

Oklahoma Water Resources Bulletin

Summary of Current Conditions

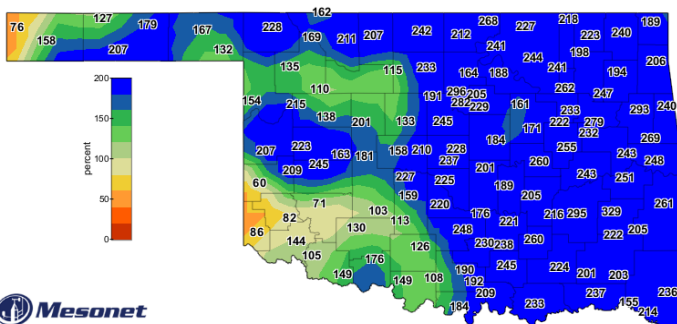
June 16, 2025

Precipitation

Last 30 Days: May 17, 2025, through June 15, 2025

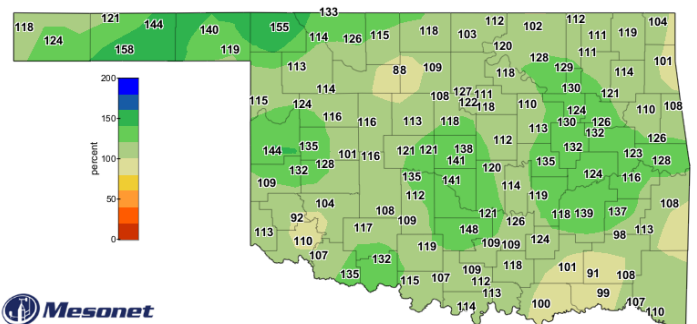
Last 365 Days: June 16, 2024, through June 15, 2025

Climate Division	Total Rainfall (inches)	Departure From Normal (inches)	Percent of Normal	Rank Since 1921	Climate Division	Total Rainfall (inches)	Departure From Normal (inches)	Percent of Normal	RANK SINCE 1921
PANHANDLE	4.18"	+1.10"	136%	28th wettest	PANHANDLE	26.00"	+5.42"	126%	13th wettest
N. CENTRAL	7.95"	+3.32"	172%	9th wettest	N. CENTRAL	34.34"	+2.92"	109%	25th wettest
NORTHEAST	12.25"	+6.60"	217%	3rd wettest	NORTHEAST	49.34"	+6.67"	116%	20th wettest
W. CENTRAL	6.93"	+2.36"	152%	15th wettest	W. CENTRAL	33.81"	+5.41"	119%	14th wettest
CENTRAL	9.93"	+4.76"	192%	6th wettest	CENTRAL	44.90"	+7.27"	119%	10th wettest
E. CENTRAL	12.84"	+7.30"	232%	3rd wettest	E. CENTRAL	57.10"	+10.96"	124%	7th wettest
SOUTHWEST	4.86"	+0.41"	109%	45th wettest	SOUTHWEST	33.40"	+3.13"	110%	20th wettest
S. CENTRAL	10.01"	+4.65"	187%	6th wettest	S. CENTRAL	46.34"	+5.63"	114%	19th wettest
SOUTHEAST	11.51"	+6.05"	211%	2nd wettest	SOUTHEAST	55.24"	+4.65"	109%	27th wettest
STATEWIDE	9.01"	+4.12"	184%	6th wettest	STATEWIDE	42.31"	+5.84"	116%	15th wettest



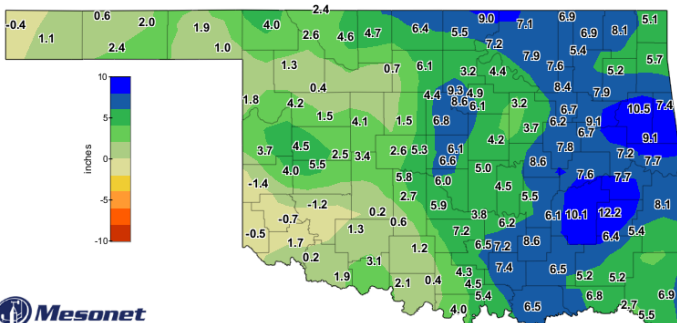
Percent of 1991-2020 Normal Rainfall
Last 30 Days

May 17, 2025 through Jun 15, 2025
Created 3:56:32 AM June 16, 2025 CDT. Copyright 2025



