

**Ozone Maxima (ppm<sub>v</sub>) for Forecast Period Starting: 7/15/2019**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	PARR	NLRAP
Monday	7/15/2019	0.022	0.024
Tuesday	7/16/2019	0.027	0.027
Wednesday	7/17/2019	0.028	0.026
Thursday	7/18/2019	0.033	0.031
Friday	7/19/2019	0.033	0.033
Saturday	7/20/2019	0.035	0.036
Sunday	7/21/2019	0.033	0.029

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<sub>v</sub>)**

PARR		NLRAP	
Conc.	Date	Conc.	Date
0.057	6/3/2019	0.062	3/22/2019
0.056	3/28/2019	0.059	5/14/2019
0.056	5/16/2019	0.059	6/3/2019
0.056	5/31/2019	0.058	3/28/2019

**Computation of Design Value for LR/NLR/Conway Arkansas MSA**

4th High Values (ppm <sub>v</sub> )			Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2019	
Year	PARR	NLRAP		
2016	0.065	0.063	PARR	NLRAP
2017	0.058	0.062		
2018	0.064	0.067		
3-Year Avg. 4th High	0.062	0.064		
2017	0.058	0.062		
2018	0.064	0.067	0.090	0.083
2019	0.056	0.058		
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<sub>v</sub>) for Forecast Period Starting: 7/15/2019**

8-Hour Daily Maxima (ppm <sub>v</sub> )						
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	7/15/2019	0.024	0.026	0.023	0.026	0.022
Tuesday	7/16/2019	0.028	0.033	0.028	0.030	0.028
Wednesday	7/17/2019	0.028	0.033	0.029	0.035	0.026
Thursday	7/18/2019	0.027	0.031	0.026	0.031	0.023
Friday	7/19/2019	0.030	0.036	0.030	0.035	0.026
Saturday	7/20/2019	0.032	0.035	0.033	0.036	0.028
Sunday	7/21/2019	0.031	0.029	0.029	0.031	0.024

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 <sub>v</sub> )													
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		0.064	7/11/2019
0.062	5/16/2019		0.063	5/17/2019		0.059	5/15/2019		0.066	5/16/2019		0.063	6/2/2019
0.062	6/3/2019		0.061	6/14/2019		0.059	5/17/2019		0.064	6/1/2019		0.062	5/16/2019
0.061	5/15/2019		0.060	4/9/2019		0.059	6/1/2019		0.064	6/2/2019		0.060	5/15/2019

Computation of Design Values for Memphis TN-MS-AR MSA										
4th High Values (ppm <sub>v</sub> )						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					
<b>3-Year Avg. 4th High</b>	<b>0.067</b>	<b>0.066</b>	<b>0.068</b>	<b>0.069</b>	<b>0.065</b>					
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	0.060					
Average	<b>0.063</b>	<b>0.064</b>	<b>0.065</b>	<b>0.068</b>	<b>0.063</b>					
<b>New RunningDV*</b>	<b>0.068</b>									

\*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<sub>v</sub>) for Forecast Period Starting: 7/15/2019**

8-Hour Daily Maxima (ppm <sub>v</sub> )			
Day	Date	Springdale	Fayetteville
Monday	7/15/2019	0.023	0.022
Tuesday	7/16/2019	0.036	0.035
Wednesday	7/17/2019	0.033	0.029
Thursday	7/18/2019	0.029	0.029
Friday	7/19/2019	0.034	0.034
Saturday	7/20/2019	0.033	0.034
Sunday	7/21/2019	0.034	0.036

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 <sub>v</sub> )			
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 <sub>v</sub> )			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	0.061	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<sub>v</sub>) for Forecast Period Starting: 7/15/2019**

8-Hour Daily Maxima (ppm <sub>v</sub> )				
Day	Date	Caddo Valley	Deer	Eagle Mtn.
Monday	7/15/2019	0.021	0.016	0.023
Tuesday	7/16/2019	0.029	0.028	0.027
Wednesday	7/17/2019	0.026	0.031	0.027
Thursday	7/18/2019	0.027	0.028	0.031
Friday	7/19/2019	0.030	0.028	0.030
Saturday	7/20/2019	0.027	0.030	0.028
Sunday	7/21/2019	0.029	0.039	0.035

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 <sub>v</sub> )							
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 <sub>v</sub> )				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
<b>3-year Avg. 4th High</b>	<b>0.058</b>	<b>0.058</b>	<b>0.061</b>			
2017	0.058	0.056	0.061			
2018	0.062	0.062	0.064			
2019	0.057	0.058	0.060			
<b>Average</b>	<b>0.059</b>	<b>0.058</b>	<b>0.061</b>			

**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.