

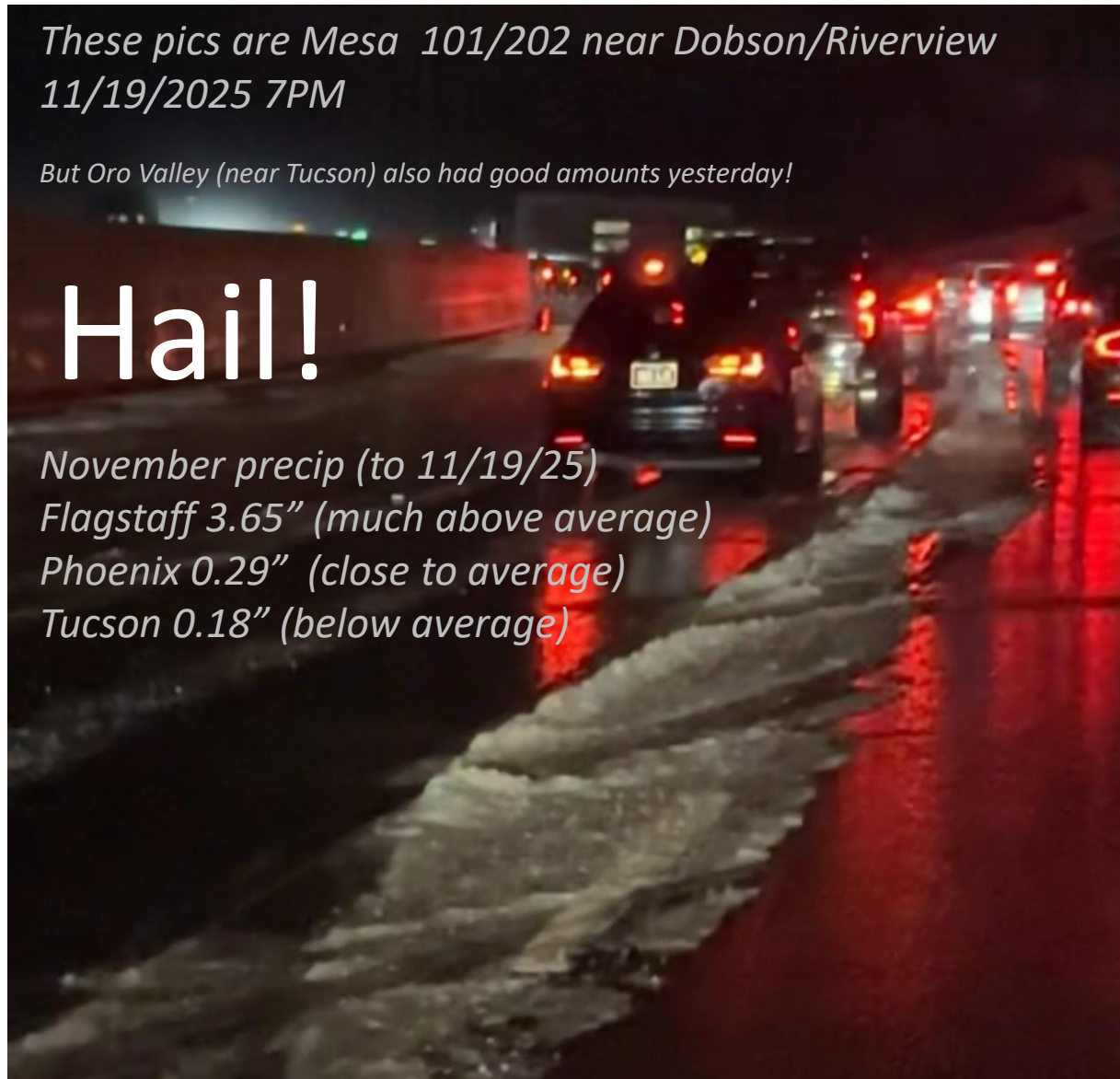


*These pics are Mesa 101/202 near Dobson/Riverview
11/19/2025 7PM*

But Oro Valley (near Tucson) also had good amounts yesterday!

Hail!

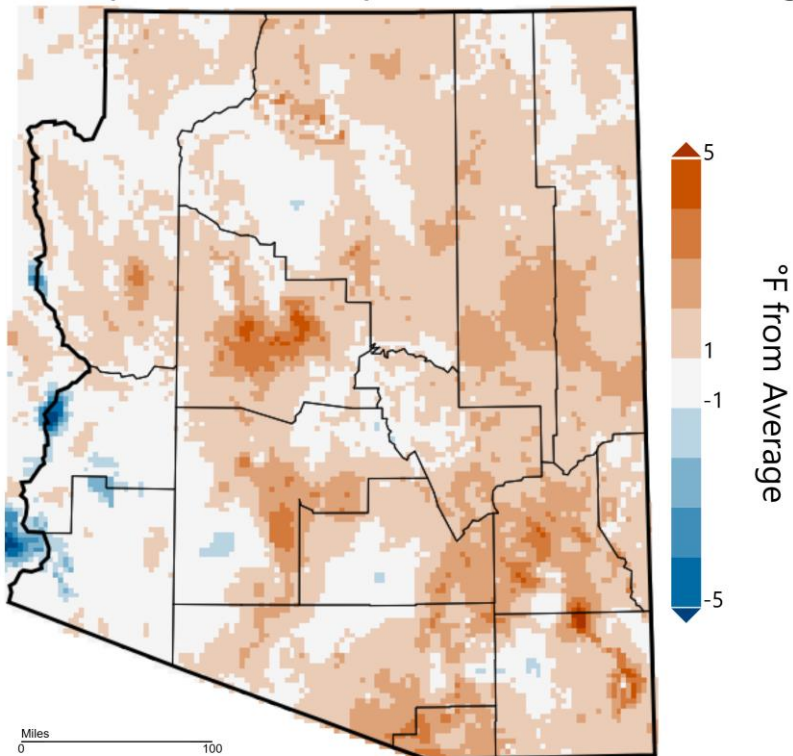
*November precip (to 11/19/25)
Flagstaff 3.65" (much above average)
Phoenix 0.29" (close to average)
Tucson 0.18" (below average)*