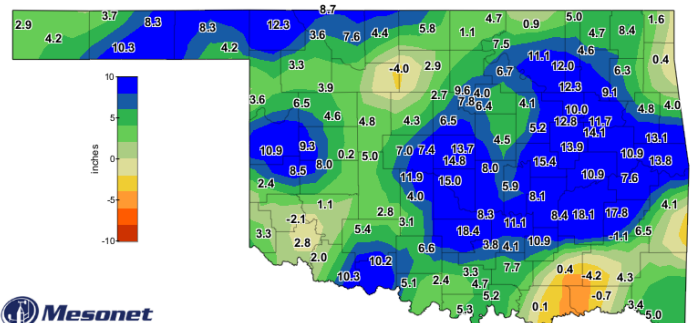
Percent of 1991-2020 Normal Rainfall
Last 365 Days

Jun 16, 2024 through Jun 15, 2025
Created 3:57:41 AM June 16, 2025 CDT. Copyright 2025



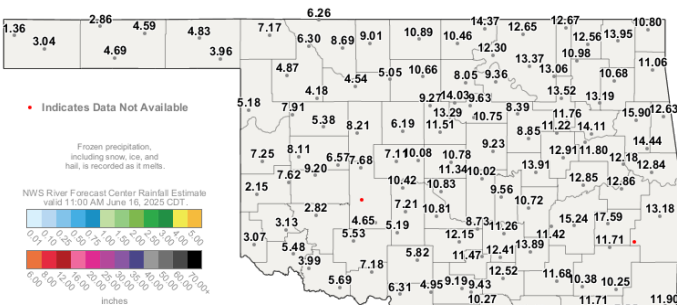
Departure from 1991-2020 Normal Rainfall
Last 30 Days

May 17, 2025 through Jun 15, 2025
Created 3:56:32 AM June 16, 2025 CDT. Copyright 2025



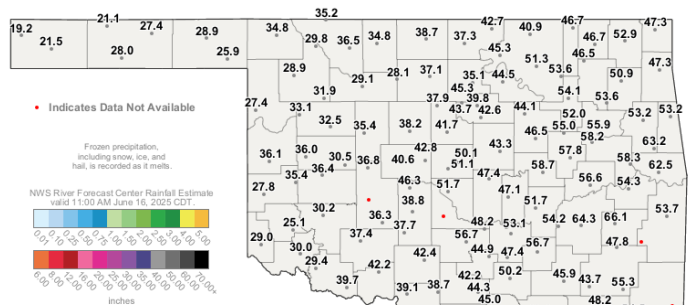
Departure from 1991-2020 Normal Rainfall
Last 365 Days

Jun 16, 2024 through Jun 15, 2025
Created 3:57:41 AM June 16, 2025 CDT. Copyright 2025



30-Day Rainfall Accumulation (inches)

