

Oklahoma Water Resources Bulletin

Summary of Current Conditions

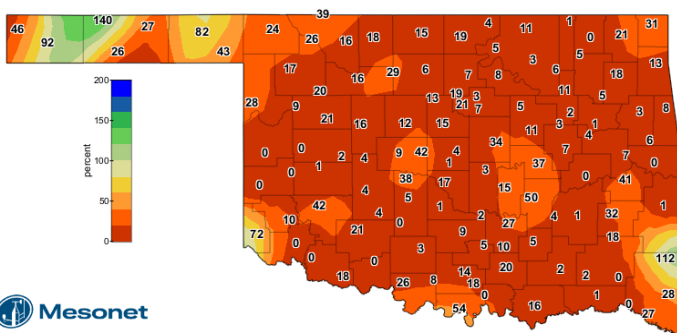
August 17, 2026

Precipitation

Last 30 Days: Jul 18 through Aug 16, 2026

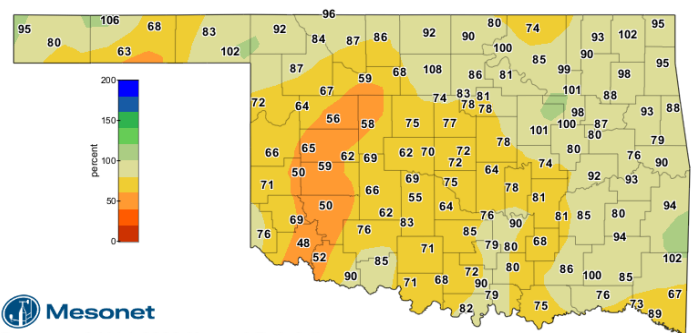
Last 365 Days: Aug 17, 2025, through Aug 16, 2026

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	1.55"	-1.09"	59%	24th driest	PANHANDLE	16.50"	-4.08"	80%	24th driest
N. CENTRAL	0.56"	-2.28"	20%	5th driest	N. CENTRAL	26.18"	-5.24"	83%	36th driest
NORTHEAST	0.32"	-2.80"	10%	3rd driest	NORTHEAST	39.05"	-3.62"	92%	52nd driest
W. CENTRAL	0.16"	-2.33"	6%	3rd driest	W. CENTRAL	16.91"	-11.49"	60%	2nd driest
CENTRAL	0.46"	-2.32"	17%	7th driest	CENTRAL	27.88"	-9.75"	74%	18th driest
E. CENTRAL	0.35"	-2.69"	12%	4th driest	E. CENTRAL	39.81"	-6.33"	86%	39th driest
SOUTHWEST	0.41"	-1.86"	18%	7th driest	SOUTHWEST	20.14"	-10.13"	67%	7th driest
S. CENTRAL	0.37"	-1.99"	16%	8th driest	S. CENTRAL	31.50"	-9.21"	77%	21st driest
SOUTHEAST	0.81"	-2.18"	27%	7th driest	SOUTHEAST	43.57"	-7.02"	86%	29th driest
STATEWIDE	0.56"	-2.17"	21%	4th driest	STATEWIDE	29.12"	-7.35"	80%	22nd driest



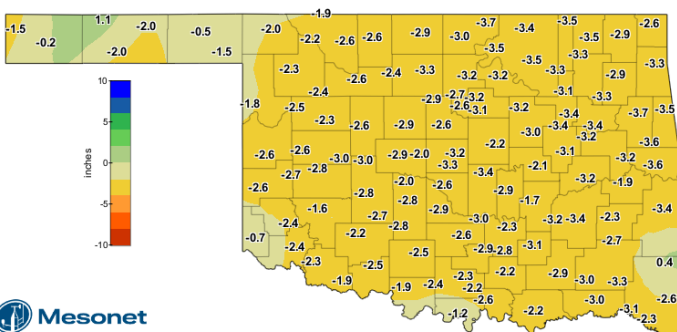
Percent of 1991-2020 Normal Rainfall
Last 30 Days

Jul 18, 2026 through Aug 16, 2026
Created 4:52:31 AM August 17, 2026 CDT. Copyright 2026



