



Drought Information Statement for Southeast Arizona

Valid February 7, 2025

Issued By: National Weather Service Tucson, AZ

Contact Information: w-twc.webmaster@noaa.gov

- This product will be updated by February 21, 2025 or sooner if drought conditions worsen significantly.
 - Please see all currently available products at <https://drought.gov/drought-information-statements>.
 - Please visit <https://www.weather.gov/twc/DroughtInformationStatement> for previous statements.
 - Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.
-
- Drier than normal conditions since late summer has led to slowly deteriorating drought conditions across southeast Arizona.
 - Extreme drought conditions across most of Graham and Greenlee counties.
 - Severe drought conditions across the rest of southeast Arizona except eastern Pima/Pinal counties (moderate drought conditions).



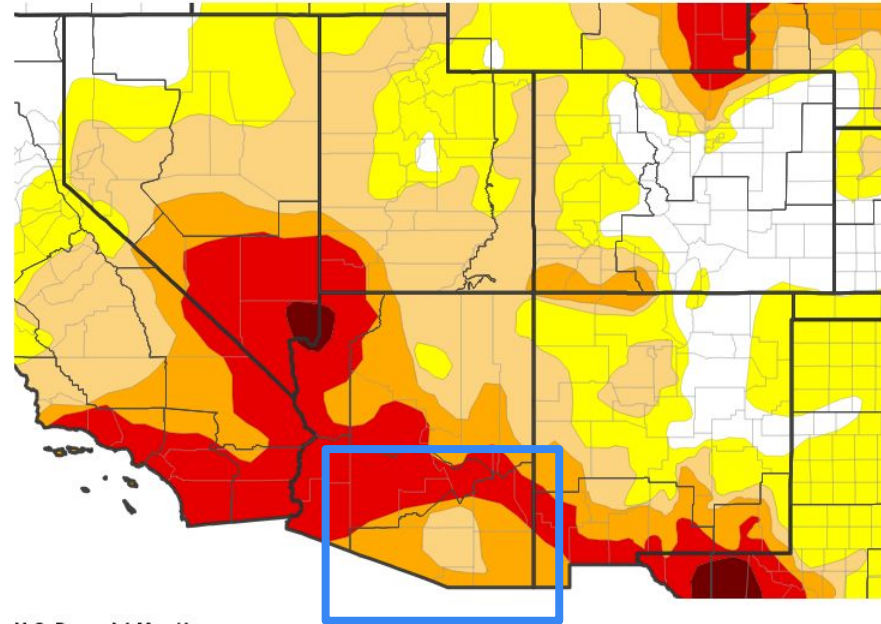


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for southeast Arizona

- Drought intensity and Extent
 - **D3 (Extreme Drought)**: Most of Greenlee county and northern half of Graham county.
 - **D2 (Severe Drought)**: The remainder of Graham & Greenlee counties, most of Cochise and Santa Cruz counties and western half of Pima county.
 - **D1 (Moderate Drought)**: Eastern Pima and Pinal counties and far western Cochise county.
 - **D0: (Abnormally Dry)**: No areas.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 02/04/25



