

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 5/21/2018**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	PARR	NLRAP
Monday	5/21/2018	0.044	0.046
Tuesday	5/22/2018	0.034	0.036
Wednesday	5/23/2018	0.044	0.050
Thursday	5/24/2018	0.058	0.067
Friday	5/25/2018	0.036	0.036
Saturday	5/26/2018	0.044	0.045
Sunday	5/27/2018	0.050	0.053

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> )			
PARR		NLRAP	
Conc.	Date	Conc.	Date
0.062	5/7/2018	0.067	5/24/2018
0.061	4/18/2018	0.063	5/8/2018
0.060	5/18/2018	0.062	3/15/2018
0.059	4/28/2018	0.061	4/18/2018

**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 2018	
Year	PARR	NLRAP	PARR	NLRAP
2015	0.061	0.065		
2016	0.065	0.063	0.089	0.087
2017	0.058	0.062		
<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	0.059	0.061		
Average	<b>0.060</b>	<b>0.062</b>		
<b>New Running DV*</b>	<b>0.062</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: 5/21/2018**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	5/21/2018	0.041	0.034	0.032	0.036	0.028
Tuesday	5/22/2018	0.050	0.039	0.001	0.056	0.043
Wednesday	5/23/2018	0.049	0.045	0.044	0.051	0.044
Thursday	5/24/2018	0.047	0.048	0.047	0.049	0.054
Friday	5/25/2018	0.047	0.057	0.052	0.056	0.041
Saturday	5/26/2018	0.051	0.047	0.053	0.048	0.040
Sunday	5/27/2018	0.052	0.046	0.044	0.043	0.036

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
0.066	5/10/2018	0.068	5/8/2018	0.067	5/8/2018	0.066	5/10/2018	0.071	5/10/2018
0.065	5/9/2018	0.066	5/9/2018	0.064	5/10/2018	0.065	5/8/2018	0.069	5/7/2018
0.063	5/8/2018	0.066	5/10/2018	0.063	5/9/2018	0.064	5/15/2018	0.059	3/15/2018
0.062	5/7/2018	0.063	5/1/2018	0.060	5/7/2018	0.063	5/6/2018	0.059	4/12/2018

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 <sup>1</sup>
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	0.060	0.063	0.062	0.063	0.059					
Average	<b>0.065</b>	<b>0.064</b>	<b>0.065</b>	<b>0.066</b>	<b>0.061</b>					
<b>New RunningDV*</b>	<b>0.066</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:**

**5/21/2018**

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>Springdale</b>	<b>Fayetteville</b>
Monday	5/21/2018	0.045	0.040
Tuesday	5/22/2018	0.045	0.043
Wednesday	5/23/2018	0.037	0.033
Thursday	5/24/2018	0.041	0.037
Friday	5/25/2018	0.043	0.038
Saturday	5/26/2018	0.057	0.056
Sunday	5/27/2018	0.046	0.041

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

<b>Springdale</b>		<b>Fayetteville</b>	
<b>Conc.</b>	<b>Date</b>	<b>Conc.</b>	<b>Date</b>
0.065	5/6/2018	0.066	3/15/2018
0.062	3/15/2018	0.066	4/24/2018
0.062	4/24/2018	0.065	5/7/2018
0.062	5/8/2018	0.064	4/28/2018

**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 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	0.062	0.064		
Average	<b>0.059</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: 5/21/2018**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	5/21/2018	0.040	0.037	0.040
Tuesday	5/22/2018	0.037	0.036	0.045
Wednesday	5/23/2018	0.000	0.049	0.048
Thursday	5/24/2018	0.000	0.048	0.049
Friday	5/25/2018	0.000	0.046	0.052
Saturday	5/26/2018	0.000	0.041	0.054
Sunday	5/27/2018	0.000	0.043	0.055

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	0.068	3/15/2018
0.062	4/18/2018	0.062	4/24/2018	0.065	5/8/2018
0.062	5/8/2018	0.062	5/8/2018	0.064	5/7/2018
0.061	5/9/2018	0.061	5/7/2018	0.063	5/9/2018

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	0.061	0.061	0.063			
<b>Average</b>	<b>0.058</b>	<b>0.057</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.