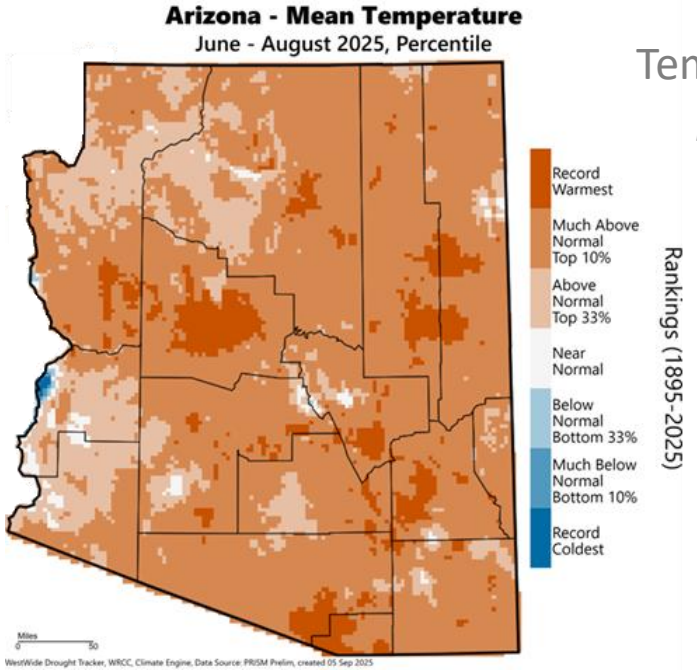


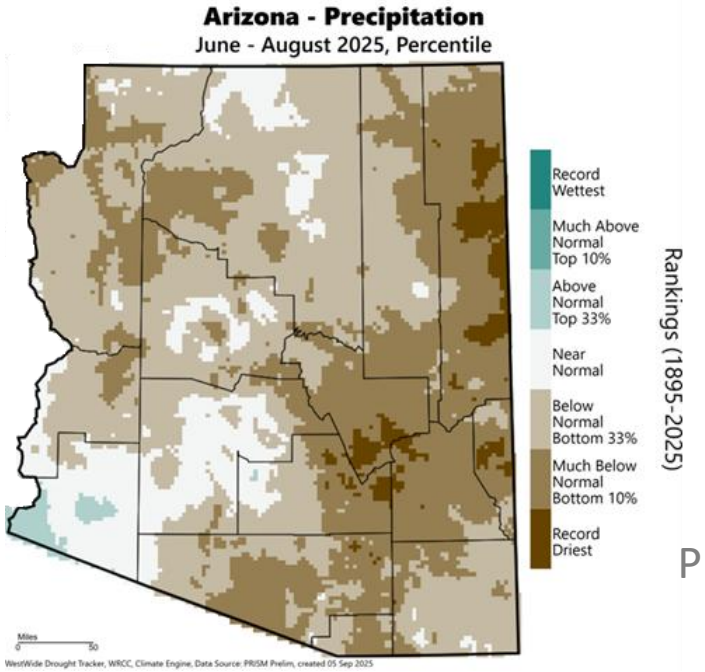
Temp: 80.7° Rank: 3rd hottest Anomaly: +2.9°F

Hottest summer? 2024

Summer: 3rd hottest and 12th driest

Preliminary data from NOAA/NCEI as of 9/17/25

(Jun-Jul-Aug statewide)

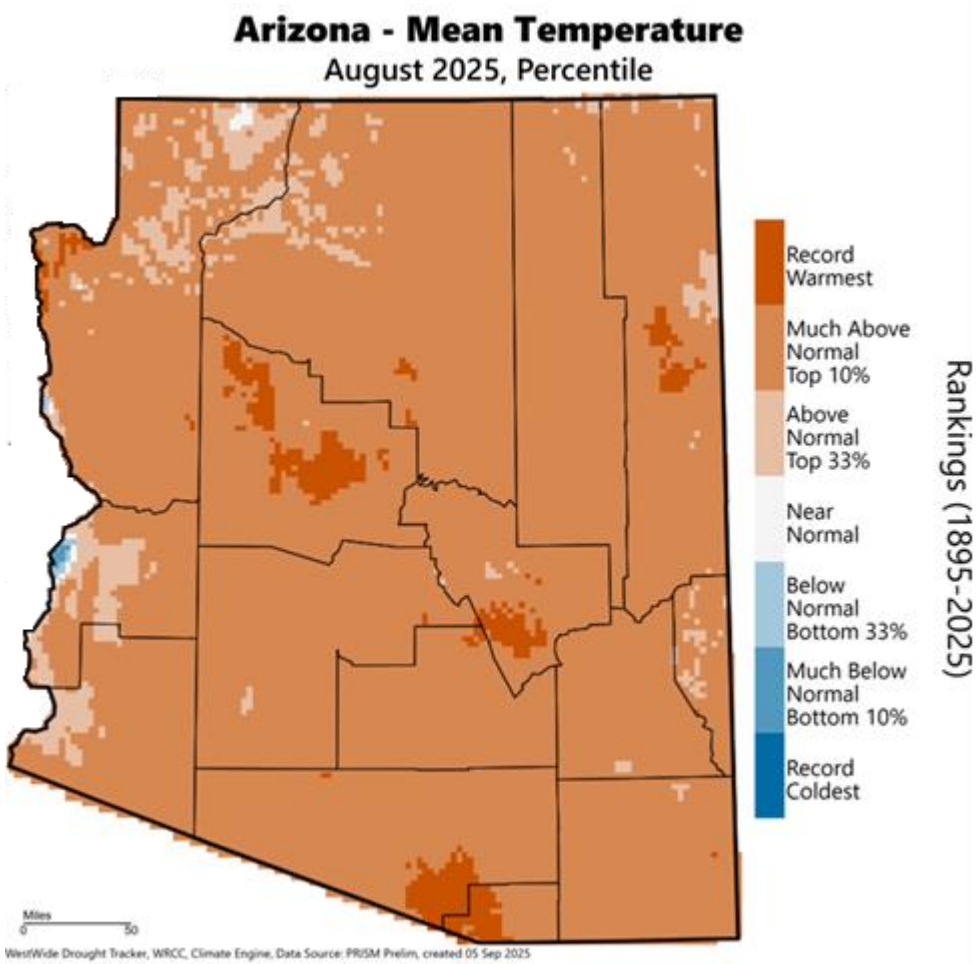


Precip: 2.58” Rank: 12th driest (tie) Anomaly: -1.52”