June to September 2025: warm and mostly dry

Arizona - Mean Temperature

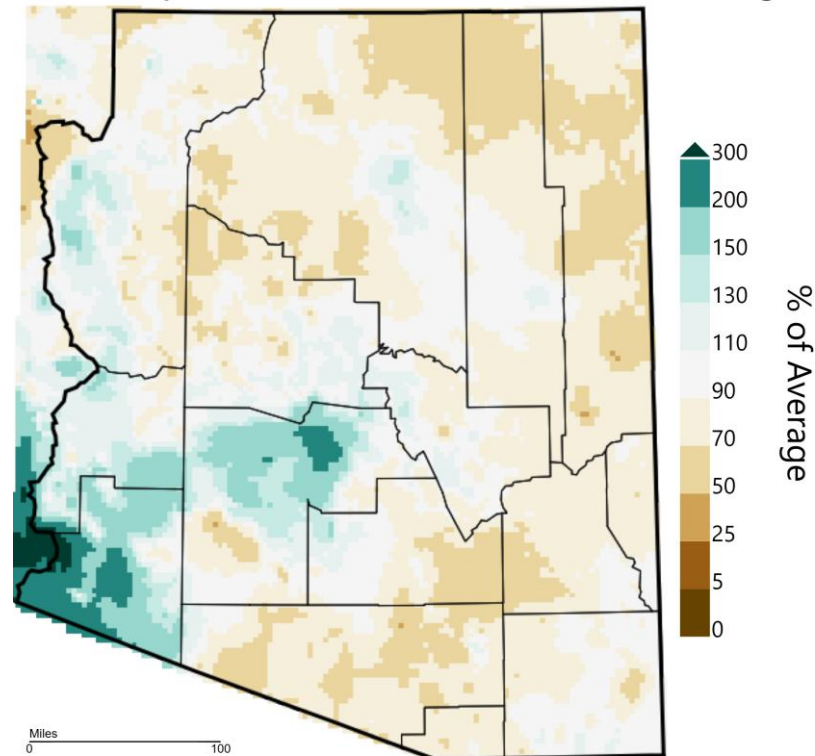
June - September 2025, Departure from 1991-2020 Average



WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Prelim, created 07 Oct 2025

Arizona - Precipitation

June - September 2025, Percent of 1991-2020 Average



WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Prelim, created 07 Oct 2025

Year	Winter (prev Dec-Mar)	Summer (Jun-Sep)
2016	Dry (El Nino)	Wet
2017	Wet (Neutral)	Dry
2018	Dry (La Nina)	Wet
2019	Wet (El Nino)	Dry
2020	Wet (Neutral)	Dry
2021	Dry (La Nina)	Wet
2022	Dry (La Nina)	Wet
2023	Wet (La Nina)	Dry
2024	Wet (El Nino)	Dry
2025	Dry (La Nina)	below...TBD

Wet or Dry based on above or below long-term average

@AZStateClimate

Statewide seasonal precipitation compared to the long-term average

AZ had an early outlook to the October 9-13 event (more than 8 days advance)

October 2025 (total monthly precip)

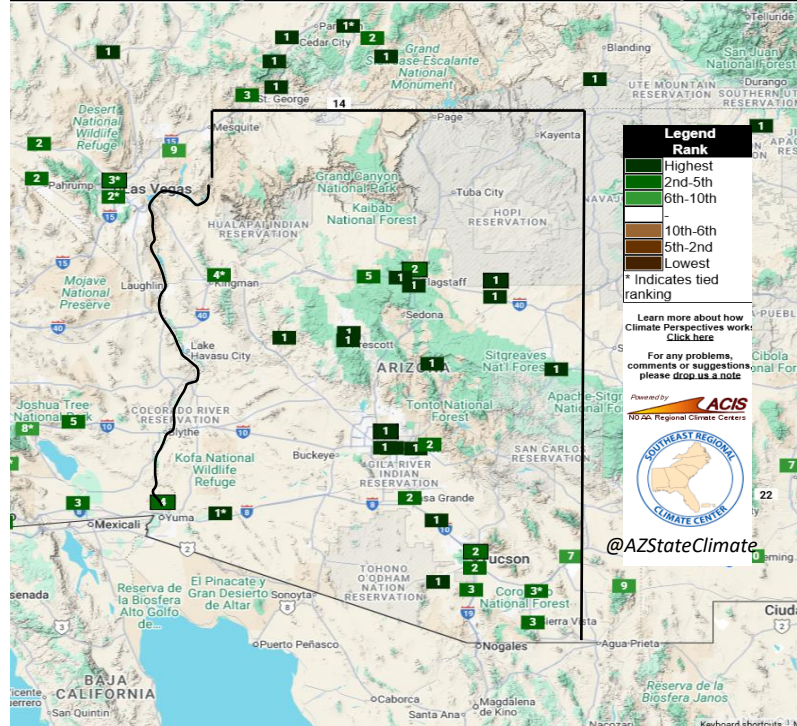
Flagstaff 15th wettest Oct (3.63")

Phoenix 3rd wettest Oct (3.26")

