

User ID: AHENRY

DESIGN VALUE REPORT

Report Request ID: 1665857

Report Code: AMP480

Jul. 2, 2018

GEOGRAPHIC SELECTIONS

| Tribal Code | State | County | Site | Parameter | POC | City | AQCR | UAR | CBSA | CSA | EPA Region |
|-------------|-------|--------|------|-----------|-----|------|------|-----|------|-----|------------|
|             | 13    |        |      |           |     |      |      |     |      |     |            |
|             | 01    |        |      |           |     |      |      |     |      |     |            |
|             | 12    |        |      |           |     |      |      |     |      |     |            |
|             | 47    |        |      |           |     |      |      |     |      |     |            |
|             | 37    |        |      |           |     |      |      |     |      |     |            |
|             | 45    |        |      |           |     |      |      |     |      |     |            |

PROTOCOL SELECTIONS

| Parameter Classification | Parameter | Method | Duration |
|--------------------------|-----------|--------|----------|
| DESIGN VALUE             | 42602     |        |          |

SELECTED OPTIONS

| Option Type                | Option Value                        |
|----------------------------|-------------------------------------|
| SINGLE EVENT PROCESSING    | EXCLUDE REGIONALLY CONCURRED EVENTS |
| MERGE PDF FILES            | YES                                 |
| AGENCY ROLE                | PQAO                                |
| USER SITE METADATA         | STREET ADDRESS                      |
| QUARTERLY DATA IN WORKFILE | NO                                  |
| WORKFILE DELIMITER         | ,                                   |

DATE CRITERIA

| Start Date | End Date |
|------------|----------|
| 2017       | 2017     |

APPLICABLE STANDARDS

| Standard Description |
|----------------------|
| NO2 1-hour           |

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
PRELIMINARY DESIGN VALUE REPORT

Report Date: Jul. 2, 2018

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Jul. 2, 2018

**Pollutant:** Nitrogen dioxide (NO2)  
**Standard Units:** Parts per billion(008)  
**NAAQS Standard:** NO2 1-hour

**Design Value Year:** 2017

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Statistic:** Annual 98th Percentile **Level:** 100

**State Name:** Alabama

| <u>Site ID</u> | <u>STREET ADDRESS</u>    | 2017                        |                                  |                                 | 2016                        |                                  |                                 | 2015                        |                                  |                                 | 3-Year                        |  |
|----------------|--------------------------|-----------------------------|----------------------------------|---------------------------------|-----------------------------|----------------------------------|---------------------------------|-----------------------------|----------------------------------|---------------------------------|-------------------------------|--|
|                |                          | <u>Comp.</u><br><u>Qtrs</u> | <u>98th</u><br><u>Percentile</u> | <u>Cert&amp;</u><br><u>Eval</u> | <u>Comp.</u><br><u>Qtrs</u> | <u>98th</u><br><u>Percentile</u> | <u>Cert&amp;</u><br><u>Eval</u> | <u>Comp.</u><br><u>Qtrs</u> | <u>98th</u><br><u>Percentile</u> | <u>Cert&amp;</u><br><u>Eval</u> | <u>Design</u><br><u>Value</u> | <u>DV</u><br><u>Validity</u><br><u>Indicator</u> |
| 01-073-0023    | NO. B'HAM,SOU R.R., 3009 | 4                           | 38.0                             | Y                               | 3                           | 41.0                             | Y                               | 4                           | 40.1                             | N                               | 40                            | N  |
| 01-073-2059    | 1110 5th Street West Bi  | 3                           | 43.2                             | Y                               | 4                           | 52.8                             | Y                               | 2                           | 49.8                             | N                               | 49                            | N  |

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Jul. 2, 2018

**Pollutant:** Nitrogen dioxide (NO2)  
**Standard Units:** Parts per billion(008)  
**NAAQS Standard:** NO2 1-hour

**Design Value Year:** 2017

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Statistic:** Annual 98th Percentile **Level:** 100

