



Drought Information Statement for Central & Southwest Kansas

Valid February 8, 2024

Issued By: WFO Dodge City

- This product will be updated when D3 drought returns, or sooner.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/DDC/DroughtInformationStatement> for previous statements.

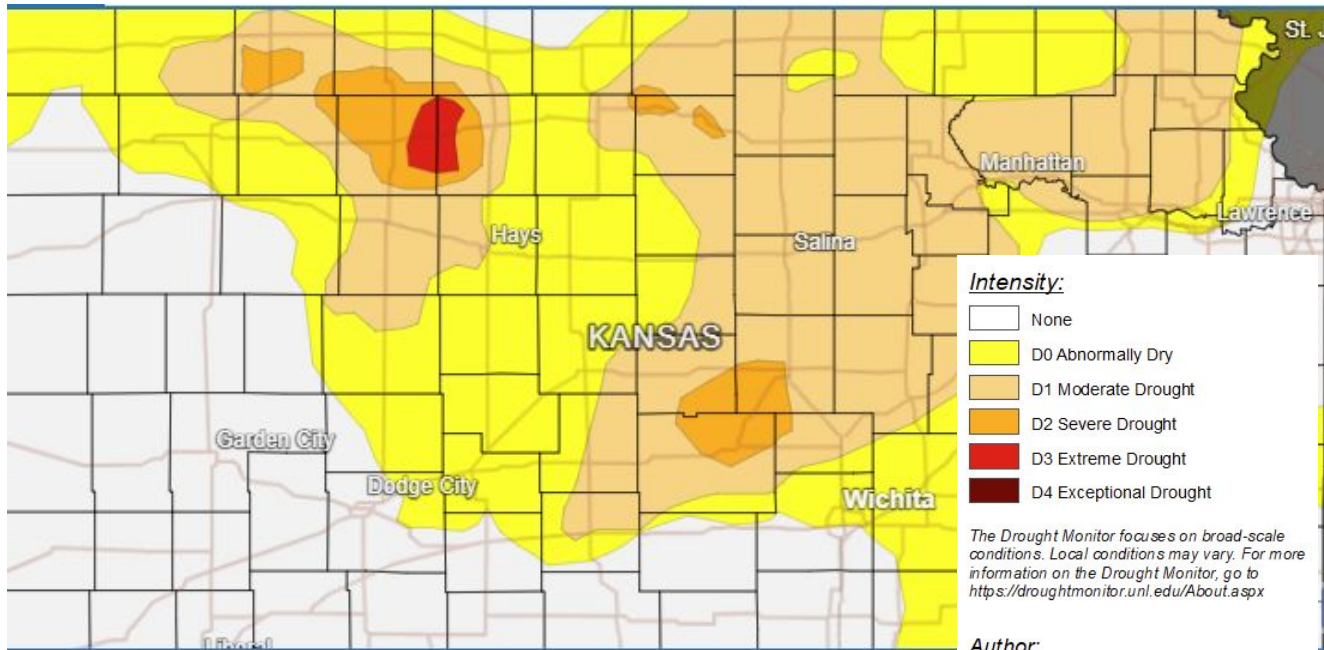




U.S. Drought Monitor

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

- Moderate drought was occurring in parts of Ellis, Trego and northern Ness counties.
- Drought intensity and Extent
 - D1 (Moderate Drought): Ellis, Trego and Ness counties.



Author:

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National Drought Mitigation Center



