



ACOG DROUGHT CONDITIONS

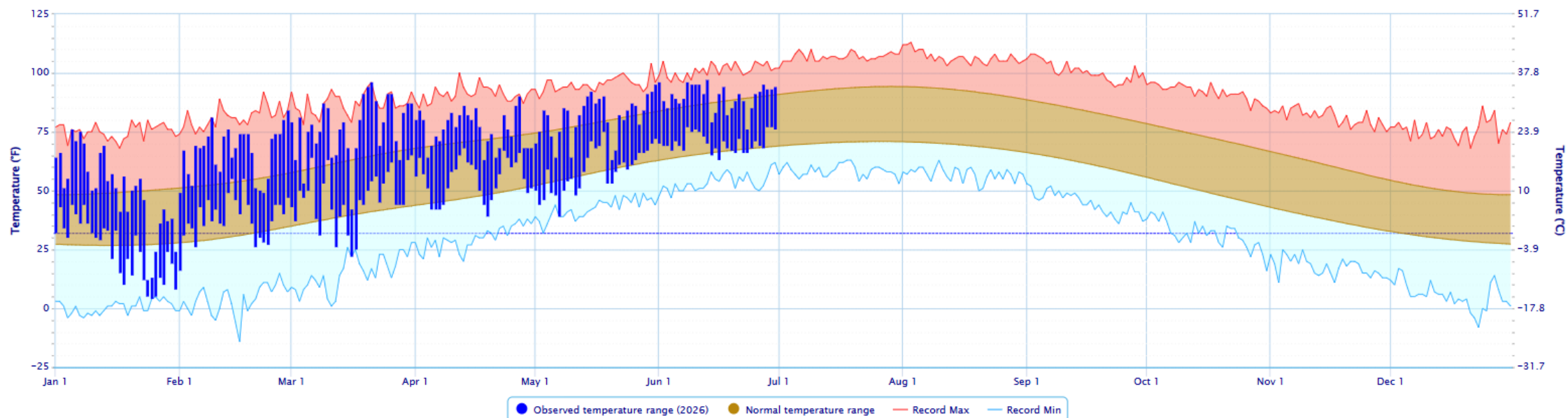
IN CENTRAL OKLAHOMA

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JULY 2026

TEMPERATURE PLOT FOR OKLAHOMA CITY, OK - 2026

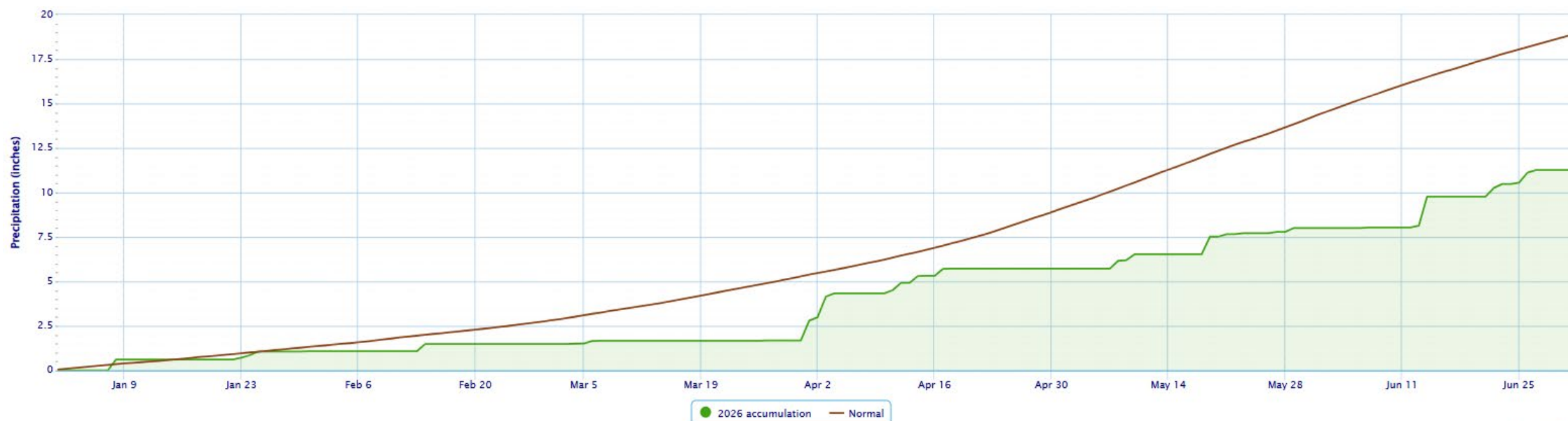


Powered by ACIS

MONTHLY TEMPERATURE TREND:

The monthly temperature average for Central Oklahoma was 3.1°F above normal, while the statewide average was 1.8°F above normal. No records broken this June – but still warmer than usual.

PRECIPITATION PLOT FOR OKLAHOMA CITY, OK - 2026



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MONTHLY PRECIPITATION TREND:

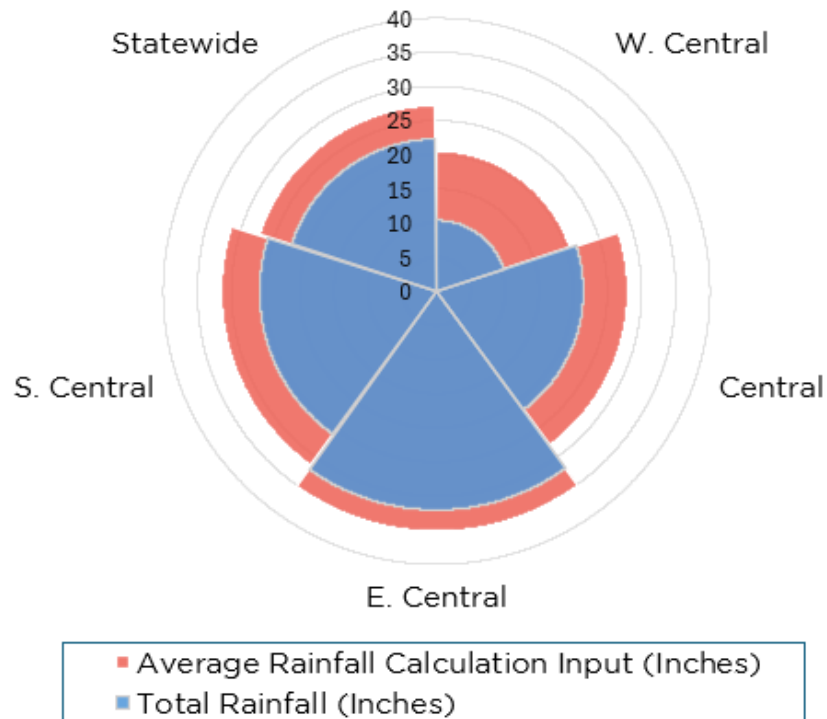
June brought heavy rain across parts of the state, but Central Oklahoma remains below average.

WATER YEAR RAINFALL SUMMARY



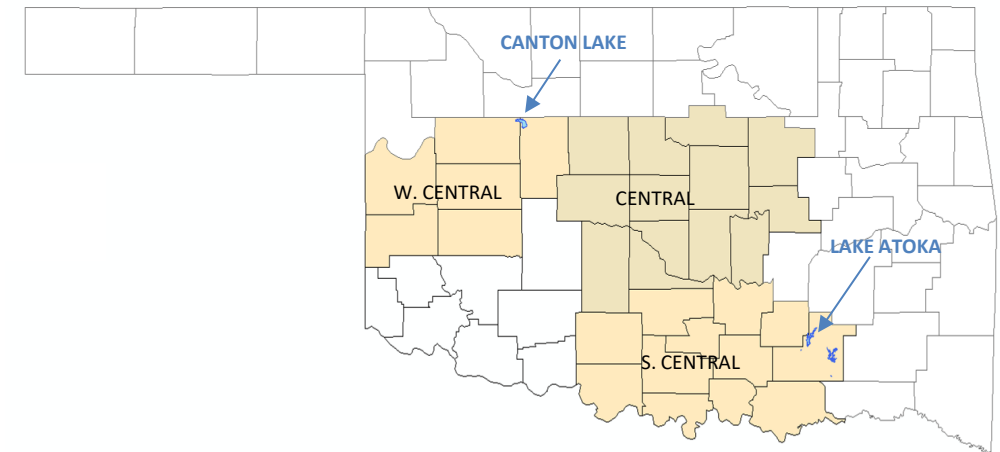
WATER YEAR RAINFALL SUMMARY

Oct 1, 2025 - July 1, 2026



CENTRAL OKLAHOMA TAKEAWAY:

- The red zones are shrinking on our graph, but we still have a ways to go if we want to catch up – especially in Western Oklahoma.