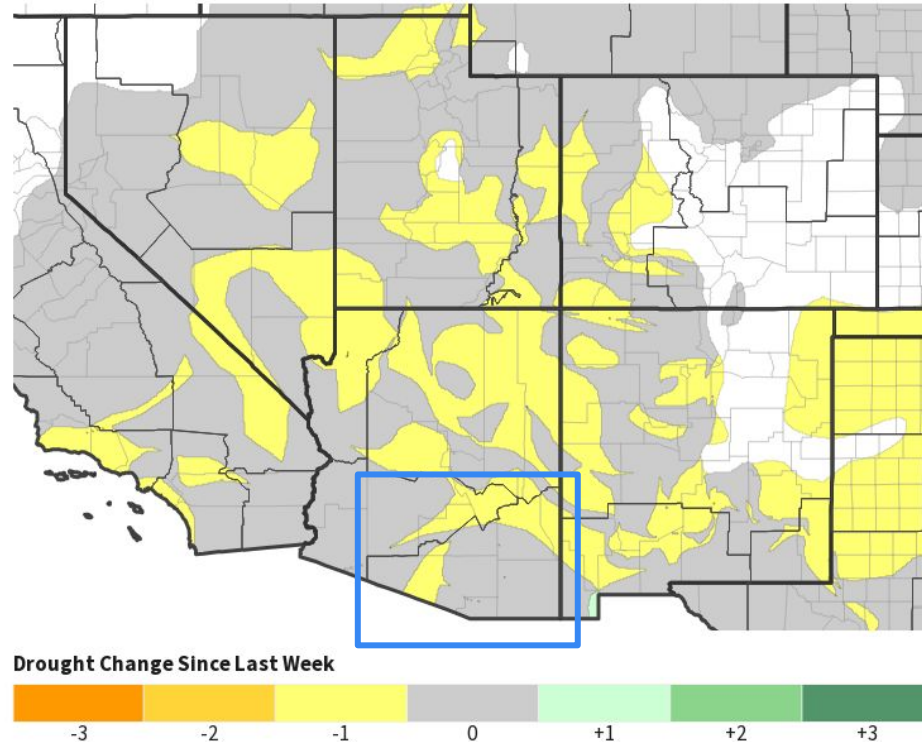


Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for [region]

- One Week Drought Monitor Class Change.
 - **Drought Worsened:** Most of Greenlee county and northern half of Graham county.
 - **No Change:** Remainder of southeast Arizona.
 - **Drought Improved:** No improvement was observed.

U.S. Drought Monitor 1-Week Change Map



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

Data Valid: 02/04/25

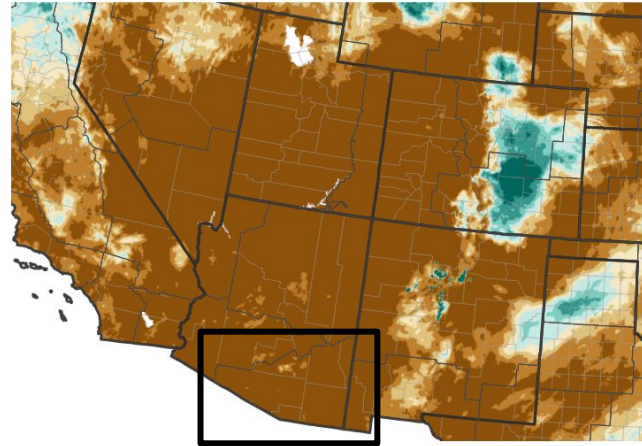




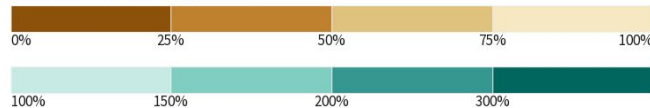
Precipitation

- Most of southeast Arizona has seen **very little precipitation** over the past 30 days.

30-Day Percent of Normal Precipitation

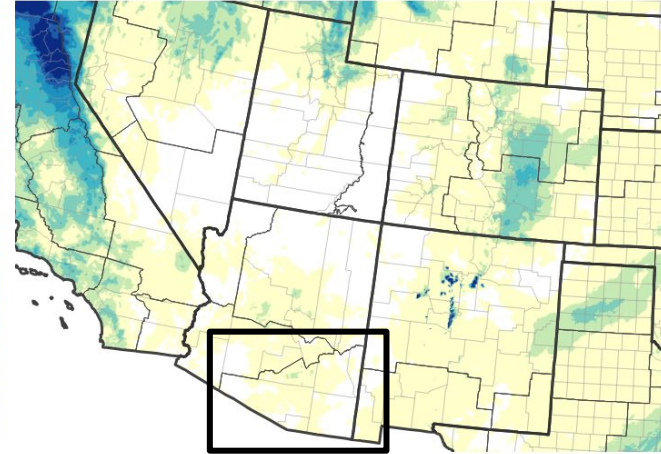


Percent of Normal Precipitation (%)

