

Ozone Maxima (ppm_v) for Forecast Period Starting: 5/27/2019

8-Hour Daily Maxima (ppm _v)			
Day	Date	PARR	NLRAP
Monday	5/27/2019	0.038	0.039
Tuesday	5/28/2019	0.027	0.029
Wednesday	5/29/2019	0.037	0.038
Thursday	5/30/2019	0.040	0.037
Friday	5/31/2019	0.056	0.051
Saturday	6/1/2019	0.048	0.046
Sunday	6/2/2019	0.049	0.049

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	
0.056	3/28/2019		0.062	3/22/2019	
0.056	5/16/2019		0.059	5/14/2019	
0.056	5/31/2019		0.058	3/28/2019	
0.054	3/22/2019		0.057	5/16/2019	

New High Value(s)

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		
2016	0.065	0.063		
2017	0.058	0.062	PARR	NLRAP
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	0.054	0.057		
Average	0.058	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: 5/27/2019

8-Hour Daily Maxima (ppm _v)						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	5/27/2019	0.056	0.052	0.053	0.053	0.048
Tuesday	5/28/2019	0.034	0.037	0.033	0.036	0.031
Wednesday	5/29/2019	0.036	0.039	0.038	0.041	0.036
Thursday	5/30/2019	0.043	0.042	0.042	0.045	0.041
Friday	5/31/2019	0.059	0.059	0.058	0.063	0.059
Saturday	6/1/2019	0.061	0.056	0.059	0.064	0.056
Sunday	6/2/2019	0.064	0.058	0.059	0.064	0.063

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		0.063	6/2/2019
0.062	5/16/2019		0.063	5/17/2019		0.059	5/15/2019		0.066	5/16/2019		0.062	5/16/2019
0.061	5/15/2019		0.060	4/9/2019		0.059	5/17/2019		0.064	6/1/2019		0.060	5/15/2019
0.061	6/1/2019	0.060	4/21/2019	0.059	6/1/2019	0.064	6/2/2019	0.059	5/31/2019				

New High Value(s)

New High Value(s)

New High Value(s)

New High Value(s)

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					
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	0.059					
Average	0.063	0.064	0.065	0.068	0.062					
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: 5/27/2019

8-Hour Daily Maxima (ppm _v)			
Day	Date	Springdale	Fayetteville
Monday	5/27/2019	0.042	0.040
Tuesday	5/28/2019	0.033	0.034
Wednesday	5/29/2019	0.034	0.038
Thursday	5/30/2019	0.055	0.050
Friday	5/31/2019	0.066	0.056
Saturday	6/1/2019	0.057	0.052
Sunday	6/2/2019	0.053	0.056

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
0.059	3/27/2019	0.058	3/19/2019

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

*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: 5/27/2019

8-Hour Daily Maxima (ppm _v)				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	5/27/2019	0.042	0.041	0.045
Tuesday	5/28/2019	0.027	0.038	0.033
Wednesday	5/29/2019	0.033	0.044	0.047
Thursday	5/30/2019	0.035	0.056	0.000
Friday	5/31/2019	0.048	0.061	0.000
Saturday	6/1/2019	0.050	0.058	0.000
Sunday	6/2/2019	0.039	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 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

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 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			
3-year Avg. 4th High	0.058	0.058	0.061	0.092	0.094	0.087
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.