



Welcome to the AZ Weather and Climate Report

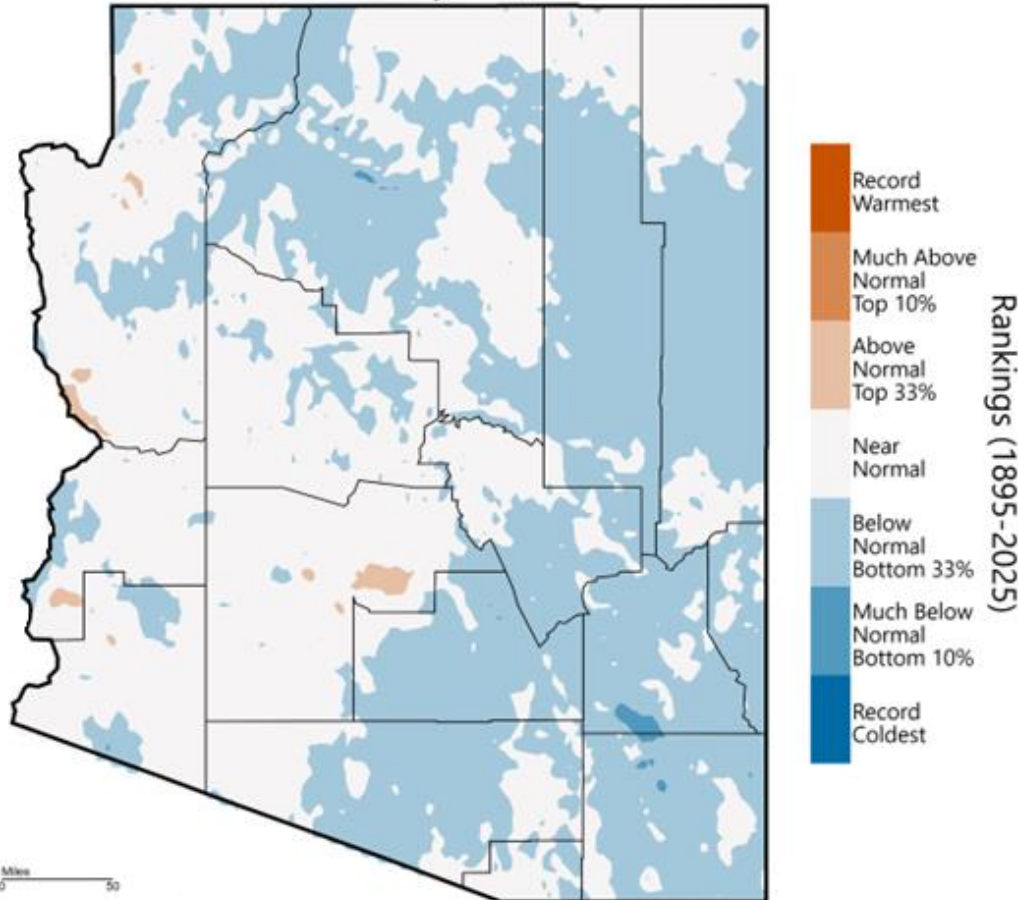
February 20, 2025

**Arizona State Climate Office**

# January 2025: cooler

Temp: 40.1°F Rank: 43<sup>rd</sup> coldest Anomaly: -1.0°F

**Arizona - Mean Temperature**  
January 2025, Percentile



WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Prelim, created 05 Feb 2025

## Monthly County Average Temperature

January 2025

*Preliminary data from NOAA/NCEI as of 2/16/25*

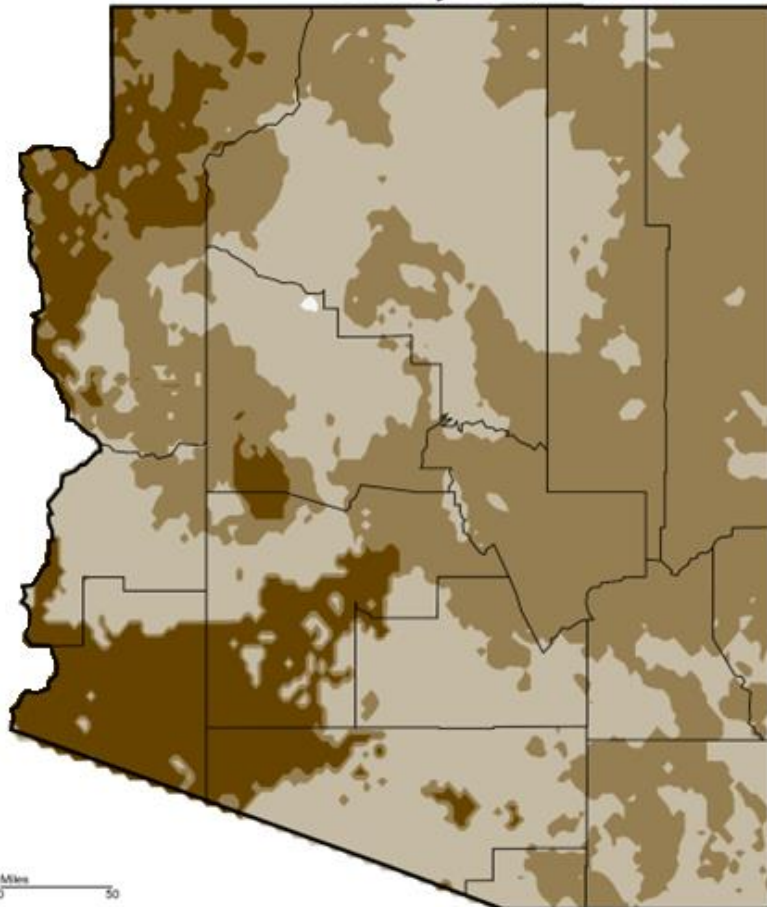
Arizona Counties	Temp	Depart	Rank
Apache	28.0°	-2.1°	39 <sup>th</sup> coldest (tie)
Cochise	41.3°	-2.5°	29 <sup>th</sup> coldest
Coconino	31.7°	-0.6°	48 <sup>th</sup> coldest (tie)
Gila	40.3°	-1.1°	43 <sup>rd</sup> coldest (tie)
Graham	41.2°	-1.7°	33 <sup>rd</sup> coldest (tie)
Greenlee	36.5°	-2.2°	27 <sup>th</sup> coldest (tie)
La Paz	52.0°	0.3°	61 <sup>st</sup> hottest (tie)
Maricopa	50.9°	-0.5°	55 <sup>th</sup> coldest (tie)
Mohave	42.5°	-0.3°	54 <sup>th</sup> coldest (tie)
Navajo	29.8°	-1.0°	45 <sup>th</sup> coldest (tie)
Pima	48.8°	-1.2°	39 <sup>th</sup> coldest
Pinal	48.9°	-1.0°	41 <sup>st</sup> coldest (tie)
Santa Cruz	42.6°	-2.1°	30 <sup>th</sup> coldest (tie)
Yavapai	40.3°	-1.1°	46 <sup>th</sup> coldest (tie)
Yuma	53.6°	0.2°	59 <sup>th</sup> hottest (tie)

