



# Drought Information Statement for Northeastern Wyoming and Western South Dakota

## Valid September 12, 2024

Issued By: National Weather Service Rapid City, SD

Contact Information: [nws.rapidcity@noaa.gov](mailto:nws.rapidcity@noaa.gov)

- This product will be updated October 31, 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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- Extreme (D3) Drought to Abnormally Dry (D0) Conditions extend across all of northeastern Wyoming and most of western South Dakota.
  - Hot temperatures continue to exacerbate drought conditions.





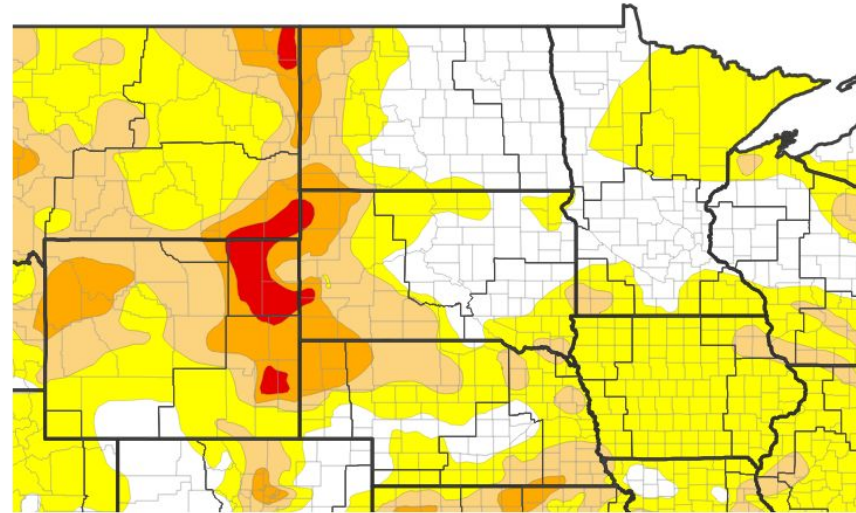
# U.S. Drought Monitor

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

## Drought intensity and Extent

- **D4 (Exceptional Drought):** None occurring.
- **D3 (Extreme Drought):** Portions of Weston, Campbell, far western Pennington, and western Harding Counties.
- **D2 (Severe Drought):** Portions of counties along the Wyoming/South Dakota border and South Dakota/Montana border.
- **D1 (Moderate Drought):**
  - Portions of Perkins, Butte, Meade, Pennington, Lawrence, Custer, Oglala Lakota, Jackson, Haakon, Bennett, Mellette, Todd, and Crook Counties.
- **D0: (Abnormally Dry):** the rest of western South Dakota.

## U.S. Drought Monitor



## U.S. Drought Monitor



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

Data Valid: 09/17/24

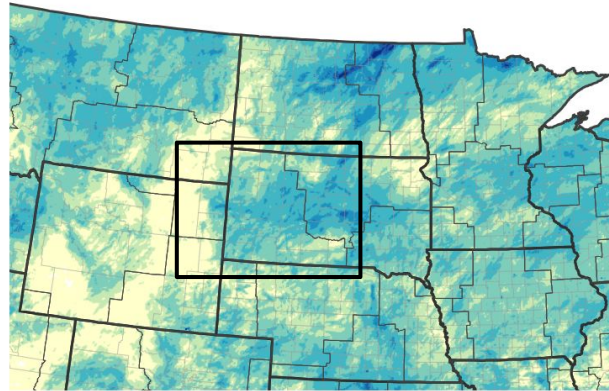




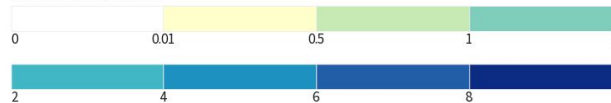
# Precipitation: Last 30 Days

- Below normal precipitation the past 30 day across portions of northeastern Wyoming and northwestern South Dakota.
- Some pockets of above average precipitation across the western South Dakota plains, but not enough to help drought conditions.
- Dry conditions across south-central South Dakota.

30-Day Precipitation Accumulations (Inches)

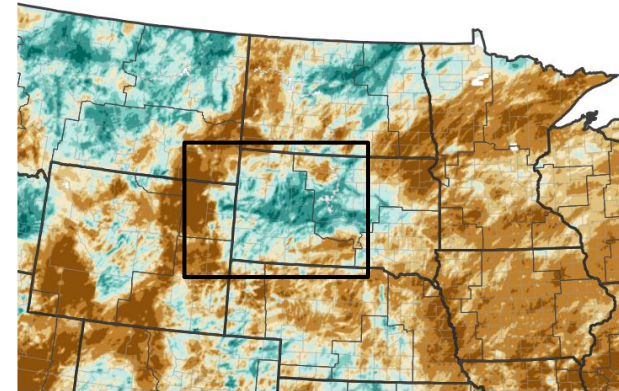


Inches of Precipitation

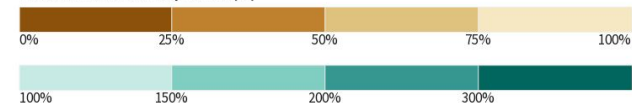


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 09/19/24

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: 09/19/24





# Summary of Impacts

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

## Hydrologic Impacts

- Most streams and rivers are below normal to 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

- Current 100- and 1000-hr fuels are very dry and herbaceous fuels continue to dry down and cure. Even with ample precipitation the warm-season grasses will struggle to come back.

