



ACOG DROUGHT CONDITIONS

IN CENTRAL OKLAHOMA

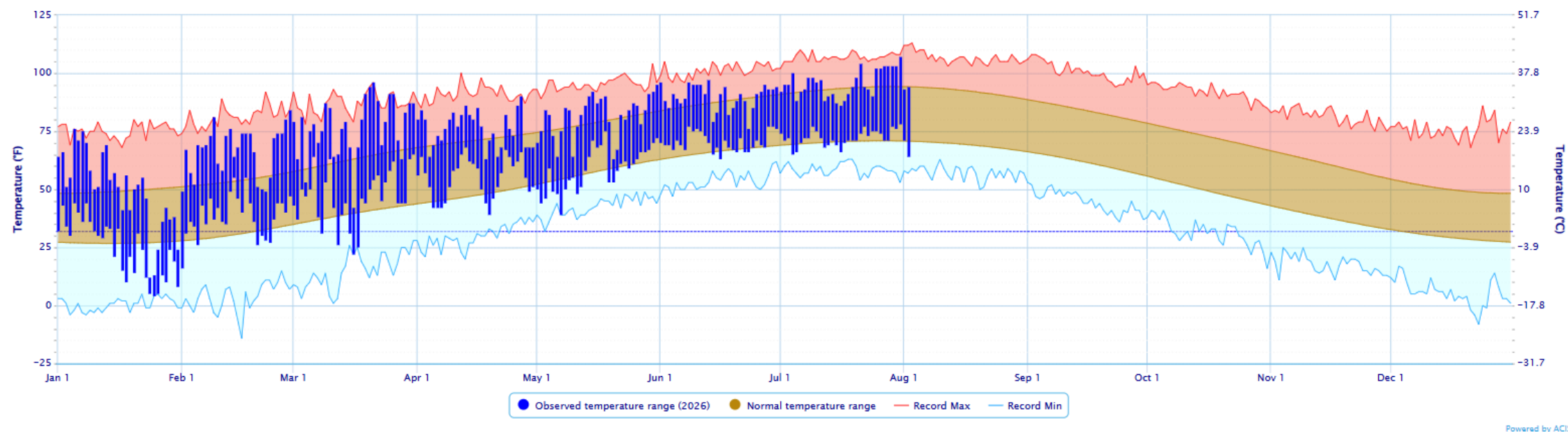
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AUGUST 2026



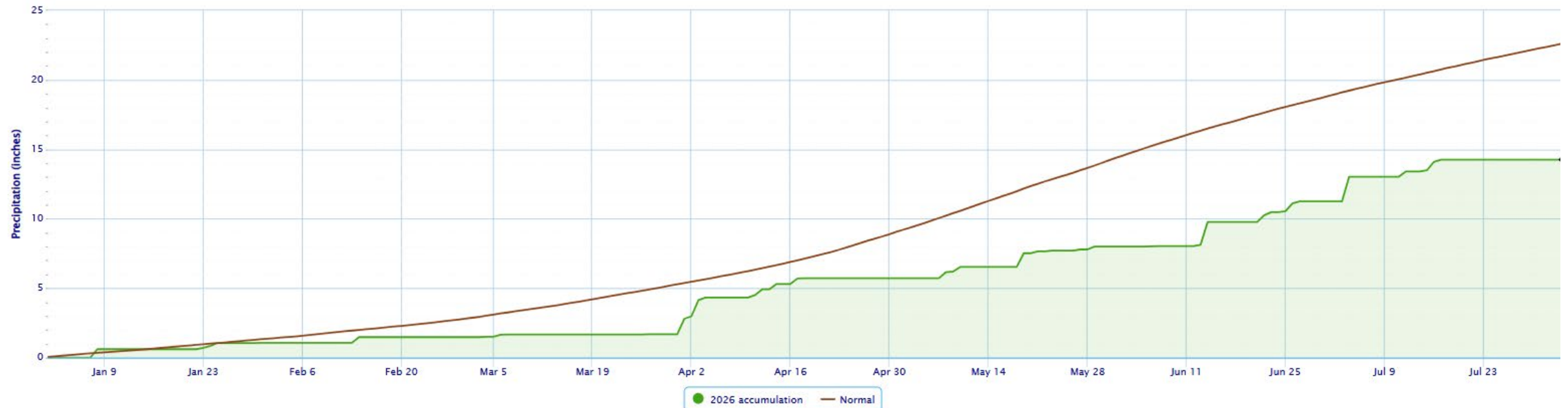
TEMPERATURE PLOT FOR OKLAHOMA CITY, OK - 2026



MONTHLY TEMPERATURE TREND:

The first two-thirds of July stayed close to average, but the last third ramped up the heat. These high temperatures are predicted to stick around through August.

PRECIPITATION PLOT FOR OKLAHOMA CITY, OK - 2026



Powered by ACIS

MONTHLY PRECIPITATION TREND:

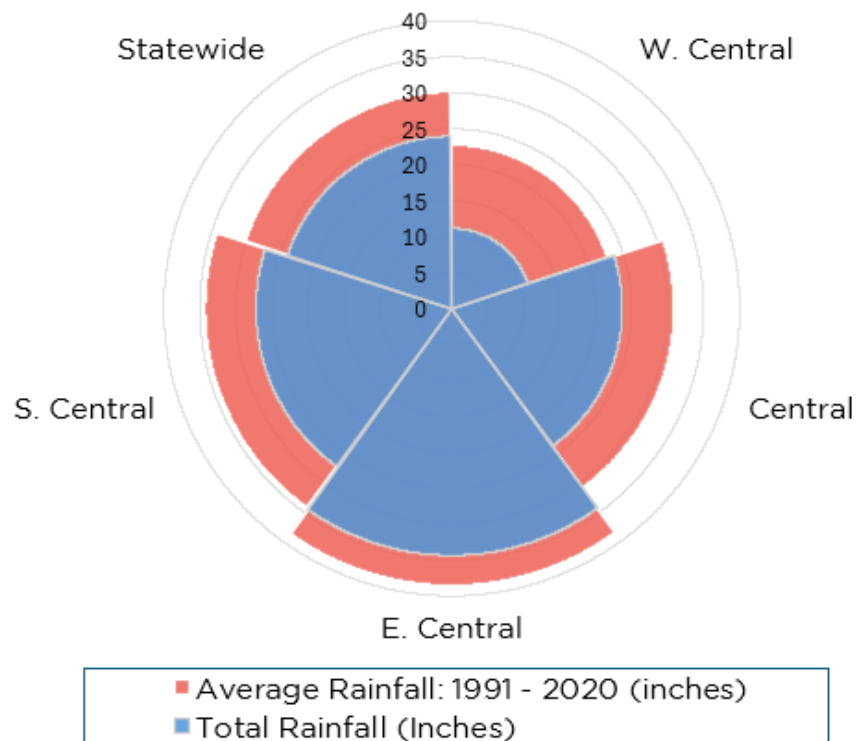
A few big storms almost had July reaching the monthly precipitation average, but it still fell short due to inconsistent rain. This means our yearly accumulation gap continues to grow.

WATER YEAR RAINFALL SUMMARY



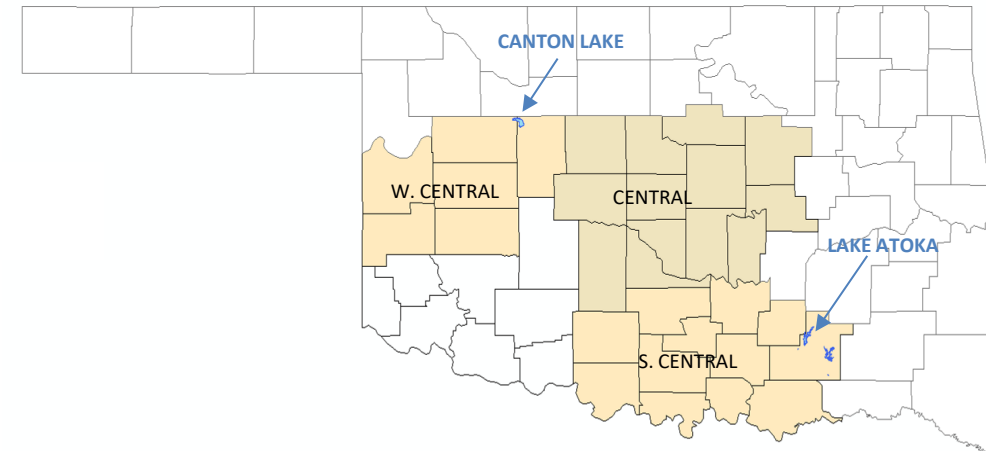
WATER YEAR RAINFALL CHART

Oct 1, 2025 - Aug 2, 2026



CENTRAL OKLAHOMA TAKEAWAY:

- Central Oklahoma is down just over 7 inches from its average rainfall – making this the 24th driest water year as of August 2nd.
- Even with El Niño established, stronger rain is not expected until later this year.



