 | .053 | .050 | .047 | .044 | .042 | .040 | .039 | .038 | 23 | .054 |
| 28 | .039 | .041 | .039 | BF | .037 | .033 | .032 | .032 | .037 | .042 | .046 | .048 | .049 | .050 | .049 | .050 | .050 | .049 | .049 | .047 | .044 | .043 | .039 | .036 | 23 | .050 |
| 29 | .034 | .030 | .029 | BF | .028 | .027 | .027 | .028 | .028 | .033 | .031 | .032 | .032 | .034 | .034 | .034 | .034 | .034 | .035 | .035 | .029 | .019 | .011 | .006 | 23 | .035 |
| 30 | .009 | .008 | .006 | BF | .002 | .002 | .003 | .020 | .027 | .034 | .040 | .043 | .049 | .054 | .059 | .068 | .070 | .066 | .059 | .050 | .041 | .033 | .028 | .020 | 23 | .070 |
| 31 | .013 | .014 | .014 | BF | .014 | .011 | .009 | .012 | BA | .028 | .029 | .029 | .030 | .029 | .026 | .021 | .020 | .019 | .016 | .013 | .012 | .010 | .010 | .013 | 22 | .030 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .039 | .041 | .039 | | .037 | .033 | .032 | .036 | .041 | .055 | .057 | .062 | .060 | .069 | .068 | .070 | .067 | .064 | .050 | .044 | .043 | .046 | .046 | | | |
| AVG: | .0201 | .0184 | .0167 | | .0139 | .0125 | .0141 | .0206 | .0283 | .0357 | .0409 | .0438 | .0464 | .0481 | .0480 | .0486 | .0481 | .0464 | .0413 | .0343 | .0297 | .0251 | .0232 | .0222 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0316 MONTHLY MAX: .070

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
 COUNTY: (159) Rowan
 CITY: (57340) Rockwell
 SITE ADDRESS: 301 WEST ST & GOLD HILL AVENUE
 SITE COMMENTS: ON LOT OF THE CITY OF ROCKWELL PUBLIC WORKS OFFICE
 MONITOR COMMENTS: MONITOR TYPE: OZONE PRECURSOR

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.551868
 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .012 | .014 | .014 | BF | .011 | .010 | .006 | .010 | BA | BA | .024 | .026 | .026 | .024 | .024 | .029 | .025 | .021 | .020 | .020 | .020 | .017 | .015 | .015 | 21 | .029 | |
| 2 | .013 | .013 | .014 | BF | .015 | .014 | .014 | .012 | .012 | .012 | .014 | .021 | .023 | .026 | .031 | .035 | .035 | .029 | .024 | .020 | .016 | .013 | .012 | .010 | 23 | .035 | |
| 3 | .007 | .005 | .003 | BF | .002 | .002 | .002 | .006 | .019 | .031 | .038 | .041 | .043 | .047 | .054 | .049 | .050 | .048 | .034 | .022 | .013 | .007 | .004 | .004 | 23 | .054 | |
| 4 | .003 | .003 | .004 | BF | .003 | .006 | .003 | .012 | .024 | .036 | .043 | .046 | .048 | .050 | .054 | .061 | .056 | .052 | .047 | .035 | .020 | .018 | .020 | .014 | 23 | .061 | |
| 5 | .009 | .011 | .011 | BF | .014 | .014 | .013 | .018 | .027 | .038 | .049 | .061 | .062 | .058 | .057 | .058 | .056 | .050 | .049 | .047 | .047 | .043 | .039 | .039 | 23 | .062 | |
| 6 | .033 | .027 | .018 | BF | .018 | .017 | .019 | .022 | .025 | .028 | .025 | .025 | .032 | .030 | .029 | .027 | .028 | .029 | .026 | .021 | .016 | .013 | .015 | .016 | 23 | .033 | |
| 7 | .017 | .009 | .017 | BF | .013 | .005 | .003 | .012 | .024 | .033 | .040 | .042 | .044 | .045 | .045 | .048 | .049 | .047 | .038 | .025 | .011 | .007 | .003 | .004 | 23 | .049 | |
| 8 | .006 | .007 | .009 | BF | AS | AS | 3 | .009 |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 10 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 11 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 12 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 13 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 14 | AO | AO | AO | AO | AO | AO | AO | AO | BA | BC | BC | BC | .051 | .053 | .055 | .054 | .052 | .047 | .034 | .018 | .011 | .012 | .011 | .012 | 12 | .055 | |
| 15 | .007 | .005 | .005 | BF | .010 | .006 | .007 | .013 | .019 | .027 | .032 | .038 | .041 | .041 | .041 | .044 | .044 | .040 | .036 | .022 | .012 | .008 | .008 | .006 | 23 | .044 | |
| 16 | .005 | .004 | .003 | BF | .007 | .006 | .006 | .009 | .016 | .029 | .038 | .043 | .045 | .045 | .048 | .050 | .049 | .048 | .038 | .030 | .018 | .012 | .012 | .011 | 23 | .050 | |
| 17 | .010 | .009 | .009 | BF | .007 | .009 | .008 | .012 | .023 | .028 | .037 | .042 | .043 | .044 | .045 | .046 | .045 | .043 | .035 | .026 | .016 | .012 | .010 | .009 | 23 | .046 | |
| 18 | .008 | .007 | .006 | BF | .009 | .008 | .009 | .012 | .017 | .027 | .040 | .042 | .045 | .046 | .046 | .046 | .046 | .040 | .032 | .026 | .018 | .014 | .009 | .007 | 23 | .046 | |
| 19 | .011 | .016 | .011 | BF | .009 | .011 | .011 | .017 | .025 | .029 | .035 | .042 | .046 | .047 | .050 | .056 | .053 | .048 | .032 | .018 | .015 | .013 | .011 | .010 | 23 | .056 | |
| 20 | .012 | .012 | .007 | BF | .002 | .002 | .002 | .009 | .022 | .036 | .047 | .051 | .058 | .062 | .056 | .054 | .051 | .044 | .030 | .017 | .012 | .010 | .004 | .004 | 23 | .062 | |
| 21 | .009 | .008 | .006 | BF | .011 | .015 | .016 | .017 | .025 | .030 | .040 | .048 | .051 | .052 | .052 | .053 | .055 | .052 | .041 | .031 | .030 | .033 | .030 | .019 | 23 | .055 | |
| 22 | .020 | .015 | .012 | BF | .006 | .009 | .008 | .013 | .024 | BA | .050 | .053 | .053 | .055 | .056 | .056 | .058 | .053 | .044 | .024 | .023 | .013 | .010 | .006 | 22 | .058 | |
| 23 | .004 | .007 | .005 | BF | .005 | .005 | .003 | .013 | .022 | .034 | .047 | .051 | .052 | .054 | .058 | .058 | .054 | .053 | .048 | .042 | .036 | .025 | .023 | .019 | 23 | .058 | |
| 24 | .015 | .012 | .013 | BF | .013 | .015 | .016 | .021 | .028 | .037 | .044 | .048 | .050 | .053 | .054 | .052 | .049 | .043 | .035 | .029 | .027 | .027 | .029 | .027 | 23 | .054 | |
| 25 | .024 | .024 | .023 | BF | .020 | .016 | .015 | .018 | .027 | .040 | .048 | .051 | .050 | .051 | .051 | .050 | .047 | .040 | .033 | .034 | .031 | .030 | .029 | 23 | .051 | | |
| 26 | .028 | .026 | .024 | BF | .021 | .023 | .024 | .027 | .030 | .032 | .033 | .035 | .035 | .032 | .034 | .036 | .034 | .029 | .024 | .021 | .012 | .013 | .013 | .014 | 23 | .036 | |
| 27 | .016 | .018 | .017 | BF | .019 | .021 | .017 | .019 | .026 | .039 | .047 | .049 | .050 | .052 | .053 | .054 | .055 | .052 | .039 | .032 | .027 | .032 | .033 | .033 | 23 | .055 | |
| 28 | .034 | .039 | .039 | BF | .039 | .035 | .020 | .034 | .046 | BA | .058 | .060 | .063 | .064 | .063 | .066 | .063 | .056 | .045 | .032 | .035 | .040 | .037 | .041 | 22 | .066 | |
| 29 | .040 | .038 | .039 | BF | .038 | .038 | .039 | .039 | .040 | .040 | .039 | .041 | .042 | .046 | .048 | .049 | .049 | .045 | .044 | .037 | .035 | .032 | .025 | .025 | 23 | .049 | |
| 30 | .024 | .016 | .015 | BF | .016 | .017 | .017 | .020 | .027 | .040 | .046 | .048 | .051 | .051 | .052 | .048 | .047 | .048 | .041 | .037 | .030 | .029 | .030 | .032 | 23 | .052 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| NO.: | 24 | 24 | 24 | | 23 | 23 | 23 | 23 | 22 | 20 | 23 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | | |
| MAX: | .040 | .039 | .039 | | .039 | .038 | .039 | .039 | .046 | .040 | .058 | .061 | .063 | .064 | .063 | .066 | .063 | .056 | .049 | .047 | .047 | .043 | .039 | .041 | | | |
| AVG: | .0153 | .0144 | .0135 | | .0134 | .0132 | .0121 | .0167 | .0249 | .0323 | .0397 | .0437 | .0460 | .0470 | .0482 | .0492 | .0480 | .0443 | .0365 | .0277 | .0223 | .0198 | .0180 | .0169 | | | |

MONTHLY OBSERVATIONS: 540 MONTHLY MEAN: .0289 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
 COUNTY: (159) Rowan
 CITY: (57340) Rockwell
 SITE ADDRESS: 301 WEST ST & GOLD HILL AVENUE
 SITE COMMENTS: ON LOT OF THE CITY OF ROCKWELL PUBLIC WORKS OFFICE
 MONITOR COMMENTS: MONITOR TYPE: OZONE PRECURSOR

STATE: (37) North Carolina
 AQCR: (167) METROPOLITAN CHARLOTTE
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
 LATITUDE: 35.551868
 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .031 | .029 | .028 | BF | .026 | .023 | .022 | .023 | .025 | .031 | .034 | .035 | .037 | .038 | .040 | .041 | .040 | .036 | .030 | .028 | .020 | .021 | .014 | .012 | 23 | .041 |
| 2 | .008 | .007 | .005 | BF | .003 | .003 | .004 | .009 | .020 | .030 | .038 | .040 | .042 | .043 | .044 | .044 | .044 | .042 | .035 | .029 | .024 | .019 | .016 | .016 | 23 | .044 |
| 3 | .012 | .010 | .012 | BF | .009 | .012 | .009 | .014 | .021 | .035 | .043 | .048 | .050 | .051 | .053 | .054 | .054 | .049 | .043 | .036 | .031 | .023 | .021 | .018 | 23 | .054 |
| 4 | .015 | .011 | .008 | BF | .008 | .011 | .012 | .015 | .021 | .030 | .043 | .050 | .053 | .055 | .057 | .059 | .053 | .040 | .028 | .021 | .013 | .012 | .007 | .007 | 23 | .059 |
| 5 | .007 | .007 | .008 | BF | .006 | .004 | .002 | .007 | .024 | .032 | .042 | .045 | .050 | .051 | .050 | .051 | .048 | .043 | .032 | .017 | .011 | .007 | .008 | .007 | 23 | .051 |
| 6 | .006 | .012 | .018 | BF | .003 | .002 | .004 | .006 | .014 | .030 | .035 | .041 | .042 | .041 | .042 | .042 | .043 | .039 | .035 | .022 | .014 | .003 | .003 | .004 | 23 | .043 |
| 7 | .003 | .011 | .007 | BF | .005 | .003 | .003 | .006 | .010 | .013 | .022 | .026 | .021 | .019 | .017 | .018 | .016 | .015 | .012 | .012 | .011 | .008 | .004 | .005 | 23 | .026 |
| 8 | .004 | .003 | .002 | BF | .003 | .005 | .005 | .007 | .009 | .013 | .015 | .017 | .018 | .020 | .020 | .015 | .015 | .014 | .014 | .014 | .014 | .014 | .014 | .013 | 23 | .020 |
| 9 | .014 | .014 | .014 | BF | .014 | .015 | .016 | .015 | .017 | .017 | .019 | .025 | .030 | .027 | .024 | .027 | .026 | .024 | .017 | .009 | .011 | .006 | .006 | .009 | 23 | .030 |
| 10 | .009 | .010 | .010 | BF | .011 | .008 | .005 | .007 | .014 | .016 | .020 | .030 | .032 | .035 | .038 | .037 | .028 | .022 | .022 | .013 | .013 | .014 | .017 | .015 | 23 | .038 |
| 11 | .012 | .010 | .010 | BF | .009 | .007 | .004 | .005 | .012 | .021 | .031 | .036 | .041 | .046 | .052 | .052 | .049 | .037 | .030 | .027 | .023 | .020 | .017 | .014 | 23 | .052 |
| 12 | .011 | .009 | .004 | BF | .003 | .002 | .002 | .004 | .018 | .032 | .037 | .034 | .032 | .035 | .035 | .031 | .030 | .030 | .029 | .031 | .030 | .029 | .027 | .022 | 23 | .037 |
| 13 | .019 | .019 | .018 | BF | .019 | .020 | .020 | .020 | .019 | BA | .017 | .016 | .019 | .019 | .020 | .019 | .018 | .018 | .017 | .019 | .020 | .022 | .021 | .022 | 22 | .022 |
| 14 | .021 | .019 | .021 | BF | .023 | .021 | .019 | .018 | .022 | .025 | .025 | .026 | .027 | .030 | .034 | .036 | .036 | .030 | .020 | .016 | .009 | .002 | .002 | .002 | 23 | .036 |
| 15 | .002 | .002 | .002 | BF | .002 | .004 | .005 | .008 | .013 | .021 | .028 | .035 | .039 | .041 | .042 | .040 | .038 | .033 | .028 | .025 | .022 | .022 | .023 | .022 | 23 | .042 |
| 16 | .021 | .019 | .017 | BF | .009 | .014 | .023 | .021 | .017 | .019 | .023 | .026 | .030 | .034 | .035 | .037 | .037 | .037 | .036 | .033 | .032 | .032 | .031 | .028 | 23 | .037 |
| 17 | .026 | .025 | .023 | BF | .018 | .017 | .013 | .015 | .020 | .028 | .032 | .035 | .039 | .042 | .044 | .046 | .046 | .041 | .031 | .022 | .014 | .009 | .008 | .007 | 23 | .046 |
| 18 | .008 | .003 | .003 | BF | .002 | .002 | .002 | .005 | .016 | .030 | .035 | .040 | .044 | .045 | .049 | .050 | .049 | .041 | .031 | .027 | .015 | .007 | .004 | .005 | 23 | .050 |
| 19 | .007 | .004 | .005 | BF | .003 | .002 | .002 | .004 | .018 | .028 | .037 | .045 | .048 | .052 | .051 | .053 | .056 | .047 | .024 | .013 | .012 | .011 | .009 | .006 | 23 | .056 |
| 20 | .005 | .004 | .003 | BF | .003 | .002 | .002 | .005 | .021 | .030 | .039 | .049 | .054 | .058 | .060 | .059 | .060 | .057 | .041 | .027 | .016 | .008 | .004 | .004 | 23 | .060 |
| 21 | .005 | .004 | .004 | BF | .004 | .003 | .003 | .008 | .025 | .034 | .043 | .053 | .056 | .057 | .058 | .058 | .050 | .044 | .038 | .025 | .020 | .013 | .011 | .011 | 23 | .058 |
| 22 | .010 | .006 | .005 | BF | .005 | .003 | .003 | .005 | .024 | .031 | .047 | .049 | .048 | .047 | .045 | .045 | .044 | .041 | .037 | .033 | .032 | .030 | .032 | .035 | 23 | .049 |
| 23 | .038 | .035 | .035 | BF | .032 | .027 | .022 | .024 | .027 | .026 | .026 | .027 | .028 | .028 | .030 | .031 | .030 | .033 | .039 | .036 | .031 | .030 | .027 | .022 | 23 | .039 |
| 24 | .020 | .018 | .015 | BF | .014 | .010 | .009 | .011 | .012 | .016 | .023 | .031 | .035 | .042 | .046 | .047 | .043 | .038 | .033 | .031 | .026 | .021 | .021 | .028 | 23 | .047 |
| 25 | .033 | .028 | .023 | BF | .008 | .010 | .003 | .004 | .026 | .034 | .036 | .040 | .041 | .044 | .042 | .046 | .043 | .035 | .032 | .030 | .028 | .026 | .022 | .018 | 23 | .046 |
| 26 | .029 | .028 | .024 | BF | .028 | .029 | .021 | .023 | .028 | BA | .039 | .041 | .043 | .044 | .043 | .044 | .043 | .037 | .022 | .020 | .011 | .009 | .010 | .009 | 22 | .044 |
| 27 | .015 | .014 | .008 | BF | .004 | .004 | .002 | .003 | .019 | .027 | .034 | .039 | .047 | .054 | .055 | .056 | .052 | .050 | .044 | .043 | .043 | .043 | .042 | .041 | 23 | .056 |
| 28 | .039 | .037 | .034 | BF | .028 | .022 | .012 | .016 | .034 | .037 | .038 | .041 | .043 | .044 | .043 | .041 | .040 | .038 | .036 | .035 | .035 | .035 | .034 | .032 | 23 | .044 |
| 29 | .030 | .029 | .026 | BF | .025 | .025 | .023 | .021 | .022 | .022 | .015 | .019 | .019 | .019 | .021 | .021 | .022 | .023 | .024 | .023 | .024 | .025 | .025 | .023 | 23 | .030 |
| 30 | .023 | .022 | .022 | BF | .018 | .020 | .018 | .022 | .027 | .030 | .034 | .037 | .039 | .038 | .041 | .040 | .035 | .032 | .027 | .030 | .029 | .028 | .027 | .026 | 23 | .041 |
| 31 | .024 | .017 | .012 | BF | .004 | .004 | .002 | .003 | .014 | .020 | .029 | .039 | .046 | .051 | .053 | .055 | .052 | .047 | .040 | .035 | .029 | .033 | .025 | .016 | 23 | .055 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .039 | .037 | .035 | | .032 | .029 | .023 | .024 | .034 | .037 | .047 | .053 | .056 | .058 | .060 | .059 | .060 | .057 | .044 | .043 | .043 | .043 | .042 | .041 | | |
| AVG: | .0164 | .0150 | .0137 | | .0113 | .0108 | .0094 | .0114 | .0196 | .0261 | .0316 | .0360 | .0385 | .0403 | .0414 | .0418 | .0402 | .0363 | .0303 | .0255 | .0216 | .0188 | .0173 | .0161 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0248 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
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 CITY: (57340) Rockwell
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 MONITOR COMMENTS: MONITOR TYPE: OZONE PRECURSOR

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 LAND USE: COMMERCIAL
 LOCATION SETTING: RURAL

CAS NUMBER: 10028-15-6
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 LONGITUDE: -80.395039
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 240
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .014 | .015 | .017 | BF | .018 | .009 | .002 | .007 | .016 | .031 | .048 | .054 | .055 | .060 | .059 | .054 | .049 | .040 | .032 | .026 | .033 | .039 | .038 | .037 | 23 | .060 | |
| 2 | .035 | .032 | .025 | BF | .014 | .010 | .002 | .004 | .012 | .031 | .038 | .039 | .042 | .044 | .045 | .046 | .046 | .039 | .027 | .012 | .008 | .007 | .006 | .003 | 23 | .046 | |
| 3 | .004 | .003 | .002 | BF | .002 | .002 | .002 | .002 | .014 | .029 | .039 | .041 | .043 | .046 | .047 | .043 | .039 | .031 | .024 | .005 | .005 | .009 | .009 | .020 | 23 | .047 | |
| 4 | .022 | .021 | .020 | BF | .019 | .017 | .016 | .016 | .021 | .022 | .023 | .023 | .024 | .020 | .017 | .016 | .015 | .014 | .014 | .014 | .014 | .013 | .011 | .010 | 23 | .024 | |
| 5 | .010 | .010 | .009 | BF | .008 | .008 | .007 | .007 | .007 | .007 | .008 | .008 | .010 | .012 | .012 | .014 | .014 | .016 | .019 | .019 | .022 | .020 | .014 | .007 | 23 | .022 | |
| 6 | .007 | .011 | .010 | BF | .008 | .010 | .015 | .015 | .014 | .016 | .021 | .027 | .027 | .030 | .033 | .035 | .034 | .024 | .017 | .017 | .009 | .006 | .003 | .004 | 23 | .035 | |
| 7 | .004 | .003 | .002 | BF | .003 | .005 | .008 | .009 | .011 | .013 | .010 | .012 | .012 | .015 | .018 | .016 | .011 | .010 | .006 | .002 | .002 | .003 | .006 | .010 | 23 | .018 | |
| 8 | .013 | .015 | .015 | BF | .019 | .018 | .017 | .017 | .017 | .018 | .021 | .022 | .024 | .024 | .023 | .022 | .021 | .019 | .019 | .020 | .022 | .022 | .022 | .021 | 23 | .024 | |
| 9 | .019 | .019 | .018 | BF | .017 | .017 | .017 | .017 | .017 | .016 | BA | BA | BA | .016 | .017 | .018 | .018 | .017 | .017 | .010 | .004 | .003 | .003 | .004 | 20 | .019 | |
| 10 | .004 | .009 | .017 | BF | .006 | .011 | .009 | .007 | .021 | .026 | .033 | .035 | .037 | .039 | .042 | .043 | .041 | .035 | .027 | .031 | .037 | .038 | .035 | .032 | 23 | .043 | |
| 11 | .035 | .035 | .035 | BF | .033 | .032 | .031 | .031 | .032 | .034 | .035 | .037 | .038 | .039 | .041 | .041 | .040 | .034 | .025 | .028 | .022 | .012 | .011 | .017 | 23 | .041 | |
| 12 | .018 | .018 | .015 | BF | .015 | .015 | .014 | .012 | .014 | .019 | .023 | .028 | .030 | .030 | .033 | .033 | .025 | .023 | .023 | .023 | .023 | .027 | .028 | .026 | 23 | .033 | |
| 13 | .015 | .014 | .014 | BF | .014 | .017 | .020 | .017 | .014 | .014 | .011 | .017 | .025 | .029 | .036 | .038 | .036 | .034 | .032 | .029 | .028 | .026 | .026 | .026 | 23 | .038 | |
| 14 | .024 | .021 | .017 | BF | .011 | .009 | .009 | .009 | .014 | .023 | .027 | .027 | .028 | .028 | .029 | .030 | .028 | .027 | .024 | .027 | .025 | .024 | .021 | .015 | 23 | .030 | |
| 15 | .012 | .008 | .014 | BF | .010 | .008 | .009 | .013 | .018 | .026 | .031 | .031 | .032 | .034 | .035 | .035 | .033 | .023 | .016 | .006 | .003 | .002 | .008 | .006 | 23 | .035 | |
| 16 | .004 | .005 | .004 | BF | .003 | .007 | .008 | .005 | .015 | .022 | .032 | .037 | .039 | .041 | .042 | .042 | .041 | .035 | .034 | .030 | .033 | .030 | .023 | .024 | 23 | .042 | |
| 17 | .021 | .019 | .020 | BF | .018 | .020 | .021 | .016 | .019 | .021 | .026 | .031 | .033 | .034 | .036 | .038 | .036 | .031 | .036 | .032 | .025 | .021 | .027 | .027 | 23 | .038 | |
| 18 | .027 | .027 | .027 | BF | .025 | .023 | .021 | .019 | .021 | .027 | .030 | .038 | .044 | .046 | .047 | .045 | .042 | .043 | .042 | .043 | .042 | .041 | .041 | .042 | 23 | .047 | |
| 19 | .042 | .038 | .030 | BF | .016 | .010 | .020 | .021 | .021 | .021 | .024 | .025 | .024 | .027 | .030 | .031 | .033 | .031 | .029 | .027 | .027 | .025 | .018 | .013 | 23 | .042 | |
| 20 | .010 | .007 | .006 | BF | .004 | .003 | .003 | .002 | .010 | .028 | .031 | .034 | .037 | .040 | .041 | .041 | .038 | .035 | .034 | .024 | .015 | .014 | .017 | .028 | 23 | .041 | |
| 21 | .024 | .023 | .025 | BF | .018 | .004 | .002 | .004 | .012 | BA | .032 | .037 | .038 | .037 | .036 | .035 | .029 | .019 | .019 | .021 | .018 | .015 | .015 | .016 | 22 | .038 | |
| 22 | .014 | .012 | .012 | BF | .005 | .008 | .007 | .011 | .014 | .023 | .034 | .042 | .043 | .044 | .045 | .044 | .042 | .038 | .035 | .030 | .030 | .030 | .028 | .027 | 23 | .045 | |
| 23 | .026 | .026 | .026 | BF | .024 | .021 | .021 | .021 | .021 | .024 | .027 | .029 | .032 | .035 | .037 | .037 | .036 | .032 | .024 | .015 | .010 | .004 | .002 | .002 | 23 | .037 | |
| 24 | .002 | .002 | .002 | BF | .002 | .003 | .003 | .003 | .006 | .017 | .027 | .033 | .036 | .038 | .041 | .044 | .041 | .040 | .032 | .012 | .004 | .004 | .005 | .005 | 23 | .044 | |
| 25 | .004 | .006 | .006 | BF | .012 | .012 | .008 | .012 | .023 | .030 | .032 | .035 | .040 | .041 | .039 | .037 | .035 | .032 | .029 | .026 | .026 | .026 | .025 | .030 | 23 | .041 | |
| 26 | .032 | .034 | .034 | BF | .032 | .031 | .030 | .027 | .030 | .035 | .037 | .039 | .042 | .043 | .043 | .043 | .042 | .038 | .029 | .022 | .024 | .033 | .035 | .033 | 23 | .043 | |
| 27 | .028 | .021 | .020 | BF | .005 | .007 | .002 | .002 | .009 | .028 | .036 | .040 | .043 | .044 | .044 | .044 | .040 | .037 | .025 | .004 | .006 | .006 | .005 | .002 | 23 | .044 | |
| 28 | .002 | .003 | .020 | BF | .002 | .003 | .002 | .002 | .006 | .018 | .030 | .044 | .046 | .047 | .049 | .049 | .047 | .042 | .030 | .016 | .010 | .013 | .019 | .011 | 23 | .049 | |
| 29 | .016 | .011 | .014 | BF | .010 | .007 | .002 | .003 | .012 | .030 | .041 | .047 | .050 | .053 | .054 | .054 | .048 | .044 | .033 | .015 | .003 | .003 | .007 | .005 | 23 | .054 | |
| 30 | .004 | .004 | .007 | BF | .006 | .004 | .003 | .004 | .009 | .021 | .030 | .038 | .045 | .052 | .051 | .049 | .043 | .033 | .019 | .007 | .009 | .012 | .004 | .006 | 23 | .052 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .042 | .038 | .035 | | .033 | .032 | .031 | .031 | .032 | .035 | .048 | .054 | .055 | .060 | .059 | .054 | .049 | .044 | .042 | .043 | .042 | .041 | .041 | .041 | .042 | | |
| AVG: | .0164 | .0157 | .0155 | | .0126 | .0117 | .0110 | .0112 | .0157 | .0231 | .0289 | .0328 | .0351 | .0363 | .0374 | .0373 | .0348 | .0306 | .0257 | .0197 | .0179 | .0176 | .0171 | .0170 | | | |

MONTHLY OBSERVATIONS: 686 MONTHLY MEAN: .0226 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-159-0021 POC: 1
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REPORT FOR: DECEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .010 | .006 | .006 | BF | .009 | .003 | .002 | .005 | .012 | .024 | .034 | .040 | .043 | .044 | .045 | .044 | .043 | .041 | .039 | .040 | .041 | .040 | .039 | .038 | 23 | .045 |
| 2 | .035 | .033 | .030 | BF | .031 | .029 | .026 | .023 | .023 | .023 | .024 | .025 | .029 | .033 | .031 | .030 | .029 | .027 | .027 | .026 | .021 | .022 | .018 | .018 | 23 | .035 |
| 3 | .017 | .019 | .017 | BF | .016 | .012 | .008 | .004 | .012 | .022 | .029 | .035 | .042 | .044 | .045 | .045 | .041 | .035 | .032 | .023 | .012 | .015 | .009 | .011 | 23 | .045 |
| 4 | .010 | .003 | .004 | BF | .004 | .006 | .002 | .002 | .009 | .022 | .031 | .037 | .041 | .042 | .043 | .044 | .041 | .038 | .033 | .031 | .009 | .007 | .008 | .011 | 23 | .044 |
| 5 | .017 | .020 | .026 | BF | .009 | .003 | .006 | .004 | .024 | .025 | .027 | .030 | .031 | .033 | .037 | .038 | .034 | .032 | .026 | .021 | .023 | .025 | .024 | .022 | 23 | .038 |
| 6 | .020 | .021 | .018 | BF | .019 | .020 | .016 | .014 | .020 | .023 | .028 | .029 | .031 | .033 | .034 | .034 | .031 | .025 | .019 | .015 | .019 | .019 | .020 | .019 | 23 | .034 |
| 7 | .018 | .017 | .019 | BF | .010 | .005 | .003 | .003 | .012 | AZ | AZ | AZ | BA | .032 | .031 | .030 | .027 | .024 | .023 | .023 | .021 | .020 | .019 | .015 | 19 | .032 |
| 8 | .012 | .013 | .013 | BF | AS | AS | AS | AS | AS | BA | BC | BC | .018 | .018 | .017 | .015 | .014 | .014 | .016 | .016 | .018 | .022 | .023 | .026 | 15 | .026 |
| 9 | .026 | .026 | .027 | BF | .025 | .025 | .025 | .025 | .025 | .021 | .021 | .022 | .020 | .018 | .020 | .023 | .023 | .021 | .020 | .017 | .018 | .017 | .015 | .019 | 23 | .027 |
| 10 | .027 | .027 | .026 | BF | .022 | .018 | .015 | .017 | .020 | .022 | .025 | .026 | .029 | .030 | .031 | .031 | .030 | .026 | .015 | .018 | .016 | .019 | .021 | .021 | 23 | .031 |
| 11 | .018 | .008 | .005 | BF | .001 | .001 | .001 | .001 | .004 | .013 | .020 | .025 | .028 | .029 | .032 | .035 | .033 | .031 | .029 | .031 | .030 | .027 | .025 | 23 | .035 | |
| 12 | .024 | .023 | .023 | BF | .022 | .020 | .019 | .017 | .017 | .018 | .022 | .029 | .034 | .033 | .034 | .034 | .034 | .031 | .030 | .026 | .028 | .028 | .030 | .030 | 23 | .034 |
| 13 | .031 | .030 | .029 | BF | .023 | .026 | .019 | .011 | .014 | .030 | .035 | .035 | .038 | .038 | .036 | .037 | .037 | .034 | .033 | .032 | .033 | .033 | .032 | .032 | 23 | .038 |
| 14 | .031 | .030 | .029 | BF | .027 | .025 | .023 | .021 | .020 | .022 | .026 | .029 | .032 | .036 | .039 | .038 | .038 | .034 | .026 | .017 | .024 | .021 | .021 | .021 | 23 | .039 |
| 15 | .019 | .018 | .017 | BF | .012 | .010 | .009 | .009 | .014 | .018 | .019 | .019 | .018 | .020 | .019 | .017 | .016 | .012 | .007 | .009 | .012 | .016 | .017 | .017 | 23 | .020 |
| 16 | .016 | .016 | .014 | BF | .010 | .010 | .003 | .003 | .007 | .017 | .022 | .029 | .030 | .029 | .027 | .029 | .029 | .027 | .021 | .012 | .018 | .020 | .015 | .018 | 23 | .030 |
| 17 | .013 | .012 | .011 | BF | .004 | .002 | .001 | .001 | .003 | .015 | .020 | .026 | .028 | .026 | .024 | .026 | .027 | .026 | .023 | .023 | .026 | .026 | .028 | .030 | 23 | .030 |
| 18 | .028 | .028 | .027 | BF | .014 | .004 | .002 | .001 | .004 | .012 | .024 | .030 | .029 | .029 | .028 | .028 | .027 | .025 | .023 | .019 | .009 | .015 | .011 | .008 | 23 | .030 |
| 19 | .007 | .009 | .005 | BF | .006 | .005 | .004 | .002 | .004 | .009 | .016 | .019 | .027 | .036 | .038 | .042 | .035 | .027 | .026 | .021 | .021 | .021 | .019 | 23 | .042 | |
| 20 | .018 | .023 | .024 | BF | .014 | .013 | .006 | .003 | .003 | .003 | .010 | .015 | .021 | .021 | .024 | .023 | .023 | .020 | .021 | .022 | .021 | .020 | .015 | .013 | 23 | .024 |
| 21 | .015 | .011 | .009 | BF | .007 | .008 | .010 | .013 | .020 | .022 | BA | BA | .027 | .026 | .028 | .029 | .028 | .015 | .009 | .005 | .006 | .005 | .014 | .015 | 21 | .029 |
| 22 | .014 | .006 | .008 | BF | .000 | .002 | .002 | .002 | .005 | .020 | .026 | .028 | .029 | .028 | .030 | .029 | .027 | .023 | .014 | .009 | .012 | .015 | .016 | .019 | 23 | .030 |
| 23 | .019 | .017 | .015 | BF | .014 | .013 | .012 | .014 | .016 | .018 | .020 | .021 | .022 | .023 | .023 | .021 | .020 | .019 | .019 | .018 | .018 | .017 | .022 | 23 | .023 | |
| 24 | .025 | .027 | .026 | BF | .021 | .020 | .022 | .020 | .020 | .020 | .023 | .024 | .024 | .026 | .026 | .026 | .025 | .023 | .020 | .019 | .018 | .015 | .014 | .016 | 23 | .027 |
| 25 | .019 | .021 | .022 | BF | .027 | .027 | .027 | .028 | .032 | .033 | .032 | .033 | .033 | .032 | .034 | .036 | .035 | .034 | .029 | .029 | .030 | .032 | .030 | .029 | 23 | .036 |
| 26 | .028 | .028 | .029 | BF | .028 | .026 | .016 | .016 | .021 | .028 | .032 | .034 | .036 | .037 | .038 | .037 | .036 | .029 | .026 | .028 | .025 | .021 | .013 | .017 | 23 | .038 |
| 27 | .011 | .011 | .007 | BF | .011 | .016 | .015 | .011 | .012 | .015 | .019 | .023 | .025 | .027 | .031 | .031 | .026 | .024 | .023 | .029 | .028 | .027 | .026 | .027 | 23 | .031 |
| 28 | .028 | .027 | .029 | BF | .032 | .031 | .031 | .031 | .030 | .029 | .029 | .030 | .033 | .034 | .034 | .032 | .029 | .028 | .027 | .025 | .023 | .024 | .021 | .022 | 23 | .034 |
| 29 | .022 | .020 | .022 | BF | .017 | .012 | .004 | .002 | .010 | .025 | .028 | .025 | .027 | .028 | .029 | .028 | .027 | .023 | .016 | .007 | .016 | .015 | .017 | .022 | 23 | .029 |
| 30 | .019 | .020 | .014 | BF | .019 | .022 | .021 | .019 | .020 | .023 | .025 | .027 | .031 | .032 | .036 | .038 | .037 | .034 | .032 | .030 | .028 | .027 | .026 | .025 | 23 | .038 |
| 31 | .025 | .024 | .022 | BF | .025 | .027 | .028 | .028 | .030 | .032 | .033 | .033 | .033 | .033 | .033 | .033 | .033 | .033 | .032 | .032 | .032 | .032 | .032 | .032 | 23 | .033 |
| NO.: | 31 | 31 | 31 | | 30 | 30 | 30 | 30 | 29 | 28 | 28 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .035 | .033 | .030 | | .032 | .031 | .031 | .031 | .032 | .033 | .035 | .040 | .043 | .044 | .045 | .045 | .043 | .041 | .039 | .040 | .041 | .040 | .039 | .038 | | |
| AVG: | .0201 | .0192 | .0185 | | .0160 | .0147 | .0126 | .0117 | .0154 | .0208 | .0250 | .0278 | .0296 | .0306 | .0314 | .0315 | .0305 | .0273 | .0239 | .0218 | .0212 | .0215 | .0206 | .0213 | | |

MONTHLY OBSERVATIONS: 699 MONTHLY MEAN: .0223 MONTHLY MAX: .045

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-173-0002 POC: 1
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 4.11

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .006 | .005 | .004 | BF | .002 | .001 | .000 | .010 | .024 | .024 | .026 | .026 | .023 | .025 | .022 | .021 | .021 | .032 | .024 | .033 | .034 | .028 | .038 | .040 | 23 | .040 |
| 2 | .042 | .042 | .041 | BF | .019 | .017 | .014 | .013 | .020 | .039 | .039 | .040 | .042 | .043 | .045 | .045 | .045 | .045 | .044 | .040 | .028 | .030 | .024 | .022 | 23 | .045 |
| 3 | .017 | .015 | .014 | BF | .013 | .011 | .008 | .003 | .012 | .037 | .042 | .044 | .044 | .045 | .046 | .046 | .046 | .045 | .043 | .035 | .025 | .022 | .021 | .021 | 23 | .046 |
| 4 | .019 | .018 | .016 | BF | .013 | .012 | .010 | .010 | .014 | .022 | .029 | .039 | .043 | .048 | .049 | .050 | .051 | .051 | .043 | .032 | .018 | .016 | .020 | .016 | 23 | .051 |
| 5 | .016 | .014 | .014 | BF | .012 | .010 | .009 | .007 | .011 | .020 | .030 | .038 | .051 | .052 | .053 | .055 | .056 | .057 | .056 | .054 | .039 | .035 | .035 | .033 | 23 | .057 |
| 6 | .030 | .028 | .030 | BF | .027 | .027 | .024 | .022 | .032 | .037 | .034 | .031 | .031 | .039 | .046 | .048 | .048 | .049 | .048 | .041 | .034 | .028 | .024 | .027 | 23 | .049 |
| 7 | .024 | .021 | .021 | BF | .028 | .026 | .023 | .021 | .027 | .028 | .028 | .038 | .045 | .046 | .045 | .038 | .027 | .026 | .026 | .030 | .033 | .025 | .015 | .011 | 23 | .046 |
| 8 | .014 | .015 | .037 | BF | .040 | .039 | .026 | .021 | .023 | .033 | .037 | .046 | .048 | .049 | .049 | .050 | .050 | .050 | .048 | .029 | .025 | .020 | .020 | .017 | 23 | .050 |
| 9 | .015 | .014 | .011 | BF | .008 | .007 | .006 | .004 | .010 | BC | BC | BC | BC | .052 | .053 | .054 | .053 | .053 | .053 | .034 | .030 | .025 | .022 | .017 | 19 | .054 |
| 10 | .017 | .016 | .015 | BF | .022 | .020 | .016 | .014 | .035 | .041 | .045 | .045 | .047 | .049 | .050 | .049 | .049 | .048 | .047 | .047 | .048 | .040 | .030 | .026 | 23 | .050 |
| 11 | .026 | .025 | .023 | BF | .023 | .022 | .021 | .019 | .022 | .040 | .041 | .042 | .044 | .043 | .043 | .043 | .043 | .042 | .040 | .037 | .034 | .032 | .030 | .028 | 23 | .044 |
| 12 | .028 | .027 | .020 | BF | .033 | .031 | .030 | .031 | .034 | .035 | .036 | .037 | .038 | .040 | .039 | .039 | .044 | .046 | .044 | .031 | .025 | .021 | .019 | .018 | 23 | .046 |
| 13 | .015 | .013 | .011 | BF | .009 | .008 | .004 | .006 | .016 | .036 | .046 | .048 | .047 | .046 | .046 | .045 | .044 | .042 | .041 | .039 | .036 | .034 | .033 | .033 | 23 | .048 |
| 14 | .035 | .035 | .035 | BF | .033 | .034 | .033 | .032 | .032 | .031 | .032 | .032 | .028 | .033 | .032 | .032 | .033 | .037 | .040 | .041 | .042 | .043 | .043 | .044 | 23 | .044 |
| 15 | .042 | .042 | .043 | BK | .042 | .041 | .042 | .043 | .043 | .043 | .044 | .044 | .043 | .045 | .045 | .046 | .046 | .045 | .044 | .043 | .043 | .038 | .031 | 23 | .046 | |
| 16 | .028 | .026 | .025 | BF | .023 | .021 | .017 | .020 | .027 | .039 | .043 | .047 | .050 | .050 | .050 | .051 | .052 | .052 | .051 | .042 | .029 | .029 | .028 | .027 | 23 | .052 |
| 17 | .024 | .021 | .013 | BF | .014 | .016 | .016 | .017 | .018 | .018 | .020 | .024 | .030 | .042 | .046 | .045 | .040 | .032 | .023 | .022 | .022 | .019 | .016 | .014 | 23 | .046 |
| 18 | .015 | .017 | .014 | BF | .012 | .010 | .009 | .010 | .010 | .022 | .039 | .045 | .046 | .044 | .047 | .050 | .053 | .054 | .052 | .052 | .051 | .049 | .045 | .042 | 23 | .054 |
| 19 | .039 | .036 | .034 | BF | .021 | .017 | .016 | .016 | .025 | .036 | .037 | .037 | .038 | .038 | .039 | .040 | .041 | .041 | .039 | .038 | .030 | .023 | .022 | .019 | 23 | .041 |
| 20 | .018 | .016 | .014 | BF | .011 | .011 | .008 | .008 | .012 | .021 | .032 | .032 | .036 | .038 | .039 | .041 | .040 | .038 | .027 | .016 | .016 | .012 | .012 | .009 | 23 | .041 |
| 21 | .007 | .009 | .006 | BF | .005 | .004 | .003 | .003 | .009 | .016 | .039 | .042 | .044 | .047 | .049 | .050 | .050 | .049 | .050 | .050 | AV | AV | AV | AV | 19 | .050 |
| 22 | AV | AV | .029 | BF | .031 | .030 | .022 | .016 | .022 | .040 | .043 | .048 | .053 | .054 | .054 | .055 | .057 | .056 | .054 | .038 | .028 | .027 | .025 | .021 | 21 | .057 |
| 23 | .019 | .017 | .015 | BF | .013 | .010 | .004 | .008 | .031 | .048 | .049 | .051 | .052 | .053 | .053 | .052 | .051 | .052 | .049 | .043 | .039 | .047 | .049 | 23 | .053 | |
| 24 | .041 | .040 | .036 | BF | .033 | .034 | .029 | .029 | .043 | .047 | .048 | .049 | .049 | .048 | .048 | .047 | .046 | .045 | .042 | .030 | .020 | .025 | .021 | .022 | 23 | .049 |
| 25 | .022 | .020 | .016 | BF | .013 | .010 | .008 | .009 | .009 | .018 | .038 | .044 | .047 | .048 | .047 | .047 | .047 | .047 | .045 | .036 | .029 | .026 | .025 | .022 | 23 | .048 |
| 26 | .027 | .040 | .043 | BF | .030 | .029 | .027 | .025 | .027 | .034 | .043 | .047 | .047 | .048 | .048 | .047 | .047 | .046 | .036 | .025 | .019 | .016 | .010 | .006 | 23 | .048 |
| 27 | .003 | .002 | .002 | BF | .002 | .001 | .001 | .002 | .006 | .015 | .028 | .034 | .032 | .038 | .039 | .041 | .042 | .035 | .026 | .024 | .021 | .039 | .041 | .043 | 23 | .043 |
| 28 | .038 | .037 | .037 | BF | .028 | .027 | .020 | .024 | .036 | .037 | .039 | .047 | .050 | .052 | .053 | .053 | .053 | .053 | .051 | .040 | .028 | .022 | .016 | .013 | 23 | .053 |
| 29 | .010 | .007 | .007 | BF | .004 | .004 | .005 | .006 | .007 | .017 | .036 | .049 | .052 | .052 | .051 | .053 | .055 | .053 | .050 | .030 | .028 | .021 | .020 | .018 | 23 | .055 |
| 30 | .016 | .015 | .013 | BF | .012 | .009 | .007 | .009 | .026 | .040 | .042 | .043 | .044 | .044 | .048 | .051 | .051 | .050 | .049 | .049 | .048 | .044 | .042 | .036 | 23 | .051 |
| 31 | .036 | .033 | .029 | BF | .044 | .038 | .034 | .032 | .036 | .040 | .043 | .043 | .042 | .041 | .040 | .040 | .039 | .039 | .040 | .040 | .042 | .042 | .041 | .040 | 23 | .044 |
| NO.: | 30 | 30 | 31 | | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | | | |
| MAX: | .042 | .042 | .043 | | .044 | .041 | .042 | .043 | .043 | .048 | .049 | .051 | .053 | .054 | .054 | .055 | .057 | .057 | .056 | .054 | .051 | .049 | .047 | .049 | | |
| AVG: | .0230 | .0222 | .0219 | | .0200 | .0186 | .0159 | .0158 | .0225 | .0318 | .0376 | .0411 | .0429 | .0449 | .0456 | .0460 | .0458 | .0455 | .0429 | .0370 | .0316 | .0292 | .0274 | .0255 | | |

