

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 4/26/2021**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	PARR	NLRAP
Monday	4/26/2021	0.055	0.050
Tuesday	4/27/2021	0.049	0.037
Wednesday	4/28/2021	0.026	0.029
Thursday	4/29/2021	0.045	0.034
Friday	4/30/2021	0.057	0.059
Saturday	5/1/2021	0.053	0.050
Sunday	5/2/2021	0.038	0.031

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>)**

PARR		NLRAP	
Conc.	Date	Conc.	Date
0.056	4/12/2021	0.060	4/12/2021
0.055	3/21/2021	0.055	4/4/2021
0.054	2/23/2021	0.054	3/21/2021
0.053	2/20/2021	0.053	3/4/2021

**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 2021	
Year	PARR	NLRAP		
2018	0.064	0.067	PARR	NLRAP
2019	0.057	0.059		
2020	0.060	0.063		
<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	0.053	0.053		
Average	<b>0.056</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.

**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: 4/26/2021**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	4/26/2021	0.050	0.052	0.044	0.047	0.049
Tuesday	4/27/2021	0.044	0.047	0.039	0.035	0.038
Wednesday	4/28/2021	0.023	0.026	0.021	0.025	0.028
Thursday	4/29/2021	0.047	0.042	0.027	0.030	0.028
Friday	4/30/2021	0.053	0.054	0.050	0.051	0.050
Saturday	5/1/2021	0.052	0.052	0.050	0.051	0.051
Sunday	5/2/2021	0.040	0.035	0.028	0.030	0.031

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
0.057	4/4/2021		0.058	4/4/2021		0.056	4/12/2021		0.062	4/12/2021		0.059	4/12/2021
0.056	3/21/2021		0.057	3/9/2021		0.055	4/4/2021		0.057	3/16/2021		0.059	4/30/2021
0.055	4/12/2021		0.056	4/5/2021		0.054	4/5/2021		0.057	4/4/2021		0.058	3/9/2021
0.055	4/25/2021		0.055	4/12/2021		0.053	3/9/2021		0.056	3/9/2021		0.058	3/16/2021

**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 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	0.053	0.055	0.055	0.056	0.058					
Average	<b>0.060</b>	<b>0.059</b>	<b>0.062</b>	<b>0.060</b>	<b>0.062</b>					
<b>New RunningDV*</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.

<b>Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting:</b>	<b>4/26/2021</b>
---	------------------

<b>8-Hour Daily Maxima (ppm<sub>v</sub>)</b>			
<b>Day</b>	<b>Date</b>	<b>Springdale</b>	<b>Fayetteville</b>
Monday	4/26/2021	0.047	0.048
Tuesday	4/27/2021	0.035	0.045
Wednesday	4/28/2021	0.025	0.023
Thursday	4/29/2021	0.030	0.031
Friday	4/30/2021	0.053	0.052
Saturday	5/1/2021	0.054	0.053
Sunday	5/2/2021	0.032	0.032

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 2021 Season (ppm<sub>v</sub>)</b>			
<b>Springdale</b>		<b>Fayetteville</b>	
<b>Conc.</b>	<b>Date</b>	<b>Conc.</b>	<b>Date</b>
0.056	4/2/2021	0.057	4/30/2021
0.055	3/27/2021	0.056	3/8/2021
0.054	4/3/2021	0.055	3/4/2021
0.054	4/30/2021	0.023	4/18/2021

**New High Value(s)**

**New High Value(s)**

<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 2021</b>	
<b>Year</b>	<b>Springdale</b>	<b>Fayetteville</b>		
2018	0.064	0.065	<b>Springdale</b>	<b>Fayetteville</b>
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	0.054	0.023		
Average	<b>0.056</b>	<b>0.046</b>		
<b>New Running DV*</b>	<b>0.056</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: 4/26/2021**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	4/26/2021	0.050	0.058	0.050
Tuesday	4/27/2021	0.032	0.040	0.037
Wednesday	4/28/2021	0.024	0.023	0.028
Thursday	4/29/2021	0.025	0.036	0.028
Friday	4/30/2021	0.046	0.050	0.049
Saturday	5/1/2021	0.043	0.050	0.053
Sunday	5/2/2021	0.027	0.040	0.030

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
0.056	2/23/2021		0.056	4/2/2021		0.059	3/8/2021
0.053	4/13/2021		0.055	3/21/2021		0.058	4/12/2021
0.052	3/8/2021		0.055	4/4/2021		0.058	4/26/2021
0.052	3/22/2021		0.054	2/23/2021		0.056	2/23/2021

**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 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			
<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	0.052	0.054	0.056			
<b>Average</b>	<b>0.052</b>	<b>0.058</b>	<b>0.059</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.