droughtmonitor.unl.edu



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

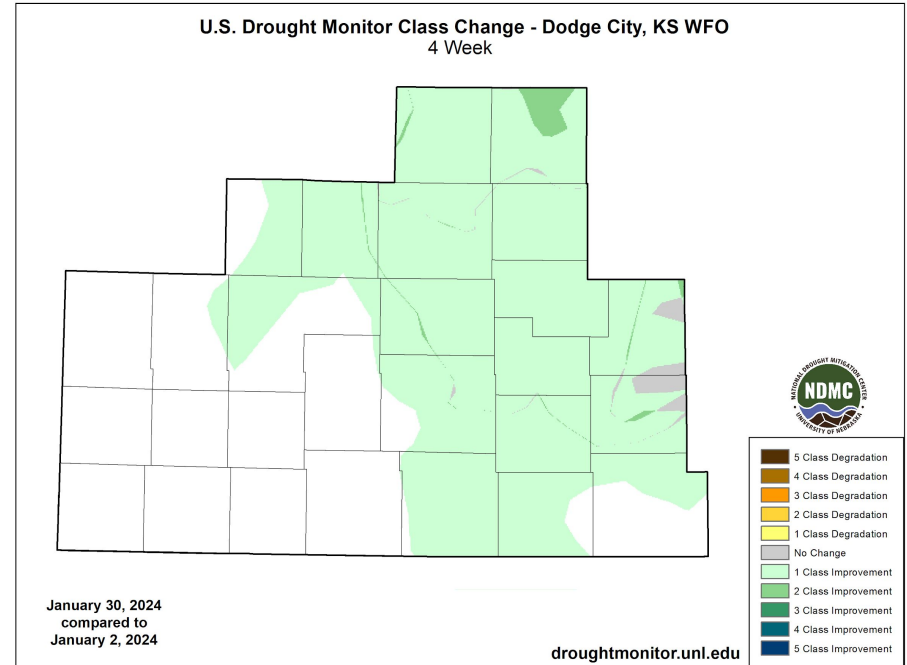
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Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
 - Drought Worsened: None.
 - No Change: None.
 - Drought Improved: Ellis, Trego, Ness, Lane, Scott, Ford, Hodgeman, Clark, Comanche, Pratt, Stafford, Edwards, Pawnee and Rush counties.

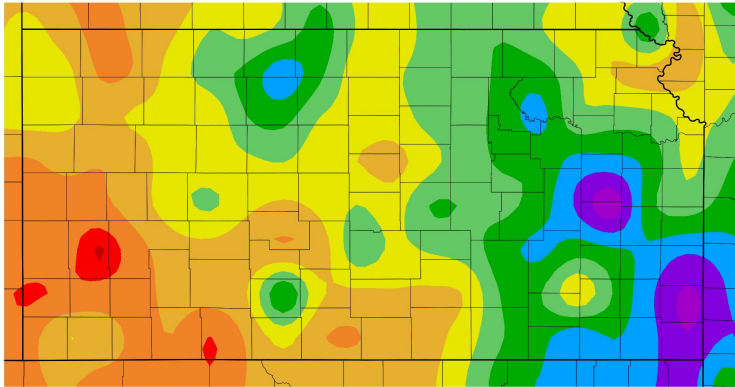




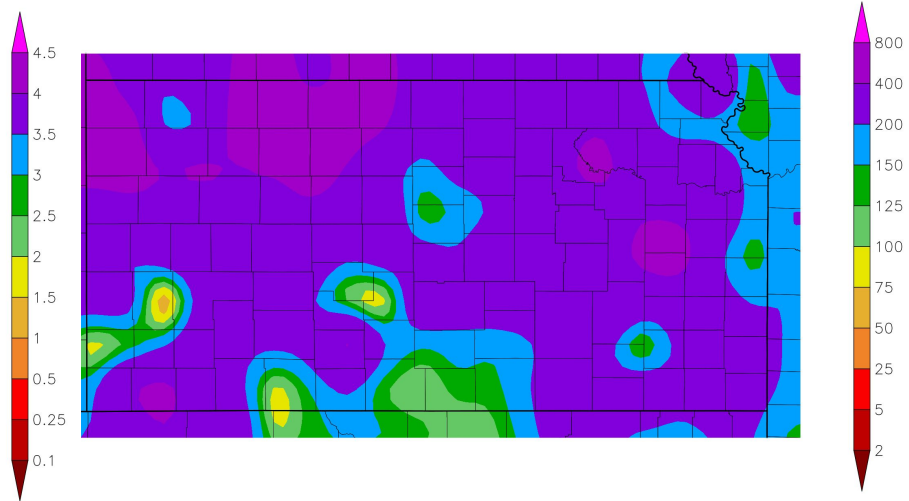
Precipitation

- It was wetter than average in most places over the last month.