MONTHLY OBSERVATIONS: 703 MONTHLY MEAN: .0319 MONTHLY MAX: .057

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-173-0002 POC: 1
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 4.11

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .040 | .039 | .036 | BF | .035 | .020 | .013 | .013 | .035 | .039 | .039 | .041 | .043 | .045 | .045 | .047 | .047 | .048 | .046 | .046 | .036 | .025 | .025 | .020 | 23 | .048 | |
| 2 | .016 | .015 | .013 | BF | .009 | .008 | .007 | .008 | .016 | .026 | .040 | .046 | .047 | .049 | .049 | .049 | .048 | .049 | .049 | .047 | .035 | .032 | .031 | .028 | 23 | .049 | |
| 3 | .026 | .031 | .029 | BF | .027 | .034 | .046 | .047 | .046 | .042 | .037 | .035 | .038 | .036 | .038 | .041 | .040 | .039 | .035 | .020 | .018 | .015 | .013 | .015 | 23 | .047 | |
| 4 | .023 | .043 | .045 | BF | .047 | .047 | .047 | .047 | .048 | .049 | .051 | .052 | .051 | .051 | .050 | .050 | .051 | .052 | .054 | .044 | .028 | .022 | .019 | .017 | 23 | .054 | |
| 5 | .016 | .013 | .012 | BF | .008 | .006 | .005 | .002 | BF | BF | BF | .012 | .034 | .039 | .039 | .039 | .034 | .042 | .040 | .032 | .030 | .039 | .028 | .023 | 20 | .042 | |
| 6 | .039 | .037 | .038 | BF | .037 | .037 | .037 | .036 | .035 | .034 | .035 | .035 | .036 | .036 | .037 | .037 | .038 | .038 | .040 | .042 | .040 | .041 | .042 | .042 | 23 | .042 | |
| 7 | .043 | .043 | .043 | BF | .042 | .040 | .041 | .042 | .042 | .043 | .044 | .045 | .046 | .047 | .048 | .050 | .051 | .051 | .050 | .049 | .049 | .041 | .031 | .027 | 23 | .051 | |
| 8 | .022 | .021 | .018 | BF | .017 | .016 | .016 | .015 | .017 | .023 | .034 | .046 | .052 | .056 | .055 | .056 | .058 | .059 | .058 | .040 | .031 | .030 | .025 | .024 | 23 | .059 | |
| 9 | .022 | .020 | .017 | BF | .016 | .013 | .011 | .015 | .024 | .031 | .043 | .051 | .056 | .057 | .059 | .059 | .058 | .060 | .059 | .052 | .041 | .037 | .036 | .031 | 23 | .060 | |
| 10 | .027 | .026 | .023 | BF | .018 | .015 | .014 | .015 | .023 | .033 | .053 | .059 | .059 | .060 | .060 | .060 | .060 | .060 | .063 | .066 | .055 | .041 | .036 | .033 | 23 | .066 | |
| 11 | .026 | .025 | .023 | BF | .016 | .013 | .011 | .011 | .022 | .035 | .054 | .059 | .059 | .059 | .059 | .059 | .057 | .058 | .055 | .054 | .052 | .035 | .024 | .022 | 23 | .059 | |
| 12 | .023 | .026 | .024 | BF | .017 | .016 | .013 | .014 | .026 | .043 | .052 | .053 | .053 | .054 | .055 | .056 | .057 | .059 | .061 | .060 | .050 | .039 | .031 | .029 | 23 | .061 | |
| 13 | .026 | .022 | .022 | BF | .015 | .013 | .011 | .014 | .022 | .031 | .049 | .057 | .058 | .058 | .058 | .056 | .058 | .061 | .060 | .058 | .057 | .050 | .043 | .035 | 23 | .061 | |
| 14 | .028 | .024 | .021 | BF | .021 | .017 | .016 | .017 | .023 | .029 | .049 | .061 | .065 | .065 | .062 | .063 | .060 | .059 | .058 | .049 | .044 | .039 | .029 | .027 | 23 | .065 | |
| 15 | .024 | .023 | .021 | BF | .016 | .013 | .012 | .016 | .024 | .041 | .048 | .050 | .052 | .058 | .058 | .056 | .056 | .057 | .055 | .054 | .052 | .041 | .033 | .033 | 23 | .058 | |
| 16 | .030 | .025 | .021 | BF | .017 | .016 | .017 | .018 | .026 | .039 | .047 | .047 | .048 | .048 | .048 | .047 | .047 | .047 | .044 | .031 | .025 | .020 | .018 | .017 | 23 | .048 | |
| 17 | .013 | .014 | .011 | BF | .007 | .006 | .004 | .005 | .015 | .032 | .037 | .036 | .037 | .039 | .041 | .041 | .036 | .031 | .024 | .019 | .013 | .015 | .015 | .016 | 23 | .041 | |
| 18 | .016 | .018 | .014 | BF | .013 | .011 | .007 | .010 | .011 | .017 | .020 | .022 | .029 | .032 | .037 | .039 | .040 | .039 | .032 | .026 | .039 | .030 | .025 | .031 | 23 | .040 | |
| 19 | .030 | .028 | .025 | BF | .027 | .021 | .019 | .020 | .014 | .019 | .024 | .031 | .036 | .040 | .042 | .044 | .043 | .039 | .035 | .029 | .017 | .008 | .008 | .006 | 23 | .044 | |
| 20 | .004 | .004 | .004 | BF | .004 | .004 | .004 | .004 | .006 | .011 | .025 | .036 | .042 | .043 | .041 | .042 | .044 | .040 | .039 | .023 | .017 | .015 | .011 | .008 | 23 | .044 | |
| 21 | .005 | .006 | .004 | BF | .003 | .002 | .002 | .005 | .013 | .028 | .041 | .041 | .041 | .040 | .036 | .035 | .036 | .033 | .032 | .029 | .024 | .021 | .019 | .017 | 23 | .041 | |
| 22 | .017 | .013 | .012 | BF | .014 | .014 | .013 | .019 | .023 | .028 | .041 | .044 | .042 | .045 | .048 | .049 | .048 | .046 | .036 | .046 | .041 | .038 | .045 | .040 | 23 | .049 | |
| 23 | .035 | .034 | .033 | BF | .031 | .030 | .029 | .026 | .027 | .028 | .031 | .034 | .034 | .031 | .029 | .029 | .027 | .028 | .027 | .025 | .025 | .024 | .022 | .020 | 23 | .035 | |
| 24 | .020 | .017 | .016 | BF | .016 | .014 | .008 | .011 | .013 | .018 | .020 | .029 | .033 | .036 | .039 | .039 | .038 | .036 | .035 | .027 | .020 | .015 | .010 | .007 | 23 | .039 | |
| 25 | .005 | .004 | .004 | BF | .006 | .008 | .008 | .016 | .022 | .030 | .034 | .037 | .038 | .037 | .035 | .036 | .037 | .037 | .037 | .036 | .034 | .021 | .015 | .013 | 23 | .038 | |
| 26 | .010 | .007 | .005 | BF | .005 | .005 | .004 | .005 | .010 | .016 | .035 | .047 | .052 | .054 | .053 | .055 | .056 | .057 | .059 | .051 | .039 | .035 | .041 | .041 | 23 | .059 | |
| 27 | .036 | .033 | .031 | BF | .037 | .033 | .033 | .028 | .030 | .028 | .030 | .027 | .031 | .030 | .030 | .025 | .018 | .029 | .021 | .015 | .011 | .009 | .008 | .009 | 23 | .037 | |
| 28 | .008 | .008 | .008 | BF | .015 | .013 | .014 | .019 | .019 | .023 | .032 | .046 | .048 | .050 | .051 | .049 | .047 | .046 | .043 | .039 | .027 | .020 | .018 | .014 | 23 | .051 | |
| 29 | .010 | .008 | .007 | BF | .003 | .002 | .002 | .006 | .018 | .031 | .039 | .043 | .045 | .045 | .045 | .045 | .047 | .040 | .040 | .031 | .022 | .026 | .029 | .035 | 23 | .047 | |
| 30 | .036 | .034 | .027 | BF | .017 | .017 | .018 | .025 | .027 | .029 | .032 | .033 | .034 | .036 | .037 | .038 | .038 | .038 | .036 | .036 | .034 | .033 | .034 | .035 | 23 | .038 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .043 | .043 | .045 | | .047 | .047 | .047 | .047 | .048 | .049 | .054 | .061 | .065 | .065 | .062 | .063 | .060 | .061 | .063 | .066 | .057 | .050 | .045 | .042 | | | |
| AVG: | .0225 | .0220 | .0202 | | .0185 | .0168 | .0161 | .0176 | .0233 | .0302 | .0385 | .0418 | .0446 | .0459 | .0461 | .0464 | .0458 | .0459 | .0441 | .0392 | .0335 | .0286 | .0255 | .0238 | | | |

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .0321 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-173-0002 POC: 1
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 4.11

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .033 | .032 | .032 | BF | .031 | .028 | .026 | .029 | .024 | .022 | .024 | .027 | .043 | .042 | .044 | .059 | .062 | .061 | .059 | .058 | .050 | .051 | .058 | .054 | 23 | .062 |
| 2 | .054 | .054 | .055 | BF | .051 | .041 | .027 | .045 | .050 | .050 | .053 | .053 | .052 | .051 | .051 | .052 | .053 | .054 | .054 | .054 | .041 | .032 | .028 | .024 | 23 | .055 |
| 3 | .020 | .017 | .014 | BF | .009 | .006 | .007 | .013 | .023 | AI | AQ | 8 | .023 |
| 4 | AQ | AQ | AQ | BF | AQ | 0 | |
| 5 | AQ | AQ | AQ | BF | AQ | 0 | |
| 6 | AQ | AQ | AQ | BF | AQ | 0 | |
| 7 | AQ | AQ | AQ | BF | AQ | 0 | |
| 8 | AQ | AQ | AQ | BF | AQ | 0 | |
| 9 | AQ | AQ | AQ | BF | AQ | 0 | |
| 10 | AQ | AQ | AQ | BF | AQ | 0 | |
| 11 | AQ | AQ | AQ | BF | AQ | 0 | |
| 12 | AQ | AQ | AQ | BF | AQ | 0 | |
| 13 | AQ | AQ | AQ | BF | AQ | 0 | |
| 14 | AQ | AQ | AQ | BF | AQ | 0 | |
| 15 | AQ | AQ | AQ | BF | AQ | 0 | |
| 16 | AQ | AQ | AQ | BF | AQ | 0 | |
| 17 | AQ | AQ | AQ | BF | AQ | AQ | AQ | AQ | AQ | .040 | .050 | .052 | .053 | .053 | .053 | .052 | .053 | .054 | .051 | .049 | .047 | .035 | .033 | .026 | 15 | .054 |
| 18 | .022 | .020 | .017 | BF | .021 | .016 | .012 | .015 | .025 | .035 | .039 | .038 | .041 | .043 | .041 | .041 | .042 | .041 | .039 | .034 | .025 | .022 | .021 | .017 | 23 | .043 |
| 19 | .015 | .015 | .014 | BF | .011 | .007 | .007 | .015 | .027 | .037 | .039 | .037 | .036 | .036 | .037 | .037 | .034 | .025 | .019 | .018 | .014 | .010 | .007 | 23 | .039 | |
| 20 | .007 | .003 | .002 | BF | .002 | .001 | .003 | .008 | .020 | .033 | .040 | .046 | .046 | .044 | .044 | .043 | .044 | .042 | .041 | .038 | .031 | .026 | .031 | .023 | 23 | .046 |
| 21 | .020 | .019 | .019 | BF | .015 | .018 | .019 | .022 | .022 | .023 | .025 | .023 | .032 | .035 | .037 | .035 | .036 | .031 | .022 | .012 | .005 | .004 | .003 | .003 | 23 | .037 |
| 22 | .003 | .003 | .003 | BF | .002 | .002 | .002 | .005 | .013 | .025 | .029 | .034 | .040 | .035 | .035 | .034 | .039 | .034 | .028 | .021 | .021 | .014 | .011 | .009 | 23 | .040 |
| 23 | .012 | .023 | .041 | BF | .040 | .034 | .029 | .028 | .028 | .029 | .026 | .025 | .025 | .027 | .029 | .032 | .028 | .025 | .029 | .019 | .016 | .014 | .013 | .011 | 23 | .041 |
| 24 | .011 | .012 | .016 | BF | .016 | .012 | .012 | .011 | .016 | .023 | .026 | .034 | .041 | .039 | .041 | .036 | .036 | .030 | .026 | .036 | .040 | .040 | .031 | .037 | 23 | .041 |
| 25 | .038 | .039 | .032 | BF | .014 | .010 | .013 | .014 | .036 | .038 | .043 | .043 | .040 | .037 | .041 | .041 | .040 | .041 | .040 | .039 | .026 | .016 | .012 | .008 | 23 | .043 |
| 26 | .006 | .005 | .005 | BF | .006 | .005 | .007 | .014 | .027 | .036 | .042 | .047 | .049 | .048 | .046 | .047 | .049 | .048 | .043 | .029 | .025 | .013 | .009 | .008 | 23 | .049 |
| 27 | .007 | .005 | .006 | BF | .003 | .003 | .004 | .012 | .020 | .030 | .034 | .042 | .041 | .040 | .041 | .040 | .038 | .035 | .031 | .018 | .012 | .009 | .033 | .051 | 23 | .051 |
| 28 | .047 | .041 | .034 | BF | .024 | .026 | .025 | .028 | .028 | .031 | .038 | .037 | .040 | .043 | .043 | .039 | .044 | .050 | .049 | .048 | .029 | .017 | .014 | .010 | 23 | .050 |
| 29 | .010 | .009 | .008 | BF | .005 | .004 | .005 | .011 | .024 | .036 | .047 | .047 | .042 | .036 | .033 | .037 | .037 | .028 | .021 | .021 | .015 | .012 | .013 | .011 | 23 | .047 |
| 30 | .011 | .009 | .008 | BF | .006 | .006 | .006 | .008 | .011 | .029 | .035 | .039 | .041 | .043 | .045 | .048 | .045 | .041 | .028 | .022 | .020 | .016 | .012 | .008 | 23 | .048 |
| 31 | .011 | .010 | .011 | BF | .009 | .007 | .007 | .012 | .022 | .034 | .041 | .044 | .045 | .048 | .049 | .050 | .051 | .051 | .050 | .042 | .030 | .023 | .017 | .014 | 23 | .051 |
| NO.: | 17 | 17 | 17 | | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | | |
| MAX: | .054 | .054 | .055 | | .051 | .041 | .029 | .045 | .050 | .050 | .053 | .053 | .053 | .053 | .053 | .059 | .062 | .061 | .059 | .058 | .050 | .051 | .058 | .054 | | |
| AVG: | .0192 | .0186 | .0186 | | .0156 | .0133 | .0124 | .0171 | .0245 | .0324 | .0371 | .0393 | .0416 | .0412 | .0418 | .0425 | .0432 | .0412 | .0374 | .0329 | .0265 | .0211 | .0205 | .0189 | | |

MONTHLY OBSERVATIONS: 391 MONTHLY MEAN: .0286 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-173-0002 POC: 1
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 4.11

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .012 | .010 | .008 | BF | .005 | .005 | .005 | .012 | .018 | AI | .039 | .044 | .049 | .051 | .052 | .052 | .050 | .049 | .036 | .024 | .019 | .017 | .018 | .015 | 22 | .052 | |
| 2 | .013 | .011 | .009 | BF | .007 | .006 | .008 | .014 | .022 | .037 | .046 | .050 | .050 | .050 | .051 | .051 | .053 | .047 | .039 | .032 | .026 | .020 | .016 | .016 | 23 | .053 | |
| 3 | .015 | .012 | .012 | BF | .006 | .006 | .007 | .014 | .027 | .040 | .042 | .044 | .047 | .049 | .050 | .050 | .044 | .040 | .037 | .030 | .032 | .029 | .019 | .016 | 23 | .050 | |
| 4 | .016 | .017 | .013 | BF | .012 | .013 | .016 | .019 | .018 | .024 | .027 | .032 | .028 | .032 | .031 | .032 | .034 | .030 | .019 | .012 | .009 | .009 | .010 | .007 | 23 | .034 | |
| 5 | .005 | .006 | .005 | BF | .005 | .005 | .005 | .008 | .012 | .017 | .022 | .023 | .025 | .024 | .023 | .023 | .021 | .021 | .021 | .015 | .009 | .009 | .011 | .008 | 23 | .025 | |
| 6 | .009 | .007 | .007 | BF | .006 | .006 | .006 | .012 | .020 | .025 | .027 | .035 | .051 | .063 | .063 | .063 | .058 | .043 | .031 | .029 | .023 | .019 | .018 | .018 | 23 | .063 | |
| 7 | .018 | .019 | .020 | BF | .016 | .013 | .013 | .021 | .031 | .037 | .042 | .042 | .042 | .045 | .047 | .048 | .046 | .048 | .050 | .045 | .040 | .039 | .037 | .034 | 23 | .050 | |
| 8 | .032 | .029 | .026 | BF | .017 | .014 | .011 | .016 | .032 | .040 | .043 | .044 | .046 | .043 | .045 | .047 | .049 | .049 | .049 | .040 | .028 | .024 | .019 | .015 | 23 | .049 | |
| 9 | .012 | .010 | .007 | BF | .006 | .007 | .007 | .012 | .018 | .032 | .040 | .046 | .046 | .049 | .050 | .051 | .050 | .049 | .048 | .041 | .030 | .025 | .016 | .013 | 23 | .051 | |
| 10 | .010 | .008 | .007 | BF | .004 | .004 | .005 | .013 | .022 | .030 | .043 | .049 | .049 | .050 | .051 | .049 | .046 | .047 | .048 | .036 | .028 | .027 | .026 | .022 | 23 | .051 | |
| 11 | .017 | .017 | .016 | BF | .007 | .005 | .008 | .018 | .031 | .037 | .043 | .047 | .048 | .047 | .046 | .044 | .042 | .040 | .039 | .029 | .025 | .020 | .019 | .017 | 23 | .048 | |
| 12 | .014 | .013 | .010 | BF | .008 | .008 | .011 | .016 | .024 | .034 | .039 | .035 | .037 | .039 | .034 | .032 | .025 | .018 | .018 | .013 | .009 | .008 | .005 | .003 | 23 | .039 | |
| 13 | .003 | .003 | .003 | BF | .003 | .003 | .005 | .009 | .013 | .018 | AI | .031 | .034 | .035 | .037 | .037 | .036 | .033 | .030 | .027 | .022 | .026 | .024 | .017 | 22 | .037 | |
| 14 | .014 | .013 | .012 | AM | .013 | .010 | .009 | .014 | .017 | .025 | .028 | .028 | .030 | .036 | .033 | .039 | .038 | .038 | .032 | .017 | .010 | .008 | .005 | .005 | 23 | .039 | |
| 15 | .006 | .008 | .008 | BF | .011 | .011 | .011 | .015 | .017 | .024 | .027 | .033 | .038 | .041 | .040 | .038 | .039 | .039 | .037 | .031 | .022 | .016 | .013 | .012 | 23 | .041 | |
| 16 | .011 | .009 | .006 | BF | .006 | .007 | .008 | .008 | .018 | .035 | .039 | .039 | .037 | .042 | .041 | .044 | .042 | .037 | .035 | .033 | .031 | .030 | .023 | .018 | 23 | .044 | |
| 17 | .012 | .014 | .012 | BF | .009 | .009 | .011 | .015 | .018 | .025 | .036 | .039 | .041 | .043 | .042 | .040 | .035 | .036 | .035 | .035 | .030 | .019 | .014 | .011 | 23 | .043 | |
| 18 | .010 | .006 | .004 | BF | .003 | .002 | .003 | .010 | .021 | .033 | .032 | .033 | .035 | .032 | .033 | .036 | .032 | .034 | .033 | .029 | .021 | .018 | .014 | .012 | 23 | .036 | |
| 19 | .010 | .008 | .006 | BF | .006 | .006 | .008 | .009 | .012 | .016 | .022 | .026 | .027 | .026 | .026 | .029 | .028 | .027 | .028 | .025 | .015 | .011 | .014 | .014 | 23 | .029 | |
| 20 | .014 | .012 | .010 | BF | .010 | .009 | .009 | .011 | .017 | .022 | .028 | .035 | .036 | .033 | .036 | .042 | .037 | .031 | .026 | .016 | .013 | .011 | .008 | .006 | 23 | .042 | |
| 21 | .004 | .005 | .005 | BF | .004 | .004 | .003 | .005 | .008 | .018 | .027 | .032 | .031 | .035 | .026 | .024 | .024 | .022 | .022 | .019 | .012 | .007 | .004 | .004 | 23 | .035 | |
| 22 | .004 | .003 | .003 | BF | .002 | .002 | .002 | .002 | .003 | .005 | .009 | .015 | .016 | .015 | .015 | .014 | .011 | .008 | .006 | .005 | .005 | .004 | .005 | .006 | 23 | .016 | |
| 23 | .004 | .004 | .003 | BF | .003 | .002 | .002 | .004 | .008 | .017 | .009 | .008 | .010 | .014 | .017 | .026 | .027 | .030 | .027 | .024 | .021 | .022 | .020 | .018 | 23 | .030 | |
| 24 | .014 | .017 | .014 | BF | .007 | .004 | .004 | .010 | .016 | .017 | .028 | .031 | .028 | .032 | .031 | .031 | .033 | .036 | .046 | .033 | .020 | .017 | .014 | .008 | 23 | .046 | |
| 25 | .009 | .009 | .007 | BF | .008 | .009 | .008 | .009 | .017 | .020 | .022 | .026 | .028 | .030 | .031 | .033 | .034 | .038 | .038 | .028 | .020 | .014 | .011 | .009 | 23 | .038 | |
| 26 | .009 | .008 | .009 | BF | .008 | .007 | .010 | .014 | .019 | .029 | .034 | .044 | .043 | .045 | .046 | .046 | .046 | .048 | .048 | .036 | .025 | .018 | .013 | .011 | 23 | .048 | |
| 27 | .009 | .010 | .011 | BF | .009 | .007 | .008 | .011 | .019 | .028 | .031 | .031 | .034 | .031 | .041 | .044 | .045 | .047 | .047 | .032 | .022 | .016 | .014 | .013 | 23 | .047 | |
| 28 | .011 | .012 | .012 | BF | .007 | .005 | .008 | .014 | .023 | AI | .042 | .047 | .050 | .050 | .049 | .051 | .050 | .049 | .051 | .048 | .048 | .035 | .031 | .028 | 22 | .051 | |
| 29 | .022 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | 1 | .022 | |
| 30 | AE | AE | AE | AE | AE | AE | AE | AE | .011 | .014 | .016 | .015 | .016 | .019 | .021 | .020 | .022 | .021 | .017 | .015 | .009 | .004 | .006 | .005 | 16 | .022 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 29 | 28 | 28 | | 28 | 28 | 28 | 28 | 29 | 27 | 28 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 | | | |
| MAX: | .032 | .029 | .026 | | .017 | .014 | .016 | .021 | .032 | .040 | .046 | .050 | .051 | .063 | .063 | .063 | .058 | .053 | .051 | .048 | .048 | .039 | .037 | .034 | | | |
| AVG: | .0117 | .0107 | .0095 | | .0074 | .0068 | .0075 | .0120 | .0183 | .0259 | .0315 | .0346 | .0363 | .0380 | .0382 | .0391 | .0378 | .0366 | .0345 | .0279 | .0221 | .0183 | .0154 | .0131 | | | |

MONTHLY OBSERVATIONS: 658 MONTHLY MEAN: .0233 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

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 ELEVATION-MSL: 560
 PROBE HEIGHT: 4.11

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .004 | .004 | .004 | BF | .003 | .003 | .004 | .007 | .009 | .026 | .037 | .040 | .041 | .041 | .038 | .036 | .032 | .023 | .020 | .021 | .015 | .020 | .013 | .012 | 23 | .041 |
| 2 | .014 | .013 | .013 | BF | .010 | .010 | .011 | .013 | .026 | .028 | .031 | .036 | .042 | .041 | .043 | .042 | .040 | .038 | .035 | .032 | .018 | .012 | .008 | .005 | 23 | .043 |
| 3 | .004 | .003 | .003 | BF | .004 | .003 | .004 | .008 | .012 | .015 | .024 | .030 | .031 | .030 | .029 | .025 | .026 | .027 | .024 | .013 | .009 | .014 | .015 | .010 | 23 | .031 |
| 4 | .010 | .008 | .008 | BF | .006 | .005 | .005 | .005 | .007 | .009 | .012 | .014 | .022 | .026 | .029 | .029 | .028 | .026 | .026 | .019 | .010 | .009 | .008 | .005 | 23 | .029 |
| 5 | .004 | .004 | .006 | BF | .007 | .005 | .005 | .011 | .014 | .017 | .019 | .019 | .019 | .021 | .019 | .020 | .021 | .025 | .018 | .011 | .006 | .005 | .005 | .003 | 23 | .025 |
| 6 | .005 | .006 | .006 | BF | .005 | .004 | .004 | .007 | .005 | .007 | .017 | .024 | .025 | .024 | .025 | .025 | .023 | .023 | .021 | .019 | .010 | .005 | .003 | .002 | 23 | .025 |
| 7 | .002 | .002 | .002 | BF | .005 | .007 | .006 | .010 | .023 | .037 | .041 | .041 | .040 | .039 | .039 | .038 | .037 | .037 | .037 | .035 | .016 | .012 | .015 | .011 | 23 | .041 |
| 8 | .009 | .008 | .006 | BF | .006 | .005 | .005 | .008 | .020 | .031 | .037 | .040 | .045 | .042 | .040 | .040 | .043 | .047 | .046 | .030 | .018 | .011 | .009 | .008 | 23 | .047 |
| 9 | .007 | .006 | .006 | BF | .012 | .012 | .011 | .015 | .020 | .022 | .025 | .029 | .036 | .042 | .046 | .046 | .042 | .039 | .037 | .025 | .019 | .014 | .011 | .010 | 23 | .046 |
| 10 | .008 | .007 | .006 | BF | .004 | .003 | .004 | .008 | .013 | .021 | .034 | .041 | .043 | .045 | .044 | .047 | .049 | .047 | .041 | .032 | .023 | .016 | .012 | .009 | 23 | .049 |
| 11 | .011 | .010 | .008 | BF | .005 | .004 | .003 | .009 | .017 | .027 | .037 | .041 | .039 | .042 | .044 | .047 | .049 | .049 | .041 | .036 | .026 | .018 | .015 | .011 | 23 | .049 |
| 12 | .010 | .008 | .008 | BF | .004 | .003 | .003 | .009 | .017 | .030 | .043 | .046 | .045 | .045 | .044 | .043 | .040 | .040 | .038 | .036 | .031 | .026 | .023 | .015 | 23 | .046 |
| 13 | .010 | .007 | .005 | BF | .005 | .006 | .006 | .009 | .013 | .025 | .037 | .036 | .035 | .034 | .034 | .030 | .033 | .029 | .026 | .021 | .015 | .012 | .010 | .007 | 23 | .037 |
| 14 | .005 | .004 | .003 | BF | .002 | .002 | .004 | .008 | .012 | .025 | .036 | .039 | .037 | .036 | .037 | .036 | .031 | .027 | .027 | .017 | .010 | .006 | .004 | .002 | 23 | .039 |
| 15 | .002 | .002 | .002 | BF | .002 | .003 | .003 | .005 | .014 | .020 | .025 | .026 | .035 | .039 | .035 | .030 | .031 | .031 | .029 | .017 | .008 | .010 | .009 | .008 | 23 | .039 |
| 16 | .009 | .010 | .009 | BF | .007 | .007 | .007 | .007 | .015 | .021 | .026 | .027 | .037 | .038 | .040 | .032 | .040 | .046 | .045 | .041 | .028 | .028 | .020 | .015 | 23 | .046 |
| 17 | .015 | .012 | .009 | BF | .005 | .004 | .005 | .012 | .019 | .024 | .026 | .036 | .041 | .043 | .044 | .045 | .039 | .035 | .039 | .036 | .019 | .013 | .012 | .009 | 23 | .045 |
| 18 | .006 | .007 | .005 | BF | .007 | .005 | .006 | .011 | .012 | .017 | .026 | .035 | .035 | .038 | .035 | .036 | .036 | .033 | .024 | .024 | .040 | .034 | .028 | .019 | 23 | .040 |
| 19 | .015 | .014 | .010 | BF | .007 | .005 | .007 | .011 | .014 | .023 | .031 | .037 | .042 | .042 | .047 | .047 | .049 | .057 | .056 | .040 | .038 | .032 | .026 | .019 | 23 | .057 |
| 20 | .018 | .013 | .009 | BF | .006 | .007 | .010 | .016 | .017 | .026 | .042 | .042 | .043 | .046 | .046 | .045 | .046 | .042 | .039 | .031 | .029 | .025 | .017 | .019 | 23 | .046 |
| 21 | .016 | .016 | .013 | BF | .011 | .012 | .013 | .014 | .014 | .024 | .038 | .048 | .046 | .042 | .044 | .043 | .036 | .029 | .028 | .021 | .014 | .012 | .009 | .008 | 23 | .048 |
| 22 | .006 | .003 | .003 | BF | .002 | .002 | .005 | .006 | .009 | .019 | .034 | .039 | .042 | .042 | .036 | .029 | .023 | .026 | .028 | .018 | .013 | .010 | .007 | .004 | 23 | .042 |
| 23 | .003 | .002 | .002 | BF | .002 | .002 | .003 | .005 | .007 | .016 | .024 | .033 | .036 | .036 | .035 | .032 | .029 | .032 | .028 | .024 | .020 | .013 | .007 | .004 | 23 | .036 |
| 24 | .014 | .030 | .028 | BF | .021 | .015 | .012 | .015 | .021 | .029 | .032 | .036 | .042 | .041 | .041 | .042 | .042 | .038 | .035 | .020 | .019 | .018 | .017 | .016 | 23 | .042 |
| 25 | .016 | .015 | .013 | BF | .008 | .007 | .009 | .011 | .013 | .018 | .034 | .039 | .039 | .041 | .043 | .046 | .051 | .055 | .055 | .045 | .032 | .027 | .025 | .018 | 23 | .055 |
| 26 | .012 | .014 | .012 | BF | .008 | .005 | .006 | .011 | .011 | BA | AI | .044 | .047 | .046 | .045 | .045 | .046 | .045 | .041 | .031 | .032 | .028 | .021 | .017 | 21 | .047 |
| 27 | .016 | .013 | .010 | BF | .008 | .006 | .006 | .015 | .023 | .031 | .042 | .043 | .042 | .041 | .037 | .035 | .035 | .038 | .028 | .019 | .011 | .008 | .007 | .005 | 23 | .043 |
| 28 | .006 | .005 | .005 | BF | .003 | .003 | .003 | .006 | .012 | .012 | .009 | .012 | .017 | .018 | .022 | .024 | .018 | .020 | .019 | .013 | .013 | .013 | .018 | .017 | 23 | .024 |
| 29 | .017 | .011 | .010 | BF | .006 | .009 | .008 | .013 | .021 | .036 | .046 | .048 | .049 | .050 | .050 | .049 | .044 | .045 | .039 | .031 | .024 | .020 | .016 | .015 | 23 | .050 |
| 30 | .011 | .012 | .008 | BF | .006 | .005 | .007 | .010 | .015 | .028 | .037 | .037 | .039 | .040 | .040 | .041 | .041 | .039 | .037 | .026 | .020 | .021 | .022 | .020 | 23 | .041 |
| 31 | .020 | .013 | .009 | BF | .006 | .005 | .006 | .009 | .016 | .028 | .037 | .041 | .042 | .038 | .036 | .037 | .039 | .041 | .041 | .030 | .023 | .020 | .014 | .017 | 23 | .042 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .020 | .030 | .028 | | .021 | .015 | .013 | .016 | .026 | .037 | .046 | .048 | .049 | .050 | .050 | .049 | .051 | .057 | .056 | .045 | .040 | .034 | .028 | .020 | | |
| AVG: | .0098 | .0091 | .0078 | | .0062 | .0056 | .0062 | .0098 | .0149 | .0231 | .0313 | .0355 | .0379 | .0384 | .0383 | .0375 | .0368 | .0364 | .0338 | .0263 | .0196 | .0165 | .0137 | .0110 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0220 MONTHLY MAX: .057

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-173-0002 POC: 1
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 4.11

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .014 | .011 | .009 | BF | .006 | .004 | .004 | .007 | .013 | .020 | .034 | .043 | .040 | .039 | .034 | .034 | .033 | .029 | .025 | .015 | .012 | .010 | .009 | .008 | 23 | .043 |
| 2 | .008 | .008 | .006 | BF | .005 | .003 | .003 | .006 | .013 | .021 | .024 | .031 | .038 | .037 | .047 | .047 | .046 | .043 | .038 | .027 | .024 | .018 | .014 | .010 | 23 | .047 |
| 3 | .006 | .006 | .005 | BF | .005 | .006 | .008 | .013 | .017 | .019 | .024 | .041 | .050 | .045 | .044 | .045 | .044 | .040 | .040 | .026 | .020 | .017 | .013 | .009 | 23 | .050 |
| 4 | .006 | .006 | .005 | BF | .005 | .005 | .006 | .008 | .012 | .023 | .037 | .039 | .040 | .040 | .040 | .040 | .037 | .027 | .021 | .017 | .011 | .010 | .008 | .008 | 23 | .040 |
| 5 | .007 | .007 | .006 | BF | .007 | .007 | .009 | .013 | .026 | .027 | .034 | .037 | .038 | .040 | .042 | .040 | .038 | .038 | .039 | .032 | .016 | .011 | .008 | .009 | 23 | .042 |
| 6 | .008 | .006 | .004 | BF | .005 | .005 | .005 | .007 | .008 | .015 | .024 | .038 | .042 | .042 | .044 | .043 | .042 | .038 | .036 | .019 | .030 | .025 | .017 | .014 | 23 | .044 |
| 7 | .013 | .012 | .012 | BF | .011 | .010 | .012 | .010 | .011 | .011 | .013 | .017 | .016 | .018 | .023 | .024 | .022 | .019 | .020 | .017 | .011 | .014 | .018 | .023 | 23 | .024 |
| 8 | .021 | .025 | .022 | BF | .014 | .011 | .014 | .017 | .017 | .024 | .032 | .034 | .034 | .038 | .042 | .040 | .038 | .038 | .038 | .029 | .019 | .020 | .020 | .019 | 23 | .042 |
| 9 | .021 | .021 | .020 | BF | .016 | .015 | .011 | .012 | AI | .033 | .041 | .045 | .045 | .045 | .041 | .040 | .031 | .024 | .023 | .017 | .015 | .017 | .018 | .014 | 22 | .045 |
| 10 | .012 | .011 | .012 | BF | .010 | .008 | .008 | .011 | .014 | .018 | .021 | .022 | .024 | .027 | .026 | .023 | .025 | .025 | .017 | .014 | .007 | .006 | .005 | .002 | 23 | .027 |
| 11 | .003 | .003 | .004 | BF | .003 | .004 | .004 | .005 | .007 | .012 | .024 | .028 | .028 | .029 | .029 | .025 | .022 | .022 | .022 | .014 | .011 | .013 | .011 | .009 | 23 | .029 |
| 12 | .007 | .006 | .006 | BF | .003 | .002 | .004 | .005 | .009 | .019 | .025 | .028 | .033 | .035 | .032 | .033 | .035 | .037 | .038 | .039 | .035 | .017 | .010 | .007 | 23 | .039 |
| 13 | .007 | .006 | .008 | BF | .006 | .005 | .005 | .007 | .011 | .017 | .023 | .028 | .030 | .033 | .038 | .035 | .032 | .031 | .026 | .016 | .009 | .007 | .005 | .004 | 23 | .038 |
| 14 | .003 | .002 | .002 | BF | .002 | .002 | .002 | .003 | .005 | .009 | .017 | .036 | .040 | .039 | .039 | .040 | .039 | .033 | .030 | .016 | .014 | .011 | .012 | .008 | 23 | .040 |
| 15 | .007 | .006 | .004 | BF | .003 | .002 | .002 | .004 | .020 | .026 | .031 | .032 | .033 | .035 | .035 | .037 | .037 | .034 | .032 | .018 | .016 | .013 | .008 | .009 | 23 | .037 |
| 16 | .006 | .005 | .004 | BF | .004 | .004 | .005 | .007 | .008 | .014 | .025 | .032 | .035 | .035 | .031 | .028 | .027 | .026 | .027 | .016 | .011 | .006 | .004 | .004 | 23 | .035 |
| 17 | .003 | .003 | .003 | BF | .003 | .002 | .002 | .003 | .006 | .014 | .019 | .025 | .025 | .025 | .024 | .023 | .024 | .026 | .022 | .013 | .011 | .009 | .006 | .004 | 23 | .026 |
| 18 | .004 | .003 | .002 | BF | .002 | .001 | .002 | .002 | .003 | .011 | .020 | .030 | .036 | .039 | .043 | .043 | .042 | .041 | .042 | .029 | .020 | .018 | .018 | .010 | 23 | .043 |
| 19 | .007 | .008 | .007 | BF | .007 | .008 | .007 | .010 | .017 | .025 | .034 | .042 | .045 | .042 | .040 | .044 | .043 | .041 | .034 | .021 | .015 | .010 | .008 | .006 | 23 | .045 |
| 20 | .006 | .007 | .005 | BF | .004 | .003 | .003 | .006 | .008 | .013 | .027 | .036 | .040 | .041 | .040 | .041 | .039 | .038 | .028 | .023 | .020 | .014 | .009 | .008 | 23 | .041 |
| 21 | .008 | .006 | .007 | BF | .003 | .003 | .002 | .008 | .014 | .024 | .035 | .044 | .045 | .042 | .033 | .043 | .044 | .038 | .033 | .024 | .017 | .013 | .008 | .007 | 23 | .045 |
| 22 | .004 | .003 | .004 | BF | .003 | .004 | .004 | .007 | .013 | .018 | .037 | .043 | .045 | .044 | .044 | .043 | .043 | .042 | .037 | .024 | .019 | .013 | .009 | .006 | 23 | .045 |
| 23 | .006 | .005 | .006 | BF | .004 | .003 | .004 | .005 | .007 | BA | BA | .039 | .042 | .044 | .048 | .048 | .047 | .047 | .044 | .029 | .026 | .019 | .015 | .012 | 21 | .048 |
| 24 | .009 | .010 | .007 | BF | .008 | .006 | .006 | .007 | .011 | .022 | .031 | .038 | .040 | .040 | .040 | .045 | .048 | .048 | .048 | .049 | .039 | .034 | .029 | .023 | 23 | .049 |
| 25 | .019 | .016 | .011 | BF | .010 | .007 | .005 | .011 | .019 | .027 | .041 | .048 | .049 | .049 | .048 | .045 | .043 | .039 | .036 | .024 | .019 | .018 | .016 | .011 | 23 | .049 |
| 26 | .008 | .007 | .008 | BF | .013 | .013 | .012 | .014 | .022 | .038 | .045 | .048 | .048 | .050 | .049 | .048 | .047 | .046 | .039 | .030 | .039 | .037 | .027 | .022 | 23 | .050 |
| 27 | .019 | .018 | .016 | BF | .013 | .013 | .013 | .015 | .020 | .035 | .039 | .040 | .040 | .039 | .040 | .031 | .034 | .032 | .025 | .022 | .018 | .016 | .013 | .014 | 23 | .040 |
| 28 | .019 | .021 | .016 | BF | .008 | .005 | .006 | .014 | .028 | .039 | .043 | .048 | .047 | .045 | .047 | .048 | .046 | .043 | .037 | .030 | .025 | .022 | .021 | .026 | 23 | .048 |
| 29 | .025 | .020 | .017 | BF | .011 | .008 | .006 | .010 | .022 | .030 | .036 | .036 | .038 | .039 | .041 | .042 | .044 | .045 | .038 | .026 | .025 | .025 | .022 | .018 | 23 | .045 |
| 30 | .014 | .010 | .009 | BF | .004 | .003 | .002 | .005 | .011 | .022 | .036 | .043 | .040 | .037 | .034 | .031 | .029 | .022 | .019 | .014 | .012 | .009 | .008 | .006 | 23 | .043 |
| 31 | .005 | .005 | .005 | BF | .004 | .003 | .004 | .006 | .009 | .010 | .011 | .011 | .014 | .016 | .015 | .016 | .017 | .021 | .021 | .010 | .013 | .012 | .012 | .011 | 23 | .021 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .025 | .025 | .022 | | .016 | .015 | .014 | .017 | .028 | .039 | .045 | .048 | .050 | .050 | .049 | .048 | .048 | .048 | .048 | .049 | .039 | .037 | .029 | .026 | | |
| AVG: | .0098 | .0091 | .0081 | | .0065 | .0056 | .0058 | .0083 | .0134 | .0212 | .0294 | .0355 | .0374 | .0377 | .0378 | .0376 | .0367 | .0346 | .0315 | .0226 | .0187 | .0156 | .0129 | .0110 | | |

MONTHLY OBSERVATIONS: 710 MONTHLY MEAN: .0212 MONTHLY MAX: .050

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-173-0002 POC: 1
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 4.11

