



Drought Information Statement for Northern Arizona

Valid February 17, 2024

Issued By: WFO Flagstaff, AZ

Contact Information: nws.flagstaff@noaa.gov

- This is the final update for this drought episode as conditions have improved to D2 or better.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/fgz/Drought> for previous statements.



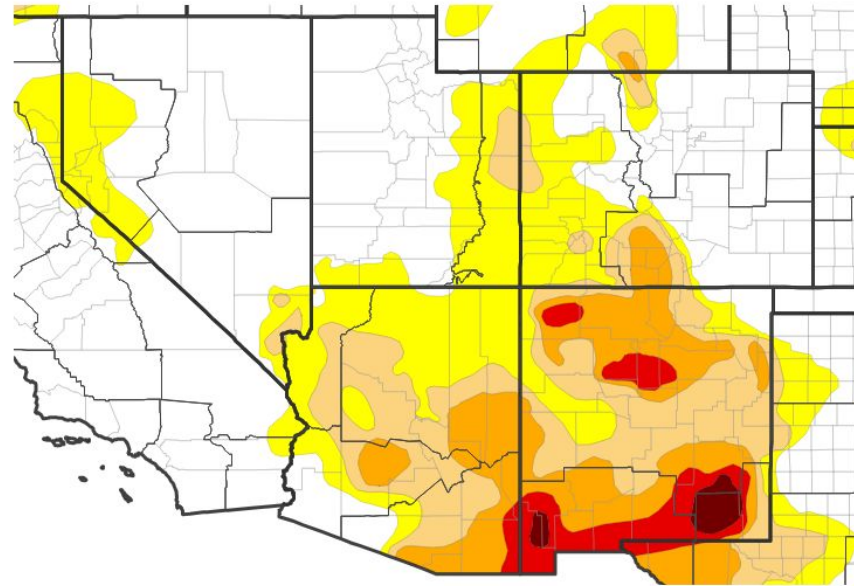


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for the southwest United States

- Drought intensity and Extent
 - **D2 (Severe Drought):** Southern Navajo, southern Apache, eastern Gila counties.
 - **D1 (Moderate Drought):** Yavapai, southern and western Coconino, western Gila, central Navajo and Apache counties.
 - **D0: (Abnormally Dry):** Much of Coconino, northern Navajo, northern Apache counties.

U.S. Drought Monitor



U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 02/13/24

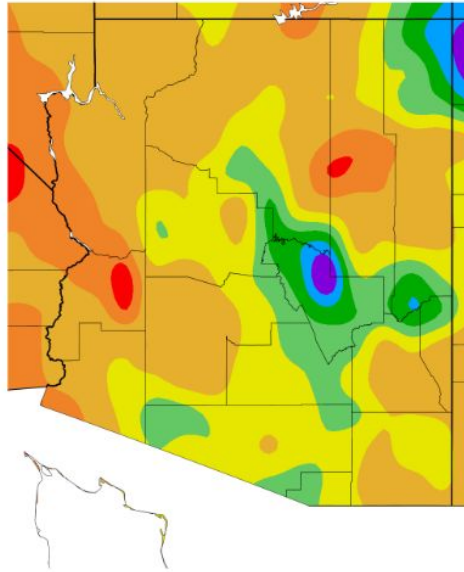




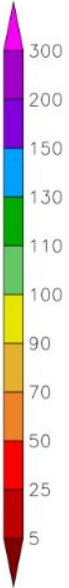
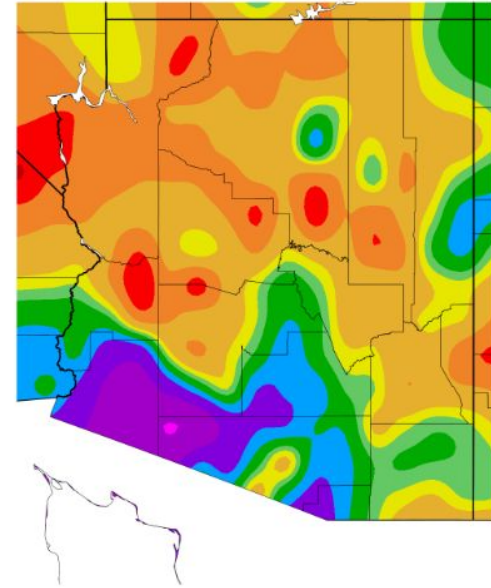
Precipitation

- Water Year precipitation (since Oct 1) has been 70-90% of normal for most of northern Arizona, with much of this precipitation falling in the past 30 days.
- Portions of northeast Arizona including the Chuska Mountain, and western Gila County have received above normal precipitation for the water year.