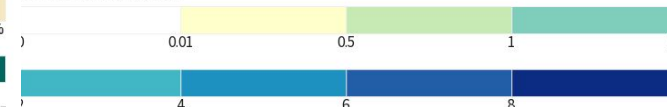


Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 02/07/25

30-Day Precipitation Accumulations (Inches)



Inches of Precipitation



Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 02/07/25
image courtesy of Drought.gov

Data over the past 30 days ending February 7, 2025

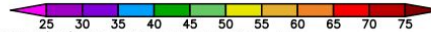
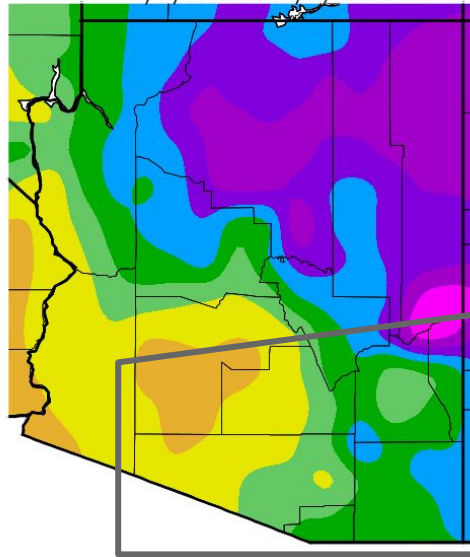




Temperature

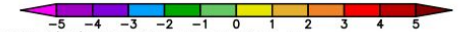
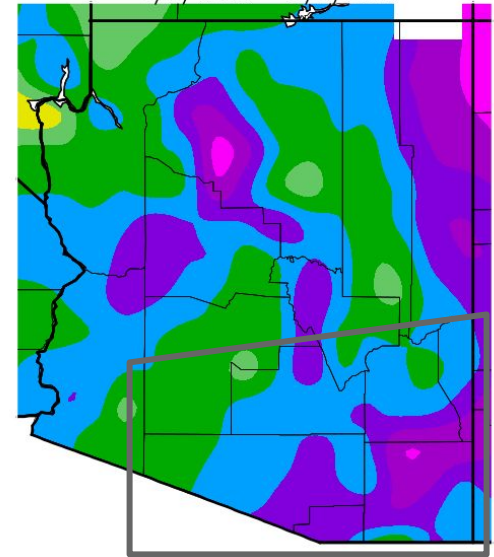
- Although the start of February has been very warm, thanks to the cooler than normal January, the average temperatures over the past 30 days have been mostly **2° to 5° below normal** for southeast Arizona.

Ave. Temperature (deg. F)
1/8/2025 – 2/6/2025



Generated 2/ 7/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Ave. Temperature dep from Ave (deg F)
1/8/2025 – 2/6/2025



Generated 2/ 7/2025 at WRCC using provisional data.
NOAA Regional Climate Centers

Image Captions:

Left - [Average Temperature for Arizona w/southeast Arizona in highlighted gray box](#)

Right - [Departure from Normal Temperature for Arizona w/southeast Arizona in highlighted gray box](#)

Data Courtesy Western Regional Climate Center.
Data over the past 30 days ending February 6, 2025





Summary of Impacts

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

Hydrologic Impacts

- Majority of the river basins in Southeastern Arizona have below to much below normal streamflow conditions. ([USGS Streamflow](#))

Agricultural Impacts

- Soil moisture values have decreased and are below normal due to the continued dry conditions across the area. ([Soil Moisture Observations](#))

Fire Hazard Impacts

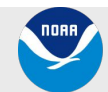
- Fire danger has been moderate to high due to the warm and dry conditions since the start of winter. This trend will stay likely elevated through the rest of winter and into spring, especially with the expected outlook of dry, warm, and breezy conditions. Significant fire potential will increase to above normal starting in March.

