Ozone Maxima (ppm_v) for Forecast Period Starting:

| 8-I | 8-Hour Daily Maxima (ppm _v) | | | | | | | | | |
|-----------|---|-------|-------|--|--|--|--|--|--|--|
| Day | Date | PARR | NLRAP | | | | | | | |
| Monday | 9/16/2019 | 0.051 | 0.057 | | | | | | | |
| Tuesday | 9/17/2019 | 0.051 | 0.056 | | | | | | | |
| Wednesday | 9/18/2019 | 0.051 | 0.059 | | | | | | | |
| Thursday | 9/19/2019 | 0.047 | 0.052 | | | | | | | |
| Friday | 9/20/2019 | 0.024 | 0.026 | | | | | | | |
| Saturday | 9/21/2019 | 0.032 | 0.036 | | | | | | | |
| Sunday | 9/22/2019 | 0.029 | 0.031 | | | | | | | |

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 monitoirng site that is currently the controlling monitor for attainment:

| Four H | ighest 8-hour Ozon | e Concentrations | for 2019 Se | |
|--------|--------------------|------------------|-------------|--|
| PA | ARR | NL | NLRAP | |
| Conc. | Date | Conc. | Date | |
| 0.059 | 8/3/2019 | 0.062 | 3/22/2019 | |
| 0.059 | 9/7/2019 | 0.060 | 7/26/2019 | |
| 0.058 | 8/1/2019 | 0.060 | 9/3/2019 | |
| 0.057 | 6/3/2019 | 0.059 | 5/14/2019 | |

| Computation of Design Value for LR/NLR/Conway Arkansas MSA | | | | | | | | | | |
|--|-------------|-------------------|----------------------|-----------------|--|--|--|--|--|--|
| 4th High Va | Maximum 4th | High 8hr Value To | | | | | | | | |
| Year | PARR | PARR NLRAP | | w 2015 Standard | | | | | | |
| 2016 | 0.065 | 0.063 | (0.070 ppm) for 2019 | | | | | | | |
| 2017 | 0.058 | 0.062 | PARR | NLRAP | | | | | | |
| 2018 | 0.064 | 0.067 | 0.090 | 0.083 | | | | | | |
| 3-Year Avg. 4th High | 0.062 | 0.064 | | | | | | | | |
| 2017 | 0.058 | 0.062 | | | | | | | | |
| 2018 | 0.064 | 0.067 | | | | | | | | |
| 2019 | 0.057 | 0.059 | | | | | | | | |
| Average | 0.059 | 0.062 | | | | | | | | |
| New Running DV* | 0. | 062 | | | | | | | | |

*New Running DV tentative assuming that four high values for 2019 have already occurred.

Note: The 2019 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_v) for Forecast Period Starting: 9/16/2019

| | 8-Hour Daily Maxima (ppm _v) | | | | | | | | | | |
|-----------|---|--------|--------|---------|-----------------|----------|--|--|--|--|--|
| Day | Date | Marion | Orgill | Frayser | Shelby Farms | Hernando | | | | | |
| Monday | 9/16/2019 | 0.063 | 0.054 | 0.058 | 0.058 | 0.054 | | | | | |
| Tuesday | 9/17/2019 | 0.065 | 0.060 | 0.067 | 0.063 | 0.082 | | | | | |
| Wednesday | 9/18/2019 | 0.071 | 0.059 | 0.075 | 0.067 | 0.067 | | | | | |
| Thursday | 9/19/2019 | 0.063 | 0.054 | 0.061 | 0.050 | 0.043 | | | | | |
| Friday | 9/20/2019 | 0.041 | 0.046 | 0.044 | 0.043 | 0.040 | | | | | |
| Saturday | 9/21/2019 | 0.042 | 0.047 | 0.047 | 0.043 | 0.041 | | | | | |
| Sunday | 9/22/2019 | 0.038 | 0.041 | 0.041 | 0.038 | 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 monitoirng site that is currently the controlling monitor for attainment:

