



Drought Monitoring Technical  
Committee Report  
to the  
Arizona Interagency  
Coordinating Group

November 12, 2025

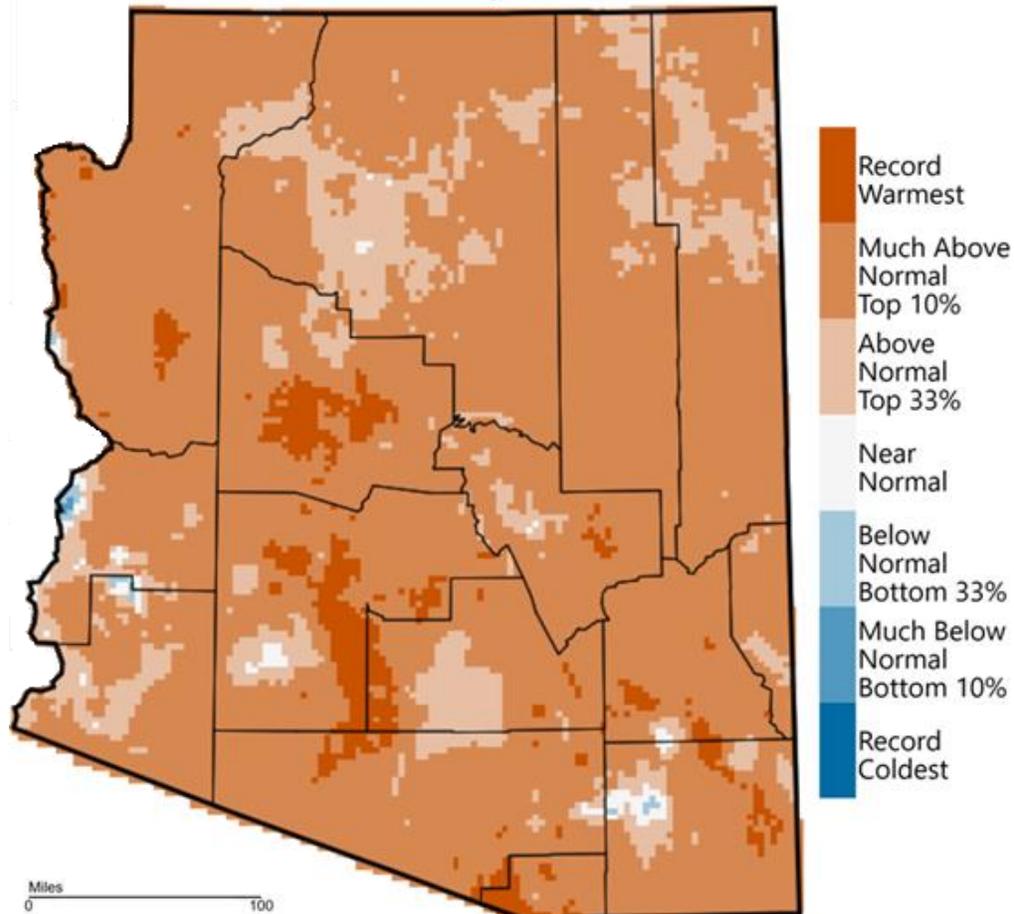
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Erinanne Saffell, Ph.D.  
Arizona State Climatologist