Precipitation (in)
10/1/2023 - 2/16/2024



Percent of Normal Precipitation (%)
10/1/2023 - 2/16/2024

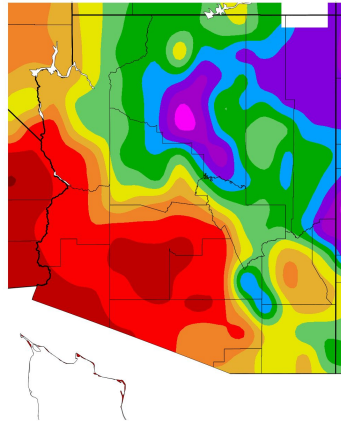




Temperature

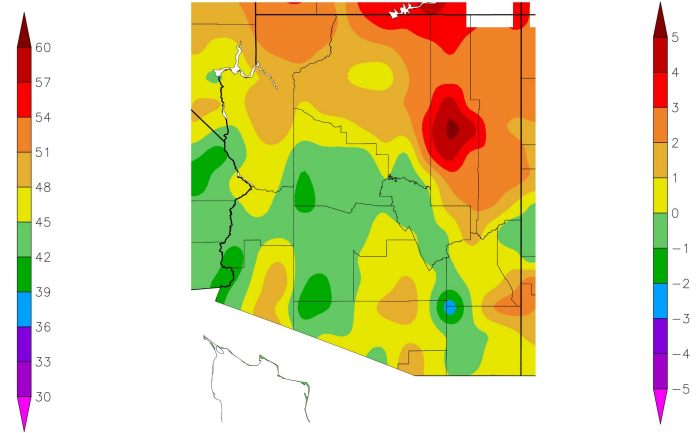
- Yavapai and Gila County were slightly cooler than normal over the past 30 days.
- The remainder of northern Arizona experienced near to slightly above normal temperatures.

Temperature (F)
1/17/2024 - 2/15/2024



Generated 2/16/2024 at HPRCC using provisional data.

Departure from Normal Temperature (F)
1/17/2024 - 2/15/2024



NOAA Regional Climate Centers ³²⁴ at HPRCC using provisional data.

NOAA Regional Climate Centers





Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- Streamflow has improved to near normal for most of northern Arizona.

Agricultural Impacts

- Soil moisture has greatly improved over the past 30-60 days, with most of northern Arizona in the normal range.

Fire Hazard Impacts

- Fire danger is low in northern Arizona due to recent precipitation.

Mitigation Actions

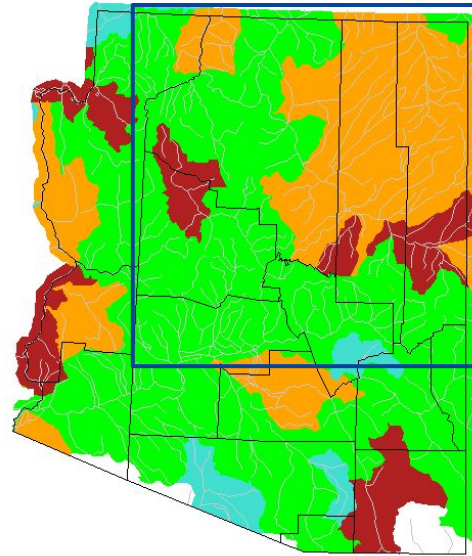
- Please refer to your municipality and/or water provider for mitigation information.





Hydrologic Conditions and Impacts

- Streamflow over much of northern Arizona has improved greatly over the past 30 days due to heavy precipitation.
- Areas of northeast Arizona experiencing below normal streamflow are likely to see improvements as the snowpack begins to melt.



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

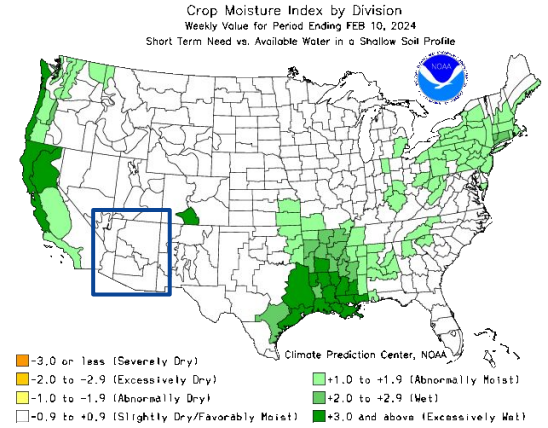
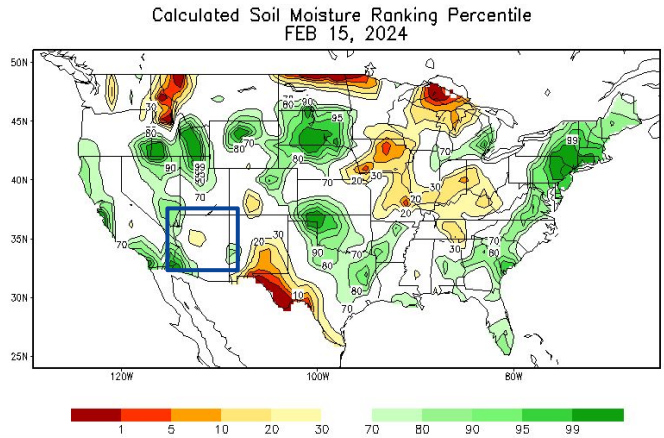
Image Caption: [USGS 7 day average streamflow HUC map](#) valid February 16, 2024





Agricultural Impacts

- Moderate to heavy precipitation over the past 30 days has resulted in major improvements in soil moisture.
- Only a small area of northwest Yavapai and western Coconino County remains in the 20-30th percentile.