| Four Highest 8-hour Ozone Concentrations for 2019 Season (ppm _v) | | | | | | | | | | | | |
|--|--|--|--|---|---|--|--|--|---|--|---|---|
| Marion | | Orgill | | F | rayser | | Shelby | Farms | | Her | nando | |
| Date | | Conc. | Date | | Conc. | Date | | Conc. | Date | | Conc. | Date |
| 9/18/2019 | | 0.064 | 5/16/2019 | | 0.075 | 9/18/2019 | | 0.067 | 5/15/2019 | | 0.082 | 9/17/2019 |
| 9/17/2019 | | 0.063 | 5/17/2019 | | 0.072 | 8/31/2019 | | 0.067 | 9/18/2019 | | 0.071 | 9/4/2019 |
| 6/2/2019 | | 0.061 | 6/14/2019 | | 0.070 | 9/10/2019 | | 0.066 | 5/16/2019 | | 0.067 | 9/18/2019 |
| 9/16/2019 | | 0.060 | 4/9/2019 | | 0.069 | 9/9/2019 |] [| 0.064 | 6/1/2019 |] | 0.066 | 8/2/2019 |
| | Date 9/18/2019 9/17/2019 6/2/2019 | Date 9/18/2019 9/17/2019 6/2/2019 | Date Conc. 9/18/2019 0.064 9/17/2019 0.063 6/2/2019 0.061 | Conc. Date 9/18/2019 0.064 5/16/2019 9/17/2019 0.063 5/17/2019 6/2/2019 0.061 6/14/2019 | Conc. Date 9/18/2019 0.064 5/16/2019 9/17/2019 0.063 5/17/2019 6/2/2019 0.061 6/14/2019 | Conc. Date Conc. Date Conc. 9/18/2019 0.064 5/16/2019 0.075 9/17/2019 0.063 5/17/2019 0.072 6/2/2019 0.061 6/14/2019 0.070 | Conc. Date Conc. Date 9/18/2019 0.064 5/16/2019 0.075 9/18/2019 9/17/2019 0.063 5/17/2019 0.072 8/31/2019 6/2/2019 0.061 6/14/2019 0.070 9/10/2019 | Orgill Frayser Date Conc. Date 9/18/2019 0.064 5/16/2019 9/17/2019 0.063 5/17/2019 6/2/2019 0.061 6/14/2019 | Conc. Date Frayser Shelby 9/18/2019 0.064 5/16/2019 0.075 9/18/2019 0.067 9/17/2019 0.063 5/17/2019 0.072 8/31/2019 0.067 6/2/2019 0.061 6/14/2019 0.070 9/10/2019 0.066 | Conc. Date Frayser Shelby Farms 9/18/2019 0.064 5/16/2019 0.075 9/18/2019 9/17/2019 0.063 5/17/2019 0.072 8/31/2019 6/2/2019 0.061 6/14/2019 0.070 9/10/2019 | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ |

New High Value(s)

New High Value(s)

New High Value(s)

New High Value(s)