# Water Year 2025 ended hot and dry

## Arizona - Mean Temperature

October 2024 - September 2025, Percentile

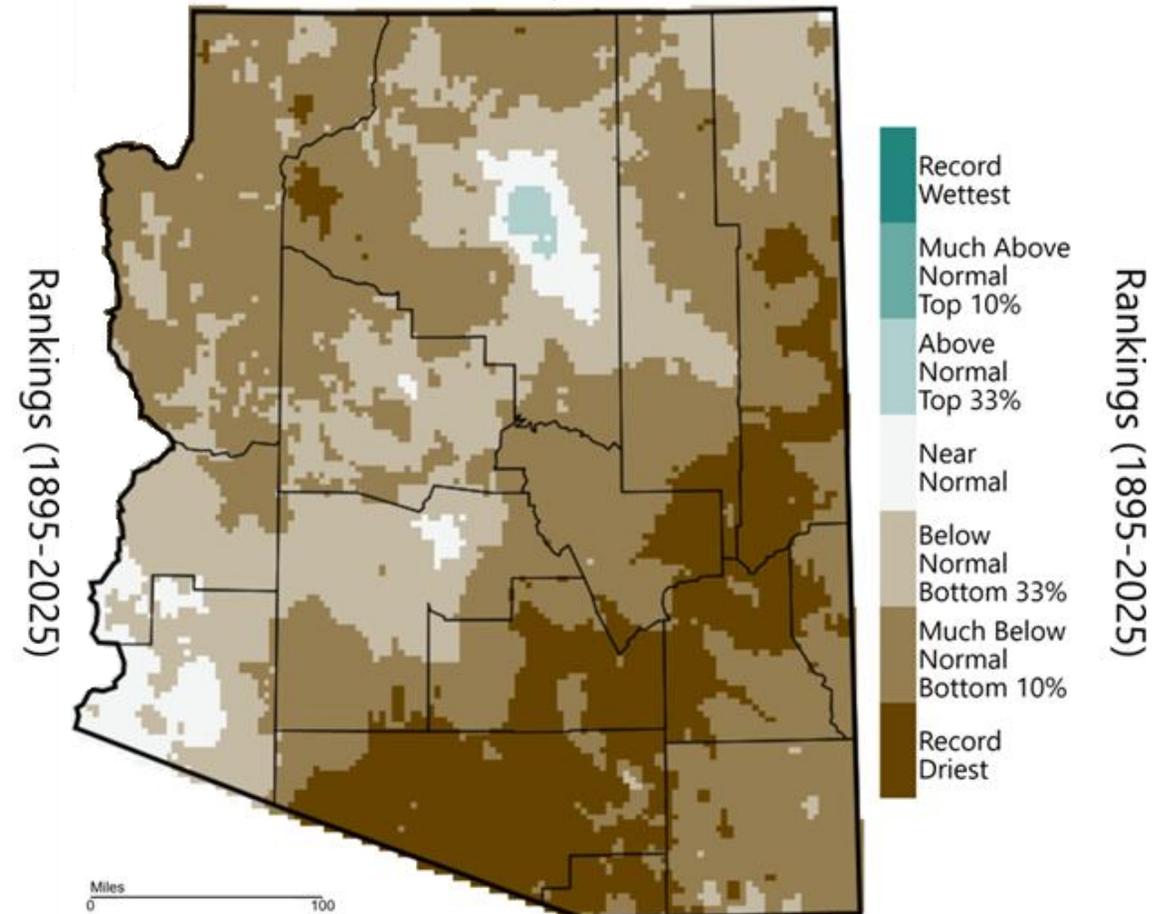


Miles  
0 100

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

## Arizona - Precipitation

October 2024 - September 2025, Percentile



Miles  
0 100

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

Rankings (1895-2025)

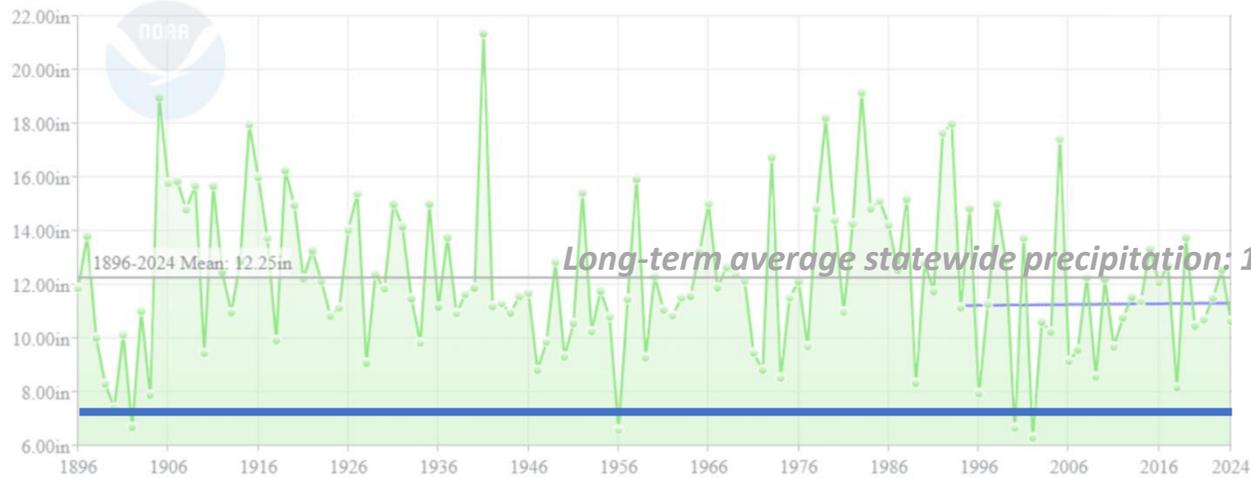
Rankings (1895-2025)

# WY2025 below long-term average precipitation

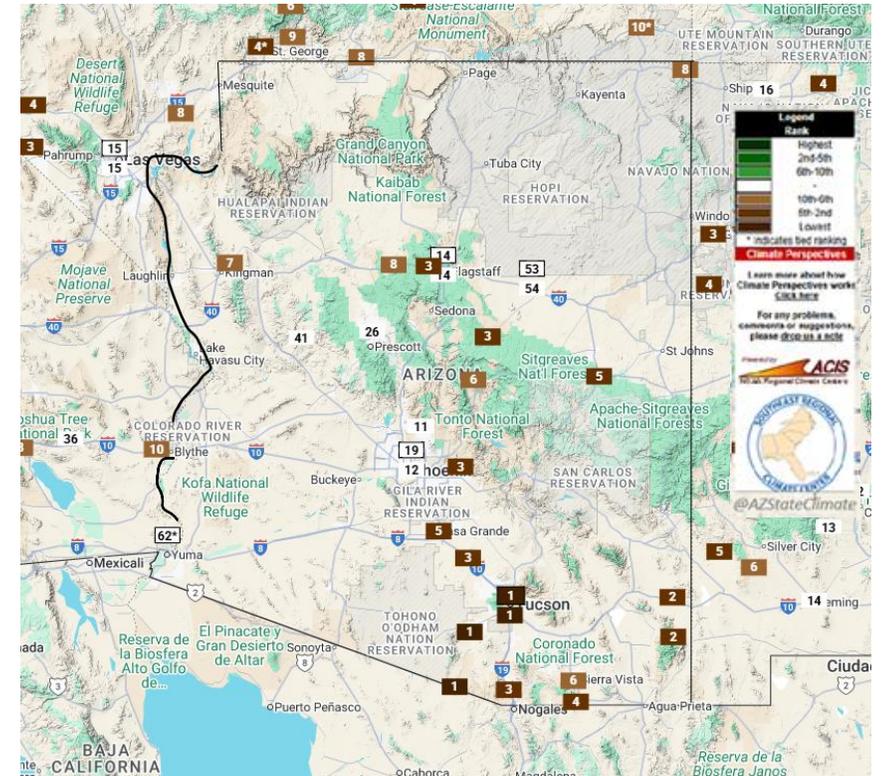
WY2025 approximately 55%-60% long-term average  
 Estimated statewide precipitation: 6.73-7.35"

Only 3 months above average (May, June, September)

