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

8-Hour Daily Maxima (ppm <sub><math>v</math></sub> )									
Day	Date	PARR	NLRAP						
Monday	7/16/2018	0.035	0.032						
Tuesday	7/17/2018	0.047	0.048						
Wednesday	7/18/2018	0.040	0.036						
Thursday	7/19/2018	0.050	0.048						
Friday	7/20/2018	0.043	0.044						
Saturday	7/21/2018	0.052	0.046						
Sunday	7/22/2018	0.045	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 H	ighest 8-hour	one Concentrations	for 2018 Se
PA	ARR	NL	RAP
Conc.	Date	Conc.	Date
0.077	6/6/2018	0.070	6/5/2018
0.073	6/5/2018	0.070	6/6/2018
0.064	6/7/2018	0.070	6/7/2018
0.062	5/7/2018	0.067	5/24/2018

Computation of Design Value for LR/NLR/Conway Arkansas MSA									
4th High Va	Maximum 4th High 8hr Value To								
Year	PARR	NLRAP	Remain Below 2015 Standard						
2015	0.061	0.065	(0.070 ppm) for 2018						
2016	0.065	0.063	PARR NLRAP						
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	0.062	0.067	1						
Average	0.061	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<sub>v</sub>) for Forecast Period Starting: 7/16/2018

	8-Hour Daily Maxima (ppm <sub>v</sub> )											
Day	Date	Marion	Orgill	Frayser	Shelby Farms	Hernando						
Monday	7/16/2018	0.057	0.049	0.075	0.072	0.049						
Tuesday	7/17/2018	0.052	0.047	0.047	0.066	0.055						
Wednesday	7/18/2018	0.049	0.041	0.040	0.043	0.040						
Thursday	7/19/2018	0.051	0.051	0.061	0.051	0.041						
Friday	7/20/2018	0.047	0.057	0.055	0.053	0.039						
Saturday	7/21/2018	0.047	0.048	0.045	0.051	0.055						
Sunday	7/22/2018	0.047	0.044	0.045	0.049	0.051						

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 2018 Season (ppm <sub>v</sub> )												
Ma	rion		0	rgill		Fi	ayser		Shelby	<b>Farms</b>		Herr	nando
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
0.071	6/5/2018		0.073	6/6/2018		0.071	6/6/2018		0.079	6/6/2018		0.075	6/5/2018
0.070	6/7/2018		0.071	6/8/2018		0.071	6/7/2018		0.076	6/14/2018		0.071	5/10/2018
0.068	6/15/2018		0.068	5/8/2018		0.068	6/8/2018	]	0.072	7/16/2018		0.069	5/7/2018
			8										· · · · · · · · · · · · · · · · · · ·

New High Value(s)

New High Value(s)

