

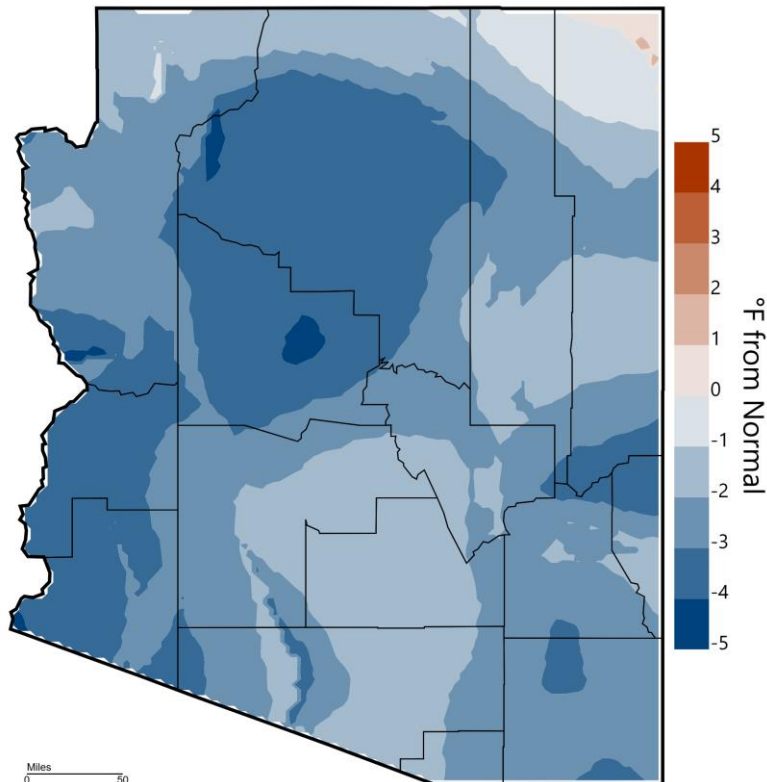
First half of March: cooler and wetter

Mean Temperature Departure from Normal

March 1-16, 2025

Arizona Contours

Mean Temperature Departure from Normal (March 1, 2025 - March 16, 2025)



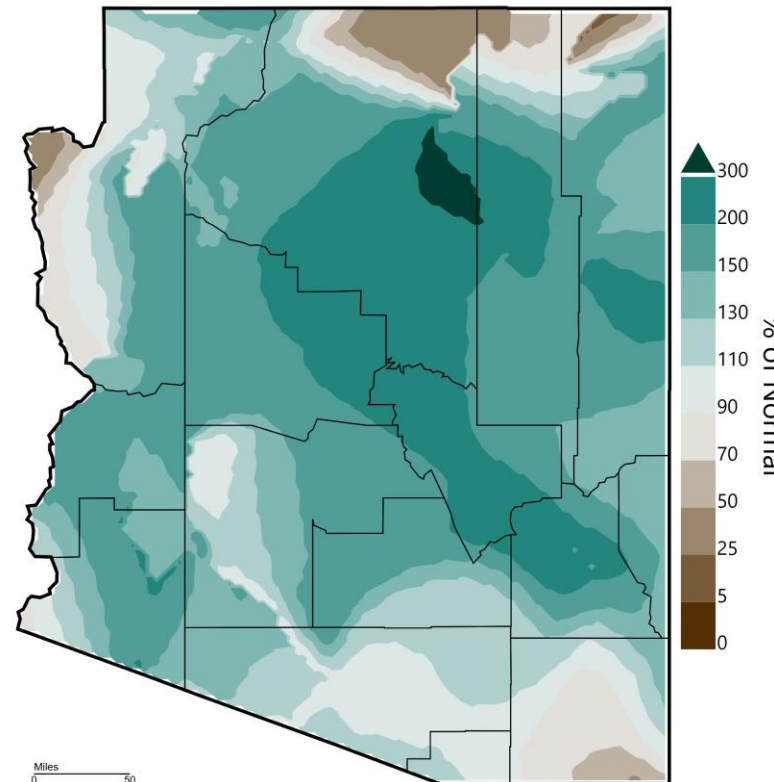
Western Regional Climate Center / High Plains Regional Climate Center

Total Precipitation Percent of Normal

March 1-16, 2025

Arizona Contours

Total Precipitation Percent of Normal (March 1, 2025 - March 16, 2025)



Western Regional Climate Center / High Plains Regional Climate Center

Total March precip
% of normal to Mar 18

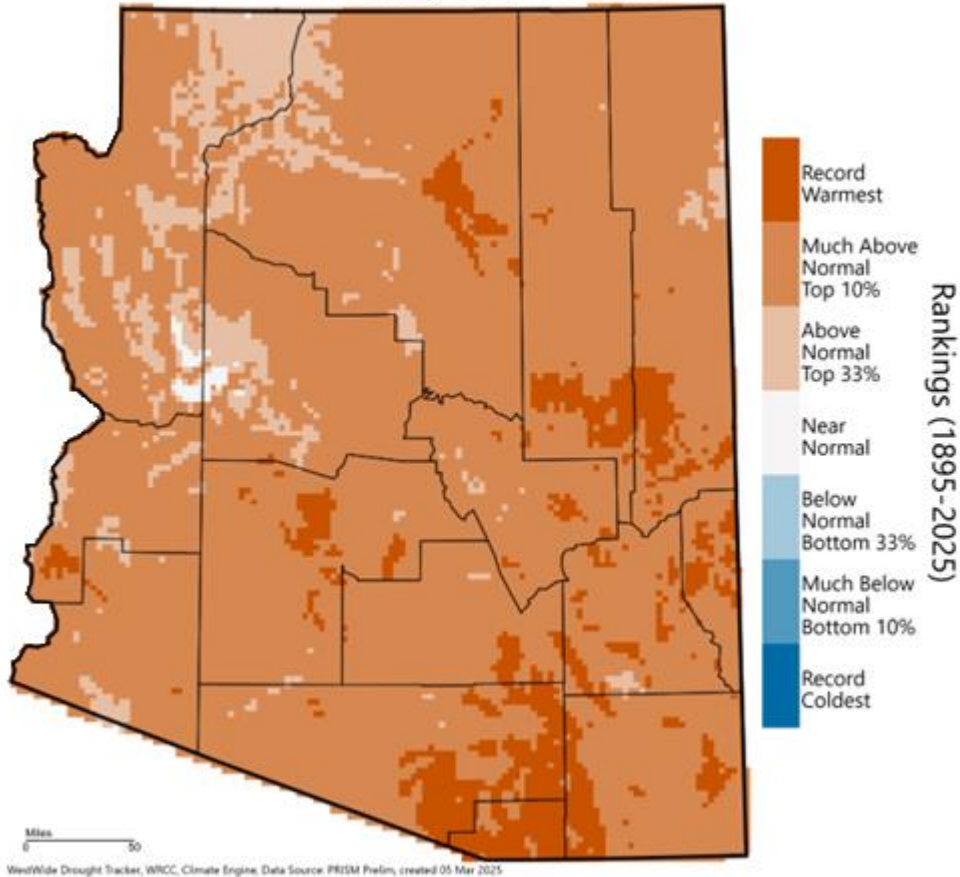
- Flagstaff 200% (2.47")
- Winslow 169% (0.49")
- Pine 390% (5.65")
- Prescott 230% (1.45")
- Phoenix 147% (0.84")
- Kingman 190% (0.74")
- Tucson 67% (0.23")
- Tacna 183% (0.55")

