

Drought Information Statement for Western & Central Wyoming

Valid December 5th, 2024

Issued By: WFO Riverton, WY

Contact Information:

- This product will be updated by December 20, 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/riw/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 conditions in Johnson County, extreme western Fremont and extreme eastern Teton Counties. Improved in Natrona.
 - Severe (D2) drought conditions continue across Natrona, Johnson, Fremont, Teton, Park, and Lincoln Counties.
 - Drought conditions will stay fairly stable, with slight improvement across the far north. December will see drier conditions across much of the state.



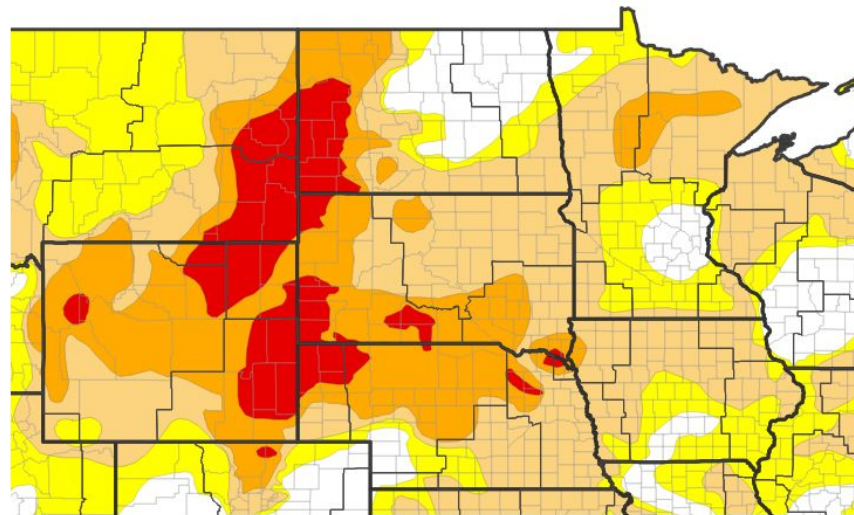


U.S. Drought Monitor

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

- Drought intensity and Extent
 - **D4 (Exceptional Drought):** None occurring.
 - **D3 (Extreme Drought):** Extreme eastern Teton, eastern Johnson and extreme western Fremont counties, as well as sections of eastern Wyoming.
 - **D2 (Severe Drought):** Portions of Teton, Park, and Lincoln counties. Fremont, Natrona, Washakie, Hot Springs and Big Horn counties, as well the remainder of Johnson County.
 - **D1 (Moderate Drought):** Remainder of Wyoming
 - **D0: (Abnormally Dry):** A sliver of Sweetwater County.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 12/03/24

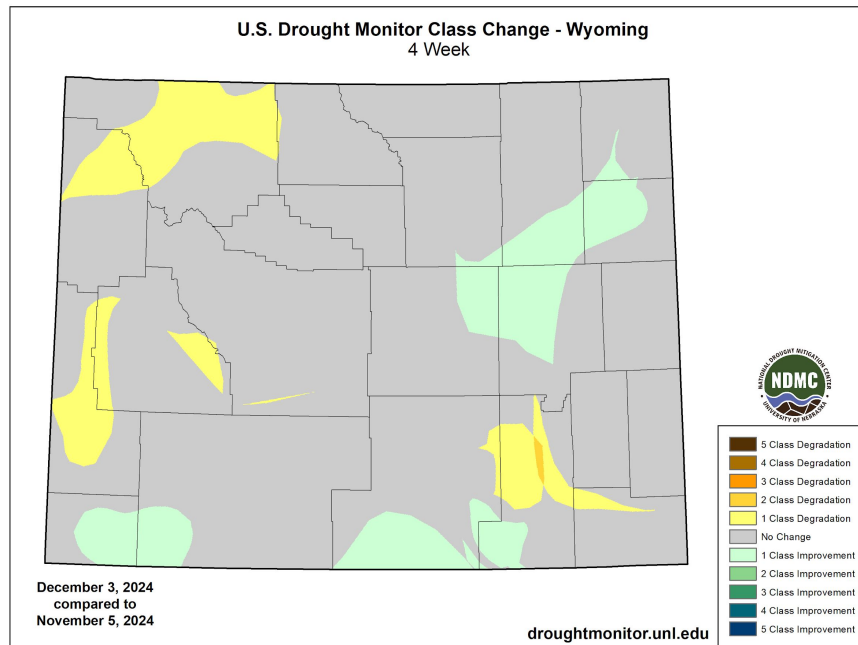




Recent Change in Drought Intensity

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

- **Four Week Drought Monitor Class Change**
 - **Drought Worsened:** Lincoln, Sublette, Teton and Park counties
 - **No Change:** Counties not listed elsewhere.
 - **Drought Improved:** eastern Natrona and southwest Sweetwater Counties.
- Minor cold fronts over the past month have brought some snow, but not in any large amounts. This has led to some areas showing degradation, but overall kept the drought conditions fairly stable.