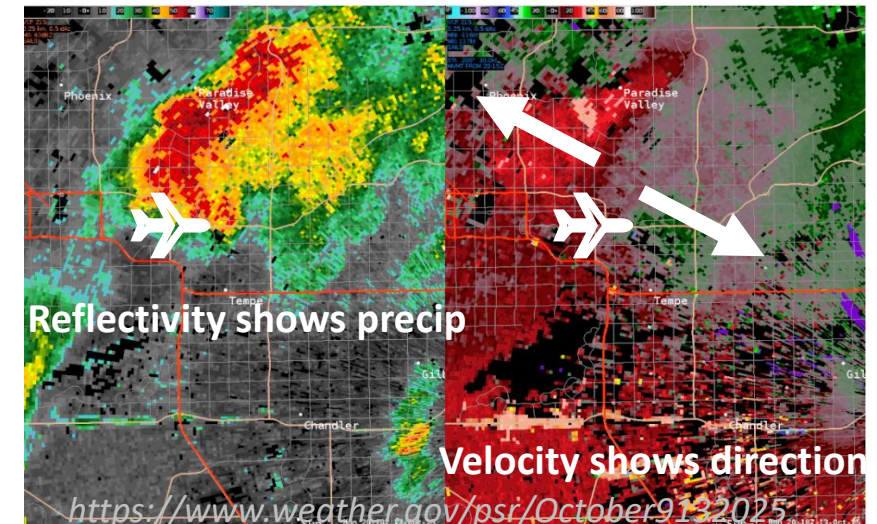
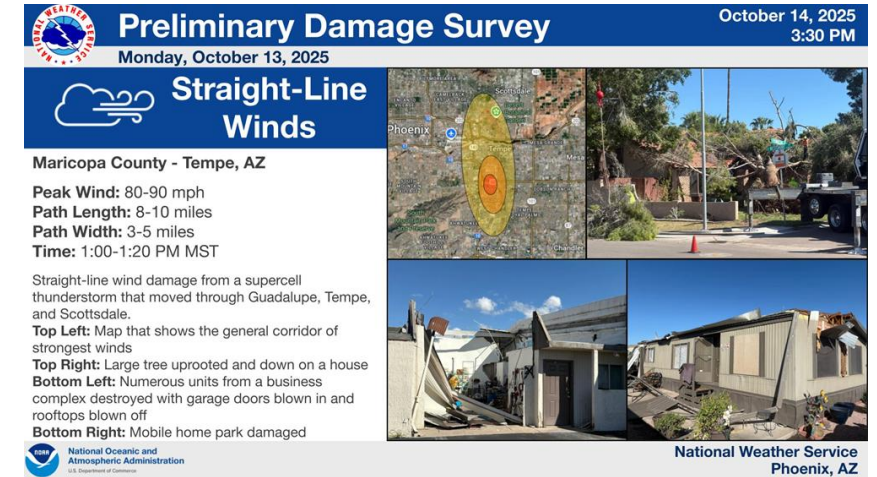
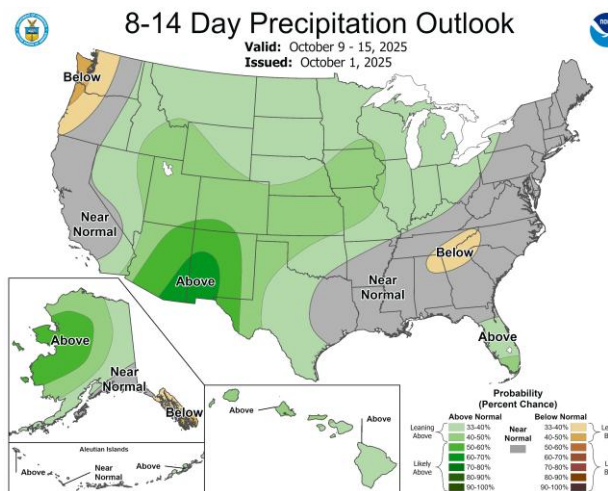
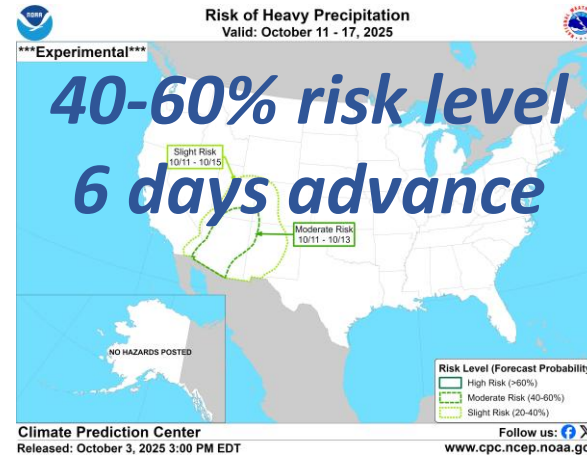
Tucson 15th wettest Oct (1.88")

Preliminary data from NOAA/NCEI as of 11/17/25

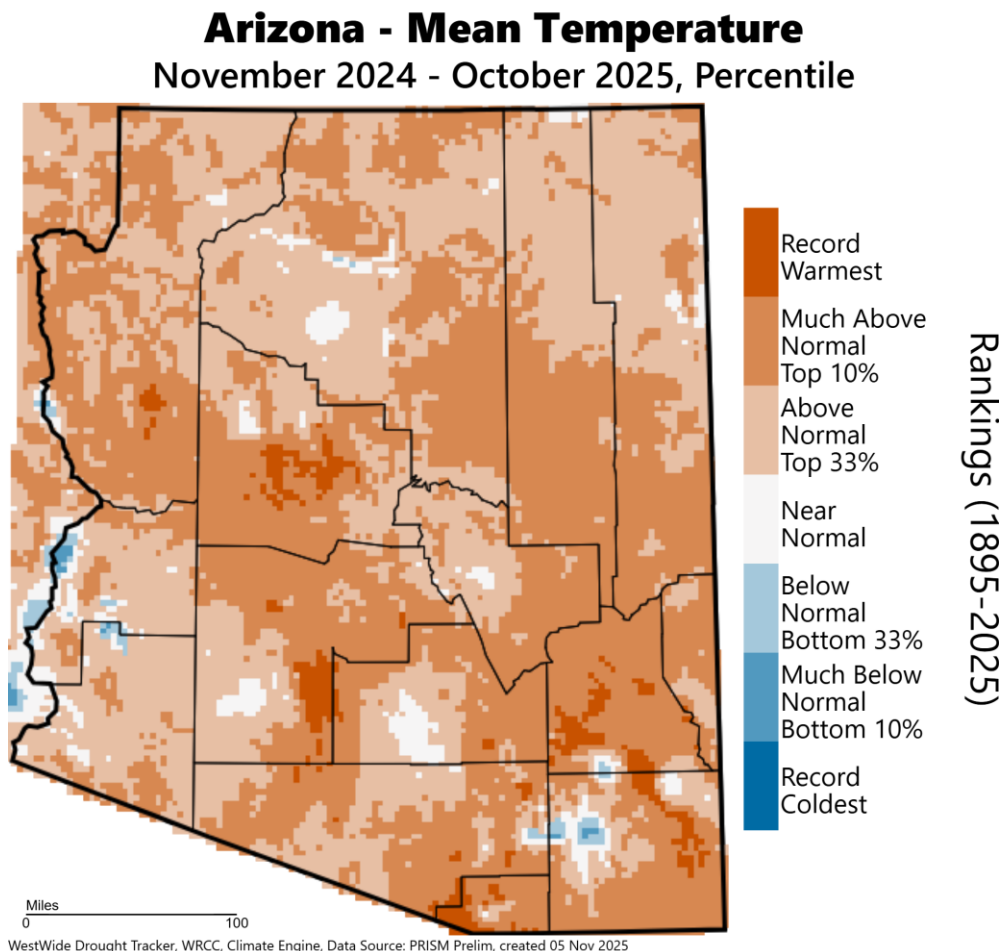
Observed Total Precipitation for Oct 9 2025 to Oct 15 2025 (465 stations)