Data from NWS

February 2025: hotter

Temp: 51.3°F Rank: 2nd warmest Anomaly: 6.6°F

Arizona - Mean Temperature
February 2025, Percentile



Monthly County Average Temperature

February 2025

Preliminary data from NOAA/NCEI as of 3/19/25

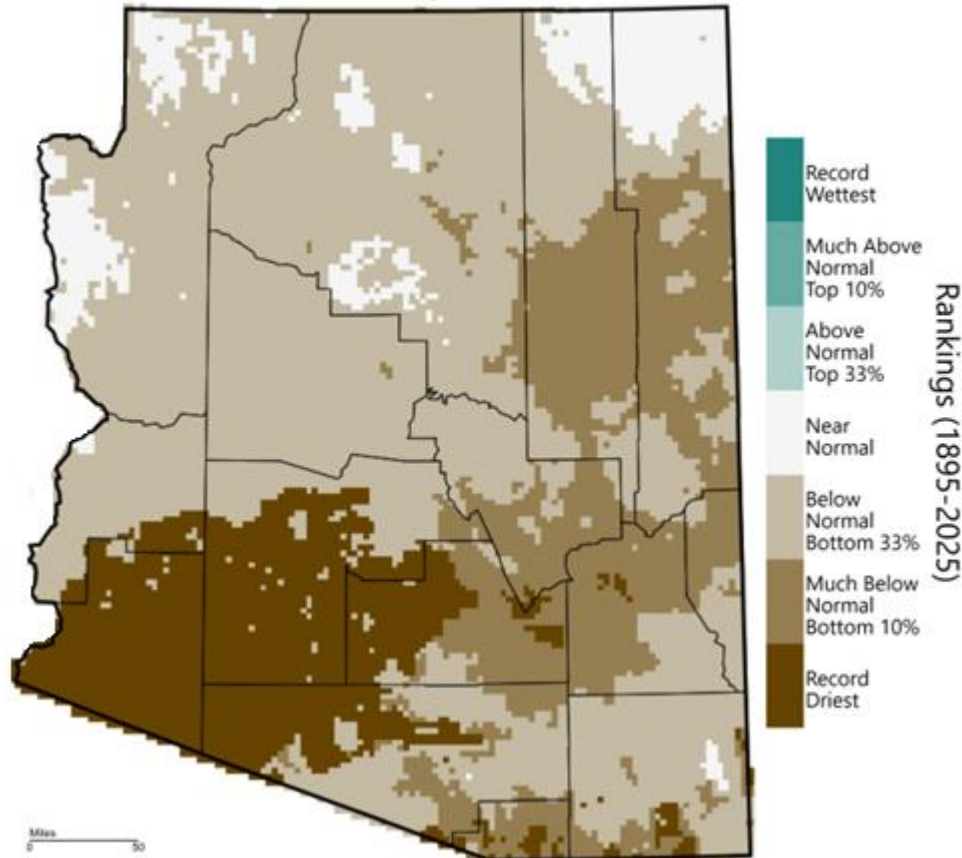
Arizona Counties	Temp	Depart	Rank
Apache	40.7°	6.2°	5 th hottest (tie)
Cochise	53.2°	6.3°	3 rd hottest
Coconino	43.2°	6.7°	3 rd hottest
Gila	51.4°	7.1°	2 nd hottest
Graham	53.4°	7.3°	Hottest
Greenlee	49.1°	7.1°	Hottest
La Paz	61.7°	6.1°	3 rd hottest (tie)
Maricopa	61.2°	6.5°	3 rd hottest
Mohave	52.5°	6.3°	4 th hottest
Navajo	43.0°	7.2°	2 nd hottest
Pima	59.4°	6.7°	3 rd hottest
Pinal	59.9°	6.7°	Hottest
Santa Cruz	53.9°	7.0°	Hottest
Yavapai	50.9°	6.8°	3 rd hottest
Yuma	62.5°	5.6°	8 th hottest

Record coldest Top 10% coldest Top 33% coldest Normal Top 33% warmest Top 10% warmest Record warmest

February 2025: dry

Total: 0.29" Rank: 20th driest Anomaly: -0.86"

Arizona - Precipitation
February 2025, Percentile



WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Pselm, created 05 Mar 2025.