NOAA ONE-MONTH TEMPERATURE OUTLOOK



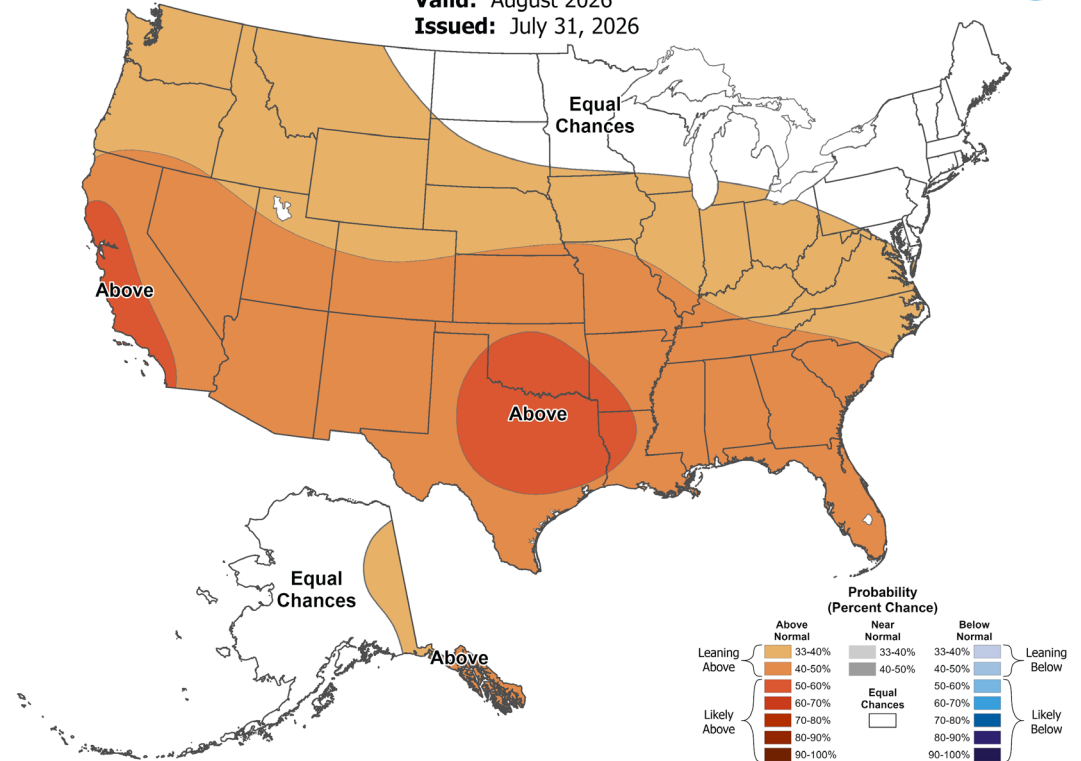
AUGUST TEMPERATURE OUTLOOK:

- White areas shown as EC (Equal Chance) on these maps represent areas with no strong climate signals based on current data.
- Central Oklahoma falls solidly within the “Above Normal” temperature outlook, meaning another hot month ahead.