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .014 | .018 | .020 | BF | .021 | .031 | .024 | .028 | .033 | .032 | .027 | .028 | .038 | .040 | .038 | .039 | .040 | .038 | .033 | .032 | .028 | .020 | .021 | .031 | 23 | .040 | |
| 2 | .023 | .021 | .031 | BF | .020 | .017 | .029 | .029 | .030 | .033 | .039 | .039 | .038 | .037 | .039 | .040 | .040 | .040 | .040 | .037 | .022 | .016 | .012 | .007 | 23 | .040 | |
| 3 | .005 | .004 | .006 | BF | .011 | .012 | .013 | .014 | .018 | .024 | .028 | .032 | .033 | .035 | .038 | .039 | .039 | .036 | .027 | .015 | .010 | .010 | .010 | .006 | 23 | .039 | |
| 4 | .003 | .002 | .002 | BF | .004 | .005 | .004 | .006 | .009 | .012 | .020 | .032 | .033 | .032 | .031 | .032 | .031 | .031 | .023 | .017 | .014 | .009 | .006 | .005 | 23 | .033 | |
| 5 | .005 | .005 | .004 | BF | .005 | .005 | .005 | .006 | .009 | .015 | .025 | .032 | .037 | .040 | .040 | .037 | .042 | .035 | .029 | .026 | .030 | .023 | .021 | .018 | 23 | .042 | |
| 6 | .015 | .013 | .013 | BF | .026 | .026 | .025 | .020 | BA | BA | BA | .026 | .030 | .033 | .041 | .044 | .044 | .045 | .031 | .021 | .015 | .011 | .008 | .007 | 20 | .045 | |
| 7 | .007 | .008 | .008 | BF | .007 | .008 | .009 | .010 | .013 | .015 | .020 | .031 | .034 | .033 | .036 | .038 | .038 | .035 | .032 | .020 | .013 | .009 | .008 | .006 | 23 | .038 | |
| 8 | .007 | .007 | .006 | BF | .005 | .006 | .006 | .008 | .010 | AO | AO | 8 | .010 |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 10 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 11 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 12 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 13 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 14 | AO | AO | AO | AO | AO | AO | AO | AO | BA | BC | BC | .027 | .035 | .034 | .032 | .031 | .029 | .029 | .019 | .007 | .005 | .006 | .004 | .003 | 13 | .035 | |
| 15 | .002 | .002 | .002 | BF | .003 | .006 | .005 | .006 | .009 | .012 | .016 | .020 | .022 | .022 | .027 | .029 | .028 | .027 | .015 | .012 | .010 | .007 | .004 | .002 | 23 | .029 | |
| 16 | .002 | .002 | .002 | BF | .003 | .004 | .004 | .006 | .008 | .009 | .011 | .021 | .029 | .038 | .043 | .041 | .042 | .036 | .025 | .021 | .013 | .015 | .013 | .014 | 23 | .043 | |
| 17 | .011 | .007 | .005 | BF | .003 | .004 | .004 | .006 | .008 | .009 | .016 | .025 | .030 | .037 | .041 | .043 | .044 | .039 | .029 | .023 | .017 | .012 | .009 | .007 | 23 | .044 | |
| 18 | .006 | .005 | .006 | BF | .006 | .005 | .008 | .008 | .009 | .010 | .018 | .031 | .039 | .040 | .039 | .046 | .046 | .044 | .027 | .021 | .017 | .012 | .010 | .006 | 23 | .046 | |
| 19 | .005 | .003 | .003 | BF | .004 | .003 | .005 | .006 | .009 | .011 | .021 | .037 | .041 | .045 | .041 | .042 | .041 | .040 | .033 | .020 | .016 | .014 | .011 | .011 | 23 | .045 | |
| 20 | .014 | .012 | .011 | BF | .007 | .008 | .008 | .009 | .010 | .013 | .022 | .034 | .037 | .037 | .038 | .041 | .042 | .040 | .032 | .024 | .015 | .013 | .009 | .008 | 23 | .042 | |
| 21 | .007 | .006 | .008 | BF | .007 | .007 | .006 | .007 | .009 | .011 | .020 | .032 | .034 | .040 | .043 | .033 | .028 | .025 | .016 | .012 | .008 | .005 | .003 | .005 | 23 | .043 | |
| 22 | .005 | .004 | .005 | BF | .005 | .006 | .006 | .008 | .009 | .011 | .020 | .036 | .043 | .043 | .046 | .046 | .042 | .041 | .030 | .020 | .018 | .021 | .018 | .012 | 23 | .046 | |
| 23 | .011 | .007 | .006 | BF | .003 | .004 | .003 | .004 | .008 | .012 | .026 | .040 | .043 | .048 | .044 | .043 | .041 | .033 | .028 | .034 | .023 | .014 | .011 | .008 | 23 | .048 | |
| 24 | .005 | .003 | .004 | BF | .004 | .004 | .005 | .007 | .011 | .016 | .024 | .039 | .043 | .045 | .047 | .045 | .042 | .036 | .025 | .015 | .010 | .008 | .006 | .006 | 23 | .047 | |
| 25 | .005 | .004 | .004 | BF | .004 | .004 | .004 | .005 | .006 | .009 | .017 | .028 | .032 | .035 | .040 | .041 | .041 | .035 | .023 | .016 | .011 | .009 | .009 | .007 | 23 | .041 | |
| 26 | .006 | .005 | .004 | BF | .007 | .006 | .006 | .007 | .009 | .011 | .024 | .034 | .036 | .040 | .042 | .046 | .047 | .043 | .030 | .023 | .014 | .013 | .012 | .009 | 23 | .047 | |
| 27 | .008 | .007 | .005 | BF | .005 | .006 | .004 | .005 | .008 | .012 | .029 | .039 | .042 | AZ | .045 | .047 | .040 | .033 | .030 | .023 | .018 | .011 | .009 | .007 | 22 | .047 | |
| 28 | .007 | .004 | .004 | BF | .006 | .006 | .006 | .006 | .008 | .014 | .029 | .041 | .048 | .051 | .051 | .056 | .050 | .051 | .045 | .034 | .024 | .019 | .013 | .011 | 23 | .056 | |
| 29 | .009 | .007 | .005 | BF | .003 | .003 | .003 | .004 | .009 | .013 | .019 | .032 | .042 | .044 | .044 | .044 | .049 | .049 | .045 | .032 | .027 | .018 | .017 | .014 | 23 | .049 | |
| 30 | .014 | .011 | .007 | BF | .008 | .009 | .010 | .010 | .018 | .031 | .045 | .046 | .046 | .048 | .047 | .048 | .045 | .042 | .032 | .027 | .028 | .027 | .027 | .026 | 23 | .048 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| NO.: | 24 | 24 | 24 | | 24 | 24 | 24 | 24 | 23 | 22 | 22 | 24 | 24 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | |
| MAX: | .023 | .021 | .031 | | .026 | .031 | .029 | .029 | .033 | .033 | .045 | .046 | .048 | .051 | .051 | .056 | .050 | .051 | .045 | .037 | .030 | .027 | .027 | .031 | | | |
| AVG: | .0082 | .0070 | .0071 | | .0074 | .0081 | .0084 | .0094 | .0117 | .0152 | .0235 | .0326 | .0369 | .0390 | .0405 | .0413 | .0405 | .0376 | .0291 | .0222 | .0169 | .0134 | .0113 | .0098 | | | |

MONTHLY OBSERVATIONS: 546 MONTHLY MEAN: .0207 MONTHLY MAX: .056

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-173-0002 POC: 1
 COUNTY: (173) Swain
 CITY: (08480) Bryson City (RR name Bryson)
 SITE ADDRESS: 30 Recreation Park Drive
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move)
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AOCR: (171) WESTERN MOUNTAIN
 URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 4.11

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .020 | .017 | .014 | BF | .009 | .007 | .006 | .008 | .016 | .026 | .035 | .039 | .039 | .041 | .042 | .042 | .040 | .037 | .027 | .023 | .015 | .016 | .016 | .021 | 23 | .042 |
| 2 | .020 | .018 | .014 | BF | .012 | .011 | .009 | .012 | .020 | .027 | .033 | .042 | .043 | .044 | .045 | .046 | .047 | .040 | .031 | .028 | .021 | .015 | .011 | .012 | 23 | .047 |
| 3 | .016 | .015 | .011 | BF | .007 | .004 | .002 | .005 | .011 | .024 | .037 | .046 | .048 | .048 | .046 | .044 | .045 | .040 | .032 | .020 | .013 | .010 | .012 | .016 | 23 | .048 |
| 4 | .014 | .014 | .012 | BF | .007 | .006 | .002 | .005 | .013 | .025 | .033 | .040 | .042 | .042 | .042 | .044 | .045 | .039 | .028 | .020 | .013 | .011 | .010 | .008 | 23 | .045 |
| 5 | .007 | .005 | .004 | BF | .003 | .003 | .003 | .005 | .011 | .015 | .026 | .035 | .039 | .040 | .043 | .045 | .044 | .038 | .031 | .023 | .015 | .013 | .010 | .008 | 23 | .045 |
| 6 | .008 | .007 | .007 | BF | .005 | .003 | .003 | .004 | .011 | .022 | .040 | .047 | .045 | .045 | .044 | .044 | .044 | .036 | .027 | .022 | .021 | .015 | .011 | .011 | 23 | .047 |
| 7 | .010 | .008 | .009 | BF | .015 | .010 | .011 | .010 | .012 | .015 | .020 | .028 | .029 | .029 | .028 | .027 | .025 | .021 | .016 | .011 | .011 | .009 | .009 | .010 | 23 | .029 |
| 8 | .008 | .006 | .004 | BF | .003 | .003 | .003 | .005 | .009 | .012 | .014 | .013 | .014 | .015 | .019 | .028 | .029 | .026 | .025 | .024 | .020 | .017 | .013 | .013 | 23 | .029 |
| 9 | .010 | .007 | .004 | BF | .003 | .002 | .002 | .002 | .002 | .005 | .014 | .023 | .023 | .025 | .025 | .021 | .020 | .012 | .007 | .004 | .002 | .002 | .002 | .002 | 23 | .025 |
| 10 | .001 | .001 | .001 | BF | .001 | .001 | BA | BA | BA | BA | BA | .017 | .020 | .024 | .025 | .022 | .022 | .015 | .008 | .008 | .005 | .003 | .002 | .002 | 18 | .025 |
| 11 | .003 | .002 | .002 | BF | .002 | .002 | .001 | .002 | .004 | .006 | .013 | .027 | .034 | .035 | .036 | .038 | .038 | .035 | .023 | .013 | .008 | .005 | .003 | .002 | 23 | .038 |
| 12 | .002 | .003 | .004 | BF | .003 | .004 | .005 | .007 | .010 | .010 | .031 | .034 | .041 | .049 | .048 | .045 | .043 | .033 | .029 | .020 | .012 | .010 | .009 | .008 | 23 | .049 |
| 13 | .007 | .005 | .006 | BF | .003 | .002 | .002 | .002 | .005 | .014 | .027 | .036 | .040 | .040 | .039 | .039 | .033 | .021 | .017 | .014 | .010 | .008 | .006 | .005 | 23 | .040 |
| 14 | .004 | .004 | .005 | BF | .006 | .005 | .005 | .005 | .007 | .016 | .031 | .031 | .036 | .039 | .041 | .041 | .040 | .035 | .021 | .019 | .012 | .007 | .005 | .004 | 23 | .041 |
| 15 | .003 | .002 | .002 | BF | .004 | .003 | .003 | .003 | .006 | .007 | .016 | .027 | .027 | .025 | .026 | .028 | .025 | .016 | .009 | .008 | .005 | .005 | .005 | .007 | 23 | .028 |
| 16 | .016 | .024 | .025 | BF | .024 | .019 | .017 | .017 | .018 | .020 | .022 | .023 | .026 | .031 | .036 | .038 | .037 | .035 | .029 | .023 | .019 | .016 | .011 | .008 | 23 | .038 |
| 17 | .007 | .008 | .008 | BF | .008 | .008 | .007 | .007 | .010 | .012 | .016 | .029 | .034 | .038 | .037 | .035 | .034 | .029 | .022 | .013 | .007 | .006 | .006 | .005 | 23 | .038 |
| 18 | .005 | .003 | .004 | BF | .005 | .005 | .005 | .005 | .008 | .009 | .013 | .023 | .034 | .042 | .042 | .041 | .040 | .029 | .025 | .011 | .011 | .008 | .006 | .006 | 23 | .042 |
| 19 | .005 | .004 | .004 | BF | .004 | .004 | .004 | .004 | .009 | .012 | .021 | .033 | .037 | .041 | .043 | .042 | .041 | .029 | .019 | .012 | .010 | .009 | .008 | .006 | 23 | .043 |
| 20 | .005 | .004 | .004 | BF | .003 | .003 | .003 | .003 | .006 | .011 | .019 | .029 | .037 | .043 | .040 | .042 | .041 | .032 | .016 | .015 | .011 | .008 | .007 | .006 | 23 | .043 |
| 21 | .005 | .004 | .003 | BF | .003 | .002 | .002 | .003 | .007 | .016 | .026 | .040 | .048 | .052 | .051 | .050 | .045 | .032 | .024 | .019 | .014 | .014 | .011 | .010 | 23 | .052 |
| 22 | .008 | .007 | .007 | BF | .008 | .010 | .012 | .008 | .013 | .026 | .034 | .039 | .040 | .041 | .041 | .040 | .036 | .024 | .022 | .034 | .039 | .038 | .035 | .034 | 23 | .041 |
| 23 | .030 | .030 | .030 | BF | .023 | .028 | .012 | .016 | .022 | .022 | .026 | .031 | .033 | .036 | .037 | .039 | .042 | .041 | .040 | .039 | .037 | .034 | .031 | .031 | 23 | .042 |
| 24 | .033 | .032 | .023 | BF | .012 | .008 | .009 | .009 | .012 | .021 | .033 | .040 | .041 | .042 | .042 | .042 | .041 | .040 | .040 | .029 | .025 | .019 | .016 | .014 | 23 | .042 |
| 25 | .012 | .009 | .008 | BF | .006 | .006 | .005 | .007 | .008 | .027 | .030 | .031 | .032 | .035 | .036 | .036 | .038 | .036 | .025 | .021 | .016 | .016 | .014 | .011 | 23 | .038 |
| 26 | .013 | .016 | .013 | BF | .012 | .010 | .007 | .007 | .012 | .019 | .030 | .036 | .040 | .043 | .041 | .041 | .042 | .033 | .023 | .018 | .014 | .013 | .012 | .009 | 23 | .043 |
| 27 | .008 | .007 | .005 | BF | .004 | .003 | .002 | .003 | .007 | .013 | .020 | .032 | .042 | .044 | .045 | .045 | .046 | .046 | .044 | .033 | .034 | .035 | .032 | .033 | 23 | .046 |
| 28 | .031 | .038 | .042 | BF | .047 | .043 | .030 | .024 | .025 | .030 | .030 | .027 | .025 | .025 | .026 | .023 | .020 | .020 | .018 | .017 | .018 | .018 | .018 | .017 | 23 | .047 |
| 29 | .017 | .017 | .018 | BF | .017 | .017 | .016 | .012 | .015 | .017 | .020 | .021 | .022 | .023 | .025 | .027 | .027 | .026 | .025 | .025 | .026 | .026 | .027 | .027 | 23 | .027 |
| 30 | .027 | .027 | .014 | BF | .012 | .012 | .013 | .011 | .014 | .027 | .033 | .038 | .041 | .042 | .041 | .040 | .038 | .029 | .022 | .017 | .017 | .013 | .010 | .009 | 23 | .042 |
| 31 | .007 | .006 | .006 | BF | .004 | .003 | .002 | .002 | .005 | .012 | .022 | .029 | .043 | .050 | .052 | .050 | .048 | .039 | .025 | .019 | .013 | .012 | .011 | .008 | 23 | .052 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .033 | .038 | .042 | | .047 | .043 | .030 | .024 | .025 | .030 | .040 | .047 | .048 | .052 | .052 | .050 | .048 | .046 | .044 | .039 | .039 | .038 | .035 | .034 | | |
| AVG: | .0117 | .0113 | .0101 | | .0089 | .0080 | .0068 | .0071 | .0109 | .0173 | .0255 | .0318 | .0353 | .0377 | .0381 | .0379 | .0373 | .0312 | .0242 | .0195 | .0161 | .0140 | .0124 | .0117 | | |

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .0202 MONTHLY MAX: .052

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-173-0002 POC: 1
 COUNTY: (173) Swain STATE: (37) North Carolina
 CITY: (08480) Bryson City (RR name Bryson) AQCR: (171) WESTERN MOUNTAIN
 SITE ADDRESS: 30 Recreation Park Drive URBANIZED AREA: (0000) NOT IN AN URBAN AREA
 SITE COMMENTS: Address before Mar 2010 was 470 CENTER STREET, +35.435509, -83.443697 (173 M move); LAND USE: RESIDENTIAL
 MONITOR COMMENTS: LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 35.434767
 LONGITUDE: -83.442133
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 560
 PROBE HEIGHT: 4.11

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .007 | .005 | .005 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .007 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .007 | .005 | .005 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0070 | .0050 | .0050 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0057 MONTHLY MAX: .007

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-179-0003 POC: 1
 COUNTY: (179) Union
 CITY: (43920) Monroe
 SITE ADDRESS: 701 CHARLES STREET
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.974038917
 LONGITUDE: -80.54062183
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 184
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .031 | .027 | .026 | BF | .026 | .024 | .022 | .021 | .023 | .023 | .025 | .026 | .029 | .030 | .032 | .031 | .031 | .031 | .031 | .030 | .031 | .032 | .033 | .031 | 23 | .033 |
| 2 | .028 | .027 | .034 | BF | .041 | .039 | .037 | .034 | .036 | .038 | .041 | .042 | .043 | .045 | .047 | .047 | .047 | .047 | .045 | .041 | .034 | .021 | .026 | .011 | 23 | .047 |
| 3 | .015 | .009 | .020 | BF | .011 | .007 | .004 | .009 | .030 | .035 | .042 | .046 | .047 | .048 | .048 | .048 | .047 | .045 | .042 | .039 | .038 | .032 | .031 | .031 | 23 | .048 |
| 4 | .023 | .016 | .013 | BF | .001 | .001 | .001 | .004 | .023 | .038 | .041 | .043 | .045 | .047 | .048 | .049 | .050 | .048 | .040 | .032 | .023 | .016 | .021 | .025 | 23 | .050 |
| 5 | .020 | .020 | .023 | BF | .019 | .019 | .021 | .024 | .029 | .033 | .036 | .040 | .044 | .047 | .050 | .051 | .051 | .049 | .044 | .045 | .046 | .044 | .043 | .041 | 23 | .051 |
| 6 | .040 | .038 | .035 | BF | .023 | .024 | .022 | .017 | .021 | .027 | .032 | .039 | .042 | .046 | .050 | .045 | .045 | .042 | .035 | .013 | .013 | .018 | .035 | .040 | 23 | .050 |
| 7 | .041 | .041 | .039 | BF | .038 | .036 | .032 | .037 | .040 | .044 | .048 | .049 | AE | .053 | .051 | .050 | .049 | .047 | .047 | .046 | .045 | .041 | .038 | .037 | 22 | .053 |
| 8 | .036 | .037 | .035 | BF | .030 | .033 | .030 | .034 | .036 | .040 | .046 | .048 | .048 | .055 | AE | AE | AE | AE | .026 | .019 | .012 | .013 | .010 | .010 | 19 | .055 |
| 9 | .008 | .009 | .006 | BF | .003 | .001 | .001 | .002 | .013 | .031 | AE | .051 | AE | AE | AE | .057 | AE | AE | .049 | .027 | .016 | .039 | .034 | .049 | 17 | .057 |
| 10 | .046 | .044 | .046 | BF | .049 | .046 | .037 | .034 | .035 | .037 | .043 | .048 | .050 | .050 | .050 | .051 | .051 | .052 | .048 | .043 | .042 | .042 | .037 | .037 | 23 | .052 |
| 11 | .035 | .035 | .031 | BF | .018 | .014 | .012 | .018 | .037 | .041 | .041 | .042 | .043 | .042 | .041 | .040 | .042 | .043 | .041 | .031 | .029 | .028 | .036 | .041 | 23 | .043 |
| 12 | .038 | .043 | .043 | BF | .040 | .039 | .040 | .040 | .040 | .040 | .041 | .042 | .044 | .044 | .044 | .045 | .045 | .045 | .041 | .035 | .032 | .031 | .029 | .029 | 23 | .045 |
| 13 | .025 | .018 | .014 | BF | .017 | .016 | .019 | .022 | .032 | .037 | .039 | .040 | .040 | .040 | .038 | .036 | .035 | .037 | .037 | .037 | .035 | .035 | .034 | .034 | 23 | .040 |
| 14 | .032 | .031 | .032 | BF | .032 | .029 | .026 | .023 | .026 | .029 | .032 | .035 | .037 | .035 | .037 | .037 | .036 | .036 | .037 | .034 | .037 | .036 | .039 | .038 | 23 | .039 |
| 15 | .040 | .039 | .038 | BK | AN | AN | AN | AN | .040 | .042 | .044 | .045 | .046 | .047 | .047 | .047 | .047 | .046 | .044 | .042 | .040 | .038 | .037 | .034 | 19 | .047 |
| 16 | .034 | .036 | .033 | BF | .019 | .003 | .002 | .008 | .028 | .038 | .041 | .044 | .047 | .049 | .051 | .051 | .052 | .052 | .045 | .010 | .017 | .019 | .007 | .001 | 23 | .052 |
| 17 | .005 | .004 | .011 | BF | .002 | .001 | .001 | .012 | .039 | .046 | .048 | .050 | .053 | .055 | .054 | .056 | .056 | .054 | .050 | .048 | .046 | .048 | .051 | .053 | 23 | .056 |
| 18 | .052 | .049 | .049 | BF | .048 | .048 | .044 | .043 | .043 | .044 | .045 | .048 | .050 | .050 | .050 | .049 | .047 | .042 | .033 | .015 | .007 | .005 | .029 | .040 | 23 | .052 |
| 19 | .036 | .035 | .036 | BF | .033 | .031 | .028 | .027 | .029 | .030 | .033 | .036 | .038 | .040 | .041 | .042 | .043 | .043 | .038 | .025 | .010 | .004 | .011 | .027 | 23 | .043 |
| 20 | .013 | .010 | .007 | BF | .001 | .000 | .000 | .003 | .021 | .030 | .036 | .041 | .045 | .049 | .052 | .054 | .053 | .052 | .049 | .043 | .041 | .033 | .034 | .043 | 23 | .054 |
| 21 | .047 | .045 | .043 | BF | .043 | .039 | .034 | .033 | BA | .044 | .049 | .055 | .058 | .059 | .061 | .061 | .060 | .054 | .048 | .051 | .043 | .051 | .053 | .051 | 22 | .061 |
| 22 | .050 | .046 | .036 | BF | .036 | .033 | .029 | .034 | .040 | .042 | .045 | .047 | .048 | .049 | .050 | .051 | .053 | .052 | .044 | .033 | .017 | .028 | .039 | .041 | 23 | .053 |
| 23 | .041 | .040 | .038 | BF | .037 | .033 | .029 | .031 | .040 | .045 | .046 | .048 | .049 | .052 | .053 | .054 | .055 | .055 | .053 | .050 | .049 | .045 | .038 | .042 | 23 | .055 |
| 24 | .043 | .043 | .039 | BF | .027 | .022 | .033 | .032 | .038 | .040 | .042 | .046 | .048 | .050 | .050 | .052 | .055 | .054 | .046 | .022 | .027 | .029 | .041 | .040 | 23 | .055 |
| 25 | .040 | .039 | .039 | BF | .037 | .029 | .032 | .035 | .040 | .045 | .047 | .047 | .048 | .048 | .050 | .049 | .047 | .046 | .040 | .041 | .041 | .042 | .041 | .040 | 23 | .050 |
| 26 | .040 | .039 | .038 | BF | .033 | .029 | .030 | .030 | .035 | .040 | .044 | .045 | .045 | .046 | .045 | .041 | .034 | .034 | .028 | .018 | .024 | .025 | .029 | .030 | 23 | .046 |
| 27 | .032 | .033 | .032 | BF | .032 | .030 | .025 | .025 | .027 | .036 | .038 | .040 | .043 | .042 | .044 | .045 | .043 | .043 | .042 | .039 | .038 | .036 | .035 | .035 | 23 | .045 |
| 28 | .035 | .037 | .035 | BF | .028 | .026 | .024 | .025 | .027 | .033 | .040 | .044 | .047 | .051 | .056 | .058 | .059 | .054 | .046 | .038 | .041 | .043 | .045 | .040 | 23 | .059 |
| 29 | .042 | .036 | .025 | BF | .034 | .021 | .022 | .035 | .043 | .048 | .050 | .053 | .055 | .058 | .058 | .059 | .061 | .061 | .055 | .051 | .035 | .048 | .047 | .045 | 23 | .061 |
| 30 | .045 | .046 | .043 | BF | .038 | .036 | .035 | .033 | .032 | .031 | .034 | .040 | .043 | .046 | .051 | .049 | .047 | .044 | .043 | .041 | .040 | .040 | .041 | .039 | 23 | .051 |
| 31 | .040 | .041 | .040 | BF | .038 | .036 | .033 | .032 | .035 | .036 | .040 | .045 | .048 | .050 | .051 | .054 | .052 | .050 | .047 | .041 | .037 | .038 | .037 | .029 | 23 | .054 |
| NO.: | 31 | 31 | 31 | | 30 | 30 | 30 | 30 | 30 | 31 | 30 | 31 | 29 | 30 | 29 | 30 | 29 | 29 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .052 | .049 | .049 | | .049 | .048 | .044 | .043 | .043 | .048 | .050 | .055 | .058 | .059 | .061 | .061 | .061 | .061 | .055 | .051 | .049 | .051 | .053 | .053 | | |
| AVG: | .0340 | .0327 | .0316 | | .0278 | .0248 | .0235 | .0252 | .0326 | .0375 | .0409 | .0440 | .0456 | .0474 | .0483 | .0486 | .0480 | .0468 | .0424 | .0348 | .0318 | .0323 | .0342 | .0350 | | |

MONTHLY OBSERVATIONS: 697 MONTHLY MEAN: .0369 MONTHLY MAX: .061

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone
 SITE ID: 37-179-0003 POC: 1
 COUNTY: (179) Union
 CITY: (43920) Monroe
 SITE ADDRESS: 701 CHARLES STREET
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.974038917
 LONGITUDE: -80.54062183
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 184
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .024 | .020 | .028 | BF | .029 | .028 | .027 | .027 | .030 | .037 | .044 | .048 | .051 | .054 | .055 | .056 | .055 | .052 | .048 | .044 | .037 | .037 | .037 | .035 | 23 | .056 | |
| 2 | .031 | .030 | .030 | BF | .031 | .032 | .030 | .031 | .032 | .034 | .036 | .039 | .041 | .043 | .045 | .045 | .048 | .048 | .049 | .048 | .045 | .043 | .041 | .038 | 23 | .049 | |
| 3 | .036 | .036 | .035 | BF | .032 | .032 | .032 | .031 | .032 | .033 | .038 | .051 | .061 | .055 | .046 | .044 | .035 | .037 | .039 | .037 | .038 | .037 | .036 | .035 | 23 | .061 | |
| 4 | .033 | .031 | .029 | BF | .029 | .029 | .028 | .028 | .030 | .037 | .043 | .047 | .049 | .050 | .052 | .053 | .053 | .054 | .051 | .046 | .048 | .041 | .030 | .032 | 23 | .054 | |
| 5 | .039 | .040 | .038 | BF | .016 | .005 | .010 | .025 | .033 | .037 | .031 | .023 | .026 | .029 | .029 | .030 | .035 | .038 | .042 | .042 | .038 | .036 | .031 | .023 | 23 | .042 | |
| 6 | .025 | .027 | .027 | BF | .034 | .032 | .033 | .035 | .037 | .039 | .042 | .042 | .042 | .041 | .041 | .041 | .040 | .040 | .038 | .037 | .039 | .041 | .042 | .042 | 23 | .042 | |
| 7 | .042 | .041 | .039 | BF | .035 | .031 | .030 | .036 | .040 | .042 | .044 | .045 | .047 | .048 | .048 | .048 | .048 | .048 | .047 | .044 | .040 | .038 | .028 | .017 | 23 | .048 | |
| 8 | .018 | .016 | .012 | BF | .005 | .007 | .006 | .020 | .038 | .043 | .044 | .051 | .054 | .057 | .059 | .062 | .064 | .063 | .056 | .049 | .032 | .032 | .024 | .039 | 23 | .064 | |
| 9 | .026 | .018 | .013 | BF | .008 | .005 | .012 | .030 | .036 | .048 | .053 | .058 | .060 | .061 | .059 | .059 | .058 | .057 | .055 | .041 | .044 | .049 | .050 | .052 | 23 | .061 | |
| 10 | .049 | .048 | .046 | BF | .026 | .014 | .014 | .035 | .049 | .052 | .054 | .056 | .055 | .054 | .056 | .058 | .060 | .060 | .058 | .040 | .030 | .029 | .041 | .041 | 23 | .060 | |
| 11 | .039 | .038 | .036 | BF | .036 | .030 | .027 | .032 | BA | .046 | .049 | .051 | .052 | .052 | .052 | .054 | .053 | .051 | .046 | .034 | .036 | .041 | .042 | .040 | 22 | .054 | |
| 12 | .038 | .038 | .036 | BF | .035 | .032 | .033 | .033 | .038 | .040 | .042 | .047 | .051 | .056 | .061 | .059 | .058 | .058 | .054 | .028 | .023 | .024 | .024 | .015 | 23 | .061 | |
| 13 | .011 | .012 | .012 | BF | .000 | .006 | .014 | .027 | .036 | .041 | .048 | .053 | .056 | .058 | .060 | .061 | .062 | .062 | .054 | .050 | .040 | .032 | .037 | .039 | 23 | .062 | |
| 14 | .036 | .031 | .028 | BF | .027 | .033 | .032 | .032 | .030 | .033 | .036 | .039 | .042 | .048 | .049 | .051 | .053 | .050 | .046 | .041 | .042 | .038 | .040 | .040 | 23 | .053 | |
| 15 | .039 | .038 | .038 | BF | .032 | .029 | .029 | .033 | .038 | .042 | .045 | .047 | .049 | .051 | .055 | .055 | .056 | .056 | .053 | .041 | .044 | .046 | .045 | .046 | 23 | .056 | |
| 16 | .048 | .049 | .048 | BF | .047 | .042 | .037 | .038 | .043 | .047 | .048 | .049 | .051 | .052 | .052 | .053 | .054 | .054 | .052 | .045 | .036 | .039 | .043 | .041 | 23 | .054 | |
| 17 | .041 | .041 | .040 | BF | .043 | .042 | .042 | .045 | .047 | .049 | .050 | .051 | .053 | .051 | .049 | .048 | .048 | .043 | .034 | .026 | .021 | .013 | .009 | .018 | 23 | .053 | |
| 18 | .018 | .020 | .021 | BF | .019 | .020 | .019 | .023 | .024 | .028 | .029 | .032 | .037 | .040 | .041 | .041 | .039 | .038 | .037 | .037 | .036 | .031 | .036 | .036 | 23 | .041 | |
| 19 | .035 | .035 | .035 | BF | .034 | .033 | .035 | .033 | .035 | .031 | .030 | .031 | .033 | .032 | .032 | .030 | .029 | .026 | .024 | .021 | .022 | .022 | .019 | .018 | 23 | .035 | |
| 20 | .018 | .017 | .015 | BF | .008 | .004 | .004 | .008 | .018 | .024 | .034 | .042 | .043 | .044 | .047 | .048 | .047 | .045 | .038 | .032 | .033 | .031 | .032 | .030 | 23 | .048 | |
| 21 | .028 | .028 | .029 | BF | .025 | .023 | .021 | .025 | .030 | .039 | .048 | .051 | .051 | .049 | .050 | .051 | .051 | .052 | .047 | .042 | .041 | .036 | .039 | .037 | 23 | .052 | |
| 22 | .035 | .031 | .030 | BF | .029 | .025 | .025 | .029 | .033 | .038 | .044 | .046 | .046 | .050 | .052 | .051 | .050 | .048 | .045 | .033 | .033 | .033 | .036 | .036 | 23 | .052 | |
| 23 | .029 | .024 | .023 | BF | .021 | .019 | .016 | .016 | .017 | .018 | .020 | .014 | .014 | .018 | .019 | .019 | .020 | .019 | .021 | .022 | .021 | .021 | .020 | .022 | 23 | .029 | |
| 24 | .021 | .020 | .021 | BF | .019 | .020 | .021 | .021 | .021 | .022 | .018 | .018 | .019 | .019 | .018 | .018 | .017 | .020 | .021 | .021 | .021 | .018 | .017 | .015 | 23 | .022 | |
| 25 | .015 | .019 | .018 | BF | .019 | .020 | .018 | .018 | BA | BA | .023 | .024 | .027 | .029 | .034 | .035 | .034 | .026 | .026 | .011 | .001 | .001 | .002 | .002 | 21 | .035 | |
| 26 | .003 | .007 | .006 | BF | .001 | .000 | .005 | .019 | .028 | .032 | .036 | .042 | .044 | .047 | .050 | .051 | .051 | .051 | .045 | .029 | .014 | .017 | .026 | .036 | 23 | .051 | |
| 27 | .039 | .043 | .042 | BF | .036 | .033 | .030 | .036 | .041 | .044 | .048 | .049 | .047 | .048 | .041 | .037 | .032 | .029 | .030 | .032 | .031 | .031 | .028 | .028 | 23 | .049 | |
| 28 | .027 | .026 | .025 | BF | .011 | .007 | .012 | .019 | .028 | .032 | .034 | .036 | .037 | .040 | .043 | .043 | .042 | .041 | .035 | .030 | .027 | .030 | .029 | .025 | 23 | .043 | |
| 29 | .024 | .024 | .025 | BF | .020 | .018 | .018 | .021 | .024 | .028 | .030 | .030 | .032 | .033 | .033 | .033 | .035 | .032 | .025 | .015 | .012 | .023 | .021 | .018 | 23 | .035 | |
| 30 | .018 | .020 | .021 | BF | .022 | .021 | .019 | .019 | .021 | .023 | .024 | .026 | .028 | .026 | .028 | .026 | .026 | .027 | .027 | .029 | .027 | .024 | .023 | .020 | 23 | .029 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 28 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .049 | .049 | .048 | | .047 | .042 | .042 | .045 | .049 | .052 | .054 | .058 | .061 | .061 | .061 | .062 | .064 | .063 | .058 | .050 | .048 | .049 | .050 | .052 | | | |
| AVG: | .0295 | .0289 | .0282 | | .0243 | .0224 | .0226 | .0275 | .0325 | .0365 | .0388 | .0413 | .0433 | .0445 | .0452 | .0453 | .0451 | .0441 | .0414 | .0349 | .0317 | .0311 | .0309 | .0305 | | | |

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .0348 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-179-0003 POC: 1
 COUNTY: (179) Union
 CITY: (43920) Monroe
 SITE ADDRESS: 701 CHARLES STREET
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.974038917
 LONGITUDE: -80.54062183
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 184
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .021 | .025 | .025 | BF | .025 | .024 | .023 | .023 | .024 | .023 | .024 | .026 | .029 | .030 | .030 | .031 | .031 | .025 | .024 | .025 | .026 | .028 | .028 | .029 | 23 | .031 |
| 2 | .029 | .030 | .029 | BF | .028 | .023 | .021 | .027 | .038 | .048 | .051 | .052 | .053 | .053 | .053 | .052 | .051 | .051 | .047 | .039 | .039 | .039 | .041 | .041 | 23 | .053 |
| 3 | .038 | .036 | .035 | BF | .027 | .013 | .017 | .026 | .035 | .043 | .054 | .059 | .062 | .067 | .070 | .071 | .069 | .066 | .059 | .048 | .052 | .052 | .047 | .048 | 23 | .071 |
| 4 | .042 | .040 | .032 | BF | .022 | .019 | .025 | .030 | .038 | .048 | .049 | .051 | .053 | .052 | .051 | .049 | .048 | .045 | .044 | .038 | .033 | .031 | .029 | .027 | 23 | .053 |
| 5 | .027 | .030 | .037 | BF | .030 | .033 | .037 | .039 | .038 | .039 | .040 | .038 | .039 | .039 | .038 | .037 | .036 | .034 | .033 | .032 | .031 | .030 | .029 | .028 | 23 | .040 |
| 6 | .026 | .026 | .024 | BF | .020 | .019 | .018 | .021 | .034 | .043 | .046 | .047 | .047 | .048 | .047 | .049 | .046 | .045 | .043 | .036 | .031 | .028 | .028 | .028 | 23 | .049 |
| 7 | .029 | .030 | .030 | BF | .024 | .023 | .025 | .030 | .033 | .041 | .044 | .045 | .046 | .048 | .049 | .049 | .050 | .048 | .037 | .036 | .027 | .020 | .017 | 23 | .050 | |
| 8 | .014 | .014 | .011 | BF | .005 | .006 | .011 | .029 | .038 | .046 | .052 | .057 | .060 | .063 | .065 | .065 | .068 | .067 | .063 | .053 | .032 | .027 | .033 | .026 | 23 | .068 |
| 9 | .023 | .019 | .019 | BF | .016 | .011 | .025 | .040 | .046 | .046 | .042 | .041 | .050 | .055 | .060 | .059 | .056 | .051 | .044 | .038 | .041 | .035 | .023 | .023 | 23 | .060 |
| 10 | .026 | .023 | .016 | BF | .012 | .004 | .008 | BA | .025 | .043 | .062 | .078 | .082 | .073 | .069 | .068 | .061 | .061 | .056 | .036 | .030 | .025 | .025 | .032 | 22 | .082 |
| 11 | .043 | .043 | .038 | BF | .036 | .030 | .024 | .031 | .041 | .049 | .058 | .059 | .062 | .053 | .052 | .051 | .052 | .048 | .040 | .024 | .023 | .016 | .005 | .003 | 23 | .062 |
| 12 | .019 | .015 | .027 | BF | .031 | .027 | .026 | .028 | .027 | .026 | .025 | .024 | .026 | .026 | .025 | .026 | .025 | .025 | .021 | .018 | .017 | .019 | .019 | .017 | 23 | .031 |
| 13 | .014 | .012 | .013 | BF | .013 | .012 | .007 | .009 | .010 | .015 | .016 | .019 | .024 | .029 | .033 | .036 | .035 | .034 | .029 | .020 | .005 | .002 | .002 | .002 | 23 | .036 |
| 14 | .009 | .003 | .001 | BF | .000 | .008 | .017 | .036 | .043 | .051 | .055 | .059 | .059 | .059 | .059 | .058 | .057 | .056 | .052 | .046 | .044 | .044 | .041 | .039 | 23 | .059 |
| 15 | .039 | .040 | .038 | BF | .033 | .029 | .027 | .035 | .045 | .052 | .062 | .066 | .064 | .066 | .064 | .062 | .063 | .061 | .048 | .023 | .028 | .022 | .018 | .018 | 23 | .066 |
| 16 | .018 | .014 | .010 | BF | .007 | .002 | .010 | .034 | .043 | .056 | .059 | .062 | .065 | .065 | .064 | .067 | .066 | .066 | .057 | .040 | .030 | .040 | .044 | .044 | 23 | .067 |
| 17 | .043 | .043 | .043 | BF | .029 | .025 | .030 | .039 | .045 | .048 | .050 | .052 | .054 | .057 | .057 | .058 | .054 | .052 | .046 | .039 | .035 | .043 | .043 | .042 | 23 | .058 |
| 18 | .040 | .040 | .040 | BF | .035 | .037 | .036 | .036 | .039 | .040 | .041 | .044 | .042 | .042 | .041 | .042 | .042 | .041 | .040 | .037 | .037 | .038 | .040 | .038 | 23 | .044 |
| 19 | .035 | .034 | .033 | BF | .026 | .021 | .025 | .031 | .037 | .043 | .048 | .051 | .048 | .048 | .047 | .045 | .043 | .041 | .037 | .035 | .029 | .037 | .042 | .036 | 23 | .051 |
| 20 | .038 | .036 | .031 | BF | .022 | .019 | .017 | .018 | .020 | .026 | .038 | .046 | .049 | .051 | .051 | .047 | .045 | .042 | .034 | .022 | .016 | .007 | .007 | .012 | 23 | .051 |
| 21 | .019 | .019 | .015 | BF | .012 | .009 | .009 | .010 | .015 | .019 | .023 | .031 | .037 | .040 | .039 | .038 | .034 | .027 | .028 | .026 | .023 | .023 | .021 | .023 | 23 | .040 |
| 22 | .028 | .022 | .018 | BF | .013 | .011 | .011 | .013 | .017 | .022 | .028 | .035 | .042 | .042 | .043 | .041 | .035 | .033 | .030 | .024 | .021 | .017 | .019 | .019 | 23 | .043 |
| 23 | .022 | .019 | .019 | BF | .017 | .013 | .011 | .014 | .016 | .020 | .022 | .019 | .024 | .032 | .034 | .032 | .027 | .025 | .022 | .020 | .018 | .022 | .023 | .026 | 23 | .034 |
| 24 | .026 | .023 | .021 | BF | .024 | .023 | .021 | .020 | .023 | .025 | .026 | .026 | .029 | .030 | .027 | .023 | .036 | .036 | .032 | .031 | .028 | .024 | .034 | .043 | 23 | .043 |
| 25 | .038 | .038 | .030 | BF | .033 | .028 | .028 | .029 | .029 | .031 | .036 | .042 | .044 | .045 | .046 | .045 | .045 | .046 | .044 | .041 | .038 | .037 | .035 | .035 | 23 | .046 |
| 26 | .033 | .031 | .031 | BF | .028 | .024 | .024 | .029 | .037 | .047 | .055 | .055 | .055 | .054 | .058 | .057 | .056 | .054 | .051 | .044 | .038 | .033 | .026 | .018 | 23 | .058 |
| 27 | .034 | .039 | .043 | BF | .039 | .038 | .038 | .042 | .043 | .048 | .050 | .051 | .052 | .052 | .052 | .051 | .052 | .052 | .049 | .042 | .037 | .040 | .044 | .041 | 23 | .052 |
| 28 | .039 | .038 | .039 | BF | .030 | .025 | .024 | .034 | .042 | .048 | .049 | .047 | .046 | .047 | .046 | .045 | .043 | .043 | .047 | .039 | .035 | .024 | .018 | .018 | 23 | .049 |
| 29 | .020 | .011 | .009 | BF | .013 | .013 | .019 | .032 | .043 | .047 | .052 | .055 | .055 | .053 | .051 | .050 | .049 | .046 | .041 | .043 | .039 | .037 | .034 | .036 | 23 | .055 |
| 30 | .032 | .025 | .023 | BF | .018 | .014 | .015 | .019 | .025 | .031 | .034 | .037 | .040 | .041 | .044 | .052 | .053 | .044 | .040 | .029 | .027 | .027 | .025 | .022 | 23 | .053 |
| 31 | .021 | .019 | .020 | BF | .019 | .025 | .024 | .024 | BA | .036 | .041 | .043 | .045 | .046 | .046 | .045 | .038 | .047 | .043 | .030 | .021 | .021 | .023 | .027 | 22 | .047 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .043 | .043 | .043 | | .039 | .038 | .038 | .042 | .046 | .056 | .062 | .078 | .082 | .073 | .070 | .071 | .069 | .067 | .063 | .053 | .052 | .052 | .047 | .048 | | |
| AVG: | .0285 | .0270 | .0258 | | .0222 | .0196 | .0211 | .0276 | .0330 | .0387 | .0430 | .0457 | .0478 | .0486 | .0488 | .0485 | .0474 | .0456 | .0415 | .0343 | .0305 | .0292 | .0281 | .0277 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0352 MONTHLY MAX: .082

