



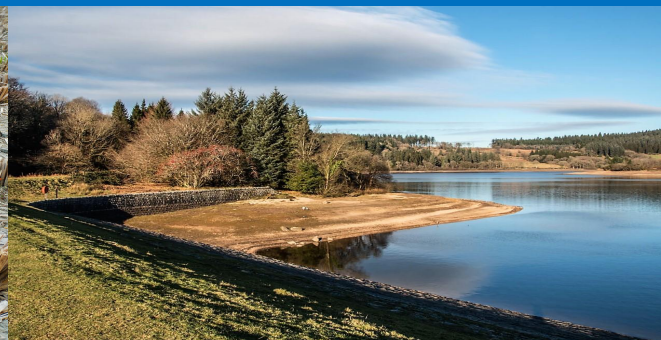
Drought Information Statement for Northern Arizona

Valid January 31, 2024

Issued By: WFO Flagstaff, AZ

Contact Information: nws.flagstaff@noaa.gov

- This product will be updated February 15, 2024 or sooner if drought conditions change significantly.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/fgz/Drought> for previous statements.



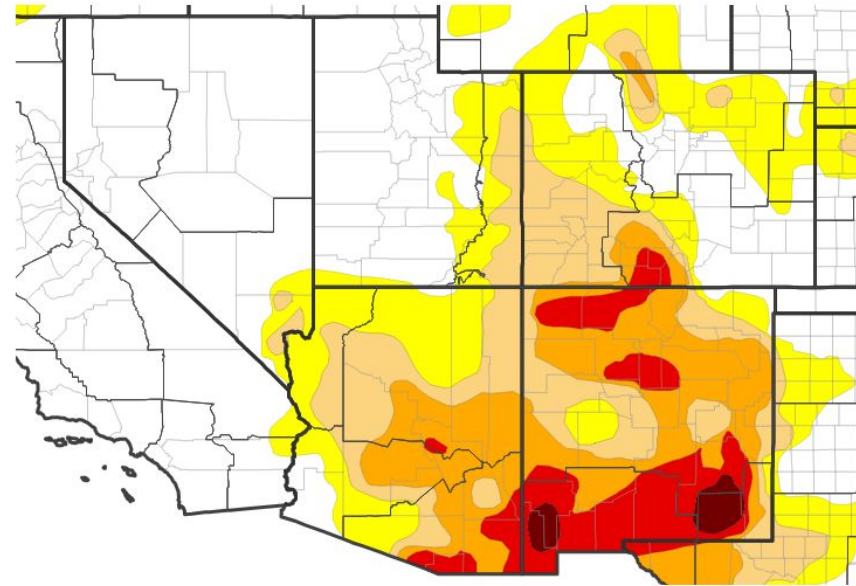


U.S. Drought Monitor

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

- EXTREME DROUGHT CONTINUES IN PARTS OF GILA COUNTY
- Drought intensity and Extent
 - D3 (Extreme Drought): West central Gila County
 - D2 (Severe Drought): Southeast Yavapai, Gila, extreme southern Coconino, southern Navajo, southern Apache counties.
 - D1 (Moderate Drought): Central and western Yavapai, southern Coconino, south central Navajo, central and northern Apache County.
 - D0: (Abnormally Dry): northern Coconino and Navajo counties.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 01/23/24