Monthly Temperature Outlook

Valid: August 2026
Issued: July 31, 2026

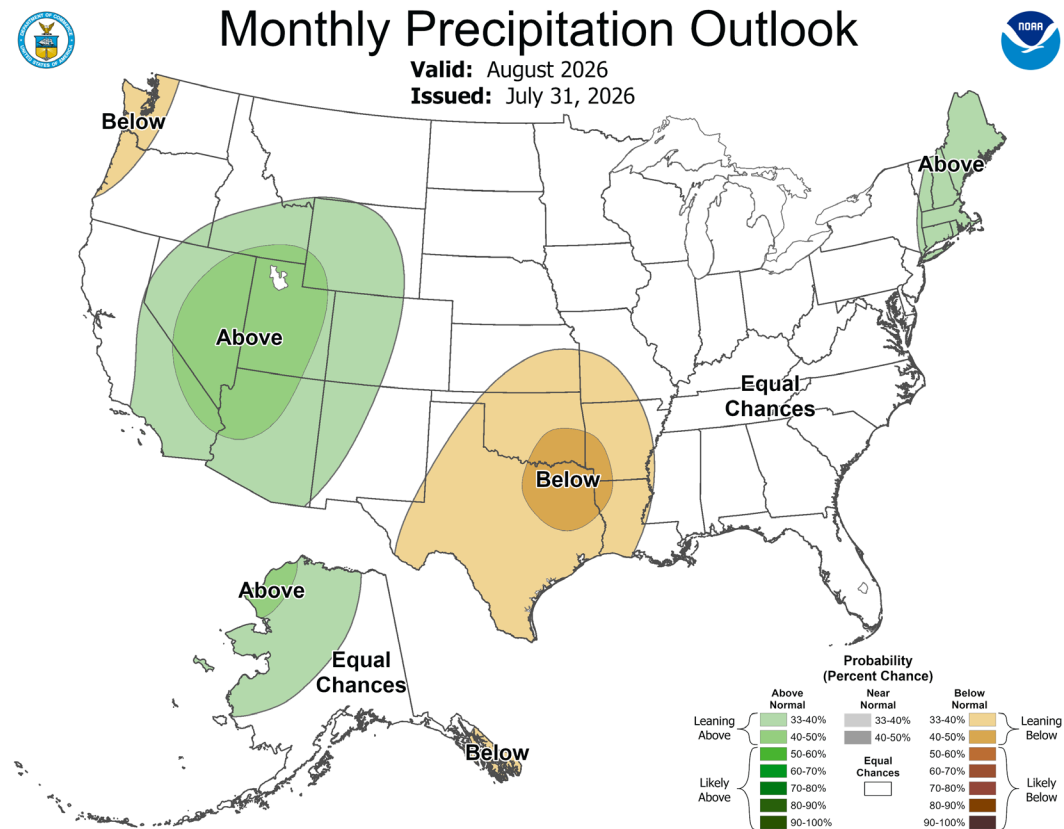


NOAA ONE-MONTH PRECIPITATION OUTLOOK

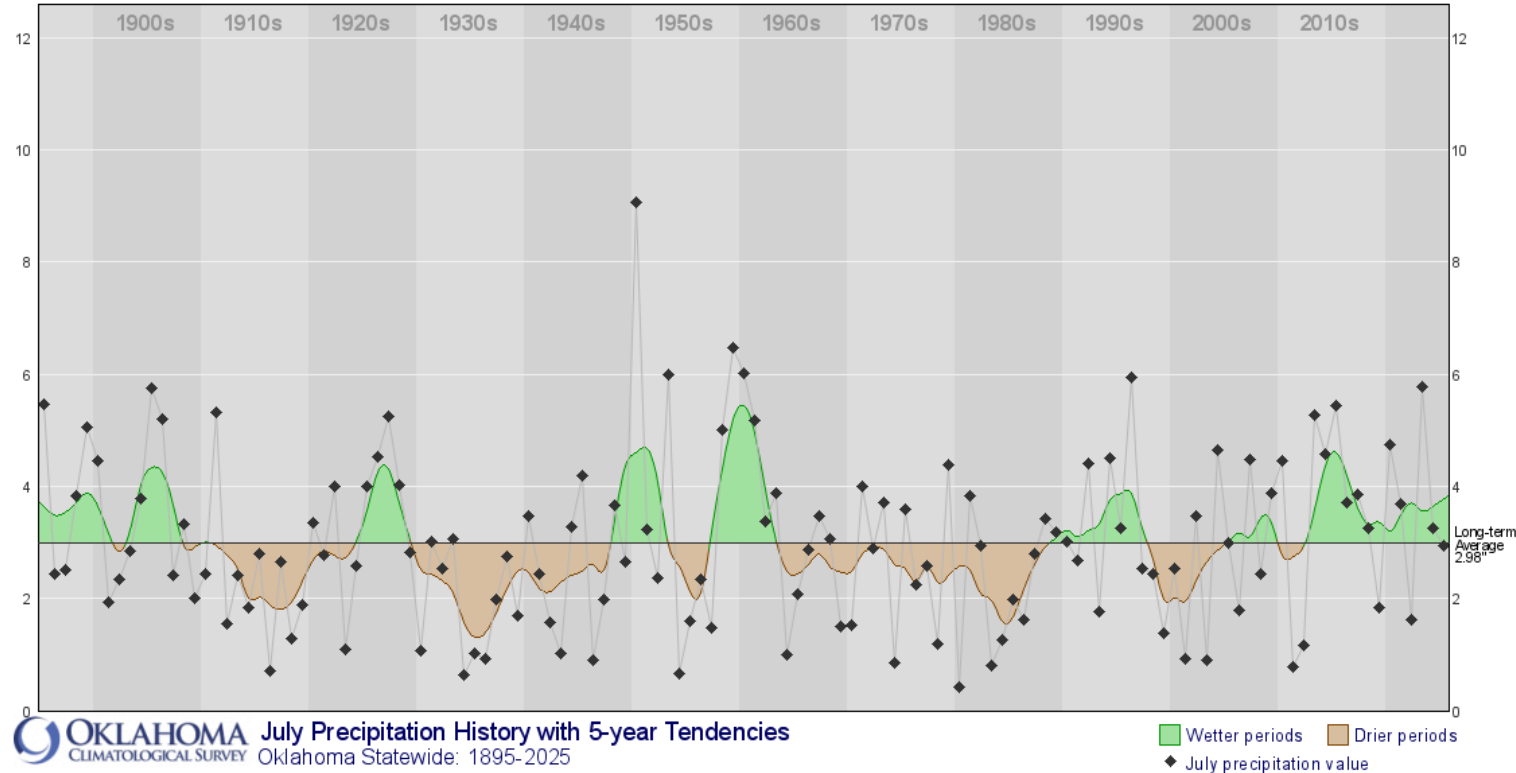


AUGUST PRECIPITATION OUTLOOK:

- White areas shown as EC (Equal Chance) on these maps represent areas with no strong climate signals based on current data.
- And if the high temperature predictions weren't enough, August is expected to be a dry month as well.



JULY PRECIPITATION HISTORY WITH 5-YEAR TENDENCIES



HISTORICAL RAINFALL TRENDS:

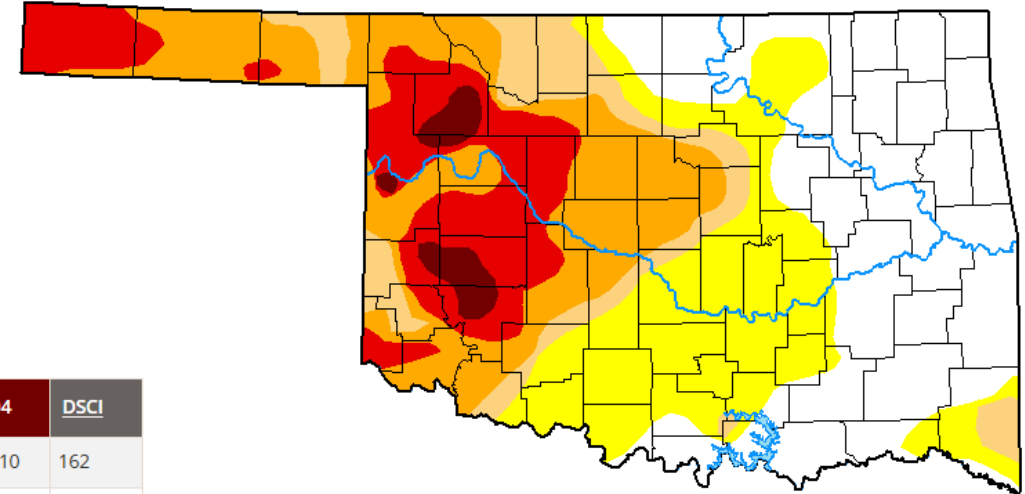
- The state received just 1.64 inches of rain on average this July, falling below the 3-inch average.

U.S. DROUGHT MONITOR - OKLAHOMA

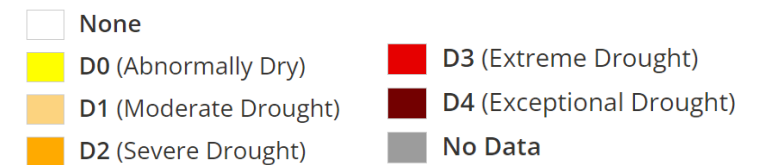


DROUGHT PERSISTS:

With the hot weather and inconsistent rainfall, drought conditions remain almost identical to last month. But the heat forecasted for August will likely cause drought to spread again.



Intensity



Week	Date	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	DSCI
Current	2026-07-28	34.60	65.40	43.84	35.01	15.68	2.10	162
Last Week to Current	2026-07-21	35.71	64.29	43.34	35.01	15.54	2.10	160
3 Months Ago to Current	2026-04-28	0.01	99.99	80.63	43.81	30.08	0.00	254
Start of Calendar Year to Current	2025-12-30	20.87	79.13	53.74	13.95	4.80	0.00	152
Start of Water Year to Current	2025-09-30	64.08	35.92	4.86	0.00	0.00	0.00	41
One Year Ago to Current	2025-07-29	95.27	4.73	0.00	0.00	0.00	0.00	5