Driest summer? 2020

August 2025: warmer

Temp: 82.4°F Rank: 2nd hottest Anomaly: +4.2°F



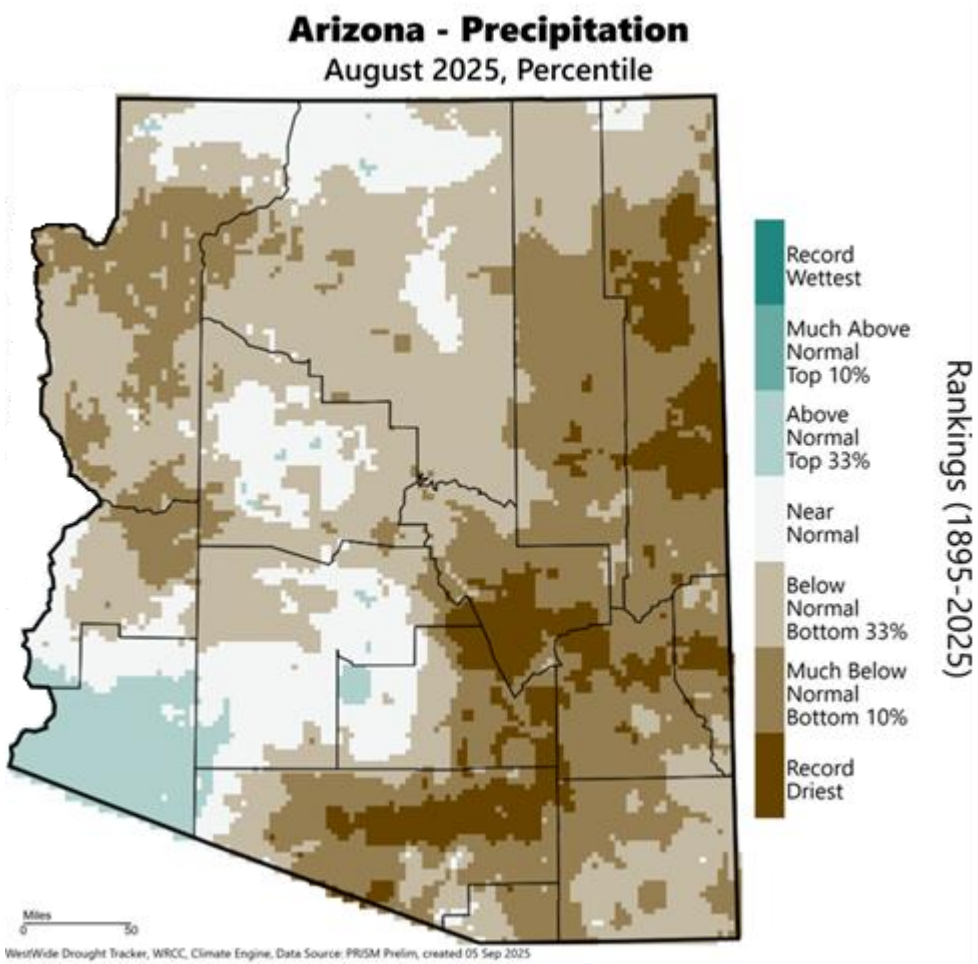
Hottest August (statewide)? 2020

Flagstaff 3rd hottest August
Phoenix 5th hottest August
Tucson 2nd hottest August

Preliminary data from NOAA/NCEI as of 9/11/25

August 2025: mostly dry

Total: 1.20” Rank: 16th driest Anomaly: -0.84”



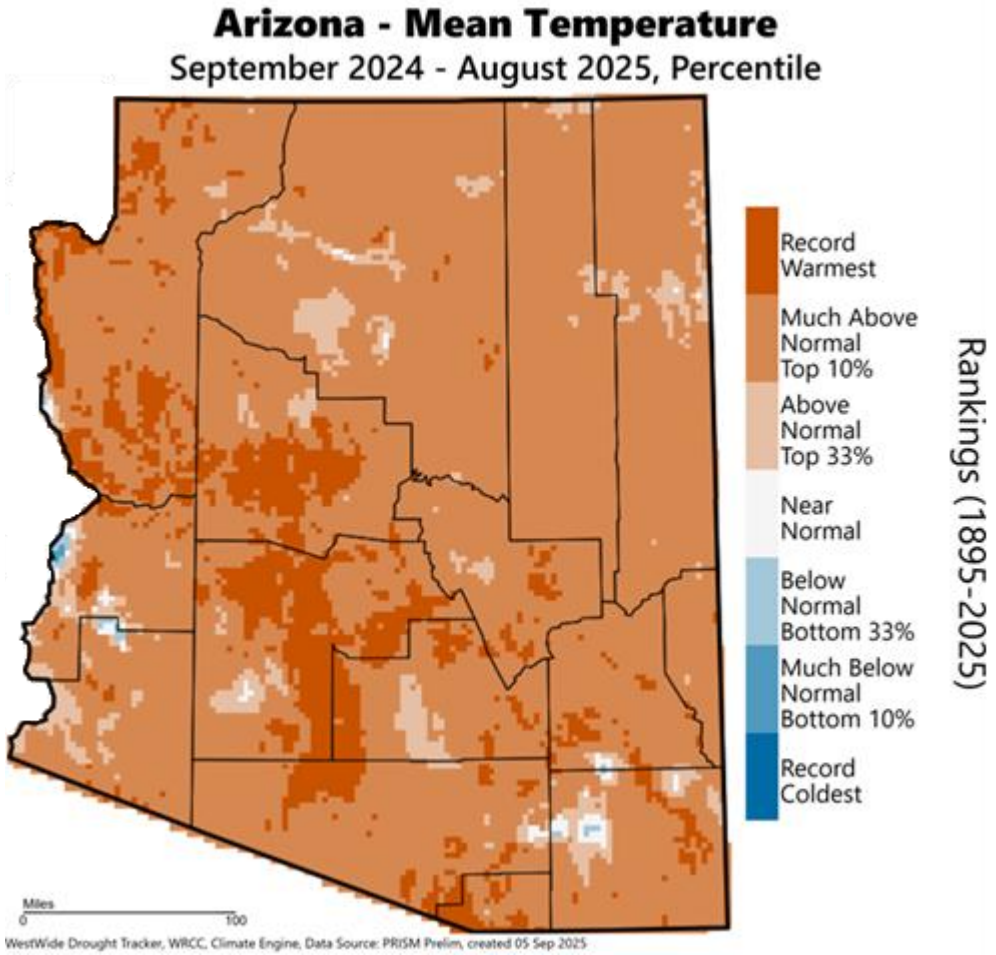
Driest August (statewide)? 2020

Preliminary data from NOAA/NCEI as of 9/11/25

Hottest Sep-Aug? Sep 2017 – Aug 2018

Last 12 months: very warm

Temp: 62.7°F Rank: 3rd hottest Anomaly: +2.9°F



Monthly Average Temperature
September 2024 – August 2025

Preliminary data from NOAA/NCEI as of 9/9/25

Month	Rank
September 2024	Hottest
October 2024	Hottest
November 2024	43rd coldest (tie)
December 2024	Hottest
January 2025	43rd coldest
February 2025	2nd hottest
March 2025	31st hottest (tie)
April 2025	38th hottest (tie)
May 2025	30th hottest (tie)
June 2025	17th hottest
July 2025	24th hottest (tie)
August 2025	2nd hottest

Record coldest	Top 10% coldest	Top 33% coldest	Normal	Top 33% hottest	Top 10% hottest	Record hottest