Wettest Oct 9-15 at many weather stations

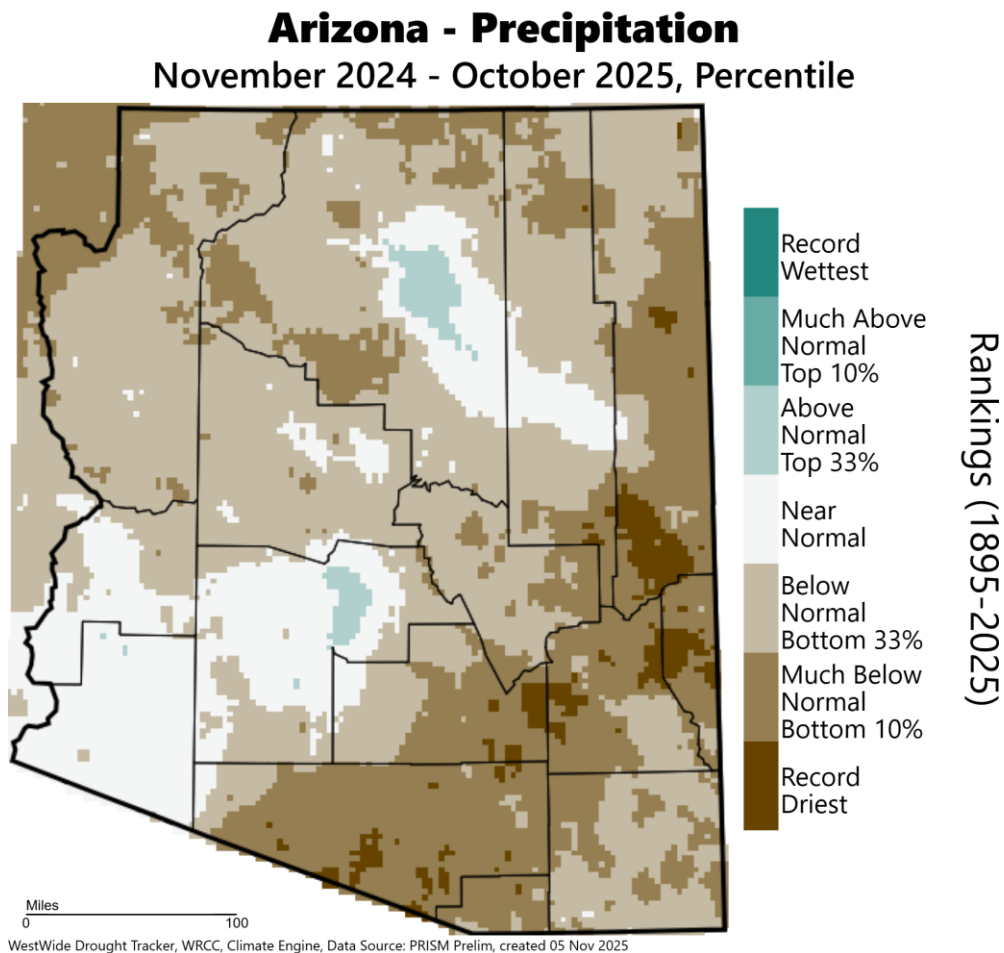


November 2024 to October 2025



Monthly Average Temperature November 2024 – October 2025						
Preliminary data from NOAA/NCEI as of 11/17/25						
Month	Rank					
November 2024	43 rd coldest (tie)					
December 2024	Hottest					
January 2025	43 rd coldest					
February 2025	2 nd hottest					
March 2025	31 st hottest (tie)					
April 2025	38 th hottest (tie)					
May 2025	30 th hottest (tie)					
June 2025	17 th hottest					
July 2025	24 th hottest (tie)					
August 2025	2 nd hottest					
September 2025	27 th hottest					
October 2025	19 th hottest (tie)					
Record coldest	Top 10% coldest	Top 33% coldest	Normal	Top 33% hottest	Top 10% hottest	Record hottest