| Ath Uig | | | | r | his TN-MS-AR | | | | |
|-------------------------------------|---|--|---|--|---|---|---|--|---|
| 4th High Values (ppm _v) | | | | | | | | | |
| Frayser | Orgill | Marion | Shelby Farms | Hernando | Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2019 | | | | |
| 0.071 | 0.067 | 0.070 | 0.068 | 0.066 | Enouron | Oncill | Marian | Shelby | Hernando |
| 0.064 | 0.064 | 0.064 | 0.068 | 0.060 | Frayser | Orgin | Marion | Farms | |
| 0.068 | 0.068 | 0.070 | 0.073 | 0.069 | 0.080 | 0.080 | 0.078 | 0.071 | 0.083 |
| 0.067 | 0.066 | 0.068 | 0.069 | 0.065 | | | | | |
| 0.064 | 0.064 | 0.064 | 0.068 | 0.060 | | | | | |
| 0.068 | 0.068 | 0.070 | 0.073 | 0.069 | | | | | |
| 0.069 | 0.060 | 0.063 | 0.064 | 0.066 | | | | | |
| 0.067 | 0.064 | 0.065 | 0.068 | 0.065 | | | | | |
| | | 0.068 | | | | | | | |
| | 0.071 0.064 0.068 0.067 0.064 0.068 0.069 0.069 0.067 | 0.071 0.067 0.064 0.064 0.068 0.068 0.067 0.066 0.064 0.064 0.068 0.064 0.069 0.060 0.067 0.064 | 0.071 0.067 0.070 0.064 0.064 0.064 0.068 0.068 0.070 0.067 0.066 0.068 0.064 0.064 0.064 0.067 0.066 0.068 0.064 0.064 0.064 0.068 0.068 0.070 0.069 0.060 0.063 0.067 0.064 0.065 0.068 0.064 0.065 | Frayser Orgill Marion Farms 0.071 0.067 0.070 0.068 0.064 0.064 0.064 0.068 0.068 0.068 0.070 0.073 0.067 0.066 0.068 0.069 0.064 0.064 0.064 0.068 0.067 0.066 0.068 0.069 0.068 0.068 0.070 0.073 0.069 0.060 0.063 0.064 0.067 0.064 0.065 0.068 0.067 0.064 0.065 0.068 | Frayser Orgili Marion Farms Hernando 0.071 0.067 0.070 0.068 0.066 0.064 0.064 0.064 0.068 0.060 0.068 0.068 0.070 0.073 0.069 0.067 0.066 0.068 0.069 0.065 0.064 0.064 0.064 0.068 0.060 0.068 0.068 0.070 0.073 0.069 0.064 0.064 0.064 0.068 0.060 0.068 0.069 0.069 0.069 0.069 0.069 0.060 0.063 0.064 0.066 0.067 0.064 0.065 0.068 0.065 0.067 0.064 0.065 0.068 0.065 | Frayser Orgili Marion Farms Hernando 0.071 0.067 0.070 0.068 0.066 Frayser 0.064 0.064 0.064 0.068 0.060 Frayser 0.068 0.068 0.070 0.073 0.069 0.080 0.067 0.066 0.068 0.069 0.065 | Frayser Orgill Marion Shelby Farms Hernando Below 2015 Sta 0.071 0.067 0.070 0.068 0.066 Frayser Orgill 0.064 0.064 0.064 0.068 0.060 Frayser Orgill 0.068 0.068 0.069 0.069 0.080 0.080 0.067 0.066 0.068 0.069 0.065 0.080 0.080 0.064 0.064 0.063 0.069 0.065 0.080 0.080 0.069 0.060 0.063 0.069 0.069 0.069 0.069 0.067 0.064 0.065 0.068 0.069 0.069 0.069 0.069 0.060 0.063 0.064 0.065 0.065 0.065 0.067 0.064 0.065 0.068 0.065 0.065 0.067 0.064 0.065 0.068 0.065 0.065 | Frayser Orgill Marion Shelby Farms Hernando Below 2015 Standard (0.070 pp 0.071 0.067 0.070 0.068 0.066 Frayser Orgill Marion 0.064 0.064 0.064 0.068 0.060 Frayser Orgill Marion 0.068 0.064 0.064 0.068 0.069 0.080 0.080 0.078 0.067 0.066 0.068 0.069 0.065 0.069 0.069 0.080 0.078 0.064 0.064 0.063 0.069 0.069 0.080 0.078 0.078 0.069 0.064 0.068 0.069 0.080 0.078 0.078 0.068 0.069 0.069 0.069 0.069 0.069 0.069 0.069 0.060 0.063 0.064 0.065 0.065 0.065 0.067 0.064 0.065 0.068 0.065 0.065 0.065 | Frayser Orgill Marion Shelby Farms Hernando Below 2015 Standard (0.070 ppm) for 2019 0.071 0.067 0.070 0.068 0.066 Frayser Orgill Marion Shelby Farms 0.064 0.064 0.064 0.068 0.060 Frayser Orgill Marion Shelby Farms 0.068 0.068 0.070 0.073 0.069 0.080 0.080 0.078 0.071 0.067 0.066 0.068 0.069 0.065 0.069 0.069 0.080 0.078 0.071 0.064 0.064 0.068 0.069 0.069 0.069 0.069 0.069 0.069 0.069 0.069 0.069 0.065 0.068 0.065 0.068 0.065 |

*New Running DV tentative assuming that four high values for 2019 have already occurred. **Note:** The 2019 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_v) for Forecast Period Starting:

| 8 | 8-Hour Daily Maxima (ppm _v) | | | | | | | | | |
|-----------|---|------------|--------------|--|--|--|--|--|--|--|
| Day | Date | Springdale | Fayetteville | | | | | | | |
| Monday | 9/16/2019 | 0.051 | 0.047 | | | | | | | |
| Tuesday | 9/17/2019 | 0.046 | 0.047 | | | | | | | |
| Wednesday | 9/18/2019 | 0.046 | 0.048 | | | | | | | |
| Thursday | 9/19/2019 | 0.037 | 0.037 | | | | | | | |
| Friday | 9/20/2019 | 0.028 | 0.028 | | | | | | | |
| Saturday | 9/21/2019 | 0.036 | 0.037 | | | | | | | |
| Sunday | 9/22/2019 | 0.030 | 0.030 | | | | | | | |