1:50 PM June 16, 2025 CDT
Created 1:58:07 PM June 16, 2025 CDT. Copyright 2025

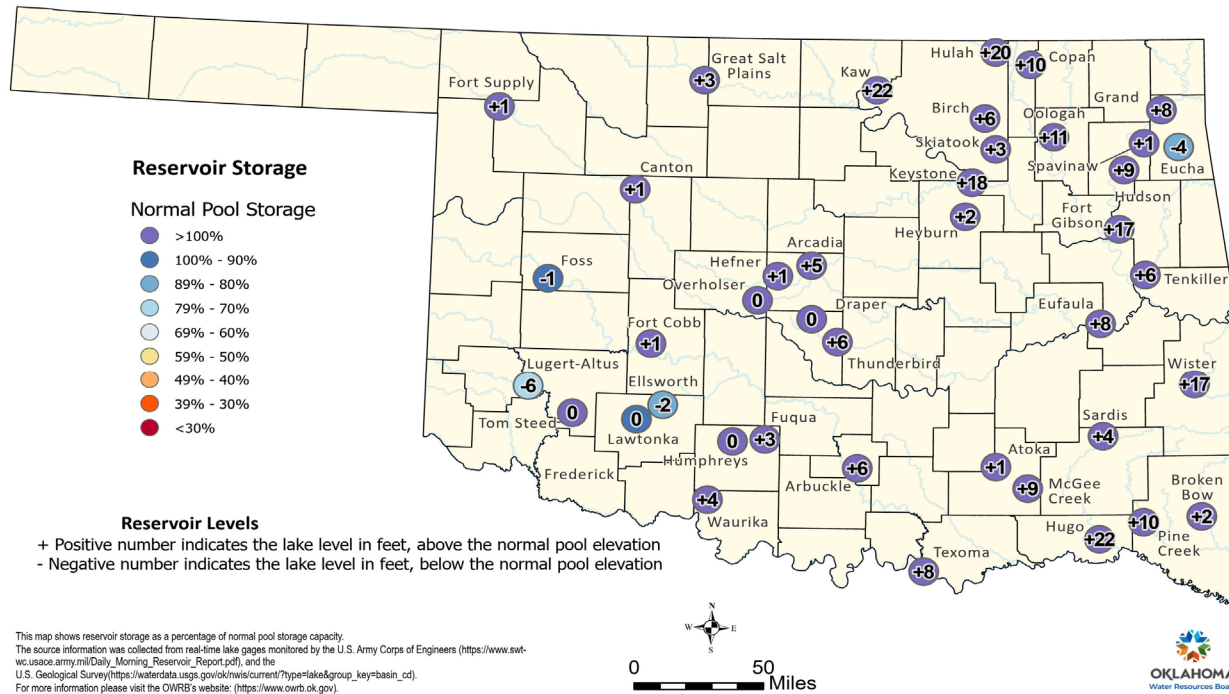


365-Day Rainfall Accumulation (inches)

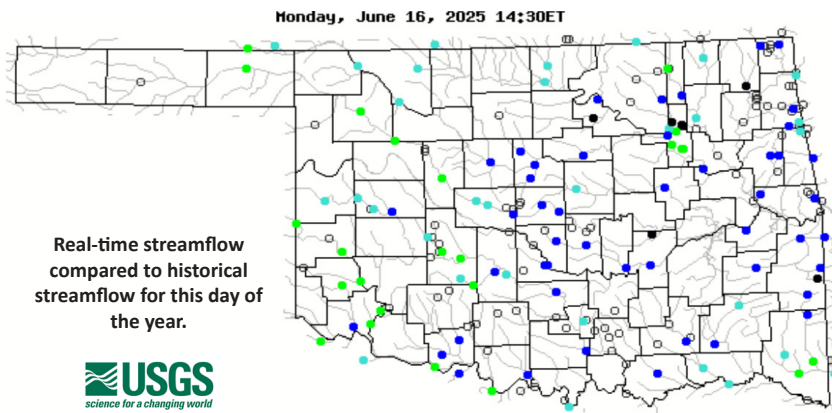
1:50 PM June 16, 2025 CDT
Created 1:58:08 PM June 16, 2025 CDT. Copyright 2025

Reservoir Levels

Oklahoma Reservoir Levels and Storage as of 6/9/2025



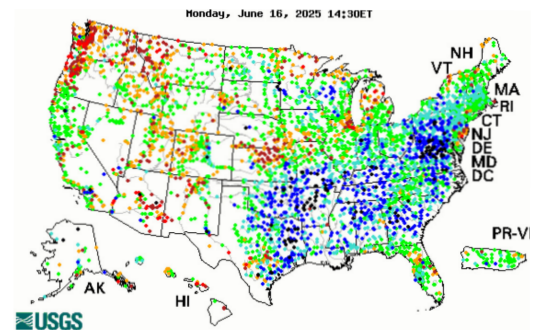
Streamflow



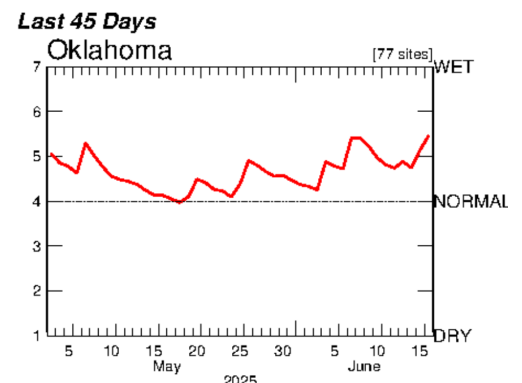
Explanation - Percentile classes							
●	●	●	●	●	●	●	●
Low	<10 Much below normal	10-24 Below normal	25-75 Normal	76-90 Above normal	>90 Much above normal	High	Not ranked

Visit waterwatch.usgs.gov for additional real-time streamflow information.

Visit the OWRB's [Water Data and Analysis Portal](#) for continuous and discrete water quality and quantity data for Oklahoma lakes, streams, and aquifers across the state.