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-179-0003 POC: 1
 COUNTY: (179) Union
 CITY: (43920) Monroe
 SITE ADDRESS: 701 CHARLES STREET
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.974038917
 LONGITUDE: -80.54062183
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 184
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .019 | .014 | .009 | BF | .001 | .001 | .004 | .016 | .030 | .040 | .055 | .058 | .059 | .064 | .074 | .086 | .071 | .052 | .044 | .036 | .025 | .022 | .020 | .023 | 23 | .086 |
| 2 | .022 | .017 | .015 | BF | .013 | .009 | .013 | .032 | .044 | .054 | .057 | .058 | .063 | .064 | .063 | .066 | .069 | .069 | .063 | .052 | .039 | .027 | .020 | .019 | 23 | .069 |
| 3 | .016 | .012 | .019 | BF | .019 | .012 | .017 | .031 | .042 | .052 | .064 | .062 | .061 | .062 | .068 | .069 | .073 | .070 | .066 | .055 | .045 | .046 | .039 | .035 | 23 | .073 |
| 4 | .033 | .032 | .031 | BF | .023 | .023 | .020 | .021 | .027 | .033 | .036 | .035 | .038 | .038 | .042 | .038 | .035 | .035 | .042 | .034 | .035 | .035 | .030 | .029 | 23 | .042 |
| 5 | .026 | .020 | .015 | BF | .010 | .008 | .007 | .010 | .013 | .015 | .021 | .023 | .024 | .022 | .027 | .028 | .026 | .026 | .021 | .017 | .013 | .011 | .008 | .006 | 23 | .028 |
| 6 | .008 | .010 | .009 | BF | .010 | .014 | .012 | .012 | .028 | .030 | .038 | .043 | .047 | .051 | .055 | .058 | .055 | .050 | .042 | .037 | .027 | .019 | .022 | .026 | 23 | .058 |
| 7 | .037 | .038 | .037 | BF | .033 | .032 | .031 | .029 | .030 | .034 | .033 | .037 | .044 | .049 | .050 | .048 | .046 | .043 | .044 | .039 | .036 | .035 | .031 | .030 | 23 | .050 |
| 8 | .029 | .030 | .030 | BF | .032 | .031 | .032 | .035 | .038 | AZ | .043 | .044 | .044 | .047 | .050 | .051 | .051 | .051 | .049 | .040 | .030 | .023 | .017 | .016 | 22 | .051 |
| 9 | .017 | .014 | .012 | BF | .009 | .009 | .012 | .022 | .036 | .047 | .052 | .052 | .056 | .056 | .056 | .056 | .056 | .056 | .052 | .031 | .020 | .015 | .012 | .017 | 23 | .056 |
| 10 | .015 | .023 | .022 | BF | .026 | .028 | .032 | .037 | .040 | .046 | .049 | .052 | .060 | .059 | .056 | .057 | .054 | .050 | .046 | .036 | .033 | .033 | .040 | .042 | 23 | .060 |
| 11 | .039 | .035 | .030 | BF | .022 | .017 | .023 | .032 | .034 | .038 | .042 | .046 | .046 | .049 | .051 | .048 | .048 | .049 | .044 | .034 | .030 | .030 | .037 | .037 | 23 | .051 |
| 12 | .038 | .035 | .033 | BF | .025 | .019 | .020 | .028 | .033 | .038 | .042 | .045 | .050 | .049 | .051 | .048 | .041 | .038 | .035 | .035 | .031 | .025 | .027 | .027 | 23 | .051 |
| 13 | .028 | .029 | .027 | BF | .021 | .018 | .020 | BA | .028 | .035 | .040 | .043 | .047 | .048 | .046 | .048 | .047 | .049 | .044 | .037 | .026 | .019 | .021 | .017 | 22 | .049 |
| 14 | .017 | .013 | .011 | BF | .005 | .003 | .014 | .026 | .035 | .043 | .050 | .048 | .047 | .051 | .054 | .055 | .057 | .051 | .043 | .039 | .043 | .047 | .044 | .042 | 23 | .057 |
| 15 | .040 | .035 | .025 | BF | .017 | .014 | .020 | .025 | .033 | .042 | .057 | .072 | .078 | .075 | .076 | .070 | .070 | .065 | .051 | .048 | .045 | .045 | .042 | .043 | 23 | .078 |
| 16 | .042 | .037 | .033 | BF | .018 | .015 | .020 | .026 | .040 | .049 | .051 | .052 | .052 | .050 | .046 | .042 | .039 | .034 | .029 | .032 | .030 | .021 | .020 | .016 | 23 | .052 |
| 17 | .015 | .014 | .011 | BF | .010 | .009 | .016 | .020 | .020 | .023 | .029 | .036 | .043 | .047 | .047 | .041 | .038 | .038 | .036 | .031 | .037 | .035 | .031 | .028 | 23 | .047 |
| 18 | .026 | .022 | .018 | BF | .019 | .020 | .020 | .024 | .027 | .032 | .033 | .030 | .026 | .029 | .031 | .035 | .036 | .035 | .035 | .032 | .025 | .030 | .023 | .021 | 23 | .036 |
| 19 | .018 | .016 | .012 | BF | .010 | .008 | .009 | .014 | .020 | .026 | .030 | .032 | .032 | .032 | .031 | .031 | .031 | .023 | .027 | .026 | .030 | .031 | .024 | .022 | 23 | .032 |
| 20 | .019 | .021 | .019 | BF | .013 | .013 | .009 | .012 | .018 | .025 | .021 | .028 | .029 | .031 | .035 | .036 | .030 | .030 | .031 | .024 | .022 | .020 | .027 | .024 | 23 | .036 |
| 21 | .019 | .017 | .016 | BF | .017 | .014 | .012 | .013 | .017 | .019 | .024 | .026 | .026 | .032 | .029 | .025 | .023 | .020 | .016 | .012 | .019 | .018 | .015 | .015 | 23 | .032 |
| 22 | .013 | .013 | .013 | BF | .011 | .007 | .006 | .007 | .010 | .013 | .019 | .021 | .019 | .022 | .022 | .021 | .021 | .023 | .022 | .011 | .009 | .009 | .009 | .011 | 23 | .023 |
| 23 | .011 | .012 | .013 | BF | .012 | .010 | .010 | .011 | .013 | .017 | .019 | .020 | .020 | .019 | .020 | .020 | .025 | .027 | .026 | .022 | .019 | .021 | .025 | .025 | 23 | .027 |
| 24 | .026 | .024 | .021 | BF | .019 | .019 | .020 | .020 | .022 | .024 | .027 | .029 | .029 | .028 | .025 | .024 | .022 | .022 | .019 | .017 | .014 | .020 | .034 | .033 | 23 | .034 |
| 25 | .028 | .024 | .019 | BF | .012 | .007 | .011 | .017 | .028 | .037 | .038 | .043 | .041 | .042 | .044 | .044 | .044 | .040 | .038 | .033 | .033 | .033 | .031 | .030 | 23 | .044 |
| 26 | .028 | .024 | .019 | BF | .016 | .009 | .014 | .024 | .035 | .044 | .050 | .051 | .052 | .055 | .059 | .061 | .063 | .059 | .055 | .039 | .034 | .026 | .017 | .022 | 23 | .063 |
| 27 | .021 | .027 | .022 | BF | .016 | .007 | .009 | .031 | BA | .043 | .049 | .050 | .050 | .050 | .053 | .054 | .053 | .054 | .054 | .049 | .046 | .039 | .031 | .020 | 22 | .054 |
| 28 | .015 | .007 | .005 | BF | .002 | .004 | .011 | .026 | .035 | .042 | .048 | .050 | .051 | .052 | .053 | .053 | .054 | .055 | .046 | .037 | .019 | .010 | .011 | .005 | 23 | .055 |
| 29 | .030 | .037 | .032 | BF | .015 | .002 | .008 | .023 | .042 | .051 | .051 | .051 | .054 | .054 | .053 | .055 | .053 | .052 | .048 | .040 | .039 | .042 | .039 | .037 | 23 | .055 |
| 30 | .035 | .032 | .028 | BF | .013 | .014 | .021 | .025 | .024 | .025 | .027 | .026 | .025 | .023 | .022 | .023 | .024 | .023 | .024 | .022 | .021 | .015 | .013 | .016 | 23 | .035 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 29 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .042 | .038 | .037 | | .033 | .032 | .032 | .037 | .044 | .054 | .064 | .072 | .078 | .075 | .076 | .086 | .073 | .070 | .066 | .055 | .045 | .047 | .044 | .043 | | |
| AVG: | .0243 | .0228 | .0202 | | .0156 | .0132 | .0158 | .0224 | .0290 | .0351 | .0398 | .0421 | .0438 | .0448 | .0464 | .0465 | .0452 | .0431 | .0397 | .0333 | .0287 | .0265 | .0251 | .0243 | | |

MONTHLY OBSERVATIONS: 687 MONTHLY MEAN: .0316 MONTHLY MAX: .086

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-179-0003 POC: 1
 COUNTY: (179) Union
 CITY: (43920) Monroe
 SITE ADDRESS: 701 CHARLES STREET
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
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 URBANIZED AREA: (1510) CHARLOTTE, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
 LATITUDE: 34.974038917
 LONGITUDE: -80.54062183
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 184
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .014 | .014 | .013 | BF | .009 | .008 | .007 | .009 | .015 | .018 | .023 | .027 | .028 | .027 | .026 | .027 | .031 | .041 | .038 | .039 | .035 | .031 | .032 | .027 | 23 | .041 |
| 2 | .026 | .020 | .018 | BF | .022 | .020 | .019 | .022 | .026 | .030 | .035 | .038 | .048 | .056 | .057 | .060 | .061 | .055 | .046 | .034 | .025 | .016 | .003 | .007 | 23 | .061 |
| 3 | .008 | .009 | .007 | BF | .004 | .006 | .008 | .020 | .034 | .042 | .043 | .042 | .043 | .042 | .037 | .042 | .035 | .032 | .028 | .025 | .025 | .021 | .014 | 23 | .043 | |
| 4 | .010 | .007 | .008 | BF | .013 | .005 | .010 | .022 | .027 | .031 | .034 | .038 | .042 | .046 | .047 | .044 | .039 | .031 | .025 | .019 | .016 | .010 | .007 | .007 | 23 | .047 |
| 5 | .003 | .004 | .010 | BF | .012 | .011 | .010 | .011 | .013 | .020 | .029 | .035 | .040 | .043 | .042 | .037 | .032 | .027 | .027 | .016 | .015 | .012 | .008 | .005 | 23 | .043 |
| 6 | .006 | .006 | .003 | BF | .002 | .002 | .004 | .014 | .023 | .032 | .037 | .033 | .030 | .028 | .029 | .029 | .028 | .027 | .030 | .030 | .030 | .031 | .029 | .027 | 23 | .037 |
| 7 | .025 | .021 | .022 | BF | .022 | .021 | .021 | .023 | .027 | .031 | .037 | .041 | .043 | .045 | .045 | .042 | .039 | .037 | .042 | .038 | .034 | .033 | .032 | .029 | 23 | .045 |
| 8 | .029 | .026 | .023 | BF | .025 | .026 | .024 | .026 | .030 | .033 | .037 | .044 | .045 | .045 | .044 | .044 | .043 | .038 | .046 | .043 | .029 | .023 | .022 | .021 | 23 | .046 |
| 9 | .013 | .012 | .007 | BF | .004 | .015 | .017 | .021 | .027 | .035 | .039 | .039 | .041 | .042 | .044 | .044 | .045 | .046 | .043 | .038 | .034 | .019 | .007 | .005 | 23 | .046 |
| 10 | .019 | .026 | .024 | BF | .008 | .005 | .009 | .021 | .029 | .040 | .052 | .058 | .055 | .056 | .053 | .038 | .039 | .040 | .039 | .034 | .025 | .022 | .018 | .020 | 23 | .058 |
| 11 | .021 | .021 | .018 | BF | .009 | .010 | .012 | BA | .035 | .037 | .042 | .040 | .041 | .042 | .044 | .042 | .043 | .045 | .043 | .035 | .032 | .023 | .027 | .025 | 22 | .045 |
| 12 | .028 | .022 | .027 | BF | .017 | .016 | .022 | .025 | .031 | .040 | .046 | .044 | .044 | .045 | .047 | .042 | .040 | .040 | .035 | .025 | .012 | .021 | .030 | .026 | 23 | .047 |
| 13 | .023 | .019 | .017 | BF | .013 | .011 | .012 | .015 | .022 | .029 | .034 | .041 | .043 | .046 | .044 | .044 | .039 | .035 | .035 | .038 | .029 | .024 | .022 | 23 | .046 | |
| 14 | .017 | .017 | .014 | BF | .008 | .008 | .011 | .015 | .025 | .035 | .042 | .041 | .046 | .044 | .043 | .038 | .037 | .034 | .034 | .032 | .021 | .028 | .022 | .019 | 23 | .046 |
| 15 | .022 | .019 | .025 | BF | .026 | .028 | .031 | .035 | .038 | .042 | .045 | .050 | .049 | .049 | .050 | .054 | .050 | .042 | .029 | .021 | .018 | .019 | .023 | .023 | 23 | .054 |
| 16 | .018 | .014 | .011 | BF | .005 | .006 | .007 | .012 | .019 | .025 | .032 | .040 | .045 | .049 | .050 | .049 | .052 | .053 | .036 | .034 | .031 | .027 | .030 | .035 | 23 | .053 |
| 17 | .033 | .031 | .027 | BF | .018 | .016 | .019 | .030 | .037 | .039 | .042 | .045 | .045 | .043 | .048 | .047 | .043 | .039 | .030 | .026 | .026 | .025 | .022 | .018 | 23 | .048 |
| 18 | .017 | .020 | .018 | BF | .018 | .014 | .013 | .017 | .023 | .025 | .033 | .043 | .051 | .056 | .057 | .056 | .055 | .050 | .047 | .049 | .046 | .039 | .030 | .022 | 23 | .057 |
| 19 | .023 | .016 | .010 | BF | .008 | .003 | .007 | .021 | .037 | .049 | .050 | .049 | .051 | .062 | .080 | .084 | .066 | .047 | .041 | .047 | .050 | .040 | .034 | 23 | .084 | |
| 20 | .028 | .027 | .025 | BF | .009 | .005 | .012 | .023 | .032 | .047 | .058 | .064 | .059 | .059 | .066 | .066 | .066 | .049 | .034 | .020 | .006 | .009 | .013 | .024 | 23 | .066 |
| 21 | .022 | .023 | .016 | BF | .012 | .012 | .011 | .024 | .037 | .054 | .063 | .065 | .066 | .062 | .061 | .067 | .075 | .061 | .047 | .043 | .041 | .043 | .041 | .039 | 23 | .075 |
| 22 | .035 | .030 | .031 | BF | .030 | .026 | .026 | .031 | .037 | .043 | .043 | .045 | .046 | .048 | .049 | .049 | .049 | .049 | .048 | .047 | .044 | .041 | .038 | .035 | 23 | .049 |
| 23 | .032 | .030 | .031 | BF | .026 | .025 | .025 | .031 | .038 | .041 | .043 | .046 | .047 | .044 | .046 | .046 | .043 | .041 | .031 | .031 | .033 | .034 | .030 | .030 | 23 | .047 |
| 24 | .026 | .020 | .019 | BF | .021 | .022 | .024 | .026 | .031 | .033 | .037 | .040 | .046 | .048 | .045 | .046 | .043 | .047 | .038 | .031 | .025 | .023 | .024 | .023 | 23 | .048 |
| 25 | .023 | .018 | .013 | BF | .005 | .004 | .006 | .010 | BA | .038 | .050 | .055 | .057 | .057 | .060 | .063 | .060 | .059 | .049 | .030 | .023 | .016 | .014 | .008 | 22 | .063 |
| 26 | .005 | .022 | .015 | BF | .025 | .024 | .022 | .027 | .032 | .038 | .045 | .047 | .048 | .050 | .052 | .054 | .053 | .052 | .043 | .015 | .024 | .020 | .024 | .029 | 23 | .054 |
| 27 | .026 | .021 | .018 | BF | .025 | .027 | .031 | .035 | .039 | .040 | .043 | .044 | .043 | .042 | .043 | .045 | .042 | .035 | .024 | .018 | .019 | .017 | .022 | .025 | 23 | .045 |
| 28 | .024 | .015 | .016 | BF | .013 | .011 | .012 | .021 | .033 | .037 | .040 | .039 | .039 | .041 | .035 | .033 | .028 | .021 | .014 | .014 | .017 | .019 | .019 | .019 | 23 | .041 |
| 29 | .019 | .019 | .021 | BF | .019 | .016 | .015 | .018 | .033 | .046 | .051 | .052 | .053 | .054 | .055 | .053 | .048 | .048 | .044 | .042 | .043 | .038 | .035 | .032 | 23 | .055 |
| 30 | .030 | .029 | .027 | BF | .018 | .017 | .015 | .020 | .028 | .035 | .038 | .040 | .041 | .043 | .044 | .046 | .046 | .044 | .040 | .035 | .033 | .027 | .015 | .014 | 23 | .046 |
| 31 | .012 | .013 | .011 | BF | .007 | .002 | .007 | .019 | .028 | .039 | .044 | .046 | .046 | .048 | .051 | .053 | .054 | .055 | .052 | .042 | .028 | .019 | .013 | .010 | 23 | .055 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .035 | .031 | .031 | | .030 | .028 | .031 | .035 | .039 | .054 | .063 | .065 | .066 | .062 | .080 | .084 | .075 | .061 | .052 | .049 | .050 | .043 | .041 | .039 | | |
| AVG: | .0205 | .0191 | .0176 | | .0146 | .0136 | .0151 | .0215 | .0295 | .0363 | .0415 | .0442 | .0458 | .0472 | .0484 | .0477 | .0462 | .0427 | .0375 | .0320 | .0283 | .0251 | .0231 | .0217 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0313 MONTHLY MAX: .084

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-179-0003 POC: 1
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 LONGITUDE: -80.54062183
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 184
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .006 | .004 | .005 | BF | .000 | .002 | .008 | .020 | .030 | .041 | .050 | .050 | .051 | .052 | .053 | .053 | .053 | .054 | .049 | .029 | .030 | .018 | .016 | .013 | 23 | .054 |
| 2 | .019 | .019 | .009 | BF | .004 | .002 | .002 | .014 | .034 | .044 | .050 | .056 | .057 | .060 | .063 | .061 | .068 | .068 | .046 | .025 | .022 | .015 | .023 | .030 | 23 | .068 |
| 3 | .025 | .027 | .017 | BF | .022 | .008 | .007 | .014 | .022 | .043 | .050 | .052 | .052 | .047 | .044 | .043 | .040 | .038 | .034 | .029 | .023 | .015 | .012 | .013 | 23 | .052 |
| 4 | .014 | .015 | .017 | BF | .004 | .002 | .004 | .015 | .024 | .025 | .039 | .041 | .042 | .042 | .037 | .037 | .036 | .036 | .035 | .030 | .029 | .029 | .044 | .042 | 23 | .044 |
| 5 | .039 | .037 | .035 | BF | .024 | .019 | .018 | .030 | .036 | .041 | .048 | .053 | .053 | .053 | .053 | .058 | .064 | .059 | .052 | .049 | .029 | .043 | .035 | .031 | 23 | .064 |
| 6 | .026 | .034 | .033 | BF | .029 | .025 | .024 | .026 | .033 | .042 | .045 | .047 | .050 | .053 | .056 | .057 | .057 | .050 | .047 | .043 | .036 | .029 | .027 | .030 | 23 | .057 |
| 7 | .024 | .020 | .018 | BF | .018 | .013 | .010 | .011 | .013 | .014 | .016 | .017 | .020 | .022 | .022 | .022 | .021 | .021 | .020 | .019 | .017 | .015 | .025 | .024 | 23 | .025 |
| 8 | .017 | .013 | .013 | BF | .010 | .008 | .006 | .006 | .007 | .015 | .025 | .032 | .035 | .040 | .042 | .047 | .046 | .039 | .035 | .027 | .024 | .029 | .027 | .026 | 23 | .047 |
| 9 | .026 | .022 | .019 | BF | .016 | .014 | .013 | .015 | .019 | .029 | .035 | .039 | .041 | .043 | .043 | .043 | .044 | .045 | .034 | .015 | .022 | .010 | .007 | .008 | 23 | .045 |
| 10 | .007 | .010 | .012 | BF | .011 | .008 | .010 | .017 | .028 | .040 | .046 | .044 | .044 | .048 | .049 | .047 | .045 | .044 | .039 | .021 | .017 | .015 | .017 | .013 | 23 | .049 |
| 11 | .009 | .011 | .010 | BF | .010 | .012 | .009 | .010 | .014 | .020 | .026 | .032 | .033 | .033 | .032 | .030 | .026 | .026 | .019 | .014 | .012 | .017 | .019 | .023 | 23 | .033 |
| 12 | .023 | .017 | .013 | BF | .011 | .011 | .010 | .010 | .014 | .019 | .024 | .028 | .030 | .031 | .032 | .031 | .032 | .029 | .025 | .013 | .004 | .004 | .003 | .017 | 23 | .032 |
| 13 | .014 | .003 | .005 | BF | .015 | .014 | .013 | .016 | .018 | .026 | .034 | .038 | .038 | .037 | .038 | .037 | .034 | .032 | .029 | .028 | .024 | .024 | .023 | .022 | 23 | .038 |
| 14 | .020 | .017 | .016 | BF | .011 | .010 | .009 | .009 | .010 | .014 | .021 | .028 | .042 | .045 | .041 | .040 | .035 | .027 | .014 | .013 | .018 | .025 | .026 | .028 | 23 | .045 |
| 15 | .022 | .016 | .014 | BF | .006 | .003 | .003 | BA | .017 | .022 | .027 | .034 | .046 | .044 | .041 | .042 | .042 | .043 | .037 | .024 | .013 | .012 | .011 | .006 | 22 | .046 |
| 16 | .002 | .005 | .007 | BF | .000 | .000 | .005 | .013 | .022 | .033 | .044 | .047 | .047 | .050 | .054 | .060 | .063 | .066 | .058 | .033 | .021 | .021 | .026 | .023 | 23 | .066 |
| 17 | .018 | .019 | .016 | BF | .007 | .004 | .003 | .014 | .024 | .035 | .040 | .040 | .047 | .052 | .049 | .050 | .050 | .047 | .039 | .033 | .031 | .033 | .031 | .024 | 23 | .052 |
| 18 | .019 | .012 | .012 | BF | .016 | .016 | .018 | .020 | .026 | .029 | .030 | .031 | .033 | .033 | .034 | .032 | .031 | .029 | .026 | .016 | .010 | .010 | .012 | .003 | 23 | .034 |
| 19 | .001 | .001 | .000 | BF | .000 | .000 | .000 | .014 | .030 | .040 | .045 | .049 | .050 | .051 | .052 | .051 | .055 | .055 | .049 | .030 | .010 | .004 | .000 | .000 | 23 | .055 |
| 20 | .000 | .001 | .000 | BF | .000 | .008 | .012 | .021 | .034 | .044 | .050 | .049 | .050 | .053 | .051 | .050 | .050 | .050 | .045 | .037 | .036 | .037 | .035 | .028 | 23 | .053 |
| 21 | .027 | .024 | .017 | BF | .007 | .002 | .001 | .015 | .026 | .040 | .050 | .048 | .047 | .044 | .042 | .050 | .052 | .047 | .041 | .034 | .032 | .026 | .021 | .016 | 23 | .052 |
| 22 | .013 | .008 | .007 | BF | .005 | .004 | .005 | .010 | .021 | .030 | .035 | .040 | .044 | .041 | .037 | .033 | .031 | .031 | .030 | .019 | .013 | .016 | .017 | .018 | 23 | .044 |
| 23 | .020 | .021 | .020 | BF | .017 | .014 | .011 | .016 | .023 | .034 | .044 | .048 | .048 | .050 | .049 | .048 | .048 | .051 | .045 | .036 | .024 | .018 | .022 | .019 | 23 | .051 |
| 24 | .016 | .015 | .016 | BF | .017 | .013 | .011 | .014 | .023 | .025 | .026 | .031 | .040 | .041 | .043 | .041 | .042 | .045 | .043 | .040 | .026 | .028 | .029 | .028 | 23 | .045 |
| 25 | .027 | .024 | .018 | BF | .013 | .011 | .013 | .021 | .032 | .039 | .046 | .049 | .051 | .050 | .051 | .051 | .049 | .048 | .045 | .042 | .038 | .036 | .029 | .020 | 23 | .051 |
| 26 | .020 | .023 | .023 | BF | .008 | .010 | .015 | .019 | .028 | .037 | .041 | .044 | .045 | .046 | .048 | .049 | .048 | .046 | .045 | .041 | .039 | .035 | .034 | .039 | 23 | .049 |
| 27 | .031 | .032 | .032 | BF | .030 | .027 | .028 | .032 | .038 | .043 | .048 | .050 | .051 | .053 | .054 | .055 | .054 | .052 | .049 | .047 | .043 | .044 | .043 | .043 | 23 | .055 |
| 28 | .041 | .041 | .040 | BF | .034 | .030 | .028 | .032 | .035 | .041 | .044 | .044 | .048 | .051 | .050 | .050 | .050 | .050 | .049 | .046 | .042 | .039 | .034 | .033 | 23 | .051 |
| 29 | .032 | .029 | .027 | BF | .025 | .024 | .025 | .025 | .026 | .025 | .026 | .032 | .034 | .035 | .036 | .036 | .035 | .033 | .031 | .030 | .030 | .016 | .012 | .012 | 23 | .036 |
| 30 | .012 | .015 | .007 | BF | .000 | .001 | .004 | .018 | BA | .036 | .044 | .047 | .046 | .047 | .042 | .042 | .044 | .041 | .034 | .025 | .025 | .032 | .032 | .029 | 22 | .047 |
| 31 | .026 | .019 | .015 | BF | .014 | .009 | .006 | .009 | .018 | .025 | .024 | .027 | .030 | .030 | .022 | .023 | .028 | .026 | .022 | .019 | .017 | .012 | .006 | .007 | 23 | .030 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .041 | .041 | .040 | | .034 | .030 | .028 | .032 | .038 | .044 | .050 | .056 | .057 | .060 | .063 | .061 | .068 | .068 | .058 | .049 | .043 | .044 | .044 | .043 | | |
| AVG: | .0192 | .0179 | .0159 | | .0124 | .0105 | .0107 | .0169 | .0242 | .0320 | .0378 | .0409 | .0434 | .0444 | .0439 | .0442 | .0443 | .0428 | .0376 | .0293 | .0244 | .0228 | .0225 | .0215 | | |

MONTHLY OBSERVATIONS: 711 MONTHLY MEAN: .0287 MONTHLY MAX: .068

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone
 SITE ID: 37-179-0003 POC: 1
 COUNTY: (179) Union
 CITY: (43920) Monroe
 SITE ADDRESS: 701 CHARLES STREET
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.974038917
 LONGITUDE: -80.54062183
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 184
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .007 | .007 | .006 | BF | .007 | .007 | .008 | .010 | .014 | .020 | .024 | .023 | .026 | .023 | .020 | .022 | .022 | .022 | .019 | .016 | .011 | .010 | .009 | .009 | 23 | .026 | |
| 2 | .009 | .008 | .008 | BF | .006 | .007 | .010 | .012 | .017 | .026 | .034 | .038 | .042 | .042 | .043 | .044 | .046 | .044 | .039 | .034 | .035 | .035 | .036 | .036 | 23 | .046 | |
| 3 | .034 | .028 | .018 | BF | .008 | .005 | .005 | .011 | .029 | .034 | .037 | .038 | .042 | .045 | .045 | .048 | .047 | .042 | .032 | .014 | .008 | .004 | .001 | .003 | 23 | .048 | |
| 4 | .002 | .003 | .003 | BF | .001 | .000 | .000 | .003 | .018 | .040 | .047 | .052 | .051 | .049 | .046 | .045 | .046 | .041 | .026 | .012 | .009 | .011 | .011 | .014 | 23 | .052 | |
| 5 | .007 | .017 | .015 | BF | .017 | .017 | .015 | .018 | .023 | .030 | .035 | .037 | .039 | .041 | .042 | .041 | .041 | .041 | .033 | .040 | .050 | .050 | .045 | .041 | 23 | .050 | |
| 6 | .039 | .038 | .037 | BF | .025 | .017 | .015 | .021 | .036 | .040 | .040 | .038 | .034 | .020 | .021 | .027 | .025 | .025 | .025 | .027 | .015 | .013 | .014 | .010 | 23 | .040 | |
| 7 | .009 | .008 | .006 | BF | .006 | .004 | .002 | .013 | .024 | .033 | .040 | .045 | .050 | .054 | .051 | .049 | .049 | .046 | .026 | .004 | .004 | .006 | .003 | .002 | 23 | .054 | |
| 8 | .000 | .001 | .000 | BF | AS | 3 | .001 | |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 10 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 11 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 12 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 13 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 14 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 15 | AO | AO | AO | AO | AO | AO | AO | AO | BA | BC | BC | .042 | .042 | .044 | .046 | .045 | .048 | .037 | .016 | .008 | .003 | .001 | .000 | .000 | 13 | .048 | |
| 16 | .000 | .001 | .006 | BF | .003 | .004 | .003 | .011 | .021 | .035 | .046 | .047 | .047 | .047 | .048 | .048 | .046 | .041 | .027 | .007 | .003 | .001 | .000 | .001 | 23 | .048 | |
| 17 | .002 | .007 | .011 | BF | .006 | .004 | .006 | .014 | .024 | .036 | .042 | .043 | .042 | .042 | .044 | .043 | .044 | .043 | .029 | .011 | .008 | .004 | .003 | .006 | 23 | .044 | |
| 18 | .003 | .003 | .003 | BF | .005 | .004 | .003 | .009 | .014 | .030 | .037 | .041 | .043 | .045 | .046 | .048 | .048 | .047 | .036 | .007 | .003 | .004 | .001 | .000 | 23 | .048 | |
| 19 | .005 | .005 | .006 | BF | .006 | .001 | .001 | .010 | .018 | .027 | .034 | .045 | .048 | .052 | .056 | .067 | .069 | .061 | .038 | .024 | .018 | .014 | .008 | .011 | 23 | .069 | |
| 20 | .012 | .008 | .007 | BF | .006 | .002 | .004 | .010 | .026 | .041 | .046 | .049 | .054 | .054 | .054 | .053 | .053 | .048 | .028 | .020 | .010 | .009 | .011 | .016 | 23 | .054 | |
| 21 | .013 | .017 | .018 | BF | .017 | .006 | .003 | .014 | .022 | .035 | .045 | .049 | .051 | .053 | .059 | .065 | .067 | .059 | .046 | .045 | .025 | .024 | .036 | .031 | 23 | .067 | |
| 22 | .022 | .017 | .016 | BF | .006 | .003 | .001 | .015 | .026 | .039 | .048 | .051 | .051 | .051 | .052 | .052 | .052 | .049 | .039 | .022 | .021 | .012 | .007 | .003 | 23 | .052 | |
| 23 | .002 | .004 | .001 | BF | .000 | .000 | .001 | .015 | .032 | .045 | .049 | .053 | .054 | .053 | .052 | .051 | .049 | .039 | .030 | .025 | .023 | .014 | .011 | .011 | 23 | .054 | |
| 24 | .009 | .016 | .025 | BF | .020 | .019 | .021 | .025 | .030 | .038 | .041 | .044 | .043 | .042 | .041 | .042 | .043 | .049 | .043 | .039 | .035 | .031 | .028 | .027 | 23 | .049 | |
| 25 | .035 | .032 | .026 | BF | .020 | .014 | .013 | .018 | .032 | .039 | .047 | .048 | .048 | .053 | .051 | .051 | .051 | .050 | .048 | .045 | .044 | .042 | .036 | .032 | 23 | .053 | |
| 26 | .029 | .026 | .023 | BF | .022 | .019 | .017 | BA | BA | .030 | .034 | .034 | .032 | .032 | .034 | .034 | .034 | .031 | .026 | .021 | .019 | .018 | .013 | .012 | 21 | .034 | |
| 27 | .007 | .008 | .010 | BF | .014 | .014 | .014 | .020 | .031 | .040 | .048 | .051 | .051 | .057 | .059 | .062 | .070 | .064 | .033 | .017 | .024 | .019 | .019 | .019 | 23 | .070 | |
| 28 | .013 | .009 | .007 | BF | .003 | .001 | .001 | .015 | .039 | .056 | .066 | .071 | .075 | .077 | .083 | .082 | .080 | .069 | .028 | .013 | .018 | .008 | .024 | .040 | 23 | .083 | |
| 29 | .041 | .040 | .039 | BF | .035 | .034 | .030 | .035 | .038 | .043 | .047 | .050 | .052 | .055 | .056 | .055 | .054 | .049 | .047 | .046 | .044 | .041 | .039 | .035 | 23 | .056 | |
| 30 | .035 | .034 | .033 | BF | .025 | .025 | .025 | .025 | .028 | .035 | .045 | .051 | .052 | .052 | .053 | .054 | .054 | .050 | .043 | .039 | .038 | .037 | .036 | .033 | 23 | .054 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| NO.: | 23 | 23 | 23 | | 22 | 22 | 22 | 21 | 21 | 22 | 22 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | | |
| MAX: | .041 | .040 | .039 | | .035 | .034 | .030 | .035 | .039 | .056 | .066 | .071 | .075 | .077 | .083 | .082 | .080 | .069 | .048 | .046 | .050 | .050 | .045 | .041 | | | |
| AVG: | .0146 | .0147 | .0141 | | .0117 | .0094 | .0090 | .0154 | .0258 | .0360 | .0424 | .0452 | .0465 | .0471 | .0480 | .0491 | .0496 | .0460 | .0333 | .0235 | .0204 | .0181 | .0171 | .0170 | | | |

MONTHLY OBSERVATIONS: 520 MONTHLY MEAN: .0286 MONTHLY MAX: .083

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone
 SITE ID: 37-179-0003 POC: 1
 COUNTY: (179) Union
 CITY: (43920) Monroe
 SITE ADDRESS: 701 CHARLES STREET
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.974038917
 LONGITUDE: -80.54062183
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 184
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .031 | .030 | .028 | BF | .027 | .026 | .024 | .025 | .026 | .030 | .033 | .036 | .037 | .038 | .038 | .039 | .040 | .039 | .030 | .022 | .016 | .007 | .007 | .012 | 23 | .040 |
| 2 | .016 | .015 | .014 | BF | .014 | .007 | .008 | .017 | .023 | .035 | .039 | .041 | .043 | .046 | .046 | .046 | .048 | .040 | .025 | .032 | .032 | .023 | .021 | .024 | 23 | .048 |
| 3 | .027 | .029 | .023 | BF | .022 | .016 | .012 | .020 | .034 | .040 | .044 | .046 | .047 | .048 | .049 | .052 | .054 | .047 | .041 | .039 | .037 | .029 | .017 | .028 | 23 | .054 |
| 4 | .031 | .030 | .030 | BF | .024 | .021 | .013 | .017 | .027 | .035 | .046 | .051 | .051 | .053 | .054 | .055 | .053 | .042 | .015 | .011 | .007 | .001 | .001 | .001 | 23 | .055 |
| 5 | .003 | .003 | .001 | BF | .000 | .001 | .002 | .010 | .024 | .032 | .043 | .048 | .050 | .051 | .057 | .052 | .047 | .040 | .018 | .010 | .013 | .012 | .008 | .009 | 23 | .057 |
| 6 | .009 | .011 | .008 | BF | .001 | .000 | .001 | .003 | .017 | .025 | .037 | .041 | .042 | .042 | .039 | .037 | .038 | .029 | .011 | .009 | .012 | .008 | .009 | .011 | 23 | .042 |
| 7 | .013 | .011 | .009 | BF | .010 | .009 | .008 | .008 | .010 | .020 | .022 | .020 | .016 | .012 | .010 | .012 | .017 | .011 | .003 | .003 | .003 | .004 | .001 | .000 | 23 | .022 |
| 8 | .001 | .004 | .003 | BF | .002 | .002 | .003 | .006 | .008 | .011 | .015 | .016 | .018 | .020 | .021 | .021 | .020 | .015 | .013 | .013 | .012 | .013 | .013 | .012 | 23 | .021 |
| 9 | .013 | .013 | .015 | BF | .016 | .016 | .015 | .015 | .017 | .017 | .020 | .022 | .022 | .020 | .021 | .024 | .025 | .020 | .013 | .004 | .005 | .004 | .005 | .006 | 23 | .025 |
| 10 | .004 | .006 | .006 | BF | .005 | .005 | .006 | .009 | .014 | .017 | .017 | .021 | .024 | .028 | .027 | .025 | .026 | .022 | .010 | .009 | .015 | .017 | .018 | .015 | 23 | .028 |
| 11 | .013 | .012 | .012 | BF | .013 | .013 | .012 | BA | BA | .013 | .019 | .026 | .028 | .031 | .033 | .032 | .030 | .025 | .015 | .009 | .009 | .009 | .014 | .014 | 21 | .033 |
| 12 | .012 | .009 | .009 | BF | .008 | .009 | .009 | .011 | .013 | .017 | .021 | .027 | .035 | .041 | .042 | .039 | .039 | .038 | .024 | .024 | .027 | .028 | .027 | .025 | 23 | .042 |
| 13 | .022 | .020 | .017 | BF | .014 | .014 | .014 | .016 | .013 | .018 | .018 | .019 | .020 | .023 | .025 | .024 | .021 | .023 | .018 | .019 | .016 | .018 | .026 | .024 | 23 | .026 |
| 14 | .024 | .023 | .023 | BF | .020 | .020 | .020 | .019 | .021 | .025 | .025 | .026 | .028 | .033 | .040 | .045 | .045 | .039 | .027 | .014 | .003 | .002 | .001 | .001 | 23 | .045 |
| 15 | .000 | .001 | .000 | BF | .001 | .002 | .005 | .011 | .015 | .026 | .029 | .031 | .033 | .038 | .037 | .036 | .033 | .031 | .025 | .023 | .022 | .021 | .019 | .018 | 23 | .038 |
| 16 | .014 | .015 | .017 | BF | .018 | .018 | .015 | .012 | .020 | .019 | .017 | .016 | .023 | .027 | .031 | .034 | .035 | .034 | .030 | .026 | .027 | .026 | .028 | .027 | 23 | .035 |
| 17 | .027 | .021 | .020 | BF | .022 | .018 | .013 | .016 | .023 | .029 | .032 | .036 | .039 | .041 | .042 | .043 | .043 | .038 | .028 | .013 | .003 | .002 | .001 | .002 | 23 | .043 |
| 18 | .001 | .000 | .000 | BF | .000 | .000 | .001 | .007 | .017 | .030 | .038 | .041 | .043 | .046 | .047 | .048 | .047 | .041 | .016 | .004 | .001 | .001 | .001 | .001 | 23 | .048 |
| 19 | .001 | .000 | .000 | BF | .000 | .000 | .001 | .002 | .017 | .024 | .040 | .047 | .050 | .055 | .057 | .060 | .061 | .036 | .011 | .004 | .009 | .002 | .003 | .005 | 23 | .061 |
| 20 | .004 | .004 | .003 | BF | .002 | .001 | .001 | .001 | AZ | AZ | .047 | .052 | .057 | .059 | .061 | .064 | .061 | .037 | .010 | .010 | .010 | .003 | .001 | .001 | 21 | .064 |
| 21 | .001 | .000 | .001 | BF | .000 | .001 | .000 | .001 | .019 | .034 | .044 | .055 | .063 | .065 | .065 | .063 | .059 | .041 | .026 | .006 | .006 | .002 | .002 | .001 | 23 | .065 |
| 22 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .009 | .019 | .024 | .036 | .046 | .045 | .046 | .046 | .046 | .044 | .044 | .041 | .041 | .040 | .039 | .040 | .041 | 23 | .046 |
| 23 | .040 | .039 | .037 | BF | .031 | .029 | .027 | .025 | .024 | .025 | .028 | .029 | .029 | .029 | .028 | .026 | .030 | .038 | .033 | .032 | .029 | .030 | .030 | 23 | .040 | |
| 24 | .027 | .023 | .021 | BF | .018 | .013 | .011 | .014 | .018 | .025 | .032 | .037 | .041 | .044 | .043 | .045 | .044 | .038 | .038 | .036 | .035 | .033 | .032 | .030 | 23 | .045 |
| 25 | .026 | .022 | .017 | BF | .010 | .005 | .004 | .006 | .020 | .025 | .036 | .040 | .042 | .044 | .046 | .047 | .046 | .035 | .017 | .022 | .025 | .025 | .025 | .025 | 23 | .047 |
| 26 | .021 | .017 | .009 | BF | .006 | .003 | .004 | .008 | .019 | .027 | .038 | .040 | .040 | .045 | .045 | .046 | .043 | .030 | .012 | .010 | .009 | .009 | .011 | .021 | 23 | .046 |
| 27 | .014 | .022 | .025 | BF | .022 | .009 | .002 | .008 | .024 | .035 | .041 | .047 | .051 | .051 | .051 | .050 | .052 | .049 | .032 | .038 | .044 | .045 | .043 | .039 | 23 | .052 |
| 28 | .035 | .027 | .024 | BF | .012 | .006 | .008 | .016 | .033 | .041 | .043 | .044 | .045 | .045 | .044 | .044 | .044 | .042 | .041 | .039 | .039 | .038 | .036 | .035 | 23 | .045 |
| 29 | .035 | .033 | .026 | BF | .019 | .021 | .019 | .024 | .025 | .028 | .029 | .022 | .018 | .016 | .014 | .016 | .021 | .022 | .023 | .022 | .026 | .027 | .026 | .023 | 23 | .035 |
| 30 | .020 | .020 | .019 | BF | .016 | .014 | .011 | .014 | .018 | .025 | .027 | .030 | .032 | .034 | .036 | .039 | .038 | .031 | .024 | .019 | .019 | .020 | .025 | .030 | 23 | .039 |
| 31 | .031 | .030 | .028 | BF | .021 | .018 | .014 | .013 | .023 | .028 | .028 | .034 | .042 | .050 | .055 | .059 | .061 | .050 | .027 | .003 | .009 | .012 | .015 | .019 | 23 | .061 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 29 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .040 | .039 | .037 | | .031 | .029 | .027 | .025 | .034 | .041 | .047 | .055 | .063 | .065 | .065 | .064 | .061 | .050 | .041 | .041 | .044 | .045 | .043 | .041 | | |
| AVG: | .0167 | .0158 | .0144 | | .0121 | .0103 | .0092 | .0121 | .0200 | .0260 | .0317 | .0351 | .0372 | .0394 | .0404 | .0410 | .0407 | .0342 | .0226 | .0183 | .0182 | .0164 | .0163 | .0171 | | |