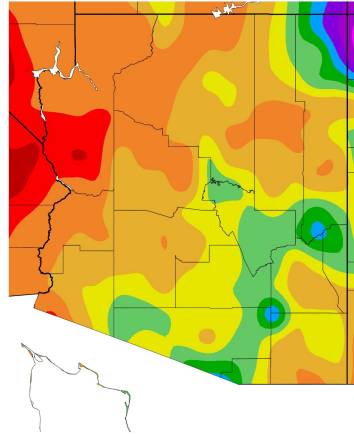




Precipitation

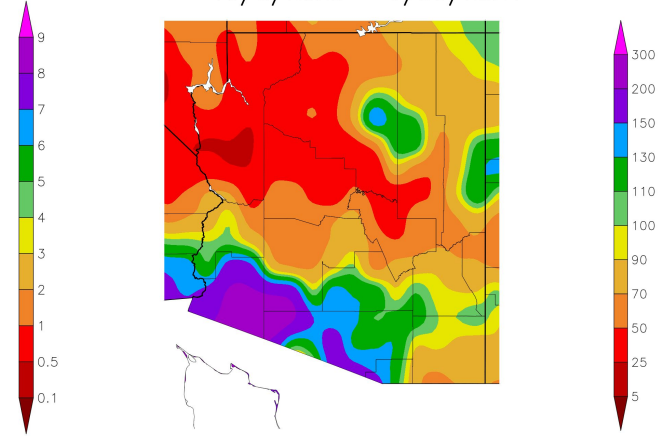
- 120-day precipitation has been less than 50% of normal for much of Yavapai and Coconino counties and along the Mogollon Rim into northern Gila County.
- The majority of the remainder of northern Arizona has received 50-90% of normal precipitation since early October.

Precipitation (in)
10/3/2023 - 1/30/2024



Generated 1/31/2024 at HPRCC using provisional data.

Percent of Normal Precipitation (%)
10/3/2023 - 1/30/2024



NOAA Regional Climate Centers at HPRCC using provisional data.

NOAA Regional Climate Centers

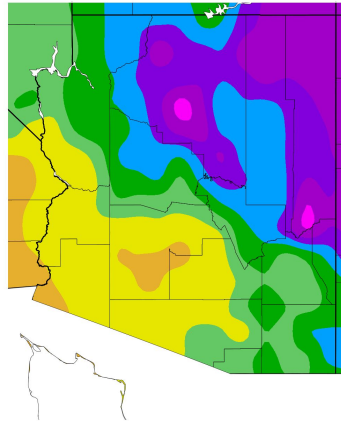




Temperature

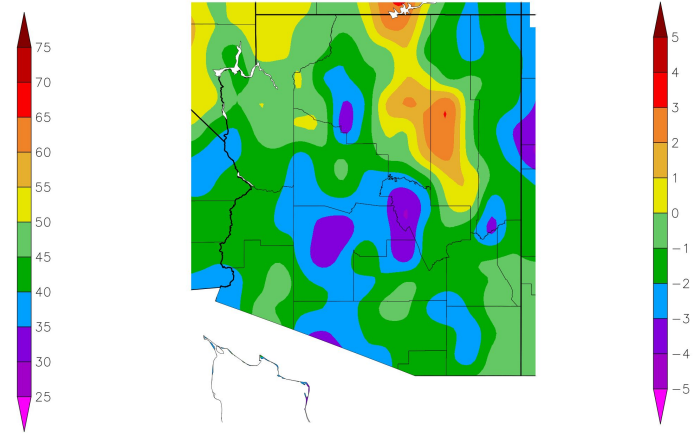
- Most of Arizona was cooler than normal over the past 30 days.

Temperature (F)
1/1/2024 – 1/30/2024



Generated 1/31/2024 at HPRCC using provisional data.

Departure from Normal Temperature (F)
1/1/2024 – 1/30/2024



NOAA Regional Climate Centers ⁰²⁴ 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 is well below normal for streams originating on the Mogollon Rim and White Mountains as well as much of western Arizona.

Agricultural Impacts

- Soil moisture is below the 20-30th percentile for most of northern Arizona, and below the 5-10th percentile in portions of Yavapai County.

Fire Hazard Impacts

- A drier than normal monsoon through mid winter has left fuels drier than usual for this time of year.
- However, enough precipitation has been received to limit fire danger to mostly the low category in northern Arizona.

Mitigation Actions

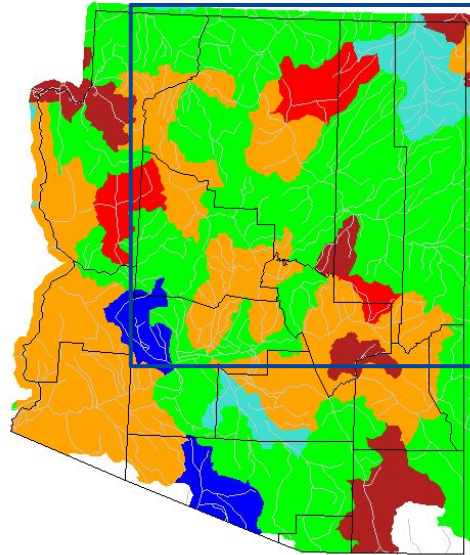
- Please refer to your municipality and/or water provider for mitigation information.