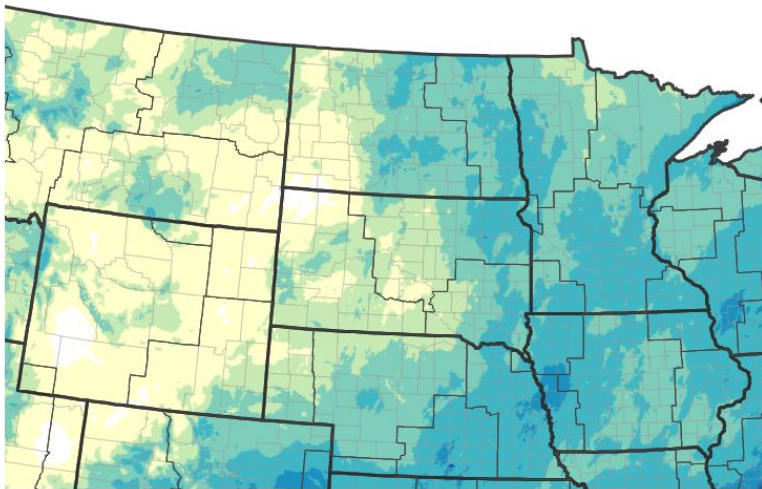


Precipitation

Most of Wyoming saw below normal precipitation over the past 30 days.

Central areas and a sliver across the north did see above normal amounts, of 1-2 inches.

30-Day Precipitation Accumulations (Inches)



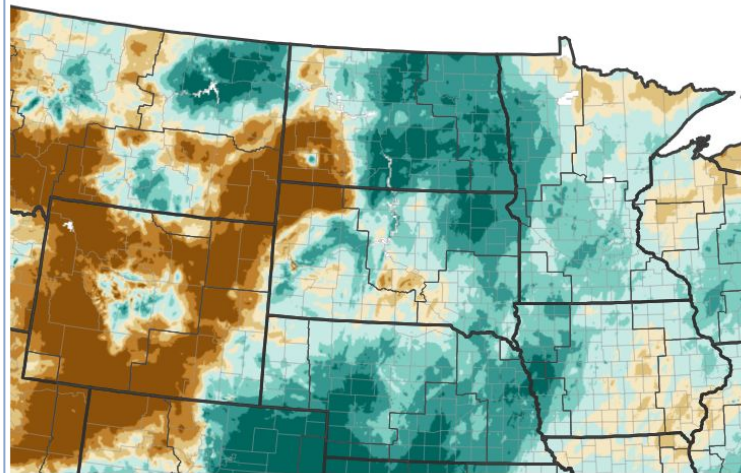
Inches of Precipitation



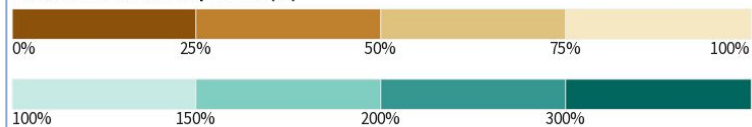
Source(s): National Weather Service Multi-Radar Multi-Sensor System;