Precipitation (in)
1/8/2024 – 2/6/2024



Percent of Normal Precipitation (%)
1/8/2024 – 2/6/2024



Generated 2/7/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers generated 2/7/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers



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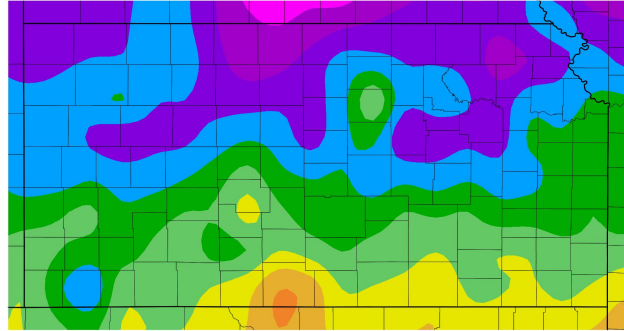
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Temperature

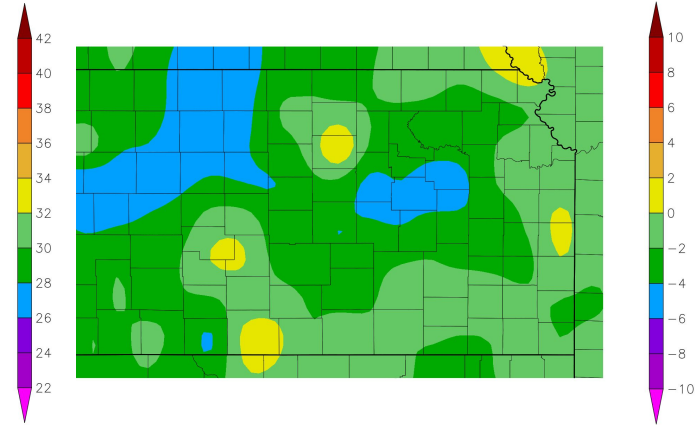
- Temperatures were cooler than average to near average across southwest Kansas. However, there was extreme variability from day to day so that the average is not representative of what actually occurred.

Temperature (F)
1/8/2024 – 2/6/2024



Generated 2/7/2024 at HPRCC using provisional data.

Departure from Normal Temperature (F)
1/8/2024 – 2/6/2024



NOAA Regional Climate Centers 4 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

- There are no known impacts at this time.

Agricultural Impacts

- None.

Fire Hazard Impacts

- None

Other Impacts

- None.

Mitigation Actions

- None reported.





Hydrologic Conditions and Impacts

- Most of the area has been reporting near normal streamflow.

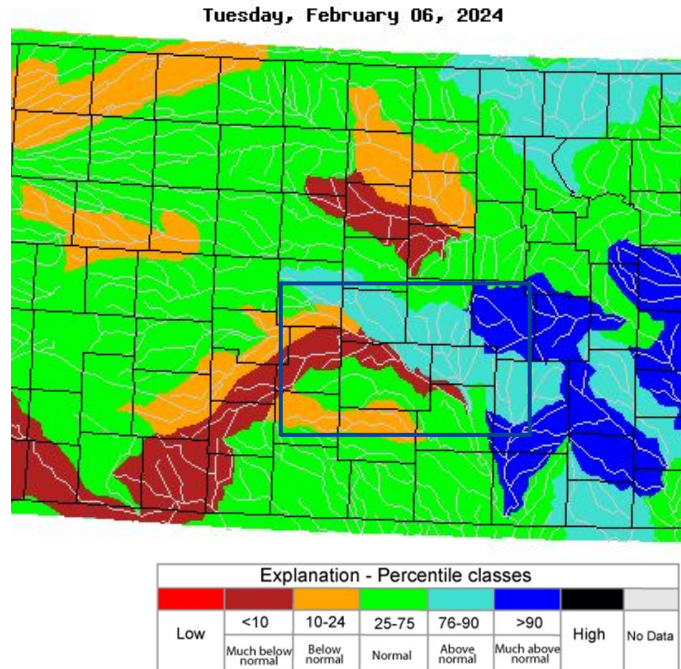


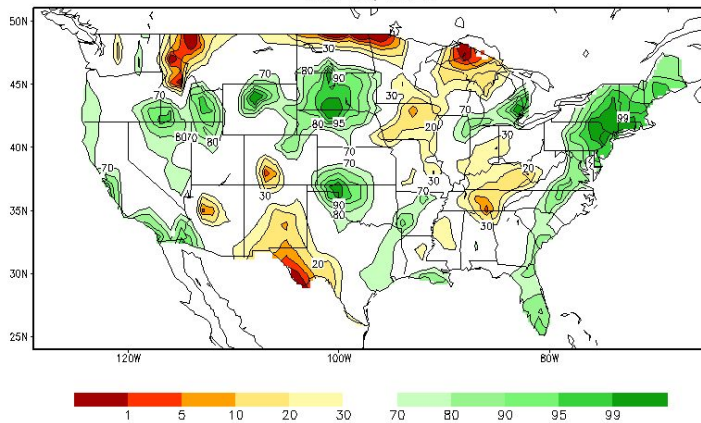
Image Caption: USGS 7 day average streamflow HUC map valid 10 12 2023