	COL	nputation of 1	Design Valu	ies for Memp	his TN-MS-AF	R MSA			
4th Hig	gh Values (	ppm <sub>v</sub> )							
Frayser	Orgill	Marion	Shelby Farms	Hernando		Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2018			
0.065	0.066	0.066	0.066	0.061	Enouron	Orgill	Marian	Shelby	Hernando
0.071	0.067	0.070	0.068	0.066	Flayser	Orgin	Warton	Farms	nernanuo
0.064	0.064	0.064	0.068	0.060	0.077	0.081	0.078	0.076	0.086
0.066	0.065	0.066	0.067	0.062					
0.071	0.067	0.070	0.068	0.066					
0.064	0.064	0.064	0.068	0.060					
0.068	0.068	0.068	0.072	0.069					
0.067	0.066	0.067	0.069	0.065					
		0.069							
	Frayser    0.065    0.071    0.064    0.066    0.071    0.064    0.064    0.068    0.067	Frayser  Orgill    0.065  0.066    0.071  0.067    0.064  0.064    0.066  0.065    0.071  0.067    0.064  0.064    0.064  0.067    0.064  0.064    0.064  0.064    0.064  0.064    0.064  0.064    0.064  0.064	0.065  0.066  0.066    0.071  0.067  0.070    0.064  0.064  0.064    0.066  0.065  0.066    0.071  0.067  0.070    0.066  0.067  0.070    0.064  0.064  0.064    0.064  0.064  0.064    0.064  0.064  0.064    0.068  0.068  0.068    0.067  0.066  0.067    0.069  0.069  0.069	Frayser  Orgill  Marion  Shelby Farms    0.065  0.066  0.066  0.066    0.071  0.067  0.070  0.068    0.064  0.064  0.064  0.068    0.064  0.065  0.066  0.067    0.071  0.067  0.070  0.068    0.064  0.065  0.066  0.067    0.071  0.067  0.070  0.068    0.064  0.064  0.064  0.068    0.064  0.064  0.068  0.072    0.068  0.066  0.067  0.069	Frayser  Orgill  Marion  Shelby Farms  Hernando    0.065  0.066  0.066  0.066  0.061    0.071  0.067  0.070  0.068  0.066    0.064  0.064  0.064  0.068  0.066    0.064  0.065  0.066  0.067  0.062    0.071  0.067  0.070  0.068  0.062    0.071  0.067  0.070  0.068  0.062    0.071  0.067  0.070  0.068  0.066    0.064  0.064  0.064  0.068  0.066    0.064  0.064  0.068  0.069  0.069    0.068  0.066  0.067  0.069  0.065    0.067  0.069  0.065  0.069  0.065	Frayser  Orgill  Marion  Shelby Farms  Hernando    0.065  0.066  0.066  0.066  0.061    0.071  0.067  0.070  0.068  0.066    0.064  0.064  0.068  0.060  0.077    0.066  0.065  0.066  0.067  0.070    0.064  0.064  0.068  0.060  0.077    0.066  0.065  0.066  0.067  0.062    0.071  0.067  0.070  0.068  0.066    0.071  0.067  0.070  0.068  0.066    0.064  0.064  0.068  0.066  0.071    0.064  0.064  0.068  0.060  0.067    0.068  0.068  0.069  0.069  0.065    0.067  0.069  0.065  0.065  0.065	Frayser  Orgill  Marion  Shelby Farms  Hernando  Maximum 4th Below 2015 Sta    0.065  0.066  0.066  0.066  0.061  Brayser  Orgill    0.065  0.067  0.070  0.068  0.066  Frayser  Orgill    0.064  0.064  0.064  0.068  0.060  0.071  0.081    0.066  0.065  0.066  0.067  0.062  0.081  0.081    0.064  0.064  0.068  0.066  0.071  0.081  0.081    0.064  0.064  0.068  0.066  0.081  0.081    0.064  0.064  0.068  0.066  0.081  0.081    0.064  0.064  0.068  0.060  0.069  0.069    0.067  0.069  0.069  0.065  0.069  0.065	Frayser  Orgill  Marion  Shelby Farms  Hernando  Maximum 4th High 8hr Value Below 2015 Standard (0.070 pr Below 2	Frayser  Orgill  Marion  Shelby Farms  Hernando  Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2018    0.065  0.066  0.066  0.066  0.061  Frayser  Orgill  Marion  Shelby Farms    0.065  0.066  0.066  0.066  0.061  Frayser  Orgill  Marion  Shelby Farms    0.064  0.067  0.068  0.066  0.077  0.081  0.078  0.076    0.064  0.064  0.068  0.066  0.077  0.081  0.078  0.076    0.064  0.064  0.068  0.066  0.067  0.062

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

8	8-Hour Daily Maxima (ppm <sub>v</sub> )									
Day	Date	Springdale	Fayetteville							
Monday	7/16/2018	0.046	0.048							
Tuesday	7/17/2018	0.049	0.050							
Wednesday	7/18/2018	0.038	0.036							
Thursday	7/19/2018	0.062	0.049							
Friday	7/20/2018	0.064	0.044							
Saturday	7/21/2018	0.053	0.000							
Sunday	7/22/2018	0.044	0.000							

Cells with the following shading represent new seasonal high 8-hour values for the most recent forecast week:

7/16/2018

Cells with the following shading represent the monitoirng site that is currently the controlling monitor for attainment:

Fo	ur Highest 8-l	<b>Ozone Concentration</b>	ns for 2018 Sea
Spri	ngdale	Faye	etteville
Conc.	Date	Conc.	Date
0.065	5/6/2018	0.066	3/15/2018
0.064	7/20/2018	0.066	4/24/2018
0.063	6/23/2018	0.065	5/7/2018
0.062	3/15/2018	0.064	4/28/2018

## New High Value(s)

Computation of Desig	Computation of Design Value for Fayetteville/Springdale/Rogers Arkansas MSA									
4th High V	Values (ppm <sub>v</sub> )									
Year	Springdale	pringdale Fayetteville Maximum 4th High 8hr Below 2015 Standard (0.								
2015	0.064	0.061	Delow 2015 Standard (0.070 ppm) for 20							
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	0.062	0.064								
Average	0.059	0.060								
New Running DV*	0.0	)60								

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

	8-Hour Daily Maxima (ppm <sub>v</sub> )										
Day	Date	Date Caddo Deel		Eagle Mtn.							
Monday	7/16/2018	0.034	0.048	0.042							
Tuesday	7/17/2018	0.043	0.049	0.046							
Wednesday	7/18/2018	0.023	0.041	0.044							
Thursday	7/19/2018	0.000	0.051	0.047							
Friday	7/20/2018	0.000	0.050	0.056							
Saturday	7/21/2018	0.000	0.049	0.054							
Sunday	7/22/2018	0.000	0.042	0.045							

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 <sub>v</sub> )									
Cadd	Caddo Valley		Ľ	Deer		Eag	le 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		

C	computation of	of Design V	Value for Nor	n-MSA Monitor	S	
4th H						
Year	Caddo Valley	Deer	Eagle Mtn.	Maximum 4th High 8hr Value To Remain Below 2015 Standard (0.070 ppm) for 2018		
2015	0.060	0.061	0.065	Cadda Vallay	Deer	Eagle Mtn.
2016	0.055	0.056	0.060	Caddo Valley		Lagie Mith
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.

7/16/2018