Arizona Precipitation  
 October-September



Total Precipitation Ranking (preliminary)  
 October 1, 2024 to September 30, 2025

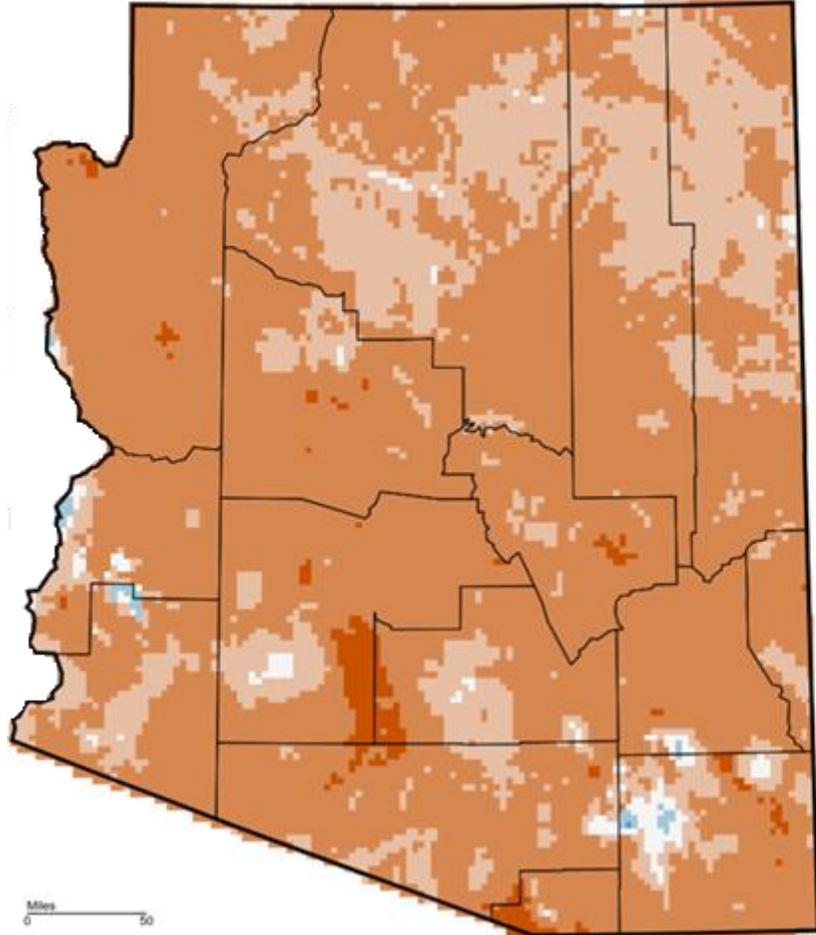


Oct 2024-Aug 2025: 2<sup>nd</sup> driest and 50% below long-term average precipitation

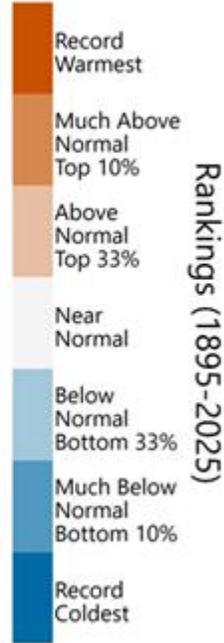
Preliminary data from NOAA/NCEI as of 9/15/25

# October to April ended hot and dry

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

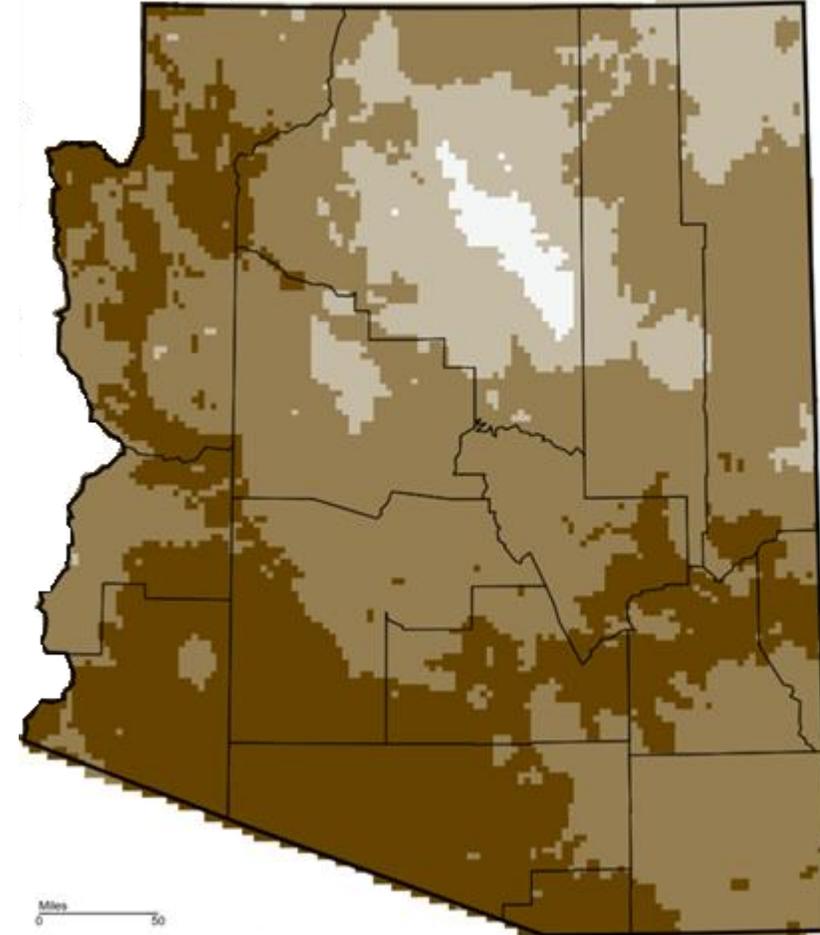


WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Prelim, created 05 May 2025