Monthly County Precipitation

February 2025

Preliminary data from NOAA/NCEI as of 3/19/25

Arizona Counties	Total	Depart	Rank
Apache	0.31"	-0.68"	17 th driest (tie)
Cochise	0.08"	-0.87"	14 th driest
Coconino	0.65"	-0.59"	43 rd driest
Gila	0.56"	-1.54"	22 nd driest (tie)
Graham	0.14"	-1.12"	14 th driest
Greenlee	0.17"	-1.08"	10 th driest (tie)
La Paz	0.04"	-0.68"	21 st driest (tie)
Maricopa	0.04"	-0.95"	12 th driest (tie)
Mohave	0.42"	-0.79"	35 th driest (tie)
Navajo	0.30"	-0.66"	20 th driest (tie)
Pima	0.04"	-0.93"	8 th driest (tie)
Pinal	0.05"	-1.14"	10 th driest
Santa Cruz	0.03"	-1.22"	10 th driest (tie)
Yavapai	0.47"	-1.27"	30 th driest (tie)
Yuma	0.00"	-0.56"	Tied driest

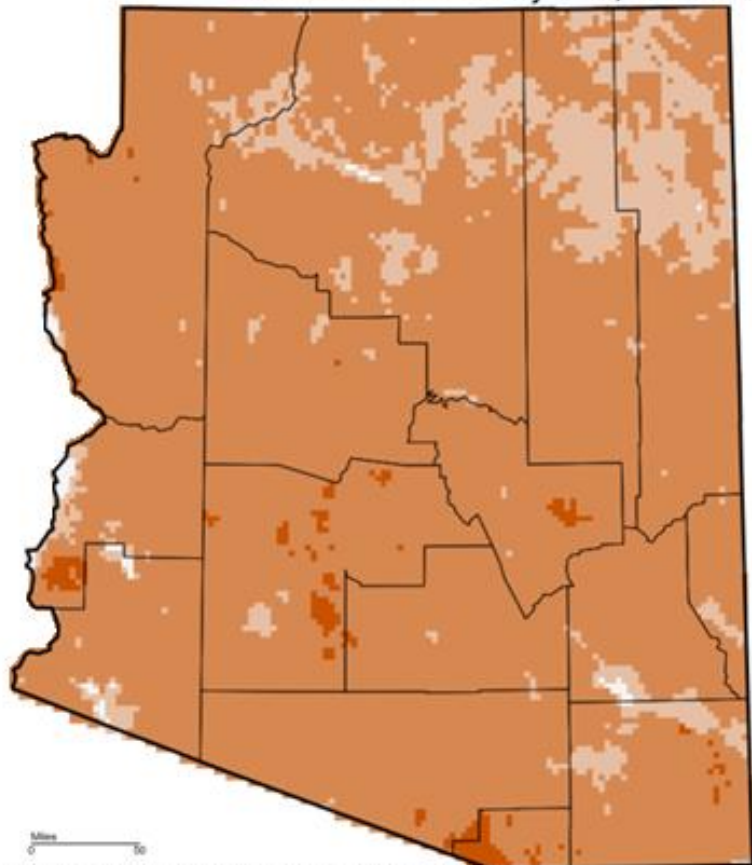
Record driest	Top 10% driest	Top 33% driest	Normal	Top 33% wettest	Top 10% wettest	Record wettest
---------------	----------------	----------------	--------	-----------------	-----------------	----------------