Record coldest	Top 10% coldest	Top 33% coldest	Normal	Top 33% warmest	Top 10% warmest	Record warmest
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# January 2025: dry

Total: 0.11" Rank: 5<sup>th</sup> driest (tie) Anomaly: -1.04"

**Arizona - Precipitation**  
January 2025, Percentile



Rankings (1895-2025)

WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Prelim, created 05 Feb 2025

## Monthly County Precipitation

January 2025

*Preliminary data from NOAA/NCEI as of 2/16/25*

Arizona Counties	Total	Depart	Rank
Apache	0.09"	-0.92"	5 <sup>th</sup> driest (tie)
Cochise	0.05"	-0.96"	10 <sup>th</sup> driest (tie)
Coconino	0.22"	-1.01"	16 <sup>th</sup> driest
Gila	0.12"	-2.09"	6 <sup>th</sup> driest
Graham	0.10"	-1.19"	10 <sup>th</sup> driest
Greenlee	0.17"	-1.20"	11 <sup>th</sup> driest (tie)
La Paz	0.03"	-0.66"	17 <sup>th</sup> driest (tie)
Maricopa	0.04"	-0.99"	10 <sup>th</sup> driest
Mohave	0.07"	-1.07"	11 <sup>th</sup> driest (tie)
Navajo	0.14"	-0.82"	9 <sup>th</sup> driest (tie)
Pima	0.05"	-0.92"	16 <sup>th</sup> driest
Pinal	0.09"	-1.11"	13 <sup>th</sup> driest (tie)
Santa Cruz	0.11"	-1.16"	20 <sup>th</sup> driest
Yavapai	0.20"	-1.46"	14 <sup>th</sup> driest (tie)
Yuma	0.00"	-0.60"	Tied driest

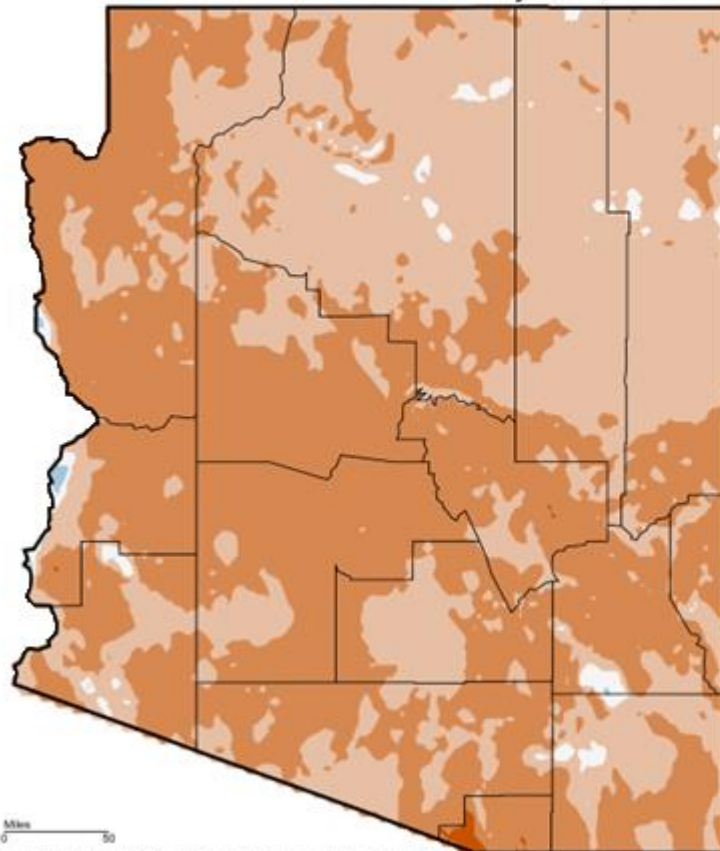
Record driest	Top 10% driest	Top 33% driest	Normal	Top 33% wettest	Top 10% wettest	Record wettest
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# Water Year 2025: warm and dry

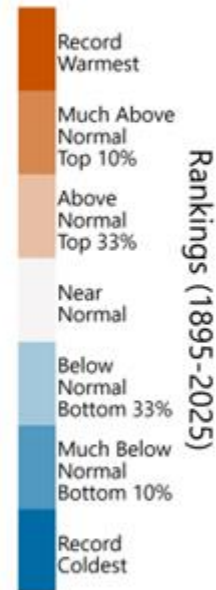
11<sup>th</sup> warmest Oct-Jan (tie)

4<sup>th</sup> driest Oct-Jan

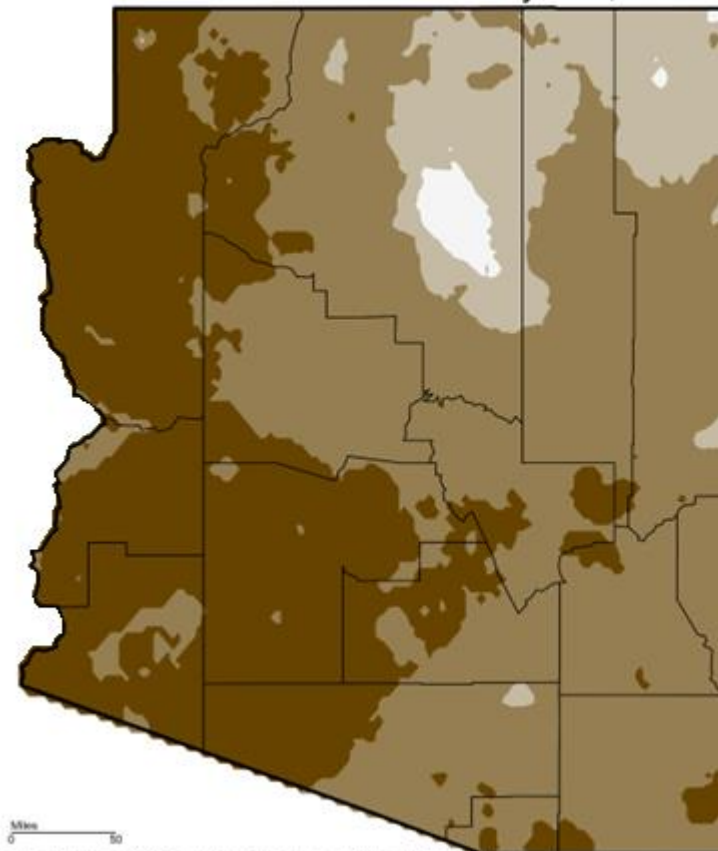
**Arizona - Mean Temperature**  
October 2024 - January 2025, Percentile



WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Prelim, created 05 Feb 2025