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

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

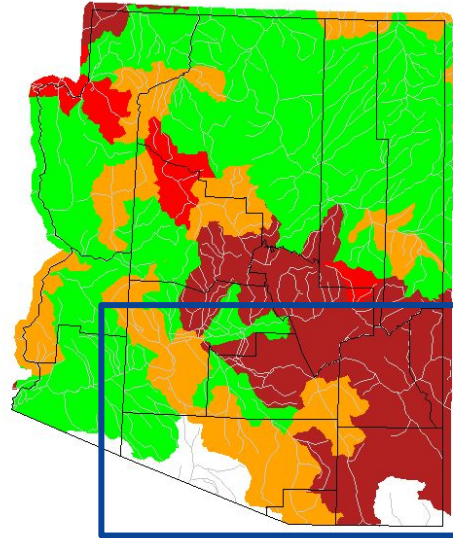




Hydrologic Conditions and Impacts

Thursday, February 06, 2025

- Majority of the river basins in Southeastern Arizona have below normal streamflow. With conditions in the Upper San Pedro River and Upper Gila River at much below normal streamflow.



5

| 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 6, 2025





Agricultural Impacts

- Soil moisture values are well below normal for this time of the year across southeast Arizona.

Calculated Soil Moisture Ranking Percentile
FEB 06, 2025

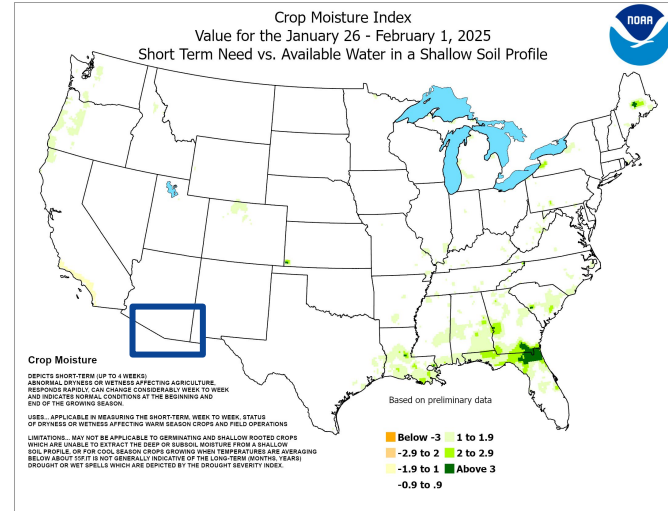
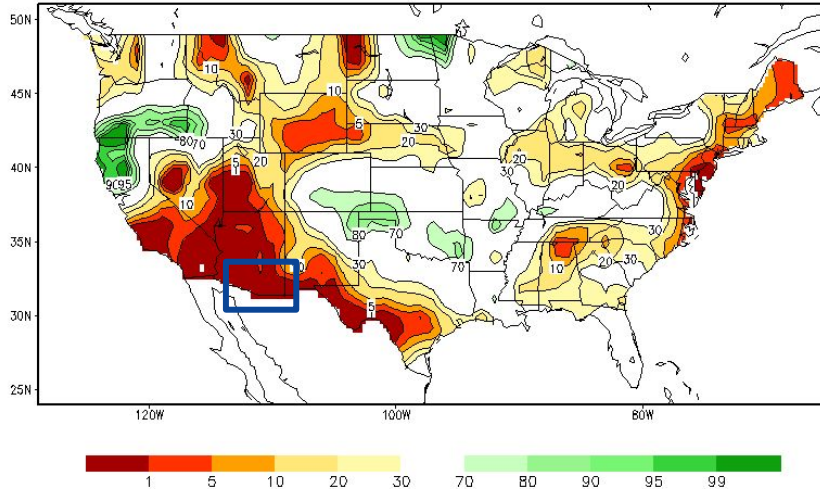


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid February 5, 2025

Right: [Crop Moisture Index](#). Weekly value for period ending February 1, 2025





Fire Hazard Impacts

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

- Significant fire potential will be normal across Arizona for February (left map).
- Areas of above normal fire potential will arise across southeast Arizona in March.