## Mitigation Actions

- Gillette's water waste ordinance continues through October 1.





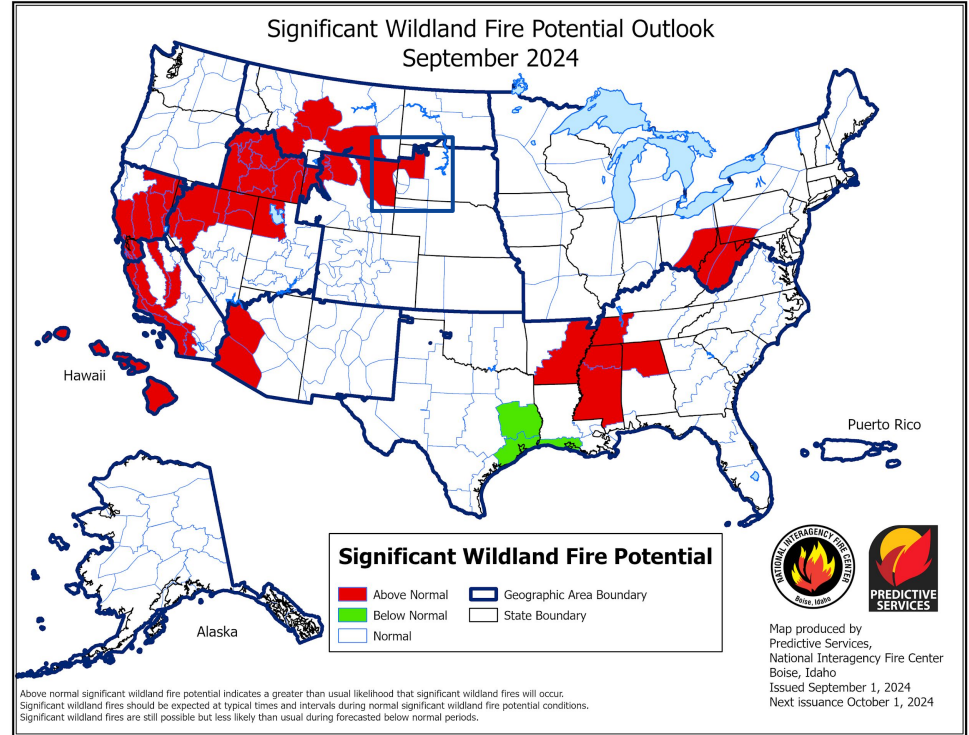


# Fire Hazard Impacts

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

- The significant wildland fire potential outlook through September is above normal.

[Great Plains Fire Information](#)  
[Fire Information for Resource Management System](#)  
[Hazard Mapping System Fire and Smoke Product](#)  
[South Dakota Grassland Fire Danger Map](#)



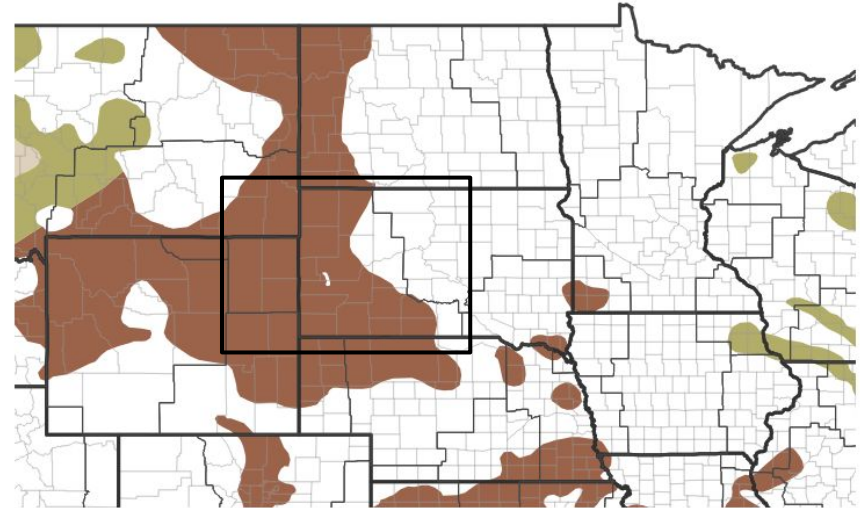


# Drought Outlook

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

- Drought conditions are expected to persist over northeastern Wyoming and western South Dakota.

## Seasonal (3-Month) Drought Outlook for August 31, 2024–November 30, 2024



### Drought Is Predicted To...



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

Last Updated: 09/19/24

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