

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 5/17/2021**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	PARR	NLRAP
Monday	5/17/2021	0.029	0.035
Tuesday	5/18/2021	0.033	0.039
Wednesday	5/19/2021	0.027	0.033
Thursday	5/20/2021	0.033	0.039
Friday	5/21/2021	0.038	0.042
Saturday	5/22/2021	0.053	0.058
Sunday	5/23/2021	0.045	0.050

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	0.058	5/22/2021
0.054	2/23/2021	0.056	5/14/2021
0.054	5/7/2021	0.055	4/4/2021

**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 2021	
Year	PARR	NLRAP		
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	0.054	0.055		
Average	<b>0.057</b>	<b>0.059</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: 5/17/2021**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	5/17/2021	0.036	0.038	0.036	0.042	0.035
Tuesday	5/18/2021	0.035	0.036	0.037	0.040	0.034
Wednesday	5/19/2021	0.037	0.041	0.040	0.044	0.039
Thursday	5/20/2021	0.039	0.038	0.038	0.042	0.037
Friday	5/21/2021	0.050	0.045	0.047	0.049	0.045
Saturday	5/22/2021	0.059	0.051	0.057	0.058	0.053
Sunday	5/23/2021	0.044	0.042	0.049	0.046	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 2021 Season (ppm <sub>v</sub> )													
Marion			Orgill			Frayser			Shelby Farms			Hernando	
Conc.	Date		Conc.	Date		Conc.	Date		Conc.	Date		Conc.	Date
0.059	5/22/2021		0.058	4/4/2021		0.057	5/22/2021		0.062	4/12/2021		0.059	4/12/2021
0.057	4/4/2021		0.057	3/9/2021		0.056	4/12/2021		0.059	5/7/2021		0.059	4/30/2021
0.056	3/21/2021		0.056	4/5/2021		0.055	4/4/2021		0.058	5/22/2021		0.058	3/9/2021
0.055	4/12/2021	0.055	4/12/2021	0.054	4/5/2021	0.057	3/16/2021	0.058	3/16/2021				

**New High Value(s)**

**New High Value(s)**

**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	0.054	0.055	0.055	0.057	0.058					
Average	<b>0.061</b>	<b>0.059</b>	<b>0.062</b>	<b>0.061</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.

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 5/17/2021**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	Springdale	Fayetteville
Monday	5/17/2021	0.033	0.034
Tuesday	5/18/2021	0.036	0.039
Wednesday	5/19/2021	0.034	0.037
Thursday	5/20/2021	0.032	0.035
Friday	5/21/2021	0.033	0.039
Saturday	5/22/2021	0.044	0.047
Sunday	5/23/2021	0.046	0.047

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
0.056	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	0.052	5/5/2021

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
3-year Avg. 4th High	0.059	0.060		
2019	0.061	0.060		
2020	0.054	0.055		
2021	0.054	0.052		
Average	0.056	0.055		
New Running DV*	0.056			

\*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: 5/17/2021**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	5/17/2021	0.034	0.037	0.034
Tuesday	5/18/2021	0.037	0.036	0.050
Wednesday	5/19/2021	0.028	0.033	0.035
Thursday	5/20/2021	0.032	0.031	0.031
Friday	5/21/2021	0.022	0.039	0.039
Saturday	5/22/2021	0.043	0.051	0.045
Sunday	5/23/2021	0.041	0.046	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
0.056	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

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.			
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.