

Ozone Maxima (ppm_v) for Forecast Period Starting: 9/27/2021

8-Hour Daily Maxima (ppm _v)			
Day	Date	PARR	NLRAP
Monday	9/27/2021	0.048	0.055
Tuesday	9/28/2021	0.036	0.047
Wednesday	9/29/2021	0.034	0.037
Thursday	9/30/2021	0.024	0.028
Friday	10/1/2021	0.025	0.027
Saturday	10/2/2021	0.025	0.033
Sunday	10/3/2021	0.040	0.039

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_v)

PARR		NLRAP	
Conc.	Date	Conc.	Date
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

4th High Values (ppm _v)			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		
3-Year Avg. 4th High	0.060	0.063		
2019	0.057	0.059		
2020	0.060	0.063		
2021	0.062	0.067		
Average	0.059	0.063		
New Running DV*	0.063			

*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_v) for Forecast Period Starting: 9/27/2021

8-Hour Daily Maxima (ppm _v)						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	9/27/2021	0.050	0.057	0.050	0.055	0.047
Tuesday	9/28/2021	0.045	0.050	0.050	0.047	0.041
Wednesday	9/29/2021	0.037	0.026	0.033	0.031	0.024
Thursday	9/30/2021	0.023	0.026	0.021	0.027	0.024
Friday	10/1/2021	0.033	0.032	0.030	0.036	0.033
Saturday	10/2/2021	0.029	0.029	0.026	0.031	0.027
Sunday	10/3/2021	0.041	0.039	0.039	0.044	0.040

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 _v)													
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 _v)						Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2021				
Year	Frayser	Orgill	Marion	Shelby Farms	Hernando					
2018	0.068	0.068	0.070	0.073	0.069	Frayser	Orgill	Marion	Shelby Farms	Hernando
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
3-Year Avg. 4th High	0.065	0.063	0.067	0.066	0.065					
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	0.065	0.061	0.068	0.065	0.064					
New RunningDV*	0.068									

*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_v) for Forecast Period Starting:	9/27/2021
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8-Hour Daily Maxima (ppm_v)			
Day	Date	Springdale	Fayetteville
Monday	9/27/2021	0.063	0.063
Tuesday	9/28/2021	0.056	0.057
Wednesday	9/29/2021	0.039	0.041
Thursday	9/30/2021	0.033	0.032
Friday	10/1/2021	0.032	0.028
Saturday	10/2/2021	0.042	0.035
Sunday	10/3/2021	0.036	0.037

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_v)			
Springdale		Fayetteville	
Conc.	Date	Conc.	Date
0.076	6/16/2021	0.070	6/15/2021
0.065	9/6/2021	0.063	9/27/2021
0.064	6/17/2021	0.062	6/17/2021
0.063	6/15/2021	0.062	9/26/2021

New High Value(s)

Computation of Design Value for Fayetteville/Springdale/Rogers Arkansas MSA				
4th High Values (ppm_v)			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	0.063	0.062		
Average	0.059	0.059		
New Running DV*	0.059			

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

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Ozone Maxima (ppm_v) for Forecast Period Starting:	9/27/2021
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8-Hour Daily Maxima (ppm_v)				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	9/27/2021	0.054	0.056	0.061
Tuesday	9/28/2021	0.034	0.055	0.055
Wednesday	9/29/2021	0.025	0.038	0.032
Thursday	9/30/2021	0.029	0.023	0.032
Friday	10/1/2021	0.023	0.026	0.024
Saturday	10/2/2021	0.026	0.031	0.039
Sunday	10/3/2021	0.041	0.035	0.045

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 _v)							
Caddo Valley			Deer			Eagle Mtn.	
Conc.	Date		Conc.	Date		Conc.	Date
0.067	9/26/2021		0.062	6/16/2021		0.066	9/25/2021
0.065	6/14/2021		0.061	6/15/2021		0.065	9/26/2021
0.065	9/7/2021		0.059	9/26/2021		0.061	6/14/2021
0.058	7/11/2021		0.058	7/21/2021		0.061	9/27/2021

New High Value(s)

Computation of Design Value for Non-MSA Monitors						
4th High Values (ppm_v)				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			
3-year Avg. 4th High	0.056	0.060	0.062			
2019	0.057	0.059	0.065			
2020	0.049	0.061	0.058			
2021	0.058	0.058	0.061			
Average	0.054	0.059	0.061			

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.