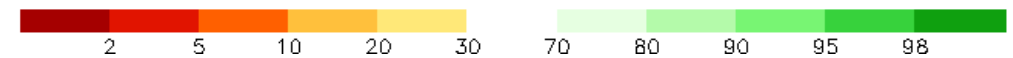
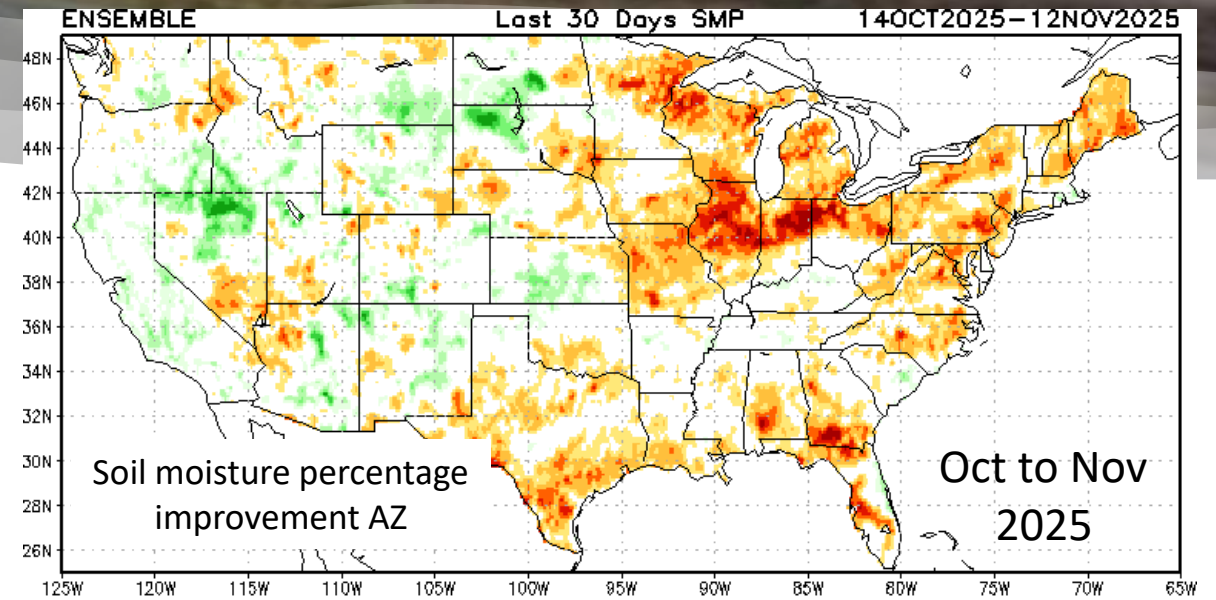
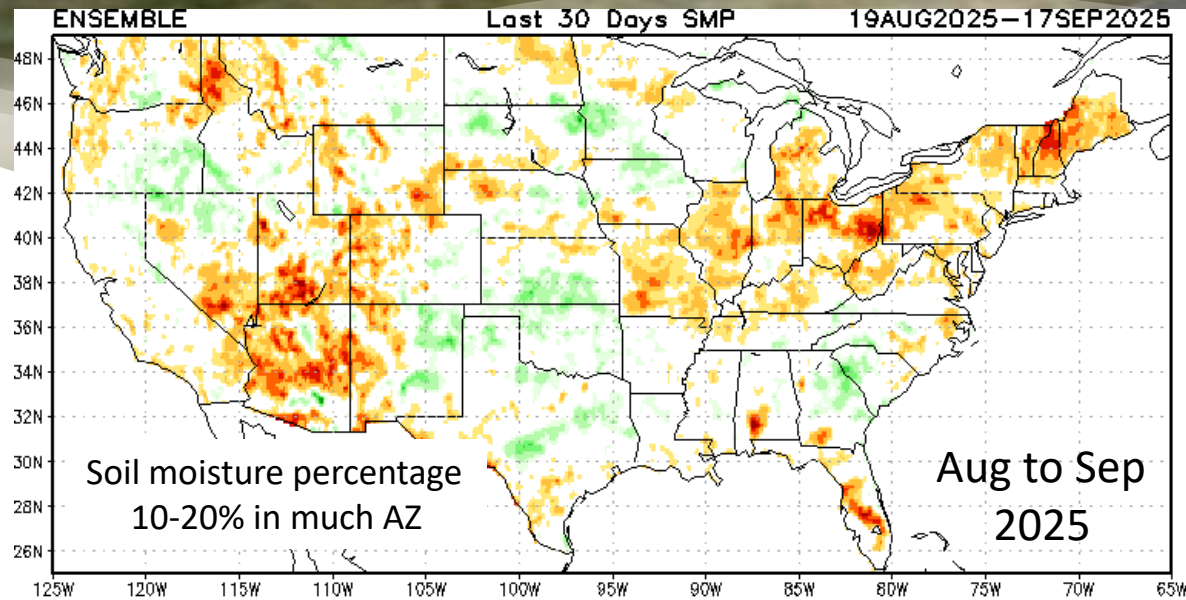
November 2024 to October 2025



Monthly Precipitation November 2024 – October 2025						
Preliminary data from NOAA/NCEI as of 11/17/25						
Month	Rank					
November 2024	39 th driest (tie)					
December 2024	2 nd driest					
January 2025	5 th driest					
February 2025	20 th driest					
March 2025	57 th wettest					
April 2025	57 th driest					
May 2025	38 th wettest					
June 2025	20 th wettest (tie)					
July 2025	14 th driest					
August 2025	16 th driest					
September 2025	20 th wettest (tie)					
October 2025	20 th wettest					
Record driest	Top 10% driest	Top 33% driest	Normal	Top 33% wettest	Top 10% wettest	Record wettest