Water Year 2025: warm and dry

6th warmest Oct-Feb

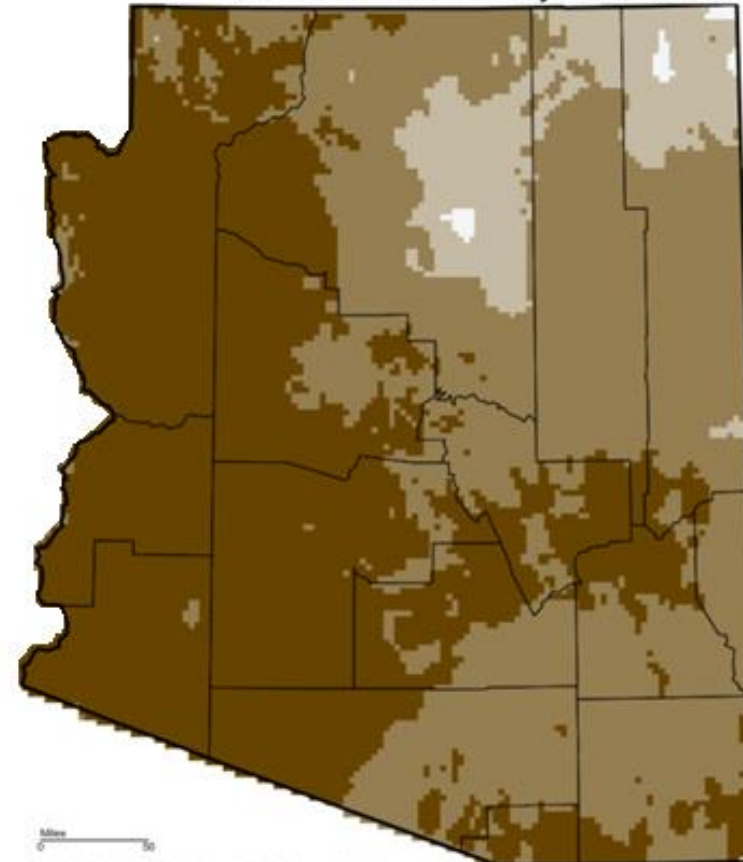
3rd driest Oct-Feb

Arizona - Mean Temperature
October 2024 - February 2025, Percentile



WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Profs, created 05 Mar 2025

Arizona - Precipitation
October 2024 - February 2025, Percentile



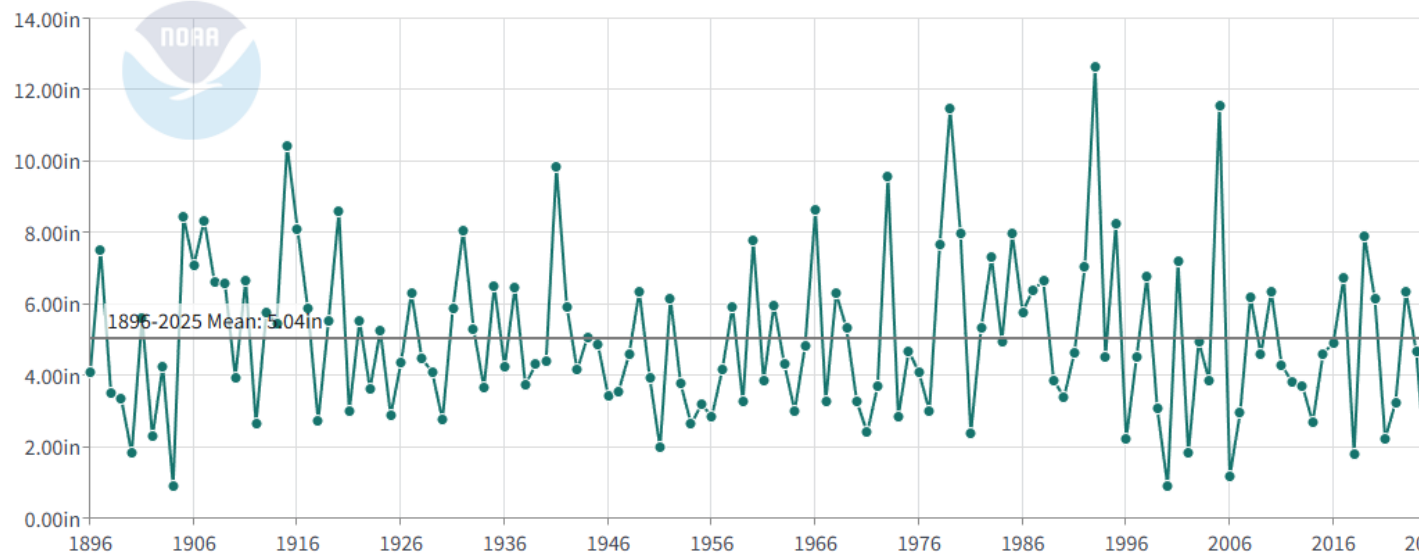
WestWide Drought Tracker, WRCC, Climate Engine, Data Source: PRISM Profs, created 05 Mar 2025

WY2025: 23% of long-term Oct-Feb precipitation

Long-term statewide average precipitation Oct-Feb (1896-2025): 5.04"
 Total WY2025: 1.17" Anomaly: -3.87" 3rd driest Oct-Feb