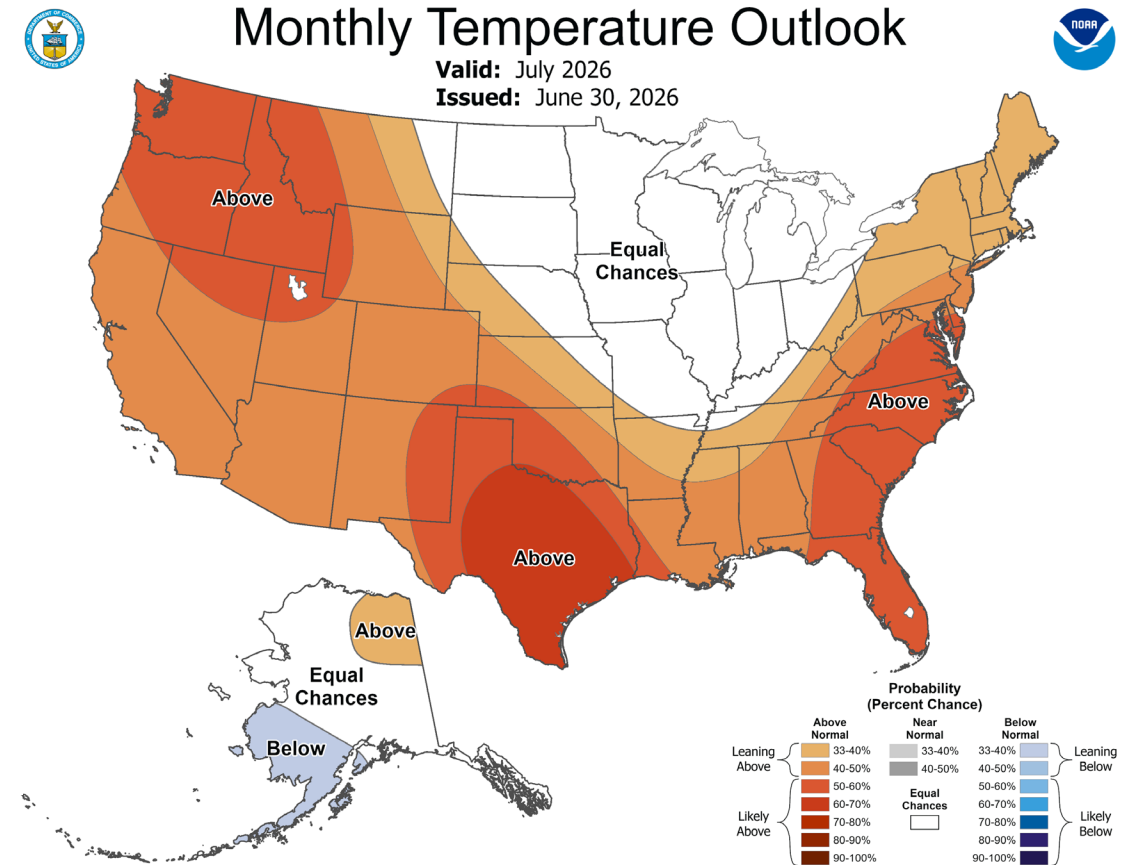


NOAA ONE-MONTH TEMPERATURE OUTLOOK



JULY TEMPERATURE OUTLOOK:

- White areas shown as EC (Equal Chance) on these maps represent areas with no strong climate signals based on current data.
- July's temperature predictions are much more confident than June's, and this summer is looking HOT.
- Stay especially weather aware in the first weeks of July, as a multi-state heat dome may contribute to record breaking temperatures.