MONTHLY OBSERVATIONS: 709 MONTHLY MEAN: .0237 MONTHLY MAX: .065

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-179-0003 POC: 1
 COUNTY: (179) Union
 CITY: (43920) Monroe
 SITE ADDRESS: 701 CHARLES STREET
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 34.974038917
 LONGITUDE: -80.54062183
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 184
 PROBE HEIGHT: 3

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .023 | .018 | .013 | BF | | | | | | | | | | | | | | | | | | | | | 3 | .023 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| MAX: | .023 | .018 | .013 | | | | | | | | | | | | | | | | | | | | | | | | | |
| AVG: | .0230 | .0180 | .0130 | | | | | | | | | | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 3 MONTHLY MEAN: .0180 MONTHLY MAX: .023

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JANUARY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .031 | .031 | .029 | BF | .031 | .033 | .030 | .028 | .026 | .024 | .024 | .025 | .028 | .027 | .022 | .022 | .022 | .019 | .017 | .018 | .016 | .018 | .019 | .021 | 23 | .033 |
| 2 | .021 | .023 | .022 | BF | .019 | .017 | .018 | .019 | .018 | .017 | .016 | .018 | .020 | .018 | .018 | .017 | .017 | .017 | .017 | .017 | .017 | .017 | .018 | .017 | 23 | .023 |
| 3 | .017 | .016 | .016 | BF | .015 | .014 | .011 | .008 | .008 | .010 | .008 | .007 | .007 | .006 | .008 | .008 | .011 | .014 | .016 | .016 | .015 | .015 | .014 | .014 | 23 | .017 |
| 4 | .014 | .015 | .015 | BF | .014 | .015 | .013 | .008 | .008 | .011 | .018 | .023 | .026 | .024 | .023 | .025 | .024 | .020 | .008 | .010 | .015 | .020 | .025 | .029 | 23 | .029 |
| 5 | .030 | .029 | .030 | BF | .030 | .029 | .024 | .014 | .011 | .023 | .031 | .032 | .033 | .033 | .030 | .029 | .025 | .026 | .018 | .015 | .018 | .019 | .013 | .014 | 23 | .033 |
| 6 | .016 | .019 | .020 | BF | .020 | .018 | .019 | .019 | .021 | .022 | .024 | .025 | .027 | .027 | .027 | .024 | .021 | .019 | .019 | .017 | .020 | .021 | .021 | .021 | 23 | .027 |
| 7 | .021 | .021 | .022 | BF | .027 | .025 | .023 | .023 | .026 | .030 | .031 | .032 | .036 | .034 | .035 | .033 | .030 | .030 | .030 | .032 | .032 | .032 | .032 | .034 | 23 | .036 |
| 8 | .034 | .034 | .033 | BF | .032 | .032 | .031 | .029 | .029 | .030 | .032 | .033 | .034 | .035 | .036 | .037 | .037 | .034 | .024 | .015 | .016 | .015 | .016 | .025 | 23 | .037 |
| 9 | .031 | .031 | .029 | BF | .026 | .022 | .020 | .018 | .020 | .028 | .030 | .033 | .033 | .034 | .034 | .033 | .031 | .027 | .017 | .010 | .006 | .004 | .005 | .006 | 23 | .034 |
| 10 | .013 | .018 | .015 | BF | .014 | .010 | .012 | .012 | .014 | .017 | .022 | .023 | .029 | .036 | .036 | .034 | .028 | .020 | .011 | .008 | .015 | .019 | .019 | .018 | 23 | .036 |
| 11 | .020 | .019 | .022 | BF | .017 | .008 | .002 | .002 | .003 | .007 | .010 | .007 | .020 | BA | BA | .027 | .024 | .013 | .016 | .014 | .013 | .013 | .023 | .026 | 21 | .027 |
| 12 | .024 | .027 | .029 | BF | .026 | .026 | .020 | .015 | .013 | .021 | .029 | .035 | .037 | .039 | .039 | AE | AE | .031 | .022 | .016 | .019 | .024 | .028 | .027 | 21 | .039 |
| 13 | .027 | .025 | .024 | BF | .024 | .020 | .006 | .000 | .003 | .013 | .027 | .030 | .034 | .033 | .033 | .033 | .030 | .029 | .027 | .029 | .027 | .026 | .026 | .026 | 23 | .034 |
| 14 | .029 | .026 | .024 | BF | .027 | .028 | .029 | .031 | .030 | .029 | .029 | .029 | .031 | .032 | .032 | .030 | .029 | .025 | .019 | .011 | .006 | .002 | .003 | .007 | 23 | .032 |
| 15 | .004 | .001 | .001 | BF | .000 | .001 | .002 | .003 | .008 | .014 | .019 | .023 | .025 | .029 | .030 | .030 | .030 | .028 | .028 | .029 | .028 | .027 | .028 | .025 | 23 | .030 |
| 16 | .025 | .026 | .025 | BF | .030 | .031 | .028 | .032 | .033 | .032 | .036 | .036 | .037 | .036 | .035 | .034 | .031 | .025 | .027 | .026 | .026 | .024 | .024 | .023 | 23 | .037 |
| 17 | .022 | .021 | .018 | BF | .019 | .018 | .013 | .006 | .006 | .007 | .014 | .020 | .022 | .023 | .023 | .021 | .015 | .009 | .007 | .012 | .017 | .018 | .017 | .018 | 23 | .023 |
| 18 | .023 | .025 | .026 | BF | .026 | .028 | .022 | .011 | .011 | .019 | .027 | .032 | .037 | .037 | .039 | .039 | .037 | .032 | .027 | .020 | .026 | .025 | .015 | .020 | 23 | .039 |
| 19 | .021 | .017 | .016 | BF | .013 | .013 | .004 | .000 | .007 | .015 | .020 | .021 | .021 | .023 | .024 | .025 | .020 | .008 | .001 | .002 | .001 | .002 | .001 | .000 | 23 | .025 |
| 20 | .000 | .001 | .005 | BF | .006 | .008 | .008 | .009 | .005 | .008 | .009 | .009 | .011 | .012 | .010 | .011 | .012 | .007 | .003 | .002 | .000 | .000 | .000 | .000 | 23 | .012 |
| 21 | .001 | .006 | .013 | BF | .011 | .012 | .011 | .009 | .008 | .008 | .009 | .008 | .009 | .008 | .009 | .009 | .008 | .006 | .005 | .004 | .006 | .006 | .006 | .007 | 23 | .013 |
| 22 | .004 | .005 | .006 | BF | .006 | .006 | .006 | .005 | .006 | .005 | .006 | .007 | .008 | .009 | .009 | .009 | .008 | .007 | .008 | .008 | .009 | .011 | .011 | .014 | 23 | .014 |
| 23 | .015 | .016 | .016 | BF | .020 | .022 | .019 | .018 | .025 | .035 | .037 | .038 | .039 | .040 | .039 | .038 | .033 | .025 | .025 | .026 | .026 | .024 | .023 | 23 | .040 | |
| 24 | .024 | .025 | .025 | BF | .022 | .016 | .015 | .010 | .012 | .014 | .020 | .023 | .026 | .029 | .031 | .032 | .030 | .029 | .028 | .028 | .027 | .027 | .016 | .008 | 23 | .032 |
| 25 | .001 | .006 | .006 | BF | .003 | .002 | .000 | .000 | .003 | .010 | .022 | .026 | .031 | AE | .038 | .039 | .035 | .032 | .030 | .033 | .032 | .033 | .031 | .032 | 22 | .039 |
| 26 | .035 | .035 | .036 | BF | .037 | .036 | .028 | .022 | .029 | .027 | .027 | .033 | .038 | .048 | .048 | .046 | .043 | .042 | .038 | .037 | .036 | .033 | .032 | .031 | 23 | .048 |
| 27 | .030 | .029 | .029 | BF | .029 | .024 | .009 | .003 | .010 | .024 | .032 | .035 | .034 | .034 | .032 | .034 | .033 | .030 | .028 | .028 | .026 | .024 | .024 | .026 | 23 | .035 |
| 28 | .026 | .025 | .018 | BF | .011 | .009 | .011 | .016 | .023 | .029 | .031 | .035 | .037 | .039 | .041 | .042 | .041 | .039 | .029 | .027 | .026 | .021 | .017 | .028 | 23 | .042 |
| 29 | .034 | .033 | .027 | BF | .028 | .027 | .025 | .019 | .025 | .032 | .034 | .037 | .041 | .043 | .042 | .042 | .042 | .040 | .034 | .030 | .033 | .036 | .027 | .033 | 23 | .043 |
| 30 | .037 | .035 | .035 | BF | .034 | .025 | .017 | .019 | .027 | .033 | .035 | .037 | .040 | .040 | .039 | .040 | .040 | .037 | .016 | .009 | .009 | .003 | .001 | .002 | 23 | .040 |
| 31 | .005 | .009 | .011 | BF | .015 | .011 | .013 | .009 | .020 | .030 | .036 | .041 | .043 | .046 | .047 | .047 | .045 | .040 | .033 | .028 | .033 | .042 | .044 | .042 | 23 | .047 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 29 | 30 | 30 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .037 | .035 | .036 | | .037 | .036 | .031 | .032 | .033 | .035 | .037 | .041 | .043 | .048 | .047 | .045 | .042 | .038 | .037 | .036 | .042 | .044 | .042 | | | |
| AVG: | .0205 | .0209 | .0207 | | .0204 | .0189 | .0158 | .0135 | .0157 | .0201 | .0240 | .0262 | .0288 | .0301 | .0303 | .0297 | .0279 | .0247 | .0203 | .0185 | .0193 | .0195 | .0187 | .0199 | | |

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .0219 MONTHLY MAX: .048

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: FEBRUARY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .038 | .037 | .036 | BF | .026 | .014 | .005 | .005 | .004 | .011 | .016 | .026 | .044 | .047 | .049 | .052 | .052 | .043 | .040 | .029 | .031 | .030 | .023 | .016 | 23 | .052 | | |
| 2 | .014 | .015 | .013 | BF | .010 | .011 | .002 | .002 | .002 | .013 | .034 | .039 | .042 | .045 | .044 | .044 | .042 | .029 | .010 | .007 | .002 | .019 | .028 | .033 | 23 | .045 | | |
| 3 | .035 | .035 | .036 | BF | .028 | .026 | .027 | .025 | .026 | .026 | .026 | .027 | .027 | .026 | .026 | .026 | .026 | .028 | .028 | .026 | .025 | .031 | .033 | .035 | 23 | .036 | | |
| 4 | .037 | .038 | .038 | BF | .037 | .035 | .034 | AE | AE | AE | AE | AE | .037 | .039 | .040 | .041 | .040 | .033 | .015 | .015 | .015 | .023 | .019 | .011 | 18 | .041 | | |
| 5 | .002 | .003 | .006 | BF | .014 | .015 | .011 | .010 | .022 | .029 | .038 | .042 | .042 | .044 | .045 | .045 | .045 | .041 | .030 | .020 | .015 | .012 | .017 | .035 | 23 | .045 | | |
| 6 | .039 | .037 | .031 | BF | .017 | .002 | .001 | .001 | .008 | .026 | .031 | .034 | .037 | .039 | .044 | .046 | .044 | .032 | .021 | .030 | .029 | .025 | .026 | .032 | 23 | .046 | | |
| 7 | .032 | .037 | .036 | BF | .034 | .031 | .025 | .020 | .022 | .028 | .031 | .034 | .037 | .040 | .043 | .042 | .042 | .038 | .037 | .035 | .036 | .036 | .034 | .034 | 23 | .043 | | |
| 8 | .033 | .030 | .027 | BF | .030 | .025 | .012 | .004 | .003 | .009 | .024 | .030 | .040 | .042 | .044 | .043 | .039 | .028 | .017 | .020 | .029 | .026 | .026 | .028 | 23 | .044 | | |
| 9 | .026 | .027 | .024 | BF | .029 | .030 | .035 | .023 | .025 | .029 | .032 | .037 | .038 | .041 | .042 | .041 | .042 | .042 | .040 | .038 | .037 | .038 | .038 | .037 | 23 | .042 | | |
| 10 | .036 | .031 | .026 | BF | .014 | .018 | .017 | .019 | AE | AE | AE | .037 | .040 | .038 | .039 | .039 | .040 | .039 | .036 | .037 | .033 | .034 | .035 | .037 | 20 | .040 | | |
| 11 | .037 | .038 | .038 | BF | .036 | .032 | .029 | .028 | .031 | .037 | .039 | .043 | .047 | .049 | .049 | .048 | .046 | .036 | .023 | .021 | .028 | .033 | .035 | .034 | 23 | .049 | | |
| 12 | .033 | .031 | .030 | BF | .032 | .036 | .036 | .036 | .038 | .038 | .038 | .039 | .039 | .039 | .038 | .037 | .035 | .032 | .028 | .026 | .030 | .036 | .037 | .037 | 23 | .039 | | |
| 13 | .041 | .045 | .044 | BF | .043 | .042 | .042 | .040 | .040 | .042 | .044 | .045 | .046 | .047 | .048 | .048 | .048 | .045 | .040 | .034 | .015 | .017 | .030 | .032 | 23 | .048 | | |
| 14 | .028 | .033 | .036 | BF | .027 | .019 | .015 | .006 | .020 | .030 | .037 | .038 | .043 | .047 | .049 | .053 | .053 | .048 | .034 | .026 | .023 | .028 | .028 | .031 | 23 | .053 | | |
| 15 | .038 | .040 | .038 | BF | .029 | .030 | .029 | .029 | .030 | .028 | .026 | .028 | .035 | .037 | .040 | .041 | .043 | .044 | .043 | .043 | .043 | .041 | .040 | .041 | 23 | .044 | | |
| 16 | .042 | .042 | .040 | BF | .038 | .033 | .034 | .031 | .035 | .039 | .040 | .041 | .042 | .043 | .045 | .046 | .047 | .044 | .035 | .025 | .017 | .004 | .001 | .001 | 23 | .047 | | |
| 17 | .000 | .001 | .001 | BF | .001 | .001 | .001 | .002 | .013 | .029 | .034 | .039 | .042 | .045 | .046 | .047 | .046 | .042 | .031 | .019 | .023 | .027 | .027 | .030 | 23 | .047 | | |
| 18 | .029 | .030 | .029 | BF | .015 | .013 | .006 | .003 | .015 | .020 | .024 | .037 | .051 | .053 | .052 | .051 | .051 | .047 | .044 | .043 | .042 | .045 | .046 | .046 | 23 | .053 | | |
| 19 | .046 | .045 | .044 | BF | .039 | .036 | .033 | .031 | .034 | .039 | .043 | .045 | .048 | .049 | .050 | .050 | .050 | .050 | .046 | .044 | .030 | .042 | .044 | .044 | 23 | .050 | | |
| 20 | .044 | .043 | .042 | BF | .041 | .040 | .035 | .034 | .028 | .035 | .042 | .048 | .050 | .052 | .053 | .053 | .050 | .038 | .013 | .014 | .026 | .004 | .007 | .000 | 23 | .053 | | |
| 21 | .013 | .034 | .038 | BF | .040 | .037 | .027 | .013 | .029 | .034 | .039 | .043 | .047 | .051 | .054 | .051 | .047 | .042 | .029 | .034 | .029 | .018 | .012 | .020 | 23 | .054 | | |
| 22 | .014 | .016 | .021 | BF | .019 | .022 | .022 | .023 | .023 | .029 | .033 | .040 | .044 | .047 | .047 | .048 | .045 | .041 | .035 | .031 | .027 | .023 | .022 | .019 | 23 | .048 | | |
| 23 | .015 | .024 | .023 | BF | .021 | .018 | .010 | .004 | .006 | .023 | .041 | .045 | .047 | .049 | .048 | .045 | .038 | .024 | .016 | .020 | .027 | .016 | .017 | 23 | .049 | | | |
| 24 | .018 | .005 | .014 | BF | .001 | .000 | .000 | .001 | .008 | .023 | .037 | .040 | .044 | .046 | .048 | .046 | .042 | .036 | .022 | .014 | .011 | .031 | .032 | .029 | 23 | .048 | | |
| 25 | .027 | .027 | .026 | BF | .020 | .016 | .012 | .014 | .023 | .030 | .035 | .040 | .041 | .041 | .040 | .041 | .044 | .043 | .044 | .044 | .046 | .043 | .045 | .041 | 23 | .046 | | |
| 26 | .039 | .041 | .042 | BF | .040 | .039 | .037 | .035 | .036 | .038 | .040 | .041 | .043 | .044 | .046 | .046 | .045 | .045 | .037 | .023 | .011 | .009 | .009 | .001 | 23 | .046 | | |
| 27 | .001 | .001 | .002 | BF | .001 | .000 | .001 | .004 | .017 | .028 | .036 | .044 | .046 | .047 | .048 | .049 | .046 | .037 | .033 | .029 | .028 | .025 | .020 | .034 | 23 | .049 | | |
| 28 | .036 | .038 | .037 | BF | .032 | .021 | .013 | .012 | .025 | .029 | .035 | .045 | .046 | .047 | .046 | .044 | .043 | .036 | .027 | .026 | .025 | .028 | .030 | .029 | 23 | .047 | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 28 | 28 | 28 | | 28 | 28 | 28 | 27 | 26 | 26 | 26 | 27 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | | | |
| MAX: | .046 | .045 | .044 | | .043 | .042 | .042 | .040 | .040 | .042 | .044 | .048 | .051 | .053 | .054 | .053 | .053 | .050 | .046 | .044 | .046 | .045 | .046 | .046 | | | | |
| AVG: | .0283 | .0294 | .0292 | | .0255 | .0229 | .0197 | .0169 | .0217 | .0285 | .0344 | .0388 | .0423 | .0441 | .0452 | .0453 | .0443 | .0393 | .0309 | .0275 | .0258 | .0268 | .0271 | .0280 | | | | |

MONTHLY OBSERVATIONS: 636 MONTHLY MEAN: .0314 MONTHLY MAX: .054

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .027 | .026 | .025 | BF | .023 | .021 | .017 | .015 | .018 | .023 | .026 | .026 | .028 | .031 | .031 | .031 | .029 | .026 | .029 | .034 | .031 | .028 | .030 | .031 | 23 | .034 | |
| 2 | .030 | .030 | .029 | BF | .042 | .040 | .038 | .038 | .039 | .040 | .041 | .042 | .043 | .044 | .045 | .046 | .045 | .044 | .044 | .043 | .038 | .034 | .034 | .029 | 23 | .046 | |
| 3 | .035 | .036 | .033 | BF | .009 | .010 | .015 | .019 | .033 | .038 | .040 | .042 | .044 | .046 | .047 | .045 | .043 | .040 | .039 | .037 | .037 | .037 | .037 | .037 | 23 | .047 | |
| 4 | .036 | .035 | .033 | BF | .030 | .029 | .022 | .011 | .028 | .036 | .041 | .043 | .042 | .043 | .045 | .047 | .047 | .046 | .029 | .022 | .013 | .011 | .002 | .001 | 23 | .047 | |
| 5 | .001 | .001 | .010 | BF | .034 | .034 | .034 | .036 | .040 | .041 | .042 | .043 | .044 | .046 | .047 | .048 | .048 | .046 | .037 | .036 | .031 | .031 | .031 | .028 | 23 | .048 | |
| 6 | .027 | .029 | .022 | BF | .015 | .014 | .009 | .015 | .023 | .029 | .035 | .042 | .048 | .050 | .051 | .050 | .050 | .045 | .035 | .029 | .020 | .025 | .036 | .038 | 23 | .051 | |
| 7 | .037 | .035 | .035 | BF | .037 | .028 | .021 | .024 | .035 | .043 | .048 | .050 | .051 | .051 | .050 | .050 | .049 | .046 | .043 | .043 | .043 | .043 | .042 | .041 | 23 | .051 | |
| 8 | .040 | .040 | .040 | BF | .037 | .036 | .034 | .036 | .035 | .037 | .043 | .045 | .048 | .051 | .052 | .053 | .052 | .047 | .030 | .008 | .002 | .005 | .009 | .015 | 23 | .053 | |
| 9 | .028 | .034 | .032 | BF | .010 | .000 | .001 | .007 | .008 | .031 | .047 | .048 | .049 | .053 | .054 | .053 | .051 | .054 | .043 | .031 | .039 | .045 | .047 | .049 | 23 | .054 | |
| 10 | .049 | .049 | .048 | BF | .041 | .040 | .036 | .035 | BA | .041 | .047 | .048 | .047 | .048 | .049 | .050 | .050 | .047 | .046 | .044 | .044 | .039 | .035 | .039 | 22 | .050 | |
| 11 | .038 | .033 | .029 | BF | .036 | .033 | .031 | .033 | .037 | .038 | .041 | .043 | .043 | .045 | .046 | .045 | .046 | .045 | .042 | .019 | .007 | .011 | .002 | .006 | 23 | .046 | |
| 12 | .035 | .039 | .040 | BF | .041 | .040 | .040 | .039 | .038 | .037 | .038 | .039 | .042 | .045 | .046 | .048 | .047 | .047 | .037 | .025 | .027 | .026 | .026 | .022 | 23 | .048 | |
| 13 | .016 | .014 | .013 | BF | .025 | .023 | .023 | AE | AE | .040 | .041 | .042 | .040 | .037 | .034 | .036 | .036 | .034 | .032 | .033 | .034 | .034 | .034 | .035 | 21 | .042 | |
| 14 | .036 | .035 | .035 | BF | .039 | .039 | .038 | .036 | .034 | .032 | .034 | .038 | .039 | .040 | .038 | .039 | .041 | .041 | .039 | .039 | .038 | .039 | .040 | .041 | 23 | .041 | |
| 15 | .041 | .040 | .040 | BF | .040 | .041 | .039 | .041 | .043 | .043 | .043 | .043 | .045 | .045 | .046 | .046 | .046 | .046 | .044 | .041 | .041 | .035 | .038 | .038 | 23 | .046 | |
| 16 | .038 | .037 | .036 | BF | .032 | .027 | .023 | .030 | .037 | .040 | .042 | .043 | .044 | .046 | .047 | .048 | .049 | .050 | .047 | .041 | .035 | .015 | .010 | .005 | 23 | .050 | |
| 17 | .001 | .001 | .001 | BF | .002 | .001 | .001 | .003 | .019 | .036 | .046 | .046 | .046 | .047 | .048 | .051 | .051 | .053 | .050 | .045 | .046 | .049 | .052 | .042 | 23 | .053 | |
| 18 | .041 | .044 | .045 | BF | .046 | .046 | .041 | .036 | .032 | .031 | .030 | .029 | .028 | .034 | .040 | .045 | .046 | .043 | .039 | .032 | .031 | .031 | .037 | .035 | 23 | .046 | |
| 19 | .035 | .033 | .032 | BF | .027 | .024 | .022 | .022 | .026 | .033 | .036 | .035 | .035 | .039 | .041 | .040 | .040 | .039 | .030 | .021 | .013 | .008 | .010 | 23 | .041 | | |
| 20 | .009 | .006 | .003 | BF | .013 | .008 | .001 | .004 | .019 | .034 | .036 | .039 | .039 | .044 | .048 | .049 | .049 | .044 | .032 | .026 | .013 | .014 | .019 | .020 | 23 | .049 | |
| 21 | .027 | .036 | .036 | BF | .033 | .026 | .022 | .019 | .030 | .041 | .046 | .052 | .058 | .062 | .063 | .063 | .060 | .055 | .049 | .046 | .037 | .039 | .042 | .043 | 23 | .063 | |
| 22 | .037 | .031 | .029 | BF | .032 | .033 | .034 | .036 | .038 | .042 | .044 | .046 | .048 | .050 | .051 | .052 | .053 | .051 | .050 | .047 | .045 | .044 | .042 | .041 | 23 | .053 | |
| 23 | .040 | .039 | .040 | BF | .035 | .032 | .028 | .035 | AZ | AZ | AZ | .047 | .049 | .051 | .051 | .051 | .052 | .050 | .045 | .040 | .038 | .037 | .037 | .040 | 20 | .052 | |
| 24 | .040 | .039 | .037 | BF | .031 | .021 | .015 | .023 | .028 | .036 | .044 | .048 | .049 | .051 | .050 | .050 | .050 | .051 | .046 | .031 | .019 | .026 | .039 | .041 | 23 | .051 | |
| 25 | .040 | .041 | .041 | BF | .034 | .028 | .023 | .032 | .040 | .043 | .046 | .046 | .047 | .048 | .047 | .046 | .052 | .050 | .042 | .024 | .024 | .036 | .038 | .039 | 23 | .052 | |
| 26 | .039 | .038 | .033 | BF | .014 | .011 | .014 | .020 | .028 | .034 | .042 | .042 | AE | 11 | .042 | |
| 27 | AE | AE | AE | AE | .026 | .022 | .011 | .011 | .015 | .028 | .038 | .043 | .042 | .042 | .044 | .046 | .046 | .045 | .042 | .038 | .034 | .037 | .041 | .040 | 20 | .046 | |
| 28 | .039 | .037 | .035 | BF | .031 | .029 | .029 | .020 | .023 | .031 | .033 | .036 | .040 | .043 | .044 | .047 | .054 | .053 | .047 | .039 | .018 | .003 | .034 | .045 | 23 | .054 | |
| 29 | .047 | .047 | .045 | BF | .039 | .035 | .031 | .031 | .036 | .038 | .038 | .040 | .043 | .044 | .044 | .047 | .048 | .049 | .041 | .034 | .027 | .024 | .029 | .032 | 23 | .049 | |
| 30 | .029 | .028 | .027 | BF | .028 | .027 | .026 | .026 | .031 | .038 | .040 | .041 | .041 | .044 | .046 | .046 | .046 | .046 | .043 | .040 | .039 | .042 | .044 | .045 | .044 | 23 | .046 |
| 31 | .042 | .041 | .040 | BF | .035 | .033 | .031 | .033 | .030 | .037 | .037 | .039 | .039 | .042 | .045 | .048 | .049 | .046 | .044 | .041 | .036 | .033 | .031 | .029 | 23 | .049 | |
| NO.: | 30 | 30 | 30 | | 31 | 31 | 31 | 30 | 28 | 30 | 30 | 31 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .049 | .049 | .048 | | .046 | .046 | .041 | .041 | .043 | .043 | .048 | .052 | .058 | .062 | .063 | .063 | .060 | .055 | .050 | .047 | .046 | .049 | .052 | .049 | | | |
| AVG: | .0327 | .0325 | .0315 | | .0296 | .0268 | .0242 | .0255 | .0301 | .0364 | .0402 | .0421 | .0434 | .0454 | .0462 | .0473 | .0476 | .0460 | .0408 | .0346 | .0304 | .0296 | .0316 | .0319 | | | |

MONTHLY OBSERVATIONS: 692 MONTHLY MEAN: .0359 MONTHLY MAX: .063

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .028 | .026 | .025 | BF | .025 | .023 | .021 | .023 | .028 | .034 | .037 | .041 | .043 | .043 | .045 | .047 | .046 | .046 | .045 | .043 | .041 | .037 | .034 | .034 | 23 | .047 | |
| 2 | .035 | .033 | .032 | BF | .032 | .031 | .030 | .031 | .033 | .037 | .039 | .041 | .044 | .046 | .047 | .048 | .049 | .048 | .044 | .039 | .040 | .039 | .036 | .035 | 23 | .049 | |
| 3 | .035 | .036 | .033 | BF | .028 | .021 | .021 | .025 | .035 | .039 | .041 | .046 | .046 | .046 | .047 | .045 | .039 | .040 | .041 | .038 | .035 | .034 | .035 | .036 | 23 | .047 | |
| 4 | .035 | .034 | .033 | BF | .033 | .031 | .026 | .026 | .030 | .035 | .038 | .043 | .047 | .049 | .049 | .050 | .050 | .049 | .046 | .037 | .019 | .019 | .030 | .035 | 23 | .050 | |
| 5 | .040 | .032 | .023 | BF | .017 | .007 | .002 | .007 | .027 | .036 | .048 | .050 | .050 | .045 | .034 | .031 | .036 | .037 | .037 | .041 | .040 | .037 | .035 | 23 | .050 | | |
| 6 | .031 | .025 | .020 | BF | .022 | .020 | .024 | .028 | BA | .035 | .040 | .040 | .039 | .040 | .041 | .042 | .040 | .038 | .039 | .039 | .038 | .038 | .039 | .039 | 22 | .042 | |
| 7 | .037 | .038 | .038 | BF | .038 | .036 | .035 | .036 | .039 | .040 | .040 | .040 | .042 | .044 | .045 | .045 | .045 | .045 | .043 | .042 | .044 | .042 | .041 | .038 | 23 | .045 | |
| 8 | .037 | .031 | .023 | BF | .027 | .024 | .024 | .032 | .041 | .047 | .049 | .052 | .053 | .055 | .056 | .057 | .057 | .058 | .053 | .027 | .013 | .002 | .001 | .001 | 23 | .058 | |
| 9 | .001 | .001 | .000 | BF | .000 | .000 | .003 | .012 | .033 | .044 | .054 | .061 | .062 | .063 | .064 | .063 | .062 | .059 | .054 | .042 | .043 | .044 | .044 | .048 | 23 | .064 | |
| 10 | .050 | .049 | .048 | BF | .035 | .024 | .018 | .031 | .048 | .054 | .056 | .058 | .058 | .058 | .057 | .055 | .056 | .058 | .054 | .044 | .040 | .040 | .043 | .046 | 23 | .058 | |
| 11 | .045 | .043 | .040 | BF | .033 | .027 | .024 | .033 | .043 | .047 | .049 | .052 | .054 | .054 | .055 | .054 | .052 | .053 | .050 | .042 | .038 | .042 | .042 | .040 | 23 | .055 | |
| 12 | .038 | .038 | .037 | BF | .033 | .030 | .031 | .032 | .035 | .041 | .050 | .055 | .062 | .066 | .065 | .064 | .066 | .062 | .057 | .043 | .037 | .026 | .015 | .015 | 23 | .066 | |
| 13 | .019 | .013 | .011 | BF | .012 | .018 | .033 | .042 | .046 | .051 | .055 | .057 | .059 | .061 | .062 | .062 | .061 | .061 | .056 | .050 | .052 | .049 | .048 | .050 | 23 | .062 | |
| 14 | .047 | .046 | .044 | BF | .038 | .034 | .033 | .037 | .039 | .044 | .046 | .050 | .056 | .060 | .060 | .060 | .056 | .053 | .046 | .032 | .030 | .032 | .032 | .030 | 23 | .060 | |
| 15 | .032 | .030 | .028 | BF | .024 | .022 | .018 | .023 | .025 | .037 | .042 | .047 | .048 | .049 | .050 | .053 | .053 | .053 | .052 | .041 | .038 | .041 | .043 | .044 | 23 | .053 | |
| 16 | .043 | .042 | .042 | BF | .043 | .041 | .041 | .045 | .046 | .047 | .050 | .054 | .055 | .055 | .055 | .055 | .053 | .050 | .042 | .039 | .044 | .044 | .044 | .043 | 23 | .055 | |
| 17 | .042 | .042 | .043 | BF | .042 | .040 | .039 | .043 | .047 | .049 | .053 | .055 | .056 | .055 | .052 | .050 | .051 | .043 | .032 | .029 | .024 | .023 | .019 | .016 | 23 | .056 | |
| 18 | .020 | .022 | .027 | BF | .027 | .026 | .025 | .025 | .029 | .036 | .041 | .043 | .046 | .049 | .050 | .049 | .049 | .048 | .047 | .045 | .044 | .045 | .045 | .044 | 23 | .050 | |
| 19 | .042 | .040 | .038 | BF | .031 | .024 | .029 | .026 | .026 | .027 | .029 | .032 | .036 | .038 | .038 | .039 | .036 | .030 | .022 | .017 | .018 | .016 | .014 | 23 | .042 | | |
| 20 | .013 | .013 | .015 | BF | .009 | .006 | .009 | .016 | .022 | .032 | .039 | .040 | .043 | .045 | .049 | .049 | .047 | .046 | .042 | .030 | .030 | .027 | .020 | .023 | 23 | .049 | |
| 21 | .029 | .030 | .028 | BF | .020 | .013 | .014 | .022 | .032 | .040 | .045 | .049 | .051 | .050 | .050 | .050 | .048 | .046 | .047 | .038 | .037 | .040 | .044 | .039 | 23 | .051 | |
| 22 | .032 | .022 | .024 | BF | .014 | .011 | .017 | .024 | .027 | .034 | .040 | .044 | .048 | .049 | .048 | .048 | .047 | .040 | .035 | .024 | .019 | .020 | .019 | .018 | 23 | .049 | |
| 23 | .017 | .022 | .025 | BF | .027 | .025 | .024 | .023 | .022 | .021 | .021 | .021 | .023 | .024 | .022 | .020 | .022 | .023 | .025 | .026 | .028 | .029 | .030 | .030 | 23 | .030 | |
| 24 | .029 | .028 | .027 | BF | .025 | .024 | .022 | .021 | .019 | .017 | .018 | .016 | .018 | .018 | .016 | .015 | .016 | .020 | .022 | .024 | .027 | .030 | .030 | .031 | 23 | .031 | |
| 25 | .032 | .031 | .032 | BF | .029 | .025 | .026 | .029 | .027 | .028 | .035 | .039 | .039 | .042 | .045 | .044 | .041 | .039 | .030 | .023 | .018 | .019 | .021 | .022 | 23 | .045 | |
| 26 | .024 | .024 | .025 | BF | .026 | .020 | .019 | .021 | .022 | .028 | .032 | .038 | .040 | .044 | .044 | .043 | .043 | AE | .031 | .020 | .017 | .014 | .017 | .025 | 22 | .044 | |
| 27 | .030 | .032 | .034 | BF | .038 | .028 | .026 | .037 | .043 | .047 | .051 | .053 | .056 | .059 | .060 | .058 | .051 | .049 | .042 | .036 | .030 | .031 | .034 | .035 | 23 | .060 | |
| 28 | .035 | .033 | .032 | BF | .025 | .019 | .015 | .021 | .028 | .035 | .038 | .038 | .038 | .038 | .039 | .042 | .044 | .046 | .042 | .033 | .030 | .028 | .025 | .025 | 23 | .046 | |
| 29 | .024 | .025 | .025 | BF | .028 | .026 | .024 | .026 | .026 | .028 | .032 | .035 | .037 | .038 | .039 | .039 | .039 | .037 | .033 | .028 | .022 | .019 | .018 | .017 | 23 | .039 | |
| 30 | .016 | .015 | .015 | BF | .018 | .018 | .018 | .020 | .021 | .022 | .023 | .024 | .026 | .028 | .028 | .027 | .026 | .023 | .022 | .013 | .010 | .016 | .019 | .020 | 23 | .028 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .050 | .049 | .048 | | .043 | .041 | .041 | .045 | .048 | .054 | .056 | .061 | .062 | .066 | .065 | .064 | .066 | .062 | .057 | .050 | .052 | .049 | .048 | .050 | | | |
| AVG: | .0313 | .0299 | .0289 | | .0266 | .0231 | .0230 | .0272 | .0324 | .0371 | .0410 | .0437 | .0457 | .0471 | .0474 | .0469 | .0460 | .0451 | .0416 | .0343 | .0314 | .0309 | .0307 | .0309 | | | |

MONTHLY OBSERVATIONS: 688 MONTHLY MEAN: .0357 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-183-0014 POC: 1
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 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .020 | .020 | .022 | BF | .023 | .021 | .021 | .022 | .024 | .025 | .025 | .030 | .030 | .030 | .032 | .031 | .029 | .028 | .026 | .024 | .022 | .020 | .027 | 23 | .032 | |
| 2 | .030 | .028 | .028 | BF | .027 | .024 | .028 | .038 | .045 | .048 | .050 | .052 | .051 | .051 | .051 | .053 | .055 | .055 | .051 | .046 | .043 | .039 | .040 | .043 | 23 | .055 |
| 3 | .041 | .038 | .038 | BF | .027 | .011 | .020 | .036 | .043 | .048 | .052 | .054 | .055 | .056 | .057 | .056 | .055 | .049 | .041 | .039 | .040 | .043 | .042 | 23 | .057 | |
| 4 | .044 | .045 | .046 | BF | .041 | .037 | .035 | BA | .043 | .048 | .051 | .054 | .054 | .051 | .051 | .049 | .049 | .047 | .046 | .044 | .047 | .048 | .046 | .039 | 22 | .054 |
| 5 | .029 | .022 | .019 | BF | .023 | .036 | .032 | .028 | .027 | .034 | .038 | .040 | .046 | .047 | .049 | .049 | .046 | .043 | .041 | .043 | .040 | .036 | .034 | .034 | 23 | .049 |
| 6 | .033 | .031 | .030 | BF | .027 | .025 | .021 | .020 | .020 | .021 | .031 | .038 | .039 | .044 | .047 | .049 | .046 | .043 | .040 | .034 | .033 | .032 | .033 | .032 | 23 | .049 |
| 7 | .032 | .032 | .030 | BF | .030 | .028 | .028 | .031 | .034 | .038 | .042 | .045 | .047 | .047 | .046 | .048 | .048 | .049 | .047 | .043 | .037 | .035 | .040 | .039 | 23 | .049 |
| 8 | .036 | .032 | .027 | BF | .011 | .005 | .011 | .031 | .043 | .047 | .055 | .061 | .063 | .062 | .062 | .062 | .063 | .062 | .058 | .036 | .022 | .019 | .017 | .017 | 23 | .063 |
| 9 | .025 | .024 | .019 | BF | .009 | .006 | .012 | .016 | .014 | .020 | .021 | .023 | .027 | .037 | .040 | .045 | .044 | .039 | .028 | .022 | .019 | .017 | .018 | .019 | 23 | .045 |
| 10 | .018 | .029 | .031 | BF | .023 | .016 | .015 | .022 | .027 | .029 | .035 | .049 | .064 | .068 | .068 | .069 | .067 | .061 | .053 | .039 | .030 | .027 | .026 | .025 | 23 | .069 |
| 11 | .017 | .016 | .016 | BF | .009 | .007 | .008 | .012 | .019 | .025 | .035 | .047 | .048 | .054 | .055 | .056 | .051 | .046 | .040 | .027 | .028 | .031 | .037 | 23 | .056 | |
| 12 | .038 | .039 | .039 | BF | .043 | .040 | .034 | .033 | .034 | .033 | .031 | .029 | .029 | .027 | .025 | .025 | .024 | .024 | .023 | .022 | .022 | .022 | .023 | .025 | 23 | .043 |
| 13 | .024 | .023 | .023 | BF | .022 | .022 | .022 | .021 | .021 | .025 | .027 | .030 | .031 | .030 | .030 | .029 | .027 | .027 | .024 | .013 | .007 | .005 | .001 | .000 | 23 | .031 |
| 14 | .000 | .000 | .000 | BF | .003 | .004 | .010 | .019 | .029 | .042 | .048 | .055 | .056 | .056 | .057 | .058 | .058 | .057 | .055 | .054 | .052 | .052 | .052 | .050 | 23 | .058 |
| 15 | .047 | .045 | .044 | BF | .043 | .040 | .039 | .040 | .043 | .049 | .052 | .055 | .056 | .058 | .059 | .059 | .060 | .058 | .055 | .041 | .028 | .027 | .025 | .016 | 23 | .060 |
| 16 | .007 | .009 | .015 | BF | .018 | .013 | .021 | .029 | .038 | .046 | .055 | .060 | .065 | .066 | .071 | .073 | .073 | .068 | .063 | .043 | .034 | .029 | .030 | .030 | 23 | .073 |
| 17 | .030 | .028 | .026 | BF | .020 | .020 | .027 | .038 | .048 | .051 | .054 | .057 | .061 | .060 | .059 | .060 | .061 | .066 | .060 | .047 | .042 | .042 | .043 | .045 | 23 | .066 |
| 18 | .045 | .045 | .044 | BF | .039 | .035 | .033 | .036 | .039 | .042 | .044 | .046 | .045 | .046 | .045 | .045 | .048 | .047 | .044 | .040 | .040 | .041 | .039 | .037 | 23 | .048 |
| 19 | .036 | .035 | .036 | BF | .034 | .030 | .029 | .032 | .039 | .042 | .047 | .051 | .052 | .048 | .046 | .046 | .046 | .046 | .041 | .036 | .028 | .020 | .017 | 23 | .052 | |
| 20 | .014 | .015 | .030 | BF | .038 | .035 | .032 | .033 | .037 | .044 | .050 | .058 | .060 | .057 | .052 | .049 | .048 | .047 | .044 | .046 | .041 | .037 | .034 | .031 | 23 | .060 |
| 21 | .030 | .031 | .029 | BF | .025 | .024 | .023 | .023 | .023 | .023 | .025 | .025 | .026 | .027 | .028 | .029 | .029 | .030 | .030 | .028 | .027 | .026 | .028 | .030 | 23 | .031 |
| 22 | .030 | .027 | .024 | BF | .021 | .019 | .019 | .021 | .018 | .018 | .017 | .020 | .028 | .032 | .034 | .033 | .030 | .027 | .024 | .018 | .017 | .016 | .025 | .035 | 23 | .035 |
| 23 | .036 | .027 | .020 | BF | .013 | .011 | .015 | .017 | .025 | .030 | .033 | .031 | .031 | .027 | .024 | .022 | .022 | .020 | .021 | .020 | .019 | .018 | .019 | .016 | 23 | .036 |
| 24 | .012 | .011 | .016 | BF | .015 | .016 | .011 | .013 | .012 | .013 | .018 | .022 | .027 | .029 | .028 | .024 | .020 | .019 | .028 | .024 | .020 | .023 | .024 | .025 | 23 | .029 |
| 25 | .024 | .023 | .028 | BF | .033 | .028 | .024 | .030 | .032 | .036 | .041 | .044 | .043 | .043 | .046 | .045 | .047 | .043 | .040 | .037 | .035 | .032 | .033 | .034 | 23 | .047 |
| 26 | .033 | .033 | .032 | BF | .031 | .027 | .026 | .031 | .039 | .045 | .052 | .057 | .058 | .059 | .060 | .059 | .058 | .056 | .055 | .041 | .025 | .025 | .022 | .030 | 23 | .060 |
| 27 | .032 | .025 | .027 | BF | .021 | .012 | .019 | .030 | .042 | .056 | .062 | .060 | .060 | .058 | .054 | .054 | .053 | .052 | .052 | .048 | .045 | .041 | .039 | .034 | 23 | .062 |
| 28 | .040 | .037 | .028 | BF | .026 | .026 | .024 | .031 | .036 | .043 | .052 | .053 | .056 | .055 | .054 | .052 | .050 | .052 | .048 | .045 | .041 | .039 | .036 | .034 | 23 | .056 |
| 29 | .032 | .029 | .029 | BF | .028 | .021 | .029 | .036 | .043 | .048 | .050 | .051 | .053 | .055 | .055 | .055 | .056 | .055 | .054 | .039 | .036 | .037 | .027 | .021 | 23 | .056 |
| 30 | .016 | .015 | .017 | BF | .017 | .016 | .018 | .016 | .018 | .030 | .037 | .042 | .041 | .041 | .044 | .042 | .041 | .041 | .039 | .030 | .026 | .018 | .019 | .017 | 23 | .044 |
| 31 | .016 | .019 | .019 | BF | .016 | .015 | .012 | .017 | .033 | .046 | .052 | .054 | .057 | .058 | .057 | .051 | .046 | .042 | .039 | .033 | .032 | .031 | .026 | .022 | 23 | .058 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .047 | .045 | .046 | | .043 | .040 | .039 | .040 | .048 | .056 | .062 | .061 | .065 | .068 | .071 | .073 | .073 | .068 | .063 | .054 | .052 | .052 | .052 | .050 | | |
| AVG: | .0280 | .0269 | .0268 | | .0244 | .0216 | .0225 | .0267 | .0319 | .0369 | .0410 | .0445 | .0470 | .0475 | .0478 | .0476 | .0470 | .0455 | .0429 | .0363 | .0318 | .0301 | .0293 | .0292 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0354 MONTHLY MAX: .073

