

Ozone Maxima (ppm_v) for Forecast Period Starting: 8/21/2017

8-Hour Daily Maxima (ppm_v)			
Day	Date	PARR	NLRAP
Monday	8/21/2017	0.037	0.000
Tuesday	8/22/2017	0.040	0.039
Wednesday	8/23/2017	0.038	0.043
Thursday	8/24/2017	0.044	0.048
Friday	8/25/2017	0.049	0.051
Saturday	8/26/2017	0.037	0.037
Sunday	8/27/2017	0.044	0.041

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 2016 Season (ppm_v)

PARR		NLRAP	
Conc.	Date	Conc.	Date
0.069	6/9/2017	0.075	6/9/2017
0.062	4/24/2017	0.065	5/14/2017
0.060	5/14/2017	0.063	4/24/2017
0.058	5/9/2017	0.060	4/8/2017

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 2017	
Year	PARR	NLRAP	PARR	NLRAP
2014	0.066	0.065		
2015	0.061	0.065		
2016	0.065	0.063	0.086	0.084
3-Year Avg. 4th High	0.064	0.064		
2015	0.061	0.065		
2016	0.065	0.063		
2017	0.058	0.060		
Average	0.061	0.062		
New Running DV*	0.062			

*New Running DV tentative assuming that four high values for 2017 have already occurred.

Note: The 2017 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: 8/21/2017

8-Hour Daily Maxima (ppm _v)						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	8/21/2017	0.037	0.039	0.049	0.056	0.034
Tuesday	8/22/2017	0.040	0.042	0.041	0.048	0.042
Wednesday	8/23/2017	0.040	0.035	0.037	0.043	0.044
Thursday	8/24/2017	0.047	0.047	0.047	0.054	0.051
Friday	8/25/2017	0.050	0.049	0.048	0.051	0.043
Saturday	8/26/2017	0.047	0.043	0.044	0.050	0.049
Sunday	8/27/2017	0.050	0.044	0.048	0.052	0.044

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 2016 Season (ppm _v)									
Marion		Orgill		Frayser		Shelby Farms		Hernando	
Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date
0.082	6/9/2017	0.068	5/15/2017	0.090	6/9/2017	0.071	6/15/2017	0.070	7/17/2017
0.067	5/14/2017	0.068	6/9/2017	0.071	5/14/2017	0.071	7/24/2017	0.061	5/9/2017
0.064	6/6/2017	0.065	7/25/2017	0.064	6/15/2017	0.068	6/20/2017	0.061	6/19/2017
0.064	6/15/2017	0.064	5/8/2017	0.064	6/20/2017	0.068	8/2/2017	0.060	4/9/2017

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 2017				
Year	Frayser	Orgill	Marion	Shelby Farms	Hernando	Frayser	Orgill	Marion	Shelby Farms	Hernando ¹
2014	0.067	0.065	0.067	0.066	0.067					
2015	0.065	0.066	0.066	0.066	0.061					
2016	0.071	0.067	0.070	0.068	0.066	0.076	0.079	0.076	0.078	0.085
3-Year Avg. 4th High	0.067	0.066	0.067	0.066	0.064					
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					
Average	0.066	0.065	0.066	0.067	0.062					
New RunningDV*	0.067									

*New Running DV tentative assuming that four high values for 2017 have already occurred.

Note: The 2017 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	8/21/2017	0.039	0.036
Tuesday	8/22/2017	0.044	0.039
Wednesday	8/23/2017	0.037	0.036
Thursday	8/24/2017	0.039	0.040
Friday	8/25/2017	0.042	0.046
Saturday	8/26/2017	0.046	0.039
Sunday	8/27/2017	0.050	0.048

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 2016 Season (ppm_v)			
Springdale		Fayetteville	
Conc.	Date	Conc.	Date
0.063	5/8/2017	0.059	2/23/2017
0.062	5/6/2017	0.059	7/7/2017
0.061	4/8/2017	0.058	4/8/2017
0.061	5/7/2017	0.058	5/8/2017

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 2017	
Year	Springdale	Fayetteville	Springdale	Fayetteville
2014	0.061	0.062		
2015	0.064	0.061		
2016	0.056	0.058	0.092	0.093
3-year Avg. 4th High	0.060	0.060		
2015	0.064	0.061		
2016	0.056	0.058		
2017	0.061	0.058		
Average	0.060	0.059		
New Running DV*	0.060			

*New Running DV tentative assuming that four high values for 2017 have already occurred.

Note: The 2017 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: 8/21/2017

8-Hour Daily Maxima (ppm _v)				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	8/21/2017	0.037	0.033	0.040
Tuesday	8/22/2017	0.034	0.037	0.041
Wednesday	8/23/2017	0.042	0.036	0.035
Thursday	8/24/2017	0.042	0.044	0.048
Friday	8/25/2017	0.050	0.049	0.051
Saturday	8/26/2017	0.042	0.045	0.043
Sunday	8/27/2017	0.033	0.046	0.043

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



Four Highest 8-hour Ozone Concentrations for 2016 Season (ppm _v)					
Caddo Valley		Deer		Eagle Mtn.	
Conc.	Date	Conc.	Date	Conc.	Date
0.062	4/8/2017	0.058	4/8/2017	0.062	5/8/2017
0.058	4/24/2017	0.057	4/24/2017	0.061	4/7/2017
0.058	6/20/2017	0.057	5/6/2017	0.060	4/4/2017
0.057	2/23/2017	0.057	5/9/2017	0.060	5/25/2017

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 2017		
Year	Caddo Valley	Deer	Eagle Mtn.	Caddo Valley	Deer	Eagle Mtn.
2014	0.059	0.062	0.063			
2015	0.060	0.061	0.065			
2016	0.055	0.056	0.060	0.097	0.095	0.087
3-year Avg. 4th High	0.058	0.059	0.062			
2015	0.060	0.061	0.065			
2016	0.055	0.056	0.060			
2017	0.057	0.057	0.060			
Average	0.057	0.058	0.061			

Note: The 2017 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.