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

9/16/2019

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

| Four Highest 8-hour Ozone Concentrations for 2019 Season (ppm _v) | | | | | | | | | |
|--|-----------|--|--------------|-----------|--|--|--|--|--|
| Springdale | | | Fayetteville | | | | | | |
| Conc. | Date | | Conc. | Date | | | | | |
| 0.066 | 5/31/2019 | | 0.064 | 4/9/2019 | | | | | |
| 0.063 | 4/9/2019 | | 0.064 | 4/10/2019 | | | | | |
| 0.061 | 4/10/2019 | | 0.062 | 9/4/2019 | | | | | |
| 0.061 | 6/19/2019 | | 0.060 | 3/28/2019 | | | | | |

| Computation of Desig | Computation of Design Value for Fayetteville/Springdale/Rogers Arkansas MSA | | | | | | | | | | |
|----------------------|---|--------------|---|---|--|--|--|--|--|--|--|
| 4th High V | | | | | | | | | | | |
| Year | Springdale | Fayetteville | 0 | h 8hr Value To Remain ard (0.070 ppm) for 2019 | | | | | | | |
| 2016 | 0.056 | 0.058 | Below 2013 Standard (0.070 ppm) for 20. | | | | | | | | |
| 2017 | 0.061 | 0.058 | Springdale Fayetteville | | | | | | | | |
| 2018 | 0.064 | 0.065 | 0.087 | 0.089 | | | | | | | |
| 3-year Avg. 4th High | 0.060 | 0.060 | | | | | | | | | |
| 2017 | 0.061 | 0.058 | | | | | | | | | |
| 2018 | 0.064 | 0.065 | | | | | | | | | |
| 2019 | 0.061 | 0.060 | | | | | | | | | |
| Average | 0.062 | 0.061 | | | | | | | | | |
| New Running DV* | 0.0 | 062 | | | | | | | | | |

*New Running DV tentative assuming that four high values for 2019 have already occurred.

Note: The 2019 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_v) for Forecast Period Starting:

| | 8-Hour Daily Maxima (ppm _v) | | | | | | | | | | |
|-----------|---|----------------------|-------|------------|--|--|--|--|--|--|--|
| Day | Date | Date Caddo Valley | | Eagle Mtn. | | | | | | | |
| Monday | 9/16/2019 | 0.050 | 0.054 | 0.053 | | | | | | | |
| Tuesday | 9/17/2019 | 0.044 | 0.055 | 0.044 | | | | | | | |
| Wednesday | 9/18/2019 | 0.042 | 0.059 | 0.040 | | | | | | | |
| Thursday | 9/19/2019 | 0.026 | 0.055 | 0.035 | | | | | | | |
| Friday | 9/20/2019 | 0.020 | 0.028 | 0.026 | | | | | | | |
| Saturday | 9/21/2019 | 0.036 | 0.034 | 0.037 | | | | | | | |
| Sunday | 9/22/2019 | 0.034 | 0.030 | 0.032 | | | | | | | |

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

| Four Highest 8-hour Ozone Concentrations for 2019 Season (ppm _v) | | | | | | | | | | |
|--|-----------|--|-------|-----------|--|-------|-----------|--|--|--|
| Caddo Valley | | | Deer | | | Eagl | e Mtn. | | | |
| Conc. | Date | | Conc. | Date | | Conc. | Date | | | |
| 0.060 | 9/7/2019 | | 0.067 | 4/9/2019 | | 0.076 | 4/9/2019 | | | |
| 0.058 | 3/28/2019 | | 0.061 | 5/31/2019 | | 0.066 | 4/10/2019 | | | |
| 0.058 | 4/27/2019 | | 0.060 | 5/18/2019 | | 0.065 | 9/6/2019 | | | |
| 0.057 | 4/21/2019 | | 0.059 | 9/18/2019 | | 0.065 | 9/7/2019 | | | |

New High Value(s)

| Computation of Design Value for Non-MSA Monitors | | | | | | |
|--|-----------------|-------|------------|--|-------|------------|
| 4th High Values (ppm _v) | | | | | | |
| Year | Caddo Valley | Deer | Eagle Mtn. | Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2019 | | |
| 2016 | 0.055 | 0.056 | 0.060 | Caddo Valley | Deer | Eagle Mtn. |
| 2017 | 0.058 | 0.056 | 0.061 | | | |
| 2018 | 0.062 | 0.062 | 0.064 | 0.092 | 0.094 | 0.087 |
| 3-year Avg. 4th High | 0.058 | 0.058 | 0.061 | | | |
| 2017 | 0.058 | 0.056 | 0.061 | | | |
| 2018 | 0.062 | 0.062 | 0.064 | | | |
| 2019 | 0.057 | 0.059 | 0.065 | | | |
| Average | 0.059 | 0.059 | 0.063 | | | |
| | | | | | | |

Note: The 2019 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.

9/16/2019