Estimated Population in Drought Areas: **1,417,793**

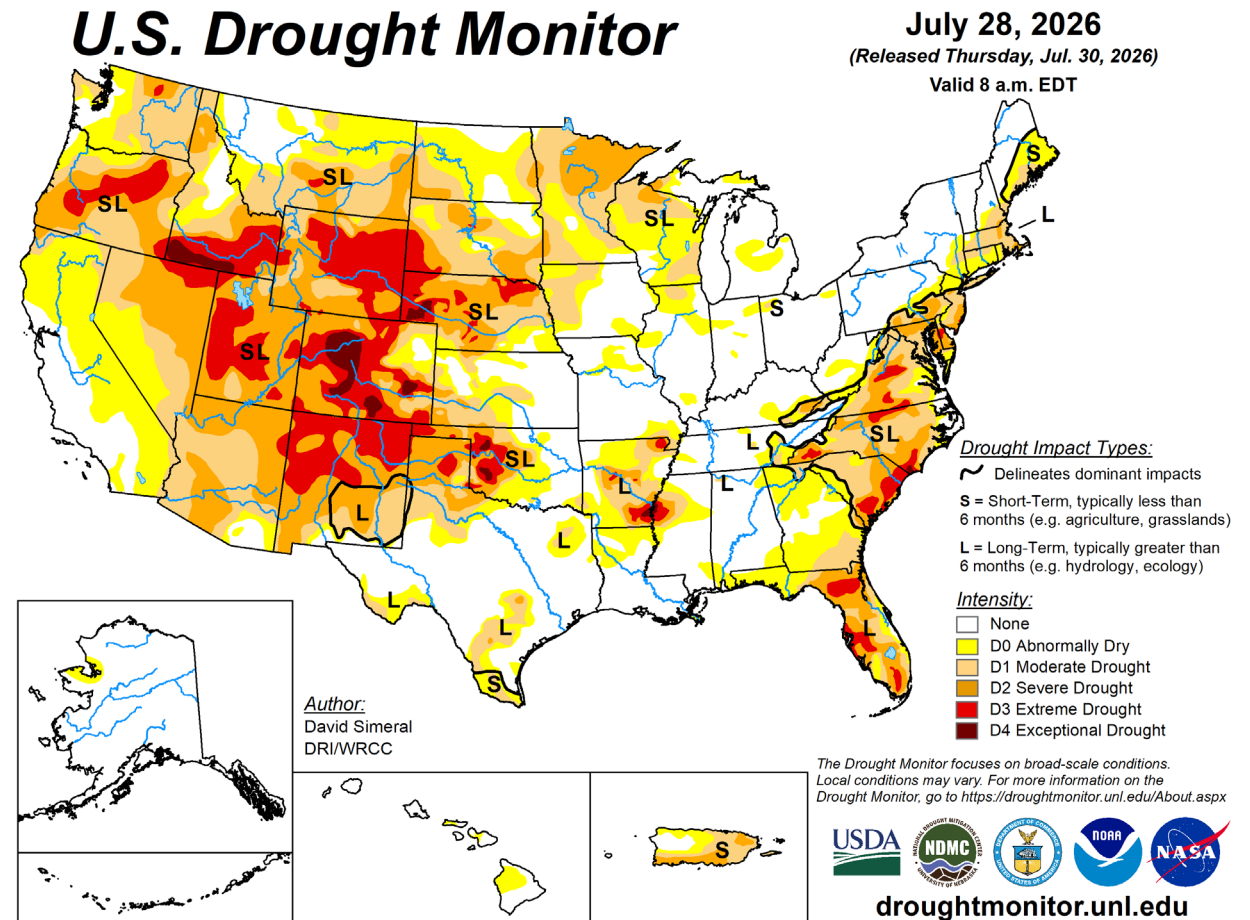


U.S. DROUGHT MONITOR – NATIONWIDE MAP



NATIONAL DROUGHT IMPACTS:

- Just like in June, any drought improvements were offset by worsening conditions in other areas.
- The Western U.S. remains hardest hit, with Oklahoma catching the edge of an expanding drought area.

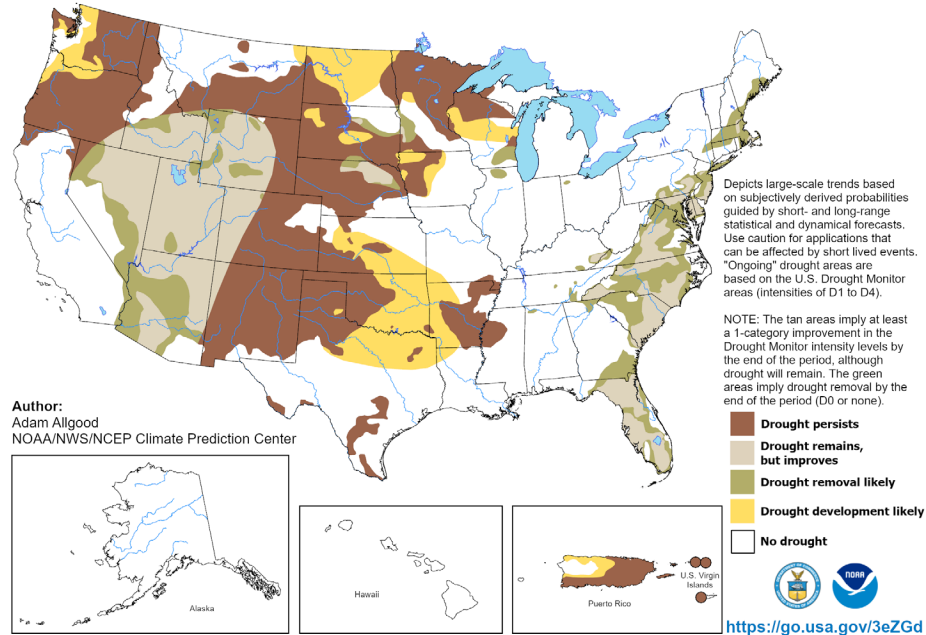


U.S. DROUGHT OUTLOOK MAPS



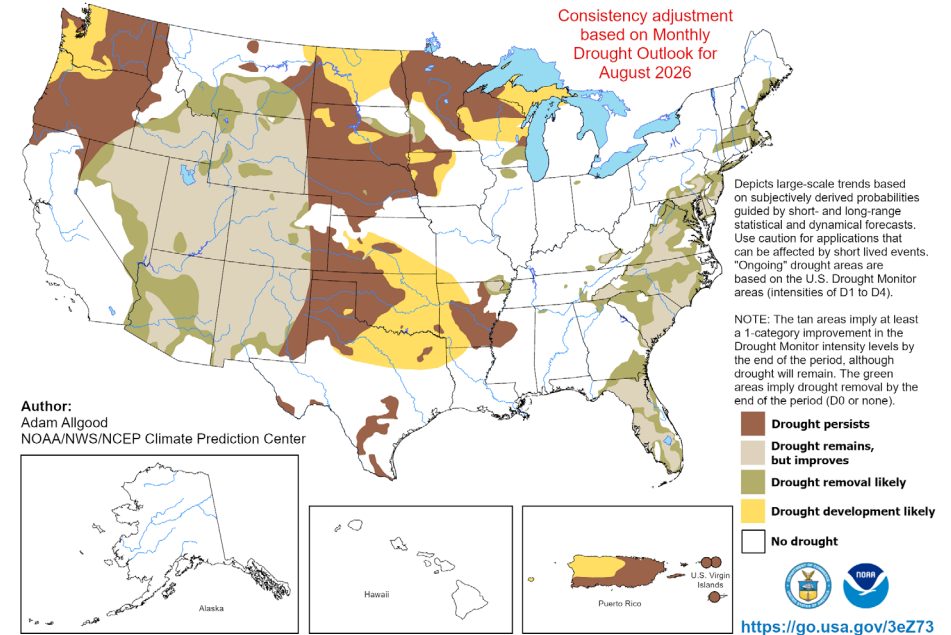
U.S. Monthly Drought Outlook Drought Tendency During the Valid Period

Valid for August 2026
Released July 31, 2026



U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for August 1 - October 31, 2026
Released July 31, 2026

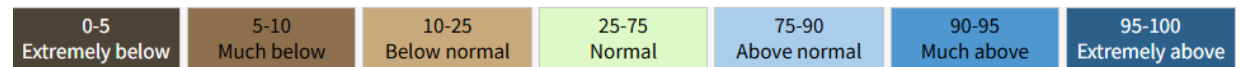
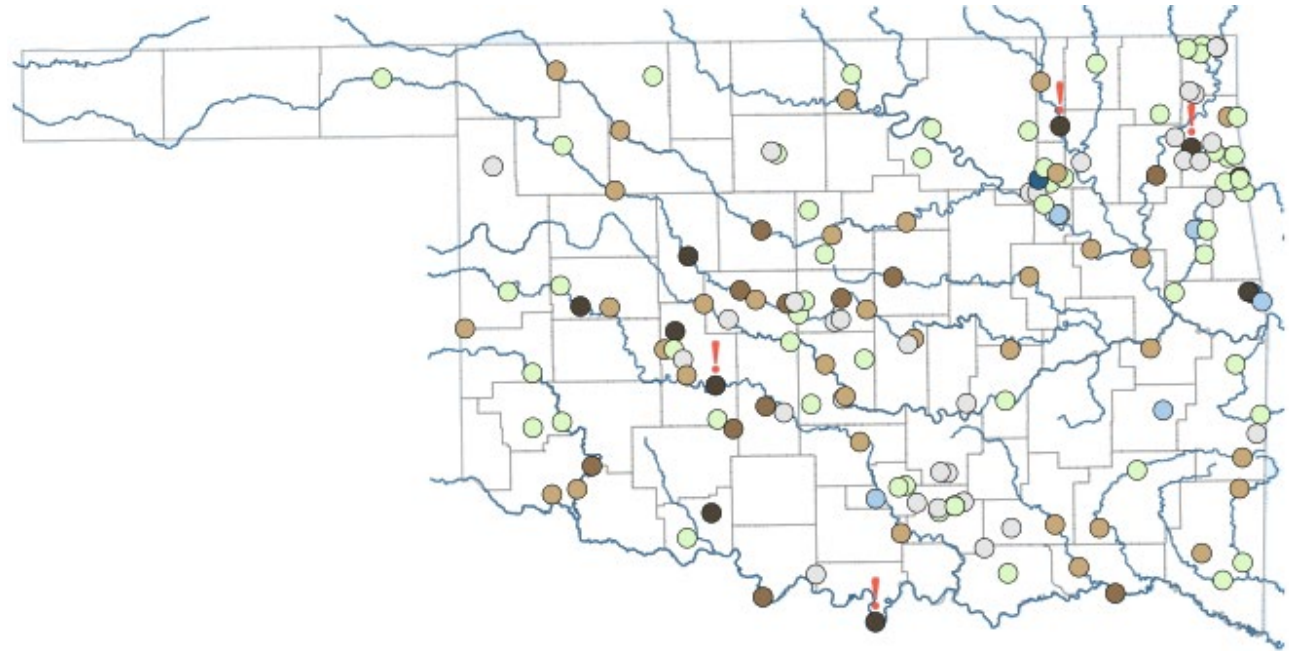