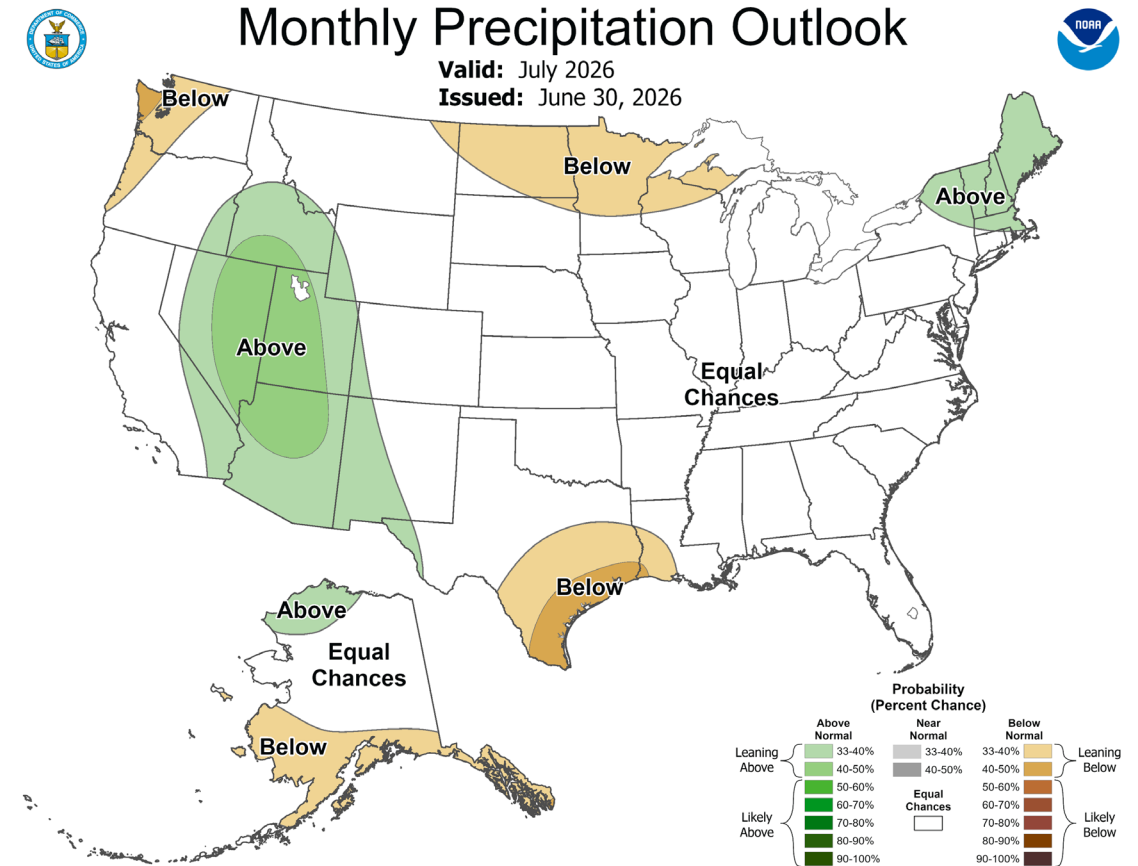


NOAA ONE-MONTH PRECIPITATION OUTLOOK

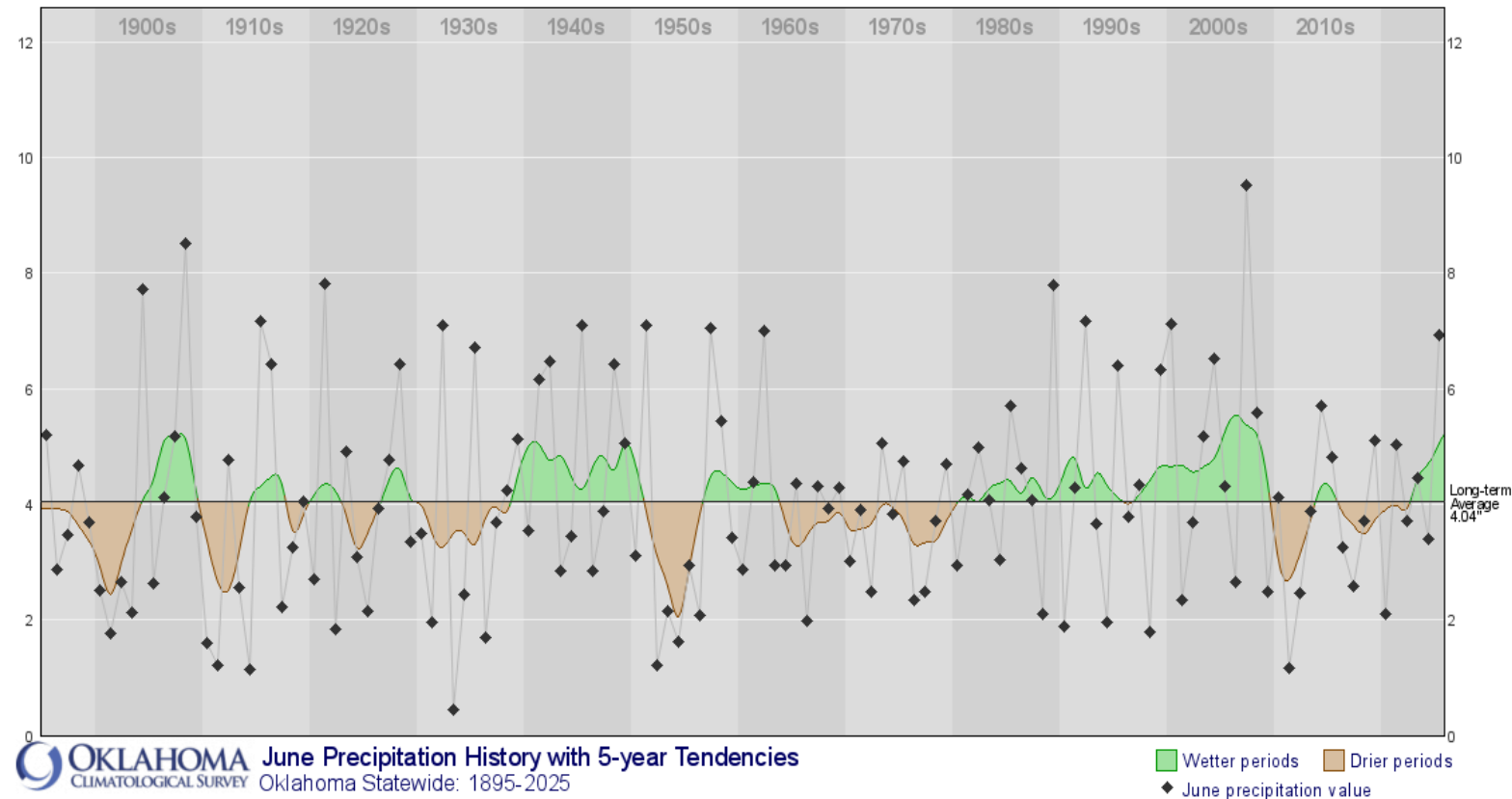


JULY PRECIPITATION OUTLOOK:

- White areas shown as EC (Equal Chance) on these maps represent areas with no strong climate signals based on current data.
- June lived up to its expectations of higher precipitation, but July's outlook is uncertain.
- Between the high temperatures and ambiguous rain forecast, July may kick off a strong summer drought.



JUNE PRECIPITATION HISTORY WITH 5-YEAR TENDENCIES



HISTORICAL RAINFALL TRENDS:

- Statewide, June kept up the current trend of wet weather - even if it didn't match the exceptional rainfall from 2025.

U.S. DROUGHT MONITOR - OKLAHOMA

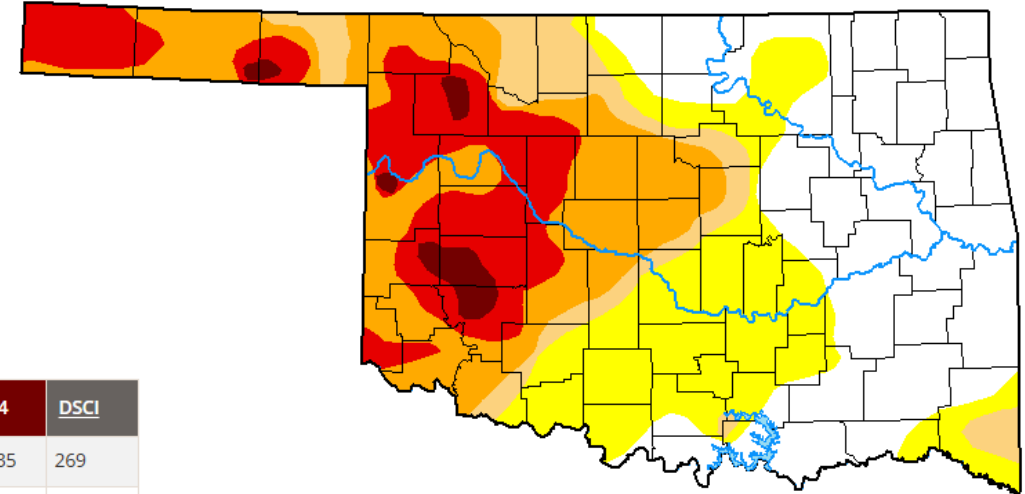


A SLOW RETREAT:

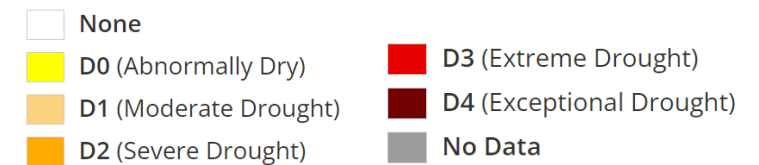
June's concentrated rainfall defeated most of the eastern drought and weakened pockets of the strong western drought.

Week	Date	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	DSCI
Current	2026-05-26	0.65	99.35	81.25	47.07	37.05	4.35	269
Last Week to Current	2026-05-19	0.39	99.61	82.72	47.07	37.31	3.85	271
3 Months Ago to Current	2026-02-24	0.00	100.00	91.22	31.89	12.08	0.00	235
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	2025-05-27	87.75	12.25	3.32	0.00	0.00	0.00	16