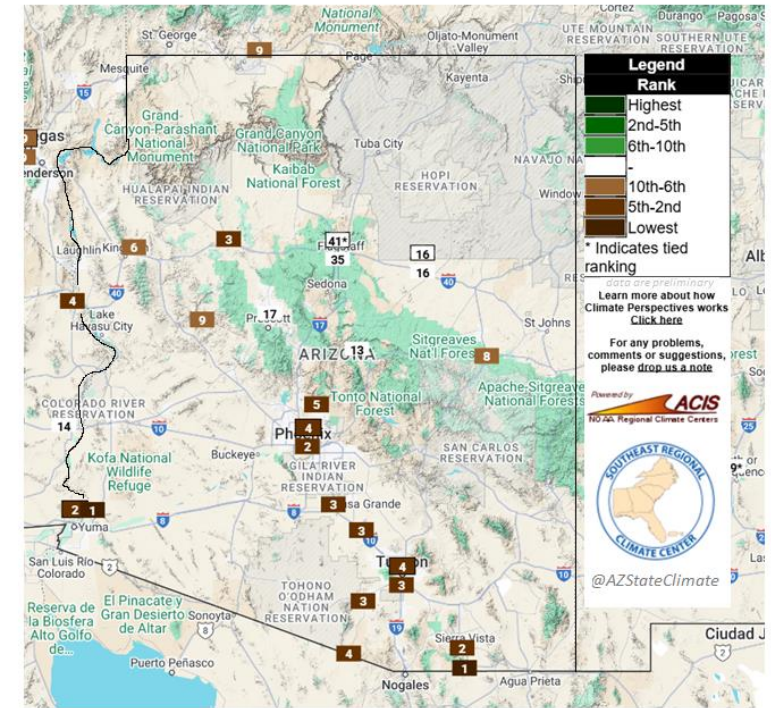
Arizona Precipitation

October-February

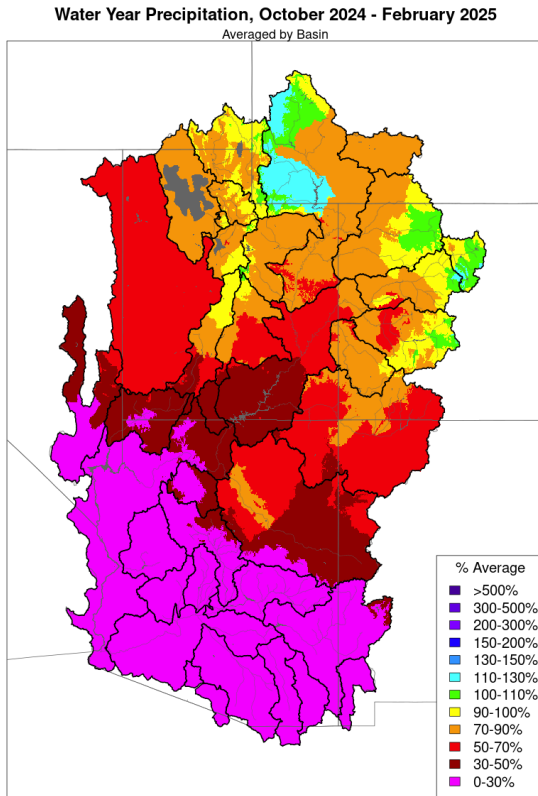


Precipitation Rankings

October 1 2024 to March 17 2025

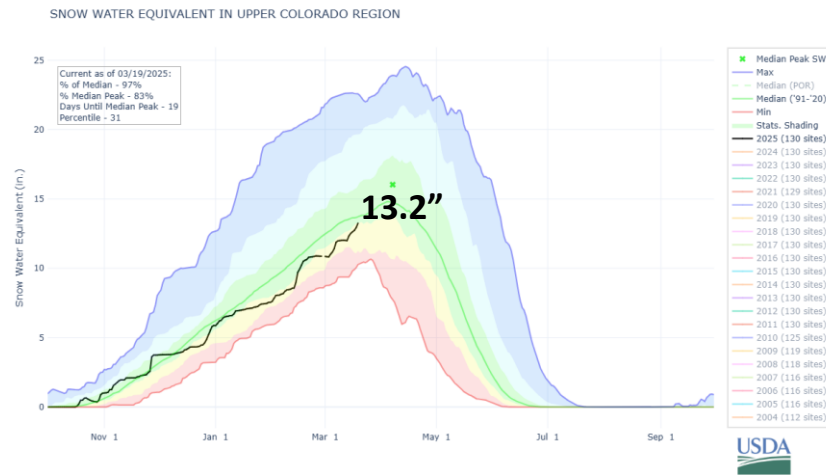


Snow Water Equivalent (SWE) 2025

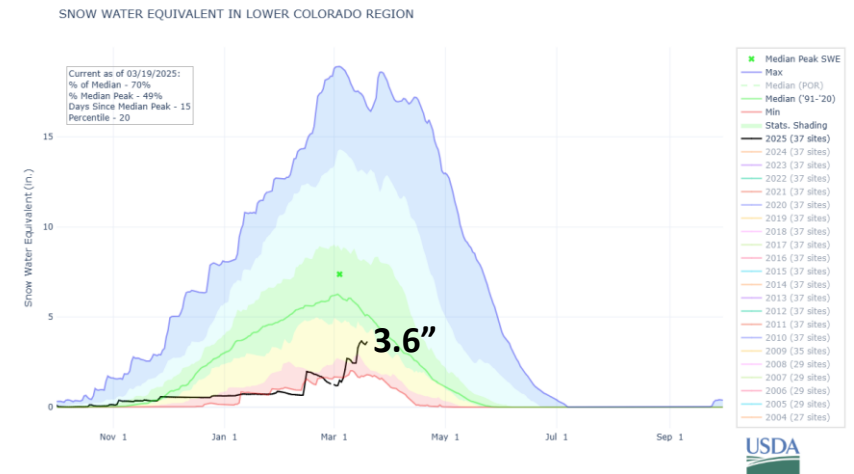


Prepared by NOAA, Colorado Basin River Forecast Center
Salt Lake City, Utah, www.cbrfc.noaa.gov

