

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 9/17/2018**

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>PARR</b>	<b>NLRAP</b>
Monday	9/17/2018	0.044	0.045
Tuesday	9/18/2018	0.054	0.062
Wednesday	9/19/2018	0.051	0.062
Thursday	9/20/2018	0.042	0.051
Friday	9/21/2018	0.036	0.046
Saturday	9/22/2018	0.016	0.025
Sunday	9/23/2018	0.013	0.019

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 2018 Season (ppm<sub>v</sub>)**

<b>PARR</b>		<b>NLRAP</b>	
<b>Conc.</b>	<b>Date</b>	<b>Conc.</b>	<b>Date</b>
0.077	6/6/2018	0.070	6/5/2018
0.073	6/5/2018	0.070	6/6/2018
0.066	7/25/2018	0.070	6/7/2018
0.064	6/7/2018	0.067	5/24/2018

**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 2018</b>	
<b>Year</b>	<b>PARR</b>	<b>NLRAP</b>	<b>PARR</b>	<b>NLRAP</b>
2015	0.061	0.065		
2016	0.065	0.063		
2017	0.058	0.062	0.089	0.087
<b>3-Year Avg. 4th High</b>	<b>0.061</b>	<b>0.063</b>		
2016	0.065	0.063		
2017	0.058	0.062		
2018	0.064	0.067		
Average	<b>0.062</b>	<b>0.064</b>		
<b>New Running DV*</b>	<b>0.064</b>			

\*New Running DV tentative assuming that four high values for 2018 have already occurred.

**Note:** The 2018 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: 9/17/2018**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	9/17/2018	0.039	0.041	0.039	0.042	0.045
Tuesday	9/18/2018	0.043	0.063	0.047	0.073	0.038
Wednesday	9/19/2018	0.051	0.066	0.068	0.070	0.041
Thursday	9/20/2018	0.045	0.050	0.051	0.048	0.041
Friday	9/21/2018	0.046	0.052	0.046	0.053	0.044
Saturday	9/22/2018	0.017	0.023	0.018	0.024	0.023
Sunday	9/23/2018	0.008	0.016	0.009	0.018	0.016

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 2018 Season (ppm <sub>v</sub> )									
Marion		Orgill		Frayser		Shelby Farms		Hernando	
Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date
0.075	6/6/2018	0.075	6/14/2018	0.075	7/16/2018	0.080	7/13/2018	0.089	6/6/2018
0.075	8/3/2018	0.073	6/6/2018	0.071	6/6/2018	0.079	6/6/2018	0.075	6/5/2018
0.071	6/5/2018	0.071	6/8/2018	0.071	6/7/2018	0.076	6/14/2018	0.071	5/10/2018
0.070	6/7/2018	0.068	5/8/2018	0.068	6/8/2018	0.073	9/18/2018	0.069	5/7/2018

**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 2018				
Year	Frayser	Orgill	Marion	Shelby Farms	Hernando	Frayser	Orgill	Marion	Shelby Farms	Hernando
2015	0.065	0.066	0.066	0.066	0.061					
2016	0.071	0.067	0.070	0.068	0.066					
2017	0.064	0.064	0.064	0.068	0.060	0.077	0.081	0.078	0.076	0.086
<b>3-Year Avg. 4th High</b>	<b>0.066</b>	<b>0.065</b>	<b>0.066</b>	<b>0.067</b>	<b>0.062</b>					
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					
Average	<b>0.067</b>	<b>0.066</b>	<b>0.068</b>	<b>0.069</b>	<b>0.065</b>					
<b>New RunningDV*</b>						<b>0.069</b>				

\*New Running DV tentative assuming that four high values for 2018 have already occurred.

**Note:** The 2018 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>Springdale</b>	<b>Fayetteville</b>
Monday	9/17/2018	0.048	0.044
Tuesday	9/18/2018	0.053	0.052
Wednesday	9/19/2018	0.048	0.049
Thursday	9/20/2018	0.046	0.048
Friday	9/21/2018	0.034	0.032
Saturday	9/22/2018	0.030	0.032
Sunday	9/23/2018	0.027	0.026

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:



<b>Four Highest 8-hour Ozone Concentrations for 2018 Season (ppm<sub>v</sub>)</b>			
<b>Springdale</b>		<b>Fayetteville</b>	
<b>Conc.</b>	<b>Date</b>	<b>Conc.</b>	<b>Date</b>
0.066	8/9/2018	0.066	3/15/2018
0.065	5/6/2018	0.066	4/24/2018
0.064	8/10/2018	0.066	8/1/2018
0.064	7/20/2018	0.065	5/7/2018

<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 2018</b>	
<b>Year</b>	<b>Springdale</b>	<b>Fayetteville</b>	<b>Springdale</b>	<b>Fayetteville</b>
2015	0.064	0.061		
2016	0.056	0.058		
2017	0.061	0.058	0.095	0.096
<b>3-year Avg. 4th High</b>	<b>0.060</b>	<b>0.059</b>		
2016	0.056	0.058		
2017	0.061	0.058		
2018	0.064	0.065		
Average	<b>0.060</b>	<b>0.060</b>		
<b>New Running DV*</b>	<b>0.060</b>			

\*New Running DV tentative assuming that four high values for 2018 have already occurred.

**Note:** The 2018 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: 9/17/2018**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	9/17/2018	0.042	0.040	0.046
Tuesday	9/18/2018	0.047	0.040	0.048
Wednesday	9/19/2018	0.043	0.043	0.051
Thursday	9/20/2018	0.044	0.046	0.048
Friday	9/21/2018	0.026	0.038	0.031
Saturday	9/22/2018	0.019	0.029	0.025
Sunday	9/23/2018	0.013	0.018	0.022

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



Four Highest 8-hour Ozone Concentrations for 2018 Season (ppm <sub>v</sub> )					
Caddo Valley		Deer		Eagle Mtn.	
Conc.	Date	Conc.	Date	Conc.	Date
0.066	3/15/2018	0.065	3/15/2018	0.072	6/12/2018
0.062	4/18/2018	0.064	6/5/2018	0.068	3/15/2018
0.062	5/8/2018	0.062	4/24/2018	0.065	5/8/2018
0.062	6/6/2018	0.062	5/8/2018	0.064	5/7/2018

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 2018		
Year	Caddo Valley	Deer	Eagle Mtn.	Caddo Valley	Deer	Eagle Mtn.
2015	0.060	0.061	0.065			
2016	0.055	0.056	0.060			
2017	0.058	0.056	0.061	0.099	0.100	0.091
<b>3-year Avg. 4th High</b>	<b>0.057</b>	<b>0.057</b>	<b>0.062</b>			
2016	0.055	0.056	0.060			
2017	0.058	0.056	0.061			
2018	0.062	0.062	0.064			
<b>Average</b>	<b>0.058</b>	<b>0.058</b>	<b>0.061</b>			

**Note:** The 2018 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.