



Drought Information Statement for Northeastern Wyoming and Western South Dakota

Valid November 21, 2024

Issued By: National Weather Service Rapid City, SD

Contact Information: nws.rapidcity@noaa.gov

- This product will be updated December 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/unr/DroughtInformationStatement> for previous statements.
 - Please visit <https://www.drought.gov/drought-status-updates> for regional drought status updates.
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- The recent storm has improved drought conditions slightly. However, windy conditions continue to exacerbate drought conditions.



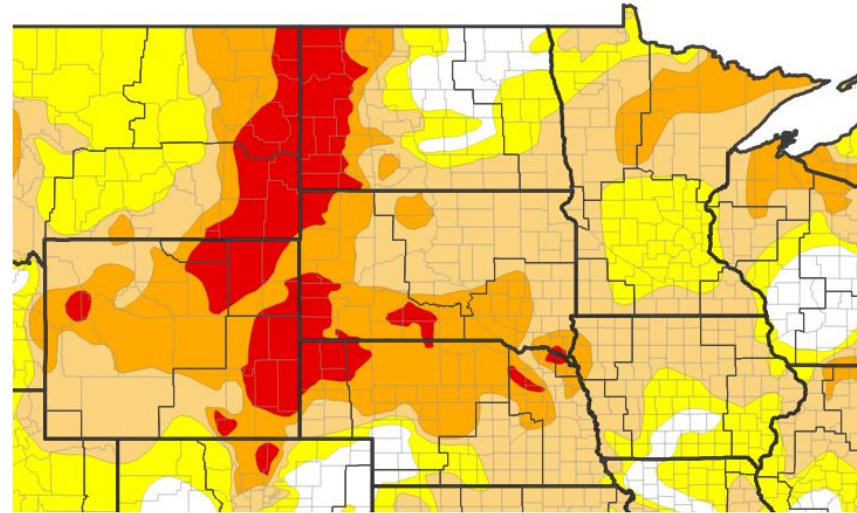


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for northeastern Wyoming and western South Dakota

- Drought intensity and Extent
 - **D3 (Extreme Drought)**: Portions of Campbell, Crook, Weston, Harding, Lawrence, Meade, Pennington, Custer, Fall River, Oglala Lakota, Jackson, Bennett, Mellette and Todd Counties.
 - **D2 (Severe Drought)**: Portions of Campbell, Crook, Weston, Harding, Perkins, Butte, Meade, Lawrence, Pennington, Custer, Fall River, Oglala Lakota, Jackson, Bennett, Haakon, Mellette, Todd, and Tripp Counties.
 - **D1 (Moderate Drought)**: Portions of Perkins, Meade, Ziebach, Pennington, and Haakon

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/19/24

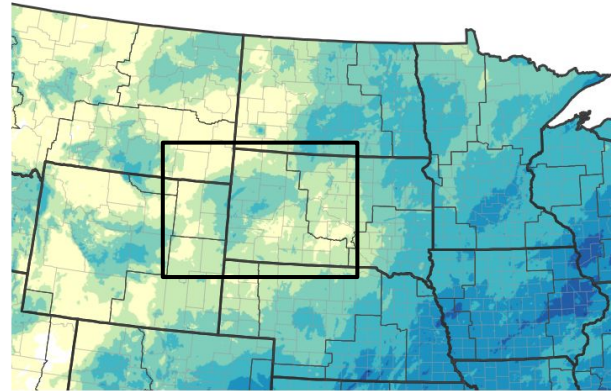




Precipitation: Last 30 Days

- Over the past 30 days precipitation has ranged from below average across Campbell County Wyoming, northern Harding and Perkins Counties, and most of south-central South Dakota including portions of Fall River, Oglala Lakota, eastern Custer, eastern Pennington, Haakon, Jackson, Bennett, Mellette, Todd, and Tripp Counties.

30-Day Precipitation Accumulations (Inches)

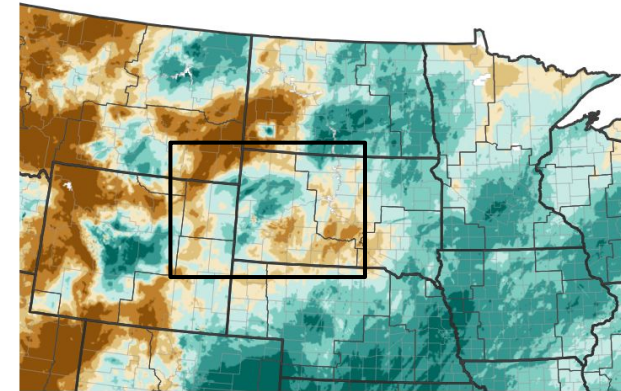


Inches of Precipitation

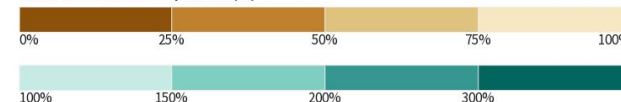


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 11/21/24

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 11/21/24





Summary of Impacts

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

Hydrologic Impacts

- Most streams and rivers are normal to above normal for this time of the year. Additional information from the USGS may be found [here](#).