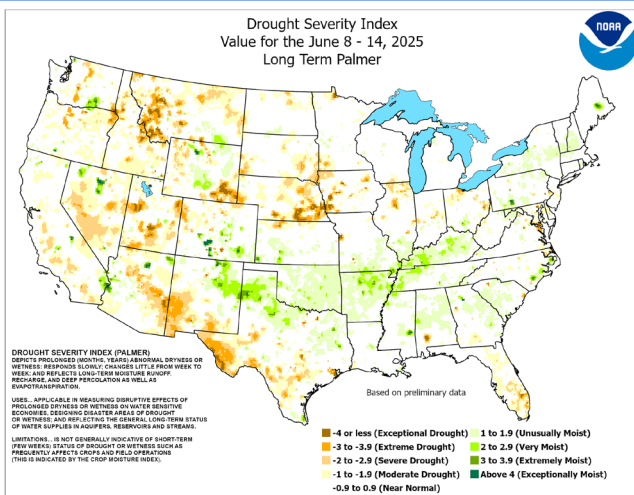


Average Streamflow Index



Drought Conditions

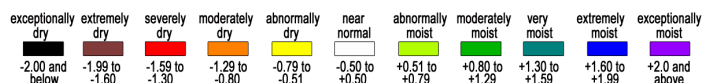
Palmer Drought Severity Index (PDSI)



The PDSI is a standardized index based on a simplified soil water balance and estimates relative soil moisture conditions.

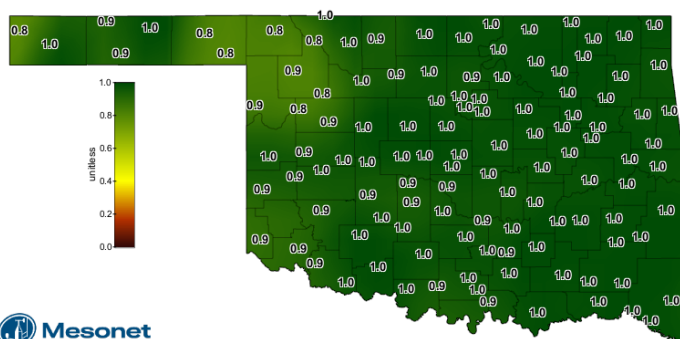
Standardized Precipitation Index (SPI) Through May 2025

Climate Division	3-month	12-month	24-month
PANHANDLE	Near Normal	Abnormally Moist	Very Moist
NORTH CENTRAL	Abnormally Moist	Near Normal	Abnormally Moist
NORTHEAST	Very Moist	Near Normal	Abnormally Moist
WEST CENTRAL	Abnormally Moist	Near Normal	Moderately Moist
CENTRAL	Extremely Moist	Moderately Moist	Very Moist
EAST CENTRAL	Extremely Moist	Moderately Moist	Moderately Moist
SOUTHWEST	Extremely Moist	Abnormally Moist	Moderately Moist
SOUTH CENTRAL	Extremely Moist	Moderately Moist	Moderately Moist
SOUTHEAST	Moderately Moist	Moderately Moist	Moderately Moist



The SPI provides a comparison of precipitation over several specified time periods with totals for all years in the historical record. Through May 2025, all regions were Near Normal or wetter for all time periods shown.

Soil Moisture

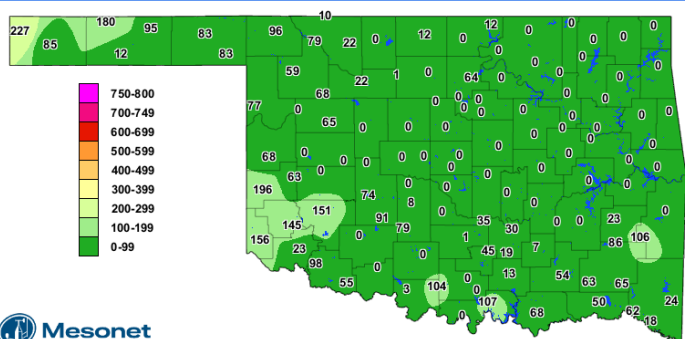


1-day Average 4-inch Bare Soil Fractional Water Index

June 15, 2025
Created 7:30:14 AM June 16, 2025 CDT. © Copyright 2025

The 1-day Average 4-inch Bare Soil Fractional Water Index map displays the 24-hour-averaged soil moisture at 4 inches under bare soil for the previous day. Fractional water index ranges from 0 (as dry as the sensor can read) to 1.0 (as wet as the sensor can read). Soil moisture cannot be measured if the soils are frozen, which may cause maps to have large areas of missing data during the winter months.

