

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 8/28/2023**

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>PARR</b>	<b>NLRAP</b>
Monday	8/28/2023	0.041	0.046
Tuesday	8/29/2023	0.049	0.051
Wednesday	8/30/2023	0.046	0.051
Thursday	8/31/2023	0.045	0.049
Friday	9/1/2023	0.048	0.051
Saturday	9/2/2023	0.034	0.040
Sunday	9/3/2023	0.034	0.041

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

**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: 8/28/2023**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	8/28/2023	0.047	0.047	0.042	0.046	0.044
Tuesday	8/29/2023	0.057	0.055	0.056	0.058	0.064
Wednesday	8/30/2023	0.053	0.048	0.046	0.050	0.054
Thursday	8/31/2023	0.042	0.041	0.039	0.043	0.052
Friday	9/1/2023	0.046	0.043	0.044	0.045	0.051
Saturday	9/2/2023	0.033	0.031	0.030	0.031	0.025
Sunday	9/3/2023	0.033	0.034	0.036	0.035	0.030

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

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: 8/28/2023**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	Springdale	Fayetteville
Monday	8/28/2023	0.040	0.042
Tuesday	8/29/2023	0.052	0.058
Wednesday	8/30/2023	0.046	0.049
Thursday	8/31/2023	0.041	0.046
Friday	9/1/2023	0.047	0.053
Saturday	9/2/2023	0.051	0.052
Sunday	9/3/2023	0.057	0.055

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>)**

Springdale		Fayetteville	
Conc.	Date	Conc.	Date
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**

4th High Values (ppm <sub>v</sub> )			
Year	Springdale	Fayetteville	Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2023
2020	0.054	0.055	
2021	0.063	0.062	
2022	0.067	0.067	
<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: 8/28/2023**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	8/28/2023	0.051	0.000	0.040
Tuesday	8/29/2023	0.060	0.000	0.052
Wednesday	8/30/2023	0.055	0.000	0.045
Thursday	8/31/2023	0.055	0.000	0.043
Friday	9/1/2023	0.052	0.000	0.053
Saturday	9/2/2023	0.049	0.000	0.053
Sunday	9/3/2023	0.042	0.000	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 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

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			
2021	0.058	0.058	0.061			
2022	0.060	0.064	0.061	0.094	0.090	0.090
<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.