**State Name:** Florida

| Site ID     | STREET ADDRESS           | 2017       |                 |            | 2016       |                 |            | 2015       |                 |            | 3-Year       |                       |
|-------------|--------------------------|------------|-----------------|------------|------------|-----------------|------------|------------|-----------------|------------|--------------|-----------------------|
|             |                          | Comp. Qtrs | 98th Percentile | Cert& Eval | Comp. Qtrs | 98th Percentile | Cert& Eval | Comp. Qtrs | 98th Percentile | Cert& Eval | Design Value | DV Validity Indicator |
| 12-011-0035 | 799 North I-95, Ft. Laud | 3          | 45.9            | Y          | 2          | 45.0            | Y          |            | 40.0            | N          | 44           | N                     |
| 12-011-8002 | 7000 N. Ocean Drive, Dar | 4          | 43.8            | Y          | 4          | 43.0            | Y          | 4          | 39.0            | Y          | 42           | Y                     |
| 12-031-0032 | 2900 Bennett Street, Jac | 4          | 34.8            | Y          | 1          | 37.0            | N          | 3          | 31.0            | Y          | 34           | N                     |
| 12-031-0108 | 5895 Pepsi Place, Jackso | 3          | 42.6            |            |            | 48.0            |            | 4          | 43.0            |            | 45           | N                     |
| 12-057-0113 | 1497 N Munro Street, Tar | 3          | 38.6            |            | 3          | 39.0            |            |            |                 |            | 39           | N                     |
| 12-057-1065 | 5121 Gandy Blvd, Tampa,  | 2          | 25.0            | Y          | 3          | 33.0            | Y          | 3          | 29.0            | Y          | 29           | N                     |
| 12-057-1111 | 601 W. Laurel Street     |            |                 |            |            |                 |            | 4          | 47.0            |            | 47           | N                     |
| 12-086-0027 | 4600 Rickenbacker Causew | 3          | 39.1            | Y          | 4          | 36.0            | Y          | 4          | 33.0            | Y          | 36           | N                     |
| 12-086-0035 | 5600 Perimeter Road      | 2          | 48.9            | Y          |            |                 |            |            |                 |            | 49           | N                     |
| 12-086-4002 | 864 NW 3rd Street, Miami | 1          | 40.1            | Y          | 4          | 42.0            | Y          | 3          | 43.0            | Y          | 42           | N                     |
| 12-095-0009 | 525 South Division Avenu | 1          | 65.8            | Y          | 2          | 50.5            | Y          |            |                 |            | 58           | N                     |
| 12-095-2002 | 213 S. Denning Ave, Wint | 4          | 29.5            | Y          | 4          | 29.0            | Y          | 4          | 25.0            | Y          | 28           | Y                     |
| 12-099-0021 | 968 N 8th Street, Lantar | 3          | 33.3            | Y          | 2          | 37.0            | Y          | 3          | 22.0            | Y          | 31           | N                     |
| 12-103-0018 | 7200-22 Avenue N., St. I | 4          | 29.2            | Y          | 4          | 31.0            | Y          | 4          | 26.0            | Y          | 29           | Y                     |
| 12-103-0027 | 6853 25th Street N., Pet | 4          | 29.4            | Y          | 2          | 27.0            | Y          |            |                 |            | 28           | N                     |
| 12-115-1006 | 4570 17th Street, Saras  | 4          | 13.9            | Y          | 4          | 15.2            | Y          | 4          | 12.0            | Y          | 14           | Y                     |

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Jul. 2, 2018

**Pollutant:** Nitrogen dioxide (NO2)  
**Standard Units:** Parts per billion(008)  
**NAAQS Standard:** NO2 1-hour

**Design Value Year:** 2017

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Statistic:** Annual 98th Percentile      **Level:** 100