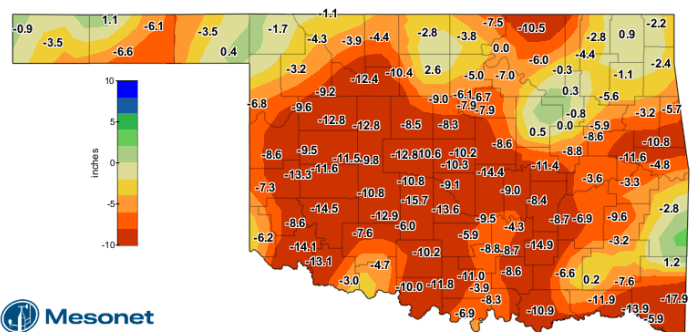
Percent of 1991-2020 Normal Rainfall
Last 365 Days

Aug 17, 2025 through Aug 16, 2026
Created 4:53:16 AM August 17, 2026 CDT. Copyright 2026



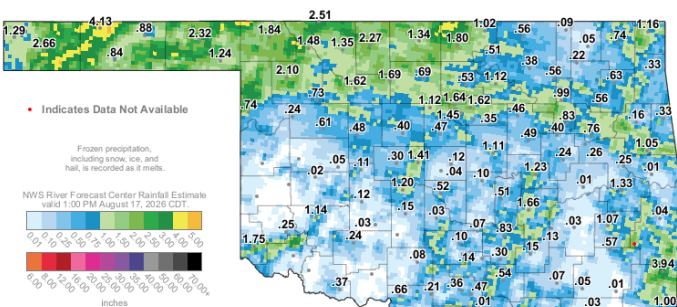
Departure from 1991-2020 Normal Rainfall
Last 30 Days

Jul 18, 2026 through Aug 16, 2026
Created 4:52:30 AM August 17, 2026 CDT. Copyright 2026



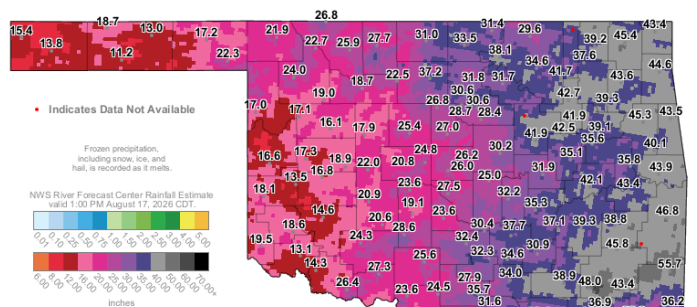
Departure from 1991-2020 Normal Rainfall
Last 365 Days

Aug 17, 2025 through Aug 16, 2026
Created 4:53:16 AM August 17, 2026 CDT. Copyright 2026



30-Day Rainfall Accumulation (inches)