**Arizona - Precipitation**  
October 2024 - January 2025, Percentile

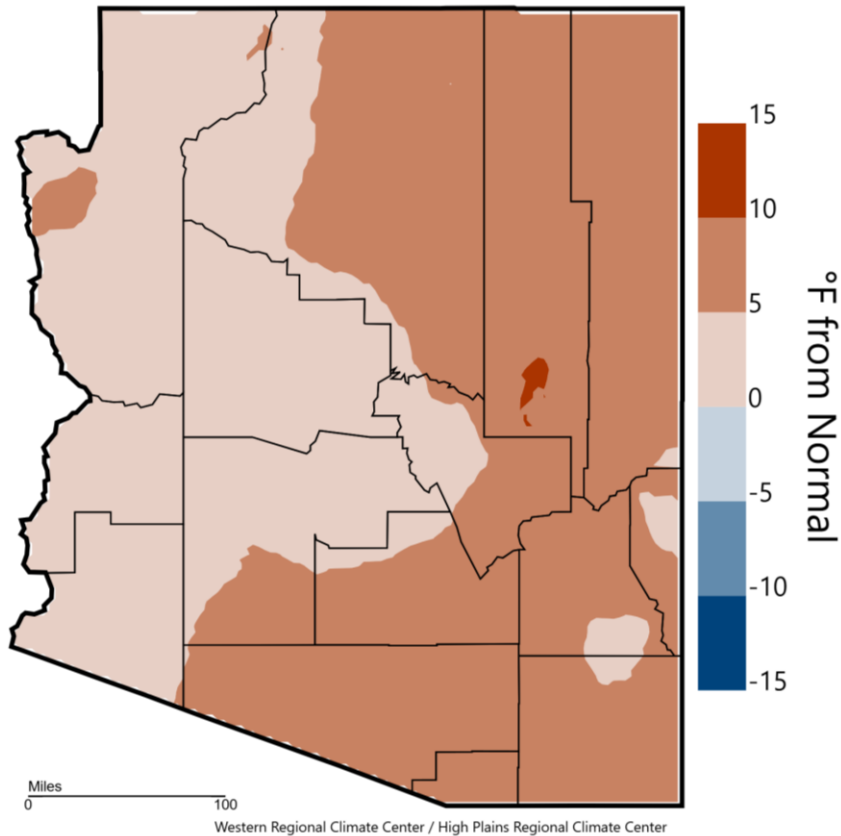


W WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Prelim, created 05 Feb 2025