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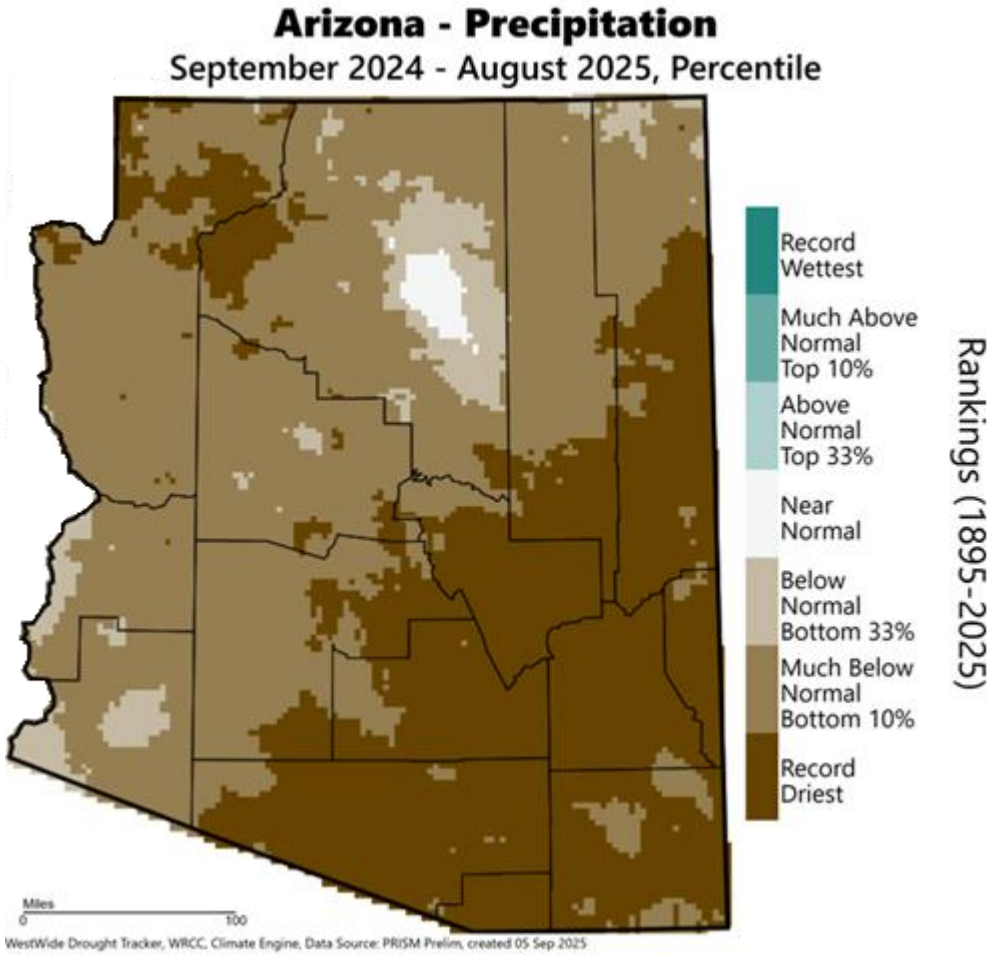
Driest Sep-Aug? Sep 2001 – Aug 2002

Last 12 months: very dry

Total: 5.72” Rank: 2nd driest Anomaly: -6.49”



Monthly Precipitation
September 2024 – August 2025

Preliminary data from NOAA/NCEI as of 9/9/25

Month	Rank
September 2024	15th driest
October 2024	43rd driest (tie)
November 2024	39th driest (tie)
December 2024	2nd driest
January 2025	5th driest
February 2025	20th driest
March 2025	57th wettest
April 2025	57th driest
May 2025	38th wettest
June 2025	20th wettest (tie)
July 2025	14th driest
August 2025	16th driest

Record driest	Top 10% driest	Top 33% driest	Normal	Top 33% wettest	Top 10% wettest	Record wettest

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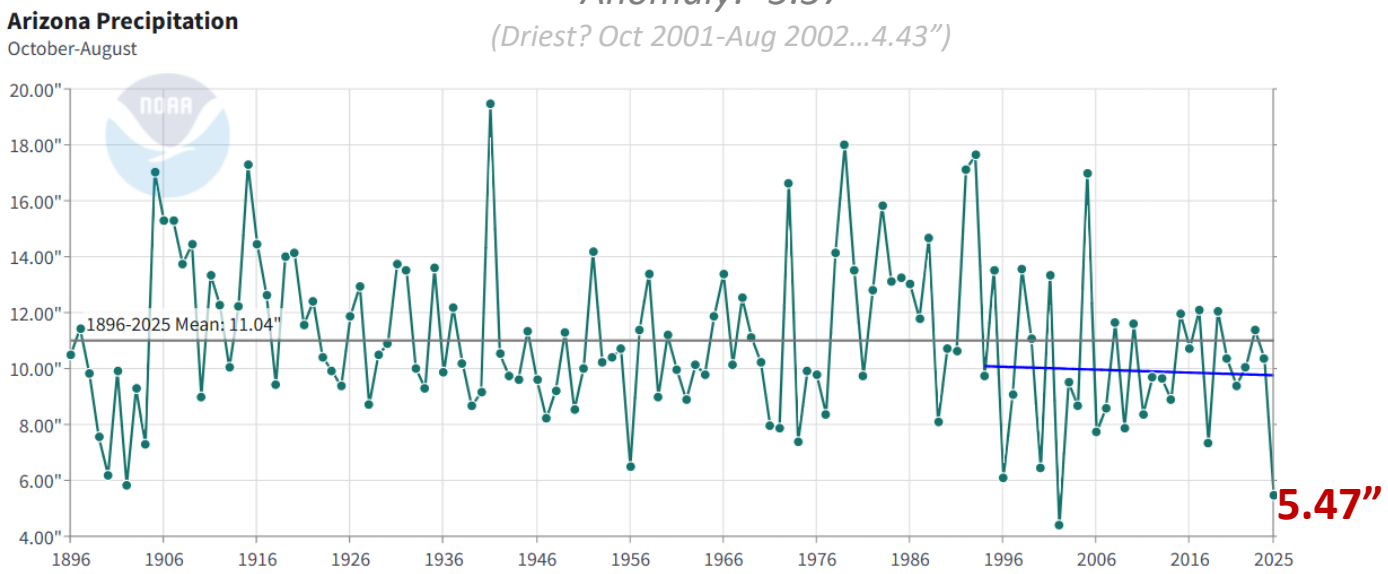
WY2025 to date: 50% of long-term precipitation

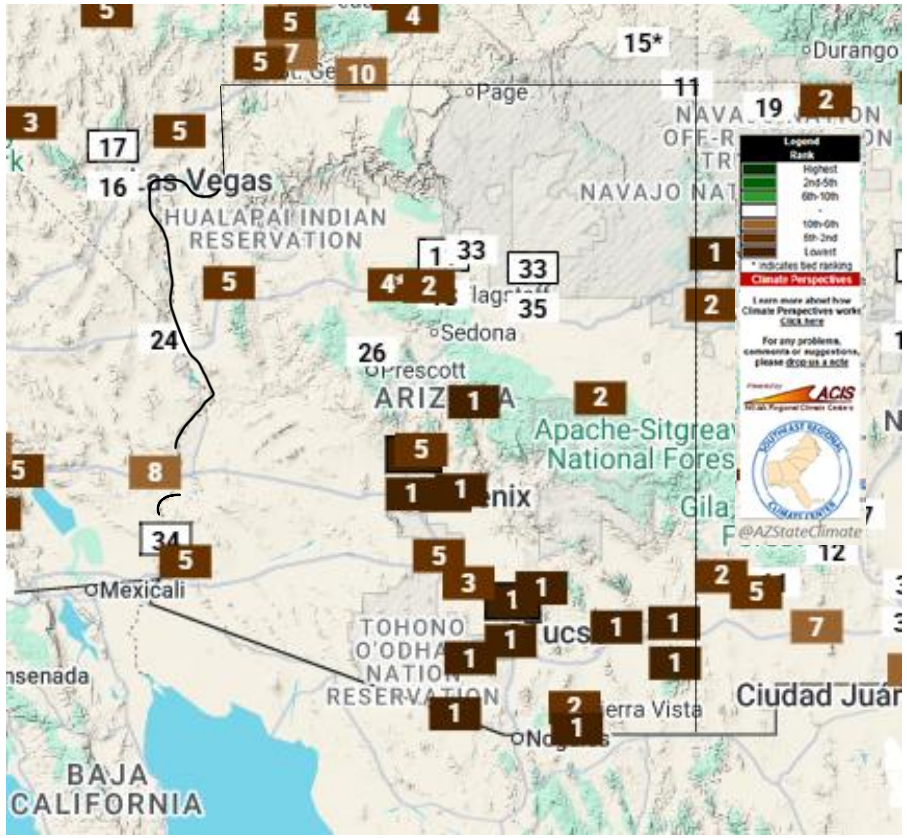
***WY2025 Oct-Aug**:*
Total: 5.47”
Rank: 2nd driest
Anomaly: -5.57”
(Driest? Oct 2001-Aug 2002…4.43”)



