

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 7/6/2020**

| <b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b> |             |             |              |
|--|-------------|-------------|--------------|
| <b>Day</b>                                   | <b>Date</b> | <b>PARR</b> | <b>NLRAP</b> |
| Monday                                       | 7/6/2020    | 0.042       | 0.043        |
| Tuesday                                      | 7/7/2020    | 0.036       | 0.040        |
| Wednesday                                    | 7/8/2020    | 0.037       | 0.041        |
| Thursday                                     | 7/9/2020    | 0.030       | 0.027        |
| Friday                                       | 7/10/2020   | 0.050       | 0.043        |
| Saturday                                     | 7/11/2020   | 0.038       | 0.029        |
| Sunday                                       | 7/12/2020   | 0.045       | 0.042        |

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>)**

| <b>PARR</b>  |             | <b>NLRAP</b> |             |
|--------------|-------------|--------------|-------------|
| <b>Conc.</b> | <b>Date</b> | <b>Conc.</b> | <b>Date</b> |
| 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   |

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

| <b>4th High Values (ppm<sub>v</sub>)</b> |              |              | <b>Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2020</b> |              |
|--|--------------|--------------|--|--------------|
| <b>Year</b>                              | <b>PARR</b>  | <b>NLRAP</b> | <b>PARR</b>  | <b>NLRAP</b> |
| 2017                                     | 0.058        | 0.062        |  |              |
| 2018                                     | 0.064        | 0.067        | 0.091  | 0.086        |
| 2019                                     | 0.057        | 0.059        |  |              |
| <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: 7/6/2020**

| 8-Hour Daily Maxima (ppm <sub>v</sub> ) |           |        |        |         |              |          |
|---|-----------|--------|--------|---------|--------------|----------|
| Day                                     | Date      | Marion | Orgill | Frayser | Shelby Farms | Hernando |
| Monday                                  | 7/6/2020  | 0.048  | 0.041  | 0.035   | 0.038        | 0.034    |
| Tuesday                                 | 7/7/2020  | 0.059  | 0.047  | 0.047   | 0.060        | 0.037    |
| Wednesday                               | 7/8/2020  | 0.032  | 0.041  | 0.035   | 0.034        | 0.021    |
| Thursday                                | 7/9/2020  | 0.036  | 0.044  | 0.033   | 0.039        | 0.026    |
| Friday                                  | 7/10/2020 | 0.055  | 0.055  | 0.048   | 0.056        | 0.055    |
| Saturday                                | 7/11/2020 | 0.044  | 0.027  | 0.042   | 0.051        | 0.052    |
| Sunday                                  | 7/12/2020 | 0.048  | 0.046  | 0.044   | 0.049        | 0.041    |

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      |
| 0.075  | 6/25/2020 | 0.069  | 6/19/2020 | 0.062   | 6/13/2020 | 0.068        | 6/19/2020 | 0.062    | 6/15/2020 |
| 0.074  | 6/13/2020 | 0.067  | 6/2/2020  | 0.061   | 6/18/2020 | 0.067        | 6/2/2020  | 0.059    | 6/18/2020 |
| 0.069  | 6/18/2020 | 0.062  | 6/14/2020 | 0.060   | 6/19/2020 | 0.062        | 6/18/2020 | 0.058    | 6/12/2020 |
| 0.068  | 6/14/2020 | 0.062  | 6/20/2020 | 0.060   | 6/25/2020 | 0.061        | 6/15/2020 | 0.057    | 5/30/2020 |

| 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  | 0.060        | 0.062        | 0.068        | 0.061        | 0.057        |   |        |        |              |          |
| Average   | <b>0.065</b> | <b>0.063</b> | <b>0.067</b> | <b>0.066</b> | <b>0.064</b> |   |        |        |              |          |
| <b>New RunningDV*</b>                                 | <b>0.067</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: 7/6/2020**

| 8-Hour Daily Maxima (ppm <sub>v</sub> ) |           |            |              |
|---|-----------|------------|--------------|
| Day                                     | Date      | Springdale | Fayetteville |
| Monday                                  | 7/6/2020  | 0.040      | 0.036        |
| Tuesday                                 | 7/7/2020  | 0.039      | 0.033        |
| Wednesday                               | 7/8/2020  | 0.041      | 0.035        |
| Thursday                                | 7/9/2020  | 0.029      | 0.029        |
| Friday                                  | 7/10/2020 | 0.042      | 0.032        |
| Saturday                                | 7/11/2020 | 0.037      | 0.034        |
| Sunday                                  | 7/12/2020 | 0.052      | 0.049        |

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      |
| 0.057      | 7/3/2020  | 0.056        | 5/1/2020  |
| 0.055      | 6/16/2020 | 0.055        | 6/16/2020 |
| 0.055      | 6/17/2020 | 0.055        | 7/3/2020  |
| 0.054      | 5/1/2020  | 0.054        | 6/17/2020 |

**Computation of Design Value for Fayetteville/Springdale/Rogers Arkansas MSA**

| 4th High Values (ppm <sub>v</sub> ) |              |              |   |
|-------------------------------------|--------------|--------------|---|
| Year                                | Springdale   | Fayetteville | Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2020 |
| 2017                                | 0.061        | 0.058        |   |
| 2018                                | 0.064        | 0.065        |   |
| 2019                                | 0.061        | 0.060        |   |
| <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        | 0.054        |   |
| 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:**

**7/6/2020**

| 8-Hour Daily Maxima (ppm <sub>v</sub> ) |           |              |       |            |
|---|-----------|--------------|-------|------------|
| Day                                     | Date      | Caddo Valley | Deer  | Eagle Mtn. |
| Monday                                  | 7/6/2020  | 0.023        | 0.035 | 0.035      |
| Tuesday                                 | 7/7/2020  | 0.027        | 0.034 | 0.032      |
| Wednesday                               | 7/8/2020  | 0.027        | 0.027 | 0.028      |
| Thursday                                | 7/9/2020  | 0.024        | 0.045 | 0.027      |
| Friday                                  | 7/10/2020 | 0.022        | 0.044 | 0.027      |
| Saturday                                | 7/11/2020 | 0.028        | 0.038 | 0.043      |
| Sunday                                  | 7/12/2020 | 0.037        | 0.044 | 0.044      |

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 |

| 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.