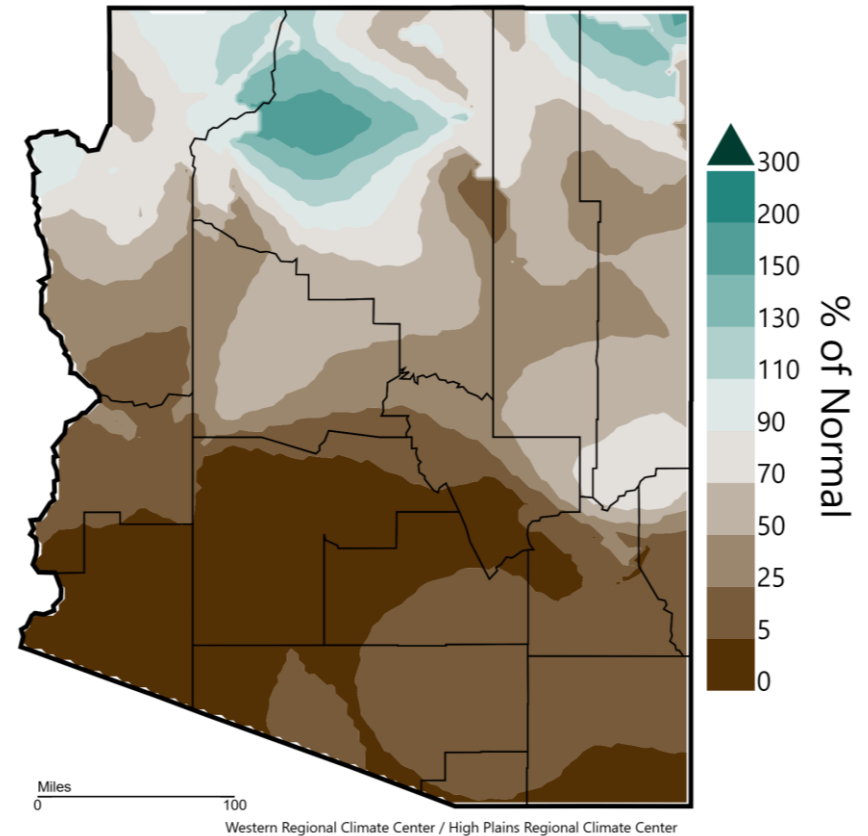


# First half of February: warm and dry

Mean Temperature Departure from Normal  
*February 1-15, 2025*

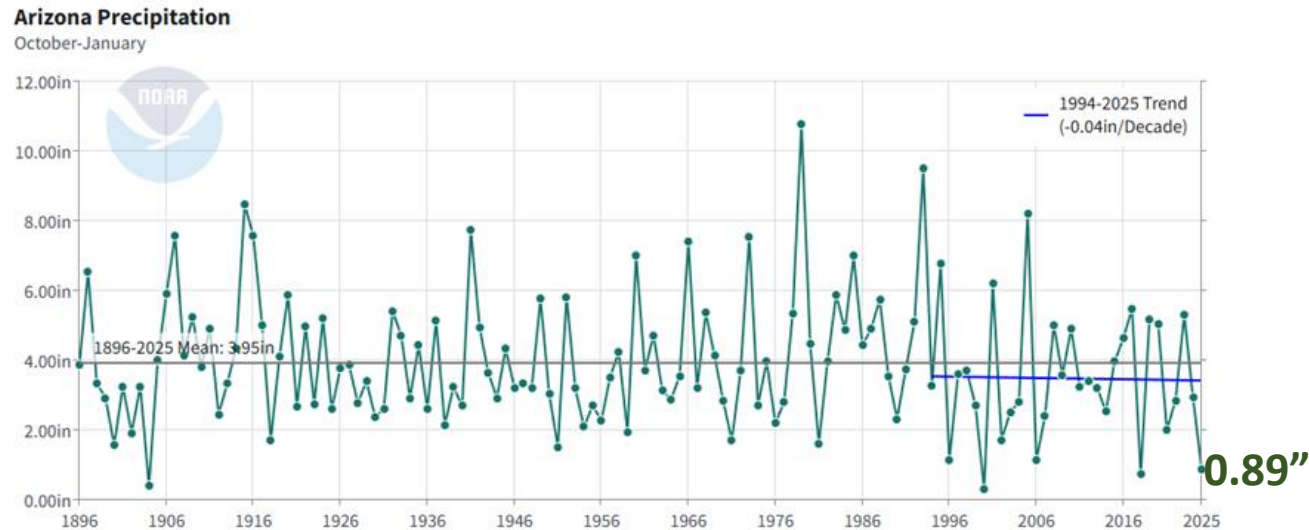


Total Precipitation Percent of Normal  
*February 1-15, 2025*



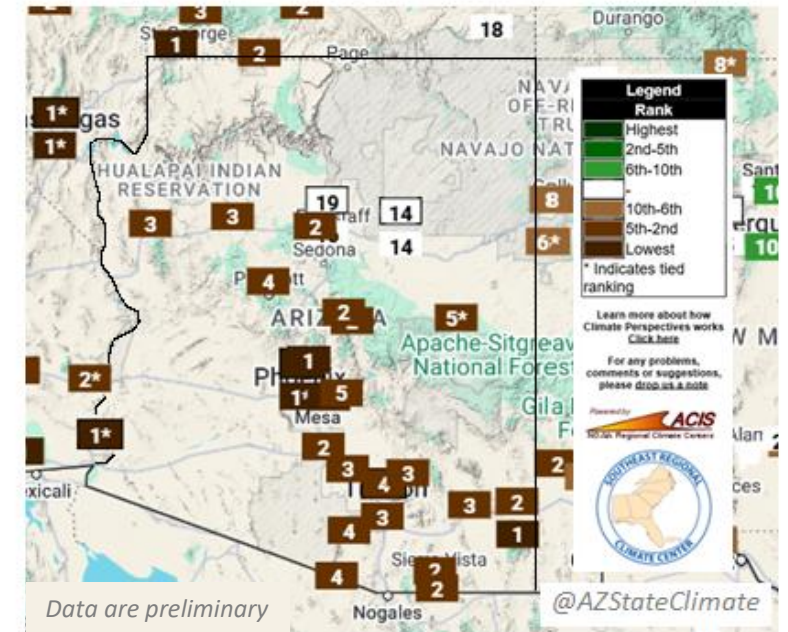
# WY2025: 23% of long-term Oct-Jan precipitation

Long-term statewide average precipitation Oct-Jan (1896-2025): 3.95"  
Total: 0.89" Anomaly: -3.06" 4<sup>th</sup> driest Oct-Jan



## Precipitation Rankings

October 2024 - January 2025



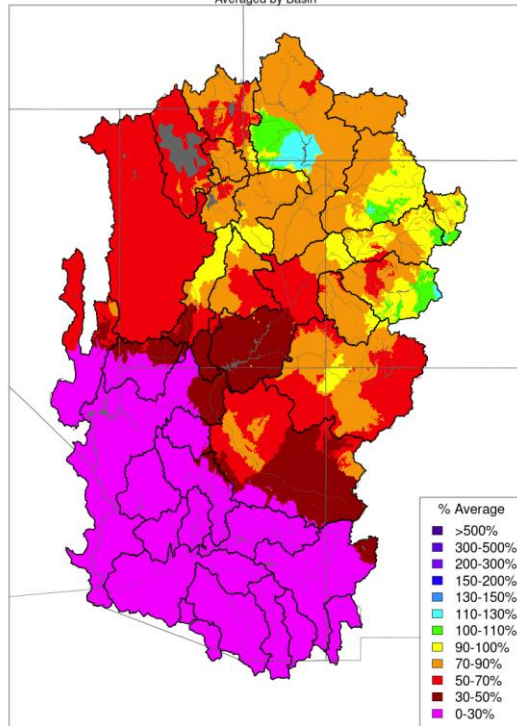
# Winter 2025 off to a very slow start

SWE February 17, 2025

Upper CO basin 93% of median

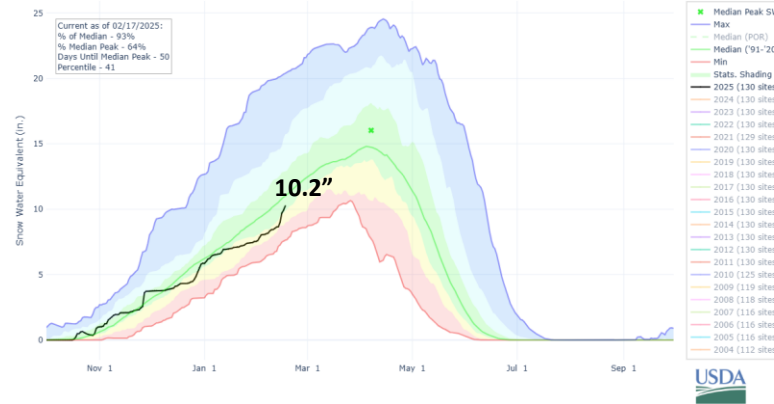
Lower CO basin 36% of median

Water Year Precipitation, October 2024 - January 2025  
Averaged by Basin

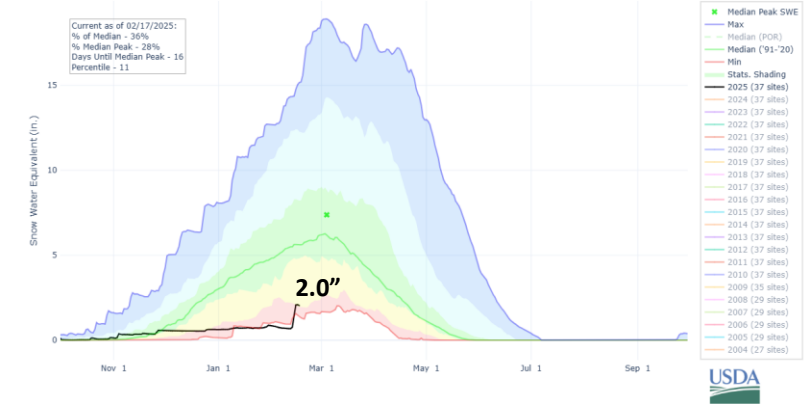


Prepared by NOAA, Colorado Basin River Forecast Center  
Salt Lake City, Utah, [www.cbrfc.noaa.gov](http://www.cbrfc.noaa.gov)