Long-term average Oct-Aug: 11.04”
1994-2025 average Oct-Aug: 9.94”

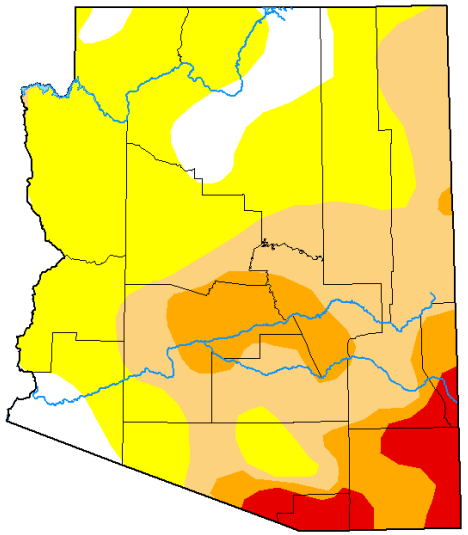
Preliminary data from NOAA/NCEI as of 9/15/25

Total Precipitation Ranking (preliminary)
October 1, 2024 to August 31, 2025

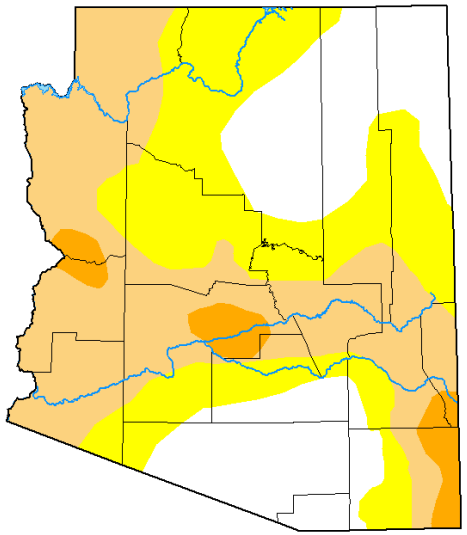


The 2 statistically driest months of the year (May and June) were the only 2 months with above average precipitation so far (WY2025 to date).

Short-term drought degraded with dry monsoon



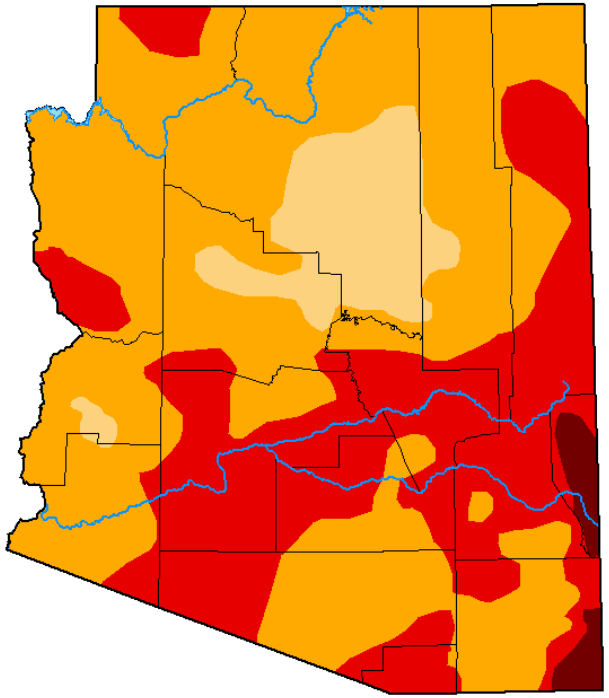
September 19, 2023
Very wet winter 2023
then dry monsoon



September 17, 2024
Wet winter 2024
then dry monsoon

U.S. Drought Monitor

Arizona



September 16, 2025
(Released Thursday, Sep. 18, 2025)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0	D1	D2	D3	D4
Current	0.00	0.00	9.04	56.75	32.39	1.82
Last Week 09-09-2025	0.00	0.00	9.04	55.23	33.75	1.98
3 Months Ago 06-17-2025	0.00	2.67	19.49	31.05	45.09	1.70
Start of Calendar Year 01-07-2025	3.74	19.63	31.09	31.50	14.03	0.00
Start of Water Year 10-01-2024	27.62	32.48	35.29	4.61	0.00	0.00
One Year Ago 09-17-2024	27.62	32.48	35.29	4.61	0.00	0.00

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to https://droughtmonitor.unl.edu/About.aspx

Author:
Adam Allgood
NOAA/NWS/NCEP/CPC

droughtmonitor.unl.edu

Dry 2024 Summer, Fall, 2025 Winter
May, early June precipitation helped slightly improve,
then dry monsoon 2025

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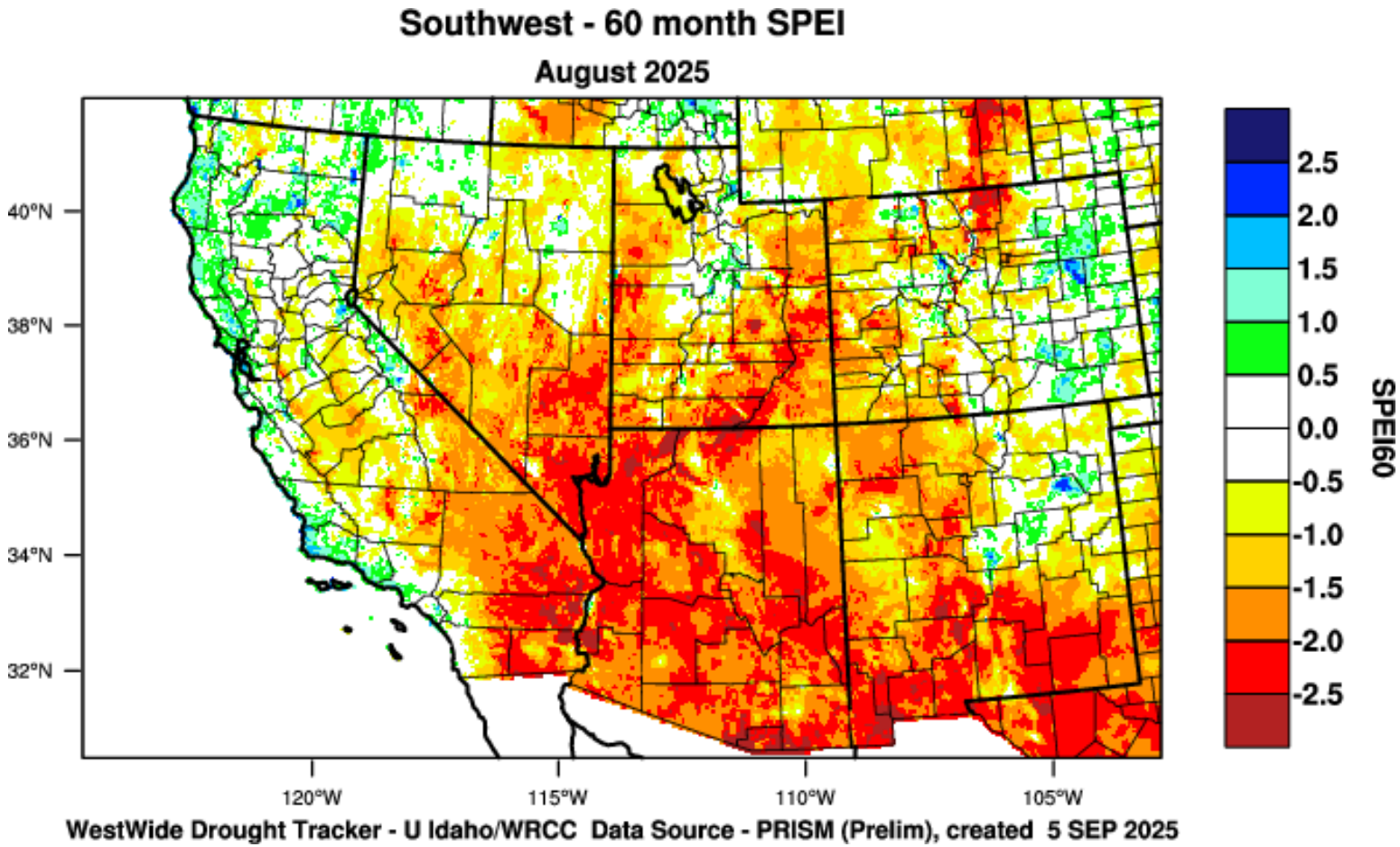
Long-term deficits across Arizona and Southwest



