

<b>Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting:</b>	<b>8/9/2021</b>
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<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>PARR</b>	<b>NLRAP</b>
Monday	8/9/2021	0.025	0.028
Tuesday	8/10/2021	0.027	0.030
Wednesday	8/11/2021	0.036	0.041
Thursday	8/12/2021	0.033	0.037
Friday	8/13/2021	0.043	0.044
Saturday	8/14/2021	0.041	0.050
Sunday	8/15/2021	0.041	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:



<b>Four Highest 8-hour Ozone Concentrations for 2021 Season (ppm<sub>v</sub>)</b>					
<b>PARR</b>			<b>NLRAP</b>		
<b>Conc.</b>	<b>Date</b>		<b>Conc.</b>	<b>Date</b>	
0.065	7/29/2021		0.071	6/16/2021	
0.064	6/14/2021		0.068	6/15/2021	
0.062	6/16/2021		0.067	6/23/2021	
0.062	8/5/2021		0.064	6/18/2021	

<b>Computation of Design Value for LR/NLR/Conway 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 2021</b>		
<b>Year</b>	<b>PARR</b>	<b>NLRAP</b>			
2018	0.064	0.067			
2019	0.057	0.059	<b>PARR</b>	<b>NLRAP</b>	
2020	0.060	0.063	0.095	0.090	
<b>3-Year Avg. 4th High</b>	<b>0.060</b>	<b>0.063</b>			
2019	0.057	0.059			
2020	0.060	0.063			
2021	0.062	0.064			
Average	<b>0.059</b>	<b>0.062</b>			
<b>New Running DV*</b>	<b>0.062</b>				

\*New Running DV tentative assuming that four high values for 2021 have already occurred.

**Note:** The 2021 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: 8/9/2021**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	8/9/2021	0.026	0.032	0.025	0.032	0.026
Tuesday	8/10/2021	0.036	0.044	0.037	0.045	0.034
Wednesday	8/11/2021	0.030	0.037	0.030	0.040	0.032
Thursday	8/12/2021	0.036	0.044	0.038	0.046	0.034
Friday	8/13/2021	0.034	0.032	0.031	0.044	0.033
Saturday	8/14/2021	0.046	0.042	0.042	0.049	0.051
Sunday	8/15/2021	0.039	0.031	0.032	0.038	0.048

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 2021 Season (ppm <sub>v</sub> )													
Marion			Orgill			Frayser			Shelby Farms			Hernando	
Conc.	Date		Conc.	Date		Conc.	Date		Conc.	Date		Conc.	Date
0.077	6/16/2021		0.071	6/17/2021		0.069	6/17/2021		0.085	7/29/2021		0.081	6/14/2021
0.074	8/6/2021		0.066	6/14/2021		0.068	6/16/2021		0.083	6/17/2021		0.069	8/5/2021
0.073	6/14/2021		0.063	6/13/2021		0.067	6/14/2021		0.073	6/14/2021		0.066	6/17/2021
0.070	6/17/2021		0.063	6/18/2021		0.064	6/23/2021		0.070	6/16/2021		0.065	6/15/2021

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 2021				
Year	Frayser	Orgill	Marion	Shelby Farms	Hernando	Frayser	Orgill	Marion	Shelby Farms	Hernando
2018	0.068	0.068	0.070	0.073	0.069					
2019	0.069	0.06	0.063	0.064	0.066					
2020	0.06	0.062	0.069	0.062	0.062	0.083	0.090	0.080	0.086	0.084
<b>3-Year Avg. 4th High</b>	<b>0.065</b>	<b>0.063</b>	<b>0.067</b>	<b>0.066</b>	<b>0.065</b>					
2019	0.069	0.060	0.063	0.064	0.066					
2020	0.060	0.062	0.069	0.062	0.062					
2021	0.064	0.063	0.070	0.070	0.065					
Average	<b>0.064</b>	<b>0.061</b>	<b>0.067</b>	<b>0.065</b>	<b>0.064</b>					
<b>New RunningDV*</b>	<b>0.067</b>									

\*New Running DV tentative assuming that four high values for 2021 have already occurred.

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**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 8/9/2021**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	Springdale	Fayetteville
Monday	8/9/2021	0.031	0.029
Tuesday	8/10/2021	0.035	0.034
Wednesday	8/11/2021	0.033	0.032
Thursday	8/12/2021	0.039	0.039
Friday	8/13/2021	0.044	0.043
Saturday	8/14/2021	0.036	0.034
Sunday	8/15/2021	0.039	0.034

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 2021 Season (ppm <sub>v</sub> )			
Springdale		Fayetteville	
Conc.	Date	Conc.	Date
0.076	6/16/2021	0.070	6/15/2021
0.064	6/17/2021	0.062	6/17/2021
0.063	6/15/2021	0.059	6/16/2021
0.061	7/22/2021	0.059	6/18/2021

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 2021	
Year	Springdale	Fayetteville		
2018	0.064	0.065	Springdale	Fayetteville
2019	0.061	0.060		
2020	0.054	0.055	0.097	0.097
<b>3-year Avg. 4th High</b>	<b>0.059</b>	<b>0.060</b>		
2019	0.061	0.060		
2020	0.054	0.055		
2021	0.061	0.059		
Average	<b>0.058</b>	<b>0.058</b>		
<b>New Running DV*</b>	<b>0.058</b>			

\*New Running DV tentative assuming that four high values for 2021 have already occurred.

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<b>Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting:</b>	<b>8/9/2021</b>
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<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>				
<b>Day</b>	<b>Date</b>	<b>Caddo Valley</b>	<b>Deer</b>	<b>Eagle Mtn.</b>
Monday	8/9/2021	0.029	0.024	0.026
Tuesday	8/10/2021	0.029	0.028	0.030
Wednesday	8/11/2021	0.032	0.030	0.030
Thursday	8/12/2021	0.038	0.036	0.037
Friday	8/13/2021	0.031	0.035	0.039
Saturday	8/14/2021	0.041	0.032	0.045
Sunday	8/15/2021	0.041	0.042	0.042

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



Four Highest 8-hour Ozone Concentrations for 2021 Season (ppm <sub>v</sub> )							
Caddo Valley			Deer			Eagle Mtn.	
Conc.	Date		Conc.	Date		Conc.	Date
0.065	6/14/2021		0.062	6/16/2021		0.061	6/14/2021
0.058	7/11/2021		0.061	6/15/2021		0.060	6/15/2021
0.056	2/23/2021		0.058	7/21/2021		0.059	3/8/2021
0.056	8/5/2021		0.058	7/22/2021		0.058	4/12/2021

<b>Computation of Design Value for Non-MSA Monitors</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 2021</b>		
<b>Year</b>	<b>Caddo Valley</b>	<b>Deer</b>	<b>Eagle Mtn.</b>	<b>Caddo Valley</b>	<b>Deer</b>	<b>Eagle Mtn.</b>
2018	0.062	0.062	0.064			
2019	0.057	0.059	0.065			
2020	0.049	0.061	0.058	0.106	0.092	0.089
<b>3-year Avg. 4th High</b>	<b>0.056</b>	<b>0.060</b>	<b>0.062</b>			
2019	0.057	0.059	0.065			
2020	0.049	0.061	0.058			
2021	0.056	0.058	0.058			
<b>Average</b>	<b>0.054</b>	<b>0.059</b>	<b>0.060</b>			

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