Last Updated: 12/05/24

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

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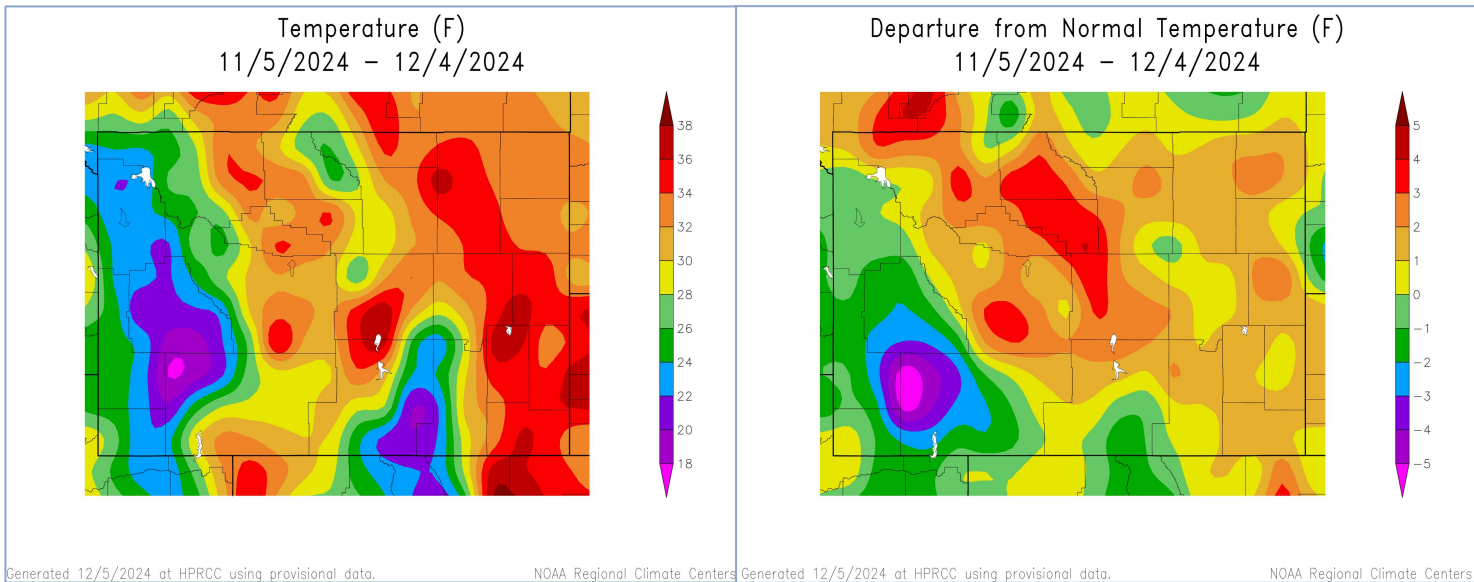


Temperature

Link to [ACIS Climate Maps from the High Plains Regional Climate Center](#)

The state saw above normal temperatures in the north and east. The values of 1 to 4 degrees above normal.

The west and southwest had temperatures below normal. There is a nice bullseye of values 3 to 5 degrees (and more) below normal.





Summary of Impacts (graphics on following slides)

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

Hydrologic Impacts

- Conditions are expected to see normal to below normal wetness, with the drought staying the same for most areas.

Agricultural Impacts

- USDA Wyoming Crop Progress and Condition Reports can be found [here](#)

Fire Hazard Impacts

- Fire Hazards are lessening as the winds are not showing as much gustiness. ([Most recent Significant Wildland Fire Potential Outlook](#))

Other Impacts

- Wildland grasses and shrubs remain at elevated criteria across many areas in the state.

Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information
- Clear debris from around structures to protect from potential wildfires



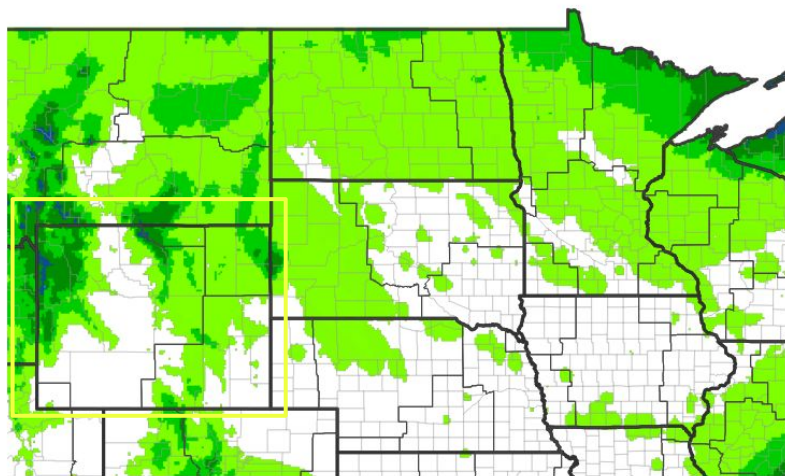


Seven-Day Precipitation Forecast

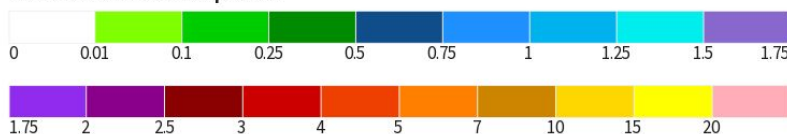
Precipitation Outlook Valid Dec 5 - 12

- The next storm system is set to arrive west Saturday night, (Dec 7th) lasting through the early part of the week. The eastern areas will see the storm arrive early Sunday (Dec 8th). There is a 70 to 90 % chance of accumulating snow, heaviest for higher elevations.
- Central portions of the state have very small chances for snowfall (30% or less).
- Mainly dry for the rest of this week except for some mountain snowfall.