Hydrologic Conditions and Impacts

- Streamflow is well below normal for streams originating on the Mogollon Rim and White Mountains as well as much of western Arizona.



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 January 30, 2024

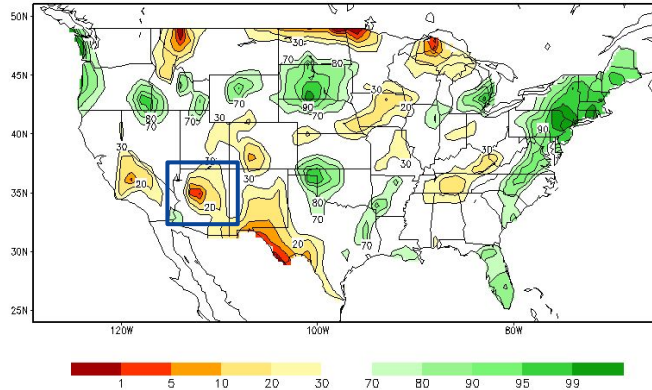




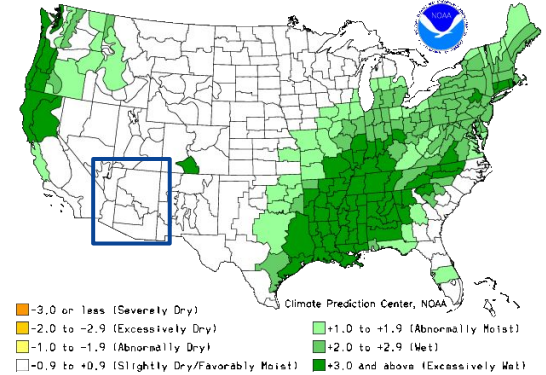
Agricultural Impacts

- Soil moisture is below the 20-30th percentile for most of northern Arizona, and below the 5-10th percentile in portions of Yavapai County.

Calculated Soil Moisture Ranking Percentile
JAN 30, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending JAN 27, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile

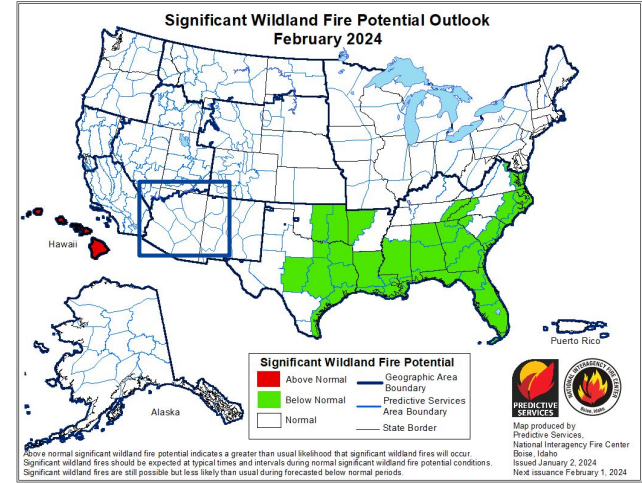
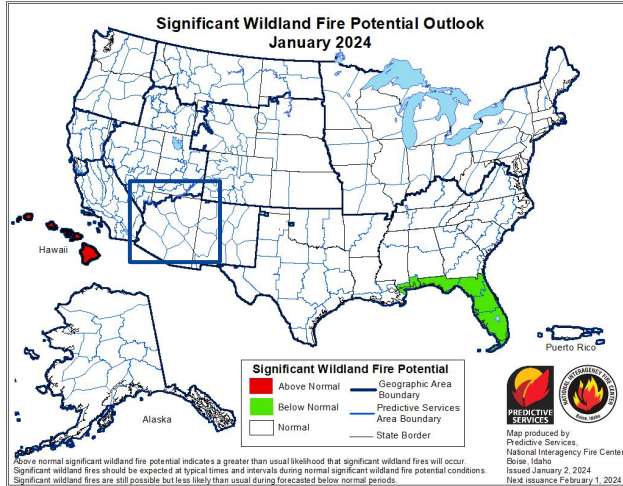




Fire Hazard Impacts

Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center.](#)

- A drier than normal monsoon through early winter has left fuels drier than usual for this time of year.
- However, enough precipitation has been received to limit fire danger to mostly the low category in northern Arizona.