Estimated Population in Drought Areas: **3,389,100**



Intensity

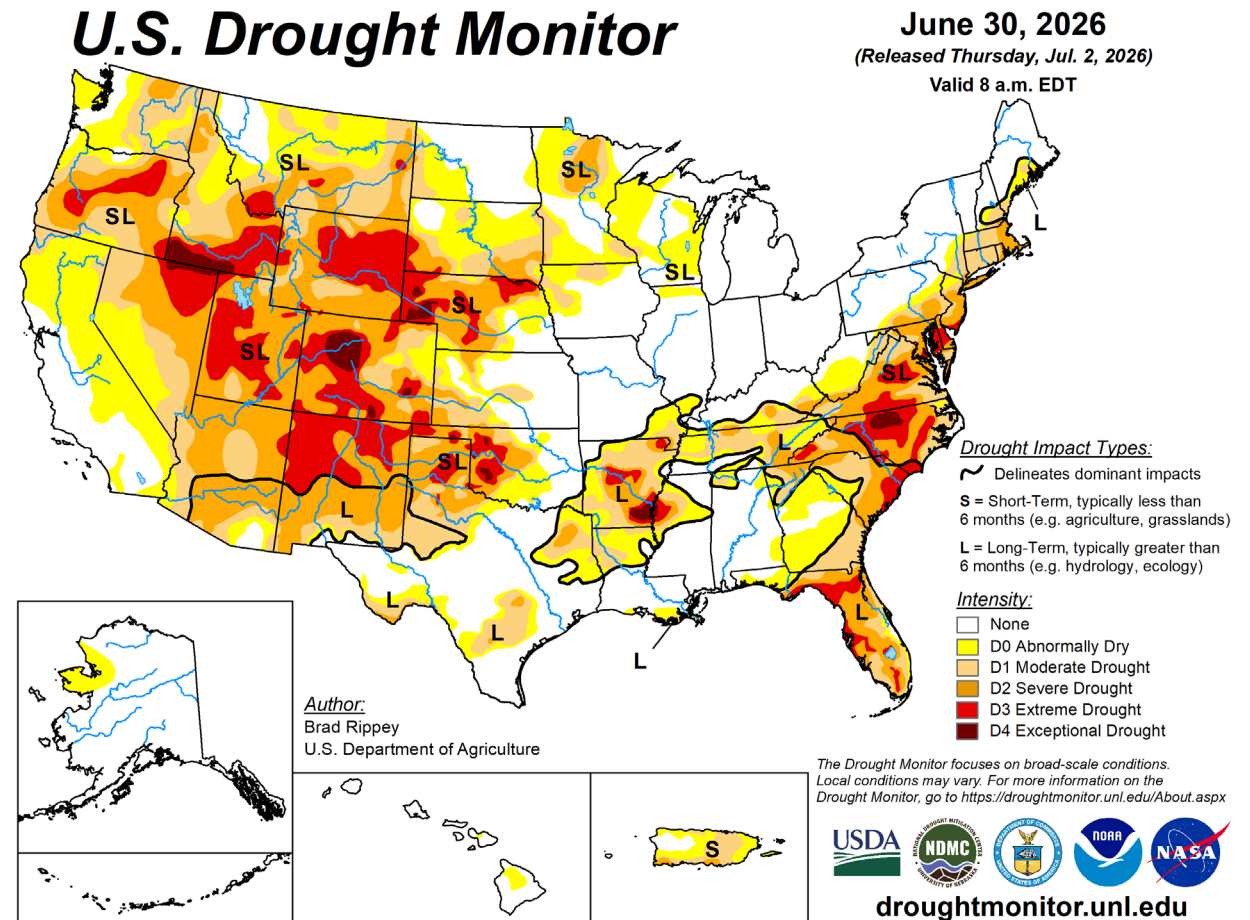


U.S. DROUGHT MONITOR – NATIONWIDE MAP



NATIONAL DROUGHT IMPACTS:

- June brought little change to drought conditions in the rest of the U.S.
- Any limited relief in some areas was offset by growing drought intensity in others, with the Western U.S. still getting hit the hardest.

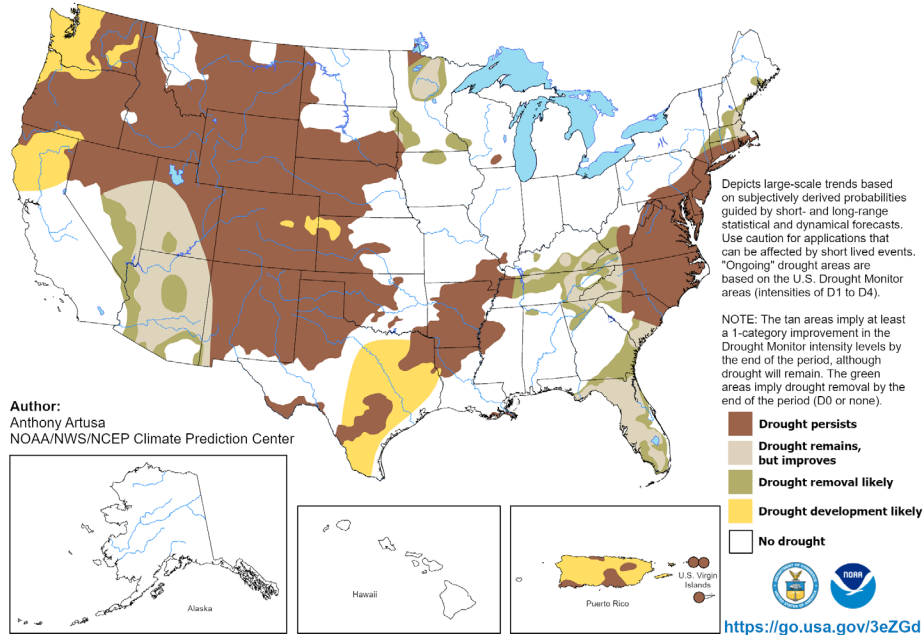


U.S. DROUGHT OUTLOOK MAPS



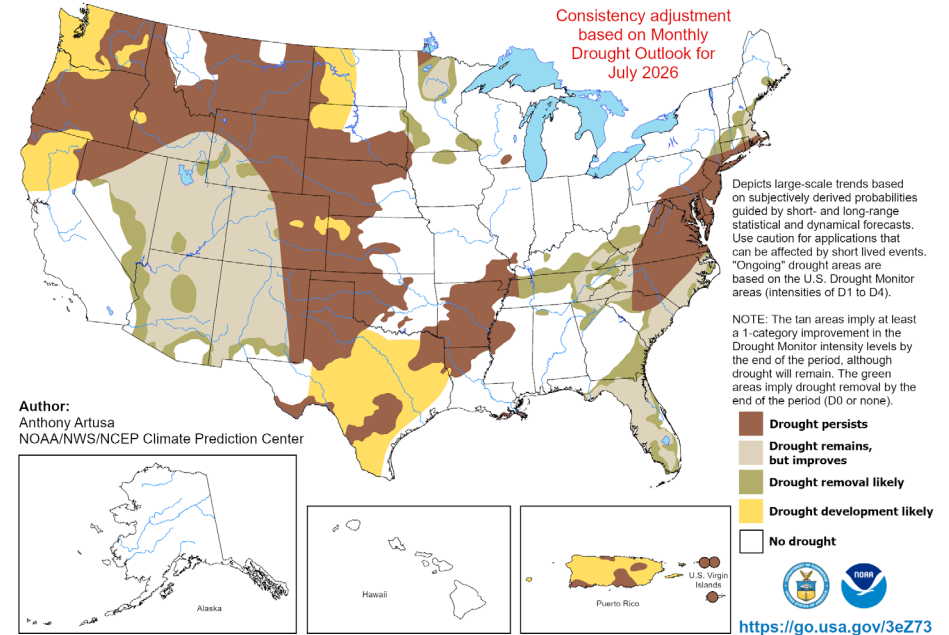
U.S. Monthly Drought Outlook Drought Tendency During the Valid Period

Valid for July 2026
Released June 30, 2026



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

Valid for July 1 - September 30, 2026
Released June 30, 2026

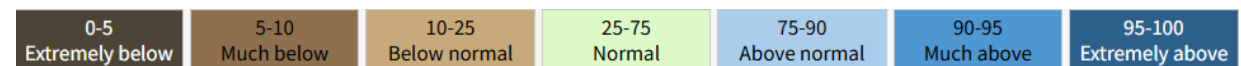
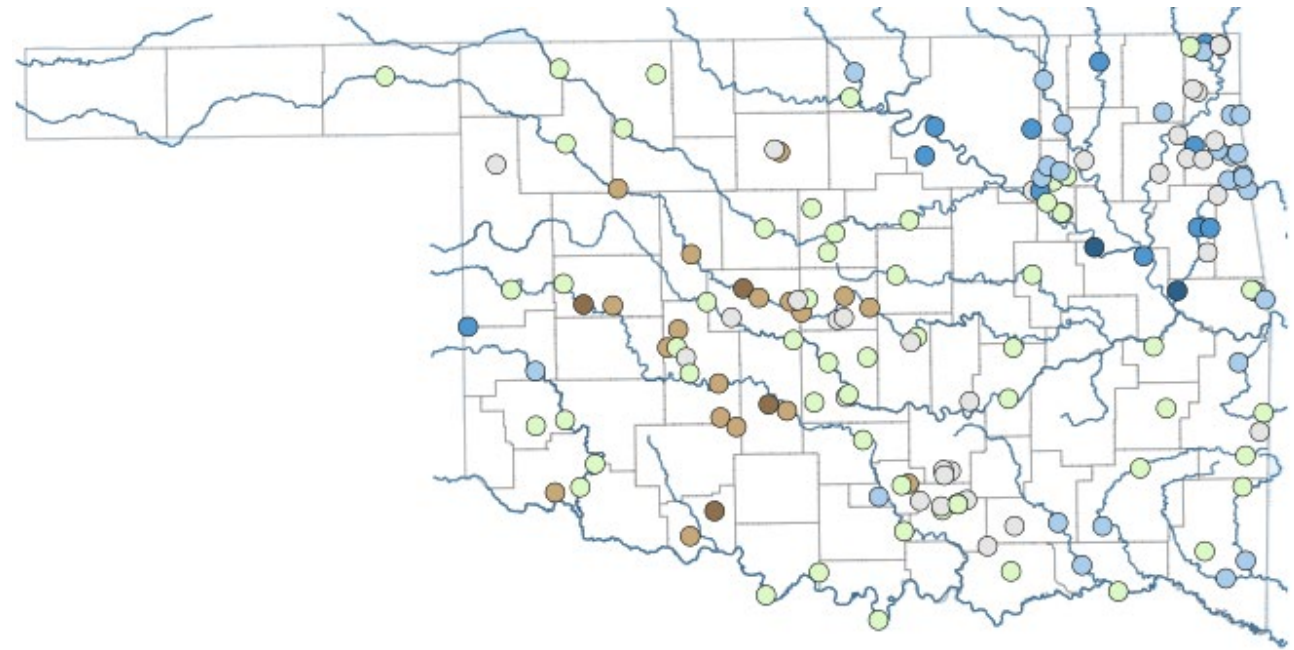