1:50 PM August 17, 2026 CDT
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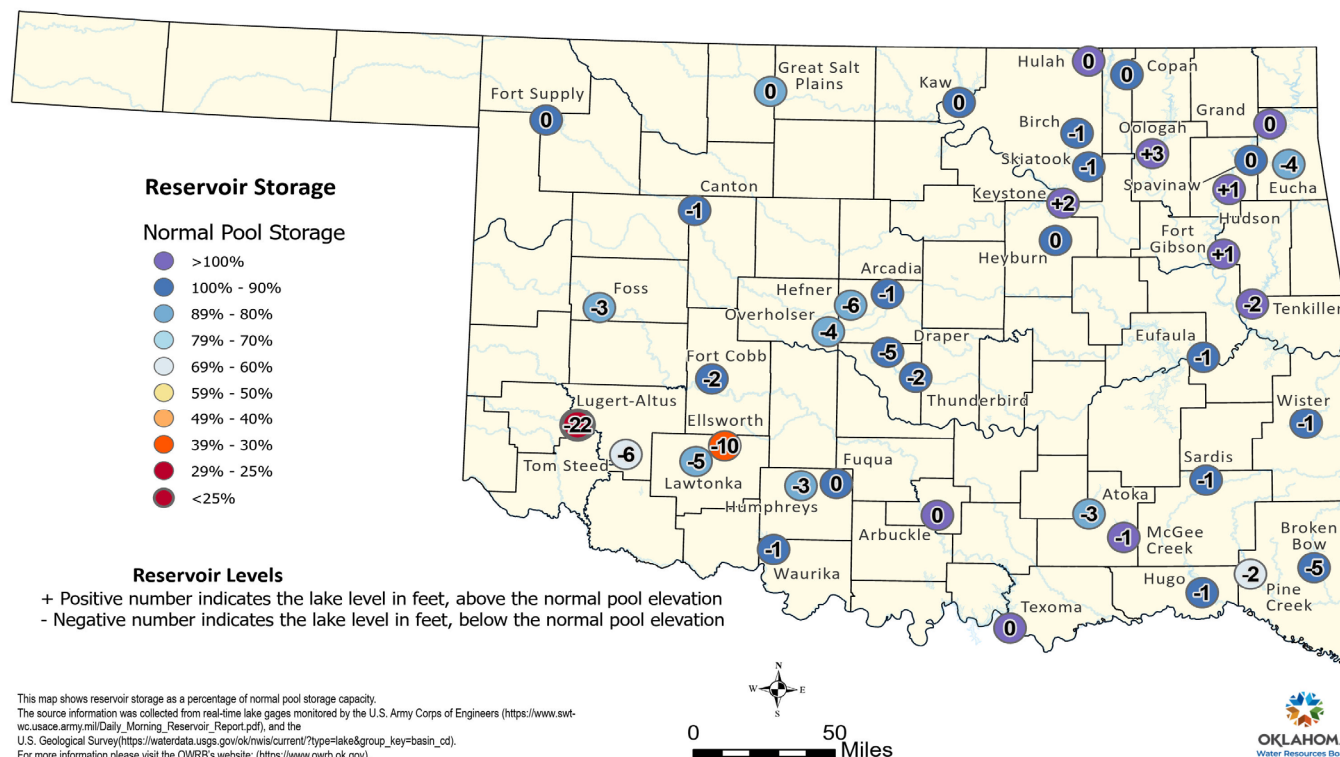


365-Day Rainfall Accumulation (inches)

1:50 PM August 17, 2026 CDT
Created 1:56:34 PM August 17, 2026 CDT. Copyright 2026

