

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 6/15/2020**

| 8-Hour Daily Maxima (ppm <sub>v</sub> ) |           |       |       |
|---|-----------|-------|-------|
| Day                                     | Date      | PARR  | NLRAP |
| Monday                                  | 6/15/2020 | 0.060 | 0.061 |
| Tuesday                                 | 6/16/2020 | 0.061 | 0.063 |
| Wednesday                               | 6/17/2020 | 0.072 | 0.072 |
| Thursday                                | 6/18/2020 | 0.054 | 0.061 |
| Friday                                  | 6/19/2020 | 0.045 | 0.048 |
| Saturday                                | 6/20/2020 | 0.043 | 0.046 |
| Sunday                                  | 6/21/2020 | 0.034 | 0.034 |

Cells with the following shading represent new seasonal high 8-hour values for the most recent forecast week:



Cell with the following shading represent the monitoring site that is currently the controlling monitor for attainment:



**Four Highest 8-hour Ozone Concentrations for 2020 Season (ppm<sub>v</sub>)**

| PARR  |           | NLRAP |           |
|-------|-----------|-------|-----------|
| Conc. | Date      | Conc. | Date      |
| 0.072 | 6/17/2020 | 0.072 | 6/17/2020 |
| 0.061 | 6/14/2020 | 0.065 | 6/14/2020 |
| 0.061 | 6/16/2020 | 0.063 | 6/16/2020 |
| 0.060 | 6/15/2020 | 0.061 | 6/15/2020 |

**New High Value(s)**

**New High Value(s)**

**Computation of Design Value for LR/NLR/Conway Arkansas MSA**

| 4th High Values (ppm <sub>v</sub> ) |              |              | Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2020 |              |
|-------------------------------------|--------------|--------------|---|--------------|
| Year                                | PARR         | NLRAP        |   |              |
| 2017                                | 0.058        | 0.062        |   |              |
| 2018                                | 0.064        | 0.067        | <b>PARR</b>   | <b>NLRAP</b> |
| 2019                                | 0.057        | 0.059        | 0.091   | 0.086        |
| <b>3-Year Avg. 4th High</b>         | <b>0.059</b> | <b>0.062</b> |   |              |
| 2018                                | 0.064        | 0.067        |   |              |
| 2019                                | 0.057        | 0.059        |   |              |
| 2020                                | 0.060        | 0.061        |   |              |
| Average                             | <b>0.060</b> | <b>0.062</b> |   |              |
| <b>New Running DV*</b>              | <b>0.062</b> |              |   |              |

\*New Running DV tentative assuming that four high values for 2020 have already occurred.

**Note:** The 2020 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 6/15/2020**

| 8-Hour Daily Maxima (ppm <sub>v</sub> ) |           |        |        |         |              |          |
|---|-----------|--------|--------|---------|--------------|----------|
| Day                                     | Date      | Marion | Orgill | Frayser | Shelby Farms | Hernando |
| Monday                                  | 6/15/2020 | 0.060  | 0.058  | 0.054   | 0.061        | 0.062    |
| Tuesday                                 | 6/16/2020 | 0.061  | 0.058  | 0.055   | 0.059        | 0.055    |
| Wednesday                               | 6/17/2020 | 0.054  | 0.052  | 0.047   | 0.052        | 0.057    |
| Thursday                                | 6/18/2020 | 0.069  | 0.061  | 0.061   | 0.062        | 0.059    |
| Friday                                  | 6/19/2020 | 0.063  | 0.069  | 0.060   | 0.068        | 0.056    |
| Saturday                                | 6/20/2020 | 0.059  | 0.062  | 0.057   | 0.059        | 0.055    |
| Sunday                                  | 6/21/2020 | 0.051  | 0.047  | 0.048   | 0.054        | 0.046    |

Cells with the following shading represent new seasonal high 8-hour values for the most recent forecast week:



