

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 9/13/2021**

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>PARR</b>	<b>NLRAP</b>
Monday	9/13/2021	0.022	0.028
Tuesday	9/14/2021	0.029	0.034
Wednesday	9/15/2021	0.032	0.041
Thursday	9/16/2021	0.039	0.036
Friday	9/17/2021	0.020	0.026
Saturday	9/18/2021	0.023	0.027
Sunday	9/19/2021	0.026	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 2021 Season (ppm<sub>v</sub>)**

<b>PARR</b>		<b>NLRAP</b>	
<b>Conc.</b>	<b>Date</b>	<b>Conc.</b>	<b>Date</b>
0.068	9/7/2021	0.077	9/7/2021
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

**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 2021</b>	
<b>Year</b>	<b>PARR</b>	<b>NLRAP</b>	<b>PARR</b>	<b>NLRAP</b>
2018	0.064	0.067		
2019	0.057	0.059		
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	0.067		
Average	<b>0.059</b>	<b>0.063</b>		
<b>New Running DV*</b>	<b>0.063</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: 9/13/2021**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	9/13/2021	0.030	0.033	0.029	0.031	0.025
Tuesday	9/14/2021	0.023	0.029	0.023	0.027	0.026
Wednesday	9/15/2021	0.035	0.027	0.029	0.030	0.029
Thursday	9/16/2021	0.035	0.031	0.029	0.031	0.029
Friday	9/17/2021	0.015	0.013	0.012	0.018	0.021
Saturday	9/18/2021	0.026	0.019	0.009	0.023	0.024
Sunday	9/19/2021	0.026	0.018	0.021	0.023	0.020

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	0.069	9/10/2021	0.083	6/17/2021	0.069	8/5/2021
0.073	6/14/2021	0.063	6/13/2021	0.068	6/16/2021	0.073	6/14/2021	0.066	6/17/2021
0.072	8/24/2021	0.063	6/18/2021	0.067	6/14/2021	0.071	9/7/2021	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	0.067	0.063	0.072	0.071	0.065					
Average	<b>0.065</b>	<b>0.061</b>	<b>0.068</b>	<b>0.065</b>	<b>0.064</b>					
<b>New RunningDV*</b>	<b>0.068</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:**

**9/13/2021**

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>Springdale</b>	<b>Fayetteville</b>
Monday	9/13/2021	0.036	0.035
Tuesday	9/14/2021	0.035	0.033
Wednesday	9/15/2021	0.049	0.052
Thursday	9/16/2021	0.042	0.040
Friday	9/17/2021	0.043	0.044
Saturday	9/18/2021	0.028	0.028
Sunday	9/19/2021	0.031	0.030

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>)**

<b>Springdale</b>		<b>Fayetteville</b>	
<b>Conc.</b>	<b>Date</b>	<b>Conc.</b>	<b>Date</b>
0.076	6/16/2021	0.070	6/15/2021
0.065	9/6/2021	0.062	6/17/2021
0.064	6/17/2021	0.061	9/11/2021
0.063	6/15/2021	0.059	6/16/2021

**Computation of Design Value for Fayetteville/Springdale/Rogers 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 2021</b>	
<b>Year</b>	<b>Springdale</b>	<b>Fayetteville</b>	<b>Springdale</b>	<b>Fayetteville</b>
2018	0.064	0.065		
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	0.063	0.059		
Average	<b>0.059</b>	<b>0.058</b>		
<b>New Running DV*</b>	<b>0.059</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: 9/13/2021**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	9/13/2021	0.020	0.035	0.028
Tuesday	9/14/2021	0.029	0.031	0.032
Wednesday	9/15/2021	0.031	0.038	0.033
Thursday	9/16/2021	0.040	0.039	0.039
Friday	9/17/2021	0.026	0.026	0.027
Saturday	9/18/2021	0.027	0.024	0.031
Sunday	9/19/2021	0.020	0.024	0.027

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
0.065	9/7/2021	0.061	6/15/2021	0.060	6/15/2021
0.058	7/11/2021	0.058	7/21/2021	0.060	9/7/2021
0.056	2/23/2021	0.058	7/22/2021	0.060	9/8/2021

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 2021		
Year	Caddo Valley	Deer	Eagle Mtn.	Caddo Valley	Deer	Eagle Mtn.
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	0.060			
<b>Average</b>	<b>0.054</b>	<b>0.059</b>	<b>0.061</b>			

**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.