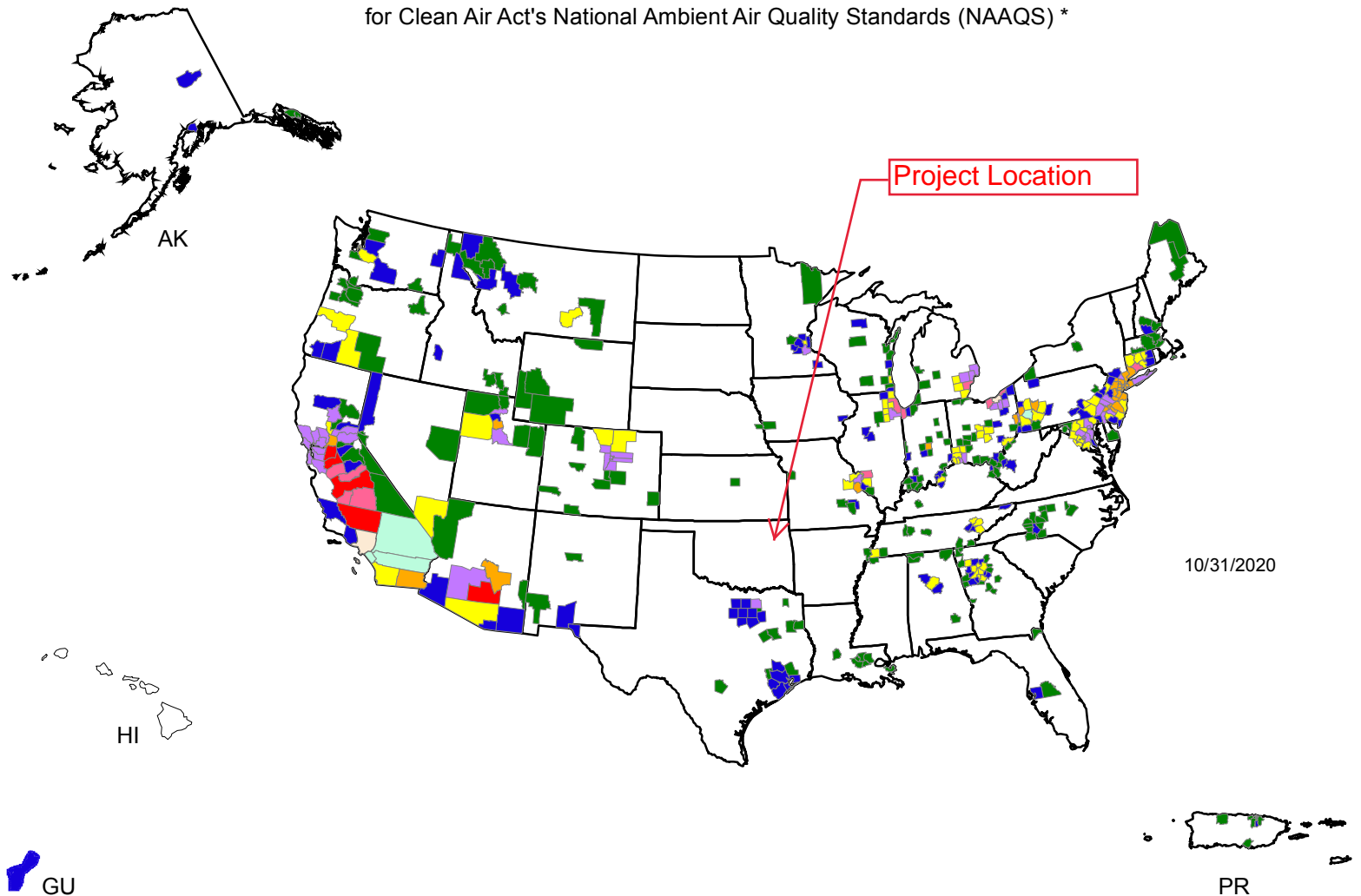


Counties Designated "Nonattainment" or "Maintenance"

for Clean Air Act's National Ambient Air Quality Standards (NAAQS) *



Legend **

- County Designated Nonattainment or Maintenance for 9 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 8 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 7 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 6 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 5 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 4 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 3 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 2 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 1 NAAQS Pollutants

* The National Ambient Air Quality Standards (NAAQS) are health standards for Carbon Monoxide, Lead (1978 and 2008), Nitrogen Dioxide, 8-hour Ozone (2008), Particulate Matter (PM-10 and PM-2.5 (1997, 2006 and 2012), and Sulfur Dioxide.(1971 and 2010)

** Included in the counts are counties designated for NAAQS and revised NAAQS pollutants. Revoked 1-hour (1979) and 8-hour Ozone (1997) are excluded. Partial counties, those with part of the county designated nonattainment and part attainment, are shown as full counties on the map.

