

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 2/27/2023**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	PARR	NLRAP
Monday	2/27/2023	0.039	0.039
Tuesday	2/28/2023	0.052	0.055
Wednesday	3/1/2023	0.021	0.037
Thursday	3/2/2023	0.023	0.027
Friday	3/3/2023	0.029	0.033
Saturday	3/4/2023	0.033	0.014
Sunday	3/5/2023	0.036	0.021

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>)**

PARR		NLRAP	
Conc.	Date	Conc.	Date
0.052	2/28/2023	0.055	2/28/2023
0.039	2/27/2023	0.041	2/19/2023
0.037	2/19/2023	0.041	2/21/2023
0.036	2/12/2023	0.040	2/3/2023

**New High Value(s)**

**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 2023	
Year	PARR	NLRAP	PARR	NLRAP
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	0.036	0.040		
Average	<b>0.054</b>	<b>0.055</b>		
<b>New Running DV*</b>	<b>0.055</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: 2/27/2023**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	2/27/2023	0.044	0.046	0.043	0.047	0.031
Tuesday	2/28/2023	0.047	0.051	0.047	0.051	0.049
Wednesday	3/1/2023	0.032	0.041	0.039	0.038	0.037
Thursday	3/2/2023	0.027	0.030	0.027	0.033	0.029
Friday	3/3/2023	0.042	0.039	0.041	0.044	0.044
Saturday	3/4/2023	0.043	0.041	0.041	0.043	0.045
Sunday	3/5/2023	0.045	0.048	0.045	0.048	0.045

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
0.047	2/28/2023	0.051	2/28/2023	0.047	2/19/2023	0.051	2/28/2023	0.049	2/28/2023
0.046	2/19/2023	0.048	3/5/2023	0.047	2/28/2023	0.049	2/19/2023	0.045	3/4/2023
0.045	3/5/2023	0.047	2/13/2023	0.046	2/13/2023	0.048	2/13/2023	0.045	3/5/2023
0.044	2/13/2023	0.046	2/7/2023	0.045	3/5/2023	0.048	3/5/2023	0.044	3/3/2023

**New High Value(s)**

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**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	0.045	0.046	0.044	0.048	0.044					
Average	<b>0.060</b>	<b>0.059</b>	<b>0.062</b>	<b>0.064</b>	<b>0.061</b>					
<b>New RunningDV*</b>	<b>0.064</b>									

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

**Note:** The 2022 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: 2/27/2023**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	Springdale	Fayetteville
Monday	2/27/2023	0.048	0.042
Tuesday	2/28/2023	0.056	0.046
Wednesday	3/1/2023	0.054	0.042
Thursday	3/2/2023	0.039	0.034
Friday	3/3/2023	0.036	0.032
Saturday	3/4/2023	0.048	0.038
Sunday	3/5/2023	0.063	0.046

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
0.063	3/5/2023	0.047	1/1/2023
0.060	2/14/2023	0.046	2/28/2023
0.059	2/12/2023	0.046	3/5/2023
0.059	2/13/2023	0.044	2/13/2023

**New High Value(s)**

**New High Value(s)**

Computation of Design Value for Fayetteville/Springdale/Rogers Arkansas MSA				
4th High Values (ppm <sub>v</sub> )			Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2023	
Year	Springdale	Fayetteville	Springdale	Fayetteville
2020	0.054	0.055		
2021	0.063	0.062		
2022	0.067	0.067	0.091	0.090
<b>3-year Avg. 4th High</b>	<b>0.061</b>	<b>0.061</b>		
2021	0.054	0.055		
2022	0.067	0.067		
2023	0.059	0.044		
Average	<b>0.060</b>	<b>0.055</b>		
<b>New Running DV*</b>	<b>0.060</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: 2/27/2023**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	2/27/2023	0.042	0.042	0.047
Tuesday	2/28/2023	0.057	0.051	0.056
Wednesday	3/1/2023	0.019	0.048	0.045
Thursday	3/2/2023	0.024	0.033	0.028
Friday	3/3/2023	0.032	0.034	0.041
Saturday	3/4/2023	0.035	0.035	0.041
Sunday	3/5/2023	0.040	0.042	0.052

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
0.057	2/28/2023	0.051	2/28/2023	0.056	2/28/2023
0.044	2/19/2023	0.048	3/1/2023	0.052	3/5/2023
0.042	2/13/2023	0.043	2/13/2023	0.047	2/13/2023
0.042	2/27/2023	0.043	2/14/2023	0.047	2/27/2023

**New High Value(s)**

**New High Value(s)**

**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	0.042	0.043	0.047			
<b>Average</b>	<b>0.053</b>	<b>0.055</b>	<b>0.056</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.