Preliminary data from NOAA/NCEI as of 9/10/25

Arizona
Sep 2020 to Aug 2025
6th hottest (tie)

Record coldest	Top 10% coldest	Top 33% coldest	Normal	Top 33% hottest	Top 10% hottest	Record hottest

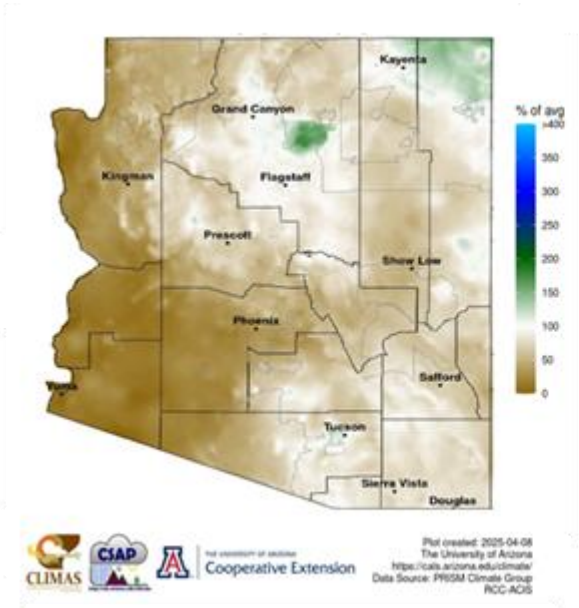
Preliminary data from NOAA/NCEI as of 9/10/25

Arizona
Sep 2020 to Aug 2025
7th driest

Record driest	Top 10% driest	Top 33% driest	Normal	Top 33% wettest	Top 10% wettest	Record wettest

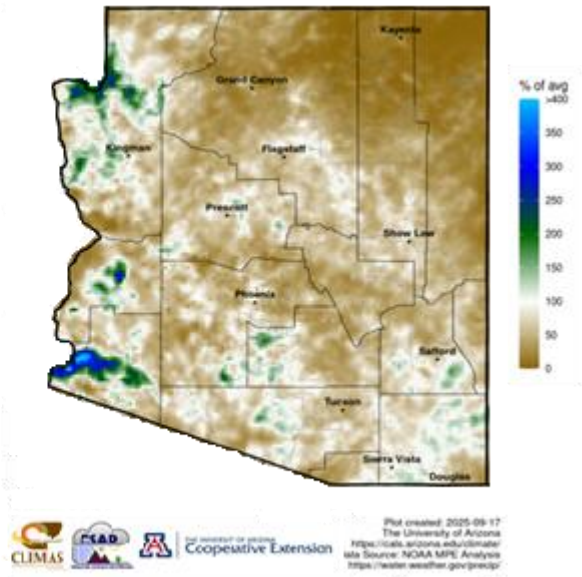
2024

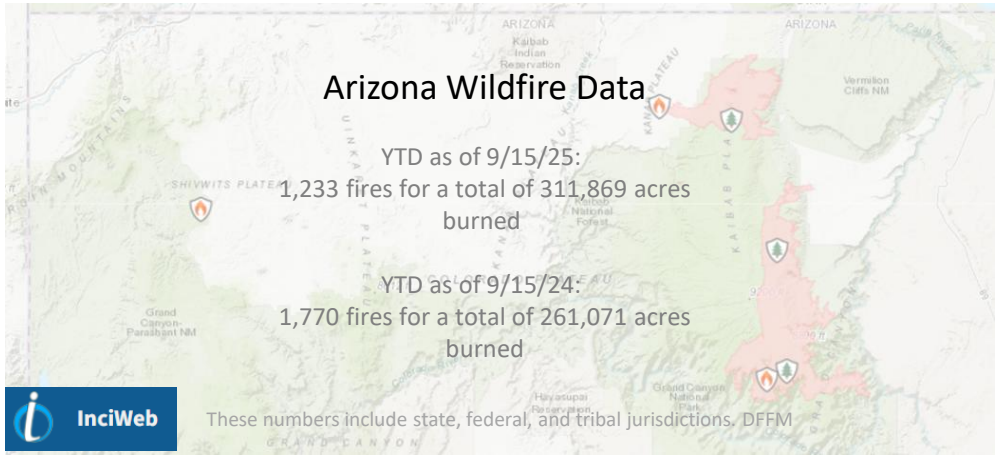
Percent of Average Precipitation (%)
6/15/2024 – 9/30/2024



2025

Percent of Average Precipitation (%)
6/15/2025 – 9/16/2025





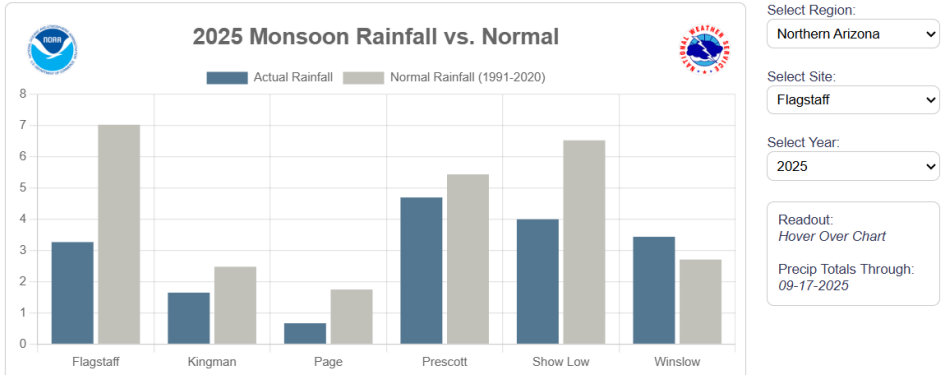
Arizona Wildfire Data

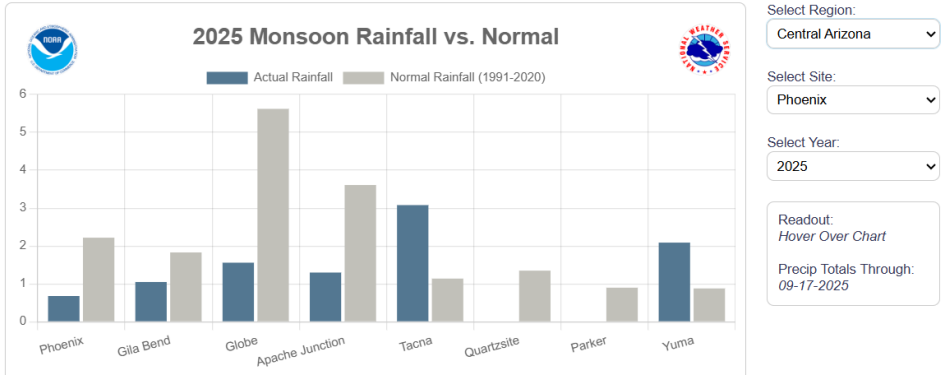
YTD as of 9/15/25:
1,233 fires for a total of 311,869 acres burned

