

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 7/10/2022**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	PARR	NLRAP
Sunday	7/10/2022	0.048	0.045
Monday	7/11/2022	0.054	0.053
Tuesday	7/12/2022	0.066	0.051
Wednesday	7/13/2022	0.060	0.052
Thursday	7/14/2022	0.049	0.048
Friday	7/15/2022	0.064	0.055
Saturday	7/16/2022	0.045	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 2022 Season (ppm <sub>v</sub> )					
PARR			NLRAP		
Conc.	Date		Conc.	Date	
0.074	3/3/2022		0.075	3/3/2022	
0.066	7/12/2022		0.067	6/24/2022	
0.065	6/29/2022		0.064	3/2/2022	
0.064	3/2/2022		0.060	6/29/2022	

**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 2022	
Year	PARR	NLRAP	PARR	NLRAP
2019	0.057	0.059		
2020	0.060	0.063		
2021	0.062	0.067	0.090	0.082
<b>3-Year Avg. 4th High</b>	<b>0.059</b>	<b>0.063</b>		
2020	0.060	0.063		
2021	0.062	0.067		
2022	0.064	0.060		
Average	<b>0.062</b>	<b>0.063</b>		
<b>New Running DV*</b>	<b>0.063</b>			

\*New Running DV tentative assuming that four high values for 2022 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: 7/10/2022**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Sunday	7/10/2022	0.052	0.050	0.050	0.055	0.049
Monday	7/11/2022	0.060	0.060	0.061	0.067	0.080
Tuesday	7/12/2022	0.067	0.068	0.068	0.089	0.064
Wednesday	7/13/2022	0.062	0.052	0.053	0.057	0.050
Thursday	7/14/2022	0.062	0.055	0.056	0.061	0.053
Friday	7/15/2022	0.078	0.059	0.062	0.062	0.048
Saturday	7/16/2022	0.052	0.065	0.058	0.000	0.049

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 2022 Season (ppm <sub>v</sub> )									
Marion		Orgill		Frayser		Shelby Farms		Hernando	
Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date
0.088	6/25/2022	0.071	6/25/2022	0.077	6/25/2022	0.089	7/12/2022	0.080	7/11/2022
0.078	7/15/2022	0.069	3/3/2022	0.071	6/20/2022	0.079	6/25/2022	0.079	6/25/2022
0.073	6/20/2022	0.069	3/4/2022	0.069	3/3/2022	0.074	3/3/2022	0.078	6/24/2022
0.071	6/24/2022	0.069	6/29/2022	0.068	7/12/2022	0.074	6/29/2022	0.073	6/23/2022

**New High Value(s)**

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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 2022				
Year	Frayser	Orgill	Marion	Shelby Farms	Hernando	Frayser	Orgill	Marion	Shelby Farms	Hernando
2019	0.069	0.060	0.063	0.064	0.066	0.085	0.087	0.071	0.079	0.085
2020	0.06	0.062	0.069	0.062	0.062					
2021	0.067	0.063	0.072	0.071	0.065					
<b>3-Year Avg. 4th High</b>	<b>0.065</b>	<b>0.061</b>	<b>0.068</b>	<b>0.065</b>	<b>0.064</b>					
2022	0.068	0.069	0.071	0.074	0.073					
Average	<b>0.065</b>	<b>0.064</b>	<b>0.070</b>	<b>0.069</b>	<b>0.066</b>					
<b>New RunningDV*</b>	<b>0.070</b>									

\*New Running DV tentative assuming that four high values for 2022 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: 7/10/2022**

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>Springdale</b>	<b>Fayetteville</b>
Sunday	7/10/2022	0.038	0.033
Monday	7/11/2022	0.044	0.038
Tuesday	7/12/2022	0.041	0.037
Wednesday	7/13/2022	0.044	0.038
Thursday	7/14/2022	0.045	0.043
Friday	7/15/2022	0.048	0.045
Saturday	7/16/2022	0.047	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:



<b>Four Highest 8-hour Ozone Concentrations for 2022 Season (ppm<sub>v</sub>)</b>			
<b>Springdale</b>		<b>Fayetteville</b>	
<b>Conc.</b>	<b>Date</b>	<b>Conc.</b>	<b>Date</b>
0.073	3/3/2022	0.073	3/3/2022
0.067	3/2/2022	0.067	3/4/2022
0.060	3/4/2022	0.065	3/2/2022
0.057	3/17/2022	0.063	3/17/2022

<b>Computation of Design Value for Fayetteville/Springdale/Rogers Arkansas MSA</b>				
<b>4th High Values (ppm<sub>v</sub>)</b>			<b>Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2022</b>	
<b>Year</b>	<b>Springdale</b>	<b>Fayetteville</b>	<b>Springdale</b>	<b>Fayetteville</b>
2019	0.061	0.060		
2020	0.054	0.055		
2021	0.063	0.062	0.095	0.095
<b>3-year Avg. 4th High</b>	<b>0.059</b>	<b>0.059</b>		
2020	0.054	0.055		
2021	0.063	0.062		
2022	0.057	0.063		
Average	<b>0.058</b>	<b>0.060</b>		
<b>New Running DV*</b>	<b>0.060</b>			

\*New Running DV tentative assuming that four high values for 2022 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: 7/10/2022**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Sunday	7/10/2022	0.047	0.050	0.000
Monday	7/11/2022	0.045	0.056	0.000
Tuesday	7/12/2022	0.048	0.048	0.000
Wednesday	7/13/2022	0.047	0.054	0.000
Thursday	7/14/2022	0.046	0.051	0.000
Friday	7/15/2022	0.050	0.058	0.000
Saturday	7/16/2022	0.043	0.050	0.000

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



Four Highest 8-hour Ozone Concentrations for 2022 Season (ppm <sub>v</sub> )					
Caddo Valley		Deer		Eagle Mtn.	
Conc.	Date	Conc.	Date	Conc.	Date
0.067	6/29/2022	0.072	3/3/2022	0.072	3/3/2022
0.066	3/3/2022	0.066	3/2/2022	0.071	3/2/2022
0.061	3/2/2022	0.064	6/29/2022	0.065	3/1/2022
0.060	6/28/2022	0.064	6/30/2022	0.061	3/4/2022

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 2022		
Year	Caddo Valley	Deer	Eagle Mtn.	Caddo Valley	Deer	Eagle Mtn.
2019	0.057	0.059	0.065			
2020	0.049	0.061	0.058			
2021	0.058	0.058	0.061	0.096	0.096	0.090
<b>3-year Avg. 4th High</b>	<b>0.054</b>	<b>0.059</b>	<b>0.061</b>			
2022	0.058	0.058	0.061			
2021	0.058	0.058	0.061			
2022	0.060	0.064	0.061			
<b>Average</b>	<b>0.058</b>	<b>0.060</b>	<b>0.061</b>			

**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.