U.S. DROUGHT OUTLOOK SUMMARY:

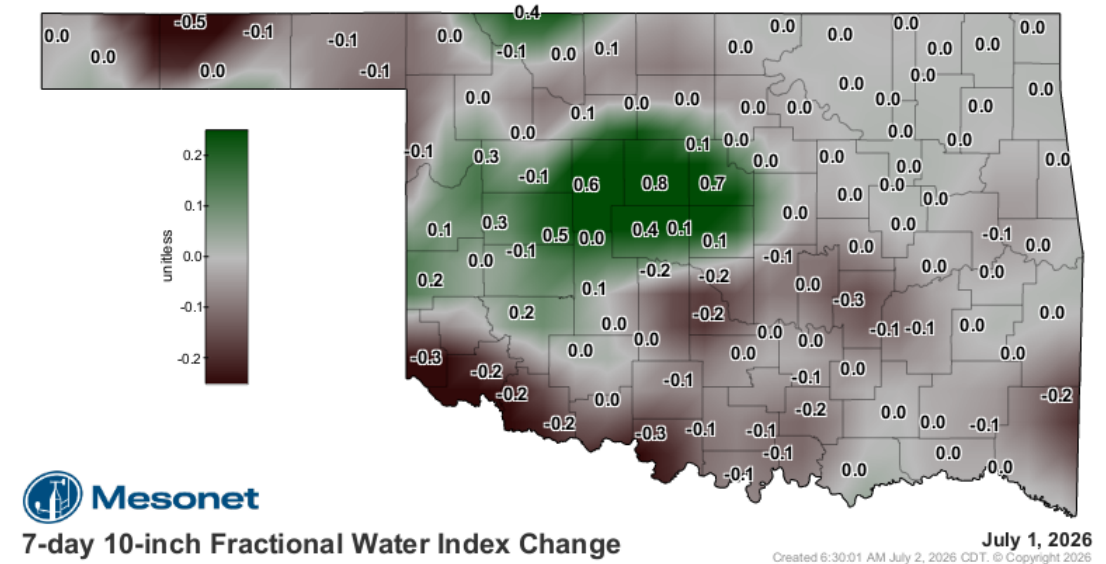
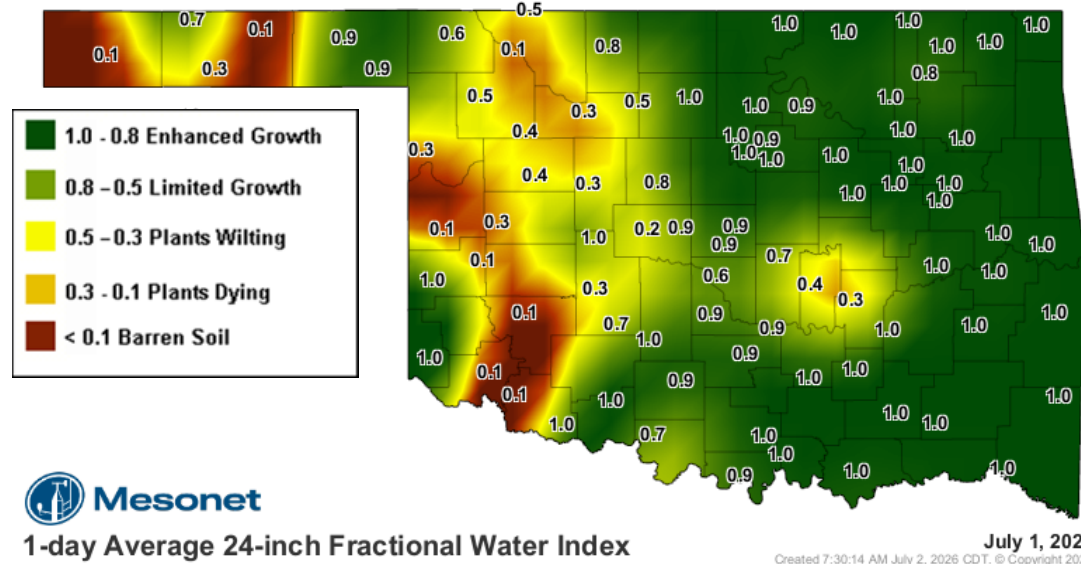
No major surprises are forecasted for the coming months, but the July heat dome could have short-term impacts.

STREAMFLOW CONDITIONS:

- Streamflow ratings are made by comparing current readings against historic 120-day readings.
- Oklahoma's streamflow map matches June rainfall patterns closely, with Eastern Oklahoma now solidly blue and West-Central still slightly below normal.



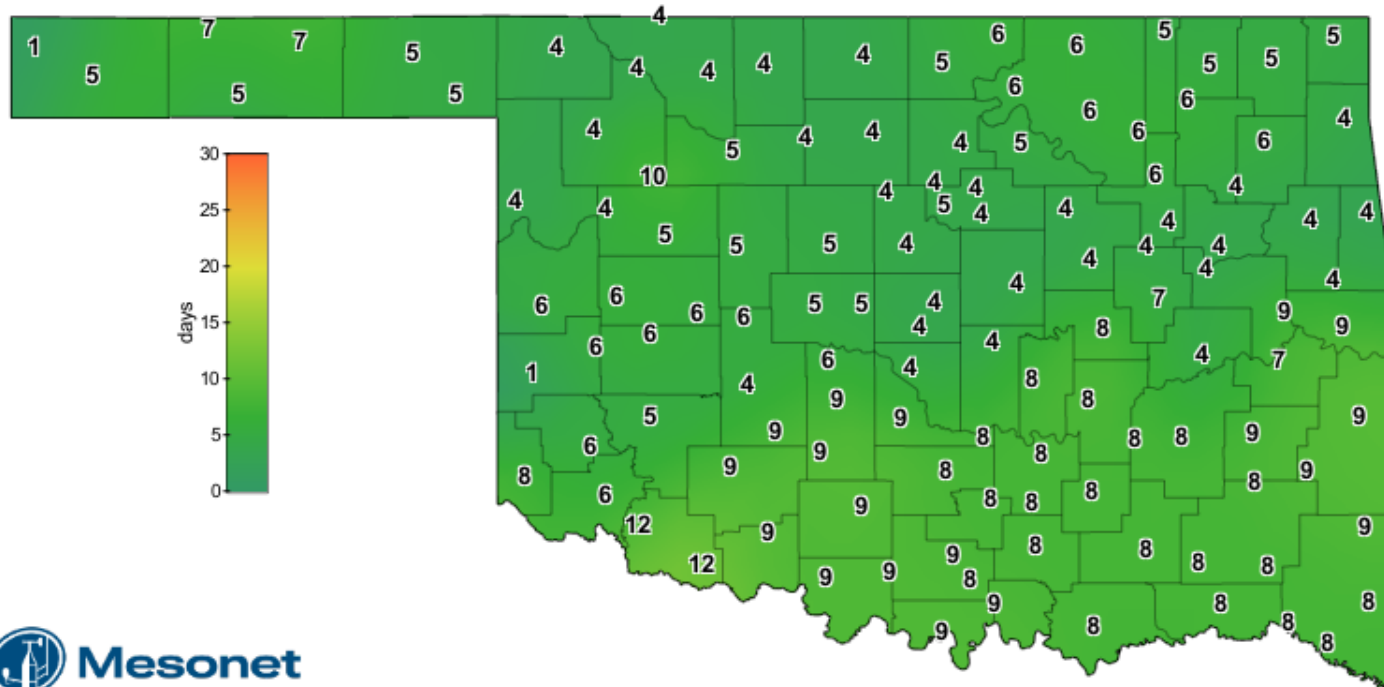
SOIL MOISTURE MAP



SHORT-TERM SOIL MOISTURE STATUS:

There is some improvement to soil moisture in Western Oklahoma, but we'll need continued rainfall to keep those gains.