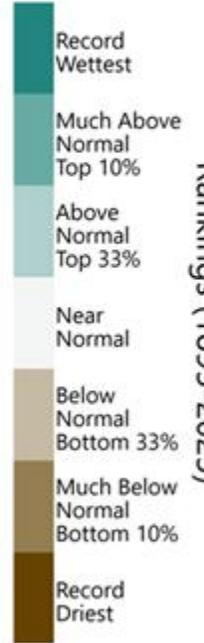


Rankings (1895-2025)

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



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

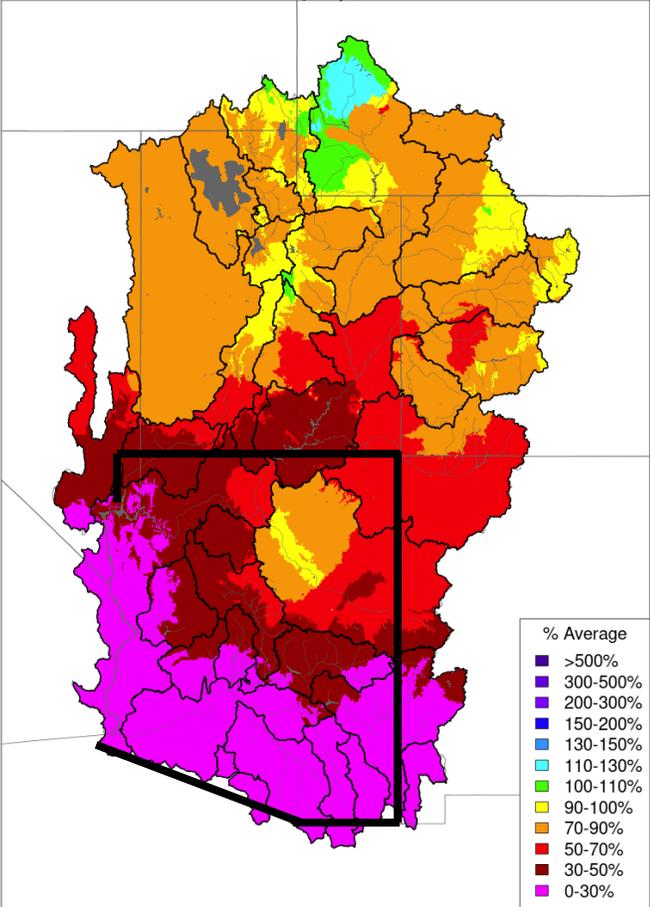


Rankings (1895-2025)

# WY2025: SWE late peak, below median

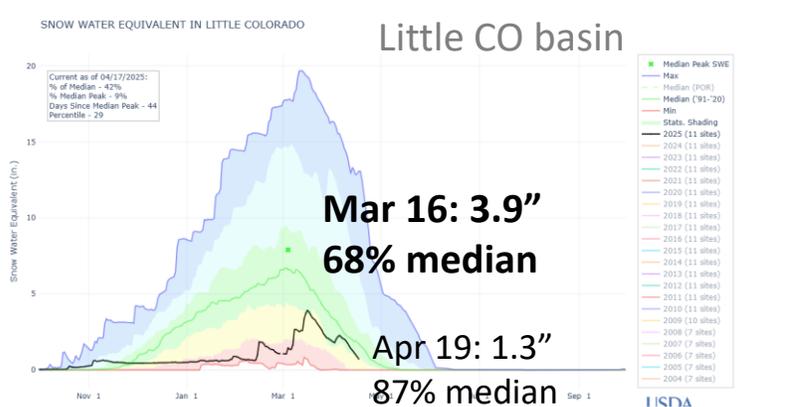
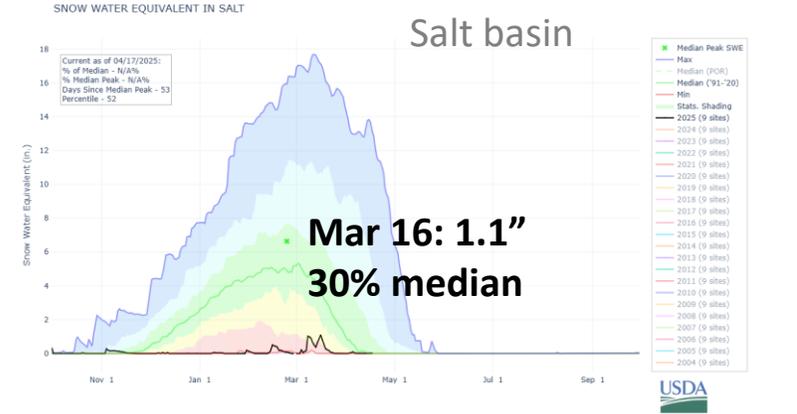
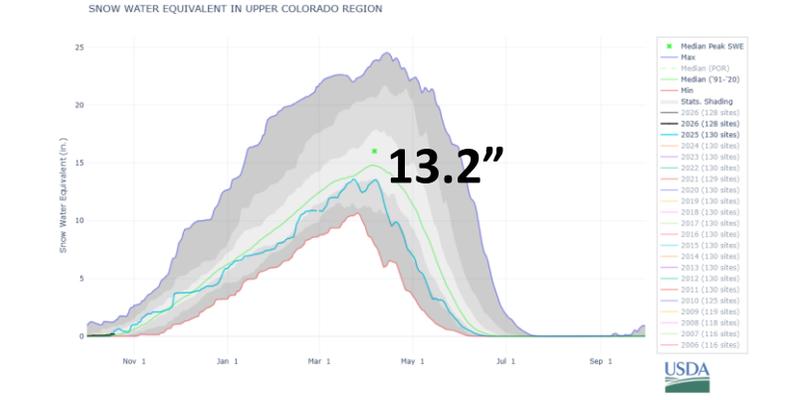
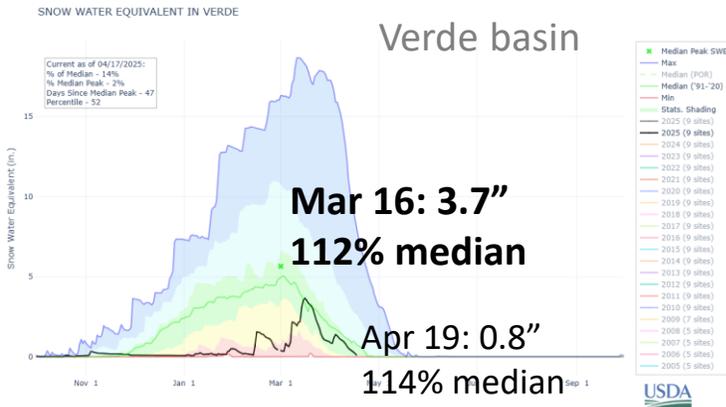
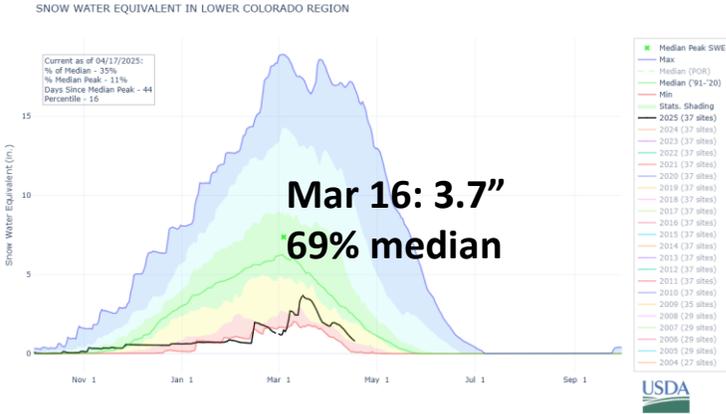
Water Year Precipitation, October 2024 - April 2025