Keetch-Byram Drought Index

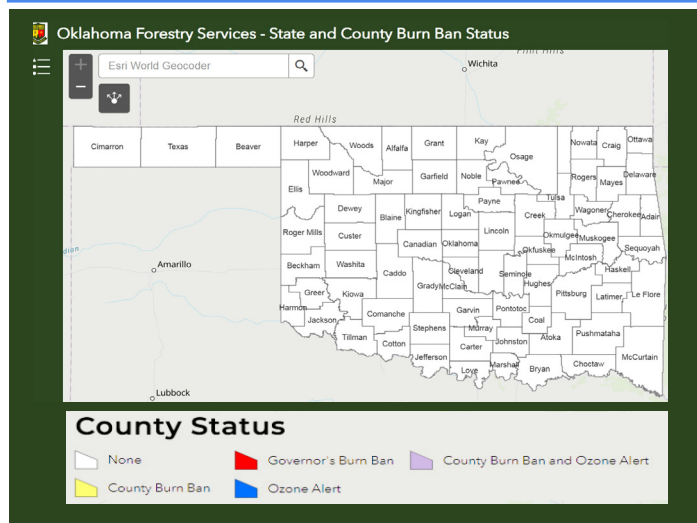


Keetch-Byram Drought Index

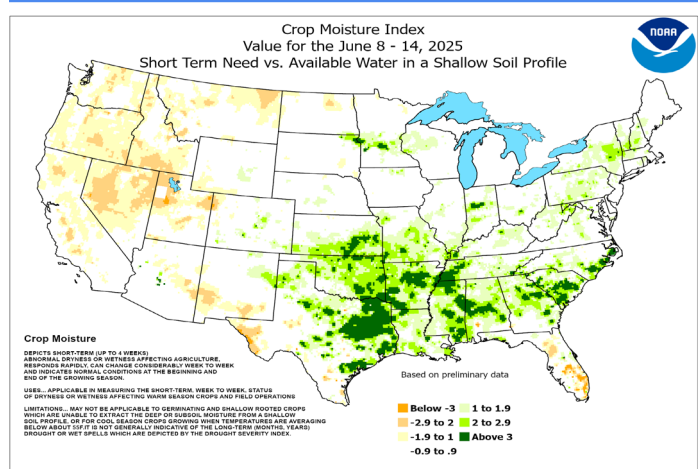
2:15 PM June 16, 2025 CDT
Created 2:30:57 PM June 16, 2025 CDT. Copyright 2025

The Keetch-Byram Drought Index measures the state of near-surface soil moisture (within the uppermost eight inches of soil) as well as the amount of fuel available for fires. KBDI values > 600 are often associated with severe drought and increased wildfire occurrence.

State & County Burn Ban Status



Crop Moisture Index



Oklahoma Drought Monitor

0

Oklahoma residents in areas of drought, according to the Drought Monitor

— 100% since last week

33rd

wettest May on record (since 1895)

5.94 in. total precipitation

↑ 1.10 in. from normal

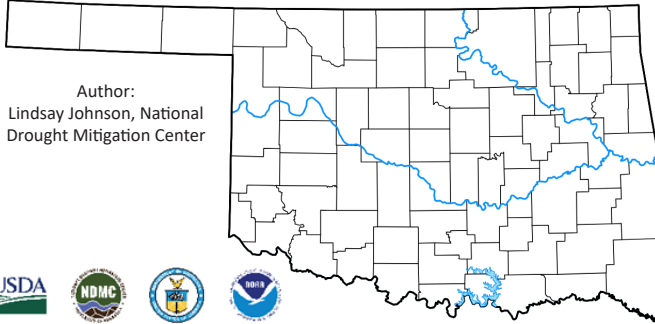
18th

wettest January–May on record (since 1895)

18.01 in. total precipitation

↑ 4.23 in. from normal

Statistics valid as of 6/10/25



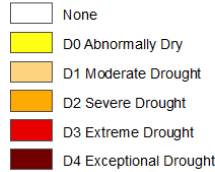
Author:
Lindsay Johnson, National
Drought Mitigation Center



droughtmonitor.unl.edu

June 10, 2025
(Released June 12, 2025)
Valid 8 a.m. EDT

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

D0 - Abnormally Dry

- Crops are stressed (wheat, canola, alfalfa, pecans); winter wheat germination is delayed
- Stock pond levels decline

D1 - Moderate Drought

- Summer crop and forage yields are reduced
- Wildfire risk increases
- Lake recreation activities are affected; deer reproduction is poor

D2 - Severe Drought

- Dryland crops are severely reduced; pasture growth is stunted
- Cattle are stressed
- Burn bans begin