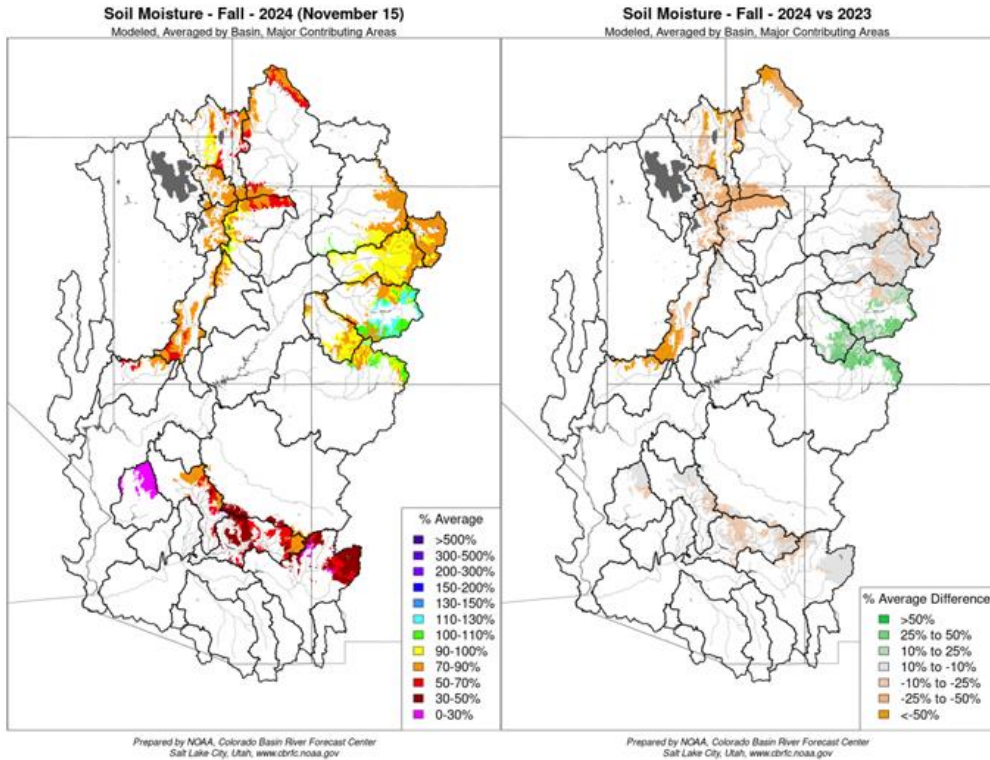
Upper CO basin 97% of median on 3/17



Lower CO basin 70% of median on 3/17

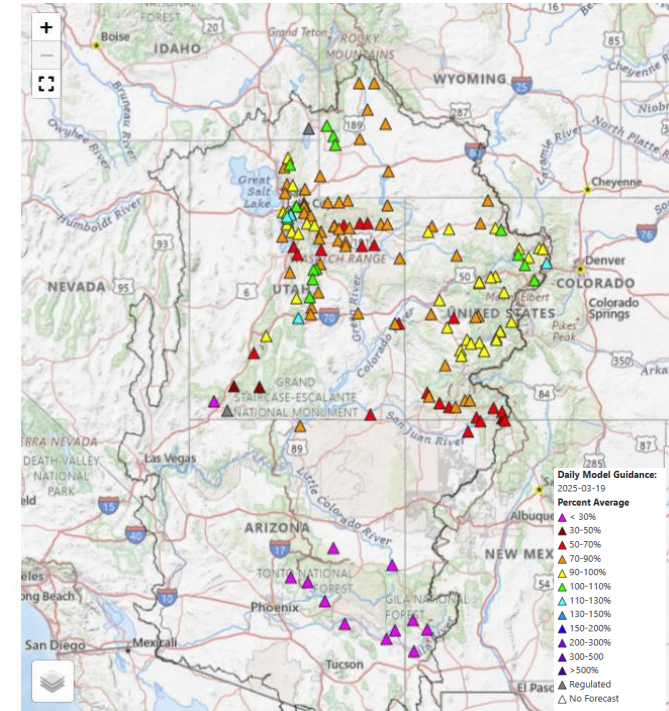


Soil moisture helps spring runoff



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

Colorado Basin River Forecast Center Mid-March 2025 Water Supply Outlook			
UPPER COLORADO RIVER BASIN			
Basin	Volume (KAF)	%Normal (1991-2020)	Period
Lake Powell	4500	70	Apr-Jul
Green River Basin			
Green-Flaming Gorge Reservoir	750	78	Apr-Jul
Yampa-Deerlodge	1100	92	Apr-Jul
Duchesne-Tabiona	80	78	Apr-Jul
Colorado River Headwaters			
Colorado-Kremmling	870	100	Apr-Jul
Eagle-Gypsum	330	98	Apr-Jul
Roaring Fork-Glenwood Springs	560	86	Apr-Jul
Colorado-Cameo	2050	90	Apr-Jul
Southwest Colorado			
Gunnison-Blue Mesa Reservoir	550	86	Apr-Jul
Dolores-McPhee Reservoir	150	59	Apr-Jul
San Juan-Navajo Reservoir	340	54	Apr-Jul
Animas-Durango	290	75	Apr-Jul
GREAT BASIN			
Bear-UT/WY State Line	90	83	Apr-Jul
Weber-Oakley	86	78	Apr-Jul
Big Cottonwood Creek	32	93	Apr-Jul
Provo-Woodland	87	90	Apr-Jul
Sevier-Hatch	18.0	34	Apr-Jul



The model supply outlook shows Upper CO basin 50-80% of normal supply Apr-Jun CBRFC

Short-term drought has advanced

Water Year 2025

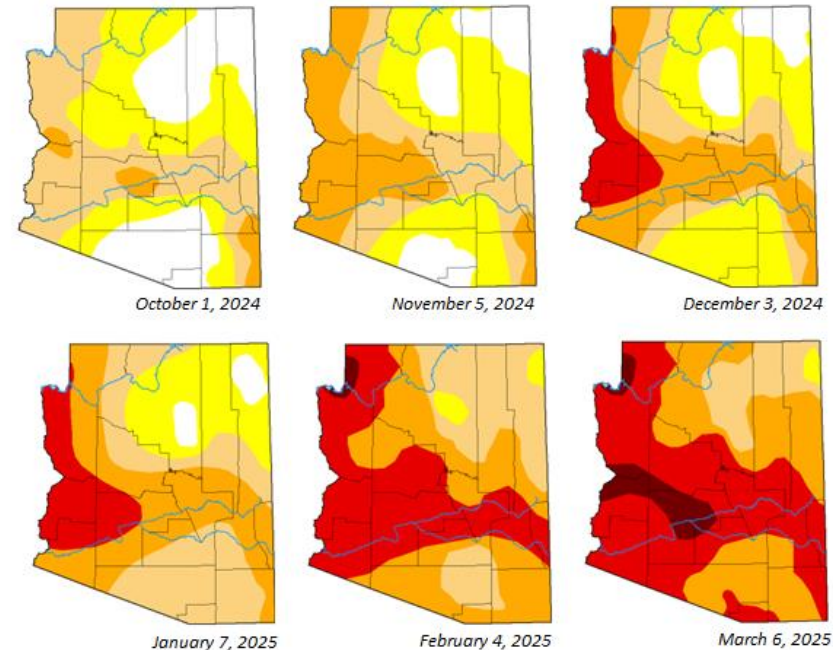
Arizona Short-Term Drought

October 1, 2024 to March 6, 2025

Arizona Short-Term Drought

October 1, 2024 to March 6, 2025

Percentage of change short-term drought (%) <i>Water Year 2025</i>			
Category	1-Oct-24	6-Mar-25	Change (WY2025)
No Drought	28	0	-28
D0 - Abnormally Dry	32	1	-31
D1 - Moderate Drought	35	11	-24
D2 - Severe Drought	5	33	28
D3 - Extreme Drought	0	48	48
D4 - Exceptional Drought	0	7	7



