

Ozone Maxima (ppm_v) for Forecast Period Starting: 8/27/2018

8-Hour Daily Maxima (ppm_v)			
Day	Date	PARR	NLRAP
Monday	8/27/2018	0.027	0.032
Tuesday	8/28/2018	0.033	0.037
Wednesday	8/29/2018	0.030	0.035
Thursday	8/30/2018	0.038	0.044
Friday	8/31/2018	0.038	0.047
Saturday	9/1/2018	0.027	0.034
Sunday	9/2/2018	0.022	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 2018 Season (ppm_v)

PARR		NLRAP	
Conc.	Date	Conc.	Date
0.077	6/6/2018	0.070	6/5/2018
0.073	6/5/2018	0.070	6/6/2018
0.066	7/25/2018	0.070	6/7/2018
0.064	6/7/2018	0.067	5/24/2018

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 2018	
Year	PARR	NLRAP	PARR	NLRAP
2015	0.061	0.065		
2016	0.065	0.063		
2017	0.058	0.062	0.089	0.087
3-Year Avg. 4th High	0.061	0.063		
2016	0.065	0.063		
2017	0.058	0.062		
2018	0.064	0.067		
Average	0.062	0.064		
New Running DV*	0.064			

*New Running DV tentative assuming that four high values for 2018 have already occurred.

Note: The 2018 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: 8/27/2018

8-Hour Daily Maxima (ppm _v)						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	8/27/2018	0.038	0.046	0.039	0.042	0.028
Tuesday	8/28/2018	0.033	0.039	0.033	0.034	0.025
Wednesday	8/29/2018	0.029	0.036	0.030	0.036	0.023
Thursday	8/30/2018	0.036	0.039	0.037	0.047	0.029
Friday	8/31/2018	0.040	0.032	0.034	0.033	0.020
Saturday	9/1/2018	0.033	0.028	0.000	0.029	0.022
Sunday	9/2/2018	0.030	0.026	0.030	0.028	0.021

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 2018 Season (ppm _v)									
Marion		Orgill		Frayser		Shelby Farms		Hernando	
Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date
0.075	6/6/2018	0.075	6/14/2018	0.075	7/16/2018	0.080	7/13/2018	0.089	6/6/2018
0.075	8/3/2018	0.073	6/6/2018	0.071	6/6/2018	0.079	6/6/2018	0.075	6/5/2018
0.071	6/5/2018	0.071	6/8/2018	0.071	6/7/2018	0.076	6/14/2018	0.071	5/10/2018
0.070	6/7/2018	0.068	5/8/2018	0.068	6/8/2018	0.072	7/16/2018	0.069	5/7/2018

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 2018				
Year	Frayser	Orgill	Marion	Shelby Farms	Hernando	Frayser	Orgill	Marion	Shelby Farms	Hernando
2015	0.065	0.066	0.066	0.066	0.061					
2016	0.071	0.067	0.070	0.068	0.066					
2017	0.064	0.064	0.064	0.068	0.060	0.077	0.081	0.078	0.076	0.086
3-Year Avg. 4th High	0.066	0.065	0.066	0.067	0.062					
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	0.072	0.069					
Average	0.067	0.066	0.068	0.069	0.065					
New RunningDV*						0.069				

*New Running DV tentative assuming that four high values for 2018 have already occurred.

Note: The 2018 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.

8-Hour Daily Maxima (ppm_v)			
Day	Date	Springdale	Fayetteville
Monday	8/27/2018	0.041	0.043
Tuesday	8/28/2018	0.031	0.032
Wednesday	8/29/2018	0.031	0.033
Thursday	8/30/2018	0.031	0.035
Friday	8/31/2018	0.043	0.043
Saturday	9/1/2018	0.032	0.034
Sunday	9/2/2018	0.028	0.028

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 2018 Season (ppm_v)			
Springdale		Fayetteville	
Conc.	Date	Conc.	Date
0.066	8/9/2018	0.066	3/15/2018
0.065	5/6/2018	0.066	4/24/2018
0.064	8/10/2018	0.066	8/1/2018
0.064	7/20/2018	0.065	5/7/2018

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 2018	
Year	Springdale	Fayetteville		
2015	0.064	0.061		
2016	0.056	0.058	Springdale	Fayetteville
2017	0.061	0.058	0.095	0.096
3-year Avg. 4th High	0.060	0.059		
2016	0.056	0.058		
2017	0.061	0.058		
2018	0.064	0.065		
Average	0.060	0.060		
New Running DV*	0.060			

*New Running DV tentative assuming that four high values for 2018 have already occurred.

Note: The 2018 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: 8/27/2018

8-Hour Daily Maxima (ppm _v)				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	8/27/2018	0.026	0.035	0.041
Tuesday	8/28/2018	0.027	0.027	0.031
Wednesday	8/29/2018	0.028	0.029	0.045
Thursday	8/30/2018	0.032	0.032	0.035
Friday	8/31/2018	0.034	0.036	0.037
Saturday	9/1/2018	0.026	0.030	0.029
Sunday	9/2/2018	0.005	0.024	0.025

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



Four Highest 8-hour Ozone Concentrations for 2018 Season (ppm _v)					
Caddo Valley		Deer		Eagle Mtn.	
Conc.	Date	Conc.	Date	Conc.	Date
0.066	3/15/2018	0.065	3/15/2018	0.072	6/12/2018
0.062	4/18/2018	0.064	6/5/2018	0.068	3/15/2018
0.062	5/8/2018	0.062	4/24/2018	0.065	5/8/2018
0.062	6/6/2018	0.062	5/8/2018	0.064	5/7/2018

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 2018		
Year	Caddo Valley	Deer	Eagle Mtn.	Caddo Valley	Deer	Eagle Mtn.
2015	0.060	0.061	0.065			
2016	0.055	0.056	0.060			
2017	0.058	0.056	0.061	0.099	0.100	0.091
3-year Avg. 4th High	0.057	0.057	0.062			
2016	0.055	0.056	0.060			
2017	0.058	0.056	0.061			
2018	0.062	0.062	0.064			
Average	0.058	0.058	0.061			

Note: The 2018 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.