DAYS SINCE LAST RAINFALL



Consecutive Days With Less Than 0.25" Rainfall

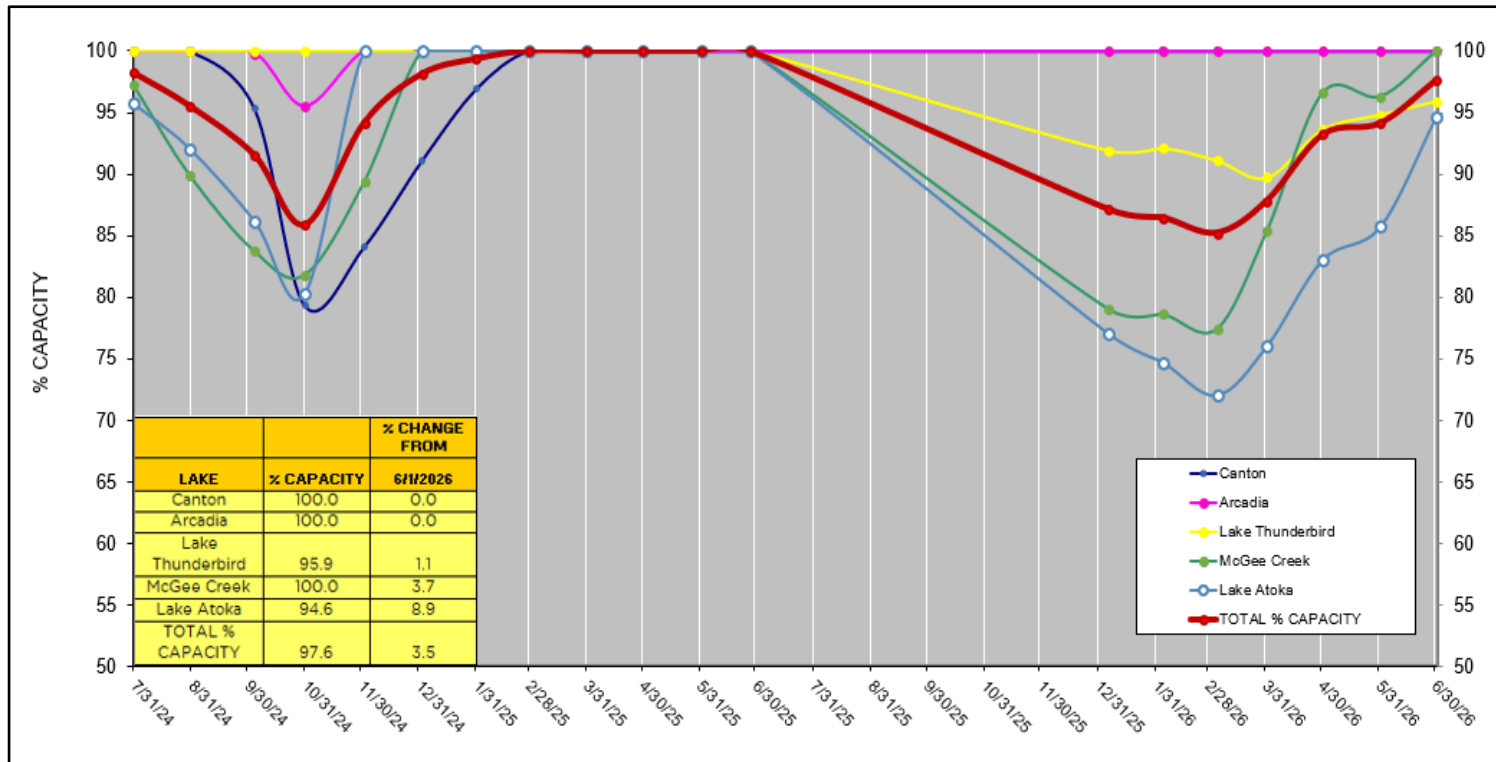
July 1, 2026

Created 8:15:01 AM July 2, 2026 CDT. © Copyright 2026

GREEN IS GOOD:

- A rare sight, but a welcome one!
- Our map is all green thanks to fairly consistent rainfall throughout June.
- Even if some areas received the bare minimum, a damp soil is better at absorbing any future rainfall.

SURFACE WATER CONSERVATION CAPACITY – CENTRAL OK RESERVOIRS



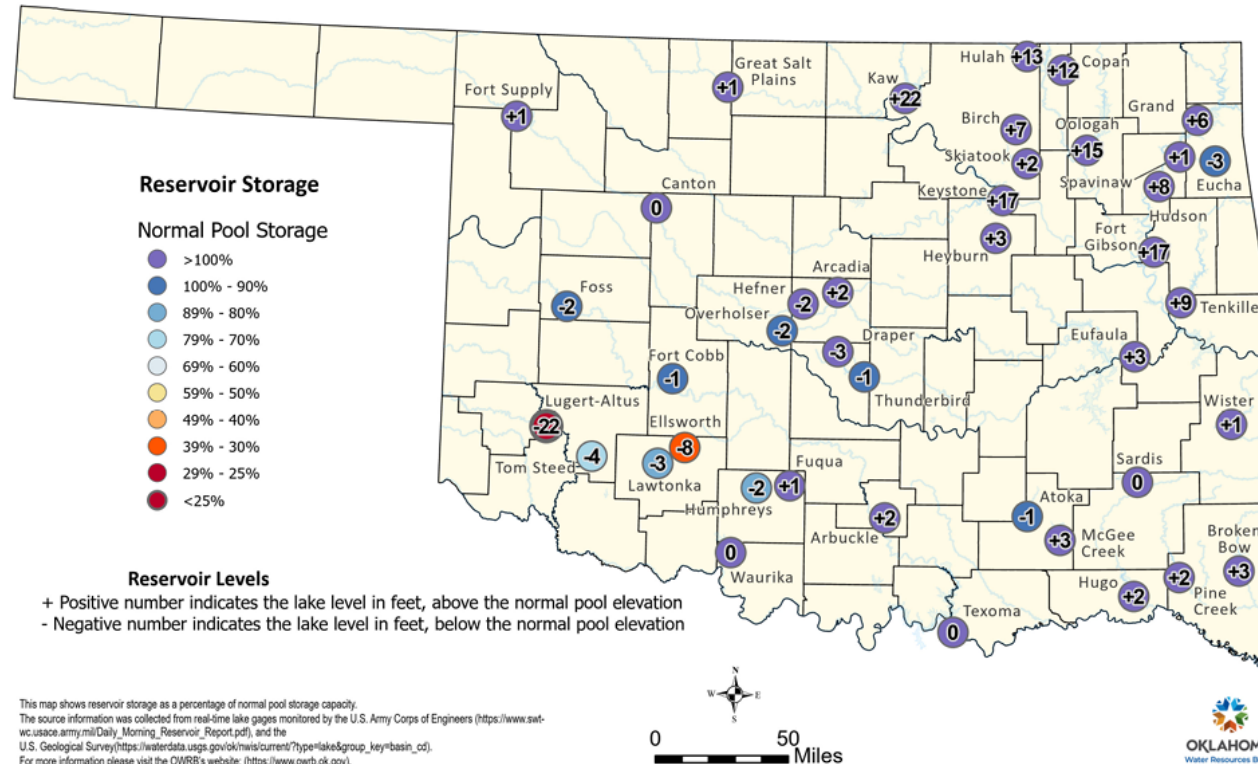
RESERVOIR TRENDS:

- The June rain helped fill multiple reservoirs, pushing all Central Oklahoma's supplies to 94% capacity or better.