U.S. DROUGHT OUTLOOK SUMMARY:

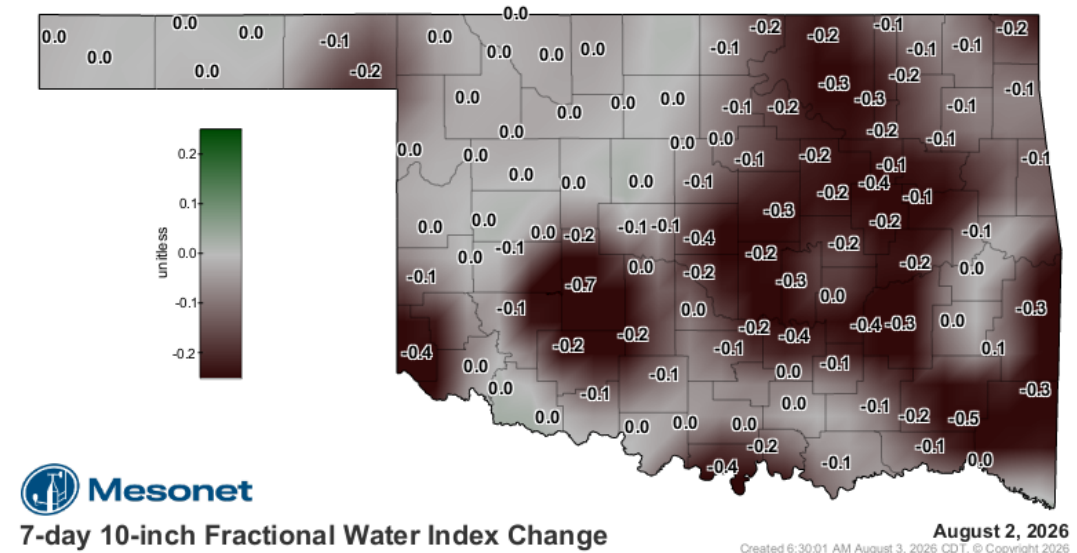
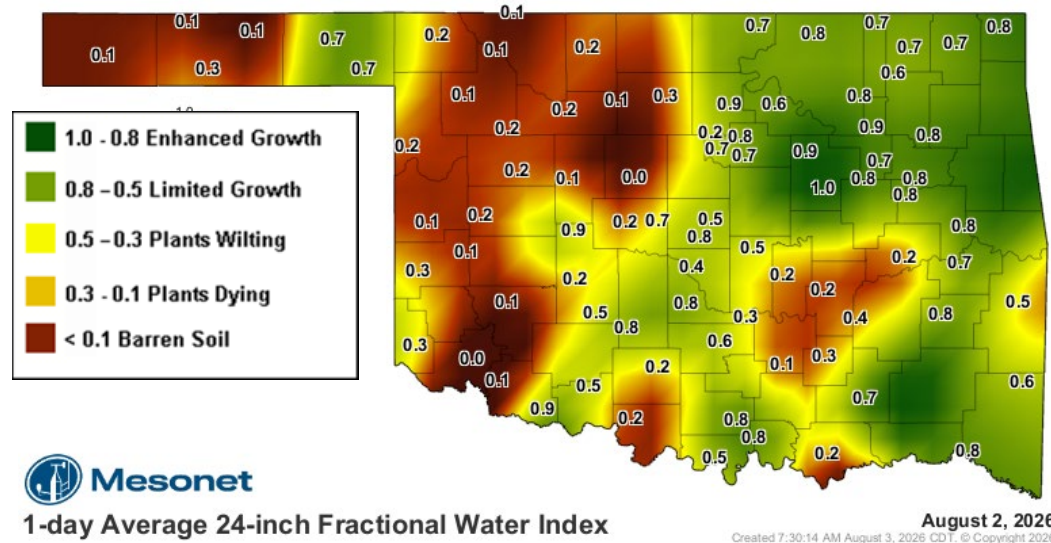
States along the 100th meridian are expected to see more drought development, while eastern and western states should see some relief. Oklahoma looks set for drought growth statewide.

STREAMFLOW CONDITIONS:

- Streamflow ratings are made by comparing current readings against historic 120-day readings.
- No more large pockets of high flow like in June, thanks to the heat and lack of rain throughout July.
- Expect to see flow rates dip even lower as August progresses.



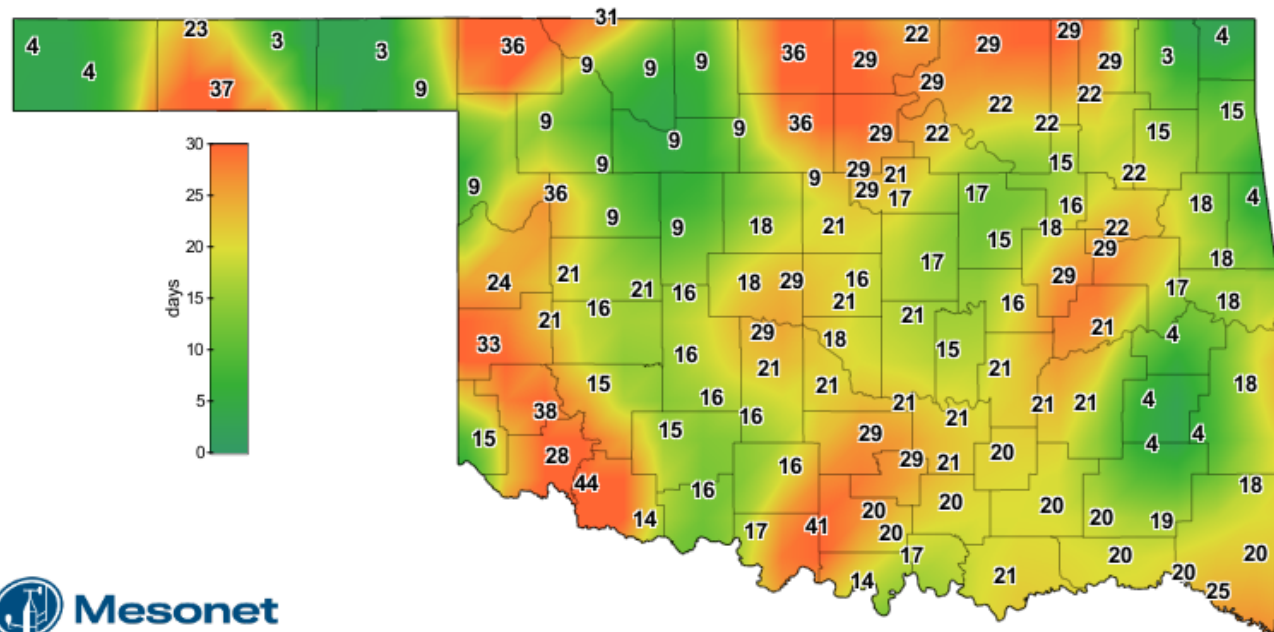
SOIL MOISTURE MAP



SHORT-TERM SOIL MOISTURE STATUS:

As expected, the heat and dry conditions have been tough on our soil. Based on current predictions, we won't see major improvements until fall.