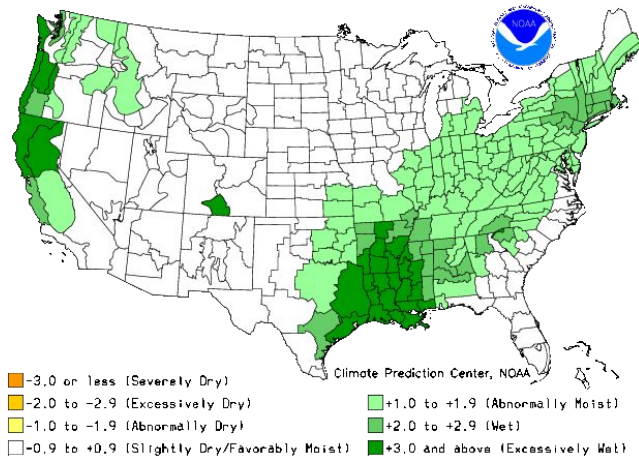
Agricultural Impacts

- There are no major agricultural impacts at this time.

Calculated Soil Moisture Ranking Percentile
FEB 06, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending FEB 3, 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](#).

- On windy and dry days fire weather will be a concern.

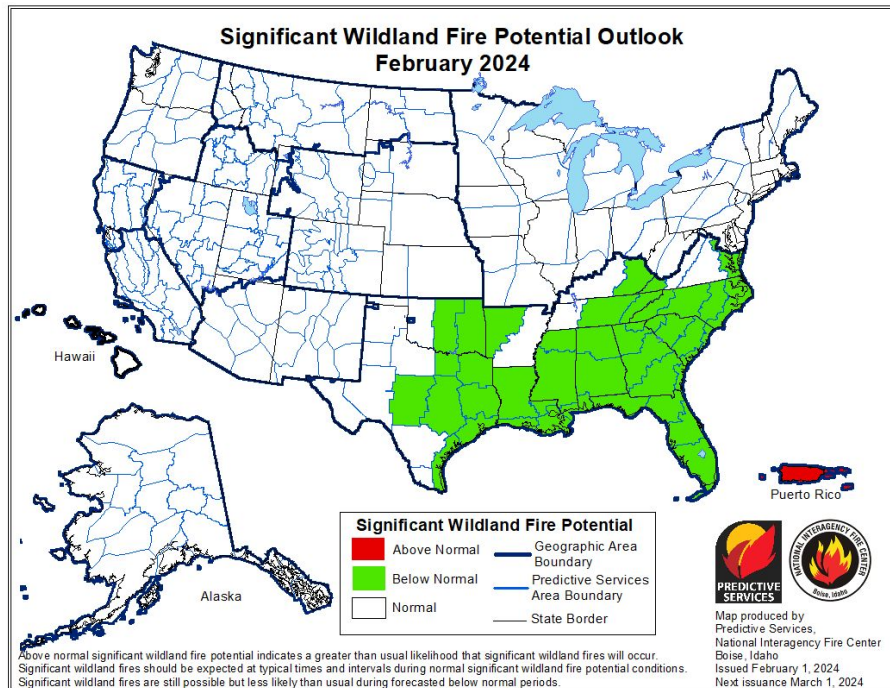