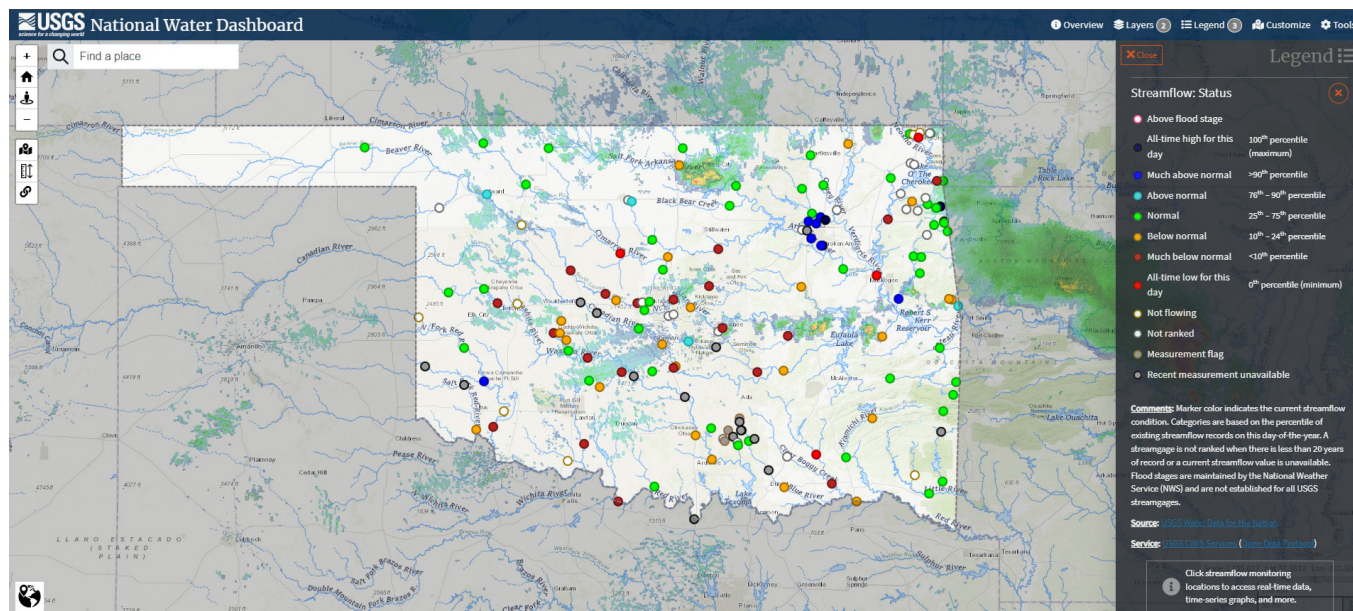
Reservoir Levels

Oklahoma Reservoir Levels and Storage as of 8/17/2026



Streamflow

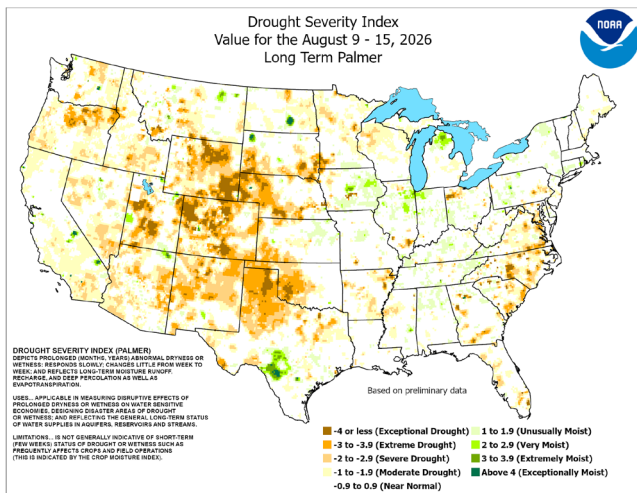
National Water Dashboard August 17, 2026



Visit the [USGS National Water Dashboard](https://www.nwd.usgs.gov) for additional real-time streamflow information.

Drought Conditions

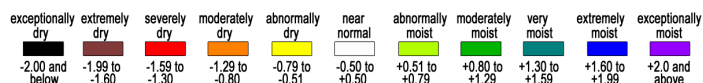
Palmer Drought Severity Index (PDSI)



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

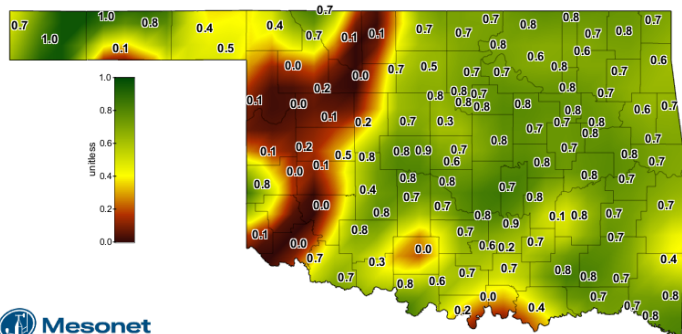
Standardized Precipitation Index (SPI) Through July 2026

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

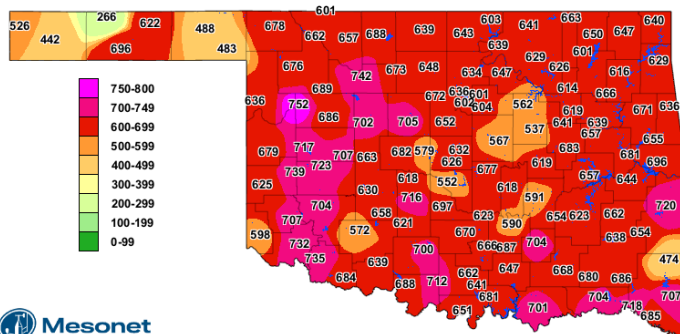


The SPI provides a comparison of precipitation over several specified time periods with totals for all years in the historical record. Through July 2026, for the 3-month period, the Panhandle and Southwest regions were Abnormally Dry. For the 12-month period, Southwest and West Central were Severely Dry and the Panhandle and Central were Abnormally Dry.