DAYS SINCE LAST RAINFALL



Mesonet

Consecutive Days With Less Than 0.25" Rainfall

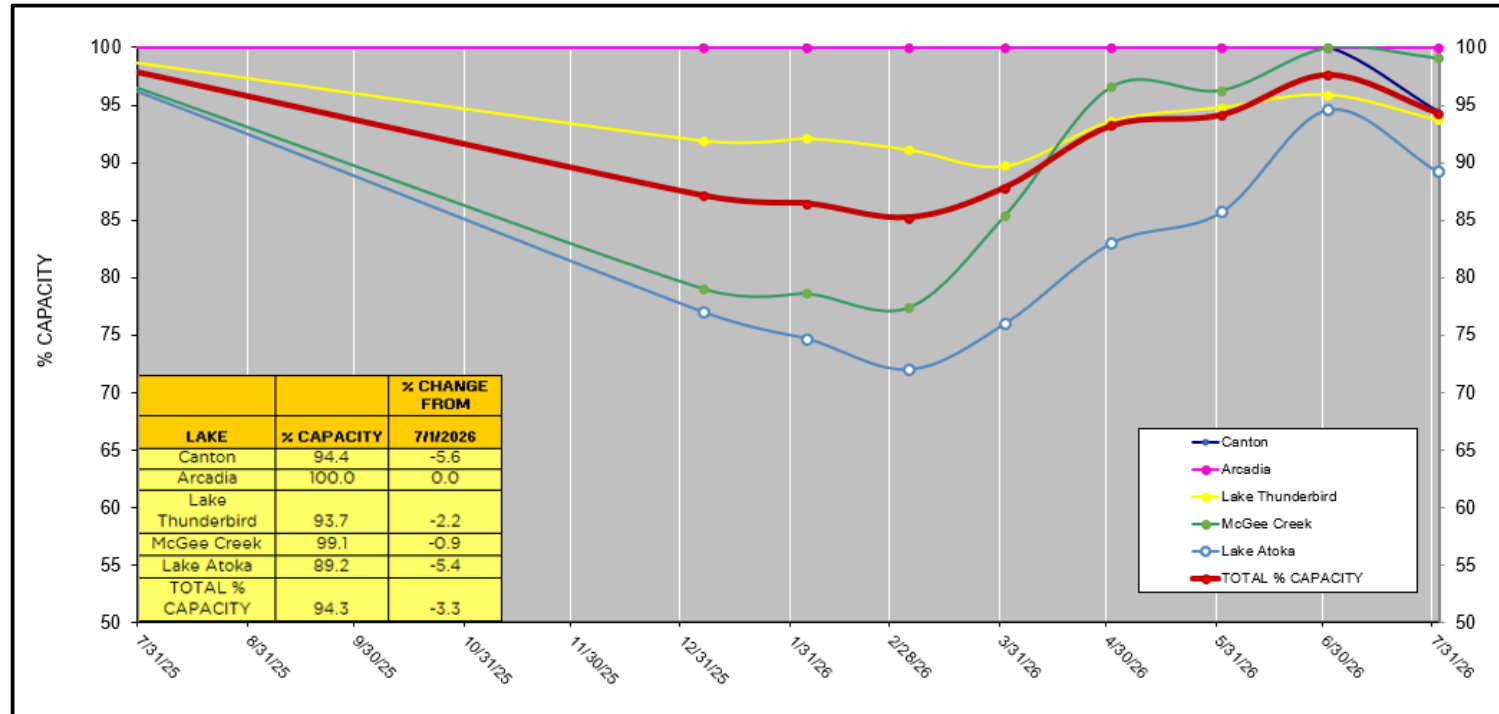
August 2, 2026

Created 8:15:02 AM August 3, 2026 CDT. © Copyright 2026

DRYING UP AGAIN:

- Most of Central Oklahoma's meaningful rain came from big storms at the start of July.
- While we may see a few storms roll through in August, this map will likely show much more orange by September.

SURFACE WATER CONSERVATION CAPACITY – CENTRAL OK RESERVOIRS



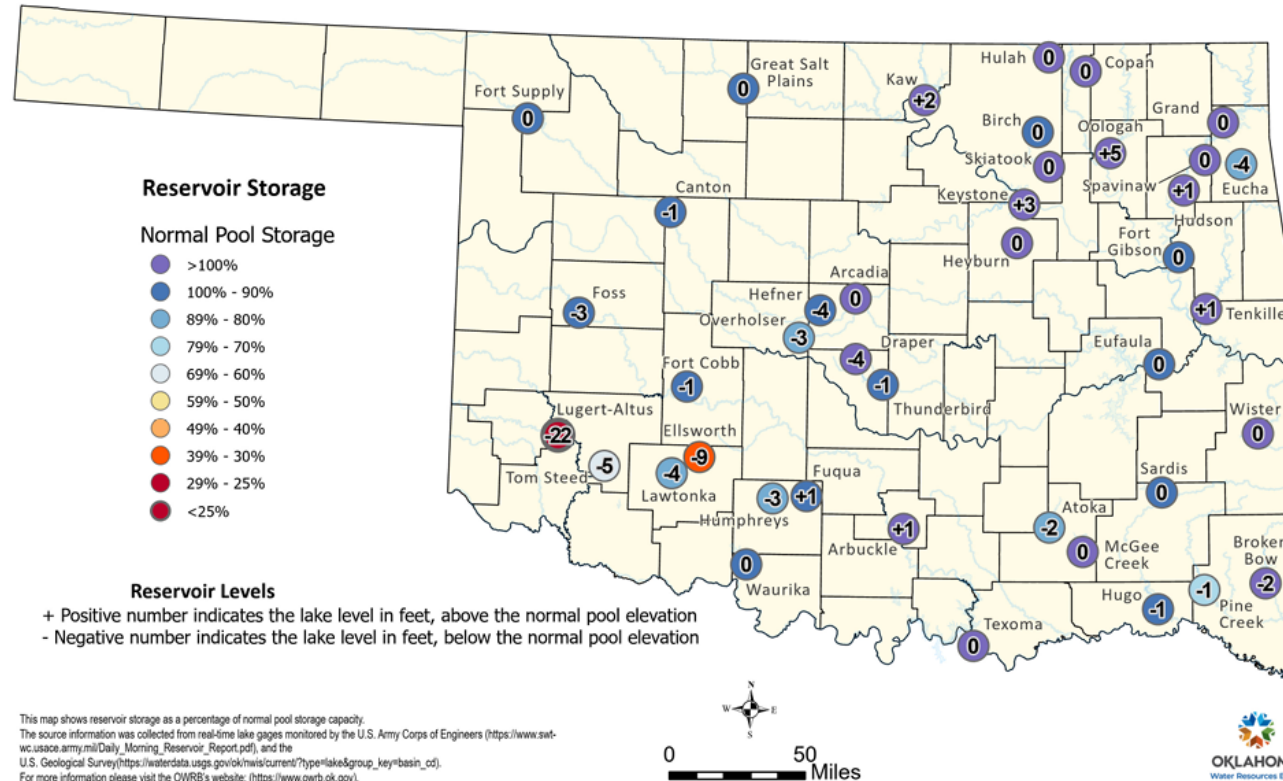
RESERVOIR TRENDS:

- We are beginning to see the effects of a hot, dry summer through the downward trend in our reservoir levels.
- This year follows a similar pattern to last, but with multiple levels showing faster drops than before.