Monsoon/Fall rain supports soil moisture, which affects winter runoff efficiency

<https://azdot.gov/adot-blog/not-all-dust-storms-are-same>



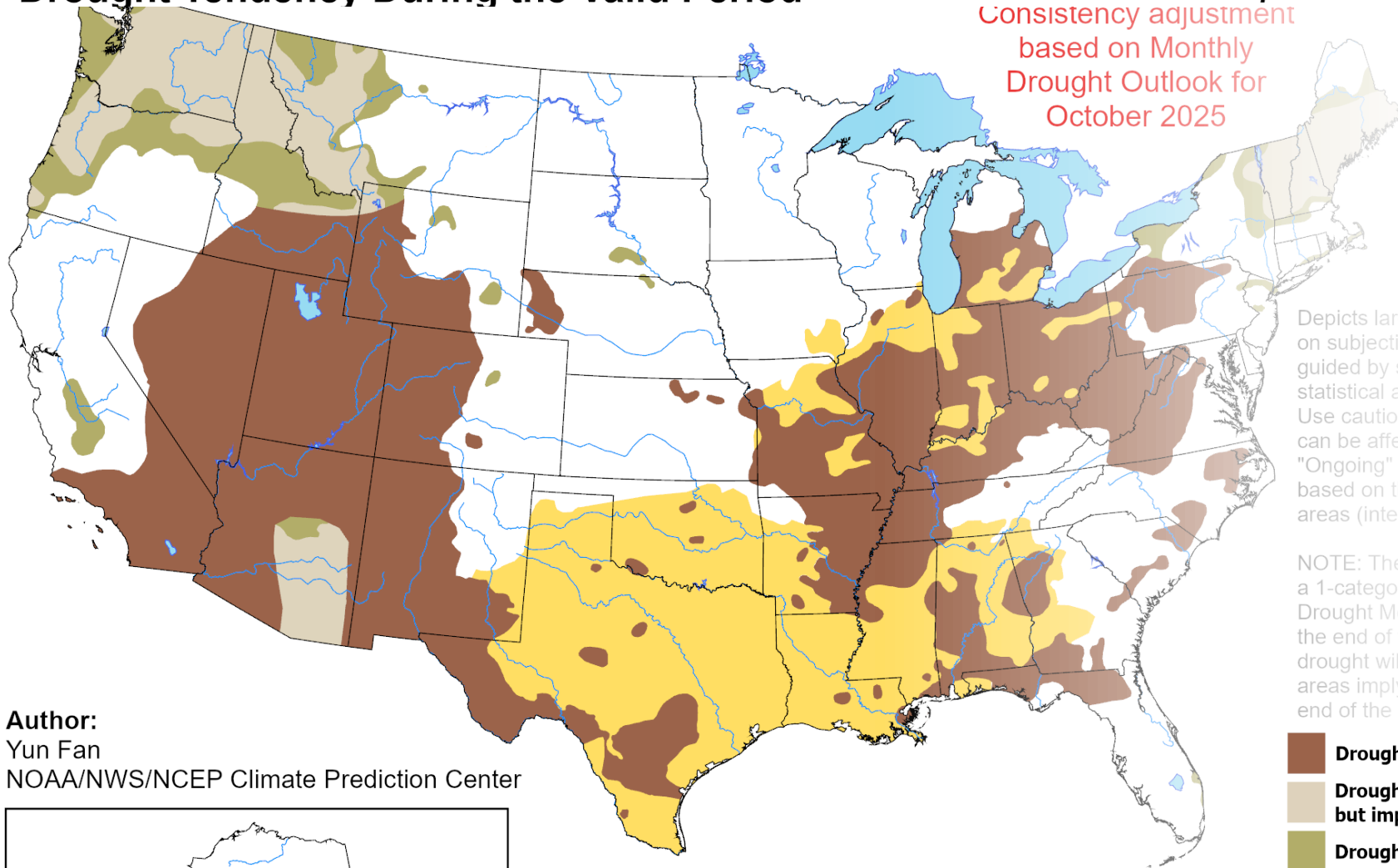
U.S. Seasonal Drought Outlook

Drought Tendency During the Valid Period

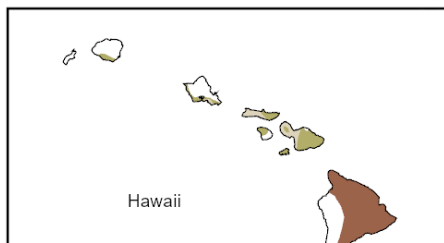
Valid for October 1 - December 31, 2025

Released September 30, 2025

Consistency adjustment
based on Monthly
Drought Outlook for
October 2025



Author:
Yun Fan
NOAA/NWS/NCEP Climate Prediction Center



Depicts large-scale
on subjectively det
guided by short- an
statistical and dyn
Use caution for app
can be affected by
"Ongoing" drought
based on the U.S.
areas (intensities)

NOTE: The tan are
a 1-category impro
Drought Monitor in
the end of the per
drought will remain
areas imply drought
end of the period

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



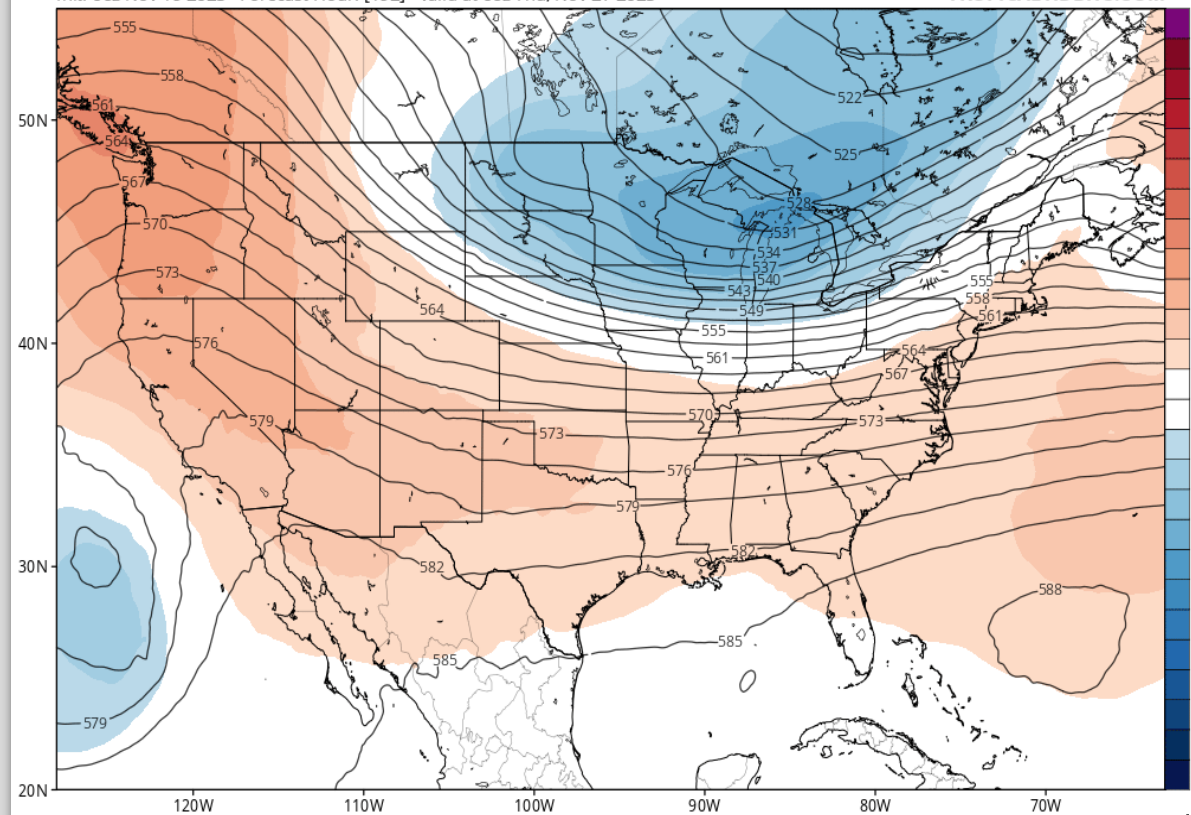
AZ drought outlook:

Expected to
mostly persist
with some
improvement

Wet Thanksgiving??

