

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 7/29/2019**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	PARR	NLRAP
Monday	7/29/2019	0.027	0.028
Tuesday	7/30/2019	0.040	0.039
Wednesday	7/31/2019	0.045	0.044
Thursday	8/1/2019	0.058	0.054
Friday	8/2/2019	0.054	0.055
Saturday	8/3/2019	0.059	0.056
Sunday	8/4/2019	0.052	0.048

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
0.059	8/3/2019	0.062	3/22/2019
0.058	8/1/2019	0.060	7/26/2019
0.057	6/3/2019	0.059	5/14/2019
0.056	3/28/2019	0.059	6/3/2019

**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		
2016	0.065	0.063	PARR	NLRAP
2017	0.058	0.062		
2018	0.064	0.067		
3-Year Avg. 4th High	0.062	0.064	0.090	0.083
2017	0.058	0.062		
2018	0.064	0.067		
2019	0.056	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<sub>v</sub>) for Forecast Period Starting: 7/29/2019**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	7/29/2019	0.038	0.041	0.038	0.039	0.032
Tuesday	7/30/2019	0.032	0.038	0.036	0.050	0.032
Wednesday	7/31/2019	0.047	0.043	0.046	0.046	0.052
Thursday	8/1/2019	0.053	0.048	0.052	0.050	0.056
Friday	8/2/2019	0.056	0.056	0.059	0.056	0.066
Saturday	8/3/2019	0.051	0.045	0.049	0.048	0.045
Sunday	8/4/2019	0.046	0.039	0.044	0.045	0.034

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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
0.064	6/2/2019		0.064	5/16/2019		0.063	5/16/2019		0.067	5/15/2019		0.066	8/2/2019
0.062	5/16/2019		0.063	5/17/2019		0.063	7/27/2019		0.066	5/16/2019		0.064	7/11/2019
0.062	6/3/2019		0.061	6/14/2019		0.062	7/26/2019		0.064	6/1/2019		0.063	6/2/2019
0.061	5/15/2019	0.060	4/9/2019	0.059	5/15/2019	0.064	6/2/2019	0.062	5/16/2019				

**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					
<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	0.059	0.060	0.061	0.064	0.062					
Average	<b>0.063</b>	<b>0.064</b>	<b>0.065</b>	<b>0.068</b>	<b>0.063</b>					
<b>New RunningDV*</b>	<b>0.068</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:****7/29/2019**

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>Springdale</b>	<b>Fayetteville</b>
Monday	7/29/2019	0.029	0.027
Tuesday	7/30/2019	0.038	0.042
Wednesday	7/31/2019	0.034	0.036
Thursday	8/1/2019	0.038	0.038
Friday	8/2/2019	0.029	0.025
Saturday	8/3/2019	0.028	0.030
Sunday	8/4/2019	0.040	0.042

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>)**

<b>Springdale</b>		<b>Fayetteville</b>	
<b>Conc.</b>	<b>Date</b>	<b>Conc.</b>	<b>Date</b>
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	0.060	3/28/2019
0.061	6/19/2019	0.059	6/19/2019

<b>Computation of Design Value for Fayetteville/Springdale/Rogers Arkansas MSA</b>				
<b>4th High Values (ppm<sub>v</sub>)</b>			<b>Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2019</b>	
<b>Year</b>	<b>Springdale</b>	<b>Fayetteville</b>		
2016	0.056	0.058	<b>Springdale</b>	<b>Fayetteville</b>
2017	0.061	0.058		
2018	0.064	0.065		
<b>3-year Avg. 4th High</b>	<b>0.060</b>	<b>0.060</b>	0.087	0.089
2017	0.061	0.058		
2018	0.064	0.065		
2019	0.061	0.059		
Average	<b>0.062</b>	<b>0.060</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.

<b>Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting:</b>	<b>7/29/2019</b>
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<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>				
<b>Day</b>	<b>Date</b>	<b>Caddo Valley</b>	<b>Deer</b>	<b>Eagle Mtn.</b>
Monday	7/29/2019	0.024	0.034	0.026
Tuesday	7/30/2019	0.033	0.036	0.041
Wednesday	7/31/2019	0.033	0.038	0.038
Thursday	8/1/2019	0.030	0.040	0.039
Friday	8/2/2019	0.046	0.038	0.035
Saturday	8/3/2019	0.033	0.039	0.039
Sunday	8/4/2019	0.051	0.044	0.041

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		0.061	5/31/2019		0.066	4/10/2019
0.057	4/21/2019		0.060	5/18/2019		0.061	5/18/2019
0.057	5/16/2019		0.058	5/16/2019		0.060	3/23/2019

<b>Computation of Design Value for Non-MSA Monitors</b>						
<b>4th High Values (ppm<sub>v</sub>)</b>				<b>Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2019</b>		
<b>Year</b>	<b>Caddo Valley</b>	<b>Deer</b>	<b>Eagle Mtn.</b>	<b>Caddo Valley</b>	<b>Deer</b>	<b>Eagle Mtn.</b>
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	0.058	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.