USDA NDMC IOWA NOAA

droughtmonitor.unl.edu

@AZStateClimate

USDA NDMC IOWA NOAA

droughtmonitor.unl.edu

@AZStateClimate

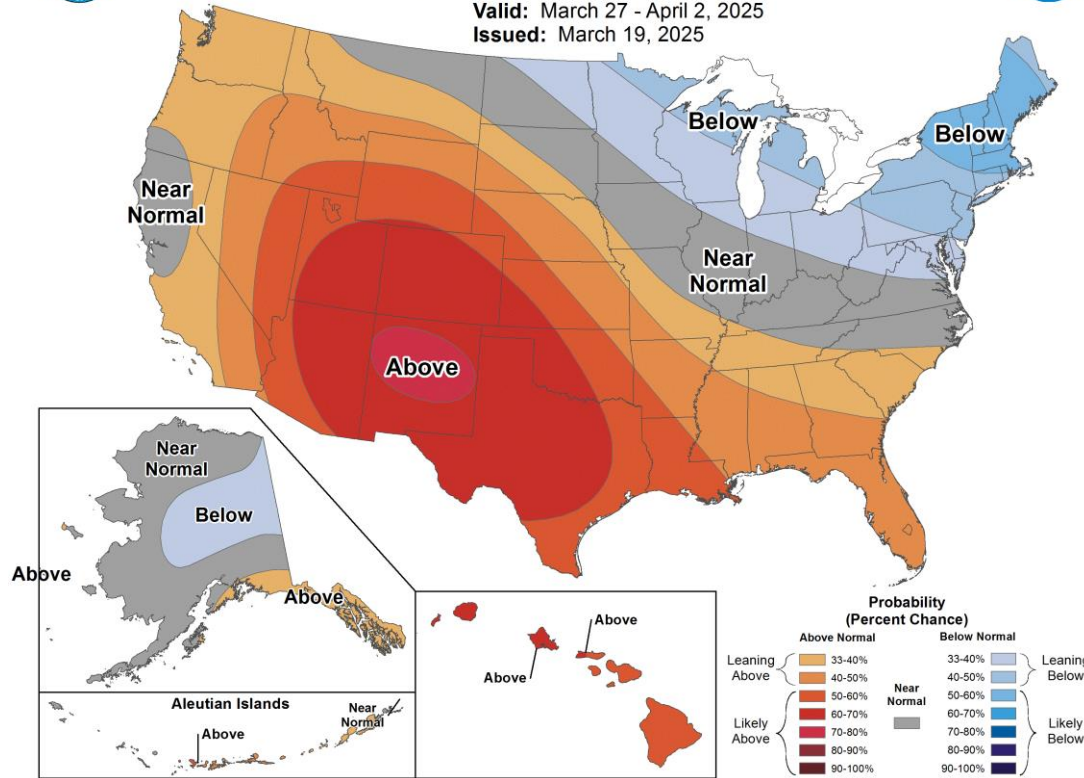
Last time Maricopa County had D4 was July 2021
Was also last time AZ had this amount of D4 in state



8-14 Day Temperature Outlook



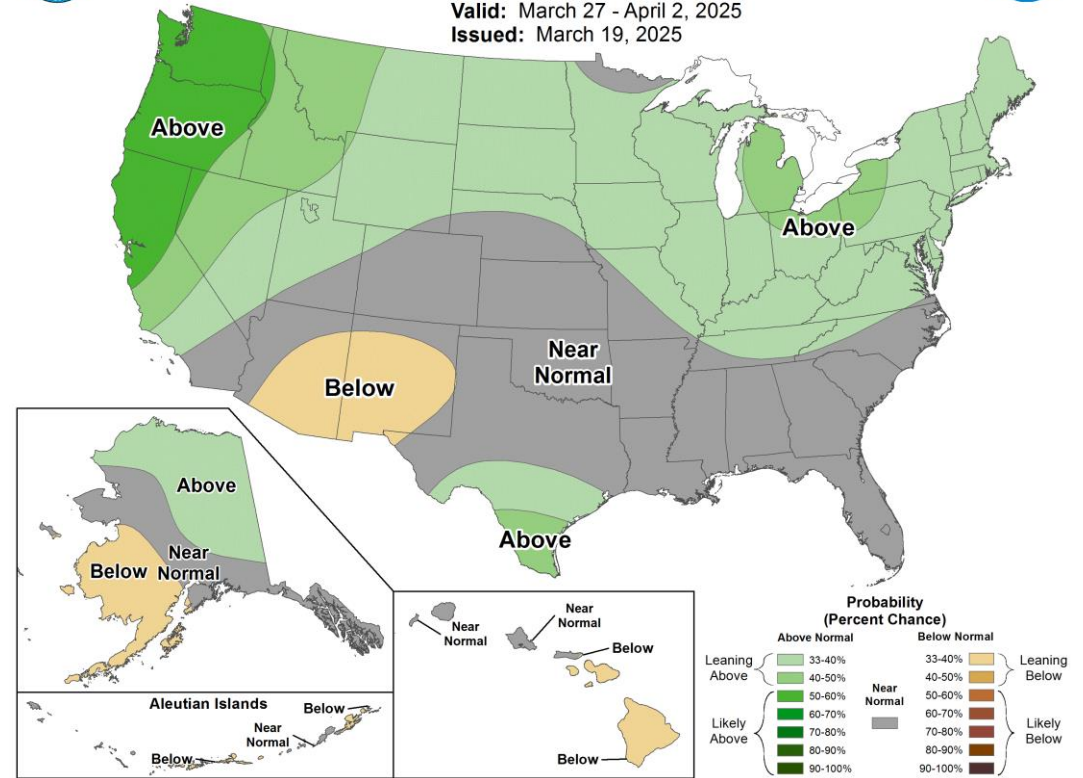
Valid: March 27 - April 2, 2025
Issued: March 19, 2025



8-14 Day Precipitation Outlook



Valid: March 27 - April 2, 2025
Issued: March 19, 2025



Spring precipitation can build wildfire fuel

Winter 2025: below average... 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
2025	Dry <i>(La Nina)</i>	???