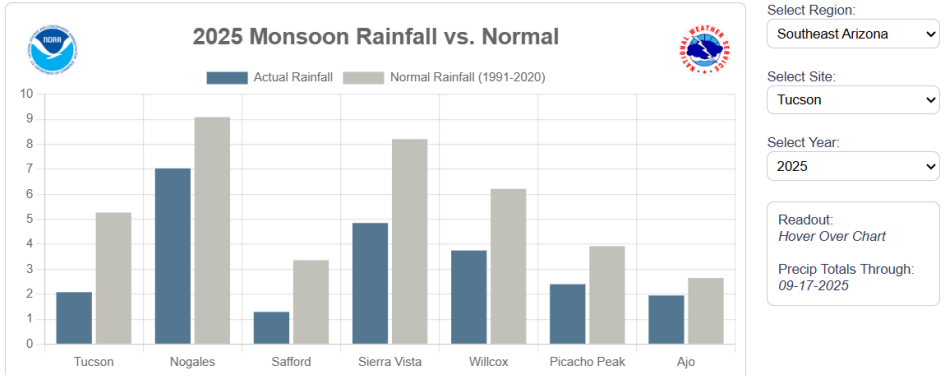
YTD as of 9/15/24:
1,770 fires for a total of 261,071 acres burned