**State Name:** Georgia

| Site ID     | STREET ADDRESS           | 2017       |                 |            | 2016       |                 |            | 2015       |                 |            | 3-Year       |                       |
|-------------|--------------------------|------------|-----------------|------------|------------|-----------------|------------|------------|-----------------|------------|--------------|-----------------------|
|             |                          | Comp. Qtrs | 98th Percentile | Cert& Eval | Comp. Qtrs | 98th Percentile | Cert& Eval | Comp. Qtrs | 98th Percentile | Cert& Eval | Design Value | DV Validity Indicator |
| 13-089-0002 | 2390-B Wildcat Road, Dec | 4          | 44.9            | Y          | 4          | 49.4            | Y          | 4          | 48.4            | Y          | 48           | Y                     |
| 13-089-0003 | 3073 PANTHERSVILLE ROAD, | 4          | 52.5            | Y          | 4          | 61.1            | Y          | 4          | 54.1            | Y          | 56           | Y                     |
| 13-121-0056 | Georgia Institute of Tec | 4          | 47.2            | Y          | 4          | 53.6            | Y          | 4          | 49.3            | Y          | 50           | Y                     |
| 13-223-0003 | King Farm, 160 Ralph Kir |            |                 |            |            |                 |            | 4          | 13.0            | Y          | 13           | N                     |
| 13-247-0001 | 2625 Georgia Highway 21: |            |                 |            |            |                 |            | 4          | 18.3            | Y          | 18           | N                     |

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Jul. 2, 2018

**Pollutant:** Nitrogen dioxide (NO2)  
**Standard Units:** Parts per billion(008)  
**NAAQS Standard:** NO2 1-hour

**Design Value Year:** 2017

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Statistic:** Annual 98th Percentile **Level:** 100

**State Name:** North Carolina

| Site ID     | STREET ADDRESS          | 2017       |                 |            | 2016       |                 |            | 2015       |                 |            | 3-Year       |                       |
|-------------|-------------------------|------------|-----------------|------------|------------|-----------------|------------|------------|-----------------|------------|--------------|-----------------------|
|             |                         | Comp. Qtrs | 98th Percentile | Cert& Eval | Comp. Qtrs | 98th Percentile | Cert& Eval | Comp. Qtrs | 98th Percentile | Cert& Eval | Design Value | DV Validity Indicator |
| 37-067-0022 | 1300 BLK. HATTIE AVENUE | 4          | 37.5            | Y          | 4          | 36.2            | Y          | 3          | 35.0            | Y          | 36           | N                     |
| 37-105-0002 | 4110 Blackstone Drive   | 4          | 7.3             | Y          | 4          | 6.8             | Y          | 4          | 9.0             | Y          | 8            | Y                     |
| 37-119-0041 | 1130 EASTWAY DRIVE      | 4          | 39.4            | Y          | 4          | 38.1            | Y          | 4          | 37.4            | Y          | 38           | Y                     |
| 37-119-0045 | 1030 Remount Road       | 4          | 39.8            | Y          | 4          | 39.7            | Y          | 3          | 37.3            | Y          | 39           | N                     |
| 37-183-0014 | 3801 SPRING FOREST RD.  | 4          | 35.3            | Y          | 4          | 39.0            | Y          | 4          | 32.3            | Y          | 36           | Y                     |
| 37-183-0021 | 2826 TRIPLE OAK DRIVE   | 4          | 35.0            | Y          | 4          | 31.9            | Y          | 4          | 34.5            | Y          | 34           | Y                     |

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Jul. 2, 2018

**Pollutant:** Nitrogen dioxide (NO2)  
**Standard Units:** Parts per billion(008)  
**NAAQS Standard:** NO2 1-hour

**Design Value Year:** 2017

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Statistic:** Annual 98th Percentile **Level:** 100

**State Name:** South Carolina

| Site ID     | STREET ADDRESS           | 2017       |                 |            | 2016       |                 |            | 2015       |                 |            | 3-Year       |                       |
|-------------|--------------------------|------------|-----------------|------------|------------|-----------------|------------|------------|-----------------|------------|--------------|-----------------------|
|             |                          | Comp. Qtrs | 98th Percentile | Cert& Eval | Comp. Qtrs | 98th Percentile | Cert& Eval | Comp. Qtrs | 98th Percentile | Cert& Eval | Design Value | DV Validity Indicator |
| 45-019-0003 | 4830 JENKINS AVE. [Jenki | 1          | 37.0            | N          | 2          | 28.0            | S          | 4          | 31.0            | S          | 32           | N                     |
| 45-019-0046 | 390 BULLS ISLAND ROAD (i | 2          | 9.0             | Y          | 1          | 11.0            | M          |            | 8.0             | M          | 9            | N                     |
| 45-045-0015 | 133 Perry Avenue [Green  | 4          | 40.0            | Y          | 2          | 42.0            |            | 4          | 44.0            | M          | 42           | N                     |
| 45-079-0007 | 8311 PARKLANE ROAD [Par  |            |                 |            | 1          | 35.0            |            |            |                 |            | 35           | N                     |
| 45-079-1001 | 900 CLEMSON ROAD [Sandh  | 4          | 37.0            | Y          | 1          | 40.0            | S          |            | 36.0            | M          | 38           | N                     |