SNOW WATER EQUIVALENT IN UPPER COLORADO REGION



SNOW WATER EQUIVALENT IN LOWER COLORADO REGION

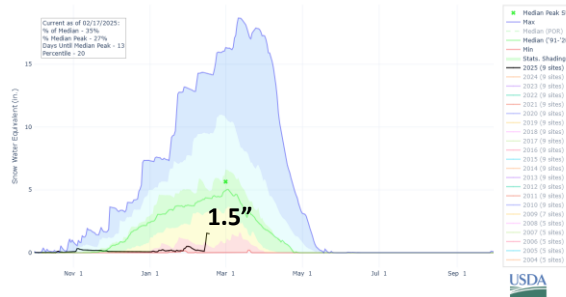


Verde basin 35% of median

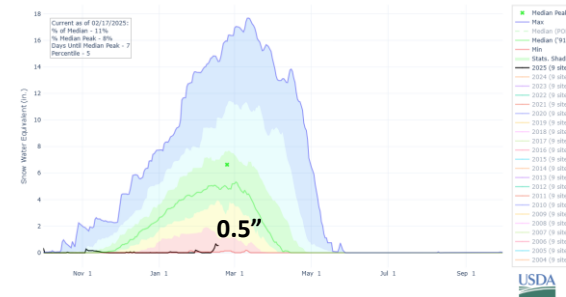
Salt basin 11% of median

Little CO basin 33% of median

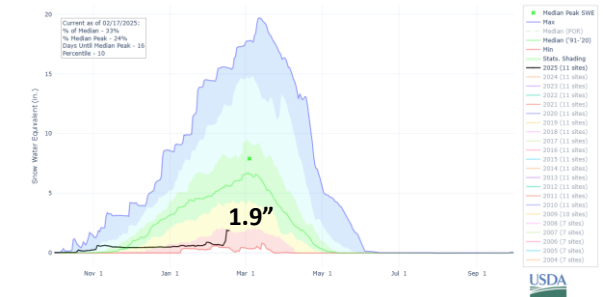
SNOW WATER EQUIVALENT IN VERDE



SNOW WATER EQUIVALENT IN SALT

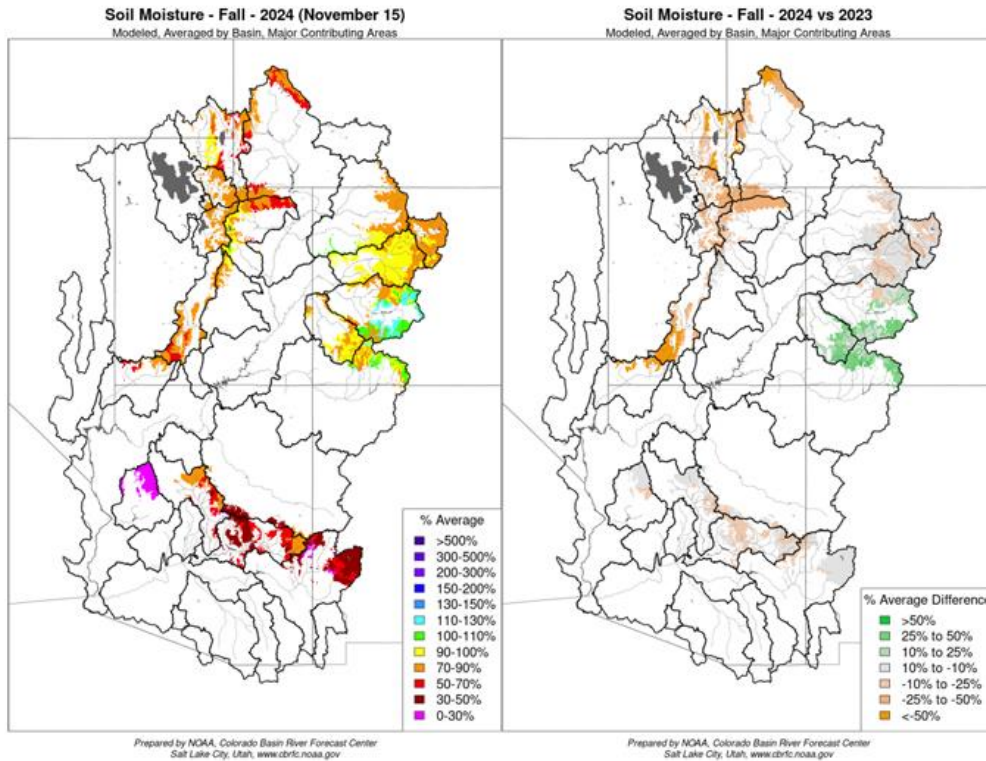


SNOW WATER EQUIVALENT IN LITTLE COLORADO

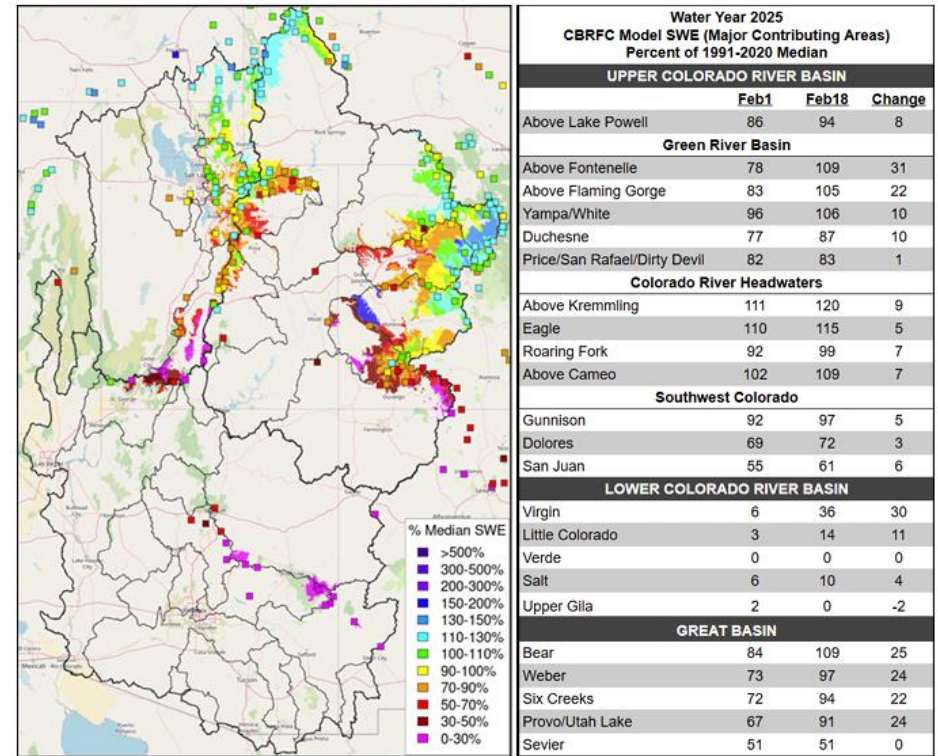


# AZ soil moisture below average

## *Soil moisture helps spring runoff*



November 2024 CBRFC hydrologic model soil moisture conditions - as a percent of the 1991-2020 average (left) and compared to November 2023 (right).



Left: February 18, 2025 SWE - NRCS SNOTEL observed (squares) and CBRFC hydrologic model. Right: CBRFC hydrologic model SWE condition summary.