OKLAHOMA RESERVOIR LEVELS AND STORAGE



Oklahoma Reservoir Levels and Storage as of 8/3/2026



CURRENT RESERVOIR CONDITIONS:

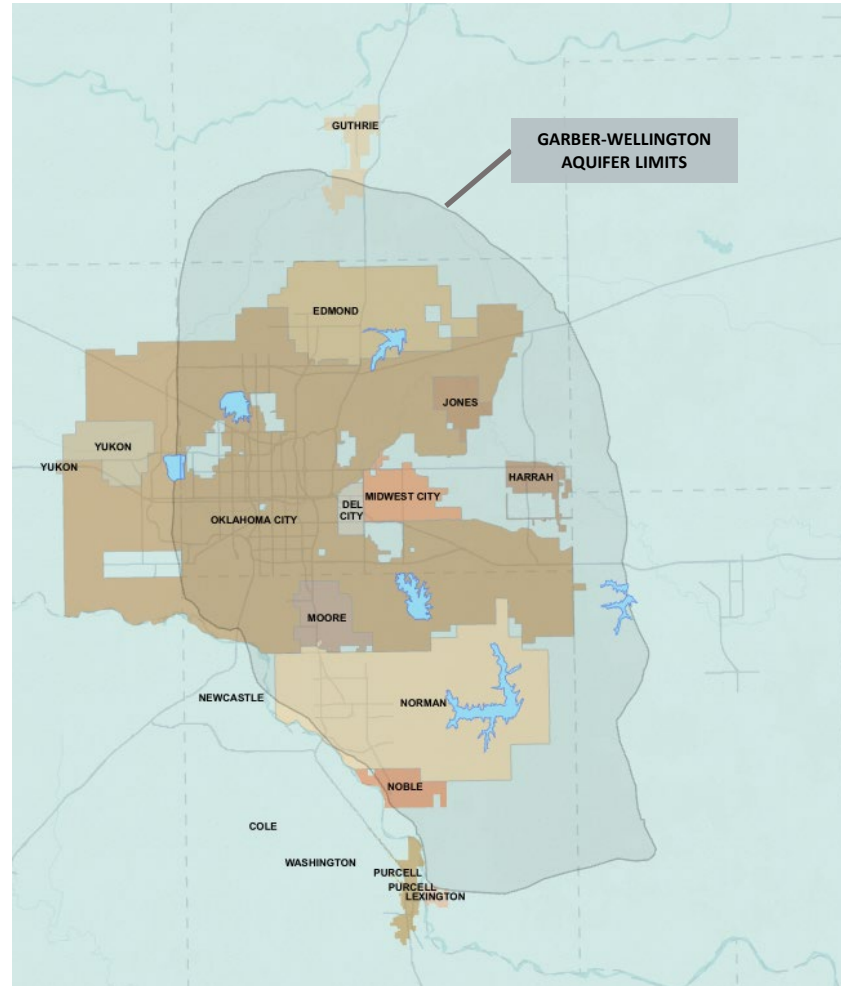
- Most reservoirs remain high thanks to June's concentrated rain in certain areas.
- However, these levels are unlikely to stay with our demanding August ahead.

MONTHLY AQUIFER RECHARGE

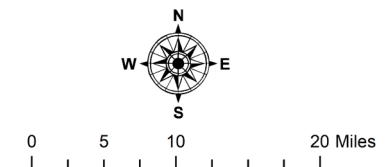
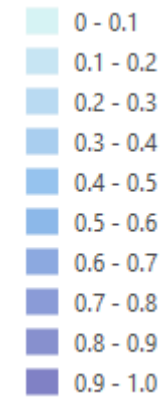


NOT A DROP:

- No recharge to see from July thanks to hot temperatures and limited, inconsistent rain.
- Impervious surfaces and dry soils also limit how much water reaches the aquifer. These are additional culprits for the lack of recharge.



Recharge in Inches

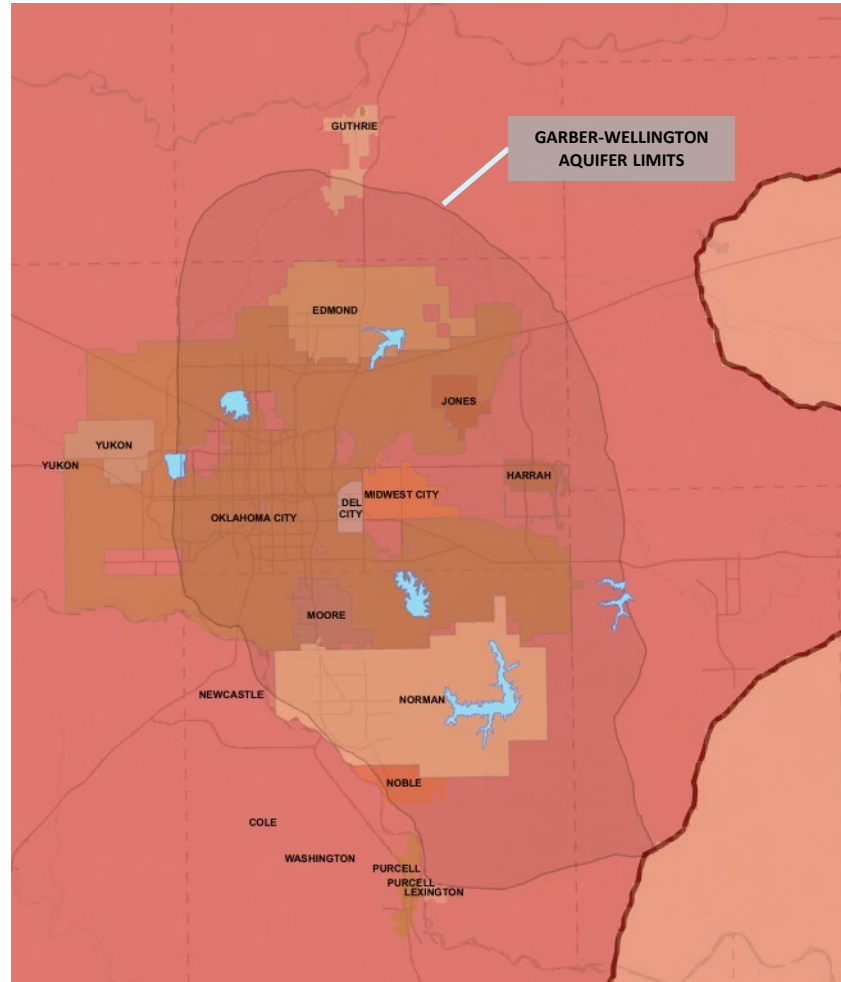


12-MONTH CUMULATIVE AQUIFER RECHARGE

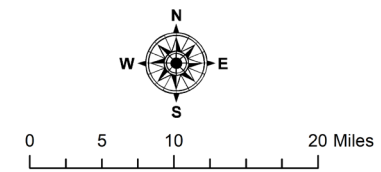
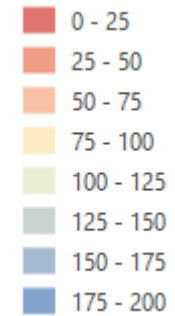


LOST GAINS:

- All the great aquifer recharge from spring of 2025 is nowhere to be found these past 12 months.
- We need another abnormally wet season, or a return to consistent rainfall if we want to clear the red off this map.