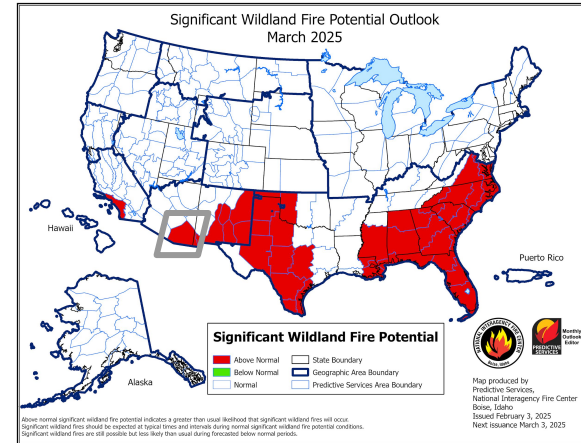
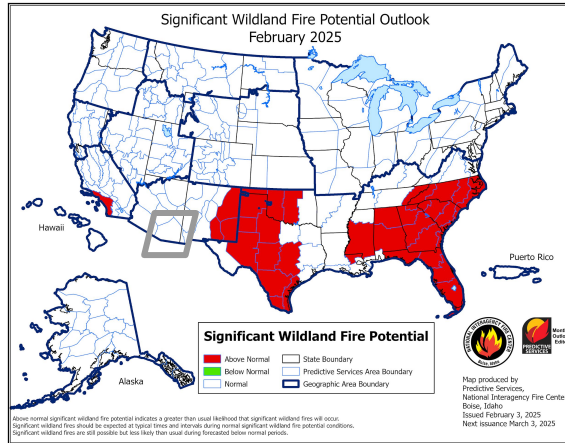


Image Captions:

The two images are for Significant Wildland Fire Monthly for the following month: Left: [February](#); Right: [March](#)

[National Wildland Significant Fire Potential Outlook text](#) issued February 3, 2025

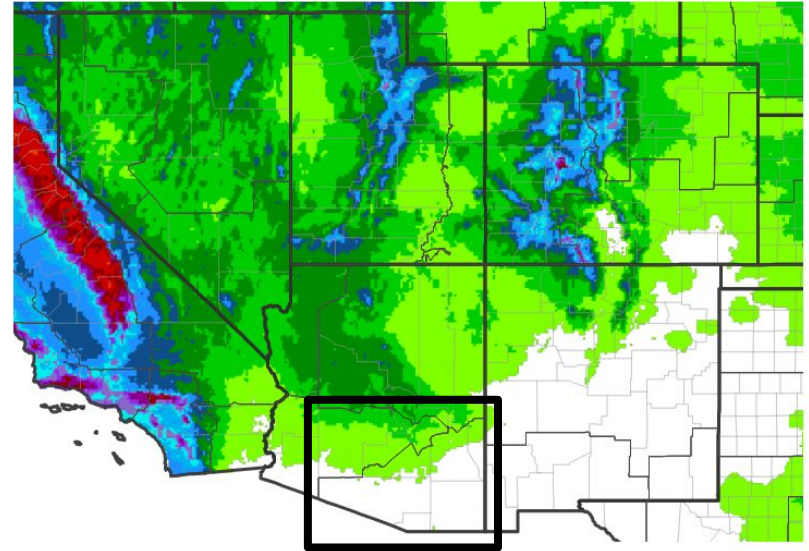




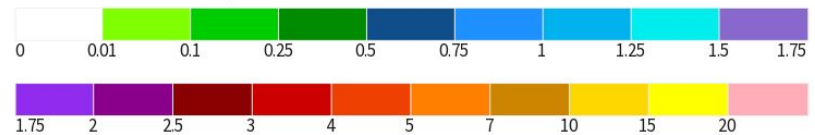
Seven Day Precipitation Forecast

- Dry conditions for most of the next 7 days. There is a slight chance, less than 20%, of very light precipitation on the 13th.