Cell with the following shading represent the monitoring site that is currently the controlling monitor for attainment:



| Four Highest 8-hour Ozone Concentrations for 2020 Season (ppm <sub>v</sub> ) |           |        |           |         |           |              |           |          |           |
|--|-----------|--------|-----------|---------|-----------|--------------|-----------|----------|-----------|
| Marion   |           | Orgill |           | Frayser |           | Shelby Farms |           | Hernando |           |
| Conc.  | Date      | Conc.  | Date      | Conc.   | Date      | Conc.        | Date      | Conc.    | Date      |
| 0.074  | 6/13/2020 | 0.069  | 6/19/2020 | 0.062   | 6/13/2020 | 0.068        | 6/19/2020 | 0.062    | 6/15/2020 |
| 0.069  | 6/18/2020 | 0.067  | 6/2/2020  | 0.061   | 6/18/2020 | 0.067        | 6/2/2020  | 0.059    | 6/18/2020 |
| 0.068  | 6/14/2020 | 0.062  | 6/14/2020 | 0.060   | 6/19/2020 | 0.062        | 6/18/2020 | 0.058    | 6/12/2020 |
| 0.063  | 6/19/2020 | 0.062  | 6/20/2020 | 0.059   | 6/14/2020 | 0.061        | 6/15/2020 | 0.057    | 5/30/2020 |

**New High Value(s)**

**New High Value(s)**

**New High Value(s)**

**New High Value(s)**

**New High Value(s)**

| Computation of Design Values for Memphis TN-MS-AR MSA |              |              |              |              |              |   |        |        |              |          |
|---|--------------|--------------|--------------|--------------|--------------|---|--------|--------|--------------|----------|
| 4th High Values (ppm <sub>v</sub> )                   |              |              |              |              |              | Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2020 |        |        |              |          |
| Year  | Frayser      | Orgill       | Marion       | Shelby Farms | Hernando     | Frayser   | Orgill | Marion | Shelby Farms | Hernando |
| 2017  | 0.064        | 0.064        | 0.064        | 0.068        | 0.060        |   |        |        |              |          |
| 2018  | 0.068        | 0.068        | 0.070        | 0.073        | 0.069        |   |        |        |              |          |
| 2019  | 0.069        | 0.060        | 0.063        | 0.064        | 0.066        | 0.075   | 0.084  | 0.079  | 0.075        | 0.077    |
| <b>3-Year Avg. 4th High</b>                           | <b>0.067</b> | <b>0.064</b> | <b>0.065</b> | <b>0.068</b> | <b>0.065</b> |   |        |        |              |          |
| 2018  | 0.068        | 0.068        | 0.070        | 0.073        | 0.069        |   |        |        |              |          |
| 2019  | 0.069        | 0.060        | 0.063        | 0.064        | 0.066        |   |        |        |              |          |
| 2020  | 0.059        | 0.062        | 0.063        | 0.061        | 0.057        |   |        |        |              |          |
| Average   | <b>0.065</b> | <b>0.063</b> | <b>0.065</b> | <b>0.066</b> | <b>0.064</b> |   |        |        |              |          |
| <b>New RunningDV*</b>                                 | <b>0.066</b> |              |              |              |              |   |        |        |              |          |

\*New Running DV tentative assuming that four high values for 2020 have already occurred.

**Note:** The 2020 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 6/15/2020**

| 8-Hour Daily Maxima (ppm <sub>v</sub> ) |           |            |              |
|---|-----------|------------|--------------|
| Day                                     | Date      | Springdale | Fayetteville |
| Monday                                  | 6/15/2020 | 0.052      | 0.048        |
| Tuesday                                 | 6/16/2020 | 0.055      | 0.055        |
| Wednesday                               | 6/17/2020 | 0.055      | 0.054        |
| Thursday                                | 6/18/2020 | 0.046      | 0.045        |
| Friday                                  | 6/19/2020 | 0.050      | 0.048        |
| Saturday                                | 6/20/2020 | 0.041      | 0.034        |
| Sunday                                  | 6/21/2020 | 0.044      | 0.041        |

Cells with the following shading represent new seasonal high 8-hour values for the most recent forecast week:



Cells with the following shading represent the monitoring site that is currently the controlling monitor for attainment:



| Four Highest 8-hour Ozone Concentrations for 2020 Season (ppm <sub>v</sub> ) |           |              |           |
|--|-----------|--------------|-----------|
| Springdale   |           | Fayetteville |           |
| Conc.  | Date      | Conc.        | Date      |
| 0.055  | 6/16/2020 | 0.056        | 5/1/2020  |
| 0.055  | 6/17/2020 | 0.055        | 6/16/2020 |
| 0.054  | 5/1/2020  | 0.054        | 6/17/2020 |
| 0.054  | 5/2/2020  | 0.053        | 5/2/2020  |