OKLAHOMA RESERVOIR LEVELS AND STORAGE



Oklahoma Reservoir Levels and Storage as of 6/29/2026



CURRENT RESERVOIR CONDITIONS:

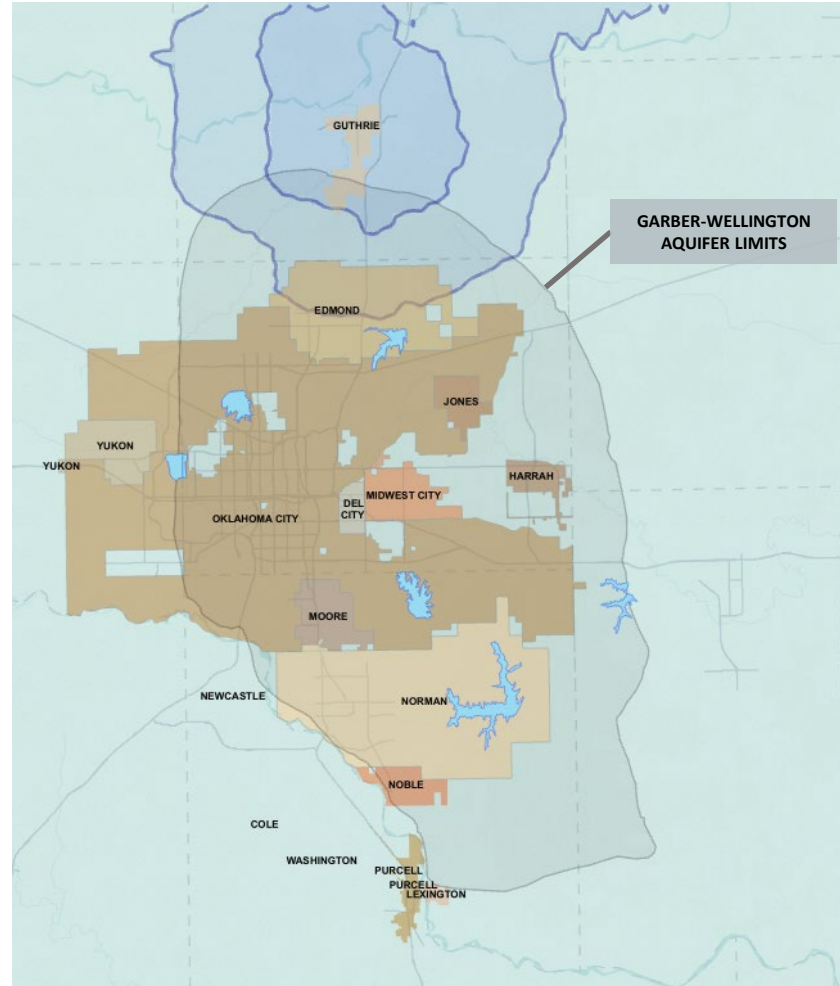
- Oklahoma reservoir levels are tracked as a percentage of normal storage.
- Just like the streamflow map, major gains are mostly seen in Eastern Oklahoma.

MONTHLY AQUIFER RECHARGE

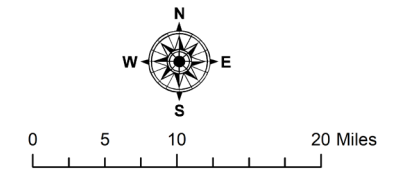
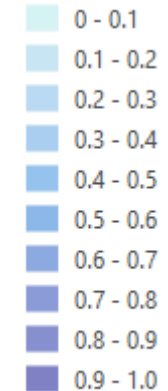


OFF-CENTER STORMS:

- We can see some recharge creeping in from the storms this June, but most of the rain stayed too far east.
- Thankfully, our 4th of July storm brought plenty of rain dead center – but the rain must continue if it's going to beat Oklahoma's July heat.



Recharge in Inches

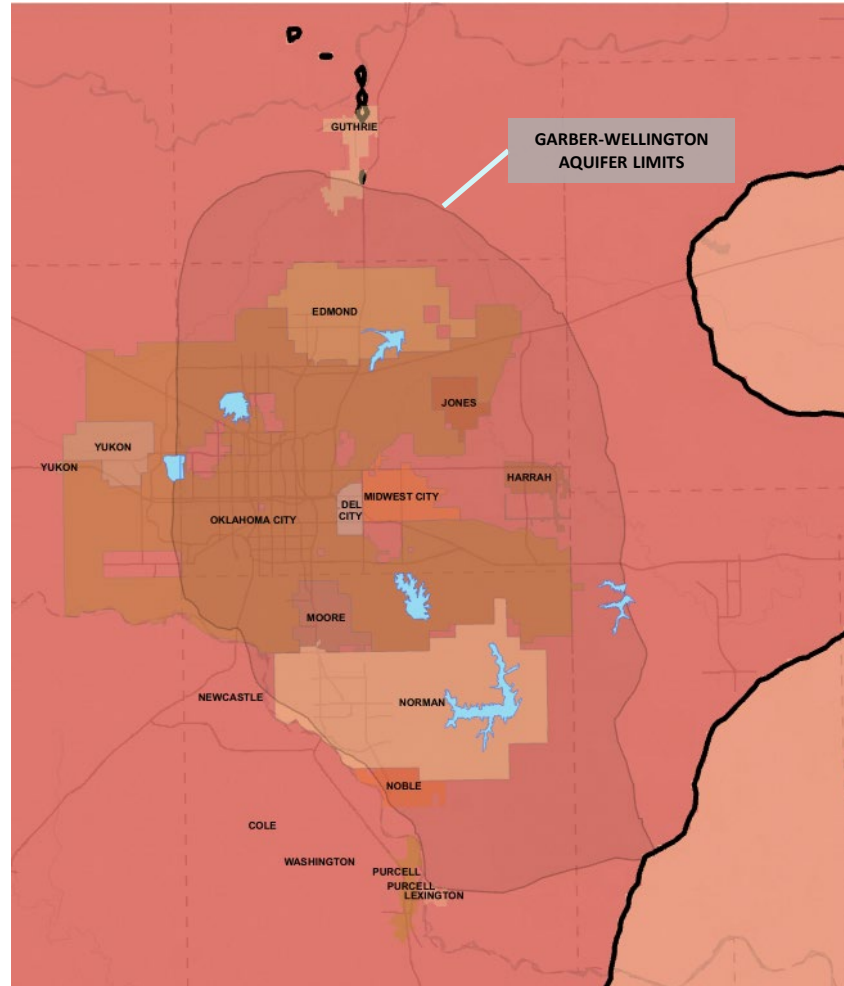


12-MONTH CUMULATIVE AQUIFER RECHARGE

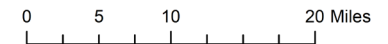
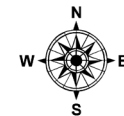
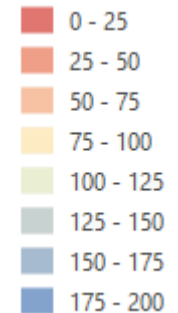


RED CARD ISSUED:

- No foul play here - just a lack of good rain these past 12 months.
- Our abnormally wet spring in 2025 kept the average recharge looking good, but now we're finally seeing the effects of the drought.