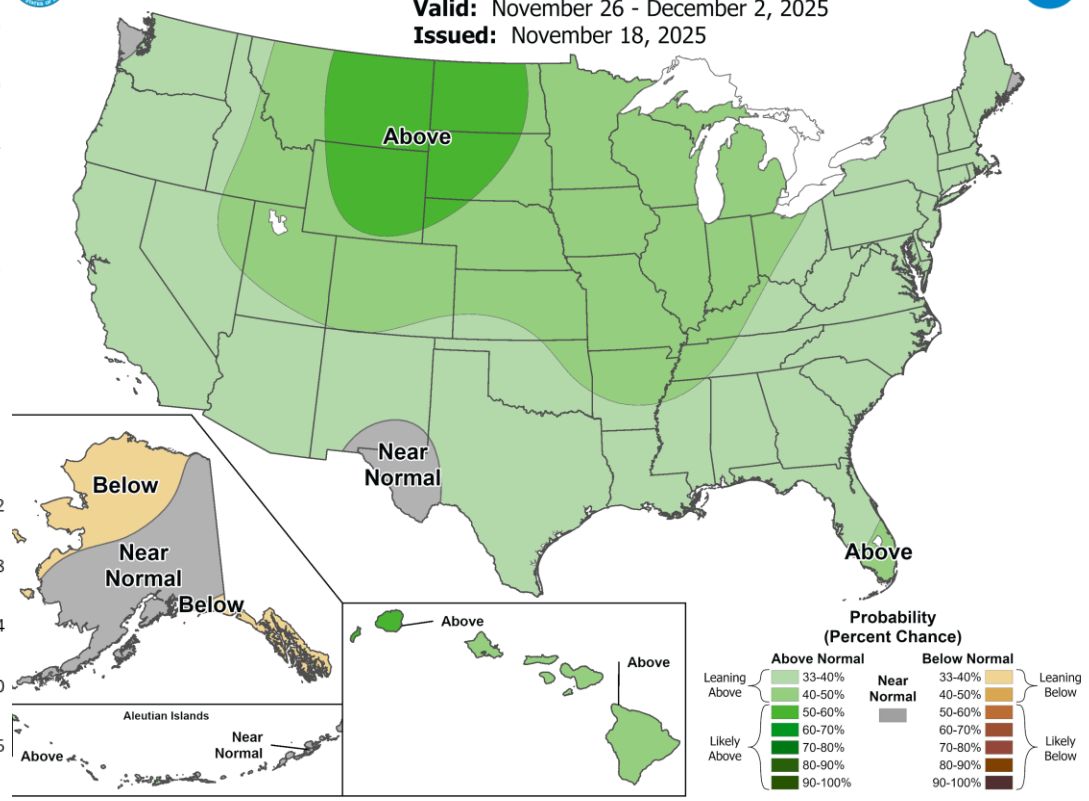
GFS 500mb Geopotential Height & Anomaly (dam) (based on CFSR 1981-2010 Climatology)
Init: 06z Nov 19 2025 Forecast Hour: [192] valid at 06z Thu, Nov 27 2025