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

@AZStateClimate

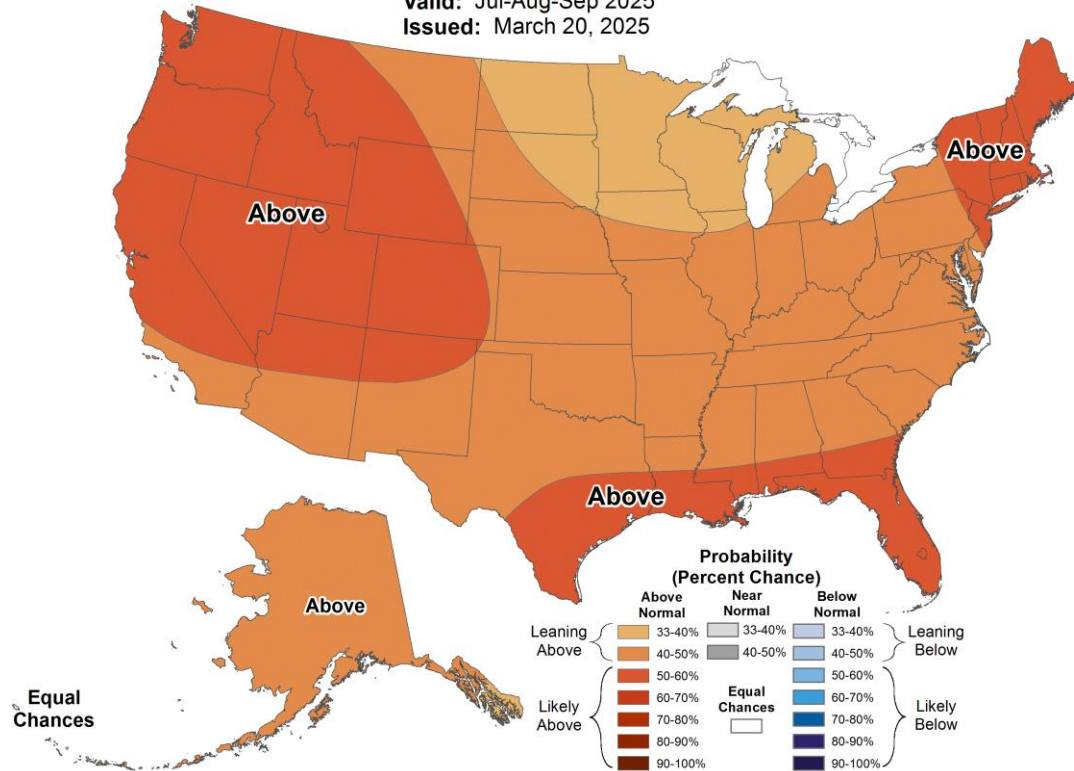
Statewide seasonal precipitation compared to the long-term average



Seasonal Temperature Outlook



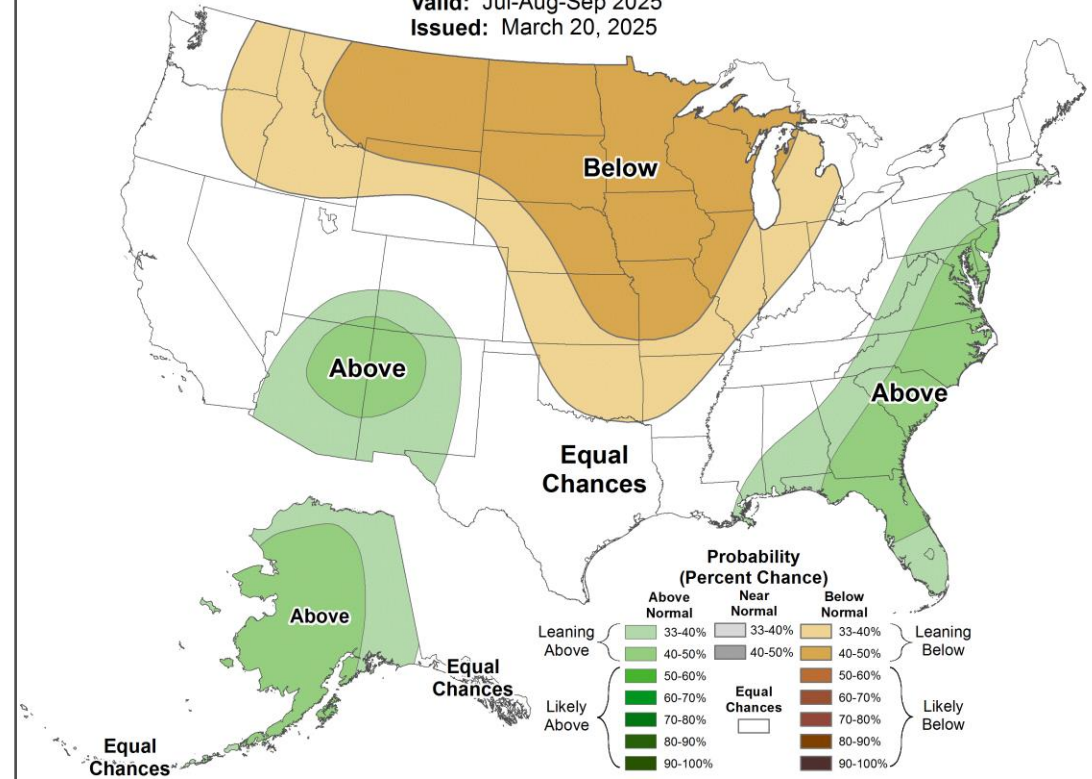
Valid: Jul-Aug-Sep 2025
Issued: March 20, 2025



Seasonal Precipitation Outlook



Valid: Jul-Aug-Sep 2025
Issued: March 20, 2025



Late April into May usually start showing better signs for the monsoon setup

Report Selected Date

Phoenix Weather

Today's normals **79°/55 °(F)**
 Yesterday's High/Low **82°/56 °(F)**
 Humidity **57 / 18 (%)**

Source: National Weather Service

Information is prepared by SRP for water management professionals and recreational boaters and is subject to change. SRP does not guarantee the accuracy of this information nor make representations as to its fitness for a particular purpose. If you have questions about this report, please click here to [Contact Us](#).

Dr. Bo Svoma

Principal Climate Scientist
 Meteorologist
 Salt River Project

	% Full	Current Elevation (ft)	Current Storage (af)	Remaining Elevation (ft)	Available Storage (af)	24 hr. Change	Rain (inches)
Agua Fria Dam	68	2,124.17	1,113,253	26.83	518,279	506	n/r
Chino Dam	92	1,906.28	225,101	7.72	20,037	-762	n/r
Chino Flat Dam	96	1,657.86	55,363	2.64	2,489	630	n/r
Chino Mountain Dam	92	1,524.71	64,471	4.29	5,294	-390	n/r
Total	73		1,458,188		546,099	-16	
Chino	53	2,004.04	58,024	21.96	51,193	435	n/r
Chino Flat	52	1,760.71	93,078	37.29	85,108	-366	n/r
Total	53		151,102		136,301	69	
System	70		1,609,290		682,400	53	
Chino	85						

	Today	Normal	Yesterday Average	%
Chino	109	1,610	102	6
Chino Flat	26	139	31	22
Chino Mountain	247	401	255	64
Total	382	2,150	388	18
Chino	142			
Chino Flat	124			