Averaged by Basin



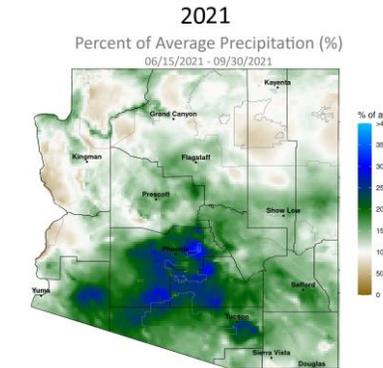
Prepared by NOAA, Colorado Basin River Forecast Center  
Salt Lake City, Utah, www.cbrfc.noaa.gov

## Lower Colorado River basin (AZ)

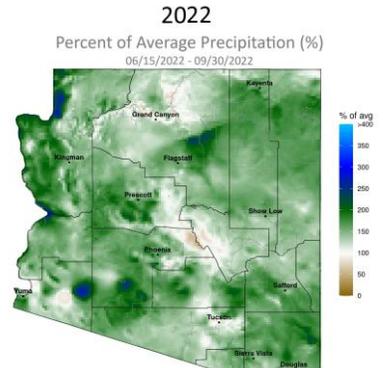


# Monsoon 2025

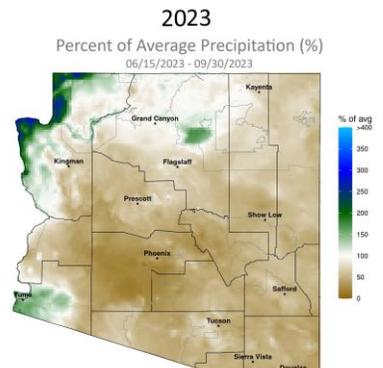
## Most areas dry, limited wet



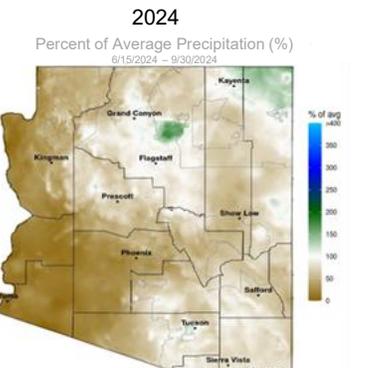
CLIMAS CSAP THE UNIVERSITY OF ARIZONA Cooperative Extension  
 Plot created: 2022-05-20  
 The University of Arizona  
<https://cals.arizona.edu/climate/>  
 Data Source: PRISM Climate Group  
 RCC-ACIS



CLIMAS CSAP THE UNIVERSITY OF ARIZONA Cooperative Extension  
 Plot created: 2023-06-13  
 The University of Arizona  
<https://cals.arizona.edu/climate/>  
 Data Source: PRISM Climate Group  
 RCC-ACIS