7-Day Quantitative Precipitation Forecast for February 7, 2025-February 14, 2025



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Last Updated: 02/07/25

Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Wednesday February 6, 2025 to Wednesday February 13, 2025





Rapid Onset Drought Outlook ??

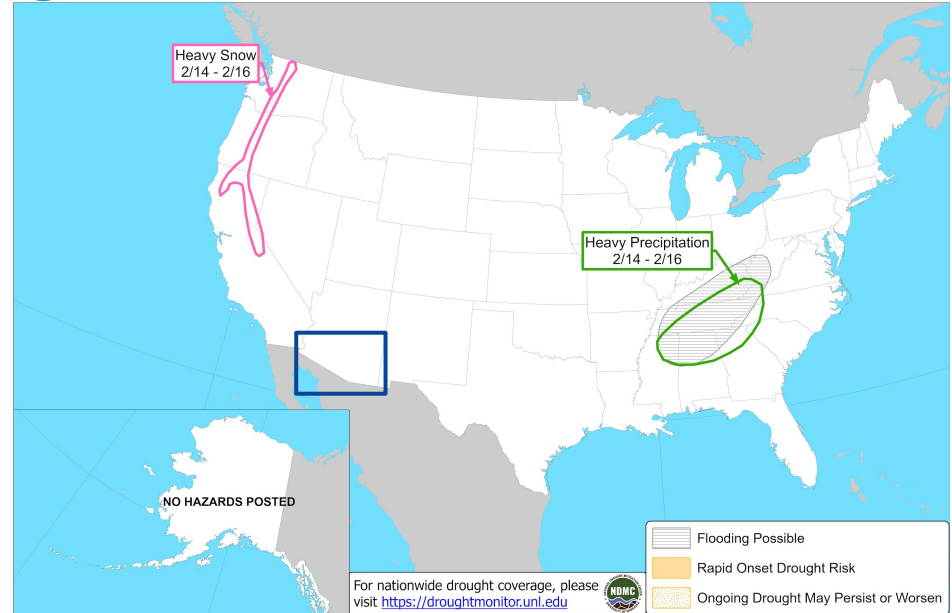
Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- Summarize conditions and impacts here



Days 8-14 U.S. Hazards Outlook

Valid: February 14 - 20, 2025



Climate Prediction Center

Released: February 6, 2025 3:00 PM EST

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Tucson, AZ

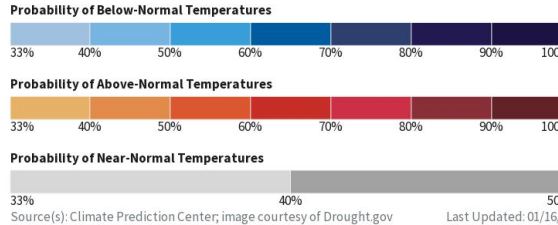
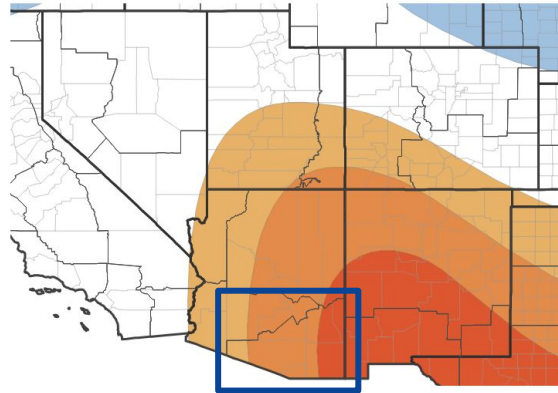


Long-Range Outlooks

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

- The temperature outlook for **February 1 to April 30** leans toward above normal, 40% to 60% chance across the entire area.
- The precipitation outlook for **February 1 to April 30** favors below normal precipitation, 40% to 60%, across the entire area.