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .017 | .013 | .016 | BF | .008 | .013 | .012 | .024 | .039 | .051 | .059 | .064 | .063 | .067 | .066 | .063 | .062 | .061 | .053 | .032 | .019 | .013 | .002 | .002 | 23 | .067 | |
| 2 | .001 | .010 | .015 | BF | .010 | .021 | .026 | .034 | .045 | .050 | .056 | .058 | .059 | .060 | .065 | .065 | .063 | .066 | .065 | .052 | .035 | .039 | .021 | .008 | 23 | .066 | |
| 3 | .006 | .006 | .002 | BF | .000 | .006 | .018 | .036 | .056 | .064 | .069 | .069 | .069 | .066 | .065 | .066 | .063 | .059 | .056 | .049 | .043 | .038 | .029 | .025 | 23 | .069 | |
| 4 | .020 | .014 | .008 | BF | .002 | .004 | .008 | .025 | .038 | .055 | .062 | .058 | .058 | .056 | .052 | .051 | .052 | .043 | .036 | .035 | .037 | .034 | .033 | .033 | 23 | .062 | |
| 5 | .025 | .019 | .017 | BF | .011 | .007 | .005 | .007 | .011 | .016 | .022 | .021 | .021 | .025 | .030 | .030 | .025 | .027 | .029 | .029 | .029 | .026 | .030 | .032 | 23 | .032 | |
| 6 | .031 | .023 | .023 | BF | .021 | .018 | .016 | .023 | .031 | .040 | .045 | .046 | .051 | .054 | .053 | BA | .054 | .054 | .051 | .039 | .034 | .028 | .029 | .037 | 22 | .054 | |
| 7 | .041 | .039 | .035 | BF | .031 | .030 | .030 | .032 | .035 | .041 | .043 | .045 | .044 | .043 | .044 | .043 | .042 | .041 | .041 | .038 | .036 | .036 | .034 | .033 | 23 | .045 | |
| 8 | .031 | .031 | .030 | BF | .028 | .026 | .029 | .032 | .034 | .036 | .037 | .039 | .039 | .040 | .040 | .040 | .042 | .043 | .043 | .040 | .032 | .022 | .015 | .018 | 23 | .043 | |
| 9 | .023 | .020 | .015 | BF | .016 | .009 | .016 | .027 | .035 | .042 | .048 | .053 | .054 | .057 | .060 | .062 | .062 | .061 | .058 | .044 | .025 | .020 | .015 | .013 | 23 | .062 | |
| 10 | .018 | .021 | .016 | BF | .010 | .007 | .018 | .027 | .039 | .046 | .054 | .058 | .057 | .056 | .056 | .057 | .060 | .061 | .055 | .047 | .044 | .044 | .040 | .039 | 23 | .061 | |
| 11 | .039 | .038 | .036 | BF | .028 | .025 | .031 | .034 | .039 | .041 | .044 | .050 | .052 | .052 | .052 | .052 | .051 | .048 | .046 | .042 | .038 | .036 | .036 | .034 | 23 | .052 | |
| 12 | .033 | .031 | .030 | BF | .023 | .018 | .021 | .035 | .041 | .047 | .049 | .051 | .052 | AE | 12 | .052 | |
| 13 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | .042 | .038 | .041 | .040 | .041 | 5 | .042 |
| 14 | .040 | .036 | .028 | BF | .027 | .023 | .024 | .033 | .041 | BA | .060 | BA | .066 | AE | 10 | .066 | |
| 15 | AE | AE | AE | AE | AE | AE | AE | .034 | .040 | .046 | .055 | .061 | AE | .031 | .036 | 7 | .061 | |
| 16 | .036 | .031 | .026 | BF | .015 | .011 | .009 | .017 | .072 | .079 | AE | AE | AE | AE | AE | .054 | .049 | .048 | .042 | .042 | .034 | .029 | .026 | .025 | 18 | .079 | |
| 17 | .022 | AE | AE | AE | AE | AE | AE | AE | AE | AE | .033 | .035 | .032 | .032 | .034 | AE | AE | AE | AE | .020 | .015 | .011 | .013 | .011 | 11 | .035 | |
| 18 | .013 | .015 | .019 | BF | .021 | .020 | .020 | AE | .024 | .027 | .030 | .032 | .034 | .036 | .037 | AE | .037 | .036 | .031 | .024 | .023 | .021 | .017 | .016 | 21 | .037 | |
| 19 | .015 | .014 | .013 | BF | .012 | .010 | .010 | .012 | .016 | .023 | .028 | AE | AE | AE | AE | AE | .029 | .028 | .025 | .022 | .022 | .026 | .024 | .020 | 18 | .029 | |
| 20 | .035 | .037 | .039 | BF | .030 | .021 | .018 | .017 | .019 | .024 | .034 | .040 | .034 | .038 | .039 | .033 | .027 | .023 | .026 | .026 | .029 | .030 | .032 | .027 | 23 | .040 | |
| 21 | .021 | .018 | .017 | BF | .033 | .027 | .019 | .014 | .020 | .025 | .027 | .031 | .031 | .036 | .040 | .040 | .037 | .033 | .030 | .020 | .017 | .017 | .017 | .016 | 23 | .040 | |
| 22 | .015 | .014 | .013 | BF | .009 | .006 | .006 | .010 | .016 | BA | BA | BA | BA | .028 | .026 | .027 | .024 | .019 | .017 | .016 | .015 | .012 | .009 | .009 | 19 | .028 | |
| 23 | .009 | .008 | .007 | BF | .006 | .005 | .004 | .006 | .008 | .012 | .018 | .021 | .021 | .022 | AE | AE | .021 | .023 | .027 | .022 | .020 | .021 | .020 | .021 | 21 | .027 | |
| 24 | .024 | .024 | .023 | BF | .019 | .017 | .016 | .018 | .025 | .031 | .038 | .040 | .039 | .039 | .037 | AE | AE | .032 | .032 | .029 | .022 | .019 | .017 | .015 | 21 | .040 | |
| 25 | .015 | .015 | .010 | BF | .004 | .006 | .011 | .017 | .025 | .031 | .037 | .043 | .046 | .046 | .057 | .051 | .040 | .039 | .036 | .032 | .029 | .028 | .022 | .024 | 23 | .057 | |
| 26 | .026 | .023 | .024 | BF | .014 | .012 | .011 | .020 | .033 | .047 | .051 | .050 | .052 | .057 | .061 | .060 | .058 | .057 | .054 | .044 | .027 | .025 | .022 | .019 | 23 | .061 | |
| 27 | .012 | .007 | .004 | BF | .000 | .001 | .011 | .026 | .034 | .039 | .042 | .044 | .046 | .046 | .051 | .049 | .054 | .049 | .046 | .043 | .041 | .035 | .033 | .023 | 23 | .054 | |
| 28 | .013 | AE | AE | AE | AE | AE | AE | .026 | .032 | .035 | .039 | .042 | .045 | .048 | .049 | .049 | .049 | .048 | .046 | .039 | .029 | .025 | .024 | .024 | 18 | .049 | |
| 29 | .030 | .032 | .027 | BF | .015 | .009 | .008 | BF | .059 | .061 | .059 | .055 | .051 | .046 | .047 | .043 | .042 | .038 | 16 | .061 |
| 30 | .038 | .037 | .035 | BF | .022 | .017 | .020 | .028 | .033 | .035 | .038 | .037 | .034 | .032 | .030 | .029 | .028 | .025 | .023 | .020 | .018 | .016 | .015 | .015 | 23 | .038 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 28 | 26 | 26 | | 26 | 26 | 26 | 26 | 27 | 25 | 26 | 24 | 24 | 23 | 23 | 20 | 24 | 25 | 25 | 27 | 27 | 27 | 28 | 28 | | | |
| MAX: | .041 | .039 | .039 | | .033 | .030 | .031 | .036 | .072 | .079 | .069 | .069 | .069 | .067 | .066 | .066 | .063 | .066 | .065 | .052 | .047 | .044 | .042 | .041 | | | |
| AVG: | .0232 | .0222 | .0203 | | .0160 | .0142 | .0160 | .0236 | .0326 | .0393 | .0430 | .0453 | .0458 | .0450 | .0480 | .0491 | .0453 | .0432 | .0408 | .0346 | .0297 | .0271 | .0244 | .0236 | | | |

MONTHLY OBSERVATIONS: 587 MONTHLY MEAN: .0321 MONTHLY MAX: .079

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .017 | .017 | .016 | BF | .016 | .016 | .014 | .015 | .014 | .016 | .017 | .021 | .027 | .030 | .030 | .029 | .028 | .027 | .025 | .025 | .024 | .028 | .031 | .032 | 23 | .032 | | |
| 2 | .029 | .028 | .027 | BF | .023 | .021 | .021 | .025 | .031 | .036 | .043 | .045 | .047 | .048 | .048 | .050 | .052 | .049 | .046 | .040 | .035 | .031 | .021 | .018 | 23 | .052 | | |
| 3 | .020 | .023 | .021 | BF | .017 | .018 | .019 | .026 | .037 | .045 | .053 | .055 | .064 | .065 | .068 | .062 | .058 | .036 | .031 | .031 | .030 | .020 | .020 | .021 | 23 | .068 | | |
| 4 | .021 | .016 | .015 | BF | .007 | .006 | .013 | .027 | .038 | .040 | .042 | .043 | .043 | .045 | .045 | .042 | .041 | .042 | .041 | .033 | .028 | .030 | .029 | .032 | 23 | .045 | | |
| 5 | .031 | .026 | .020 | BF | .013 | .010 | .014 | .015 | .016 | .021 | BA | 9 | .031 | | |
| 6 | BA | BA | BA | BA | BA | BA | BA | BA | AY | AY | AY | BC | .039 | .039 | .038 | .039 | .036 | .036 | .037 | .033 | .033 | .036 | .027 | .028 | 12 | .039 | | |
| 7 | .029 | .028 | .026 | BF | .022 | .020 | .021 | .026 | .030 | .037 | .045 | .050 | .050 | .051 | .054 | .052 | .049 | .049 | .048 | .044 | .038 | .033 | .030 | .029 | 23 | .054 | | |
| 8 | .025 | .026 | .026 | BF | .024 | .023 | .025 | .029 | .037 | .044 | .048 | .051 | .053 | .051 | .052 | .050 | .050 | .048 | .049 | .044 | .033 | .035 | .032 | .034 | 23 | .053 | | |
| 9 | .031 | .028 | .030 | BF | .025 | .024 | .023 | .024 | .030 | .037 | .040 | .042 | .044 | .043 | .043 | .044 | .045 | .045 | .043 | .037 | .033 | .028 | .026 | .030 | 23 | .045 | | |
| 10 | .028 | .023 | .015 | BF | .005 | .002 | .007 | .010 | .014 | .035 | .050 | .055 | .055 | .053 | .050 | .046 | .045 | .038 | .034 | .034 | .032 | .027 | .030 | .024 | 23 | .055 | | |
| 11 | .020 | .018 | .018 | BF | .013 | .009 | .013 | .019 | .026 | .037 | .050 | .051 | .050 | .049 | .050 | .052 | .049 | AE | AE | AE | .043 | .042 | .039 | .037 | .031 | 21 | .052 | |
| 12 | .026 | .025 | .023 | BF | .019 | .014 | .014 | .023 | .035 | .045 | .048 | .045 | .046 | .044 | AE | .027 | .023 | 15 | .048 |
| 13 | .019 | .017 | .016 | BF | .012 | .010 | .011 | .018 | .029 | .035 | AX | AX | AE | .031 | .012 | .009 | .017 | .017 | 14 | .035 | |
| 14 | .016 | .015 | .013 | BF | .011 | .008 | .009 | .018 | .029 | .037 | .044 | .047 | .046 | .047 | .047 | .046 | .041 | .042 | .041 | .036 | .033 | .032 | .028 | .026 | 23 | .047 | | |
| 15 | .029 | .041 | .037 | BF | .029 | .025 | .023 | .026 | .033 | .046 | .051 | .048 | .048 | .049 | .050 | .052 | .047 | .044 | .039 | .032 | .029 | .031 | .030 | .030 | 23 | .052 | | |
| 16 | .031 | .043 | .043 | BF | .027 | .020 | .015 | .019 | .021 | .021 | .026 | .038 | .045 | .049 | .045 | .046 | .045 | .043 | .042 | .038 | .035 | .036 | .033 | .028 | 23 | .049 | | |
| 17 | .025 | .021 | .018 | BF | .011 | .010 | .010 | .017 | BA | BA | BA | BA | .047 | .045 | .042 | .042 | .036 | .032 | .030 | .021 | .016 | .019 | .018 | .016 | 19 | .047 | | |
| 18 | .016 | .017 | .018 | BF | .021 | .019 | .013 | .020 | .022 | .026 | .035 | .042 | .049 | .054 | .051 | .046 | .035 | .034 | .034 | .032 | .043 | .038 | .036 | .025 | 23 | .054 | | |
| 19 | .021 | .023 | .021 | BF | .017 | .013 | .018 | .023 | .037 | .053 | .061 | .065 | .064 | .061 | .058 | AE | AE | AE | AE | AE | .052 | .045 | .039 | .032 | .035 | 19 | .065 | |
| 20 | .036 | .034 | .026 | BF | .014 | .007 | .014 | .029 | .046 | .062 | .070 | .076 | AE | .036 | 12 | .076 | |
| 21 | .038 | .036 | .031 | BF | .019 | .014 | .013 | .028 | .039 | .059 | .067 | .073 | .075 | .066 | AE | AE | AE | AE | AE | AE | .049 | .046 | .045 | .045 | .044 | 18 | .075 | |
| 22 | .043 | .040 | .032 | BF | .030 | .026 | .027 | .033 | .040 | .049 | .055 | .056 | .062 | .056 | AE | .045 | .043 | .042 | .041 | 17 | .062 | |
| 23 | .038 | .035 | .033 | BF | .031 | .027 | .027 | .030 | .037 | .044 | .046 | .049 | .053 | AE | AE | AE | AE | AE | AE | .043 | .041 | .038 | .036 | .033 | .026 | 18 | .053 | |
| 24 | .023 | .023 | .022 | BF | .022 | .020 | .020 | .020 | .026 | .032 | .038 | .045 | .051 | .054 | .054 | AE | AE | AE | AE | AE | .045 | .033 | .033 | .029 | .028 | 19 | .054 | |
| 25 | .028 | .026 | .022 | BF | .015 | .011 | .011 | .029 | .042 | .048 | .051 | .054 | .057 | .059 | .065 | .072 | .073 | .071 | .070 | .061 | .041 | .040 | .037 | .037 | 23 | .073 | | |
| 26 | .040 | .041 | .040 | BF | .037 | .036 | .032 | .035 | AN | .043 | .045 | .048 | .053 | .055 | .054 | .055 | .055 | .054 | .051 | .045 | .039 | .035 | .034 | .034 | 22 | .055 | | |
| 27 | .034 | .032 | .029 | BF | .025 | .027 | .029 | AX | AX | .045 | .048 | .050 | .051 | .051 | .053 | .052 | .049 | .050 | .047 | .042 | .042 | .040 | .033 | .030 | 21 | .053 | | |
| 28 | .025 | .022 | .020 | BF | .019 | .016 | .014 | .018 | .026 | .039 | .046 | .046 | .045 | .048 | .047 | .049 | .043 | .041 | AE | AE | AE | AE | AE | AE | AE | 17 | .049 | |
| 29 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | 0 | |
| 30 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | 0 | |
| 31 | AE | AE | AE | AE | AE | AE | AE | AE | AX | .039 | .048 | .048 | .046 | .045 | .045 | .046 | .047 | .048 | .044 | .040 | .034 | .029 | .024 | .021 | 15 | .048 | | |
| NO.: | 27 | 27 | 27 | | 27 | 27 | 27 | 26 | 24 | 27 | 25 | 25 | 26 | 25 | 22 | 20 | 20 | 19 | 19 | 24 | 25 | 25 | 26 | 27 | | | | |
| MAX: | .043 | .043 | .043 | | .037 | .036 | .032 | .035 | .046 | .062 | .070 | .076 | .075 | .066 | .068 | .072 | .073 | .071 | .070 | .061 | .046 | .045 | .045 | .044 | | | | |
| AVG: | .0274 | .0268 | .0244 | | .0194 | .0167 | .0174 | .0232 | .0306 | .0397 | .0467 | .0497 | .0504 | .0502 | .0495 | .0485 | .0465 | .0438 | .0421 | .0390 | .0345 | .0324 | .0301 | .0287 | | | | |

MONTHLY OBSERVATIONS: 567 MONTHLY MEAN: .0348 MONTHLY MAX: .076

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .017 | .017 | .009 | BF | .000 | .001 | .006 | .021 | .034 | .042 | .052 | .051 | .051 | .051 | .052 | .051 | AE | AE | 15 | .052 |
| 2 | AE | AE | AE | AE | AE | AE | AE | AE | .025 | .031 | .049 | .062 | .070 | .075 | .077 | .075 | .070 | .066 | .049 | .039 | .029 | .027 | .020 | .021 | 16 | .077 | |
| 3 | .018 | .013 | .012 | BF | .008 | .003 | .003 | .007 | .020 | .034 | .070 | .079 | .073 | .067 | .060 | .057 | .053 | .049 | .045 | .039 | .033 | .030 | .025 | .021 | 23 | .079 | |
| 4 | .019 | .019 | .017 | BF | .011 | .010 | .004 | AI | .036 | .048 | .053 | .056 | .056 | .053 | .051 | .050 | .051 | .048 | .044 | .040 | .034 | .033 | .033 | .033 | 22 | .056 | |
| 5 | .035 | .042 | .042 | BF | .038 | .035 | .031 | .030 | .034 | .040 | .044 | .047 | .049 | .050 | .051 | .049 | .047 | .046 | .044 | .039 | .037 | .034 | .033 | .031 | 23 | .051 | |
| 6 | .029 | .029 | .031 | BF | .029 | .028 | .026 | .027 | .031 | .036 | .038 | .041 | .042 | .043 | .044 | .046 | .046 | .044 | .041 | .038 | .035 | .037 | .036 | .031 | 23 | .046 | |
| 7 | .027 | .021 | .016 | BF | .011 | .013 | .014 | .018 | BA | BA | BA | .026 | BA | .027 | .027 | .025 | .021 | .023 | .023 | .023 | .023 | .024 | .021 | .022 | 19 | .027 | |
| 8 | .022 | .025 | .028 | BF | .017 | .015 | .017 | .017 | AZ | .029 | .029 | .031 | .032 | .034 | .033 | .027 | .025 | .024 | AI | .022 | .021 | AI | .027 | .030 | 20 | .034 | |
| 9 | .025 | .024 | .026 | BF | .016 | .012 | .011 | .016 | BA | .037 | .039 | .041 | .044 | .048 | .050 | .047 | .045 | .043 | .040 | .036 | .031 | .023 | .022 | .023 | 22 | .050 | |
| 10 | .018 | .015 | .011 | BF | .006 | .002 | .007 | .024 | .037 | .045 | .045 | .044 | .048 | .050 | .053 | .055 | .054 | .052 | .047 | .039 | .040 | .035 | .028 | .024 | 23 | .055 | |
| 11 | .022 | .020 | .018 | BF | .014 | .012 | .018 | .027 | .032 | .042 | .050 | .054 | .059 | .061 | .058 | .054 | .045 | .036 | .016 | .010 | .011 | .009 | .021 | .021 | 23 | .061 | |
| 12 | .019 | .013 | .011 | BF | .009 | .009 | .007 | .012 | .018 | .022 | .026 | .033 | .032 | .029 | .029 | .029 | .030 | .028 | .023 | .020 | .017 | .016 | .018 | .022 | 23 | .033 | |
| 13 | .018 | .018 | .018 | BF | .021 | .019 | .020 | .029 | .028 | .026 | .025 | .031 | .043 | .043 | .042 | .042 | .041 | .039 | .037 | .033 | .031 | .033 | .031 | .028 | 23 | .043 | |
| 14 | .026 | .023 | .019 | BF | .018 | .017 | .016 | .015 | .014 | .014 | .017 | .022 | .028 | .032 | .034 | .029 | .029 | .027 | .020 | .017 | .014 | .013 | .014 | .014 | 23 | .034 | |
| 15 | .009 | .007 | .006 | BF | .002 | .002 | .002 | .009 | .019 | .030 | .041 | .042 | .032 | .032 | .040 | .040 | .034 | .030 | .033 | .031 | .022 | .019 | .014 | .009 | 23 | .042 | |
| 16 | .006 | .007 | .006 | BF | .007 | .010 | .011 | .015 | .028 | .033 | .035 | .041 | .041 | .043 | .043 | .044 | .038 | .035 | .029 | .022 | .019 | .025 | .022 | 23 | .044 | | |
| 17 | .017 | .018 | .021 | BF | .012 | .008 | .009 | .018 | .030 | .042 | .043 | .045 | .048 | .047 | .042 | .041 | .035 | .036 | .033 | .028 | .026 | .024 | .018 | .016 | 23 | .048 | |
| 18 | .016 | .016 | .011 | BF | .005 | .006 | .005 | .011 | .019 | .038 | .047 | .042 | .041 | .040 | .037 | .036 | .038 | .040 | .040 | .032 | .030 | .033 | .035 | .033 | 23 | .047 | |
| 19 | .028 | .025 | .016 | BF | .011 | .010 | .010 | .020 | .032 | .043 | .051 | .057 | .060 | .064 | .068 | .061 | .055 | .051 | .048 | .033 | .021 | .022 | .024 | .024 | 23 | .068 | |
| 20 | .012 | .005 | .003 | BF | .001 | .001 | .004 | .020 | .030 | .043 | .050 | .053 | .055 | .056 | .058 | .059 | .062 | .054 | .049 | .040 | .033 | .028 | .027 | .023 | 23 | .062 | |
| 21 | .018 | .017 | .012 | BF | .003 | .002 | .003 | .015 | .028 | .044 | .049 | .047 | .048 | .044 | .042 | .046 | .045 | .046 | .042 | .034 | .028 | .022 | .016 | .018 | 23 | .049 | |
| 22 | .016 | .012 | .012 | BF | .005 | .002 | .004 | .009 | .022 | .033 | .040 | .039 | .038 | .039 | .039 | .036 | .037 | .038 | .039 | .031 | .024 | .021 | .020 | .019 | 23 | .040 | |
| 23 | .019 | .018 | .018 | BF | .014 | .009 | .009 | .018 | .029 | .042 | .054 | .060 | .060 | .056 | .051 | .049 | .049 | .040 | .036 | .038 | .038 | .036 | .037 | .035 | 23 | .060 | |
| 24 | .027 | .025 | .027 | BF | .024 | .024 | BA | BA | .031 | .037 | .047 | .049 | .051 | .051 | .051 | .049 | .047 | .048 | .045 | .039 | .033 | .029 | .028 | .027 | 21 | .051 | |
| 25 | .024 | .022 | .016 | BF | .009 | .004 | .009 | .020 | .030 | .044 | .049 | .049 | .049 | .049 | .050 | .049 | .050 | .049 | .046 | .040 | .038 | .038 | .035 | .032 | 23 | .050 | |
| 26 | .029 | .028 | .024 | BF | .017 | .021 | .025 | .038 | .048 | .052 | .051 | .053 | .049 | .048 | .048 | .048 | .049 | .048 | .047 | .044 | .041 | .038 | .037 | .037 | 23 | .053 | |
| 27 | .038 | .036 | .035 | BF | .034 | .029 | .026 | .031 | .040 | .046 | .049 | .049 | .048 | .048 | .048 | .049 | .050 | .048 | .045 | .043 | .043 | .040 | .035 | 23 | .050 | | |
| 28 | .034 | .033 | .035 | BF | .032 | .031 | .031 | .031 | .035 | .039 | .042 | .044 | .044 | .047 | .045 | .045 | .041 | .036 | .030 | .031 | .033 | .034 | .032 | 23 | .047 | | |
| 29 | .030 | .028 | .026 | BF | .024 | .023 | .023 | .022 | .026 | .033 | .026 | .024 | .024 | .028 | .033 | .030 | .041 | .041 | .036 | .027 | .025 | .028 | .027 | .025 | 23 | .041 | |
| 30 | .024 | .021 | .017 | BF | .025 | .025 | .022 | .023 | .024 | BA | BA | .038 | .045 | .055 | .056 | .046 | .045 | .047 | .047 | .040 | .032 | .030 | .029 | .024 | 21 | .056 | |
| 31 | .023 | .021 | .021 | BF | .021 | .014 | .011 | BA | BA | .037 | .045 | .047 | .047 | .046 | .044 | .038 | .032 | .033 | .029 | .023 | .019 | .017 | .020 | .017 | 21 | .047 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 29 | 27 | 27 | 29 | 31 | 30 | 31 | 31 | 31 | 30 | 30 | 29 | 30 | 30 | 29 | 30 | 30 | 30 | | | |
| MAX: | .038 | .042 | .042 | | .038 | .035 | .031 | .038 | .048 | .052 | .070 | .079 | .073 | .075 | .077 | .075 | .070 | .066 | .049 | .045 | .043 | .043 | .040 | .037 | | | |
| AVG: | .0222 | .0206 | .0188 | | .0148 | .0132 | .0132 | .0201 | .0289 | .0373 | .0433 | .0451 | .0469 | .0470 | .0470 | .0453 | .0439 | .0418 | .0386 | .0326 | .0287 | .0274 | .0265 | .0250 | | | |

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: .0318 MONTHLY MAX: .079

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .015 | .011 | .008 | BF | .009 | .008 | .006 | .005 | .009 | .019 | BA | AX | .024 | .022 | .025 | .024 | .023 | .023 | .024 | .025 | .026 | .026 | .024 | .023 | 21 | .026 |
| 2 | .023 | .021 | .021 | BF | .018 | .019 | .017 | .016 | .016 | .013 | .013 | .013 | .015 | .024 | .034 | .037 | .037 | .033 | .027 | .021 | .012 | .007 | .006 | .005 | 23 | .037 |
| 3 | .006 | .006 | .008 | BF | .010 | .012 | .013 | .015 | .021 | .027 | .031 | .034 | .040 | .043 | .043 | .043 | .044 | .043 | .037 | .028 | .021 | .010 | .004 | .001 | 23 | .044 |
| 4 | .001 | .001 | .001 | BF | .001 | .001 | .002 | .011 | .023 | .036 | .043 | .050 | .052 | .052 | .052 | .051 | .050 | .046 | .038 | .029 | .029 | .031 | .030 | .027 | 23 | .052 |
| 5 | .025 | .025 | .023 | BF | .018 | .014 | BA | AX | BA | AX | .045 | .044 | .043 | .039 | .038 | .037 | .039 | .036 | .032 | .027 | .041 | .039 | .033 | .030 | 19 | .045 |
| 6 | .031 | .028 | .027 | BF | .021 | .022 | BA | AX | BA | AX | .049 | .054 | .047 | .046 | .034 | .024 | .025 | .025 | .023 | .020 | .021 | .020 | .018 | .017 | 19 | .054 |
| 7 | .016 | .019 | .018 | BF | .013 | .015 | BA | .019 | .027 | .034 | .039 | .043 | .045 | .046 | .048 | .048 | .049 | .047 | .038 | .031 | .024 | .009 | .004 | .001 | 22 | .049 |
| 8 | .001 | .001 | .001 | BF | .001 | .001 | .002 | .010 | .024 | .029 | .034 | .037 | .038 | .038 | .040 | .041 | .042 | .041 | .035 | .028 | .022 | .015 | .006 | .006 | 23 | .042 |
| 9 | .006 | .008 | .009 | BF | .009 | .007 | .013 | .016 | .022 | .030 | .036 | .040 | .043 | .043 | .043 | .043 | .043 | .041 | .037 | .034 | .031 | .029 | .026 | 23 | .043 | |
| 10 | .023 | .023 | .022 | BF | .022 | .020 | .020 | .022 | .022 | .023 | .026 | .028 | .029 | .029 | .029 | .029 | .030 | .028 | .024 | .023 | .023 | .023 | .024 | .024 | 23 | .030 |
| 11 | .024 | .022 | .022 | BF | .022 | .023 | .023 | .023 | .024 | .025 | .025 | .025 | .025 | .027 | .030 | .029 | .028 | .027 | .028 | .028 | .029 | .030 | .030 | .030 | 23 | .030 |
| 12 | .030 | .030 | .029 | BF | .025 | .023 | .022 | .021 | .021 | .023 | .024 | .023 | .023 | .024 | .023 | .023 | .019 | .017 | .013 | .011 | .012 | .012 | .011 | .015 | 23 | .030 |
| 13 | .015 | .010 | .006 | BF | .005 | .006 | .005 | .011 | .020 | .027 | .035 | .040 | .042 | .043 | .041 | .039 | .035 | .038 | .030 | .024 | .021 | .020 | .023 | .024 | 23 | .043 |
| 14 | .022 | .020 | .021 | BF | .018 | .013 | .010 | .011 | .013 | .021 | .032 | .036 | .050 | .052 | .052 | .052 | .050 | .047 | .032 | .017 | .015 | .005 | .002 | .002 | 23 | .052 |
| 15 | .002 | .001 | .001 | BF | .010 | .008 | .006 | .013 | .021 | .034 | .045 | .049 | .049 | .051 | .049 | .047 | .044 | .040 | .031 | .020 | .018 | .009 | .006 | .008 | 23 | .051 |
| 16 | .011 | .013 | .012 | BF | .012 | .009 | .010 | .020 | .030 | .042 | .042 | .043 | .042 | .040 | .040 | .039 | .038 | .038 | .033 | .025 | .019 | .016 | .018 | .015 | 23 | .043 |
| 17 | .014 | .011 | .010 | BF | .011 | .009 | .011 | .017 | .023 | .028 | .032 | .038 | .038 | .038 | .040 | .040 | .039 | .037 | .031 | .027 | .024 | .020 | .016 | .015 | 23 | .040 |
| 18 | .013 | .014 | .015 | BF | .018 | .017 | .018 | .017 | .023 | .031 | .037 | .038 | .039 | .040 | .040 | .041 | .040 | .040 | .034 | .027 | .026 | .021 | .022 | .021 | 23 | .041 |
| 19 | .019 | .018 | .017 | BF | .017 | .019 | .017 | .016 | .020 | .025 | .028 | .027 | .027 | .032 | .032 | .037 | .044 | .040 | .033 | .031 | .029 | .017 | .010 | .010 | 23 | .044 |
| 20 | .007 | .011 | .006 | BF | .001 | .001 | .001 | .006 | .033 | .045 | .053 | .057 | .063 | .063 | .058 | .051 | .049 | .043 | .031 | .023 | .016 | .016 | .022 | .017 | 23 | .063 |
| 21 | .011 | .012 | .008 | BF | .011 | .014 | .009 | .019 | BA | .038 | .046 | .048 | .050 | .049 | .044 | .043 | .037 | .031 | .033 | .023 | .011 | .004 | .001 | .004 | 22 | .050 |
| 22 | .007 | .007 | .006 | BF | .001 | .001 | .002 | .009 | .030 | .041 | .046 | .047 | .048 | .050 | .052 | .053 | .055 | .055 | .043 | .026 | .018 | .011 | .019 | .024 | 23 | .055 |
| 23 | .019 | .020 | .013 | BF | .007 | .006 | .006 | .014 | .030 | .045 | .053 | .054 | .056 | .054 | .053 | .049 | .048 | .043 | .034 | .031 | .033 | .026 | .024 | .025 | 23 | .056 |
| 24 | .027 | .022 | .022 | BF | .016 | .015 | .013 | .021 | .029 | .037 | .046 | .048 | .050 | .052 | .053 | .055 | .053 | .053 | .050 | .044 | .042 | .041 | .040 | .037 | 23 | .055 |
| 25 | .034 | .033 | .035 | BF | .031 | .026 | .022 | .026 | .036 | .037 | .037 | .039 | .039 | .038 | .035 | .034 | .032 | .030 | .026 | .025 | .026 | .024 | .023 | .022 | 23 | .039 |
| 26 | .020 | .019 | .017 | BF | .015 | .014 | .011 | .011 | .012 | .013 | .015 | .017 | .018 | .020 | .023 | .024 | .025 | .023 | .020 | .021 | .022 | .021 | .020 | .019 | 23 | .025 |
| 27 | .018 | .017 | .016 | BF | .012 | .012 | .013 | .017 | .019 | .023 | .026 | .026 | .028 | .038 | .039 | .037 | .036 | .034 | .027 | .022 | .024 | .025 | .025 | .022 | 23 | .039 |
| 28 | .022 | .029 | .028 | BF | .029 | .028 | .032 | .032 | .043 | .052 | .064 | .072 | .075 | .079 | .081 | .069 | .064 | .061 | .053 | .051 | .049 | .046 | .044 | .043 | 23 | .081 |
| 29 | .042 | .040 | .040 | BF | .038 | .036 | .032 | .031 | .030 | .031 | .031 | .032 | .036 | .037 | .037 | .039 | .038 | .036 | .032 | .027 | .022 | .017 | .015 | .013 | 23 | .042 |
| 30 | .006 | .006 | .004 | BF | .007 | .006 | .010 | .025 | .033 | .038 | .041 | .044 | .045 | .046 | .043 | .042 | .039 | .038 | .035 | .035 | .033 | .031 | .030 | .028 | 23 | .046 |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 27 | 28 | 27 | 28 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | |
| MAX: | .042 | .040 | .040 | | .038 | .036 | .032 | .032 | .043 | .052 | .064 | .072 | .075 | .079 | .081 | .069 | .064 | .061 | .053 | .051 | .049 | .046 | .044 | .043 | | |
| AVG: | .0170 | .0166 | .0155 | | .0143 | .0135 | .0128 | .0169 | .0242 | .0310 | .0370 | .0395 | .0406 | .0418 | .0417 | .0407 | .0398 | .0379 | .0323 | .0269 | .0247 | .0207 | .0193 | .0185 | | |

MONTHLY OBSERVATIONS: 678 MONTHLY MEAN: .0272 MONTHLY MAX: .081

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
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 AQCR: (166) EASTERN PIEDMONT
 URBANIZED AREA: (6639) RALEIGH, NC
 LAND USE: RESIDENTIAL
 LOCATION SETTING: SUBURBAN

CAS NUMBER: 10028-15-6
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 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .027 | .025 | .023 | BF | .022 | .021 | .021 | .022 | .025 | .028 | .032 | .037 | .038 | .039 | .041 | .042 | .041 | .039 | .034 | .028 | .026 | .023 | .023 | .022 | 23 | .042 |
| 2 | .020 | .018 | .016 | BF | .012 | .007 | .004 | .014 | .025 | .035 | .040 | .041 | .042 | .044 | .045 | .045 | .043 | .038 | .033 | .034 | .031 | .031 | .029 | .027 | 23 | .045 |
| 3 | .027 | .025 | .023 | BF | .019 | .015 | .011 | .019 | .031 | .042 | .045 | .048 | .048 | .048 | .051 | .050 | .048 | .044 | .040 | .033 | .033 | .036 | .033 | .033 | 23 | .051 |
| 4 | .029 | .024 | .021 | BF | .014 | .013 | .008 | .012 | .022 | .034 | .040 | .044 | .048 | .050 | .052 | .050 | .046 | .035 | .028 | .022 | .019 | .017 | .020 | .016 | 23 | .052 |
| 5 | .012 | .006 | .004 | BF | .001 | .001 | .001 | .003 | .011 | .028 | .037 | .049 | .052 | .050 | .050 | .048 | .046 | .038 | .022 | .020 | .016 | .016 | .013 | .013 | 23 | .052 |
| 6 | .010 | .009 | .008 | BF | .001 | .001 | .001 | .004 | .011 | .019 | .033 | .045 | .048 | .050 | .050 | .049 | .047 | .035 | .018 | .014 | .011 | .012 | .011 | .013 | 23 | .050 |
| 7 | .012 | .010 | .009 | BF | .003 | .002 | .002 | .006 | .012 | .018 | .025 | .029 | .029 | .030 | .027 | .019 | .016 | .014 | .012 | .011 | .011 | .013 | .013 | .012 | 23 | .030 |
| 8 | .013 | .013 | .012 | BF | .008 | .008 | .005 | .005 | .010 | .010 | .013 | .016 | .013 | .013 | .014 | .013 | .011 | .009 | .008 | .008 | .009 | .010 | .011 | .012 | 23 | .016 |
| 9 | .012 | .012 | .013 | BF | .013 | .013 | .012 | .012 | .012 | .014 | .018 | .020 | .024 | .026 | .026 | .024 | .022 | .020 | .016 | .014 | .011 | .010 | .009 | .010 | 23 | .026 |
| 10 | .011 | .012 | .012 | BF | .008 | .006 | .004 | .005 | .010 | .017 | .022 | .027 | .032 | .034 | .023 | .022 | .020 | .016 | .013 | .011 | .011 | .014 | .011 | .011 | 23 | .034 |
| 11 | .011 | .010 | .012 | BF | .013 | .010 | .008 | .008 | .013 | .015 | .020 | .024 | .027 | .029 | .028 | .028 | .026 | .028 | .029 | .023 | .017 | .014 | .012 | .009 | 23 | .029 |
| 12 | .008 | .007 | .006 | BF | .002 | .001 | .004 | .006 | .010 | .016 | .021 | .024 | .026 | .030 | .030 | .029 | .030 | .027 | .022 | .022 | .024 | .024 | .025 | .026 | 23 | .030 |
| 13 | .025 | .025 | .025 | BF | .023 | .023 | .023 | .022 | .023 | .025 | .029 | .029 | .028 | .029 | .028 | .029 | .028 | .026 | .025 | .023 | .019 | .018 | .018 | .017 | 23 | .029 |
| 14 | .019 | .022 | .023 | BF | .028 | .026 | .026 | .025 | .025 | .024 | .024 | .025 | .026 | .029 | .032 | .033 | .031 | .022 | .011 | .009 | .012 | .010 | .009 | .009 | 23 | .033 |
| 15 | .005 | .003 | .004 | BF | .015 | .016 | .014 | .013 | .015 | .019 | .024 | .030 | .032 | .033 | .033 | .032 | .029 | .024 | .027 | .028 | .027 | .027 | .024 | .022 | 23 | .033 |
| 16 | .021 | .020 | .019 | BF | .013 | .007 | .003 | .021 | .025 | .021 | .019 | .018 | .016 | .017 | .019 | .020 | .019 | .017 | .012 | .021 | .020 | .019 | .021 | .023 | 23 | .025 |
| 17 | .025 | .025 | .023 | BF | .021 | .019 | .017 | .019 | .024 | .027 | .030 | .034 | .036 | .037 | .038 | .038 | .038 | .032 | .019 | .017 | .012 | .005 | .004 | .005 | 23 | .038 |
| 18 | .006 | .003 | .003 | BF | .001 | .001 | .001 | .004 | .019 | .028 | .037 | .040 | .040 | .041 | .041 | .042 | .042 | .030 | .011 | .015 | .003 | .001 | .001 | .001 | 23 | .042 |
| 19 | .001 | .003 | .002 | BF | .001 | .001 | .001 | .004 | .011 | .026 | .032 | BA | .042 | .045 | .051 | .050 | .047 | .029 | .004 | .002 | .001 | .001 | .001 | .001 | 22 | .051 |
| 20 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .003 | .016 | .032 | .035 | .049 | .054 | .055 | .057 | .057 | .054 | .034 | .027 | .017 | .011 | .002 | .001 | .001 | 23 | .057 |
| 21 | .001 | .001 | .001 | BF | .002 | .001 | .001 | .008 | .021 | .033 | .044 | .056 | .060 | .059 | .057 | .056 | .046 | .030 | .021 | .033 | .036 | .013 | .005 | .007 | 23 | .060 |
| 22 | .004 | .008 | .013 | BF | .001 | .001 | .002 | .005 | .023 | .049 | .054 | .057 | .055 | .054 | .054 | .052 | .049 | .038 | .026 | .036 | .033 | .034 | .032 | .030 | 23 | .057 |
| 23 | .029 | .029 | .028 | BF | .023 | .024 | .023 | .021 | .024 | .029 | .031 | .039 | .043 | .042 | .043 | .041 | .038 | .035 | .033 | .031 | .028 | .027 | .040 | .037 | 23 | .043 |
| 24 | .035 | .032 | .030 | BF | .026 | .022 | .017 | .016 | .020 | .024 | .028 | .032 | .035 | .037 | .039 | .040 | .035 | .021 | .009 | .002 | .005 | .014 | .024 | .026 | 23 | .040 |
| 25 | .027 | .029 | .028 | BF | .027 | .025 | .022 | .025 | .028 | .033 | .037 | .040 | .041 | .043 | .044 | .045 | .043 | .034 | .026 | .026 | .027 | .027 | .025 | .026 | 23 | .045 |
| 26 | .026 | .025 | .024 | BF | .022 | .018 | .013 | .018 | .025 | .028 | .031 | .034 | .038 | .041 | .043 | .043 | .041 | .028 | .005 | .002 | .001 | .001 | .001 | .001 | 23 | .043 |
| 27 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .002 | .009 | .019 | .036 | .042 | .047 | .051 | .053 | .050 | .046 | .031 | .027 | .030 | .036 | .040 | .036 | .028 | 23 | .053 |
| 28 | .023 | .017 | .016 | BF | .008 | .007 | .007 | .008 | .022 | .030 | .035 | .040 | .044 | .044 | .043 | .043 | .039 | .028 | .023 | .022 | .024 | .024 | .023 | .021 | 23 | .044 |
| 29 | .022 | .029 | .028 | BF | .022 | .020 | .021 | .021 | .021 | .021 | .020 | .020 | .023 | .023 | .025 | .018 | .018 | .018 | .019 | .021 | .020 | .020 | .020 | .020 | 23 | .029 |
| 30 | .020 | .021 | .021 | BF | .020 | .017 | .016 | .018 | .022 | .025 | .029 | .029 | .032 | .036 | .036 | .036 | .031 | .013 | .008 | .004 | .012 | .013 | .015 | .012 | 23 | .036 |
| 31 | .008 | .009 | .008 | BF | .007 | .004 | .001 | .003 | .014 | .021 | .031 | .038 | .043 | .047 | .050 | .050 | .043 | .017 | .015 | .005 | .007 | .012 | .006 | .003 | 23 | .050 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .035 | .032 | .030 | | .028 | .026 | .026 | .025 | .031 | .049 | .054 | .057 | .060 | .059 | .057 | .057 | .054 | .044 | .041 | .040 | .036 | .040 | .040 | .037 | | |
| AVG: | .0158 | .0153 | .0147 | | .0122 | .0107 | .0094 | .0120 | .0187 | .0255 | .0307 | .0352 | .0375 | .0389 | .0395 | .0385 | .0359 | .0274 | .0201 | .0191 | .0178 | .0169 | .0167 | .0159 | | |

