

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 5/13/2019**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	PARR	NLRAP
Monday	5/13/2019	0.044	0.041
Tuesday	5/14/2019	0.050	0.059
Wednesday	5/15/2019	0.051	0.052
Thursday	5/16/2019	0.056	0.057
Friday	5/17/2019	0.050	0.053
Saturday	5/18/2019	0.053	0.052
Sunday	5/19/2019	0.041	0.047

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 2019 Season (ppm<sub>v</sub>)**

PARR		NLRAP	
Conc.	Date	Conc.	Date
0.056	3/28/2019	0.062	3/22/2019
0.056	5/16/2019	0.059	5/14/2019
0.054	3/22/2019	0.058	3/28/2019
0.054	4/9/2019	0.057	5/16/2019

**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 2019	
Year	PARR	NLRAP	PARR	NLRAP
2016	0.065	0.063		
2017	0.058	0.062	0.090	0.083
2018	0.064	0.067		
<b>3-Year Avg. 4th High</b>	<b>0.062</b>	<b>0.064</b>		
2017	0.058	0.062		
2018	0.064	0.067		
2019	0.054	0.057		
Average	<b>0.058</b>	<b>0.062</b>		
<b>New Running DV*</b>	<b>0.062</b>			

\*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<sub>v</sub>) for Forecast Period Starting: 5/13/2019**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	5/13/2019	0.041	0.041	0.038	0.042	0.043
Tuesday	5/14/2019	0.055	0.045	0.052	0.052	0.039
Wednesday	5/15/2019	0.061	0.000	0.059	0.067	0.060
Thursday	5/16/2019	0.062	0.064	0.063	0.066	0.062
Friday	5/17/2019	0.059	0.063	0.059	0.060	0.056
Saturday	5/18/2019	0.052	0.053	0.049	0.053	0.051
Sunday	5/19/2019	0.045	0.046	0.044	0.048	0.047

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 2019 Season (ppm <sub>v</sub> )									
Marion		Orgill		Frayser		Shelby Farms		Hernando	
Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date
0.062	5/16/2019	0.064	5/16/2019	0.063	5/16/2019	0.067	5/15/2019	0.062	5/16/2019
0.061	5/15/2019	0.063	5/17/2019	0.059	5/15/2019	0.066	5/16/2019	0.060	5/15/2019
0.059	4/21/2019	0.060	4/9/2019	0.059	5/17/2019	0.060	5/17/2019	0.058	3/28/2019
0.059	5/17/2019	0.060	4/21/2019	0.058	5/6/2019	0.058	4/9/2019	0.058	4/9/2019

**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 2019				
Year	Frayser	Orgill	Marion	Shelby Farms	Hernando	Frayser	Orgill	Marion	Shelby Farms	Hernando
2016	0.071	0.067	0.070	0.068	0.066					
2017	0.064	0.064	0.064	0.068	0.060					
2018	0.068	0.068	0.070	0.073	0.069	0.080	0.080	0.078	0.071	0.083
<b>3-Year Avg. 4th High</b>	<b>0.067</b>	<b>0.066</b>	<b>0.068</b>	<b>0.069</b>	<b>0.065</b>					
2017	0.064	0.064	0.064	0.068	0.060					
2018	0.068	0.068	0.070	0.073	0.069					
2019	0.058	0.060	0.059	0.058	0.058					
Average	<b>0.063</b>	<b>0.064</b>	<b>0.064</b>	<b>0.066</b>	<b>0.062</b>					
<b>New RunningDV*</b>	<b>0.066</b>									

\*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<sub>v</sub>) for Forecast Period Starting: 5/13/2019**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	Springdale	Fayetteville
Monday	5/13/2019	0.049	0.046
Tuesday	5/14/2019	0.052	0.049
Wednesday	5/15/2019	0.054	0.053
Thursday	5/16/2019	0.056	0.055
Friday	5/17/2019	0.052	0.053
Saturday	5/18/2019	0.053	0.057
Sunday	5/19/2019	0.058	0.057

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 2019 Season (ppm <sub>v</sub> )			
Springdale		Fayetteville	
Conc.	Date	Conc.	Date
0.063	4/9/2019	0.064	4/9/2019
0.061	4/10/2019	0.064	4/10/2019
0.059	3/27/2019	0.060	3/28/2019
0.058	3/19/2019	0.058	3/19/2019

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 2019	
Year	Springdale	Fayetteville	Springdale	Fayetteville
2016	0.056	0.058		
2017	0.061	0.058		
2018	0.064	0.065	0.087	0.089
<b>3-year Avg. 4th High</b>	<b>0.060</b>	<b>0.060</b>		
2017	0.061	0.058		
2018	0.064	0.065		
2019	0.058	0.058		
Average	<b>0.061</b>	<b>0.060</b>		
<b>New Running DV*</b>	<b>0.061</b>			

\*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<sub>v</sub>) for Forecast Period Starting: 5/13/2019**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	5/13/2019	0.041	0.045	0.054
Tuesday	5/14/2019	0.046	0.050	0.056
Wednesday	5/15/2019	0.050	0.054	0.060
Thursday	5/16/2019	0.057	0.058	0.060
Friday	5/17/2019	0.051	0.053	0.058
Saturday	5/18/2019	0.053	0.060	0.061
Sunday	5/19/2019	0.038	0.052	0.058

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 <sub>v</sub> )					
Caddo Valley		Deer		Eagle Mtn.	
Conc.	Date	Conc.	Date	Conc.	Date
0.058	3/28/2019	0.067	4/9/2019	0.076	4/9/2019
0.058	4/27/2019	0.060	5/18/2019	0.066	4/10/2019
0.057	4/21/2019	0.058	5/16/2019	0.061	5/18/2019
0.057	5/16/2019	0.056	4/20/2019	0.060	3/23/2019

**New High Value(s)**

**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 2019		
Year	Caddo Valley	Deer	Eagle Mtn.	Caddo Valley	Deer	Eagle Mtn.
2016	0.055	0.056	0.060			
2017	0.058	0.056	0.061			
2018	0.062	0.062	0.064	0.092	0.094	0.087
<b>3-year Avg. 4th High</b>	<b>0.058</b>	<b>0.058</b>	<b>0.061</b>			
2017	0.058	0.056	0.061			
2018	0.062	0.062	0.064			
2019	0.057	0.056	0.060			
<b>Average</b>	<b>0.059</b>	<b>0.058</b>	<b>0.061</b>			

**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.