Agricultural Impacts

- USDA Crop Progress and Condition reports: [South Dakota](#) and [Wyoming](#).

Fire Hazard Impacts

- Please visit [Great Plains Fire Information](#) for the latest fire restrictions.

Other Impacts

- Windy days combined with dry, dead fuels can still cause elevated fire conditions.

Mitigation Actions

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

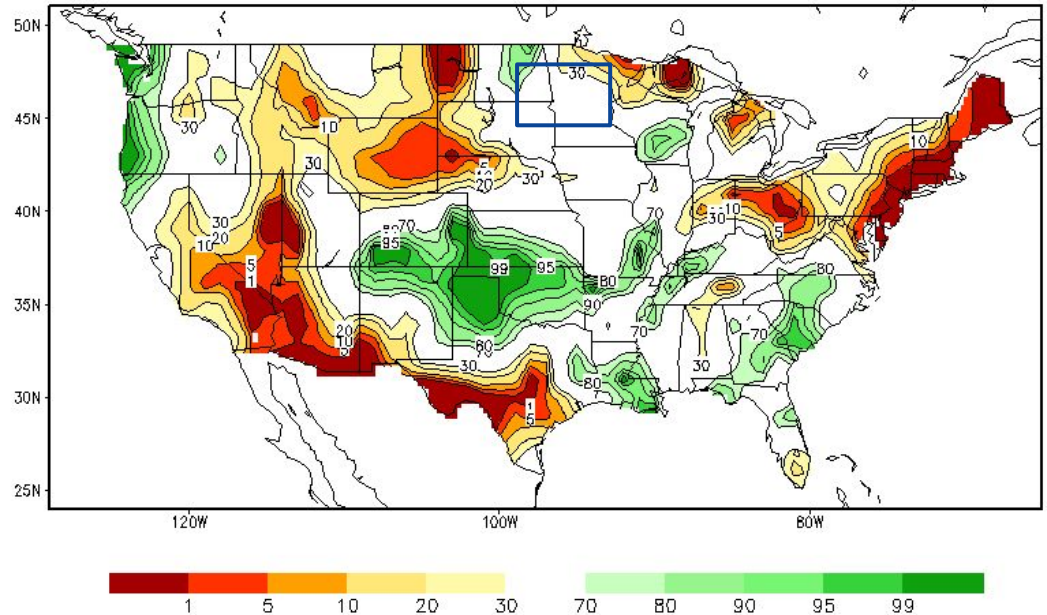




Agricultural Impacts

- Soil moisture continues to remain below average and below the 30th percentile in many locations.

Calculated Soil Moisture Ranking Percentile
NOV 20, 2024



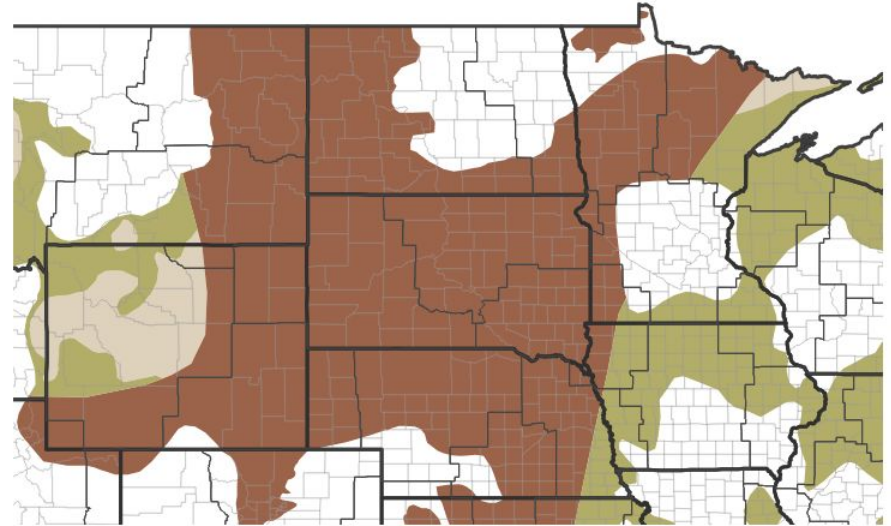


Drought Outlook

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

- Drought conditions are expected to persist through the winter.

Seasonal (3-Month) Drought Outlook for November 21, 2024–February 28, 2025



Drought Is Predicted To...



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

Last Updated: 11/21/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Rapid City, SD