MONTHLY OBSERVATIONS: 712 MONTHLY MEAN: .0228 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone
 SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .005 | .010 | .012 | .021 | .034 | .051 | .055 | .055 | .054 | .041 | .013 | .013 | .010 | .019 | .020 | .019 | .021 | 23 | .055 | |
| 2 | .023 | .016 | .014 | BF | .008 | .002 | .001 | .002 | .006 | .022 | .031 | .036 | .039 | .041 | .044 | .038 | .032 | .012 | .009 | .006 | .004 | .001 | .001 | .001 | 23 | .044 | |
| 3 | .001 | .000 | .001 | BF | .000 | .000 | .000 | .001 | .004 | .027 | .035 | .045 | .048 | .050 | .047 | .040 | .016 | .008 | .002 | .001 | .001 | .001 | .001 | .001 | 23 | .050 | |
| 4 | .007 | .012 | .019 | BF | .025 | .023 | .021 | .020 | .019 | .018 | .017 | .018 | .020 | .022 | .024 | .024 | .022 | .020 | .019 | .019 | .018 | .019 | .020 | .019 | 23 | .025 | |
| 5 | .019 | .018 | .019 | BF | .014 | .009 | .008 | .007 | .007 | .008 | .009 | .012 | .021 | .026 | .027 | .027 | .024 | .013 | .014 | .007 | .003 | .001 | .001 | .001 | 23 | .027 | |
| 6 | .004 | .003 | .006 | BF | .002 | .001 | .001 | .001 | .003 | .009 | .020 | .033 | .037 | .034 | .027 | .031 | .030 | .025 | .021 | .013 | .004 | .003 | .001 | .001 | 23 | .037 | |
| 7 | .001 | .002 | .002 | BF | .010 | .012 | .013 | .013 | .013 | .015 | .015 | .016 | .009 | .014 | .012 | .007 | .006 | .006 | .008 | .008 | .011 | .011 | .011 | .012 | 23 | .016 | |
| 8 | .014 | .012 | .011 | BF | .012 | .014 | .015 | .016 | .018 | .020 | .020 | .019 | .017 | .014 | .013 | .013 | .011 | .010 | .010 | .010 | .011 | .010 | .009 | .009 | 23 | .020 | |
| 9 | .009 | .010 | .009 | BF | .009 | .009 | .008 | .007 | .007 | .008 | .009 | .009 | .010 | .010 | .009 | .008 | .008 | .008 | .010 | .010 | .012 | .011 | .011 | .011 | 23 | .012 | |
| 10 | .012 | .013 | .012 | BF | .012 | .014 | .010 | .010 | .017 | .027 | .031 | .035 | .036 | .038 | .038 | .039 | .036 | .030 | .031 | .033 | .034 | .034 | .033 | .033 | 23 | .039 | |
| 11 | .032 | .032 | .032 | BF | .030 | .030 | .029 | .030 | .031 | .033 | .035 | .037 | .038 | .040 | .042 | .042 | .040 | .035 | .027 | .027 | .025 | .020 | .019 | .017 | 23 | .042 | |
| 12 | .018 | .015 | .014 | BF | .014 | .013 | .012 | .015 | .019 | .028 | .032 | .035 | .038 | .038 | .037 | .031 | .030 | .028 | .022 | .022 | .022 | .020 | .017 | .015 | 23 | .038 | |
| 13 | .018 | .019 | .021 | BF | .021 | .021 | .020 | .018 | .021 | .019 | .027 | .027 | .029 | .031 | .029 | .032 | .030 | .023 | .019 | .018 | .018 | .018 | .017 | .018 | 23 | .032 | |
| 14 | .019 | .021 | .019 | BF | .015 | .015 | .015 | .016 | .023 | .026 | .027 | .032 | .037 | .036 | .036 | .035 | .032 | .031 | .030 | .032 | .029 | .030 | .029 | .028 | 23 | .037 | |
| 15 | .030 | .028 | .025 | BF | .020 | .018 | .017 | .013 | .018 | .027 | .032 | .034 | .038 | .039 | .041 | .041 | .038 | .024 | .014 | .018 | .010 | .002 | .001 | .002 | 23 | .041 | |
| 16 | .003 | .002 | .001 | BF | .001 | .001 | .003 | .014 | .017 | .021 | .028 | .032 | .037 | .039 | .037 | .037 | .013 | .002 | .002 | .003 | .020 | .027 | .029 | 23 | .039 | | |
| 17 | .030 | .029 | .027 | BF | .024 | .022 | .018 | .012 | .019 | .022 | .023 | .025 | BA | .030 | .031 | .031 | .022 | .005 | .002 | .002 | .002 | .001 | .001 | .001 | 22 | .031 | |
| 18 | .001 | .001 | .001 | BF | .001 | .002 | .005 | .009 | .015 | .023 | .032 | .038 | .044 | .046 | .045 | .044 | .042 | .035 | .031 | .033 | .032 | .037 | .038 | .039 | 23 | .046 | |
| 19 | .041 | .043 | .043 | BF | .036 | .031 | .019 | .017 | .021 | .025 | .029 | .030 | .029 | .030 | .029 | .028 | .030 | .030 | .030 | .030 | .028 | .028 | .024 | 23 | .043 | | |
| 20 | .017 | .017 | .017 | BF | .014 | .012 | .007 | .010 | .020 | .028 | .031 | .035 | .037 | .038 | .039 | .037 | .026 | .009 | .003 | .002 | .001 | .002 | .002 | .001 | 23 | .039 | |
| 21 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .003 | .006 | .007 | .011 | .022 | .030 | .033 | .036 | .036 | .032 | .024 | .017 | .016 | .017 | .010 | .006 | .011 | 23 | .036 | |
| 22 | .009 | .002 | .006 | BF | .019 | .016 | .014 | .013 | .022 | .026 | .034 | .043 | .044 | .044 | .044 | .044 | .038 | .033 | .032 | .035 | .036 | .035 | .033 | .030 | 23 | .044 | |
| 23 | .028 | .028 | .027 | BF | .023 | .021 | .020 | .020 | .023 | .026 | .027 | .029 | .030 | .031 | .032 | .031 | .027 | .018 | .014 | .010 | .011 | .005 | .001 | .001 | 23 | .032 | |
| 24 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .001 | .008 | .021 | .027 | .036 | .038 | .040 | .041 | .041 | .035 | .013 | .008 | .016 | .001 | .002 | .002 | .001 | 23 | .041 | |
| 25 | .002 | .001 | .001 | BF | .001 | .001 | .001 | .001 | .006 | .023 | .036 | .042 | .044 | .045 | .044 | .043 | .036 | .033 | .029 | .027 | .032 | .034 | .034 | .031 | 23 | .045 | |
| 26 | .035 | .037 | .036 | BF | .035 | .031 | .023 | .026 | .030 | .031 | .038 | .041 | .043 | .044 | .045 | .045 | .041 | .036 | .028 | .019 | .007 | .002 | .001 | .002 | 23 | .045 | |
| 27 | .002 | .001 | .005 | BF | .001 | .010 | .005 | .002 | .007 | .027 | .034 | .038 | .040 | .044 | .045 | .042 | .029 | .006 | .005 | .002 | .002 | .002 | .002 | .002 | 23 | .045 | |
| 28 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .001 | .004 | AZ | AZ | AZ | AZ | AZ | AZ | .044 | .039 | .010 | .004 | .001 | .002 | .002 | .002 | .002 | 17 | .044 | |
| 29 | .001 | .002 | .001 | BF | .001 | .001 | .001 | .002 | .011 | .030 | .039 | .046 | .049 | .053 | .055 | .050 | .039 | .002 | .002 | .002 | .002 | .002 | .002 | .001 | 23 | .055 | |
| 30 | .002 | .001 | .001 | BF | .002 | .009 | .005 | .007 | .009 | .023 | .031 | .041 | .051 | .055 | .052 | .045 | .027 | .014 | .002 | .002 | .001 | .002 | .001 | .002 | 23 | .055 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | | 30 | 30 | 30 | 30 | 30 | 29 | 29 | 29 | 28 | 29 | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .041 | .043 | .043 | | .036 | .031 | .029 | .030 | .031 | .033 | .039 | .046 | .051 | .055 | .055 | .054 | .042 | .036 | .032 | .035 | .036 | .037 | .038 | .039 | | | |
| AVG: | .0127 | .0123 | .0125 | | .0118 | .0114 | .0098 | .0104 | .0145 | .0218 | .0269 | .0317 | .0351 | .0366 | .0366 | .0356 | .0306 | .0192 | .0154 | .0145 | .0132 | .0128 | .0123 | .0122 | | | |

MONTHLY OBSERVATIONS: 683 MONTHLY MEAN: .0194 MONTHLY MAX: .055

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-183-0014 POC: 1
 COUNTY: (183) Wake
 CITY: (55000) Raleigh
 SITE ADDRESS: 3801 SPRING FOREST RD.
 SITE COMMENTS: PROGRESS ENERGY METER NO. ACDB68089G35
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.856111
 LONGITUDE: -78.574167
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 100
 PROBE HEIGHT: 4

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SLAMS
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: DECEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .001 | .001 | .001 | BF | .001 | .001 | .001 | .001 | .010 | .031 | .038 | .040 | .043 | .044 | .045 | .046 | .042 | .034 | .032 | .026 | .029 | .032 | .030 | .028 | 23 | .046 |
| 2 | .027 | .025 | .024 | BF | .023 | .022 | .022 | .021 | .021 | .023 | .024 | .025 | .022 | .022 | .022 | .021 | .017 | .013 | .016 | .017 | .016 | .015 | .015 | .015 | 23 | .027 |
| 3 | .015 | .014 | .013 | BF | .012 | .011 | .009 | .004 | .009 | .017 | .027 | .033 | .039 | .042 | .043 | .043 | .042 | .036 | .033 | .017 | .030 | .025 | .025 | .019 | 23 | .043 |
| 4 | .015 | .012 | .006 | BF | .004 | .004 | .001 | .001 | .007 | .015 | .024 | .034 | .040 | .040 | .042 | .043 | .034 | .018 | .002 | .012 | .003 | .002 | .013 | .020 | 23 | .043 |
| 5 | .014 | .017 | .006 | BF | .001 | .001 | .001 | .003 | .004 | .007 | .014 | .025 | .030 | .037 | .038 | .037 | .036 | .028 | .018 | .024 | .034 | .033 | .032 | .030 | 23 | .038 |
| 6 | .031 | .028 | .025 | BF | .015 | .015 | .019 | .017 | .019 | .018 | .026 | .028 | .029 | .031 | .030 | .028 | .032 | .030 | .028 | .027 | .017 | .011 | .006 | .005 | 23 | .032 |
| 7 | .011 | .018 | .021 | BF | .015 | .014 | .013 | .017 | .021 | .023 | .027 | .028 | .031 | .031 | .030 | .028 | .024 | .013 | .002 | .004 | .004 | .004 | .003 | .010 | 23 | .031 |
| 8 | .008 | .009 | .018 | BF | .021 | .021 | .019 | .015 | .015 | .018 | .019 | .018 | .022 | .026 | .027 | .027 | .023 | .022 | .024 | .023 | .023 | .022 | .022 | .021 | 23 | .027 |
| 9 | .020 | .018 | .018 | BF | .028 | .030 | .030 | .031 | .032 | .030 | .030 | .031 | .031 | .029 | .027 | .027 | .026 | .024 | .018 | .017 | .023 | .024 | .020 | .014 | 23 | .032 |
| 10 | .018 | .020 | .023 | BF | .023 | .022 | .022 | AE | AE | AE | .026 | .028 | .030 | .031 | .032 | .032 | .030 | .013 | .004 | .002 | .002 | .003 | .003 | .003 | 20 | .032 |
| 11 | .002 | .001 | .002 | BF | .002 | .001 | AE | AE | AE | AE | .023 | .033 | .036 | .036 | .035 | .034 | .028 | .014 | .012 | .015 | .018 | .017 | .019 | .022 | 19 | .036 |
| 12 | .022 | .024 | .024 | BF | .023 | .022 | .015 | .011 | .012 | .015 | .021 | .025 | .026 | .027 | .035 | .033 | .031 | .029 | .024 | .024 | .031 | .034 | .035 | .035 | 23 | .035 |
| 13 | .035 | .035 | .034 | BF | .028 | .018 | .006 | .004 | .018 | .029 | .034 | BA | .037 | .037 | .037 | .037 | .031 | .020 | .016 | .025 | .029 | .031 | .031 | .030 | 22 | .037 |
| 14 | .030 | .031 | .031 | BF | .029 | .027 | .024 | .021 | .023 | .028 | .029 | .033 | .037 | .037 | .037 | .037 | .034 | .016 | .007 | .005 | .012 | .015 | .017 | .021 | 23 | .037 |
| 15 | .020 | .018 | .017 | BF | .021 | .022 | .021 | .019 | .018 | .022 | .023 | .023 | .024 | .024 | .022 | .021 | .019 | .016 | .011 | .006 | .002 | .008 | .014 | .018 | 23 | .024 |
| 16 | .022 | .022 | .014 | BF | .005 | .009 | .010 | .006 | .014 | .022 | .025 | .030 | .033 | .033 | .034 | .035 | .029 | .018 | .007 | .003 | .002 | .003 | .002 | .002 | 23 | .035 |
| 17 | .002 | .001 | .001 | BF | .001 | .001 | .001 | .001 | .003 | .007 | .015 | .017 | .025 | .028 | .029 | .027 | .024 | .021 | .008 | .006 | .014 | .013 | .015 | .018 | 23 | .029 |
| 18 | .016 | .016 | .014 | BF | .002 | .001 | .001 | .001 | .001 | .004 | .015 | .032 | .036 | .040 | .040 | .039 | .029 | .009 | .002 | .001 | .001 | .001 | .001 | .001 | 23 | .040 |
| 19 | .001 | .001 | .006 | AN | .004 | .001 | .001 | .001 | AZ | .010 | .022 | .026 | .028 | .031 | .036 | .038 | .030 | .011 | .018 | .023 | .024 | .030 | .026 | .031 | 22 | .038 |
| 20 | .029 | .029 | .030 | AN | .020 | .013 | .009 | .004 | .002 | .012 | .003 | BA | .005 | BA | .013 | .016 | .014 | .018 | .015 | .009 | .009 | .009 | .009 | .013 | 21 | .030 |
| 21 | .020 | .022 | .022 | BF | .019 | .017 | .015 | .013 | .016 | .022 | .028 | .032 | .034 | .034 | .036 | .036 | .032 | .022 | .004 | .004 | .014 | .005 | .001 | .010 | 23 | .036 |
| 22 | .020 | .020 | .020 | BF | .014 | .013 | .012 | .010 | .006 | .012 | .016 | .018 | .020 | .024 | .035 | .036 | .027 | .014 | .008 | .011 | .016 | .015 | .010 | .014 | 23 | .036 |
| 23 | .018 | .017 | .017 | BF | .021 | .019 | .020 | .016 | .015 | .022 | .021 | .022 | .023 | .026 | .028 | .027 | .026 | .026 | .025 | .027 | .025 | .024 | .024 | .024 | 23 | .028 |
| 24 | .026 | .026 | .028 | BF | .024 | .022 | .024 | .027 | .025 | .025 | .025 | .025 | .025 | .025 | .025 | .023 | .023 | .022 | .020 | .020 | .020 | .019 | .016 | .013 | 23 | .028 |
| 25 | .012 | .013 | .016 | BF | .023 | .025 | .029 | .032 | .033 | .031 | .032 | .035 | .036 | .037 | .037 | .037 | .037 | .036 | .033 | .027 | .030 | .032 | .031 | 23 | .037 | |
| 26 | .029 | .030 | .031 | BF | .032 | .033 | .032 | .025 | .026 | .032 | .033 | .036 | .036 | .035 | .036 | .037 | .035 | .026 | .003 | .009 | .002 | .007 | .002 | .006 | 23 | .037 |
| 27 | .003 | .006 | .011 | BF | .011 | .013 | .018 | .021 | .023 | .021 | .027 | .030 | .029 | .033 | .036 | .036 | .033 | .028 | .033 | .033 | .034 | .033 | .030 | 23 | .036 | |
| 28 | .027 | .026 | .025 | BF | .028 | .030 | .030 | AE | AE | AE | .034 | .036 | .038 | .038 | .038 | .038 | .037 | .034 | .030 | .029 | .025 | .022 | .020 | .021 | 20 | .038 |
| 29 | .022 | .020 | .019 | BF | .014 | .016 | .010 | .002 | .008 | .019 | .024 | .029 | .029 | .030 | .032 | .032 | .031 | .018 | .007 | .003 | .005 | .005 | .004 | .005 | 23 | .032 |
| 30 | .004 | .005 | .009 | BF | .008 | .010 | .009 | .011 | .017 | .021 | .025 | .031 | .035 | .036 | .037 | .039 | .036 | .031 | .011 | .017 | .027 | .028 | .028 | .025 | 23 | .039 |
| 31 | .026 | .025 | .028 | BF | .033 | .036 | .036 | .037 | .036 | .036 | .036 | .035 | .035 | .036 | .036 | .036 | .035 | .035 | .036 | .036 | .036 | .036 | .036 | .037 | 23 | .037 |
| NO.: | 31 | 31 | 31 | | 31 | 31 | 30 | 28 | 27 | 28 | 31 | 29 | 31 | 30 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .035 | .035 | .034 | | .033 | .036 | .036 | .037 | .036 | .036 | .038 | .040 | .043 | .044 | .045 | .046 | .042 | .037 | .036 | .036 | .036 | .036 | .036 | .037 | | |
| AVG: | .0176 | .0177 | .0179 | | .0163 | .0158 | .0153 | .0133 | .0161 | .0204 | .0247 | .0289 | .0305 | .0327 | .0332 | .0331 | .0299 | .0225 | .0165 | .0164 | .0178 | .0180 | .0175 | .0185 | | |

MONTHLY OBSERVATIONS: 699 MONTHLY MEAN: .0214 MONTHLY MAX: .046

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-199-0004 POC: 1
 COUNTY: (199) Yancey
 CITY: (00000) Not in a city
 SITE ADDRESS: 2388 State Highway 128
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.765413
 LONGITUDE: -82.264944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 2023
 PROBE HEIGHT: 7

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MARCH 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .038 | .037 | .037 | .038 | .039 | .042 | .044 | .038 | .036 | .036 | .036 | .036 | BF | AN | AN | 12 | .044 |
| 2 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 3 | AN | BC | BC | BF | .046 | .046 | .047 | .047 | .047 | .046 | .046 | .047 | .046 | .046 | .047 | .047 | 11 | .047 |
| 4 | .047 | .047 | .052 | .054 | .049 | .050 | .053 | .054 | .054 | .053 | .052 | .053 | BF | .051 | .052 | .053 | .055 | .055 | .054 | .054 | .056 | .056 | .056 | .056 | .056 | 23 | .056 |
| 5 | .055 | .054 | .053 | .054 | .054 | .054 | .055 | .055 | .056 | .055 | .055 | .055 | BF | .057 | .057 | .053 | .054 | .052 | .054 | .056 | .059 | .060 | .058 | .056 | .056 | 23 | .060 |
| 6 | .056 | .057 | .057 | .056 | .054 | .055 | .053 | .050 | .049 | .050 | .050 | .049 | BF | .050 | .051 | .050 | .046 | .046 | .048 | .048 | .049 | .048 | .048 | .049 | .049 | 23 | .057 |
| 7 | .049 | .048 | .046 | .046 | .049 | .051 | .050 | .048 | .047 | .048 | .048 | .047 | BF | .045 | .044 | .045 | .045 | .044 | .045 | .046 | .047 | .046 | .045 | .044 | .044 | 23 | .051 |
| 8 | .044 | .044 | .039 | .044 | .049 | .049 | .049 | .050 | .052 | .053 | .053 | .053 | BF | .052 | .053 | .054 | .053 | .053 | .053 | .054 | .053 | .053 | .053 | .053 | .052 | 23 | .054 |
| 9 | .052 | .053 | .053 | .054 | .054 | .055 | .054 | .054 | .054 | .054 | .054 | .055 | BF | .055 | .055 | .056 | .056 | .056 | .055 | .057 | .056 | .055 | .055 | .055 | .054 | 23 | .057 |
| 10 | .054 | .054 | .052 | .050 | .048 | .044 | .049 | .050 | .050 | .048 | .047 | .047 | BF | .047 | .048 | .048 | .049 | .049 | .049 | .049 | .050 | .049 | .049 | .048 | .048 | 23 | .054 |
| 11 | .048 | .048 | .049 | .047 | .046 | .045 | .045 | .046 | .047 | .047 | .047 | .045 | BF | .050 | .051 | .049 | .048 | .047 | .049 | .051 | .050 | .048 | .043 | .041 | .041 | 23 | .051 |
| 12 | .042 | .043 | .041 | .043 | .045 | .044 | .049 | .052 | .051 | .054 | .051 | .049 | BF | .047 | .047 | .047 | .047 | .047 | .048 | .048 | .054 | .053 | .053 | .052 | .052 | 23 | .054 |
| 13 | .053 | .052 | .050 | .049 | .048 | .047 | .049 | .049 | .049 | .049 | .049 | .049 | BF | .046 | .044 | .042 | .042 | .041 | .041 | .042 | .042 | .043 | .039 | .040 | .040 | 23 | .053 |
| 14 | .042 | .042 | .041 | .040 | .042 | .041 | AE | AE | AE | AE | AE | .035 | BF | .038 | .040 | AE | .041 | AE | AE | 10 | .042 |
| 15 | AE | .043 | AE | AE | AE | BF | AE | AE | 1 | .043 |
| 16 | AE | .052 | .051 | .052 | BF | .054 | .053 | .053 | .054 | .054 | .053 | .053 | .052 | .052 | .055 | .059 | 14 | .059 | |
| 17 | .071 | .071 | .068 | .068 | .059 | .067 | .055 | .052 | .049 | .049 | .048 | .048 | BF | .050 | .050 | .051 | .049 | .048 | .049 | .050 | .049 | .048 | .048 | .048 | .048 | 23 | .071 |
| 18 | .050 | .049 | .050 | .051 | .051 | .053 | .051 | .047 | .046 | .045 | .046 | .047 | BF | .047 | .048 | .049 | .050 | .052 | .052 | .053 | .050 | .047 | .043 | .040 | .040 | 23 | .053 |
| 19 | .040 | .039 | .038 | .038 | .036 | .036 | .037 | .035 | .033 | .034 | .033 | .033 | BF | .037 | .038 | .040 | .040 | .047 | .062 | .062 | .064 | .062 | .056 | .054 | .054 | 23 | .064 |
| 20 | .054 | .056 | .054 | .057 | .050 | .054 | .059 | .062 | .060 | .058 | .056 | .054 | BF | .050 | .048 | .046 | .045 | .045 | .044 | .043 | .043 | .044 | .046 | AE | AE | 22 | .062 |
| 21 | AE | .044 | .043 | .044 | BF | .050 | .050 | .051 | .050 | .051 | .053 | .053 | .053 | .052 | .049 | .049 | .049 | 14 | .053 |
| 22 | .052 | .051 | .050 | .049 | .046 | .047 | .046 | .045 | .044 | .047 | .050 | .055 | BF | .056 | .056 | .055 | .055 | .054 | .056 | .054 | .053 | .053 | .055 | .053 | .053 | 23 | .056 |
| 23 | .053 | .052 | .051 | .051 | .050 | .050 | .051 | .051 | .049 | .050 | .051 | .051 | BF | .054 | .054 | .055 | .055 | .054 | .053 | .053 | .053 | .054 | .053 | .050 | .050 | 23 | .055 |
| 24 | .049 | .049 | .050 | .049 | .048 | .049 | .050 | .050 | .050 | .050 | .049 | .050 | BF | .051 | .050 | .048 | .047 | .049 | .049 | .048 | .048 | .048 | .047 | .046 | .046 | 23 | .051 |
| 25 | .046 | .049 | .048 | .049 | .048 | .047 | .047 | .046 | .046 | .044 | .046 | .046 | BF | .046 | .045 | .045 | .044 | .043 | .041 | .041 | .040 | .040 | .041 | .041 | .041 | 23 | .049 |
| 26 | .039 | .037 | .037 | .037 | .037 | .038 | .040 | .041 | .041 | .046 | .050 | .047 | BF | AS | AS | 12 | .050 |
| 27 | AS | BC | BC | BC | BC | .043 | .040 | .044 | .041 | .041 | .041 | .042 | .043 | .043 | .041 | .046 | .046 | 11 | .046 |
| 28 | .053 | .058 | .057 | .053 | .053 | .051 | .050 | .049 | .050 | .050 | .049 | .048 | BF | .051 | .052 | .051 | .050 | .051 | .052 | .051 | .051 | .051 | .050 | .049 | .049 | 23 | .058 |
| 29 | .051 | .053 | .054 | .058 | .061 | .062 | .062 | .059 | .054 | .051 | .048 | .050 | BF | .056 | .058 | .058 | .055 | .049 | .050 | .053 | .056 | .059 | .058 | .052 | .052 | 23 | .062 |
| 30 | .050 | .048 | .045 | .045 | .043 | .044 | .046 | .045 | .038 | .035 | .035 | .037 | BF | .039 | .035 | .035 | .041 | .039 | .037 | .040 | .035 | .035 | .037 | .038 | .038 | 23 | .050 |
| 31 | .037 | .045 | .047 | .047 | .050 | .054 | .053 | .052 | .049 | .046 | .047 | .046 | BF | .041 | .040 | .040 | .040 | .041 | .040 | .036 | .036 | .038 | .038 | .036 | .036 | 23 | .054 |
| NO.: | 25 | 25 | 25 | 25 | 25 | 25 | 24 | 24 | 25 | 26 | 26 | 27 | | 27 | 27 | 26 | 27 | 26 | 26 | 26 | 26 | 26 | 26 | 25 | | | |
| MAX: | .071 | .071 | .068 | .068 | .061 | .067 | .062 | .062 | .060 | .058 | .056 | .055 | | .057 | .058 | .058 | .056 | .056 | .062 | .062 | .064 | .062 | .058 | .059 | | | |
| AVG: | .0490 | .0494 | .0488 | .0491 | .0484 | .0492 | .0498 | .0492 | .0480 | .0480 | .0478 | .0474 | | .0485 | .0483 | .0487 | .0481 | .0483 | .0490 | .0493 | .0496 | .0493 | .0485 | .0480 | | | |

MONTHLY OBSERVATIONS: 590 MONTHLY MEAN: .0487 MONTHLY MAX: .071

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-199-0004 POC: 1
 COUNTY: (199) Yancey
 CITY: (00000) Not in a city
 SITE ADDRESS: 2388 State Highway 128
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.765413
 LONGITUDE: -82.264944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 2023
 PROBE HEIGHT: 7

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: APRIL 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .036 | .035 | .036 | .040 | AE | .042 | .043 | .044 | .043 | .047 | .048 | .044 | BF | .049 | .049 | .049 | .047 | .045 | .044 | .047 | .055 | .059 | .059 | .056 | 22 | .059 | |
| 2 | .056 | .056 | .057 | .059 | .059 | .057 | .057 | .057 | .057 | .056 | .052 | .050 | BF | .047 | .048 | .045 | .042 | .046 | .047 | .050 | .049 | .048 | .044 | .042 | 23 | .059 | |
| 3 | .039 | .041 | .038 | .041 | .044 | .045 | .042 | .044 | .044 | .042 | .041 | .039 | BF | .040 | .048 | .051 | .048 | .047 | .046 | .044 | .047 | .049 | .048 | .049 | 23 | .051 | |
| 4 | .050 | .048 | .046 | .046 | .049 | .048 | .049 | .049 | .049 | .049 | .049 | .050 | BF | .050 | .050 | .050 | .051 | .050 | .049 | .048 | .049 | .050 | .051 | .051 | 23 | .051 | |
| 5 | .051 | .050 | .050 | .052 | .052 | .051 | .049 | .048 | .045 | .044 | .045 | .047 | BF | .047 | .047 | .044 | .044 | .044 | .042 | .046 | .042 | .036 | .042 | .043 | 23 | .052 | |
| 6 | .042 | .043 | .043 | .047 | .044 | .039 | .038 | .036 | .035 | .034 | .033 | .033 | BF | .036 | AE | AE | 13 | .047 |
| 7 | AE | BF | AE | .046 | .048 | AE | AE | 2 | .048 |
| 8 | .052 | .051 | .051 | .050 | .050 | .055 | .057 | .060 | .062 | .062 | .062 | .059 | BF | .060 | .058 | .058 | .058 | .056 | .056 | .058 | .060 | .062 | .059 | .058 | 23 | .062 | |
| 9 | .059 | .062 | .059 | .062 | .062 | .063 | .060 | .058 | .059 | .056 | .056 | .056 | BF | .057 | .057 | .058 | .062 | .063 | .064 | .063 | .062 | .063 | .063 | .063 | 23 | .064 | |
| 10 | .054 | .055 | .058 | .060 | .060 | .059 | .061 | .055 | .055 | .051 | BA | BA | BF | .058 | .057 | .056 | .057 | .058 | .058 | .059 | .058 | .058 | .059 | .059 | 21 | .061 | |
| 11 | .060 | .062 | .062 | .063 | .062 | .061 | .060 | .058 | .056 | .055 | .057 | .055 | BF | .058 | .056 | .055 | .054 | .053 | .056 | .059 | .058 | .057 | .056 | .054 | 23 | .063 | |
| 12 | .056 | AE | AE | AE | AE | .052 | AE | AE | AE | AE | AE | AE | BF | .061 | AE | AE | AE | .062 | .065 | .063 | .061 | .060 | .062 | .059 | 10 | .065 | |
| 13 | .058 | .057 | .056 | .050 | .050 | .052 | .053 | .052 | .054 | .054 | .055 | .058 | BF | .062 | .062 | .058 | .056 | .055 | .057 | .059 | .065 | .063 | .066 | .064 | 23 | .066 | |
| 14 | .063 | .061 | .058 | .058 | .058 | .056 | .056 | .055 | .057 | .059 | .060 | .061 | BF | .063 | .057 | .055 | .054 | .058 | .058 | .057 | .059 | .063 | .061 | .057 | 23 | .063 | |
| 15 | .056 | .056 | .052 | .051 | .057 | .058 | .059 | .057 | .054 | .050 | .046 | .047 | BF | .052 | .051 | .053 | .055 | .052 | .051 | .048 | .047 | .044 | .043 | .043 | 23 | .059 | |
| 16 | .044 | .045 | .046 | .046 | .049 | .049 | .050 | .050 | .049 | .049 | .051 | BF | .050 | .048 | .047 | .047 | .044 | .041 | .040 | .040 | .040 | .043 | .044 | .046 | 23 | .051 | |
| 17 | .046 | .047 | .046 | .045 | .044 | .042 | .042 | .045 | .046 | .045 | .043 | .042 | BF | .041 | .040 | .039 | .039 | .038 | .038 | .040 | .048 | .048 | .049 | .049 | 23 | .049 | |
| 18 | .046 | .042 | .038 | .045 | .035 | .036 | .041 | .039 | .037 | .041 | .046 | .047 | BF | .040 | .039 | .038 | .039 | .037 | .039 | .042 | .041 | .041 | .040 | .038 | 23 | .047 | |
| 19 | .036 | .036 | .036 | .039 | .038 | .036 | .040 | .040 | .039 | .036 | .038 | .039 | BF | .040 | .040 | .040 | .041 | .042 | .040 | .037 | .047 | .047 | .040 | .040 | 23 | .047 | |
| 20 | .042 | .044 | .044 | .044 | .047 | .048 | .048 | .050 | .045 | .043 | .044 | .043 | BF | .043 | .042 | .040 | .038 | .038 | .040 | .040 | .040 | .038 | .039 | .040 | 23 | .050 | |
| 21 | .040 | .042 | .043 | .043 | .044 | .043 | .043 | .043 | .042 | .041 | .039 | .038 | BF | .039 | .037 | .039 | .038 | .042 | .042 | .041 | .042 | .050 | .051 | .049 | 23 | .051 | |
| 22 | .045 | .045 | .045 | .045 | .043 | .042 | .042 | .041 | .041 | .040 | .042 | .041 | BF | AN | AN | 12 | .045 |
| 23 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 24 | AN | AI | BF | BF | BF | BF | AN | AN | 0 | |
| 25 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 26 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 27 | AN | BF | BF | BF | BF | AI | .036 | .040 | .044 | .049 | .048 | .046 | .044 | .048 | 8 | .049 | |
| 28 | .050 | .052 | .053 | .056 | .058 | .059 | .059 | .058 | .057 | .055 | .053 | .054 | BF | .045 | .048 | .043 | .043 | .042 | .044 | .042 | .040 | .040 | .039 | .039 | 23 | .059 | |
| 29 | .038 | .040 | .042 | .043 | .043 | .047 | .047 | .046 | .044 | .047 | .048 | .049 | BF | .038 | .037 | .040 | .041 | .040 | .038 | .039 | .042 | .042 | .039 | .038 | 23 | .049 | |
| 30 | .035 | .033 | .032 | .031 | .030 | .031 | .032 | .032 | .033 | .030 | .030 | .031 | BF | .033 | .034 | .033 | .033 | .032 | .031 | .030 | .032 | .033 | .034 | .030 | 23 | .035 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| NO.: | 24 | 23 | 23 | 23 | 22 | 24 | 23 | 23 | 23 | 23 | 22 | 22 | | 23 | 22 | 22 | 22 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | | | |
| MAX: | .063 | .062 | .062 | .063 | .062 | .063 | .061 | .060 | .062 | .062 | .062 | .061 | | .063 | .062 | .058 | .062 | .063 | .065 | .063 | .065 | .063 | .066 | .064 | | | |
| AVG: | .0481 | .0480 | .0474 | .0485 | .0490 | .0488 | .0490 | .0486 | .0480 | .0472 | .0471 | .0470 | | .0482 | .0478 | .0472 | .0465 | .0471 | .0474 | .0479 | .0492 | .0496 | .0492 | .0483 | | | |

MONTHLY OBSERVATIONS: 525 MONTHLY MEAN: .0481 MONTHLY MAX: .066

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-199-0004 POC: 1
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 CITY: (00000) Not in a city
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 MONITOR COMMENTS:

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 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 2023
 PROBE HEIGHT: 7

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: MAY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .030 | .032 | .033 | .033 | .032 | .031 | .032 | .031 | .034 | .035 | .034 | .034 | BF | .036 | .042 | .046 | .047 | .058 | .067 | .066 | .063 | .062 | .061 | .058 | 23 | .067 |
| 2 | .053 | .057 | .058 | .057 | .055 | .055 | AE | AE | .053 | .054 | .054 | .055 | BF | .054 | .054 | .053 | .054 | .054 | .055 | .055 | .055 | .054 | .054 | .054 | 21 | .058 |
| 3 | .053 | .053 | .053 | .053 | .053 | .053 | .052 | .051 | .052 | .052 | .053 | .052 | BF | .054 | .053 | .052 | .051 | .052 | .054 | .058 | .057 | .053 | .051 | .052 | 23 | .058 |
| 4 | .052 | .055 | .057 | .057 | .053 | .046 | .043 | .043 | .046 | .048 | .051 | .054 | BF | .054 | .055 | .055 | .056 | .055 | .055 | .052 | .047 | .045 | .044 | .049 | 23 | .057 |
| 5 | .054 | .056 | .060 | .058 | .055 | .055 | .052 | .046 | .043 | .043 | .039 | .038 | BF | .042 | .039 | .039 | .040 | .038 | .037 | .033 | .031 | .030 | .032 | .037 | 23 | .060 |
| 6 | .036 | .035 | .037 | .042 | .048 | .050 | .048 | .048 | .048 | .050 | .050 | .050 | BF | .051 | .050 | .051 | .049 | .051 | .056 | .057 | .052 | .049 | .047 | .045 | 23 | .057 |
| 7 | .046 | .047 | .048 | .048 | .047 | .047 | .049 | .050 | .053 | .050 | .048 | .049 | BF | .051 | .050 | .050 | .050 | .048 | .049 | .049 | .050 | .051 | .051 | .051 | 23 | .053 |
| 8 | .052 | .052 | .052 | .052 | .052 | .051 | .053 | .056 | .055 | .057 | .060 | .061 | BF | .063 | .062 | .059 | .060 | .060 | .059 | .058 | .057 | .058 | .059 | .059 | 23 | .063 |
| 9 | .059 | .057 | .057 | .057 | .056 | .056 | .056 | .056 | .058 | .057 | .058 | .056 | BF | .058 | .058 | .059 | .060 | .062 | .061 | .061 | .063 | .062 | .061 | .060 | 23 | .063 |
| 10 | .058 | .059 | .058 | .056 | .056 | .058 | .059 | .063 | .065 | .065 | .065 | .066 | BF | .069 | .068 | .065 | .063 | .063 | .063 | .065 | .066 | .065 | .065 | .065 | 23 | .069 |
| 11 | .061 | .057 | .057 | .060 | .060 | .057 | .056 | .055 | .053 | .053 | .053 | .057 | BF | .058 | .057 | .059 | .058 | .059 | .057 | .055 | .054 | .053 | .054 | .055 | 23 | .061 |
| 12 | .050 | .050 | .051 | .052 | .055 | .052 | .050 | .048 | .046 | .040 | .038 | .042 | BF | .037 | .037 | .036 | .035 | .045 | .051 | .051 | .051 | .052 | .050 | .055 | 23 | .055 |
| 13 | .056 | .057 | .052 | .050 | .052 | .053 | .051 | .052 | .053 | .051 | .049 | .050 | BF | .044 | .044 | .046 | .049 | .050 | .050 | .051 | .052 | .052 | .052 | .054 | 23 | .057 |
| 14 | .063 | .067 | .066 | .064 | .062 | .064 | .063 | .064 | .064 | .064 | .062 | .061 | BF | .058 | .060 | .058 | .058 | .058 | .058 | .059 | .061 | .060 | .060 | .060 | 23 | .067 |
| 15 | .059 | .060 | .058 | .058 | .058 | .059 | .058 | .057 | .058 | .057 | .056 | .056 | BF | .056 | .057 | .056 | .056 | .057 | .059 | .061 | .063 | .064 | .065 | .064 | 23 | .065 |
| 16 | .066 | .065 | .063 | .060 | .060 | .058 | .057 | .058 | .057 | .057 | .056 | .057 | BF | .054 | .055 | .055 | .057 | .059 | .062 | .064 | .062 | .063 | .064 | .063 | 23 | .066 |
| 17 | .057 | .055 | .056 | .056 | .054 | .052 | .053 | .053 | .054 | .054 | .056 | .057 | BF | .053 | .054 | .054 | .054 | .054 | .052 | .049 | .049 | .046 | .043 | .044 | 23 | .057 |
| 18 | .045 | .044 | .042 | .041 | .039 | .038 | .038 | .040 | .043 | .044 | .044 | .044 | BF | .045 | .045 | .043 | .042 | .041 | .042 | .041 | .041 | .037 | .039 | .045 | 23 | .045 |
| 19 | .049 | .043 | .042 | .041 | .040 | .042 | .043 | .044 | .046 | .046 | .045 | .045 | BF | .046 | .038 | .042 | .045 | .046 | .047 | .044 | .042 | .040 | .039 | .037 | 23 | .049 |
| 20 | .036 | .035 | .041 | .043 | .039 | .038 | .037 | .035 | .038 | .042 | .045 | .048 | BF | .044 | .042 | .043 | .043 | .044 | .048 | .043 | .038 | .036 | .035 | .032 | 23 | .048 |
| 21 | .034 | .033 | .038 | .038 | .037 | .041 | .042 | .040 | .043 | .042 | .036 | .037 | BF | .035 | .033 | .030 | .033 | .050 | .035 | .027 | .040 | .051 | .047 | .044 | 23 | .051 |
| 22 | .046 | .043 | .043 | .043 | .041 | .041 | .042 | .042 | .041 | .042 | .043 | .043 | BF | .044 | .048 | .047 | .044 | .040 | .033 | .034 | .033 | .036 | .033 | .036 | 23 | .048 |
| 23 | .036 | .043 | .051 | .057 | .052 | .050 | .047 | .045 | .044 | .041 | .040 | .040 | BF | .040 | .039 | .039 | .042 | .041 | .041 | .040 | .040 | .041 | .042 | .044 | 23 | .057 |
| 24 | .043 | .046 | .049 | .048 | .043 | .042 | .038 | .038 | .035 | .025 | .028 | .034 | BF | .042 | .041 | .044 | .054 | .052 | .051 | .050 | .051 | .045 | .046 | .047 | 23 | .054 |
| 25 | .045 | .045 | .046 | .045 | .051 | .055 | .057 | .056 | BF | BF | BF | .048 | BF | .049 | .047 | .048 | .048 | .050 | .050 | .049 | .049 | .051 | .052 | .052 | 20 | .057 |
| 26 | .054 | .055 | .055 | .055 | .055 | .056 | .056 | .055 | .054 | .052 | .051 | .053 | BF | .056 | .057 | .057 | .066 | .060 | .054 | .053 | .053 | .053 | .057 | .061 | 23 | .066 |
| 27 | .059 | .061 | .061 | .057 | .054 | .054 | .052 | .050 | .048 | .049 | .048 | .047 | BF | .046 | .044 | .045 | .045 | .043 | .040 | .038 | .036 | .034 | .037 | .043 | 23 | .061 |
| 28 | .053 | .062 | .059 | .061 | .062 | .062 | .059 | .054 | .048 | .048 | .052 | .056 | BF | .049 | .046 | .043 | .042 | .047 | .051 | .051 | .053 | .053 | .053 | .053 | 23 | .062 |
| 29 | .052 | .052 | .054 | .055 | .054 | .052 | .050 | .050 | .050 | .051 | .050 | .048 | BF | .044 | .040 | .050 | .050 | .055 | .048 | .045 | .047 | .048 | .047 | .045 | 23 | .055 |
| 30 | .048 | .048 | .048 | .043 | .044 | .046 | .046 | .044 | .043 | .044 | .044 | .045 | BF | .046 | .047 | .048 | .049 | .049 | .045 | .046 | .047 | .049 | .049 | .049 | 23 | .049 |
| 31 | .051 | .053 | .051 | .050 | .053 | .053 | .052 | .048 | .048 | .049 | .051 | .049 | BF | .048 | .049 | .050 | .053 | .054 | .055 | .055 | .056 | .057 | .055 | .052 | 23 | .057 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 30 | 30 | 30 | 30 | 30 | 31 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .066 | .067 | .066 | .064 | .062 | .064 | .063 | .064 | .065 | .065 | .065 | .066 | | .069 | .068 | .065 | .066 | .063 | .066 | .066 | .065 | .065 | .065 | .065 | | |
| AVG: | .0502 | .0509 | .0515 | .0513 | .0507 | .0505 | .0497 | .0491 | .0491 | .0487 | .0487 | .0494 | | .0492 | .0487 | .0491 | .0501 | .0515 | .0511 | .0504 | .0503 | .0500 | .0498 | .0505 | | |

MONTHLY OBSERVATIONS: 708 MONTHLY MEAN: .0500 MONTHLY MAX: .069

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-199-0004 POC: 1
 COUNTY: (199) Yancey
 CITY: (00000) Not in a city
 SITE ADDRESS: 2388 State Highway 128
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.765413
 LONGITUDE: -82.264944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 2023
 PROBE HEIGHT: 7

