

Ozone Maxima (ppm_v) for Forecast Period Starting: 8/16/2021

8-Hour Daily Maxima (ppm _v)			
Day	Date	PARR	NLRAP
Monday	8/16/2021	0.044	0.046
Tuesday	8/17/2021	0.035	0.041
Wednesday	8/18/2021	0.032	0.037
Thursday	8/19/2021	0.024	0.029
Friday	8/20/2021	0.025	0.029
Saturday	8/21/2021	0.032	0.034
Sunday	8/22/2021	0.039	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)

PARR		NLRAP	
Conc.	Date	Conc.	Date
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

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	PARR	NLRAP
2018	0.064	0.067		
2019	0.057	0.059		
2020	0.060	0.063	0.095	0.090
3-Year Avg. 4th High	0.060	0.063		
2019	0.057	0.059		
2020	0.060	0.063		
2021	0.062	0.064		
Average	0.059	0.062		
New Running DV*	0.062			

*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: 8/16/2021

8-Hour Daily Maxima (ppm _v)						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	8/16/2021	0.042	0.037	0.036	0.042	0.037
Tuesday	8/17/2021	0.048	0.040	0.048	0.043	0.055
Wednesday	8/18/2021	0.032	0.028	0.029	0.036	0.029
Thursday	8/19/2021	0.032	0.033	0.029	0.041	0.028
Friday	8/20/2021	0.025	0.026	0.025	0.032	0.027
Saturday	8/21/2021	0.038	0.034	0.031	0.039	0.035
Sunday	8/22/2021	0.050	0.060	0.050	0.059	0.056

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	0.068	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 _v)						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
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	0.064	0.063	0.070	0.070	0.065					
Average	0.064	0.061	0.067	0.065	0.064					
New RunningDV*	0.067									

*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: 8/16/2021

8-Hour Daily Maxima (ppm _v)			
Day	Date	Springdale	Fayetteville
Monday	8/16/2021	0.040	0.038
Tuesday	8/17/2021	0.032	0.035
Wednesday	8/18/2021	0.037	0.036
Thursday	8/19/2021	0.028	0.028
Friday	8/20/2021	0.032	0.030
Saturday	8/21/2021	0.041	0.035
Sunday	8/22/2021	0.043	0.039

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
0.064	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 _v)			Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2021	
Year	Springdale	Fayetteville	Springdale	Fayetteville
2018	0.064	0.065		
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	0.061	0.059		
Average	0.058	0.058		
New Running DV*	0.058			

*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: 8/16/2021

8-Hour Daily Maxima (ppm _v)				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	8/16/2021	0.044	0.045	0.044
Tuesday	8/17/2021	0.032	0.044	0.032
Wednesday	8/18/2021	0.032	0.030	0.030
Thursday	8/19/2021	0.024	0.022	0.023
Friday	8/20/2021	0.024	0.022	0.023
Saturday	8/21/2021	0.026	0.036	0.028
Sunday	8/22/2021	0.029	0.033	0.031

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
0.065	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

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	0.106	0.092	0.089
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	0.056	0.058	0.058			
Average	0.054	0.059	0.060			

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.