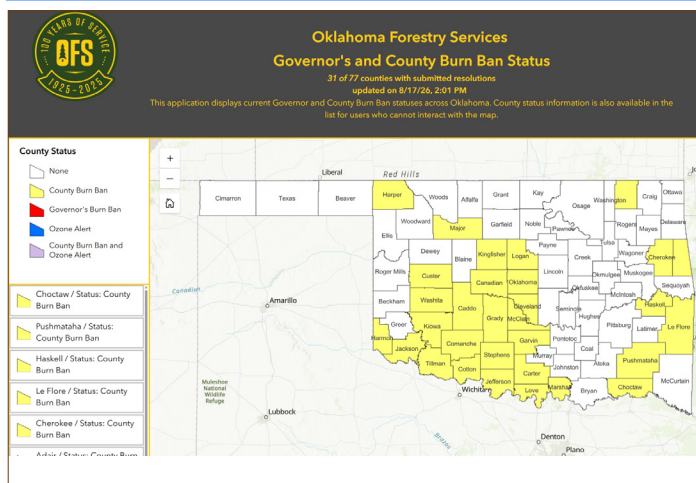
Soil Moisture



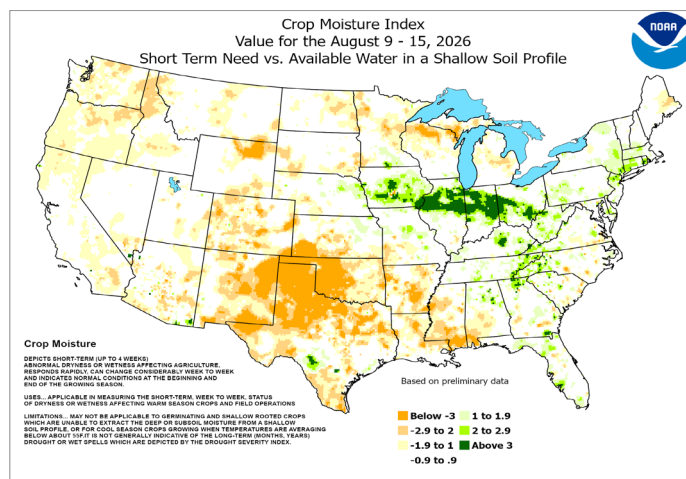
Keetch-Byram Drought Index



State & County Burn Ban Status



Crop Moisture Index



Oklahoma Drought Monitor

1.4 Million

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

↓ 0.4% since last week

16th

wettest June on record (since 1895)

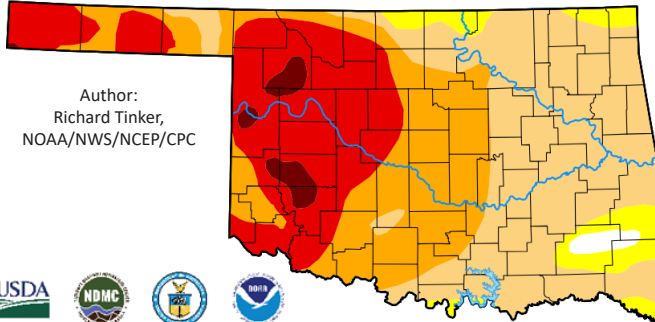
6.65 in. total precipitation
↑ 2.63 in. from normal

65th

wettest January–June on record (since 1895)

17.59 in. total precipitation
↓ 0.21 in. from normal

Statistics valid as of 08/17/2026



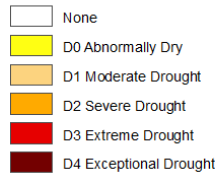
Author:
Richard Tinker,
NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu

August 11, 2026
(Released August 13, 2026)
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.