# Short-term drought advanced in winter

Water Year 2025

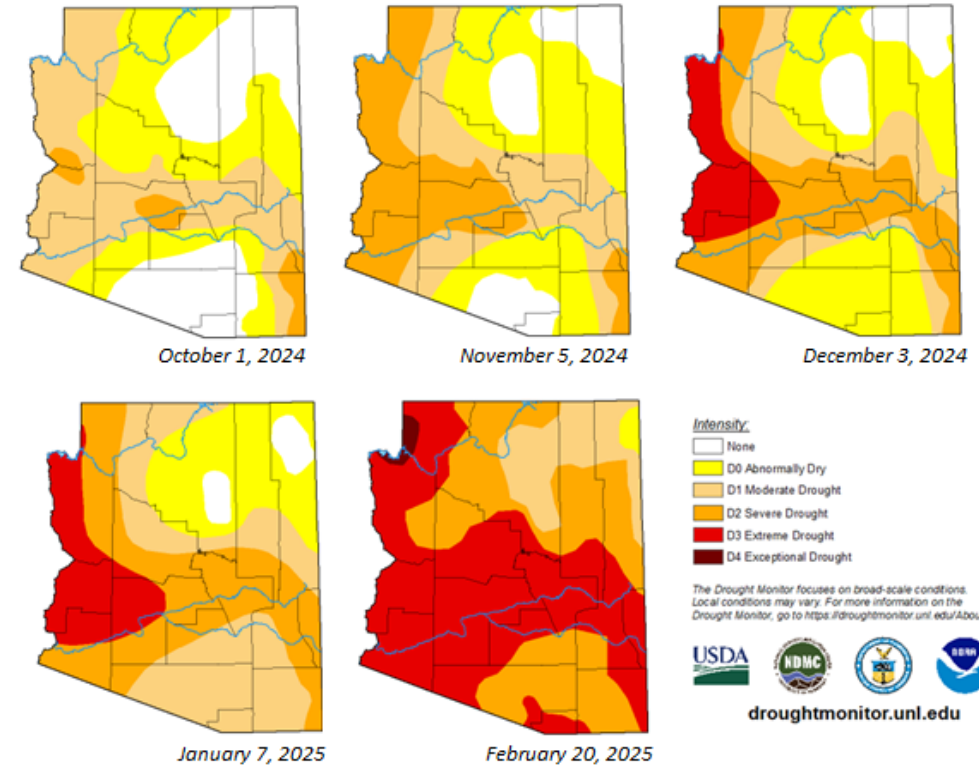
## Arizona Short-Term Drought

October 1, 2024 to February 20, 2025

Percentage of change short-term drought (%) <i>Water Year 2025</i>			
Category	1-Oct-24	20-Feb-25	Change (WY2025)
No Drought	28	0	-28
<b>D0 - Abnormally Dry</b>	32	1	-31
D1 – Moderate Drought	35	12	-23
D2 – Severe Drought	5	34	29
<b>D3 – Extreme Drought</b>	0	52	52
<b>D4 – Exceptional Drought</b>	0	1	1

## Arizona Short-Term Drought

October 1, 2024 to February 20, 2025



@AZStateClimate

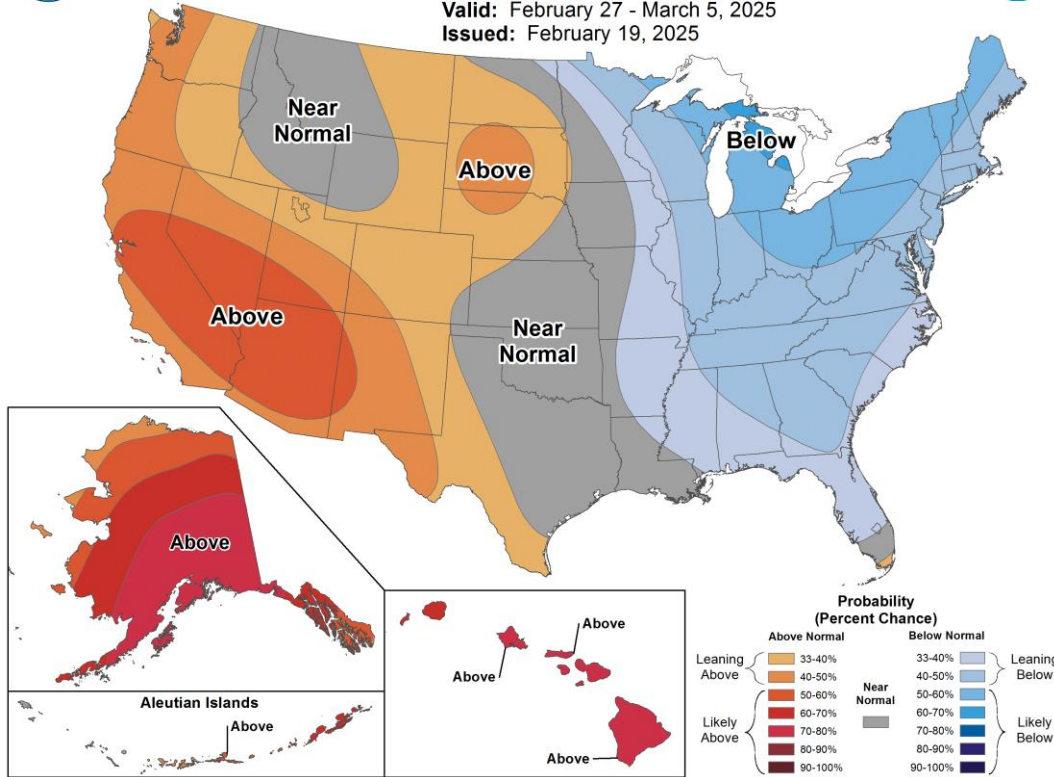




# 8-14 Day Temperature Outlook



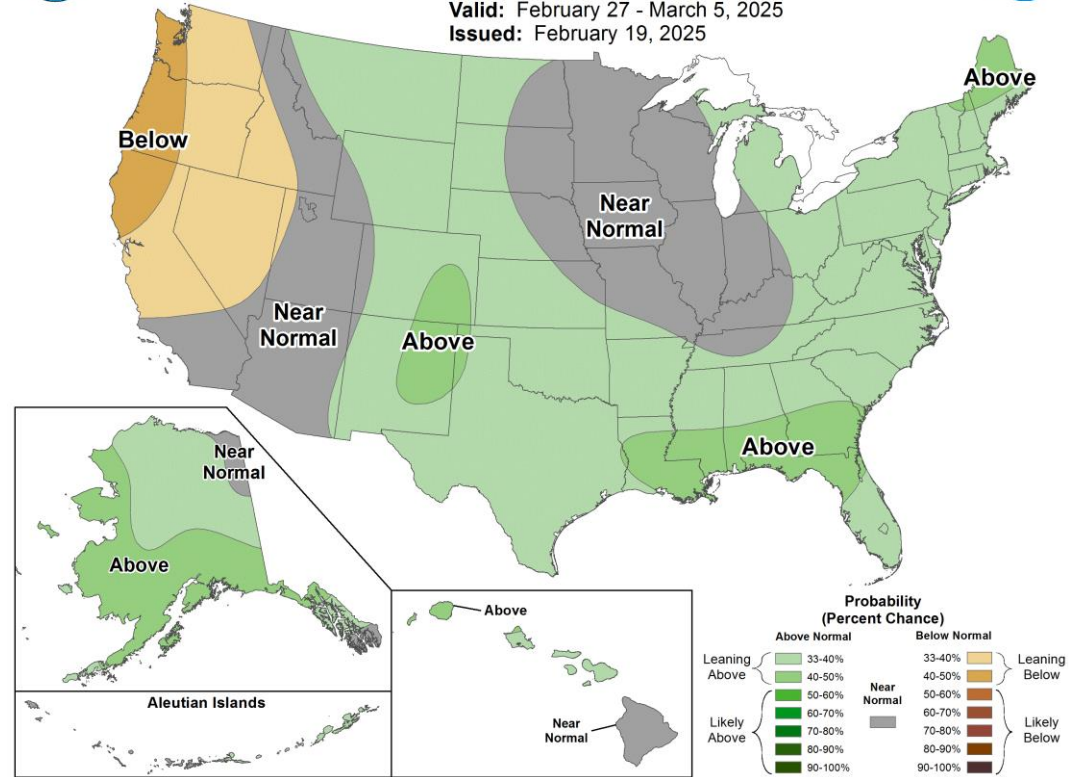
Valid: February 27 - March 5, 2025  
Issued: February 19, 2025