Seasonal (3-Month) Temperature Outlook for February 1, 2025–April 30, 2025



Seasonal (3-Month) Precipitation Outlook for February 1, 2025–April 30, 2025

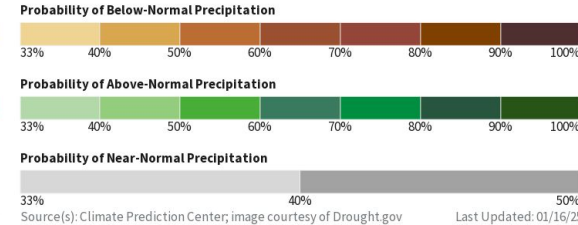
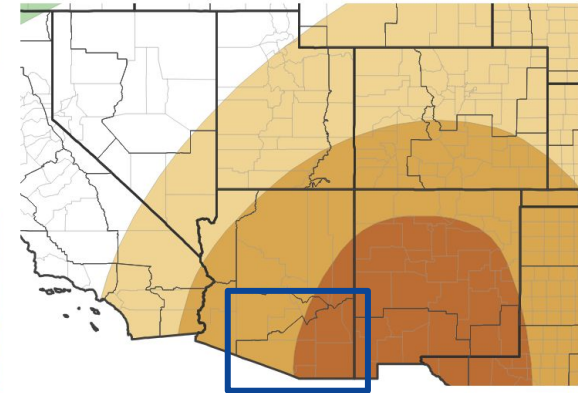


Image Captions:

Left - [Climate Prediction Center Seasonal Temperature Outlook](#),
 Right - [Climate Prediction Center Seasonal Precipitation Outlook](#),
 Valid February 1, 2025 to April 30, 2025



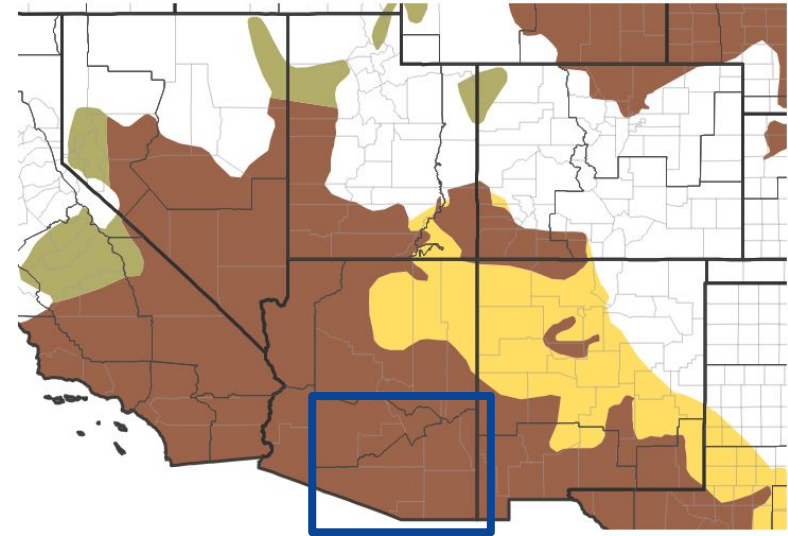


Drought Outlook

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

- Drought conditions with persist across southeast Arizona through mid-Spring.

Seasonal (3-Month) Drought Outlook for January 31, 2025–April 30, 2025



Drought Is Predicted To...



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

Last Updated: 01/31/25

Image Caption:

Climate Prediction Center Seasonal Drought Outlook Released January 31, 2025 valid for January 31, 2025 to April 30, 2025

Links to the latest:

- [Climate Prediction Center Monthly Drought Outlook](#)
- [Climate Prediction Center Seasonal Drought Outlook](#)