**New High Value(s)**

**New High Value(s)**

| Computation of Design Value for Fayetteville/Springdale/Rogers Arkansas MSA |              |              |   |                     |
|---|--------------|--------------|---|---------------------|
| 4th High Values (ppm <sub>v</sub> )   |              |              | Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2020 |                     |
| Year  | Springdale   | Fayetteville |   |                     |
| 2017  | 0.061        | 0.058        |   |                     |
| 2018  | 0.064        | 0.065        | <b>Springdale</b>   | <b>Fayetteville</b> |
| 2019  | 0.061        | 0.060        | 0.087   | 0.087               |
| <b>3-year Avg. 4th High</b>   | <b>0.062</b> | <b>0.061</b> |   |                     |
| 2018  | 0.064        | 0.065        |   |                     |
| 2019  | 0.061        | 0.060        |   |                     |
| 2020  | 0.054        | 0.053        |   |                     |
| Average   | <b>0.059</b> | <b>0.059</b> |   |                     |
| <b>New Running DV*</b>  | <b>0.059</b> |              |   |                     |

\*New Running DV tentative assuming that four high values for 2020 have already occurred.

**Note:** The 2020 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 6/15/2020**

| 8-Hour Daily Maxima (ppm <sub>v</sub> ) |           |              |       |            |
|---|-----------|--------------|-------|------------|
| Day                                     | Date      | Caddo Valley | Deer  | Eagle Mtn. |
| Monday                                  | 6/15/2020 | 0.000        | 0.060 | 0.058      |
| Tuesday                                 | 6/16/2020 | 0.000        | 0.067 | 0.065      |
| Wednesday                               | 6/17/2020 | 0.000        | 0.065 | 0.065      |
| Thursday                                | 6/18/2020 | 0.000        | 0.054 | 0.053      |
| Friday                                  | 6/19/2020 | 0.000        | 0.042 | 0.050      |
| Saturday                                | 6/20/2020 | 0.000        | 0.039 | 0.051      |
| Sunday                                  | 6/21/2020 | 0.000        | 0.043 | 0.042      |

Cells with the following shading represent new seasonal high 8-hour values for the current forecast period:



| Four Highest 8-hour Ozone Concentrations for 2020 Season (ppm <sub>v</sub> ) |           |       |           |            |           |
|--|-----------|-------|-----------|------------|-----------|
| Caddo Valley   |           | Deer  |           | Eagle Mtn. |           |
| Conc.  | Date      | Conc. | Date      | Conc.      | Date      |
| 0.054  | 5/1/2020  | 0.067 | 6/16/2020 | 0.065      | 6/16/2020 |
| 0.049  | 4/30/2020 | 0.065 | 6/17/2020 | 0.065      | 6/17/2020 |
| 0.048  | 5/2/2020  | 0.061 | 6/7/2020  | 0.058      | 5/1/2020  |
| 0.048  | 6/2/2020  | 0.061 | 6/14/2020 | 0.058      | 6/14/2020 |

**New High Value(s)**

**New High Value(s)**

| Computation of Design Value for Non-MSA Monitors |              |              |              |   |       |            |
|--|--------------|--------------|--------------|---|-------|------------|
| 4th High Values (ppm <sub>v</sub> )              |              |              |              | Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2020 |       |            |
| Year   | Caddo Valley | Deer         | Eagle Mtn.   | Caddo Valley  | Deer  | Eagle Mtn. |
| 2017   | 0.058        | 0.056        | 0.061        |   |       |            |
| 2018   | 0.062        | 0.062        | 0.064        |   |       |            |
| 2019   | 0.057        | 0.059        | 0.065        | 0.093   | 0.091 | 0.083      |
| <b>3-year Avg. 4th High</b>                      | <b>0.059</b> | <b>0.059</b> | <b>0.063</b> |   |       |            |
| 2018   | 0.062        | 0.062        | 0.064        |   |       |            |
| 2019   | 0.057        | 0.059        | 0.065        |   |       |            |
| 2020   | 0.048        | 0.061        | 0.058        |   |       |            |
| <b>Average</b>                                   | <b>0.055</b> | <b>0.060</b> | <b>0.062</b> |   |       |            |

**Note:** The 2020 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.