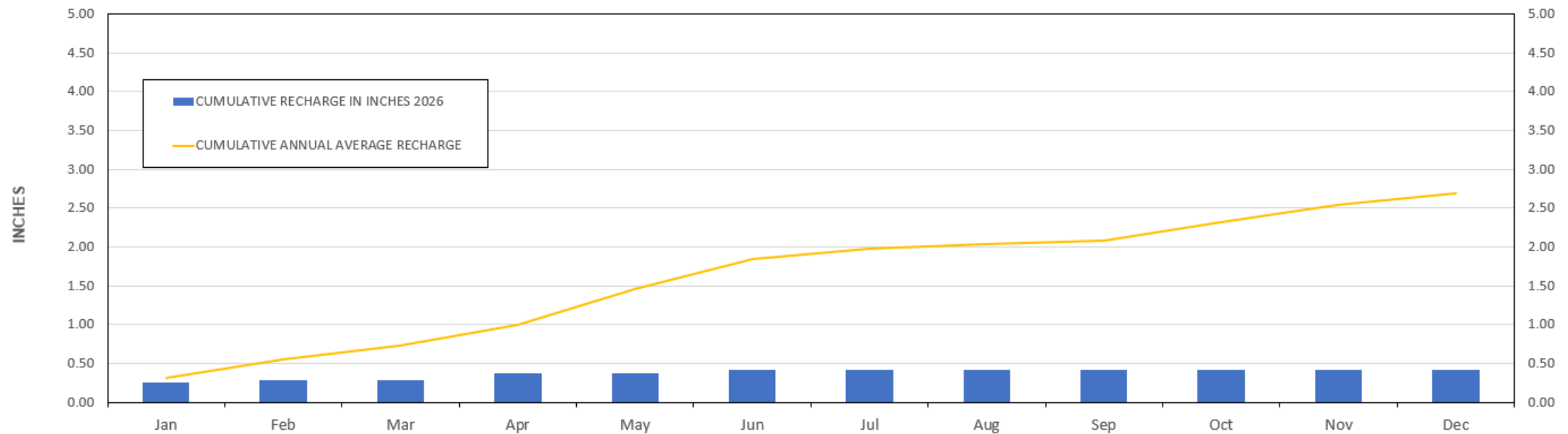
Percent of
Cumulative
Recharge



RECHARGE CHARTS: CENTRAL OKLAHOMA AQUIFER SYSTEM



CUMULATIVE RECHARGE FOR THE CENTRAL OKLAHOMA AQUIFER

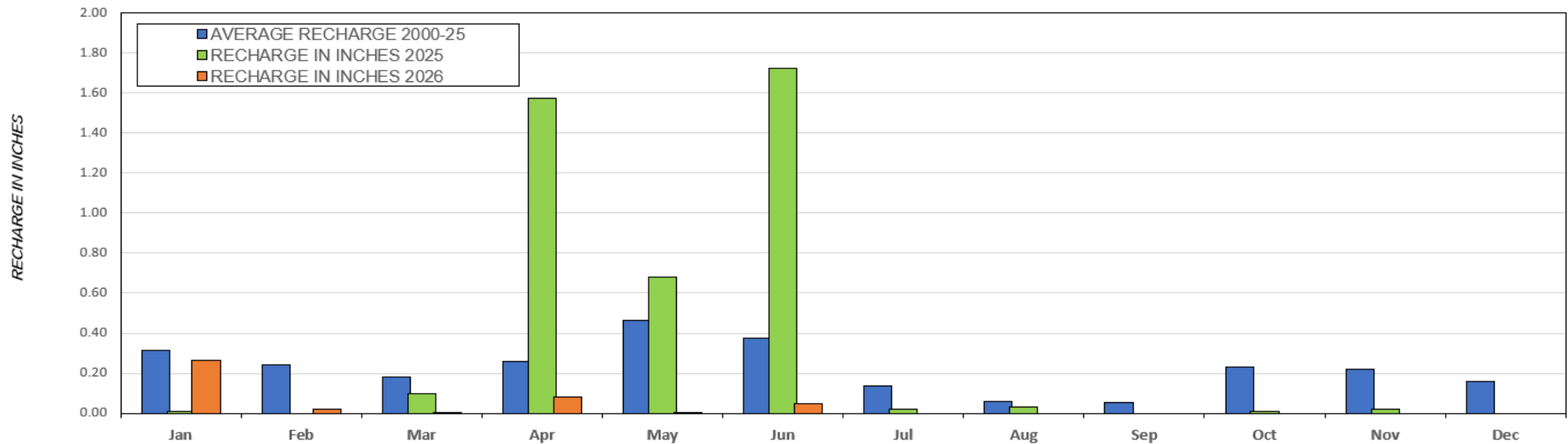


June recharge in Central Oklahoma was underwhelming, keeping us almost 2 inches below average.

RECHARGE CHARTS: CENTRAL OKLAHOMA AQUIFER SYSTEM CONT.

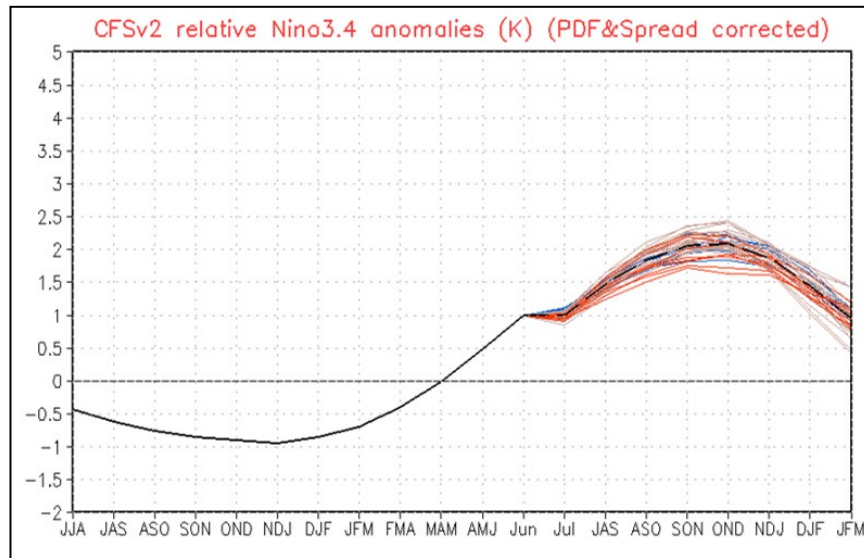


MONTHLY AQUIFER RECHARGE 2026

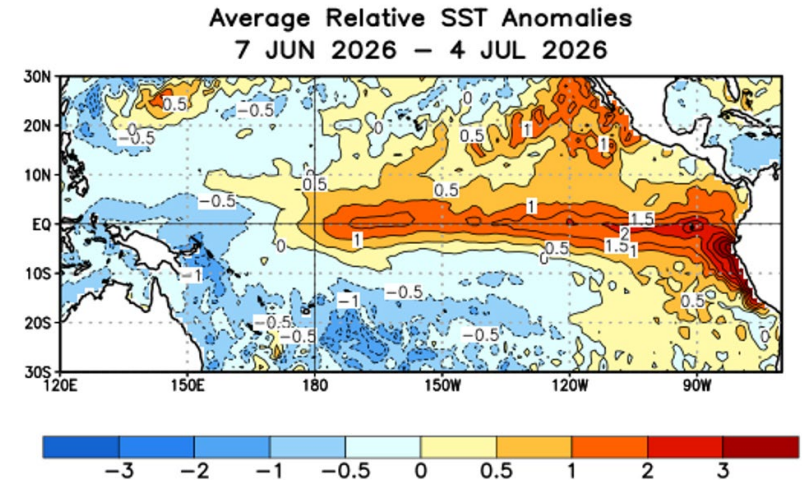


The graph says it all – Central Oklahoma received nowhere near the amount of rain it saw in June 2025.

ENSO CYCLE – CURRENT PATTERNS AND PREDICTIONS



- Latest 8 forecast members
- Earliest 8 forecast members
- Other forecast members
- (Climatology base period: 1991–2020)
- Forecast ensemble mean
- NCEI Olv2.1 daily analysis



CLIMATE PATTERN UPDATE (ENSO):

El Niño is officially here and expected to strengthen into winter. That should bring cooler and wetter weather later this year, but we'll have to make it through a hot summer first.

A DECEPTIVELY DRY START TO SUMMER

- Multiple areas in Oklahoma received good rain this June, but most of the storms kept east of Central Oklahoma.
- Although this June felt rainy due to scattered storms across the state, we must look at the trends. Central Oklahoma is still falling well behind on average rainfall.
- This July is set to be hot, and the rain forecasts are unclear. The 4th of July storm was a promising start, but consistency is key for agriculture and aquifer recharge.
- Remember that despite the occasional rain – we are in a drought!

THANK YOU!

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ASSOCIATION OF
CENTRAL OKLAHOMA
GOVERNMENTS