

Ozone Maxima (ppm_v) for Forecast Period Starting: 8/12/2019

8-Hour Daily Maxima (ppm _v)			
Day	Date	PARR	NLRAP
Monday	8/12/2019	0.035	0.036
Tuesday	8/13/2019	0.034	0.022
Wednesday	8/14/2019	0.046	0.048
Thursday	8/15/2019	0.048	0.048
Friday	8/16/2019	0.054	0.051
Saturday	8/17/2019	0.048	0.052
Sunday	8/18/2019	0.028	0.026

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 2019 Season (ppm_v)

PARR		NLRAP	
Conc.	Date	Conc.	Date
0.059	8/3/2019	0.062	3/22/2019
0.058	8/1/2019	0.060	7/26/2019
0.057	6/3/2019	0.059	5/14/2019
0.056	3/28/2019	0.059	6/3/2019

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 2019	
Year	PARR	NLRAP	PARR	NLRAP
2016	0.065	0.063		
2017	0.058	0.062		
2018	0.064	0.067	0.090	0.083
3-Year Avg. 4th High	0.062	0.064		
2017	0.058	0.062		
2018	0.064	0.067		
2019	0.056	0.059		
Average	0.059	0.062		
New Running DV*	0.062			

*New Running DV tentative assuming that four high values for 2019 have already occurred.

Note: The 2019 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: 8/12/2019

8-Hour Daily Maxima (ppm _v)						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	8/12/2019	0.036	0.052	0.043	0.046	0.028
Tuesday	8/13/2019	0.045	0.043	0.045	0.053	0.041
Wednesday	8/14/2019	0.047	0.045	0.046	0.047	0.052
Thursday	8/15/2019	0.048	0.048	0.047	0.050	0.055
Friday	8/16/2019	0.046	0.050	0.055	0.063	0.044
Saturday	8/17/2019	0.047	0.058	0.058	0.054	0.040
Sunday	8/18/2019	0.039	0.047	0.044	0.044	0.032

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 2019 Season (ppm _v)									
Marion		Orgill		Frayser		Shelby Farms		Hernando	
Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date
0.064	6/2/2019	0.064	5/16/2019	0.063	5/16/2019	0.067	5/15/2019	0.066	8/2/2019
0.062	5/16/2019	0.063	5/17/2019	0.063	7/27/2019	0.066	5/16/2019	0.064	7/11/2019
0.062	6/3/2019	0.061	6/14/2019	0.062	7/26/2019	0.064	6/1/2019	0.063	6/2/2019
0.061	5/15/2019	0.060	4/9/2019	0.059	5/15/2019	0.064	6/2/2019	0.062	5/16/2019

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 2019				
Year	Frayser	Orgill	Marion	Shelby Farms	Hernando	Frayser	Orgill	Marion	Shelby Farms	Hernando
2016	0.071	0.067	0.070	0.068	0.066					
2017	0.064	0.064	0.064	0.068	0.060					
2018	0.068	0.068	0.070	0.073	0.069	0.080	0.080	0.078	0.071	0.083
3-Year Avg. 4th High	0.067	0.066	0.068	0.069	0.065					
2017	0.064	0.064	0.064	0.068	0.060					
2018	0.068	0.068	0.070	0.073	0.069					
2019	0.059	0.060	0.061	0.064	0.062					
Average	0.063	0.064	0.065	0.068	0.063					
New RunningDV*	0.068									

*New Running DV tentative assuming that four high values for 2019 have already occurred.

Note: The 2019 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: 8/12/2019

8-Hour Daily Maxima (ppm _v)			
Day	Date	Springdale	Fayetteville
Monday	8/12/2019	0.036	0.036
Tuesday	8/13/2019	0.046	0.048
Wednesday	8/14/2019	0.043	0.047
Thursday	8/15/2019	0.043	0.041
Friday	8/16/2019	0.037	0.043
Saturday	8/17/2019	0.044	0.045
Sunday	8/18/2019	0.039	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 2019 Season (ppm _v)			
Springdale		Fayetteville	
Conc.	Date	Conc.	Date
0.066	5/31/2019	0.064	4/9/2019
0.063	4/9/2019	0.064	4/10/2019
0.061	4/10/2019	0.060	3/28/2019
0.061	6/19/2019	0.059	6/19/2019

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 2019	
Year	Springdale	Fayetteville	Springdale		
2016	0.056	0.058			
2017	0.061	0.058			
2018	0.064	0.065	0.087	0.089	
3-year Avg. 4th High	0.060	0.060			
2017	0.061	0.058			
2018	0.064	0.065			
2019	0.061	0.059			
Average	0.062	0.060			
New Running DV*	0.062				

*New Running DV tentative assuming that four high values for 2019 have already occurred.

Note: The 2019 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: 8/12/2019

8-Hour Daily Maxima (ppm _v)				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	8/12/2019	0.034	0.032	0.037
Tuesday	8/13/2019	0.032	0.043	0.038
Wednesday	8/14/2019	0.053	0.041	0.051
Thursday	8/15/2019	0.048	0.037	0.050
Friday	8/16/2019	0.047	0.042	0.046
Saturday	8/17/2019	0.050	0.043	0.043
Sunday	8/18/2019	0.028	0.036	0.033

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



Four Highest 8-hour Ozone Concentrations for 2019 Season (ppm _v)					
Caddo Valley		Deer		Eagle Mtn.	
Conc.	Date	Conc.	Date	Conc.	Date
0.058	3/28/2019	0.067	4/9/2019	0.076	4/9/2019
0.058	4/27/2019	0.061	5/31/2019	0.066	4/10/2019
0.057	4/21/2019	0.060	5/18/2019	0.061	5/18/2019
0.057	5/16/2019	0.058	5/16/2019	0.060	3/23/2019

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 2019		
Year	Caddo Valley	Deer	Eagle Mtn.	Caddo Valley	Deer	Eagle Mtn.
2016	0.055	0.056	0.060			
2017	0.058	0.056	0.061			
2018	0.062	0.062	0.064	0.092	0.094	0.087
3-year Avg. 4th High	0.058	0.058	0.061			
2017	0.058	0.056	0.061			
2018	0.062	0.062	0.064			
2019	0.057	0.058	0.060			
Average	0.059	0.058	0.061			

Note: The 2019 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.