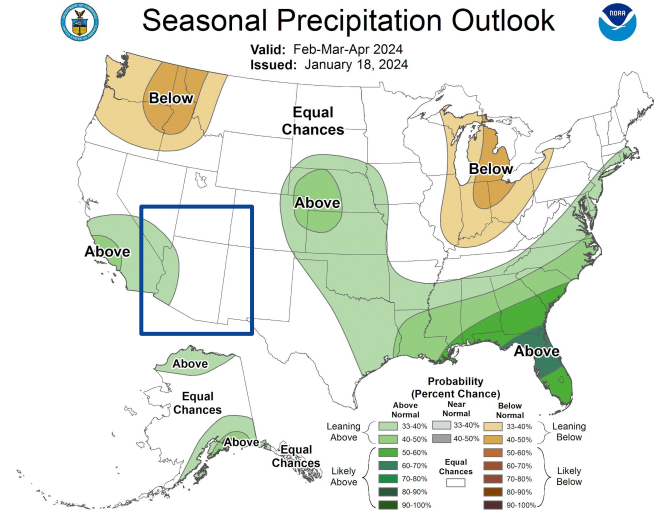
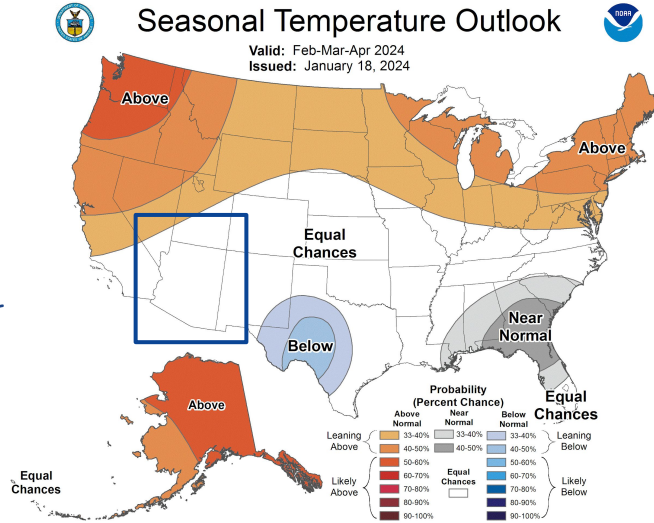




Long-Range Outlooks

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

- The latest outlooks for February through April 2024 from the Climate Prediction Center indicate equal chances for below, near, and above normal temperatures.
- Odds are slightly tilted toward wetter than normal conditions over far western Arizona with equal chances for above/below/near normal for the remainder of the state.



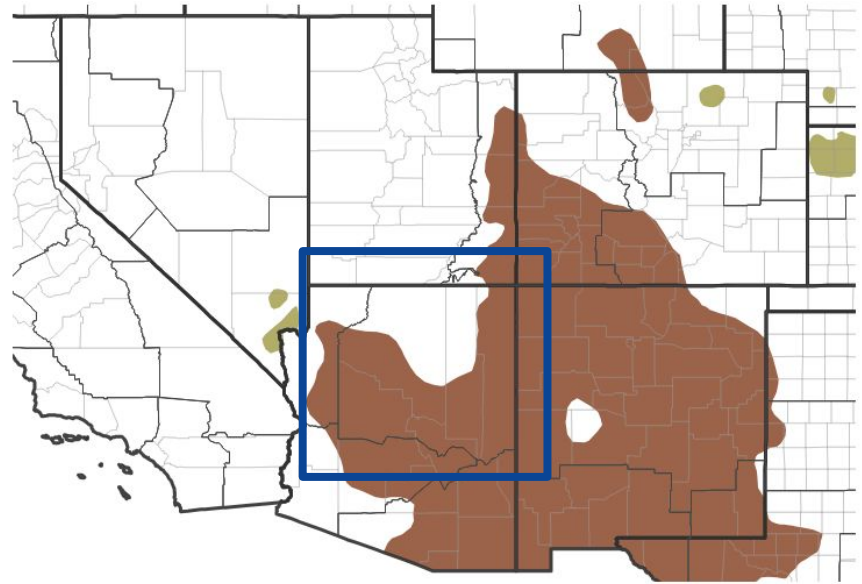


Drought Outlook

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 at least April 2024.

Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



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

Data Valid: 01/29/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

