

Ozone Maxima (ppm_v) for Forecast Period Starting: 5/15/2023

8-Hour Daily Maxima (ppm_v)			
Day	Date	PARR	NLRAP
Monday	5/15/2023	0.029	0.040
Tuesday	5/16/2023	0.024	0.032
Wednesday	5/17/2023	0.024	0.034
Thursday	5/18/2023	0.037	0.051
Friday	5/19/2023	0.032	0.047
Saturday	5/20/2023	0.018	0.029
Sunday	5/21/2023	0.014	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 2023 Season (ppm_v)

PARR		NLRAP	
Conc.	Date	Conc.	Date
0.052	2/28/2023	0.059	5/3/2023
0.051	4/13/2023	0.058	4/13/2023
0.051	5/3/2023	0.056	5/9/2023
0.050	4/18/2023	0.055	2/28/2023

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 2023	
Year	PARR	NLRAP	PARR	NLRAP
2020	0.060	0.063		
2021	0.062	0.067		
2022	0.064	0.060	0.086	0.085
3-Year Avg. 4th High	0.062	0.063		
2021	0.062	0.067		
2022	0.064	0.060		
2023	0.050	0.055		
Average	0.058	0.060		
New Running DV*	0.060			

*New Running DV tentative assuming that four high values for 2023 have already occurred.

Note: The 2023 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: 5/15/2023

8-Hour Daily Maxima (ppm _v)						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	5/15/2023	0.047	0.023	0.049	0.058	0.048
Tuesday	5/16/2023	0.040	0.039	0.039	0.046	0.044
Wednesday	5/17/2023	0.046	0.041	0.038	0.044	0.047
Thursday	5/18/2023	0.054	0.048	0.050	0.052	0.049
Friday	5/19/2023	0.043	0.021	0.045	0.046	0.041
Saturday	5/20/2023	0.040	0.000	0.045	0.049	0.051
Sunday	5/21/2023	0.020	0.000	0.046	0.054	0.053

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 2023 Season (ppm _v)									
Marion		Orgill		Frayser		Shelby Farms		Hernando	
Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date
0.062	4/12/2023	0.062	4/19/2023	0.064	4/12/2023	0.068	5/9/2023	0.061	5/3/2023
0.061	4/19/2023	0.061	4/18/2023	0.062	5/4/2023	0.063	5/4/2023	0.059	3/30/2023
0.061	5/4/2023	0.059	3/30/2023	0.059	4/18/2023	0.062	3/30/2023	0.059	5/9/2023
0.058	4/11/2023	0.058	4/12/2023	0.058	4/19/2023	0.061	4/18/2023	0.058	4/18/2023

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 2023				
Year	Frayser	Orgill	Marion	Shelby Farms	Hernando	Frayser	Orgill	Marion	Shelby Farms	Hernando
2020	0.06	0.062	0.069	0.062	0.062					
2021	0.067	0.063	0.072	0.071	0.065					
2022	0.069	0.069	0.071	0.074	0.075	0.076	0.080	0.069	0.067	0.072
3-Year Avg. 4th High	0.065	0.064	0.070	0.069	0.067					
2021	0.067	0.063	0.072	0.071	0.065					
2022	0.069	0.069	0.071	0.074	0.075					
2023	0.058	0.058	0.058	0.061	0.058					
Average	0.064	0.063	0.067	0.068	0.066					
New RunningDV*	0.068									

*New Running DV tentative assuming that four high values for 2023 have already occurred.

Note: The 2023 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: 5/15/2023

8-Hour Daily Maxima (ppm _v)			
Day	Date	Springdale	Fayetteville
Monday	5/15/2023	0.037	0.031
Tuesday	5/16/2023	0.020	0.016
Wednesday	5/17/2023	0.034	0.030
Thursday	5/18/2023	0.057	0.049
Friday	5/19/2023	0.037	0.037
Saturday	5/20/2023	0.025	0.024
Sunday	5/21/2023	0.013	0.000

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 2023 Season (ppm _v)			
Springdale		Fayetteville	
Conc.	Date	Conc.	Date
0.067	5/3/2023	0.068	4/18/2023
0.066	4/18/2023	0.067	5/3/2023
0.065	3/6/2023	0.064	4/17/2023
0.063	3/5/2023	0.063	3/29/2023

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 2023	
Year	Springdale	Fayetteville	Springdale	Fayetteville
2020	0.054	0.055		
2021	0.063	0.062		
2022	0.067	0.067	0.091	0.090
3-year Avg. 4th High	0.061	0.061		
2021	0.054	0.055		
2022	0.067	0.067		
2023	0.063	0.063		
Average	0.061	0.061		
New Running DV*	0.061			

*New Running DV tentative assuming that four high values for 2023 have already occurred.

Note: The 2023 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: 5/15/2023

8-Hour Daily Maxima (ppm _v)				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	5/15/2023	0.038	0.035	0.029
Tuesday	5/16/2023	0.029	0.028	0.019
Wednesday	5/17/2023	0.029	0.041	0.018
Thursday	5/18/2023	0.045	0.056	0.000
Friday	5/19/2023	0.040	0.056	0.000
Saturday	5/20/2023	0.034	0.032	0.000
Sunday	5/21/2023	0.040	0.056	0.000

Cells with the following shading represent new seasonal high 8-hour values for the current forecast period:



Four Highest 8-hour Ozone Concentrations for 2023 Season (ppm _v)					
Caddo Valley		Deer		Eagle Mtn.	
Conc.	Date	Conc.	Date	Conc.	Date
0.057	2/28/2023	0.060	4/18/2023	0.056	2/28/2023
0.056	4/18/2023	0.060	5/3/2023	0.056	4/18/2023
0.055	5/3/2023	0.058	3/29/2023	0.053	3/26/2023
0.053	3/19/2023	0.058	4/13/2023	0.053	3/27/2023

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 2023		
Year	Caddo Valley	Deer	Eagle Mtn.	Caddo Valley	Deer	Eagle Mtn.
2020	0.049	0.061	0.058	0.094	0.090	0.090
2021	0.058	0.058	0.061			
2022	0.060	0.064	0.061			
3-year Avg. 4th High	0.055	0.061	0.060			
2021	0.058	0.058	0.061			
2022	0.060	0.064	0.061			
2023	0.053	0.058	0.053			
Average	0.057	0.060	0.058			

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