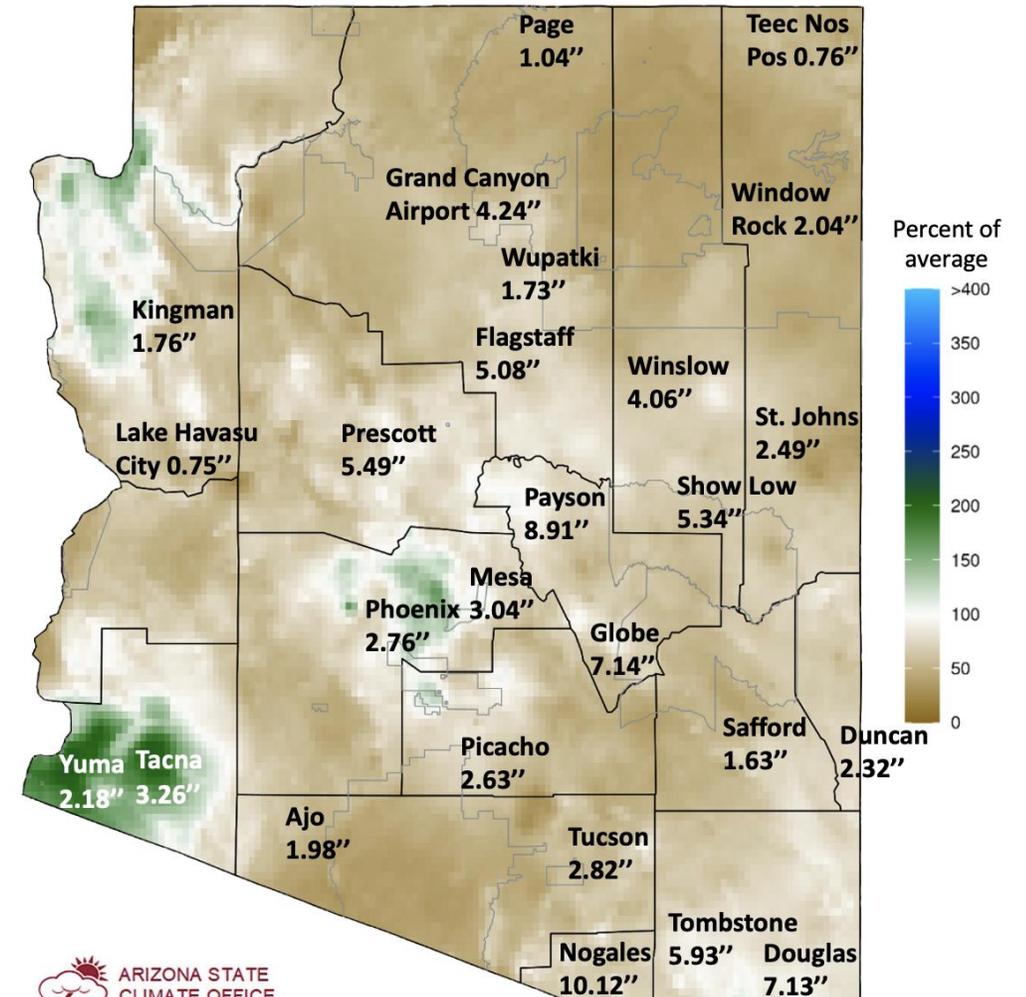


CLIMAS CSAP THE UNIVERSITY OF ARIZONA Cooperative Extension  
 Plot created: 2024-06-10  
 The University of Arizona  
<https://cals.arizona.edu/climate/>  
 Data Source: PRISM Climate Group  
 RCC-ACIS



CLIMAS CSAP THE UNIVERSITY OF ARIZONA Cooperative Extension  
 Plot created: 2025-04-08  
 The University of Arizona  
<https://cals.arizona.edu/climate/>  
 Data Source: PRISM Climate Group  
 RCC-ACIS

## Monsoon 2025 Precipitation



ARIZONA STATE CLIMATE OFFICE

CLIMAS CSAP THE UNIVERSITY OF ARIZONA Cooperative Extension  
<https://cals.arizona.edu/climate/>

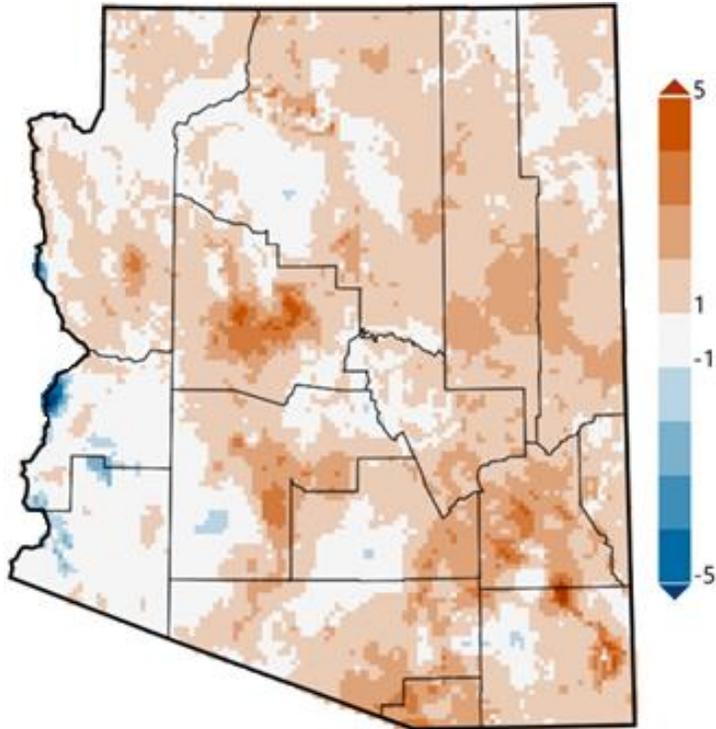
Preliminary data from NWS  
 Plot created: 2025-10-01  
 The University of Arizona  
<https://cals.arizona.edu/climate/>  
 Data Source: PRISM Climate Group  
 RCC-ACIS

Yuma had their 9<sup>th</sup> wettest August from one monsoon storm on Aug 25, 2025...1.12" is 5x normal amount for the month