InciWeb

These numbers include state, federal, and tribal jurisdictions. DFFM



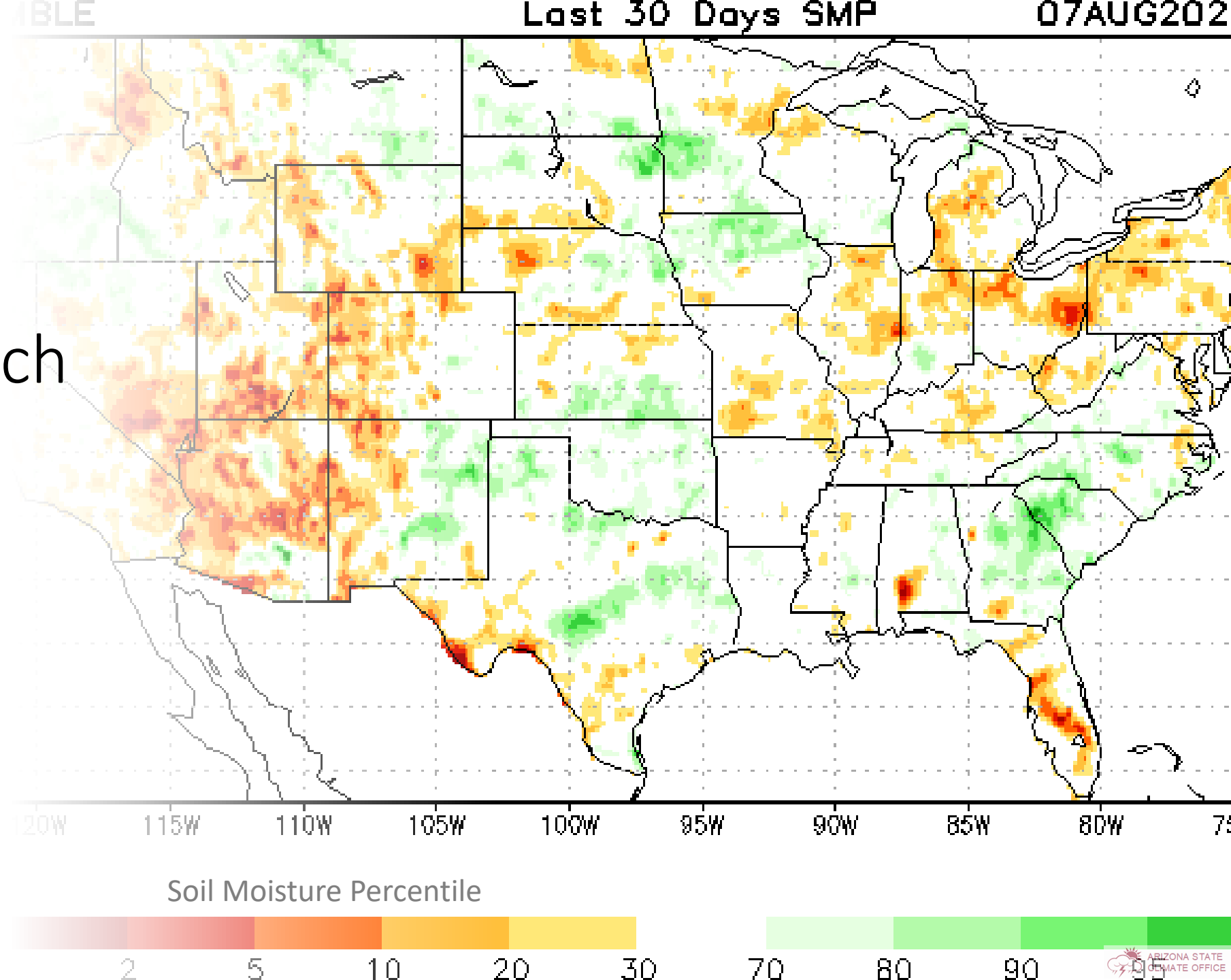




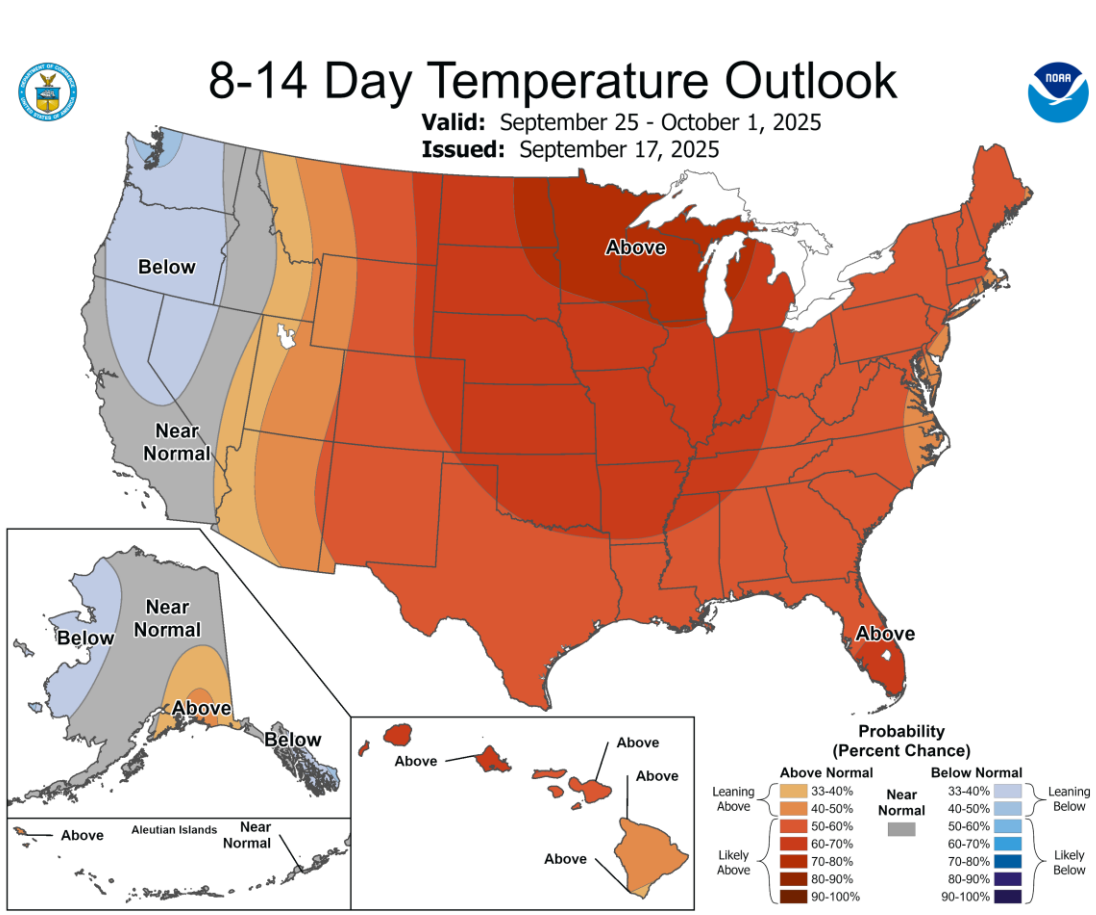
weather.gov/twc/monsoon

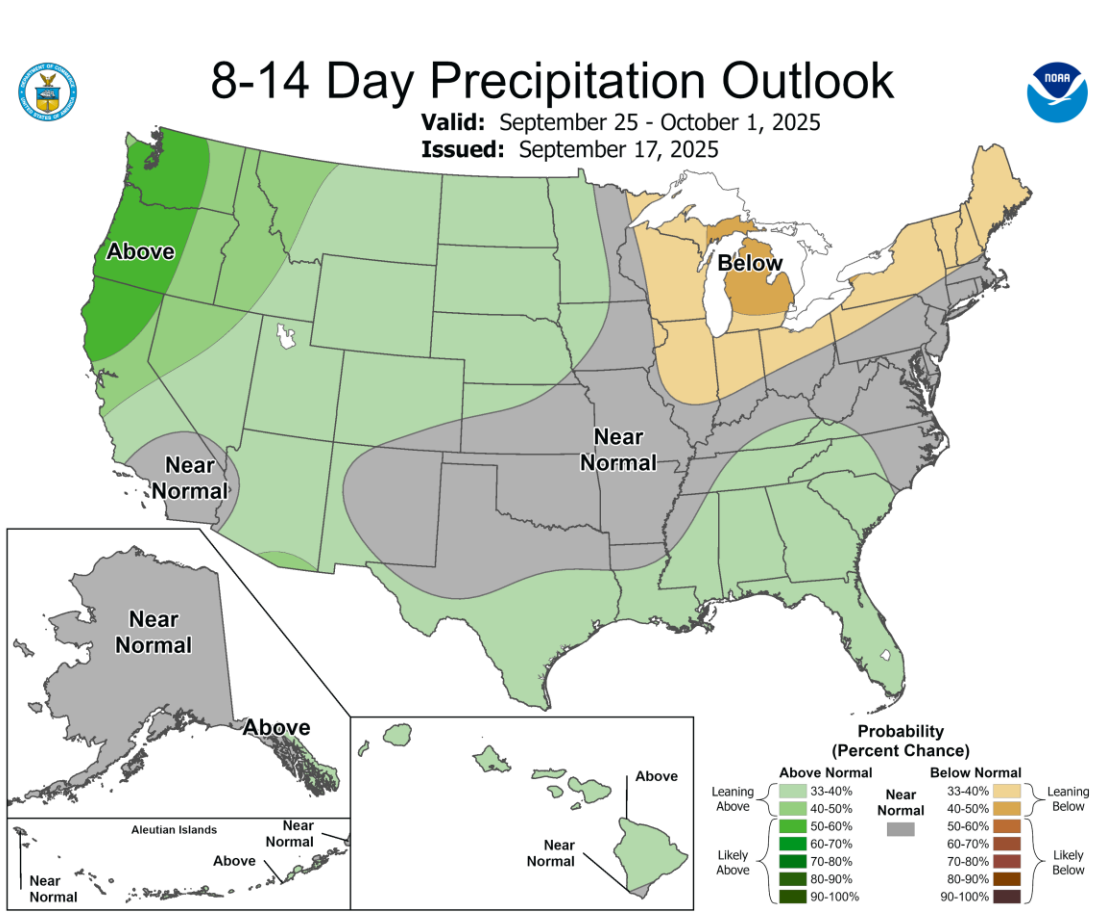
Precipitation totals through 9/17/2025

The monsoon supports soil moisture, which affects runoff efficiencies in winter



Troughing anticipated across the West





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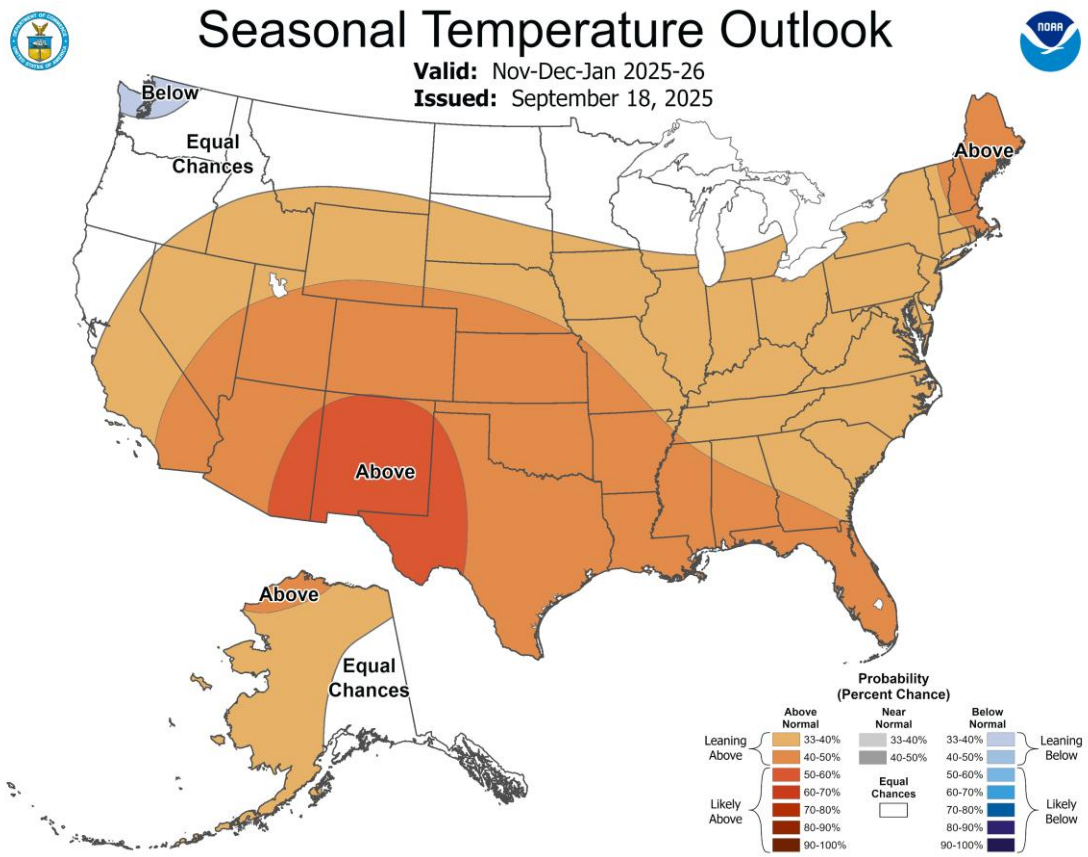
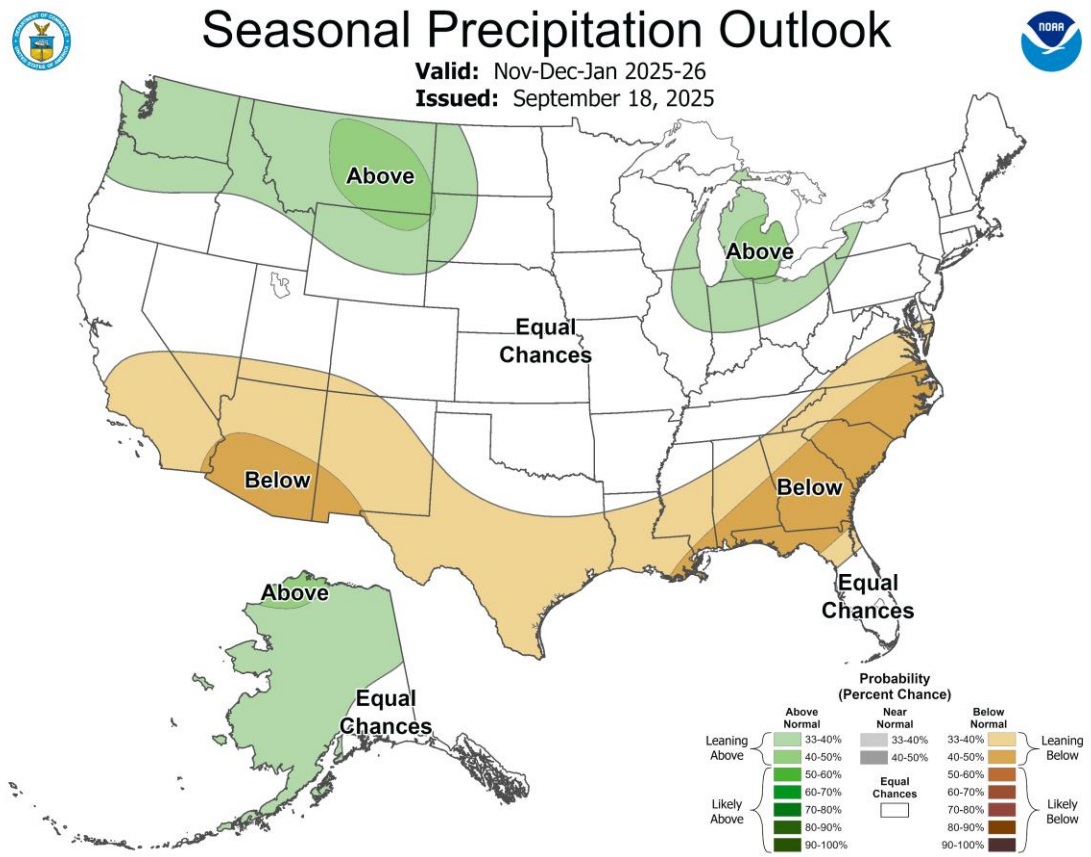
October Outlook: Equal chances (means 33% chance either wet, dry, or normal)