# 8-14 Day Precipitation Outlook



Valid: February 27 - March 5, 2025  
Issued: February 19, 2025

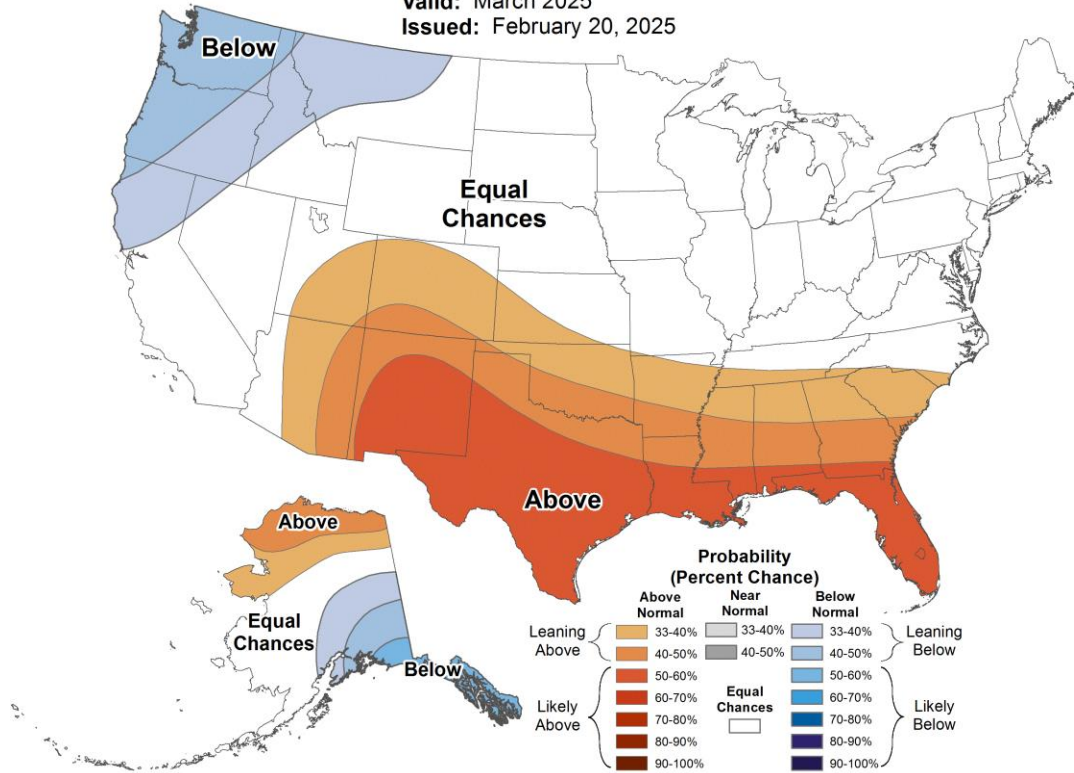




# Monthly Temperature Outlook



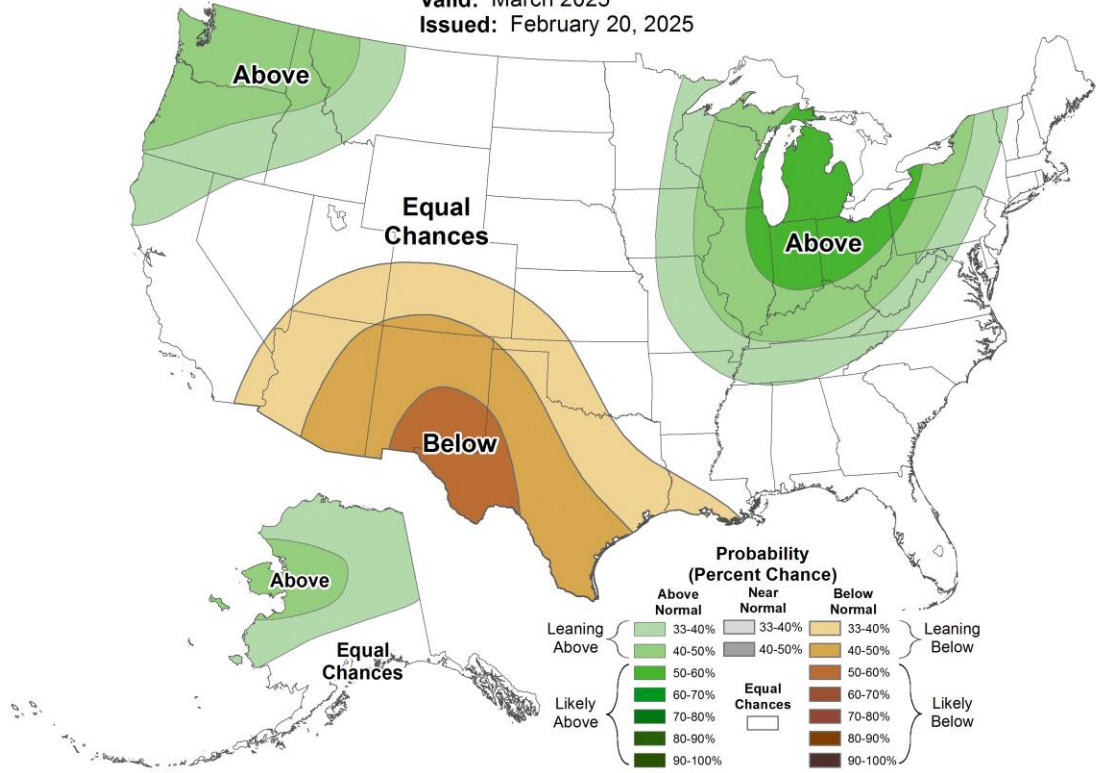
Valid: March 2025  
Issued: February 20, 2025



