

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 8/7/2017**

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>PARR</b>	<b>NLRAP</b>
Monday	8/7/2017	0.036	0.039
Tuesday	8/8/2017	0.041	0.041
Wednesday	8/9/2017	0.042	0.060
Thursday	8/10/2017	0.031	0.036
Friday	8/11/2017	0.047	0.029
Saturday	8/12/2017	0.036	0.052
Sunday	8/13/2017	0.031	0.027

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 2016 Season (ppm<sub>v</sub>)**

<b>PARR</b>		<b>NLRAP</b>	
<b>Conc.</b>	<b>Date</b>	<b>Conc.</b>	<b>Date</b>
0.069	6/9/2017	0.075	6/9/2017
0.062	4/24/2017	0.065	5/14/2017
0.060	5/14/2017	0.063	4/24/2017
0.058	5/9/2017	0.060	4/8/2017

**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 2017</b>	
<b>Year</b>	<b>PARR</b>	<b>NLRAP</b>	<b>PARR</b>	<b>NLRAP</b>
2014	0.066	0.065		
2015	0.061	0.065		
2016	0.065	0.063	0.086	0.084
<b>3-Year Avg. 4th High</b>	<b>0.064</b>	<b>0.064</b>		
2015	0.061	0.065		
2016	0.065	0.063		
2017	0.058	0.060		
Average	<b>0.061</b>	<b>0.062</b>		
<b>New Running DV*</b>	<b>0.062</b>			

\*New Running DV tentative assuming that four high values for 2017 have already occurred.

**Note:** The 2017 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: 8/7/2017**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	8/7/2017	0.026	0.036	0.022	0.036	0.028
Tuesday	8/8/2017	0.043	0.041	0.043	0.046	0.041
Wednesday	8/9/2017	0.042	0.043	0.047	0.051	0.043
Thursday	8/10/2017	0.040	0.036	0.035	0.062	0.051
Friday	8/11/2017	0.037	0.046	0.038	0.038	0.034
Saturday	8/12/2017	0.030	0.037	0.040	0.046	0.041
Sunday	8/13/2017	0.028	0.030	0.023	0.037	0.032

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 2016 Season (ppm <sub>v</sub> )									
Marion		Orgill		Frayser		Shelby Farms		Hernando	
Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date
0.082	6/9/2017	0.068	5/15/2017	0.090	6/9/2017	0.071	6/15/2017	0.070	7/17/2017
0.067	5/14/2017	0.068	6/9/2017	0.071	5/14/2017	0.071	7/24/2017	0.061	5/9/2017
0.064	6/6/2017	0.065	7/25/2017	0.064	6/15/2017	0.068	6/20/2017	0.061	6/19/2017
0.064	6/15/2017	0.064	5/8/2017	0.064	6/20/2017	0.068	8/2/2017	0.060	4/9/2017

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 2017				
Year	Frayser	Orgill	Marion	Shelby Farms	Hernando	Frayser	Orgill	Marion	Shelby Farms	Hernando <sup>1</sup>
2014	0.067	0.065	0.067	0.066	0.067					
2015	0.065	0.066	0.066	0.066	0.061					
2016	0.071	0.067	0.070	0.068	0.066	0.076	0.079	0.076	0.078	0.085
<b>3-Year Avg. 4th High</b>	<b>0.067</b>	<b>0.066</b>	<b>0.067</b>	<b>0.066</b>	<b>0.064</b>					
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					
Average	<b>0.066</b>	<b>0.065</b>	<b>0.066</b>	<b>0.067</b>	<b>0.062</b>					
<b>New RunningDV*</b>	<b>0.067</b>									

\*New Running DV tentative assuming that four high values for 2017 have already occurred.

**Note:** The 2017 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:**

**8/7/2017**

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>Springdale</b>	<b>Fayetteville</b>
Monday	8/7/2017	0.028	0.026
Tuesday	8/8/2017	0.040	0.046
Wednesday	8/9/2017	0.043	0.047
Thursday	8/10/2017	0.053	0.037
Friday	8/11/2017	0.033	0.034
Saturday	8/12/2017	0.039	0.041
Sunday	8/13/2017	0.034	0.027

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 2016 Season (ppm<sub>v</sub>)**

<b>Springdale</b>		<b>Fayetteville</b>	
<b>Conc.</b>	<b>Date</b>	<b>Conc.</b>	<b>Date</b>
0.063	5/8/2017	0.059	2/23/2017
0.062	5/6/2017	0.059	7/7/2017
0.061	4/8/2017	0.058	4/8/2017
0.061	5/7/2017	0.058	5/8/2017

**Computation of Design Value for Fayetteville/Springdale/Rogers 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 2017</b>	
<b>Year</b>	<b>Springdale</b>	<b>Fayetteville</b>	<b>Springdale</b>	<b>Fayetteville</b>
2014	0.061	0.062		
2015	0.064	0.061		
2016	0.056	0.058	0.092	0.093
<b>3-year Avg. 4th High</b>	<b>0.060</b>	<b>0.060</b>		
2015	0.064	0.061		
2016	0.056	0.058		
2017	0.061	0.058		
Average	<b>0.060</b>	<b>0.059</b>		
<b>New Running DV*</b>	<b>0.060</b>			

\*New Running DV tentative assuming that four high values for 2017 have already occurred.

**Note:** The 2017 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: 8/7/2017**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	8/7/2017	0.025	0.030	0.030
Tuesday	8/8/2017	0.038	0.039	0.039
Wednesday	8/9/2017	0.035	0.037	0.042
Thursday	8/10/2017	0.027	0.029	0.051
Friday	8/11/2017	0.035	0.049	0.028
Saturday	8/12/2017	0.037	0.048	0.040
Sunday	8/13/2017	0.018	0.033	0.029

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



Four Highest 8-hour Ozone Concentrations for 2016 Season (ppm <sub>v</sub> )					
Caddo Valley		Deer		Eagle Mtn.	
Conc.	Date	Conc.	Date	Conc.	Date
0.062	4/8/2017	0.058	4/8/2017	0.062	5/8/2017
0.058	4/24/2017	0.057	4/24/2017	0.061	4/7/2017
0.058	6/20/2017	0.057	5/6/2017	0.060	4/4/2017
0.057	2/23/2017	0.057	5/9/2017	0.060	5/25/2017

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 2017		
Year	Caddo Valley	Deer	Eagle Mtn.	Caddo Valley	Deer	Eagle Mtn.
2014	0.059	0.062	0.063			
2015	0.060	0.061	0.065			
2016	0.055	0.056	0.060	0.097	0.095	0.087
<b>3-year Avg. 4th High</b>	<b>0.058</b>	<b>0.059</b>	<b>0.062</b>			
2015	0.060	0.061	0.065			
2016	0.055	0.056	0.060			
2017	0.057	0.057	0.060			
<b>Average</b>	<b>0.057</b>	<b>0.058</b>	<b>0.061</b>			

**Note:** The 2017 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.