# June to September mostly hot and dry

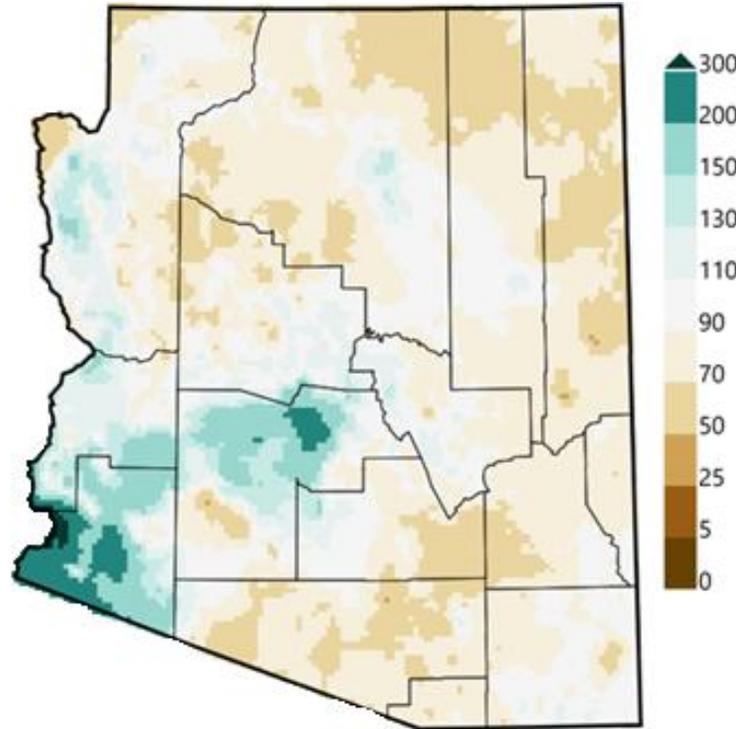
## Arizona - Mean Temperature

June - September 2025, Departure from 1991-2020 Average



## Arizona - Precipitation

June - September 2025, Percent of 1991-2020 Average



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
2025	Dry ( <i>La Nina</i> )	slightly below.. TBD

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

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

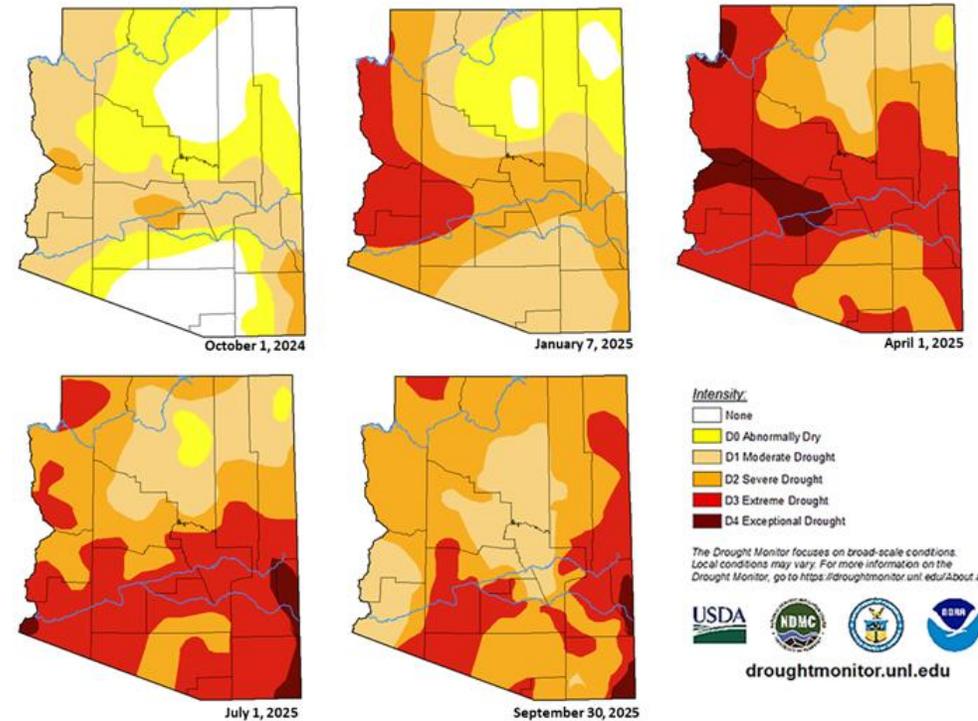
*WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Created Oct 7, 2025*

# Short-term drought advanced winter, spring

## Arizona Short-Term Drought Water Year 2025

Percentage of change in short-term drought from previous water year			
Category	End of WY2024	End of WY2025	Change from previous WY
No Drought	28	0	-28
D0 - Abnormally Dry	32	0	-32
D1 – Moderate Drought	35	21	-14
D2 – Severe Drought	5	54	+49
D3 – Extreme Drought	0	24	+24
D4 – Exceptional Drought	0	1	+1

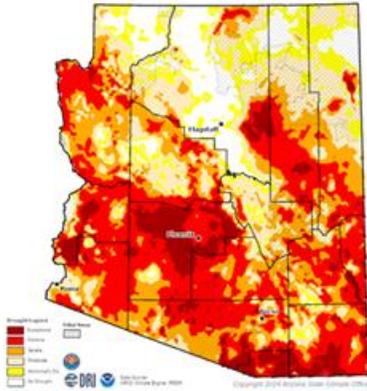
## Arizona Short-Term Drought WY2025



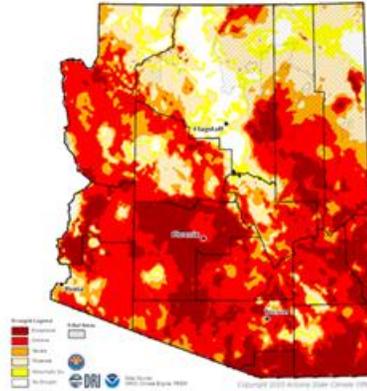
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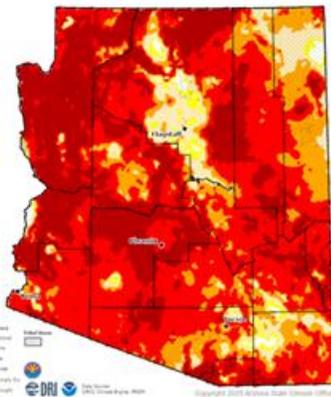
# Long-term drought advanced WY2025