# Monthly Precipitation Outlook



Valid: March 2025  
Issued: February 20, 2025



# La Nina Advisory

66% chance transition to ENSO neutral Mar-May

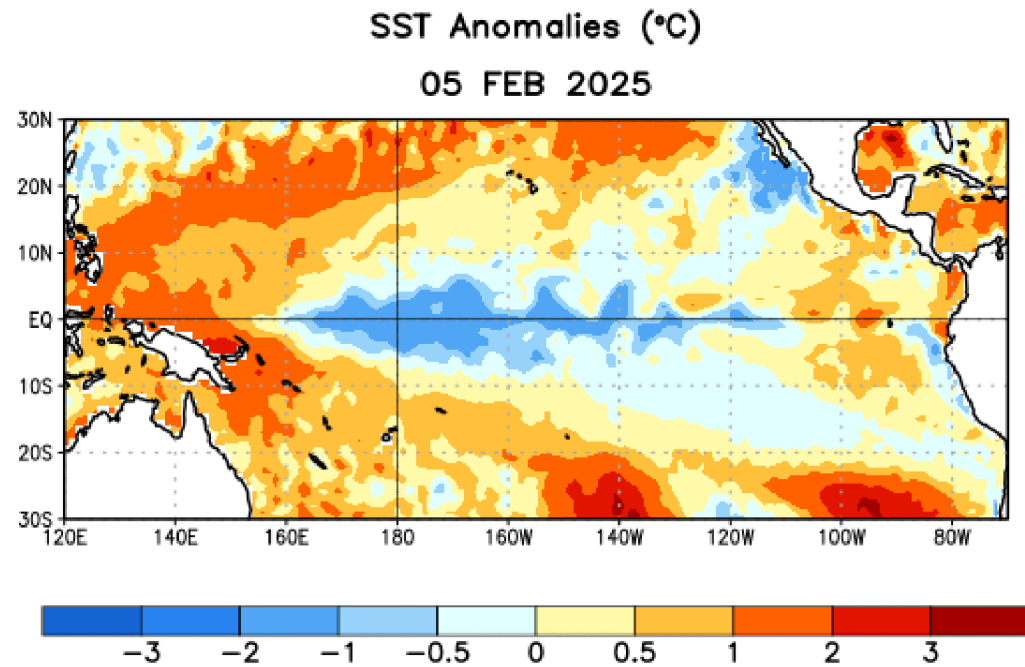


Figure 1. Average sea surface temperature (SST) anomalies (°C) for the week centered on 5 February 2025. Anomalies are computed with respect to the 1991-2020 base period weekly means.

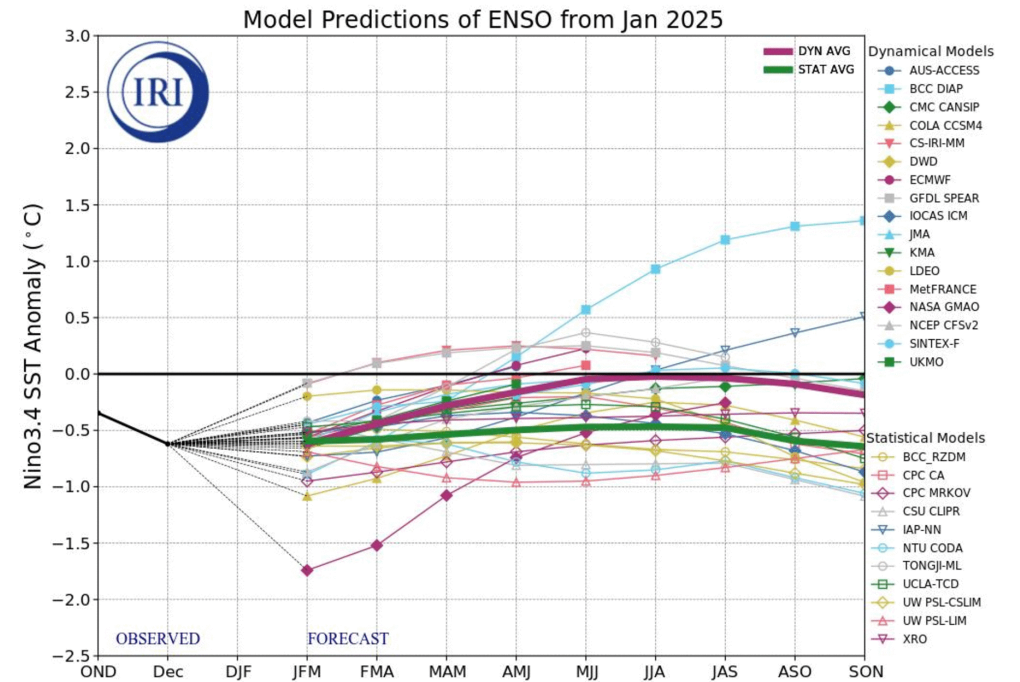


Figure 6. Forecasts of sea surface temperature (SST) anomalies for the Niño 3.4 region (5°N-5°S, 120°W-170°W). Figure updated 21 January 2025 by the International Research Institute (IRI) for Climate and Society.

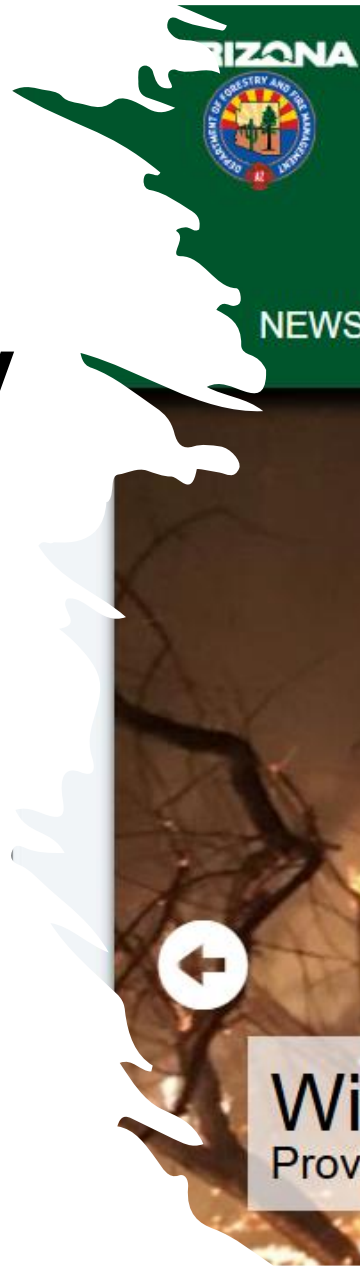
# Winter 2025: very dry (so far)... Summer???

Year	Winter <i>(prev Dec-Mar)</i>	Summer <i>(Jun-Sep)</i>
2016	Dry <i>(El Nino)</i>	Wet
2017	Wet <i>(Neutral)</i>	Dry
2018	Dry <i>(La Nina)</i>	Wet
2019	Wet <i>(El Nino)</i>	Dry
2020	Wet <i>(Neutral)</i>	Dry
2021	Dry <i>(La Nina)</i>	Wet
2022	Dry <i>(La Nina)</i>	Wet
2023	Wet <i>(La Nina)</i>	Dry
2024	Wet <i>(El Nino)</i>	Dry

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

*@AZStateClimate*

*Statewide seasonal precipitation compared to the long-term average*



# Department of Forestry and Fire Management

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# Tiffany Davila

Public Affairs Officer  
AZ DFFM



## Wildland Fire Suppression

Providing fire protection to 22-million acres of State Trust and private lands