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for August 2023



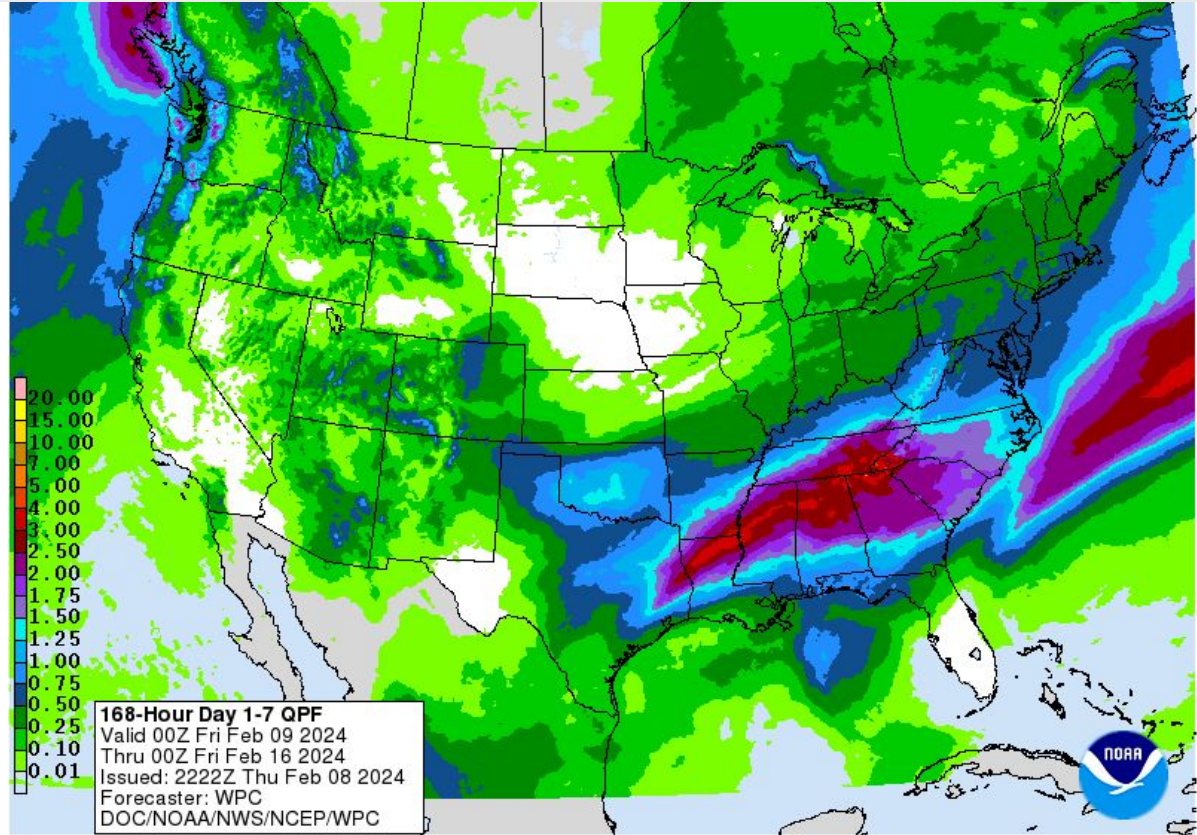
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Seven Day Precipitation Forecast

- A light rain and snow event is expected for this weekend.





Rapid Onset Drought Outlook

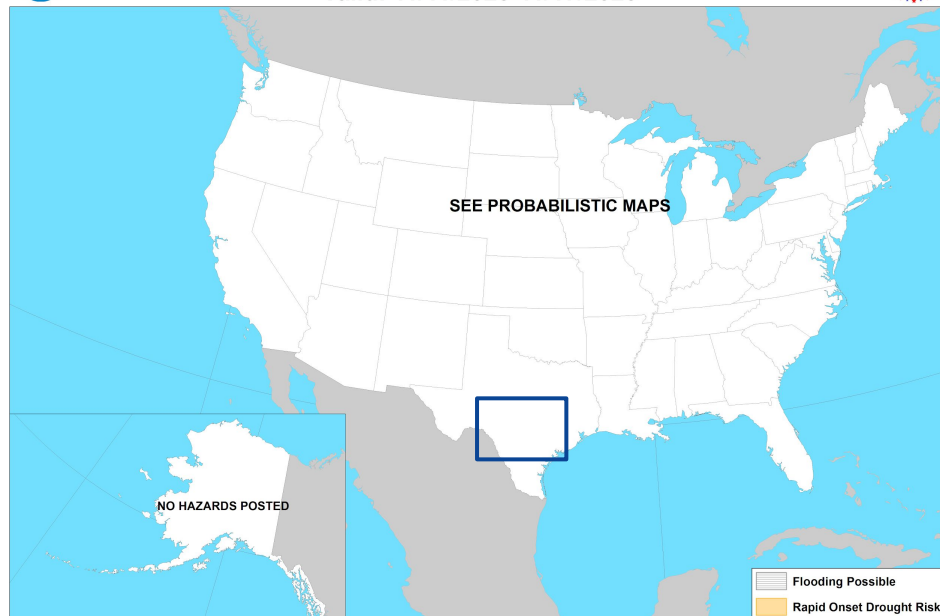
Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- Not applicable.