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 AIR QUALITY SYSTEM  
 PRELIMINARY DESIGN VALUE REPORT

Report Date: Jul. 2, 2018

**Pollutant:** Nitrogen dioxide (NO2)  
**Standard Units:** Parts per billion(008)  
**NAAQS Standard:** NO2 1-hour

**Design Value Year:** 2017

**REPORT EXCLUDES MEASUREMENTS WITH REGIONALLY CONCURRED EVENT FLAGS.**

**Statistic:** Annual 98th Percentile      **Level:** 100

**State Name:** Tennessee

| Site ID     | STREET ADDRESS           | 2017       |                 |            | 2016       |                 |            | 2015       |                 |            | 3-Year       |                       |
|-------------|--------------------------|------------|-----------------|------------|------------|-----------------|------------|------------|-----------------|------------|--------------|-----------------------|
|             |                          | Comp. Qtrs | 98th Percentile | Cert& Eval | Comp. Qtrs | 98th Percentile | Cert& Eval | Comp. Qtrs | 98th Percentile | Cert& Eval | Design Value | DV Validity Indicator |
| 47-009-0101 | GREAT SMOKY MOUNTAINS NI | 4          | 4.9             |            | 4          | 5.2             |            | 2          | 3.7             |            | 5            | N                     |
| 47-037-0011 | 1015 TRINITY LANE        | 4          | 36.0            | Y          | 4          | 38.0            | Y          | 4          | 39.0            | Y          | 38           | Y                     |
| 47-037-0040 | 1113 Elm Hill Pike       | 4          | 51.0            | Y          | 4          | 54.0            | Y          | 4          | 55.0            | Y          | 53           | Y                     |
| 47-157-0100 | 5767 Macon Cove (Near Rc | 4          | 36.6            | S          | 4          | 36.0            | Y          | 4          | 41.0            | Y          | 38           | Y                     |

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
AIR QUALITY SYSTEM  
PRELIMINARY DESIGN VALUE REPORT

Report Date: Jul. 2, 2018

CERTIFICATION EVALUATION AND CONCURRENCE FLAG MEANINGS

| FLAG | MEANING   |
|------|---|
| M    | The monitoring organization has revised data from this monitor since the most recent certification letter received from the state.  |
| N    | The certifying agency has submitted the certification letter and required summary reports, but the certifying agency and/or EPA has determined that issues regarding the quality of the ambient concentration data cannot be resolved due to data completeness, the lack of performed quality assurance checks or the results of uncertainty statistics shown in the AMP255 report or the certification and quality assurance report. |
| S    | The certifying agency has submitted the certification letter and required summary reports. A value of "S" conveys no Regional assessment regarding data quality per se. This flag will remain until the Region provides an "N" or "Y" concurrence flag.   |
| U    | Uncertified. The certifying agency did not submit a required certification letter and summary reports for this monitor even though the due date has passed, or the state's certification letter specifically did not apply the certification to this monitor.   |
| X    | Certification is not required by 40 CFR 58.15 and no conditions apply to be the basis for assigning another flag value  |
| Y    | The certifying agency has submitted a certification letter, and EPA has no unresolved reservations about data quality (after reviewing the letter, the attached summary reports, the amount of quality assurance data submitted to AQS, the quality statistics, and the highest reported concentrations).   |

- Notes:**
1. Computed design values are a snapshot of the data at the time the report was run (may not be all data for year).
  2. Some PM2.5 24-hour DVs for incomplete data that are marked invalid here may be marked valid in the Official report due to additional analysis.
  3. Annual Values not meeting completeness criteria are marked with an asterisk ('\*').