D3 - Extreme Drought

- Grasses are dormant, and hay is nonexistent; planting is delayed; fields are spotty; emergency CRP grazing is authorized
- Cattle have little water and feed
- Wildfires are increasing in number and severity; air quality is poor, with dust storms and smoke

D4 - Exceptional Drought

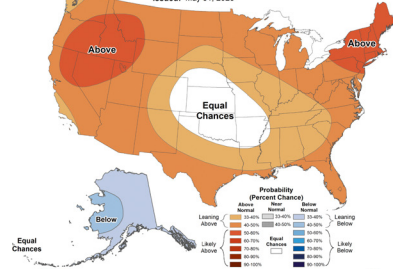
- Ground is cracking; farmers are bailing failed crops or abandoning fields; pastures are bare; land is abandoned
- Cost of hay and water is high and supplies are scarce; producers are liquidating herds
- Burn restrictions increase; fire season is long

Monthly/Seasonal Outlook



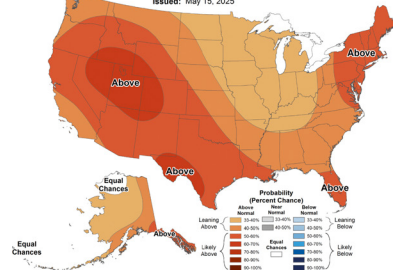
Monthly Temperature Outlook

Valid: June 2025
Issued: May 15, 2025



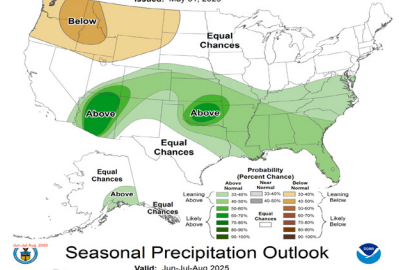
Seasonal Temperature Outlook

Valid: Jun-Jul-Aug 2025
Issued: May 15, 2025



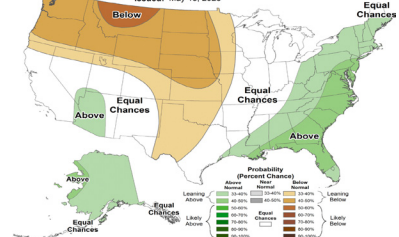
Monthly Precipitation Outlook

Valid: June 2025
Issued: May 31, 2025



Seasonal Precipitation Outlook

Valid: Jun-Jul-Aug 2025
Issued: May 15, 2025



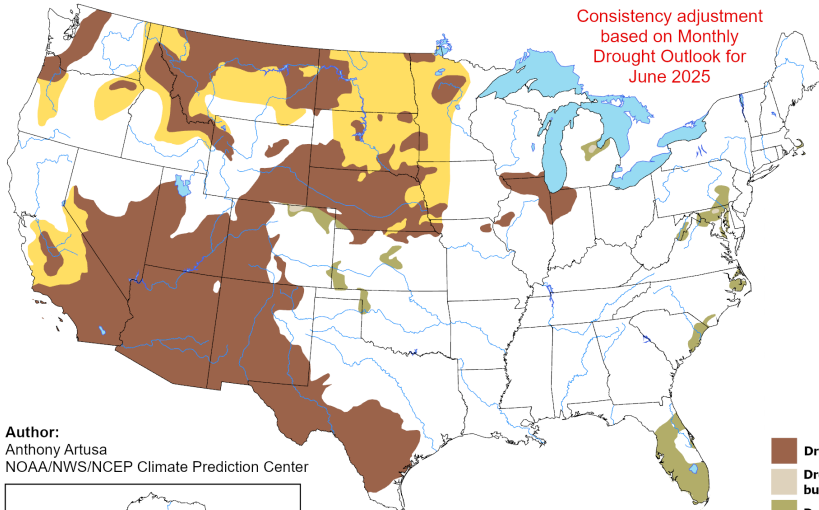
Drought Probability

U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

Valid for June 1 - August 31, 2025
Released May 31, 2025

Consistency adjustment
based on Monthly
Drought Outlook for
June 2025



Author:
Anthony Artusa
NOAA/NWS/NCEP Climate Prediction Center



- Drought persists
- Drought remains, but improves
- Drought removal likely
- Drought development likely
- No drought



<https://go.usa.gov/3eZ73>

The map depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4). Tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. Green areas imply drought removal by the end of the period.

NOAA/ National Weather Service
National Centers for Environmental Prediction
Climate Prediction Center