Day 8-14 U.S. Hazards Outlook

Valid: 11/11/2023-11/17/2023



Climate Prediction Center

Made: 11/03/2023 3PM EDT

Follow us:

www.cpc.ncep.noaa.gov

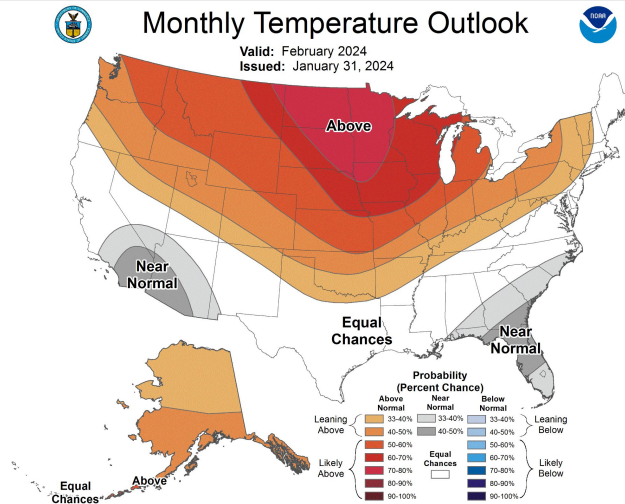


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- Monthly and seasonal forecasts have low predictability since we are in the rain shadow of the Rockies.
- Wetter than average conditions are expected for February, with above average temperatures.





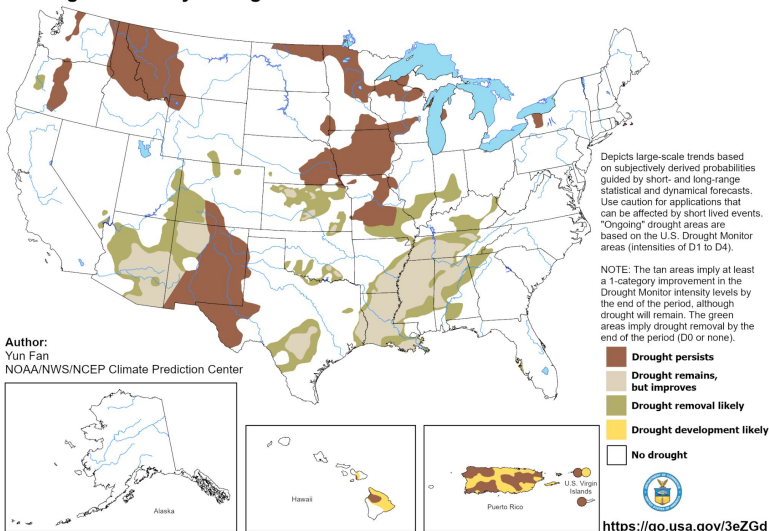
Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](https://cpc.ncep.noaa.gov)

- Drought will remain the same or improve through April.

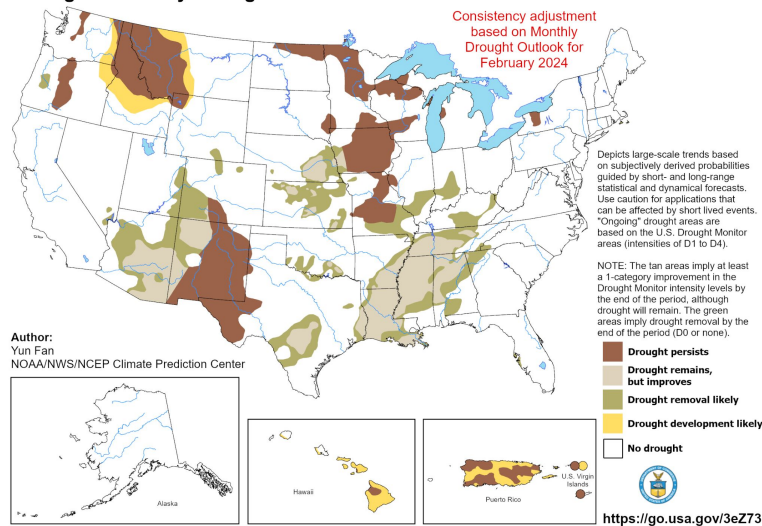
U.S. Monthly Drought Outlook Drought Tendency During the Valid Period

Valid for February 2024
Released January 31, 2024



U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for February 1 - April 30, 2024
Released January 31, 2024



Links to the latest:

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



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