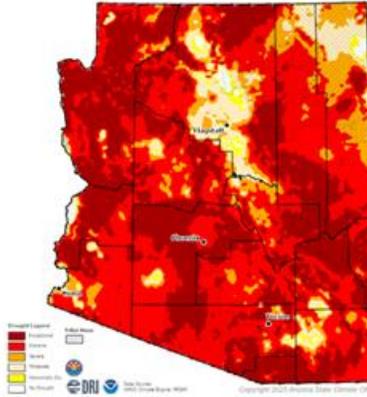
October to December 2024



January to March 2025



April to June 2025



July to September 2025

Arizona  
**Sep 2020 to Aug 2025**  
 6<sup>th</sup> hottest (tie)

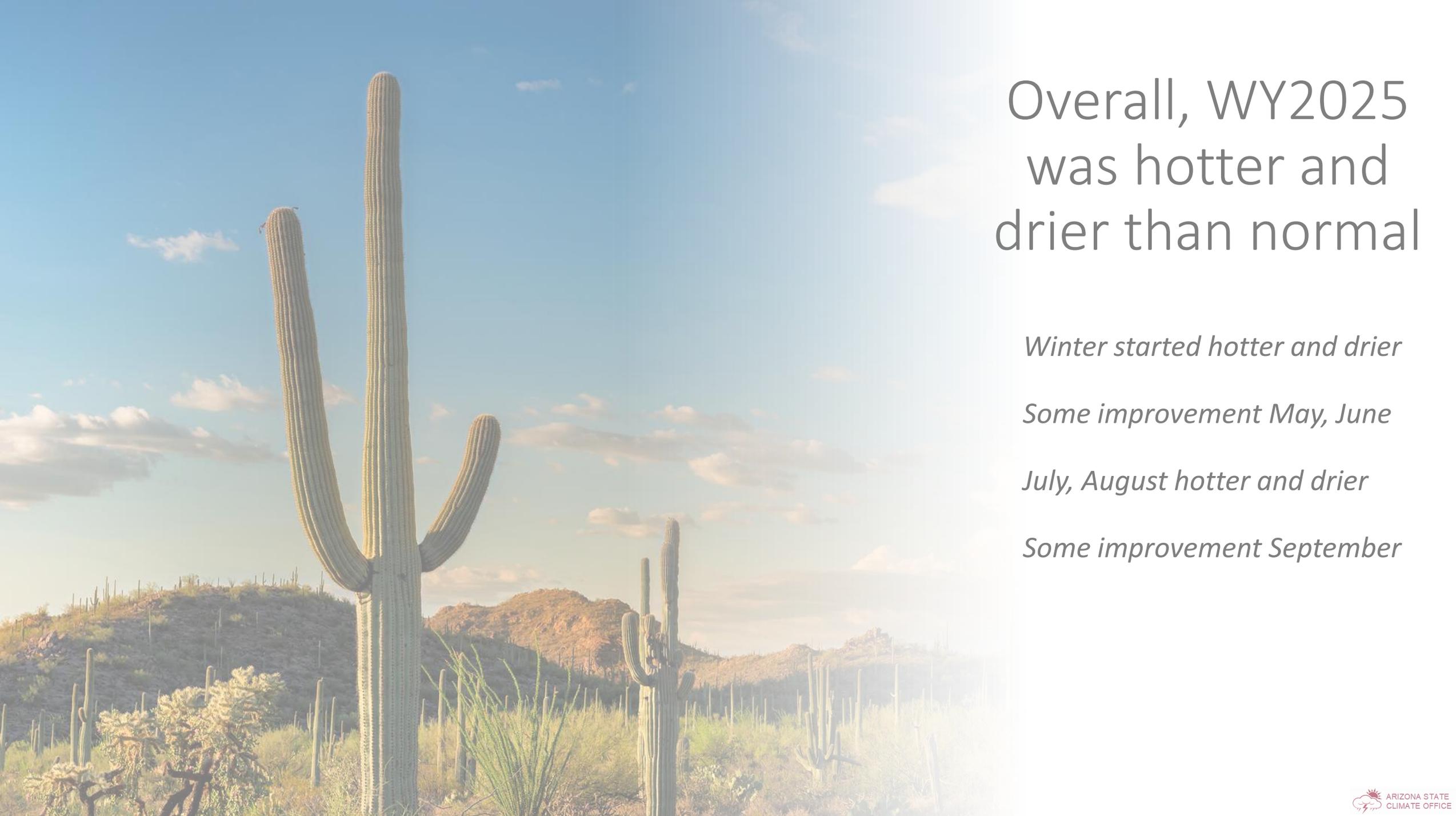


*Preliminary data from NOAA/NCEI as of 9/10/25*

Arizona  
**Sep 2020 to Aug 2025**  
 7<sup>th</sup> driest



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

A large Saguaro cactus stands prominently in the foreground, its two arms reaching upwards. The background shows a desert landscape with rolling hills and numerous smaller cacti under a clear blue sky with scattered, light clouds. The overall scene is bright and sunny.

# Overall, WY2025 was hotter and drier than normal

*Winter started hotter and drier*

*Some improvement May, June*

*July, August hotter and drier*

*Some improvement September*

# Thank you

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