2019 END OF SEASON OZONE SCORECARD*

Tulsa Area Ozone Trends Chart

2 Exceedance Days: **April 8; August 6**

Through 12/31/2019

Monitor Site			2019 Highest 8-Hr Ozone Averages (ppm)* (1st through 4th highest daily readings)				DESIGN VALUE 3-Year Average of the 4th highest readings	
2016 4th High	2017 4th High	2018 4th High	1st Highest date	2nd Highest date	3rd Highest date	4th Highest date	2016-2018 3-Yr Avg	2017-2019 3-Yr Average
West (#144 Mannford)			.071 8-Apr	.068 8-Jun	.068 30-Jul	.066 9-Apr	.065	.066
064	064	069						
East (#178 Lynn Lane)			.072 6-Aug	.069 31-May	.068 9-Apr	.067 10-Apr	.065	.067
.063	.064	.070						
Central (#1127 Tulsa)			.069 8-Jun	.067 10-Apr	.066 9-Apr	.066 Sept 7	.065	.067
062	062	073						
North (#226 Skiatook)			.067 10-Apr	.066 9-Apr	.066 7-Sept	.064 2-Jun	.067	.067
.064	.064	073						
South (#174 Glenpool)			.066 8-Jun	.066 6-Aug	.064 9-Apr	.064 10-Apr	.065	.065
064	065	067						

An Ozone Exceedance = 0.071 ppm or greater

Exceedance days are unhealthy air days and shown in red in the table above.

The EPA Ozone Standard uses the Design Value: Although certainly concerning, exceedance days are not the same thing as 'violating the ozone standard'. The standard uses the 4th highest reading each year and averages it with the 4th highest readings from the two prior years. This 3-year average is called the Design Value. In the table above, the middle columns with dates show this year's 1st through 4th highest daily readings for each monitor. The 4th highest column is the one that counts at year end - the one that is averaged with the 4th highest readings from the two previous years. Each monitor's readings and averages are calculated uniquely and whichever Design Value is the highest becomes the area's Ozone Design Value.

A Violation of the ozone standard = Design Value 0.071 ppm or greater.

Our 2019 Design Value is 0.067 ppm determined by the NORTH (also EAST & CENTRAL) monitor. This is calculated by averaging the monitor's 2017 4th high value of 0.064, 2018 4th high of 0.073, and its 2019 4th highest reading of 0.064 (the standard uses no rounding).

Does our 2017-2019 Design Value meet the EPA ozone standard? Yes.

*2019 data is preliminary and subject to change as a result of the ODEQ/EPA verification process



ABOUT DEQ

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RULES & REGULATIONS

ENVIRONMENTAL COMPLAINTS

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Planning >

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USG = Unhealthy For Sensitive Groups