Week	Date	None	D0-D4	D1-D4	D2-D4	D3-D4	D4	DSCI
Current	8/11/2026	1	99	92.87	53.41	28.14	2.29	276
Last Week to Current	8/4/2026	4.43	95.57	59.83	40.34	19.51	2.25	217
3 Months Ago to Current	5/12/2026	0.44	99.56	79.74	47.07	36.52	2.9	266
Start of Calendar Year to Current	12/30/2025	20.87	79.13	53.74	13.95	4.8	0	152
Start of Water Year to Current	9/30/2025	64.08	35.92	4.86	0	0	0	41
One Year Ago to Current	8/12/2025	92	8	0	0	0	0	8

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

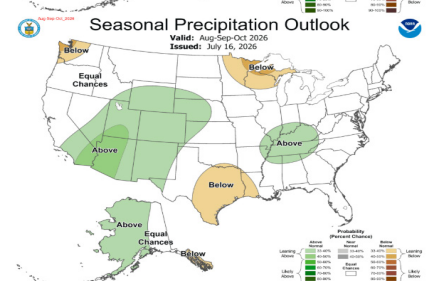
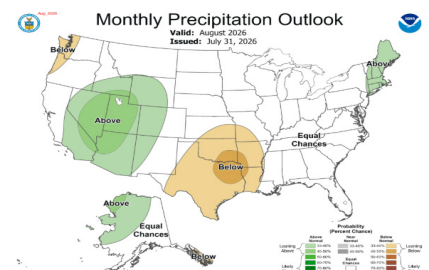
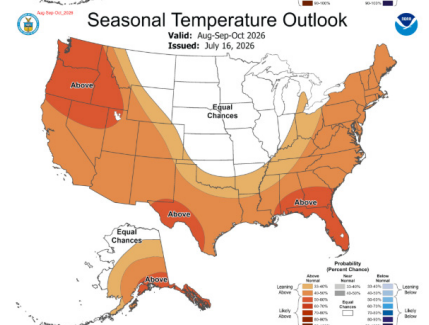
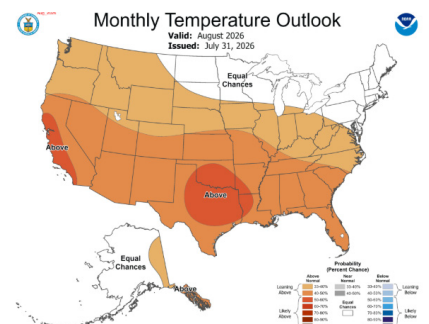
D3 - Extreme Drought

- 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



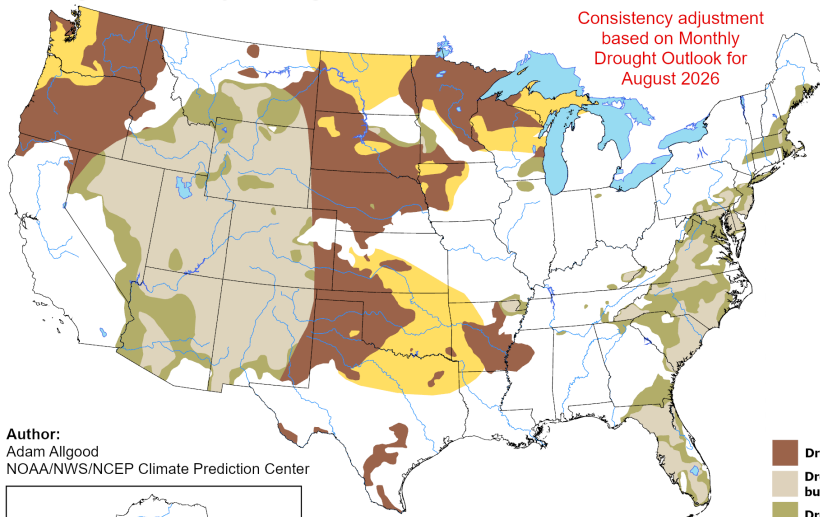
Drought Probability

U.S. Seasonal Drought Outlook

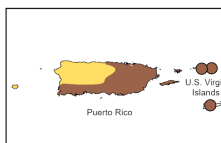
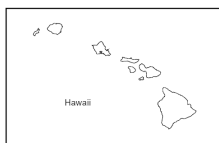
Drought Tendency During the Valid Period

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

Consistency adjustment
based on Monthly
Drought Outlook for
August 2026



Author:
Adam Allgood
NOAA/NWS/NCEP Climate Prediction Center



<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