7-Day Quantitative Precipitation Forecast for December 5, 2024-December 12, 2024



Predicted Inches of Precipitation



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

Last Updated: 12/05/24



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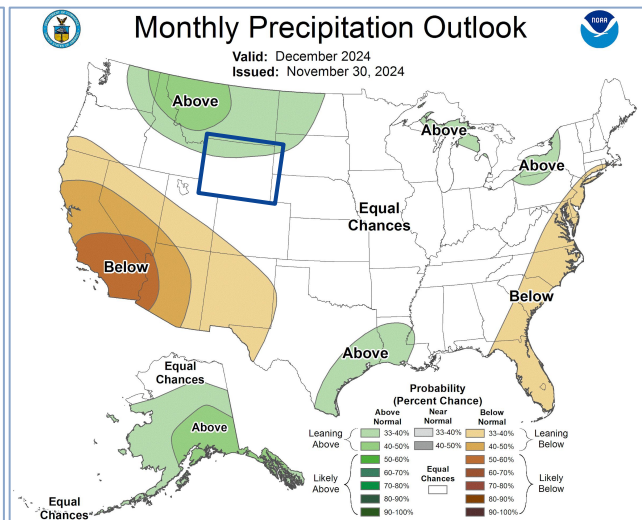
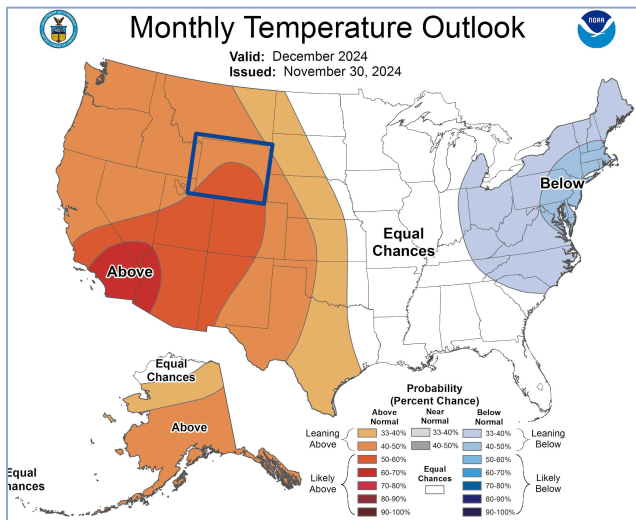
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Long-Range Outlooks

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

- Temperatures are trending to above normal values. There is a 40 to 60 percent chance of above normal temperatures. The darker orange is the higher chances.
- Precipitation across the northernmost areas of the state are trending to above normal chances. Otherwise, there is not a particular trend, with equal chances of below, at or above normal values expected.





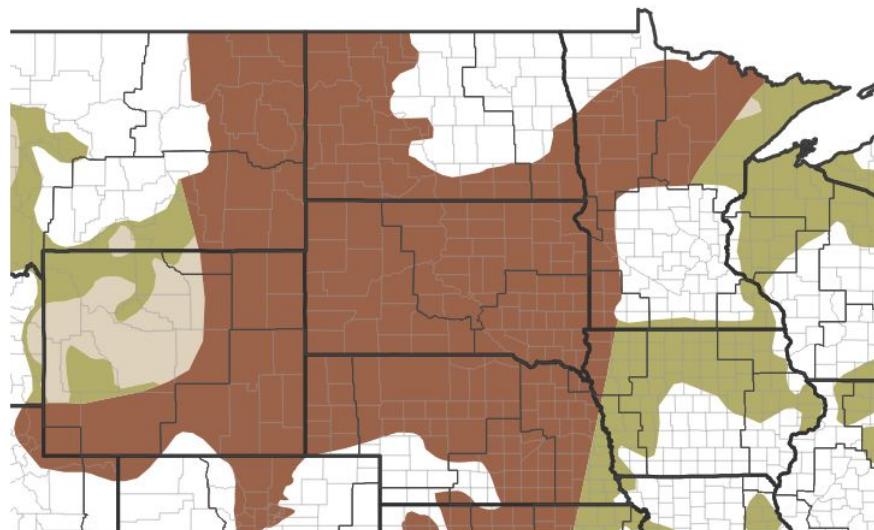
Drought Outlook

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Seasonal Outlook

- Drought conditions are expected improve, or even to end, across the central and north areas.
- Drought conditions are expected to persist for the east and south.

Seasonal (3-Month) Drought Outlook for November 30, 2024–February 28, 2025



Drought Is Predicted To...



Source: Climate Prediction Center, Improvements to Drought Outlook, Last Updated: 11/20/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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