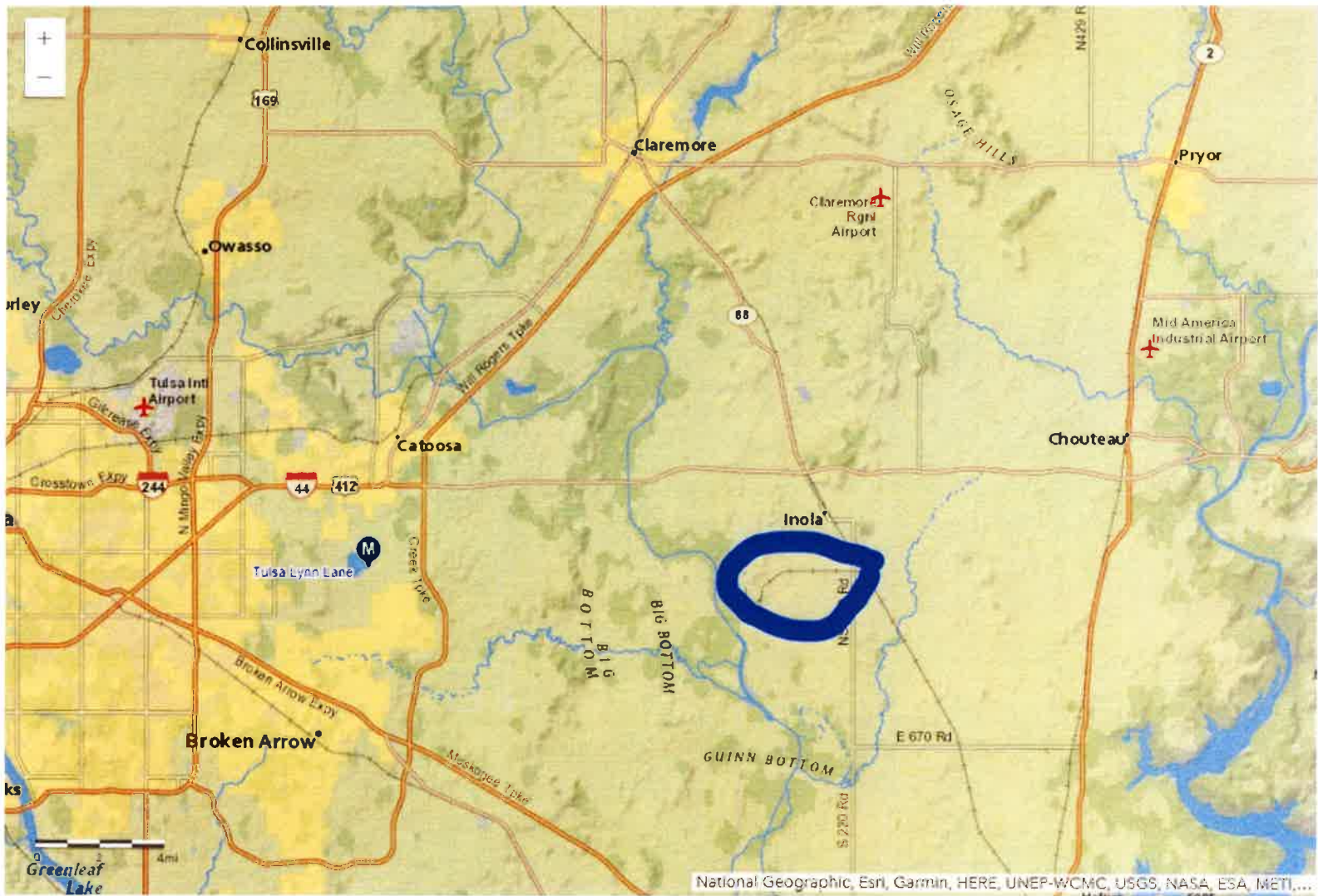
* = Alert Day

Real Time (Hourly) Data By Pollutant

Ozone, Particulate Matter (PM10, PM2.5), Carbon Monoxide, Nitrogen Dioxide, Sulfur Dioxide, Hydrogen Sulfide

Regional and National Data: EPA's Airnow Actual AQI values and archived monitoring data: Past Air Data

Monitoring Sites Map (or view as table)





Mary Fallin
Office of the Governor
State of Oklahoma
September 26, 2016

Ron Curry, Regional Administrator, 6RA
U.S. Environmental Protection Agency, Region 6
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

Dear Administrator Curry:

On October 1, 2015, the U.S. Environmental Protection Agency (EPA) revised the primary and secondary ozone national ambient air quality standard (NAAQS) (80 FR 65292, October 26, 2015). In that action, EPA revised the primary and secondary ozone standards, strengthening them from 0.075 parts per million (ppm) to 0.070 ppm. As required by section 107(d)(1)(A) of the federal Clean Air Act (42 USC § 7407) and on behalf of the State of Oklahoma, I recommend that each of the 77 counties in Oklahoma be designated attainment/unclassifiable for the revised primary and secondary ozone standards.

This recommendation is based on an evaluation performed by the Department of Environmental Quality (DEQ) of certified ozone monitoring data from 2013 through 2015, as specified by EPA guidance. The evaluation also includes 2016 uncertified ozone data through August 31st. All DEQ-operated ozone regulatory monitors in the State of Oklahoma have monitored ozone levels that attain the 2015 0.070 ppm ozone standards. Attached is data from DEQ's ozone monitoring network to support this conclusion. If you desire additional information, or you have any questions concerning this matter, please contact Eddie Terrill at 405-702-4100.

Sincerely,

A handwritten signature in black ink that reads "Mary Fallin".

Mary Fallin
Governor