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La Nina this winter??? Briefly possible…

71% chance of La Nina (Oct-Dec)
33-50% chance of drier winter (Dec-Mar)

Preliminary data from NOAA/CPC as of 9/15/25

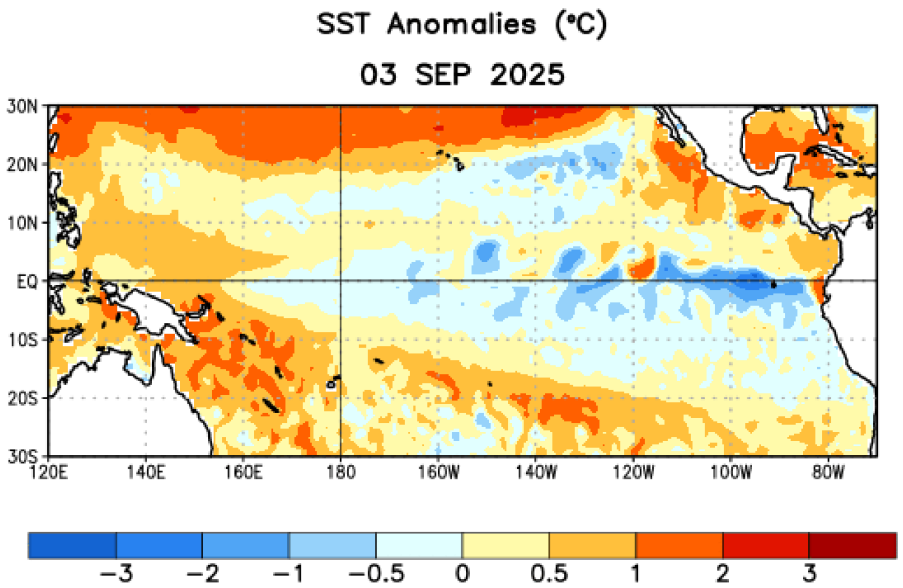

Figure 1. Average sea surface temperature (SST) anomalies (°C) for the week centered on 3 September 2025. Anomalies are computed with respect to the 1991-2020 base period weekly means.

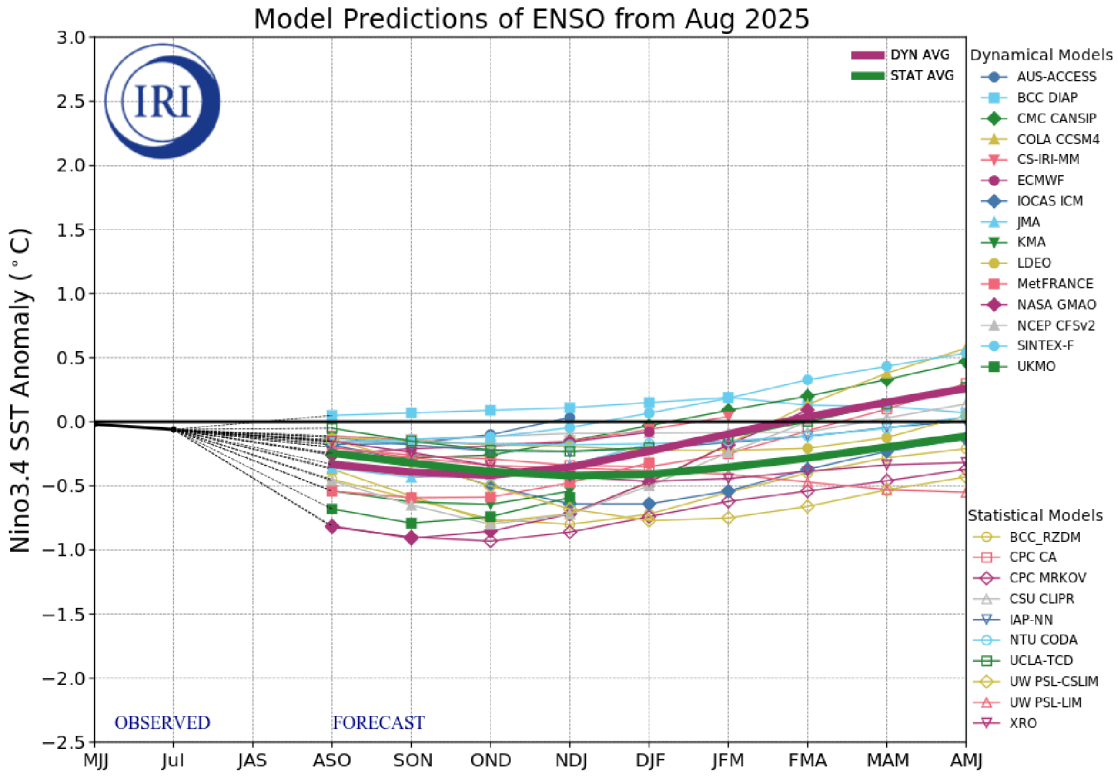

Figure 6. Forecasts of sea surface temperature (SST) anomalies for the Niño 3.4 region (5°N-5°S, 120°W-170°W). Figure updated 19 August 2025 by the International Research Institute (IRI) for Climate and Society.

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