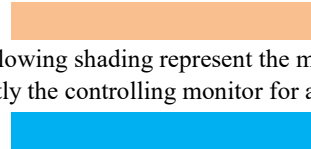


**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 8/21/2023**

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>PARR</b>	<b>NLRAP</b>
Monday	8/21/2023	0.045	0.052
Tuesday	8/22/2023	0.041	0.050
Wednesday	8/23/2023	0.056	0.065
Thursday	8/24/2023	0.063	0.070
Friday	8/25/2023	0.055	0.062
Saturday	8/26/2023	0.044	0.048
Sunday	8/27/2023	0.036	0.039

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 2023 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	6/6/2023	0.074	6/6/2023
0.065	6/7/2023	0.072	5/31/2023
0.063	8/24/2023	0.070	8/24/2023
0.059	6/5/2023	0.069	5/25/2023

**New High Value(s)**

**New High Value(s)**

**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 2023</b>	
<b>Year</b>	<b>PARR</b>	<b>NLRAP</b>	<b>PARR</b>	<b>NLRAP</b>
2020	0.060	0.063		
2021	0.062	0.067		
2022	0.064	0.060	0.086	0.085
<b>3-Year Avg. 4th High</b>	<b>0.062</b>	<b>0.063</b>		
2021	0.062	0.067		
2022	0.064	0.060		
2023	0.059	0.069		
Average	<b>0.061</b>	<b>0.065</b>		
<b>New Running DV*</b>	<b>0.065</b>			

\*New Running DV tentative assuming that four high values for 2023 have already occurred.

**Note:** The 2023 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: 8/21/2023**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	8/21/2023	0.060	0.052	0.076	0.059	0.048
Tuesday	8/22/2023	0.043	0.037	0.037	0.048	0.046
Wednesday	8/23/2023	0.059	0.049	0.054	0.058	0.069
Thursday	8/24/2023	0.065	0.043	0.059	0.080	0.054
Friday	8/25/2023	0.060	0.047	0.056	0.078	0.045
Saturday	8/26/2023	0.054	0.048	0.048	0.063	0.059
Sunday	8/27/2023	0.036	0.037	0.034	0.043	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 2023 Season (ppm <sub>v</sub> )									
Marion		Orgill		Frayser		Shelby Farms		Hernando	
Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date
0.080	6/6/2023	0.077	6/6/2023	0.076	8/21/2023	0.082	6/6/2023	0.074	5/30/2023
0.080	6/9/2023	0.073	6/24/2023	0.073	6/6/2023	0.080	8/24/2023	0.072	5/29/2023
0.076	6/17/2023	0.072	6/9/2023	0.072	6/9/2023	0.078	8/25/2023	0.072	6/7/2023
0.074	6/4/2023	0.069	6/7/2023	0.070	6/7/2023	0.075	6/7/2023	0.071	5/28/2023

**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 2023				
Year	Frayser	Orgill	Marion	Shelby Farms	Hernando	Frayser	Orgill	Marion	Shelby Farms	Hernando
2020	0.06	0.062	0.069	0.062	0.062					
2021	0.067	0.063	0.072	0.071	0.065					
2022	0.069	0.069	0.071	0.074	0.075	0.076	0.080	0.069	0.067	0.072
<b>3-Year Avg. 4th High</b>	<b>0.065</b>	<b>0.064</b>	<b>0.070</b>	<b>0.069</b>	<b>0.067</b>					
2021	0.067	0.063	0.072	0.071	0.065					
2022	0.069	0.069	0.071	0.074	0.075					
2023	0.070	0.069	0.074	0.075	0.071					
Average	<b>0.068</b>	<b>0.067</b>	<b>0.072</b>	<b>0.073</b>	<b>0.070</b>					
<b>New RunningDV*</b>	<b>0.073</b>									

\*New Running DV tentative assuming that four high values for 2023 have already occurred.

**Note:** The 2023 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: 8/21/2023**

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>Springdale</b>	<b>Fayetteville</b>
Monday	8/21/2023	0.068	0.068
Tuesday	8/22/2023	0.046	0.046
Wednesday	8/23/2023	0.052	0.050
Thursday	8/24/2023	0.060	0.055
Friday	8/25/2023	0.058	0.052
Saturday	8/26/2023	0.047	0.051
Sunday	8/27/2023	0.041	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 2023 Season (ppm<sub>v</sub>)**

<b>Springdale</b>		<b>Fayetteville</b>	
<b>Conc.</b>	<b>Date</b>	<b>Conc.</b>	<b>Date</b>
0.076	6/7/2023	0.071	5/22/2023
0.072	5/22/2023	0.071	5/26/2023
0.072	5/25/2023	0.068	4/18/2023
0.072	6/8/2023	0.068	5/25/2023

**Computation of Design Value for Fayetteville/Springdale/Rogers Arkansas MSA**

<b>4th High Values (ppm<sub>v</sub>)</b>				
<b>Year</b>	<b>Springdale</b>	<b>Fayetteville</b>	<b>Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2023</b>	
2020	0.054	0.055		
2021	0.063	0.062	<b>Springdale</b>	<b>Fayetteville</b>
2022	0.067	0.067	0.082	0.083
<b>3-year Avg. 4th High</b>	<b>0.061</b>	<b>0.061</b>		
2021	0.063	0.062		
2022	0.067	0.067		
2023	0.072	0.068		
Average	<b>0.067</b>	<b>0.065</b>		
<b>New Running DV*</b>	<b>0.067</b>			

\*New Running DV tentative assuming that four high values for 2023 have already occurred.

**Note:** The 2023 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: 8/21/2023**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	8/21/2023	0.044	0.000	0.052
Tuesday	8/22/2023	0.044	0.000	0.047
Wednesday	8/23/2023	0.052	0.000	0.047
Thursday	8/24/2023	0.065	0.000	0.048
Friday	8/25/2023	0.060	0.000	0.047
Saturday	8/26/2023	0.002	0.000	0.046
Sunday	8/27/2023	0.000	0.000	0.036

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



Four Highest 8-hour Ozone Concentrations for 2023 Season (ppm <sub>v</sub> )					
Caddo Valley		Deer		Eagle Mtn.	
Conc.	Date	Conc.	Date	Conc.	Date
0.066	5/22/2023	0.067	6/6/2023	0.056	2/28/2023
0.065	5/27/2023	0.067	6/7/2023	0.056	4/18/2023
0.065	8/24/2023	0.066	6/8/2023	0.054	6/8/2023
0.064	5/26/2023	0.065	5/25/2023	0.053	3/26/2023

**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 2023		
Year	Caddo Valley	Deer	Eagle Mtn.	Caddo Valley	Deer	Eagle Mtn.
2020	0.049	0.061	0.058	0.094	0.090	0.090
2021	0.058	0.058	0.061			
2022	0.060	0.064	0.061			
<b>3-year Avg. 4th High</b>	<b>0.055</b>	<b>0.061</b>	<b>0.060</b>			
2021	0.058	0.058	0.061			
2022	0.060	0.064	0.061			
2023	0.064	0.065	0.053			
<b>Average</b>	<b>0.060</b>	<b>0.062</b>	<b>0.058</b>			

**Note:** The 2023 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.