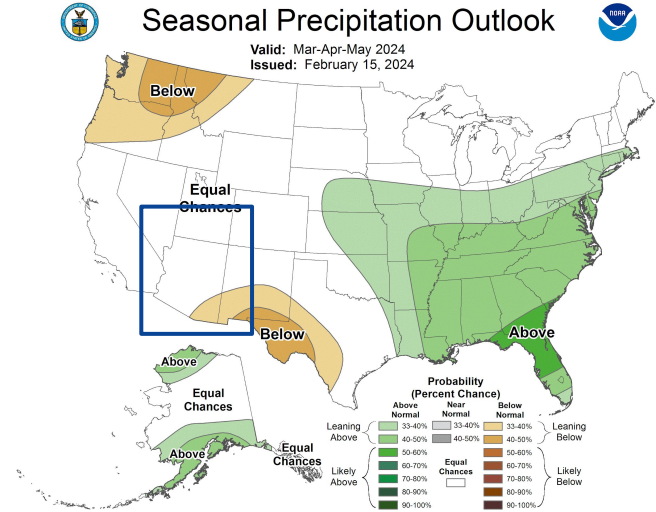
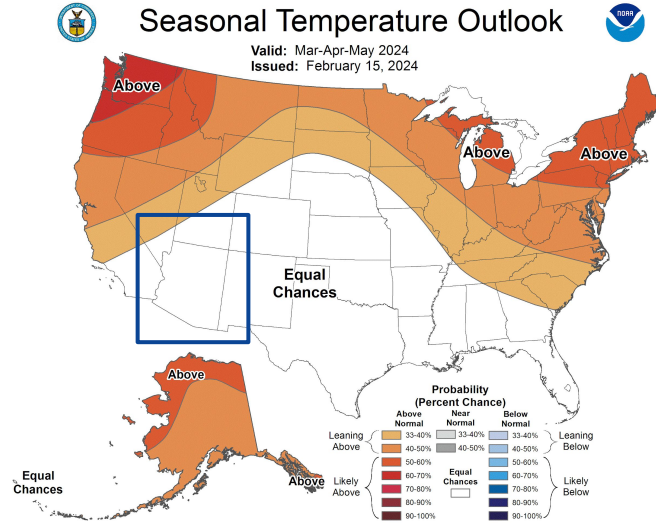




Long-Range Outlooks

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- The latest outlooks for March through May from the Climate Prediction Center indicate equal chances for below, near, and above normal temperatures and precipitation.



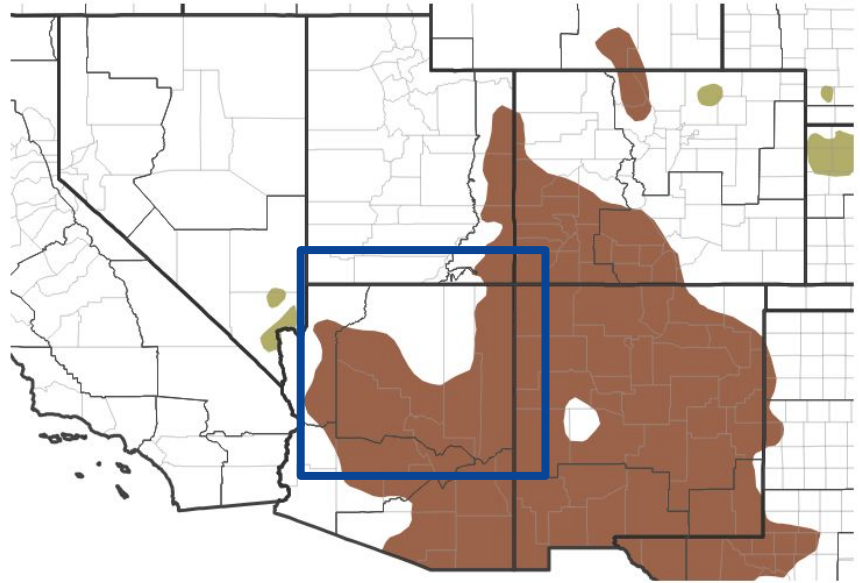


Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- Drought conditions are forecast to persist over much of the state through mid May.

Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



Source(s): Climate Prediction Center; image courtesy of Drought.gov

Data Valid: 02/15/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

