Ozone Maxima (ppm_v) for Forecast Period Starting:	5/8/2023

8-Hour Daily Maxima (ppm_v)			
Day	**Date**	**PARR**	**NLRAP**
Monday	5/8/2023	0.027	0.033
Tuesday	5/9/2023	0.041	0.056
Wednesday	5/10/2023	0.027	0.038
Thursday	5/11/2023	0.019	0.027
Friday	5/12/2023	0.023	0.034
Saturday	5/13/2023	0.019	0.027
Sunday	5/14/2023	0.029	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 monitoirng site that is currently the controlling monitor for attainment:

Four Highest 8-hour Ozone Concentrations for 2023 Season (ppm_v)			
PARR		**NLRAP**	
Conc.	**Date**	**Conc.**	**Date**
0.052	2/28/2023	0.059	5/3/2023
0.051	4/13/2023	0.058	4/13/2023
0.051	5/3/2023	0.056	5/9/2023
0.050	4/18/2023	0.055	2/28/2023

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 2023	
Year	**PARR**	**NLRAP**	**PARR**	**NLRAP**
2020	0.060	0.063		
2021	0.062	0.067		
2022	0.064	0.060	0.086	0.085
3-Year Avg. 4th High	**0.062**	**0.063**		
2021	0.062	0.067		
2022	0.064	0.060		
2023	0.050	0.055		
Average	**0.058**	**0.060**		
New Running DV*	**0.060**			

*New Running DV tentative assuming that four high values for 2023 have already occurred.

Note: The 2023 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: 5/8/2023

8-Hour Daily Maxima (ppm_v)

Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando
Monday	5/8/2023	0.032	0.039	0.034	0.038	0.034
Tuesday	5/9/2023	0.056	0.049	0.053	0.068	0.059
Wednesday	5/10/2023	0.042	0.037	0.039	0.043	0.041
Thursday	5/11/2023	0.038	0.037	0.034	0.037	0.036
Friday	5/12/2023	0.044	0.026	0.038	0.045	0.039
Saturday	5/13/2023	0.036	0.000	0.037	0.042	0.037
Sunday	5/14/2023	0.048	0.000	0.052	0.044	0.037

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 monitoirng site that is currently the controlling monitor for attainment:

Four Highest 8-hour Ozone Concentrations for 2023 Season (ppm_v)

Marion		Orgill		Frayser		Shelby Farms		Hernando	
Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date	Conc.	Date
0.062	4/12/2023	0.062	4/19/2023	0.064	4/12/2023	0.068	5/9/2023	0.061	5/3/2023
0.061	4/19/2023	0.061	4/18/2023	0.062	5/4/2023	0.063	5/4/2023	0.059	3/30/2023
0.061	5/4/2023	0.059	3/30/2023	0.059	4/18/2023	0.062	3/30/2023	0.059	5/9/2023
0.058	4/11/2023	0.058	4/12/2023	0.058	4/19/2023	0.061	4/18/2023	0.058	4/18/2023

New High Value(s) **New High Value(s)**

Computation of Design Values for Memphis TN-MS-AR MSA

4th High Values (ppm_v)

Year	Frayser	Orgill	Marion	Shelby Farms	Hernando
2020	0.06	0.062	0.069	0.062	0.062
2021	0.067	0.063	0.072	0.071	0.065
2022	0.069	0.069	0.071	0.074	0.075
3-Year Avg. 4th High	**0.065**	**0.064**	**0.070**	**0.069**	**0.067**
2021	0.067	0.063	0.072	0.071	0.065
2022	0.069	0.069	0.071	0.074	0.075
2023	0.058	0.058	0.058	0.061	0.058
Average	**0.064**	**0.063**	**0.067**	**0.068**	**0.066**
New RunningDV*	**0.068**				

Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2023

Frayser	Orgill	Marion	Shelby Farms	Hernando
0.076	0.080	0.069	0.067	0.072

*New Running DV tentative assuming that four high values for 2023 have already occurred.

Note: The 2023 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:	5/8/2023

8-Hour Daily Maxima (ppm_v)			
Day	**Date**	**Springdale**	**Fayetteville**
Monday	5/8/2023	0.053	0.044
Tuesday	5/9/2023	0.047	0.042
Wednesday	5/10/2023	0.035	0.037
Thursday	5/11/2023	0.044	0.038
Friday	5/12/2023	0.038	0.036
Saturday	5/13/2023	0.047	0.045
Sunday	5/14/2023	0.037	0.034

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 monitoirng site that is currently the controlling monitor for attainment:

Four Highest 8-hour Ozone Concentrations for 2023 Season (ppm_v)			
Springdale		**Fayetteville**	
Conc.	**Date**	**Conc.**	**Date**
0.067	5/3/2023	0.068	4/18/2023
0.066	4/18/2023	0.067	5/3/2023
0.065	3/6/2023	0.064	4/17/2023
0.063	3/5/2023	0.063	3/29/2023

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 2023	
Year	**Springdale**	**Fayetteville**	**Springdale**	**Fayetteville**
2020	0.054	0.055		
2021	0.063	0.062		
2022	0.067	0.067	0.091	0.090
3-year Avg. 4th High	**0.061**	**0.061**		
2021	0.054	0.055		
2022	0.067	0.067		
2023	0.063	0.063		
Average	**0.061**	**0.061**		
New Running DV*	**0.061**			

*New Running DV tentative assuming that four high values for 2023 have already occurred.

Note: The 2023 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: 5/8/2023

8-Hour Daily Maxima (ppm_v)				
Day	**Date**	**Caddo Valley**	**Deer**	**Eagle Mtn.**
Monday	5/8/2023	0.038	0.036	0.026
Tuesday	5/9/2023	0.042	0.042	0.033
Wednesday	5/10/2023	0.032	0.038	0.029
Thursday	5/11/2023	0.028	0.038	0.031
Friday	5/12/2023	0.030	0.033	0.034
Saturday	5/13/2023	0.025	0.026	0.026
Sunday	5/14/2023	0.037	0.038	0.027

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

Four Highest 8-hour Ozone Concentrations for 2023 Season (ppm_v)					
Caddo Valley		**Deer**		**Eagle Mtn.**	
Conc.	**Date**	**Conc.**	**Date**	**Conc.**	**Date**
0.057	2/28/2023	0.060	4/18/2023	0.056	2/28/2023
0.056	4/18/2023	0.060	5/3/2023	0.056	4/18/2023
0.055	5/3/2023	0.058	3/29/2023	0.053	3/26/2023
0.053	3/19/2023	0.058	4/13/2023	0.053	3/27/2023

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 2023**		
Year	**Caddo Valley**	**Deer**	**Eagle Mtn.**	**Caddo Valley**	**Deer**	**Eagle Mtn.**
2020	0.049	0.061	0.058			
2021	0.058	0.058	0.061			
2022	0.060	0.064	0.061	0.094	0.090	0.090
3-year Avg. 4th High	**0.055**	**0.061**	**0.060**			
2021	0.058	0.058	0.061			
2022	0.060	0.064	0.061			
2023	0.053	0.058	0.053			
Average	**0.057**	**0.060**	**0.058**			

Note: The 2023 information is "raw data" as automatically collected and reported by the monitoring stations and has not been QC-checked, analyzed, or verified.