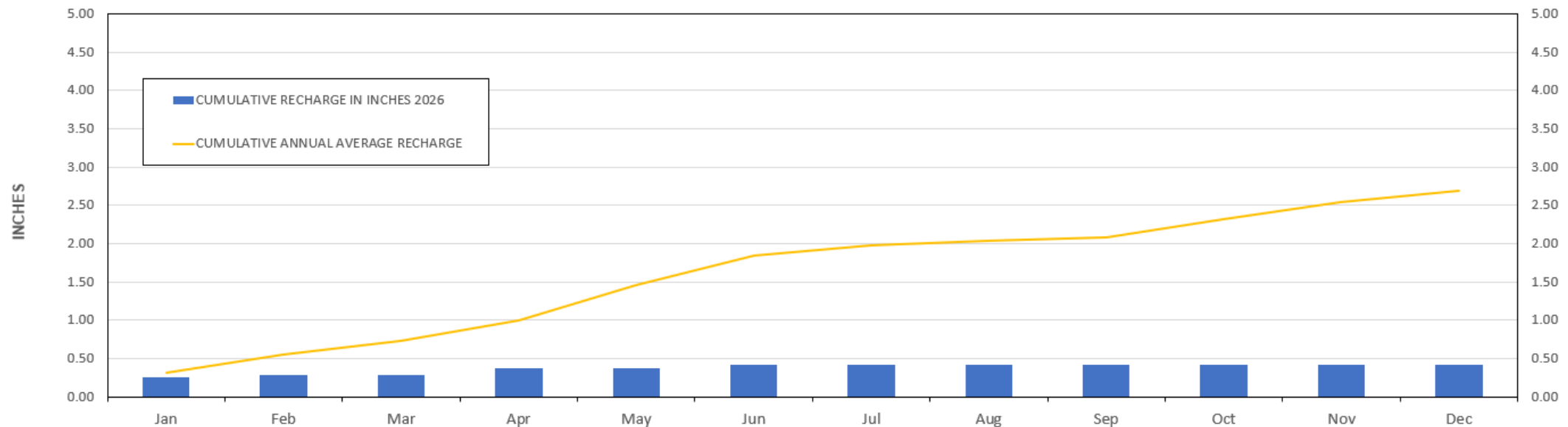
Percent of
Cumulative
Recharge



RECHARGE CHARTS: CENTRAL OKLAHOMA AQUIFER SYSTEM



CUMULATIVE RECHARGE FOR THE CENTRAL OKLAHOMA AQUIFER

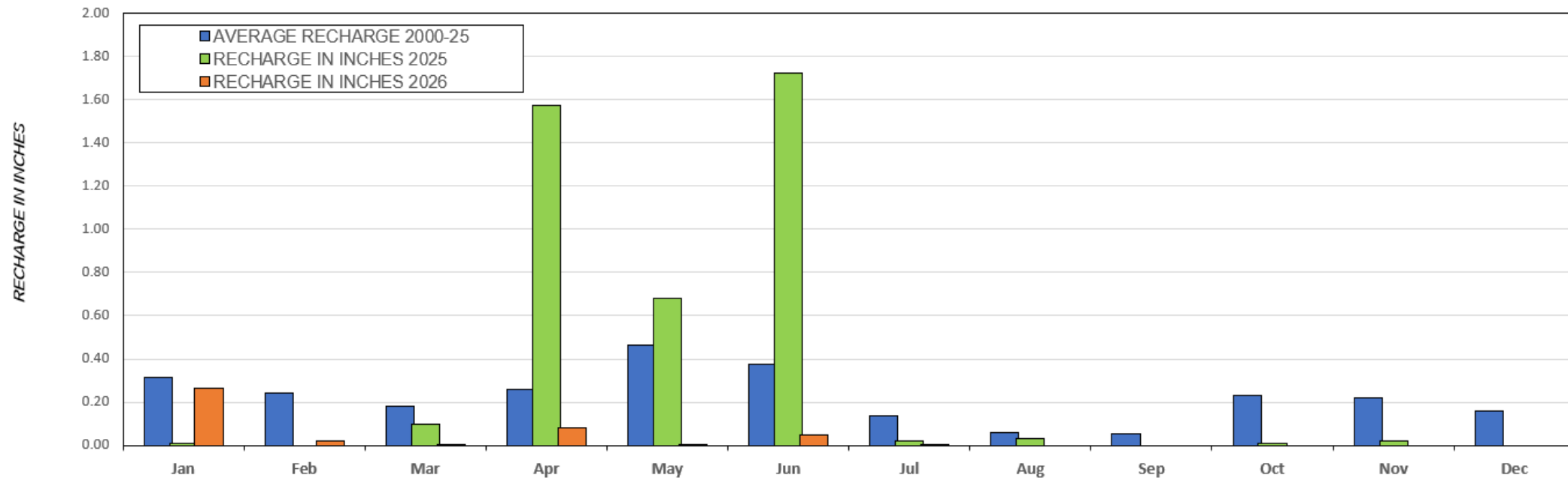


This graph should look familiar from last month – having stayed the same with our net zero recharge.

RECHARGE CHARTS: CENTRAL OKLAHOMA AQUIFER SYSTEM CONT.

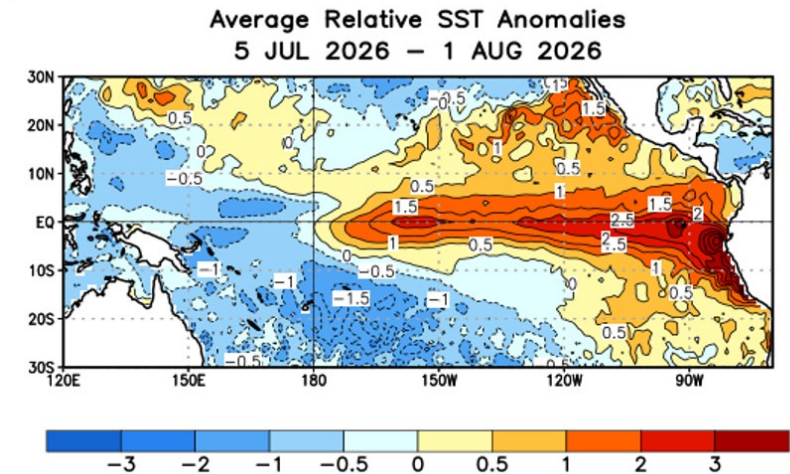
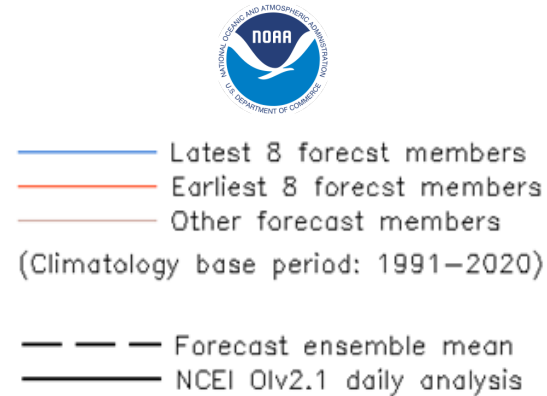
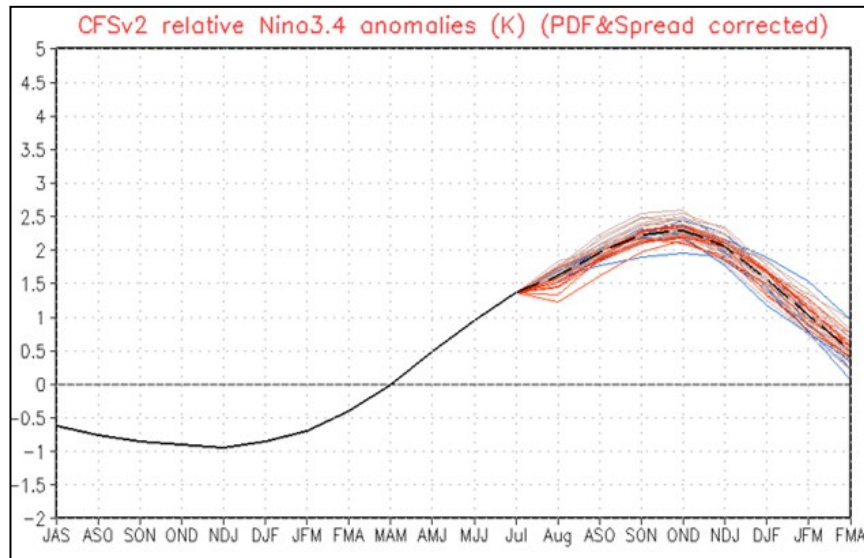


MONTHLY AQUIFER RECHARGE 2026



Besides our rainy January, we're continuing a trend of severely decreased recharge in 2026.

ENSO CYCLE – CURRENT PATTERNS AND PREDICTIONS



CLIMATE PATTERN UPDATE (ENSO):

The climate shift to El Niño is not an immediate fix to our drought. We should still expect a cooler fall and winter, but there's at least one more hot month ahead.

NO “DROUGHT” ABOUT IT

- No room for speculating here – the high temperatures and dry conditions that closed out July put our drought front and center.
- August shows little hope for relief, so plan on continued heat and a severe lack of good rain. Even a few strong storms will have trouble fighting through evaporation and soil dryness.
- Rain and cooler temperatures from El Niño are still our light at the end of the tunnel. But even then, we cannot expect good fall weather to fix our drought immediately.
- Continue planning for sustained drought, since there’s no guarantees when it comes to weather. Water conservation, reuse, and careful management are key as always.

THANK YOU!

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ASSOCIATION OF
CENTRAL OKLAHOMA
GOVERNMENTS