TROPICALTIDBITS.COM



8-14 Day Precipitation Outlook

Valid: November 26 - December 2, 2025
Issued: November 18, 2025

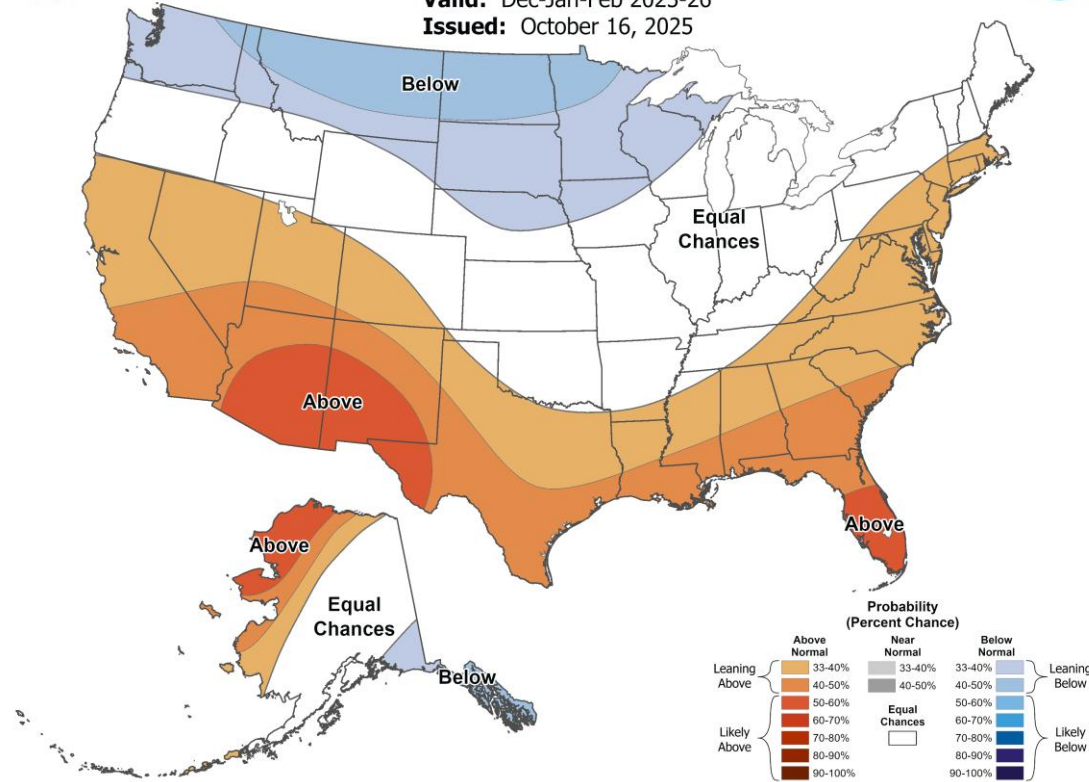




Seasonal Temperature Outlook

Valid: Dec-Jan-Feb 2025-26

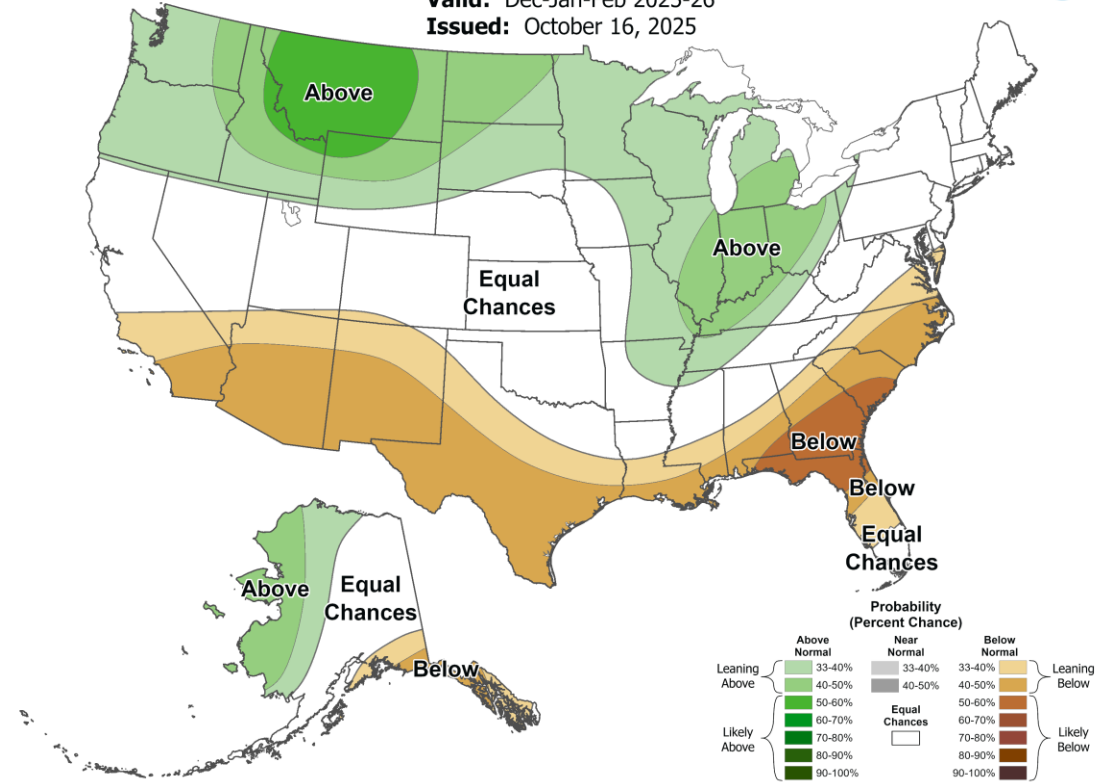
Issued: October 16, 2025



Seasonal Precipitation Outlook

Valid: Dec-Jan-Feb 2025-26

Issued: October 16, 2025



Preliminary data from NOAA/CPC as of 10/16/25

Weak La Nina expected to continue to December

61% chance transition to ENSO neutral Jan-Mar

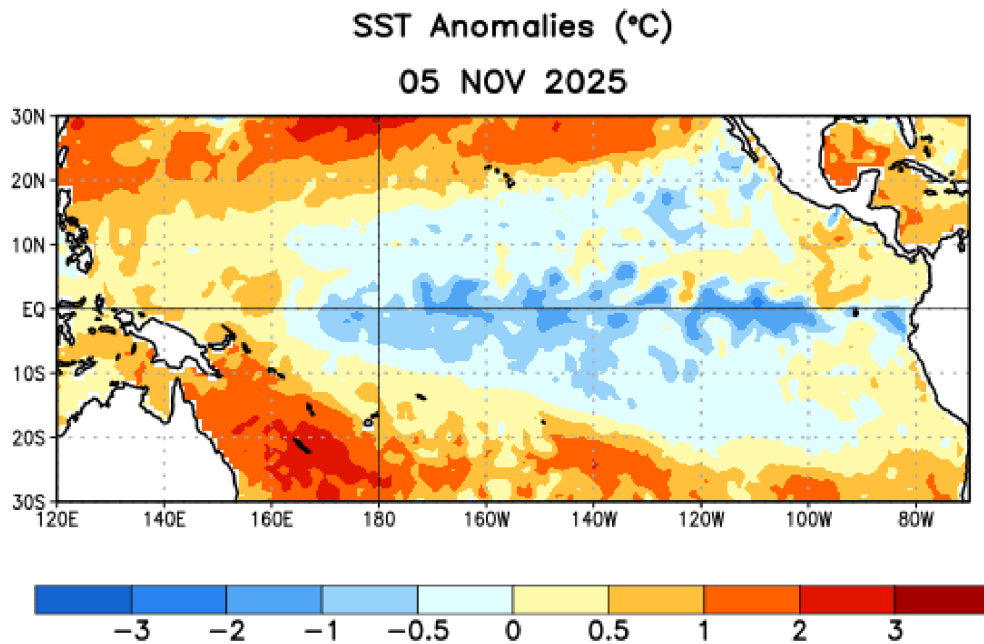


Figure 1. Average sea surface temperature (SST) anomalies (°C) for the week centered on 5 November 2025. Anomalies are computed with respect to the 1991-2020 base period weekly means.

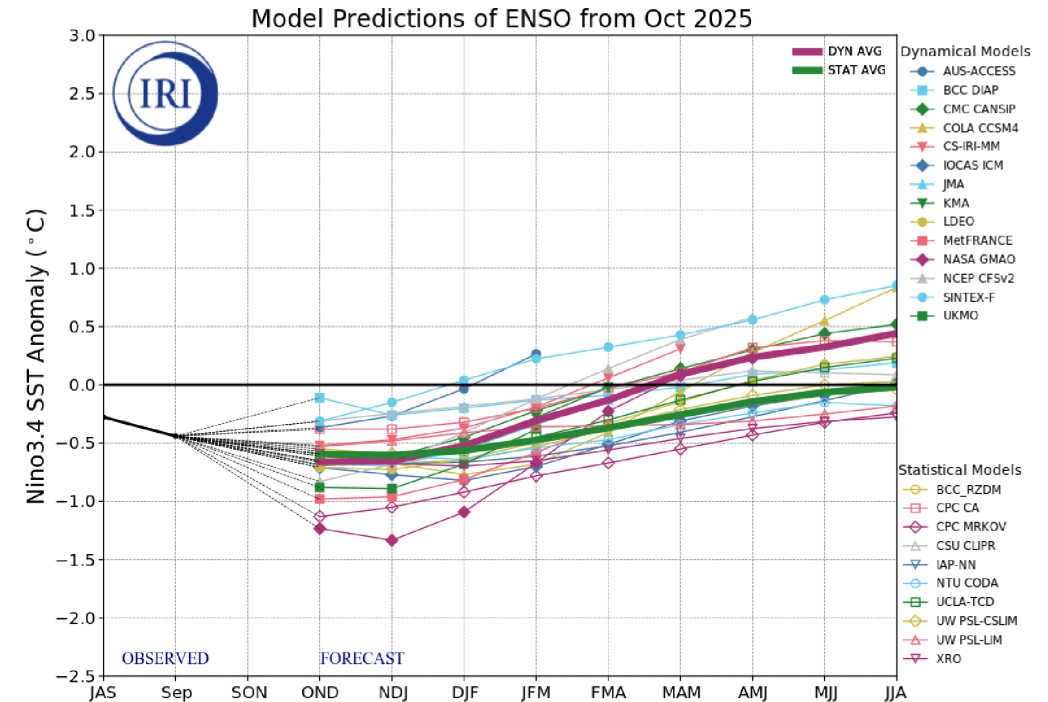


Figure 6. Forecasts of sea surface temperature (SST) anomalies for the Niño 3.4 region (5°N-5°S, 120°W-170°W). Figure updated 20 October 2025 by the International Research Institute (IRI) for Climate and Society.

Thank you!

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