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JUNE 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .050 | .048 | .047 | .046 | .047 | .050 | .053 | .053 | .053 | .055 | .054 | .053 | BF | .053 | .055 | .055 | .055 | .052 | .050 | .056 | .058 | .059 | .058 | .057 | 23 | .059 | |
| 2 | .057 | .056 | .056 | .053 | .051 | .049 | .048 | .049 | .049 | .048 | .050 | .049 | BF | .051 | .052 | .053 | .054 | .056 | .055 | .056 | .058 | .046 | .045 | .047 | 23 | .058 | |
| 3 | .056 | .055 | .056 | .050 | .052 | .054 | .053 | .051 | .050 | .051 | .053 | .055 | BF | .054 | .053 | .054 | .055 | .057 | .055 | .051 | .045 | .047 | .045 | .047 | 23 | .057 | |
| 4 | .047 | .046 | .048 | .048 | .050 | .055 | .057 | .055 | .055 | .055 | .054 | .046 | BF | .042 | .042 | .041 | .040 | .038 | .038 | .038 | .036 | .042 | .044 | .044 | 23 | .057 | |
| 5 | .037 | .032 | .032 | .032 | .031 | .032 | .032 | .034 | .034 | BA | AI | .033 | BF | .034 | .034 | .036 | .036 | .037 | .040 | .043 | .041 | .037 | .038 | .041 | 21 | .043 | |
| 6 | .047 | .059 | .047 | .050 | .047 | .046 | .051 | .057 | .054 | .054 | .056 | .060 | BF | .062 | .060 | .059 | .057 | .057 | .055 | .054 | .051 | .044 | .039 | .038 | 23 | .062 | |
| 7 | .051 | .053 | .054 | .055 | .056 | .058 | .048 | .043 | .042 | .040 | .044 | .043 | BF | .041 | .042 | .043 | .042 | .040 | .040 | .041 | .041 | .035 | .034 | .037 | 23 | .058 | |
| 8 | .037 | .035 | .036 | .038 | .036 | .034 | .034 | .039 | .040 | .037 | .038 | .039 | BF | .048 | .046 | .042 | .047 | .044 | .048 | .048 | .047 | .046 | .045 | .045 | 23 | .048 | |
| 9 | .044 | .045 | .044 | .047 | .048 | .047 | .047 | .048 | .046 | .045 | .047 | .048 | BF | .046 | .047 | .049 | .048 | .046 | .045 | .041 | .044 | .040 | .038 | .037 | 23 | .049 | |
| 10 | .037 | .037 | .044 | .051 | .056 | .059 | .058 | .057 | .057 | .056 | .054 | .055 | BF | .050 | .051 | .053 | .050 | .044 | .046 | .049 | .050 | .050 | .046 | .048 | 23 | .059 | |
| 11 | .049 | .048 | .047 | .045 | .048 | .052 | .050 | .050 | .050 | .049 | .050 | .049 | BF | .043 | .044 | .043 | .047 | .048 | .045 | .044 | .047 | .049 | .047 | .043 | 23 | .052 | |
| 12 | .041 | .040 | .041 | .043 | .045 | .047 | .046 | .043 | .042 | .040 | .038 | .038 | BF | .039 | .038 | .035 | .033 | .037 | .037 | .043 | .036 | .035 | .037 | .041 | 23 | .047 | |
| 13 | .037 | .038 | .037 | .036 | .037 | .038 | .038 | .037 | .037 | .037 | .035 | .035 | BF | .033 | .034 | .038 | .038 | .035 | .033 | .039 | .041 | .047 | .047 | .048 | 23 | .048 | |
| 14 | .047 | .048 | .049 | .048 | .047 | .049 | .049 | .046 | .044 | .043 | .045 | .040 | BF | .044 | .041 | .042 | .039 | .040 | .045 | .041 | .043 | .056 | .055 | .055 | 23 | .056 | |
| 15 | .057 | .058 | .057 | .053 | .052 | .051 | .049 | .048 | .045 | .043 | .042 | .041 | BF | .036 | .037 | .038 | .041 | .045 | .041 | .046 | .046 | .041 | .047 | .043 | 23 | .058 | |
| 16 | .040 | .038 | .042 | .044 | .042 | .041 | .039 | .040 | .036 | .034 | .035 | .038 | BF | .042 | .043 | .040 | .041 | .041 | .036 | .039 | .047 | .053 | .052 | .053 | 23 | .053 | |
| 17 | .052 | .053 | .051 | .051 | .049 | .045 | .044 | .046 | .042 | .043 | .043 | .041 | BF | .040 | .039 | .038 | .040 | .034 | .033 | .032 | .038 | .048 | .050 | .050 | 23 | .053 | |
| 18 | .052 | .056 | .048 | .043 | .040 | .040 | .037 | .032 | .033 | .032 | .032 | .032 | BF | .031 | .030 | .030 | .029 | .029 | .031 | .033 | .034 | .034 | .038 | .038 | 23 | .056 | |
| 19 | .034 | .036 | .038 | .036 | .038 | .040 | .041 | .037 | .034 | .031 | .032 | .032 | BF | .033 | .034 | .032 | .032 | .034 | .035 | .033 | .040 | .048 | .049 | .048 | 23 | .049 | |
| 20 | .046 | .044 | .044 | .042 | .045 | .047 | .050 | .051 | .050 | .048 | .045 | .039 | BF | .036 | .039 | .038 | .039 | .037 | .033 | .035 | .037 | .035 | .033 | .033 | 23 | .051 | |
| 21 | .035 | .035 | .035 | .034 | .034 | .036 | .035 | .034 | .033 | .033 | .039 | .039 | BF | .038 | .043 | .041 | .041 | .042 | .038 | .037 | .039 | .033 | .028 | .024 | 23 | .043 | |
| 22 | .024 | .030 | .032 | .030 | .028 | .025 | .026 | .020 | .020 | .023 | .020 | .019 | BF | .019 | .018 | .020 | .017 | .015 | .016 | .016 | .018 | .021 | .021 | .021 | 23 | .032 | |
| 23 | .020 | .019 | .019 | .019 | .019 | .019 | .019 | .019 | .020 | .022 | .024 | BF | .021 | .021 | .024 | .023 | .023 | .022 | .021 | .020 | .022 | .026 | .036 | 23 | .036 | | |
| 24 | .036 | .035 | .034 | .034 | .034 | .035 | .035 | .035 | .034 | .034 | .034 | .034 | BF | .037 | .036 | .041 | .039 | .036 | .035 | .035 | .036 | .037 | .044 | .045 | 23 | .045 | |
| 25 | .046 | .047 | .047 | .044 | .045 | .046 | .045 | .041 | .039 | .038 | .037 | .036 | BF | .040 | .040 | .039 | .039 | .040 | .039 | .039 | .039 | .041 | .042 | .043 | 23 | .047 | |
| 26 | .044 | .046 | .048 | .049 | .050 | .051 | .050 | .049 | .049 | AI | BC | BC | BC | BC | .045 | .047 | .047 | .049 | .049 | .048 | .048 | .051 | .049 | .049 | 19 | .051 | |
| 27 | .046 | .046 | .046 | .046 | .047 | .044 | .042 | .041 | .041 | .042 | .043 | .043 | BF | .043 | .045 | .046 | .046 | .046 | .045 | .045 | .047 | .046 | .047 | .045 | 23 | .047 | |
| 28 | .045 | .046 | .047 | .048 | .049 | .048 | .048 | .046 | .046 | .048 | .049 | .047 | BF | .044 | .044 | .044 | .044 | .046 | .049 | .054 | .050 | .046 | .045 | .046 | 23 | .054 | |
| 29 | .046 | .045 | .048 | .045 | .044 | .043 | .043 | .042 | .042 | .046 | .045 | .045 | BF | .041 | .041 | .040 | .040 | .043 | .041 | .041 | .039 | .036 | .036 | .042 | 23 | .048 | |
| 30 | .037 | .036 | .034 | .032 | .028 | .026 | .027 | .025 | .025 | .023 | .021 | .020 | BF | .022 | .023 | .023 | .024 | .024 | .023 | .024 | .024 | .024 | .024 | .025 | 23 | .037 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 28 | 28 | 29 | | 29 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | | | |
| MAX: | .057 | .059 | .057 | .055 | .056 | .059 | .058 | .057 | .057 | .056 | .056 | .060 | | .062 | .060 | .059 | .057 | .057 | .055 | .056 | .058 | .059 | .058 | .057 | | | |
| AVG: | .0432 | .0437 | .0436 | .0431 | .0432 | .0436 | .0431 | .0423 | .0414 | .0410 | .0413 | .0404 | | .0401 | .0406 | .0408 | .0408 | .0405 | .0399 | .0407 | .0413 | .0416 | .0416 | .0423 | | | |

MONTHLY OBSERVATIONS: 684 MONTHLY MEAN: .0418 MONTHLY MAX: .062

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-199-0004 POC: 1
 COUNTY: (199) Yancey
 CITY: (00000) Not in a city
 SITE ADDRESS: 2388 State Highway 128
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.765413
 LONGITUDE: -82.264944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 2023
 PROBE HEIGHT: 7

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: JULY 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .024 | .025 | .027 | .030 | .032 | .034 | .036 | .036 | .036 | .037 | .041 | .044 | BF | .043 | .042 | .040 | .043 | .047 | .045 | .053 | .052 | .050 | .055 | .052 | 23 | .055 |
| 2 | .048 | .049 | .055 | .050 | .050 | .053 | .056 | .056 | .052 | .049 | .047 | .048 | BF | .044 | .045 | .045 | .048 | .050 | .045 | .041 | .039 | .045 | .056 | .050 | 23 | .056 |
| 3 | .044 | .044 | .046 | .043 | .037 | .037 | .035 | .042 | .036 | .036 | .037 | .035 | BF | .033 | .035 | .036 | .032 | .033 | .037 | .041 | .042 | .044 | .045 | .049 | 23 | .049 |
| 4 | .048 | .046 | .045 | .044 | .044 | .045 | .046 | .042 | .035 | .033 | .033 | .030 | BF | AN | 12 | .048 |
| 5 | AN | BA | AN | 0 | |
| 6 | AN | BA | 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 | 0 | |
| 8 | 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 | 0 | |
| 10 | AN | BA | BA | BA | AN | 0 | |
| 11 | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | AN | 0 | |
| 12 | AN | BF | BF | BF | BF | BF | BF | .035 | .035 | .035 | .048 | .050 | .052 | .051 | .050 | .050 | .050 | 9 | .052 |
| 13 | .046 | .040 | .042 | .042 | .037 | .038 | .036 | .036 | .041 | .044 | .040 | .039 | BF | AI | .043 | .043 | .043 | .039 | .039 | .038 | .034 | .033 | .034 | .032 | 22 | .046 |
| 14 | .030 | .032 | .036 | .035 | .035 | .038 | .036 | .036 | .033 | .033 | .032 | .034 | BF | .035 | .035 | .035 | .038 | .037 | .037 | .038 | .038 | .039 | .042 | .040 | 23 | .042 |
| 15 | .039 | .037 | .038 | .041 | .040 | .041 | .042 | .040 | .041 | .041 | .038 | .037 | BF | .038 | .049 | .048 | .045 | .042 | .041 | .042 | .042 | .041 | .043 | .043 | 23 | .049 |
| 16 | .039 | .037 | .040 | .042 | .042 | .045 | .047 | .053 | .049 | .045 | .044 | .044 | BF | .046 | .048 | .047 | .043 | .041 | .041 | .039 | .045 | .049 | .042 | .036 | 23 | .053 |
| 17 | .039 | .044 | .046 | .048 | .045 | .041 | .042 | .047 | .046 | .046 | .045 | .039 | BF | .044 | .039 | .045 | .051 | .045 | .045 | .041 | .048 | .049 | .050 | .051 | 23 | .051 |
| 18 | .049 | .052 | .055 | .055 | .055 | .056 | .047 | .049 | .045 | .043 | .044 | .040 | BF | .042 | .042 | .041 | .044 | .044 | .045 | .042 | .044 | .047 | .055 | .049 | 23 | .056 |
| 19 | .046 | .045 | .049 | .049 | .051 | .053 | .054 | .055 | .051 | .050 | .048 | .046 | BF | .045 | .044 | .045 | .044 | .047 | .050 | .052 | .056 | .055 | .055 | .055 | 23 | .056 |
| 20 | .056 | .053 | .055 | .053 | .057 | .058 | .064 | .061 | .054 | .049 | .048 | .047 | BF | .049 | .047 | .048 | .052 | .048 | .048 | .043 | .048 | .050 | .048 | .051 | 23 | .064 |
| 21 | .049 | .052 | .053 | .052 | .051 | .051 | .050 | .048 | .047 | .047 | .048 | .043 | BF | .040 | .041 | .040 | .041 | .043 | .044 | .044 | .039 | .042 | .042 | .035 | 23 | .053 |
| 22 | .040 | .047 | .047 | .041 | .043 | .047 | .050 | .050 | .044 | .043 | .041 | .038 | BF | .042 | .045 | .044 | .041 | .043 | .042 | .041 | .042 | .042 | .041 | .042 | 23 | .050 |
| 23 | .041 | .042 | .044 | .045 | .043 | .042 | .042 | .039 | .037 | .036 | .036 | .038 | BF | .047 | .047 | .043 | .040 | .039 | .040 | .037 | .035 | .038 | .034 | .036 | 23 | .047 |
| 24 | .036 | .042 | .048 | .050 | .047 | .044 | .043 | .048 | .051 | .046 | .043 | .045 | BF | .049 | .051 | .053 | .049 | .042 | .040 | .044 | .058 | .060 | .061 | .060 | 23 | .061 |
| 25 | .056 | .053 | .047 | .048 | .044 | .045 | .048 | .053 | .055 | .053 | .053 | .049 | BF | .049 | .048 | .050 | .051 | .054 | .057 | .058 | .061 | .058 | .049 | .049 | 23 | .061 |
| 26 | .054 | .059 | .060 | .058 | .055 | .054 | .048 | .043 | .043 | .044 | .044 | .045 | BF | .048 | .048 | .048 | .047 | .044 | .040 | .039 | .039 | .046 | .049 | .048 | 23 | .060 |
| 27 | .044 | .044 | .043 | .046 | .045 | .045 | .044 | .041 | .040 | .039 | .040 | .041 | BF | .041 | .042 | .041 | .039 | .036 | .038 | .038 | .043 | .042 | .040 | .040 | 23 | .046 |
| 28 | .039 | .037 | .038 | .037 | .033 | .029 | .029 | .029 | .027 | .027 | .027 | .025 | BF | .035 | .036 | .033 | .033 | .033 | .038 | .040 | .038 | .037 | .037 | .035 | 23 | .040 |
| 29 | .036 | .044 | .045 | .045 | .049 | .051 | .051 | .051 | .050 | .049 | .048 | .047 | BF | .045 | .047 | .045 | .043 | .044 | .041 | .040 | .040 | .040 | .040 | .037 | 23 | .051 |
| 30 | .035 | .035 | .035 | .035 | .035 | .034 | .039 | .037 | .038 | .037 | .035 | .032 | BF | .033 | .034 | .031 | .028 | .030 | .030 | .032 | .030 | .033 | .034 | .035 | 23 | .039 |
| 31 | .037 | .038 | .037 | .041 | .039 | .036 | .033 | .031 | .030 | .030 | .031 | .031 | BF | .031 | .033 | .031 | .031 | .030 | .028 | .031 | .032 | .033 | .032 | .036 | 23 | .041 |
| NO.: | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | | 21 | 22 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | | |
| MAX: | .056 | .059 | .060 | .058 | .057 | .058 | .064 | .061 | .055 | .053 | .053 | .049 | | .049 | .051 | .053 | .052 | .054 | .057 | .058 | .061 | .060 | .061 | .060 | | |
| AVG: | .0424 | .0433 | .0448 | .0448 | .0439 | .0442 | .0443 | .0445 | .0427 | .0416 | .0410 | .0399 | | .0419 | .0428 | .0420 | .0418 | .0411 | .0416 | .0419 | .0433 | .0445 | .0450 | .0440 | | |

MONTHLY OBSERVATIONS: 526 MONTHLY MEAN: .0429 MONTHLY MAX: .064

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-199-0004 POC: 1
 COUNTY: (199) Yancey
 CITY: (00000) Not in a city
 SITE ADDRESS: 2388 State Highway 128
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.765413
 LONGITUDE: -82.264944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 2023
 PROBE HEIGHT: 7

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: AUGUST 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .038 | .036 | .035 | .036 | .039 | .040 | .036 | .034 | .035 | AI | BA | AI | BF | .028 | .032 | .031 | .030 | .028 | .026 | .027 | .037 | .039 | .042 | .044 | 20 | .044 |
| 2 | .043 | .042 | .041 | .047 | .046 | .049 | .050 | .040 | .038 | .039 | .039 | .036 | BF | .033 | .032 | .038 | .034 | .032 | .035 | .040 | .043 | .048 | .046 | .050 | 23 | .050 |
| 3 | .050 | .051 | .049 | .049 | .049 | .048 | .045 | .041 | .041 | .041 | .042 | AZ | .037 | .038 | .040 | .043 | .043 | .041 | .039 | .045 | .054 | .054 | .056 | .056 | 23 | .056 |
| 4 | .053 | .056 | .057 | .055 | .056 | .056 | .048 | .047 | .046 | .047 | .041 | .038 | BF | .046 | .043 | .047 | .046 | .039 | .042 | .044 | .044 | .044 | .043 | .044 | 23 | .057 |
| 5 | .044 | .044 | .044 | .044 | .042 | .040 | .040 | .041 | .039 | .036 | .036 | .039 | BF | .035 | .042 | .047 | .043 | .039 | .038 | .034 | .038 | .040 | .035 | .033 | 23 | .047 |
| 6 | .036 | .036 | .036 | .036 | .034 | .034 | .037 | .042 | .044 | .044 | .045 | .045 | BF | .041 | .042 | .039 | .033 | .031 | .031 | .028 | .031 | .037 | .037 | .044 | 23 | .045 |
| 7 | .035 | .032 | .029 | .025 | .024 | .023 | .021 | .021 | .023 | .026 | .028 | .029 | BF | .028 | .030 | .032 | .033 | .033 | .032 | .033 | .036 | .036 | .035 | .036 | 23 | .036 |
| 8 | .040 | .045 | .040 | .037 | .034 | .033 | .034 | .035 | .033 | .030 | .033 | .037 | BF | .038 | .037 | .039 | .039 | .036 | .034 | .033 | .035 | .034 | .035 | .035 | 23 | .045 |
| 9 | .038 | .040 | .039 | .041 | .041 | .041 | .043 | .042 | .041 | .035 | .036 | .037 | BF | .035 | .034 | .033 | .037 | .037 | .041 | .043 | .043 | .043 | .042 | .042 | 23 | .043 |
| 10 | .042 | .046 | .044 | .043 | .038 | .036 | .034 | .032 | .031 | AI | BF | BF | BF | .024 | .027 | .024 | .023 | .023 | .021 | .023 | .024 | .027 | .029 | .028 | 20 | .046 |
| 11 | .027 | .029 | .030 | .032 | .033 | .032 | .032 | .030 | .030 | .026 | .026 | .022 | BF | .024 | .025 | .025 | .027 | .030 | .031 | .029 | .028 | .030 | .029 | .029 | 23 | .033 |
| 12 | .029 | .030 | .032 | .032 | .034 | .032 | .034 | .034 | .033 | .034 | .033 | .031 | BF | .031 | .028 | .028 | .026 | .029 | .030 | .037 | .038 | .039 | .040 | .041 | 23 | .041 |
| 13 | .042 | .044 | .043 | .042 | .044 | .045 | .043 | .032 | .031 | .032 | .030 | .027 | BF | .029 | .032 | .030 | .029 | .027 | .030 | .032 | .028 | .029 | .031 | .032 | 23 | .045 |
| 14 | .036 | .037 | .035 | .035 | .037 | .038 | .038 | .036 | .035 | .037 | .035 | .032 | BF | .035 | .035 | .034 | .027 | .026 | .025 | .034 | .038 | .037 | .037 | .036 | 23 | .038 |
| 15 | .043 | .040 | .038 | .037 | .035 | .034 | .035 | .035 | .035 | .032 | .031 | .033 | BF | .032 | .033 | .034 | .035 | .034 | .038 | .040 | .039 | .039 | .038 | .038 | 23 | .043 |
| 16 | .038 | .040 | .041 | .042 | .042 | .043 | .041 | .041 | .039 | .035 | .032 | .032 | BF | .038 | .039 | .034 | .032 | .029 | .029 | .029 | .027 | .028 | .026 | .024 | 23 | .043 |
| 17 | .023 | .023 | .024 | .023 | .023 | .024 | .026 | .027 | .027 | .027 | .028 | .030 | BF | .031 | .034 | .034 | .031 | .024 | .023 | .025 | .025 | .022 | .022 | .020 | 23 | .034 |
| 18 | .021 | .023 | .022 | .023 | .022 | .021 | .024 | .024 | .024 | .023 | .023 | .024 | BF | .037 | .036 | .035 | .036 | .039 | .037 | .039 | .042 | .040 | .038 | .040 | 23 | .042 |
| 19 | .040 | .041 | .044 | .042 | .041 | .045 | .049 | .048 | .042 | .042 | .047 | .048 | BF | .042 | .042 | .040 | .040 | .042 | .037 | .038 | .047 | .056 | .058 | .055 | 23 | .058 |
| 20 | .055 | .048 | .043 | .041 | .042 | .039 | .047 | .050 | .040 | .038 | .039 | .036 | BF | .038 | .035 | .036 | .034 | .035 | .033 | .036 | .045 | .050 | .053 | .058 | 23 | .058 |
| 21 | .051 | .045 | .046 | .039 | .035 | .036 | .036 | .039 | .041 | .043 | .046 | .042 | BF | .037 | .041 | .042 | .039 | .035 | .038 | .044 | .050 | .039 | .033 | .038 | 23 | .051 |
| 22 | .037 | .036 | .039 | .040 | .040 | .039 | .042 | .045 | .041 | .043 | .044 | .048 | BF | .048 | .048 | .046 | .050 | .049 | .049 | .045 | .043 | .040 | .041 | .043 | 23 | .050 |
| 23 | .046 | .048 | .046 | .043 | .039 | .037 | .037 | .038 | .037 | .035 | .034 | .034 | BF | .035 | .038 | .037 | .039 | .035 | .037 | .040 | .037 | .035 | .035 | .034 | 23 | .048 |
| 24 | .038 | .037 | .032 | .030 | .034 | .029 | .030 | .032 | .032 | .034 | .035 | .037 | BF | .036 | .037 | .037 | .038 | .040 | .041 | .046 | .035 | .035 | .034 | .036 | 23 | .046 |
| 25 | .038 | .040 | .038 | .036 | .037 | .036 | .039 | .040 | .039 | .038 | .037 | .036 | BF | .037 | .038 | .037 | .036 | .033 | .031 | .032 | .035 | .036 | .036 | .042 | 23 | .042 |
| 26 | .042 | .041 | .038 | .035 | .036 | .040 | .037 | .038 | .039 | .040 | .041 | .040 | BF | .043 | .042 | .042 | .038 | .036 | .036 | .036 | .038 | .039 | .039 | .039 | 23 | .043 |
| 27 | .037 | .035 | .034 | .035 | .038 | .041 | .038 | .036 | .033 | .037 | .041 | .041 | BF | .034 | .035 | .037 | .039 | .039 | .040 | .040 | .042 | .043 | .041 | .041 | 23 | .043 |
| 28 | .041 | .038 | .037 | .039 | .041 | .042 | .044 | .045 | .044 | .041 | .041 | .041 | BF | .043 | .044 | .045 | .045 | .054 | .049 | .041 | .039 | .039 | .040 | .040 | 23 | .054 |
| 29 | .040 | .038 | .037 | .037 | .038 | .037 | .036 | .037 | .033 | .031 | .029 | .031 | BF | .034 | .035 | .038 | .039 | .039 | .036 | .040 | .041 | .041 | .039 | .042 | 23 | .042 |
| 30 | .040 | .037 | .038 | .038 | .038 | .037 | .036 | .036 | .036 | .037 | .037 | .038 | BF | .044 | .042 | .041 | .036 | .032 | .033 | .044 | .044 | .042 | .042 | .040 | 23 | .044 |
| 31 | .039 | .032 | .030 | .031 | .031 | .031 | .031 | .030 | .026 | .024 | .025 | .025 | BF | .024 | .026 | .034 | .032 | .036 | .034 | .037 | .034 | .036 | .032 | .031 | 23 | .039 |
| NO.: | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 29 | 29 | 28 | 1 | | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | 31 | | |
| MAX: | .055 | .056 | .057 | .055 | .056 | .056 | .050 | .050 | .046 | .047 | .047 | .048 | .037 | .048 | .048 | .047 | .050 | .054 | .049 | .046 | .054 | .056 | .058 | .058 | | |
| AVG: | .0394 | .0390 | .0381 | .0376 | .0375 | .0374 | .0375 | .0370 | .0357 | .0354 | .0357 | .0353 | .0370 | .0354 | .0363 | .0367 | .0358 | .0349 | .0347 | .0366 | .0380 | .0386 | .0383 | .0391 | | |

MONTHLY OBSERVATIONS: 707 MONTHLY MEAN: .0370 MONTHLY MAX: .058

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-199-0004 POC: 1
 COUNTY: (199) Yancey
 CITY: (00000) Not in a city
 SITE ADDRESS: 2388 State Highway 128
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.765413
 LONGITUDE: -82.264944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 2023
 PROBE HEIGHT: 7

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: SEPTEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .035 | .026 | .024 | .022 | .019 | .018 | .020 | .025 | .032 | .033 | .032 | .031 | BF | .032 | .033 | .036 | .037 | .038 | .038 | .039 | .038 | .035 | .035 | .028 | 23 | .039 | |
| 2 | .031 | .032 | .035 | .036 | .034 | .033 | .035 | .035 | .033 | .031 | .032 | .032 | BF | .035 | .035 | .034 | .031 | .032 | .034 | .041 | .043 | .042 | .040 | .039 | 23 | .043 | |
| 3 | .039 | .037 | .038 | .038 | .042 | .045 | .047 | AE | AE | AE | AE | AE | BF | .038 | .036 | .036 | .037 | .041 | .043 | .046 | .048 | .048 | .050 | .050 | 18 | .050 | |
| 4 | .052 | .051 | .046 | .045 | .044 | .043 | .043 | .044 | .047 | .046 | .041 | .040 | BF | .039 | .041 | .043 | .041 | .041 | .040 | .041 | .035 | .030 | .029 | .029 | 23 | .052 | |
| 5 | .030 | .031 | .032 | .039 | .040 | .040 | .042 | .047 | AI | BA | AI | .040 | BF | .041 | .048 | .054 | .048 | .048 | .054 | .055 | .054 | .052 | .050 | .050 | 20 | .055 | |
| 6 | .051 | .051 | .050 | .049 | .039 | .028 | .030 | .034 | .040 | .039 | .037 | .039 | BF | .037 | .038 | .037 | .037 | .038 | .034 | .035 | .036 | .034 | .034 | .035 | 23 | .051 | |
| 7 | AE | AE | AE | AE | AE | .034 | .032 | .030 | .029 | .033 | .033 | .035 | .031 | 8 | .035 | |
| 8 | .030 | .029 | .032 | .033 | .029 | .031 | .030 | .029 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 8 | .033 |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 10 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 11 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 12 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 13 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | |
| 14 | AO | BF | BF | BF | BF | BF | BF | .029 | .028 | .027 | .028 | .029 | .031 | .031 | .033 | .034 | 9 | .034 | |
| 15 | .034 | .037 | .033 | .036 | .036 | .034 | .033 | .033 | .031 | .031 | .029 | .030 | BF | .028 | .030 | .032 | .036 | .032 | .034 | .033 | .037 | .041 | .038 | .039 | 23 | .041 | |
| 16 | .045 | .048 | .048 | .044 | .040 | .042 | .042 | .039 | .035 | .036 | .038 | .038 | BF | .035 | .033 | .034 | .038 | .038 | .039 | .039 | .039 | .040 | .041 | .037 | 23 | .048 | |
| 17 | .037 | .040 | .042 | .043 | .042 | .043 | .043 | .043 | .041 | .039 | .040 | .040 | BF | .036 | .035 | .038 | .038 | .039 | .040 | .041 | .041 | .043 | .041 | .042 | 23 | .043 | |
| 18 | .038 | .041 | .039 | .040 | .038 | .037 | .039 | .041 | .042 | .035 | .036 | .038 | BF | .037 | .037 | .041 | .041 | .043 | .046 | .048 | .050 | .049 | .045 | .046 | 23 | .050 | |
| 19 | .045 | .045 | .045 | .046 | .044 | .047 | .041 | .037 | .038 | .039 | .039 | .038 | BF | .042 | .043 | .040 | .039 | .037 | .039 | .043 | .044 | .044 | .046 | .046 | 23 | .047 | |
| 20 | .041 | .044 | .042 | .044 | .044 | .045 | .044 | .040 | .038 | .037 | .036 | .038 | BF | .039 | .038 | .038 | .039 | .040 | .044 | .046 | .048 | .047 | .044 | .041 | 23 | .048 | |
| 21 | .041 | .045 | .042 | .040 | .039 | .039 | .041 | .042 | .044 | .042 | .043 | .040 | BF | .038 | .037 | .038 | .035 | .037 | .035 | .035 | .035 | .036 | .035 | .038 | 23 | .045 | |
| 22 | .036 | .039 | .043 | .043 | .043 | .045 | .046 | .044 | .043 | .043 | .043 | .044 | BF | .042 | .038 | .043 | .042 | .041 | .038 | .041 | .042 | .041 | .040 | .041 | 23 | .046 | |
| 23 | .040 | .038 | .039 | .041 | .043 | .049 | .046 | .047 | .046 | .047 | .044 | .043 | BF | .040 | .040 | .042 | .042 | .040 | .041 | .042 | .041 | .042 | .045 | .045 | 23 | .049 | |
| 24 | .045 | .049 | .046 | .047 | .046 | .046 | .046 | .048 | .045 | .041 | .040 | .034 | BF | .033 | .032 | .032 | .031 | .033 | .042 | .042 | .044 | .045 | .047 | .048 | 23 | .049 | |
| 25 | .047 | .046 | .044 | .041 | .038 | .038 | .040 | .042 | .043 | .044 | .044 | .042 | BF | .042 | .040 | .042 | .043 | .043 | .044 | .042 | .043 | .043 | .043 | .044 | 23 | .047 | |
| 26 | .043 | .043 | .044 | .044 | .042 | .041 | .048 | .039 | .038 | .038 | .040 | .039 | BF | AI | AZ | .040 | .047 | .044 | .042 | .042 | .042 | .042 | .043 | .041 | 21 | .048 | |
| 27 | .037 | .036 | .036 | .038 | .038 | .036 | .038 | .040 | .037 | .039 | .044 | .044 | BF | .042 | .044 | .047 | .048 | .055 | .055 | .051 | .049 | .050 | .050 | .053 | 23 | .055 | |
| 28 | .054 | .057 | .056 | .054 | .060 | .058 | .057 | .057 | .055 | .053 | .052 | .053 | BF | .050 | .051 | .050 | .051 | .051 | .050 | .048 | .046 | .050 | .050 | .045 | 23 | .060 | |
| 29 | .042 | .045 | .041 | .042 | .042 | .039 | .038 | .038 | .036 | .038 | .036 | .037 | BF | .037 | .038 | .035 | .036 | .044 | .048 | .050 | .049 | .049 | .050 | .050 | 23 | .050 | |
| 30 | .053 | .051 | .050 | .049 | .048 | .047 | .050 | .048 | .049 | .047 | .044 | .042 | BF | .045 | .044 | .043 | .041 | .042 | .042 | .041 | .041 | .041 | .040 | .042 | 23 | .053 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| NO.: | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 22 | 20 | 20 | 20 | 21 | | 21 | 21 | 23 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | | | |
| MAX: | .054 | .057 | .056 | .054 | .060 | .058 | .057 | .057 | .055 | .053 | .052 | .053 | | .050 | .051 | .054 | .051 | .055 | .055 | .055 | .054 | .052 | .050 | .053 | | | |
| AVG: | .0411 | .0418 | .0412 | .0415 | .0404 | .0402 | .0408 | .0405 | .0407 | .0399 | .0395 | .0391 | | .0385 | .0386 | .0393 | .0392 | .0398 | .0408 | .0416 | .0420 | .0420 | .0418 | .0414 | | | |

MONTHLY OBSERVATIONS: 521 MONTHLY MEAN: .0406 MONTHLY MAX: .060

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-199-0004 POC: 1
 COUNTY: (199) Yancey
 CITY: (00000) Not in a city
 SITE ADDRESS: 2388 State Highway 128
 SITE COMMENTS:
 MONITOR COMMENTS:

STATE: (37) North Carolina
 AQCR: (165) EASTERN MOUNTAIN
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 LONGITUDE: -82.264944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 2023
 PROBE HEIGHT: 7

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SFM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: OCTOBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .041 | .035 | .034 | .043 | .056 | .069 | .069 | .063 | AE | AE | AE | AE | BF | .041 | .041 | .039 | .052 | .060 | .060 | .060 | .062 | .060 | .056 | .056 | 19 | .069 | |
| 2 | .057 | AE | AE | AE | AE | AE | .038 | .039 | .053 | .055 | .056 | .056 | .056 | .061 | 9 | .061 | |
| 3 | .054 | .057 | .070 | .078 | .080 | AE | AE | AE | AE | AE | .044 | .056 | BF | .076 | .063 | .050 | .069 | .065 | .052 | .048 | .048 | .054 | .042 | .042 | 18 | .080 | |
| 4 | .040 | .039 | .036 | .035 | .043 | .041 | .037 | .036 | .036 | .036 | .036 | .037 | BF | .034 | .038 | .040 | .043 | .042 | .042 | .044 | .046 | .045 | .051 | .073 | 23 | .073 | |
| 5 | .078 | .077 | .075 | .070 | .057 | .059 | .059 | .060 | .055 | .049 | .051 | .049 | BF | .043 | .042 | .044 | .045 | .049 | .053 | .065 | .056 | .055 | .067 | .060 | 23 | .078 | |
| 6 | .056 | .056 | .055 | .059 | .053 | .057 | .057 | .060 | .058 | .058 | .056 | .049 | BF | .046 | AI | AO | AO | 13 | .060 |
| 7 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | 0 |
| 8 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | 0 |
| 9 | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | AO | 0 | 0 |
| 10 | AO | BA | AI | .020 | BF | .021 | .020 | .021 | .021 | .022 | .022 | .021 | .021 | .022 | .025 | .030 | 12 | .030 | |
| 11 | .031 | .031 | .034 | .034 | .032 | .030 | .029 | .026 | .026 | .025 | .025 | .027 | BF | .031 | .031 | .033 | .031 | .032 | .032 | .032 | .031 | .028 | .027 | .036 | 23 | .036 | |
| 12 | .041 | .039 | .034 | .033 | .039 | .043 | .043 | .047 | .044 | .037 | .035 | .034 | BF | .035 | .037 | .043 | .040 | .037 | .037 | .039 | .036 | .029 | .031 | .029 | 23 | .047 | |
| 13 | .029 | .030 | .032 | .034 | .037 | .033 | .036 | .036 | .035 | .031 | .033 | .035 | BF | .039 | .037 | .036 | .032 | .031 | .040 | .043 | .044 | .044 | .044 | .037 | 23 | .044 | |
| 14 | .032 | .031 | .037 | .039 | .037 | .037 | .039 | .039 | .039 | .038 | .038 | .040 | BF | .040 | .040 | .041 | .042 | .040 | .034 | .031 | .031 | .034 | .032 | .032 | 23 | .042 | |
| 15 | .032 | .038 | .043 | .041 | .041 | .041 | .037 | .033 | .032 | .031 | .030 | .030 | BF | .030 | .030 | .029 | .027 | .026 | .029 | .031 | .030 | .030 | .031 | .028 | 23 | .043 | |
| 16 | .026 | .027 | .029 | .031 | .031 | .028 | .025 | .028 | .030 | .039 | .037 | AE | BF | .032 | .034 | .034 | .034 | .034 | .037 | .037 | .041 | .045 | AE | AE | 20 | .045 | |
| 17 | AE | AE | AE | AE | AE | AE | AE | .052 | .051 | .050 | .051 | .051 | .050 | 6 | .052 | |
| 18 | .049 | .049 | .050 | .045 | .049 | .048 | .047 | .043 | .045 | .047 | .047 | .039 | BF | .041 | .042 | .043 | .044 | .047 | .049 | .050 | .049 | .047 | .047 | .048 | 23 | .050 | |
| 19 | .047 | .047 | .050 | .053 | .052 | .051 | .051 | .052 | .052 | .051 | .049 | .048 | BF | .047 | .045 | .045 | .045 | .047 | .046 | .045 | .048 | .051 | .051 | .052 | 23 | .053 | |
| 20 | .053 | .052 | .053 | .050 | .049 | .048 | .047 | .048 | .048 | .046 | .045 | .045 | BF | .045 | .047 | .046 | .044 | .044 | .047 | .052 | .052 | .052 | .052 | .050 | 23 | .053 | |
| 21 | .049 | .050 | .050 | .050 | .052 | AE | AE | .047 | AE | .045 | .050 | .054 | .055 | .053 | .053 | .052 | .053 | .057 | 15 | .057 | |
| 22 | .056 | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | AE | 1 | .056 |
| 23 | AE | .021 | .021 | BF | .029 | .032 | .037 | .041 | .042 | .042 | .042 | .040 | .040 | .038 | .034 | 14 | .042 | |
| 24 | .039 | .039 | .043 | .044 | .044 | AE | BF | .039 | .039 | .039 | .037 | .037 | .038 | .039 | .041 | .041 | .041 | .040 | 17 | .044 | |
| 25 | .040 | .040 | .039 | .038 | .036 | .037 | .038 | .037 | .037 | .037 | .035 | .033 | BF | .032 | .033 | .034 | .034 | .035 | .037 | .037 | .038 | .037 | .037 | .039 | 23 | .040 | |
| 26 | .040 | .038 | .037 | .037 | .038 | .040 | .041 | .042 | .043 | .041 | .041 | .042 | BF | .043 | .044 | .044 | .044 | .045 | .043 | .042 | .043 | .046 | .045 | .043 | 23 | .046 | |
| 27 | .042 | .041 | .040 | .042 | .043 | .047 | .048 | .047 | .046 | .046 | .043 | .043 | BF | .042 | .041 | .040 | .041 | .041 | .043 | .044 | .042 | .042 | .041 | .039 | 23 | .048 | |
| 28 | .039 | .041 | .041 | .041 | .042 | .041 | .040 | .038 | .039 | .038 | .037 | .036 | BF | .041 | .040 | .040 | .040 | .040 | .044 | .043 | .044 | .042 | .041 | .040 | 23 | .044 | |
| 29 | .041 | .041 | .040 | .041 | .041 | .042 | .033 | .015 | .015 | .017 | .017 | .016 | BF | .019 | .020 | .024 | .027 | .028 | .026 | .026 | .026 | AE | AE | AE | 20 | .042 | |
| 30 | AE | AE | .035 | .034 | .035 | .035 | .036 | .037 | .038 | .041 | .043 | .044 | .047 | 11 | .047 | |
| 31 | .047 | .047 | .046 | .046 | .047 | .048 | .048 | .049 | .048 | .048 | .048 | .048 | BF | .047 | .046 | .045 | .045 | .046 | .049 | .045 | .044 | .044 | .045 | .047 | 23 | .049 | |
| NO.: | 24 | 22 | 22 | 22 | 22 | 19 | 19 | 19 | 18 | 19 | 20 | 21 | | 25 | 23 | 24 | 25 | 25 | 26 | 26 | 26 | 25 | 24 | 24 | | | |
| MAX: | .078 | .077 | .075 | .078 | .080 | .069 | .069 | .063 | .058 | .058 | .056 | .056 | | .076 | .063 | .050 | .069 | .065 | .060 | .065 | .062 | .060 | .067 | .073 | | | |
| AVG: | .0441 | .0430 | .0440 | .0447 | .0454 | .0442 | .0434 | .0421 | .0404 | .0387 | .0384 | .0375 | | .0390 | .0381 | .0386 | .0400 | .0408 | .0423 | .0428 | .0428 | .0436 | .0437 | .0446 | | | |

MONTHLY OBSERVATIONS: 520 MONTHLY MEAN: .0419 MONTHLY MAX: .080

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

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 AIR QUALITY SYSTEM
 RAW DATA REPORT

May. 30, 2018

(44201) Ozone

SITE ID: 37-199-0004 POC: 1
 COUNTY: (199) Yancey
 CITY: (00000) Not in a city
 SITE ADDRESS: 2388 State Highway 128
 SITE COMMENTS:
 MONITOR COMMENTS:

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

CAS NUMBER: 10028-15-6
 LATITUDE: 35.765413
 LONGITUDE: -82.264944
 UTM ZONE:
 UTM NORTHING:
 UTM EASTING:
 ELEVATION-MSL: 2023
 PROBE HEIGHT: 7

SUPPORT AGENCY: (0776) North Carolina Dept Of Environmental Quality
 MONITOR TYPE: SPM
 COLLECTION AND ANALYSIS METHOD: (047) INSTRUMENTAL ULTRA VIOLET
 PQAQ: (0776) North Carolina Dept Of Environmental Quality

REPORT FOR: NOVEMBER 2017

DURATION: 1 HOUR
 UNITS: Parts per million
 MIN DETECTABLE: .005

| 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 | .047 | .047 | .046 | .044 | .043 | .043 | .043 | .044 | .045 | .045 | .045 | .044 | BF | | | | | | | | | | | | 12 | .047 | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 | |
| NO.: | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| MAX: | .047 | .047 | .046 | .044 | .043 | .043 | .043 | .044 | .045 | .045 | .045 | .044 | | | | | | | | | | | | | | | | |
| AVG: | .0470 | .0470 | .0460 | .0440 | .0430 | .0430 | .0430 | .0440 | .0450 | .0450 | .0450 | .0440 | | | | | | | | | | | | | | | | |

MONTHLY OBSERVATIONS: 12 MONTHLY MEAN: .0447 MONTHLY MAX: .047

Note: Qualifier codes with regional concurrence are shown in upper case, and those without 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 |
|----------------|--------------------------------------|----------------|
| 6 | QAPP Issue | QA |
| AD | Shelter Storm Damage | NULL |
| AE | Shelter Temperature Outside Limits | NULL |
| AI | Insufficient Data (cannot calculate) | NULL |
| AK | Filter Leak | NULL |
| AM | Miscellaneous Void | NULL |
| AN | Machine Malfunction | NULL |
| AO | Bad Weather | NULL |
| AQ | Collection Error | NULL |
| AS | Poor Quality Assurance Results | NULL |
| AT | Calibration | NULL |
| AV | Power Failure | NULL |
| AX | Precision Check | NULL |
| AY | Q C Control Points (zero/span) | NULL |
| AZ | Q C Audit | NULL |
| BA | Maintenance/Routine Repairs | NULL |
| BC | Multi-point Calibration | NULL |
| BE | Building/Site Repair | NULL |
| BF | Precision/Zero/Span | NULL |
| BJ | Operator Error | NULL |
| BK | Site computer/data logger down | NULL |

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