

Drought Information Statement for Western & Central Wyoming

Valid November 25th, 2024

Issued By: WFO Riverton, WY

Contact Information:

- This product will be updated by December 6, 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 continue extreme western Fremont County and eastern Teton and Johnson counties. Improved in Natrona.
 - Severe (D2) drought conditions continue across portions of Natrona, Johnson, Fremont, Teton, Park, and northern Lincoln Counties.
 - Drought conditions will see some slight downgrades now through early December with drier conditions expected across much of the state.



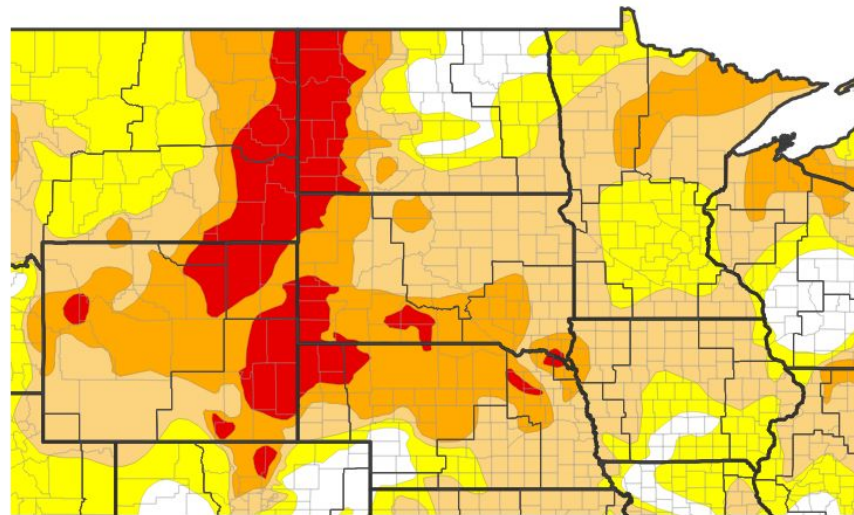


U.S. Drought Monitor

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

- Drought intensity and Extent
 - **D4 (Exceptional Drought)**: None occurring.
 - **D3 (Extreme Drought)**: 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, Washakie, Hot Springs and Big Horn counties, as well the remainder of Johnson and Natrona Counties.
 - **D1 (Moderate Drought)**: Remainder of Wyoming
 - **D0: (Abnormally Dry)**: none

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/19/24



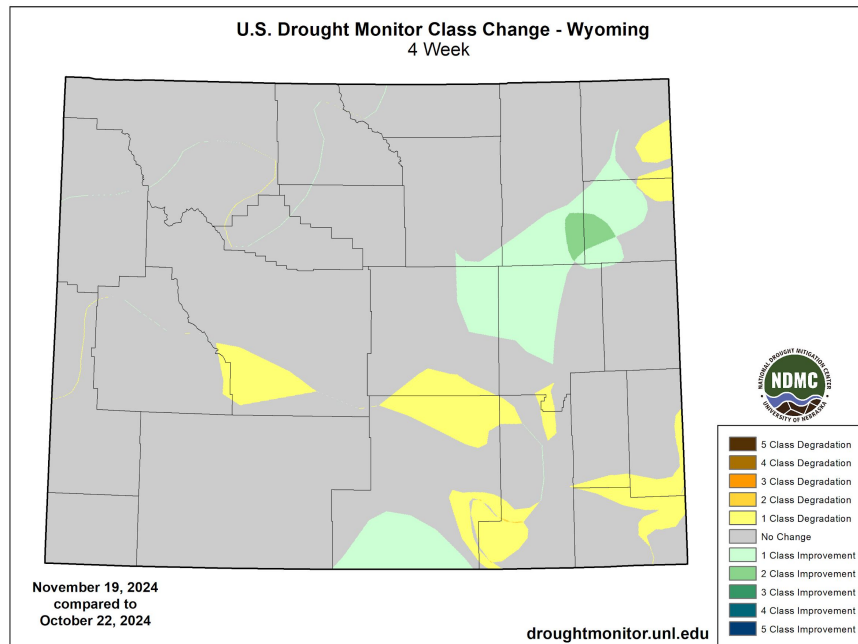


Recent Change in Drought Intensity

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

- **Four Week Drought Monitor Class Change**

- **Drought Worsened:** Southern Fremont and Natrona counties.
 - **No Change:** Counties not listed elsewhere.
 - **Drought Improved:** eastern Natrona County.
- There have been several minor systems push through the state bringing periods of rain and snow. This has kept the drought fairly stable with only a few minor changes.



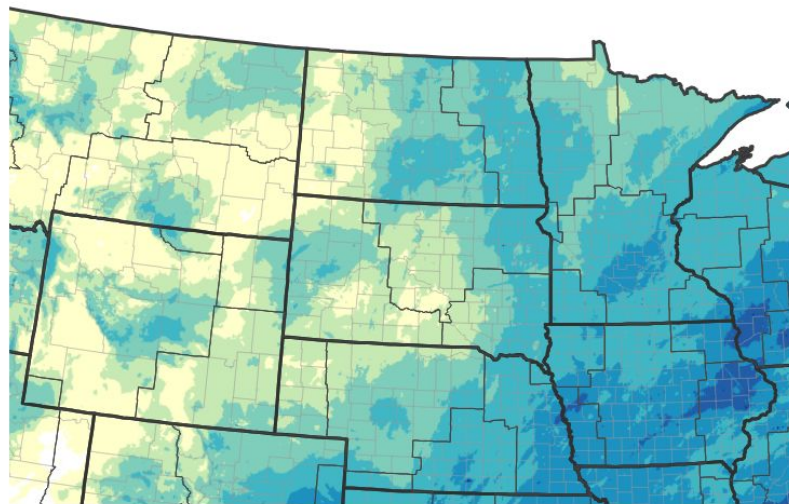


Precipitation

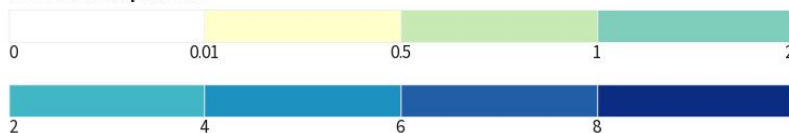
About half of Wyoming saw below normal precipitation over the past 30 days.

Central areas and the far southwest saw above normal amounts, of 2-4 inches. This includes Fremont, Washakie, Lincoln, Natrona, Sweetwater, and Hot Springs Counties

30-Day Precipitation Accumulations (Inches)

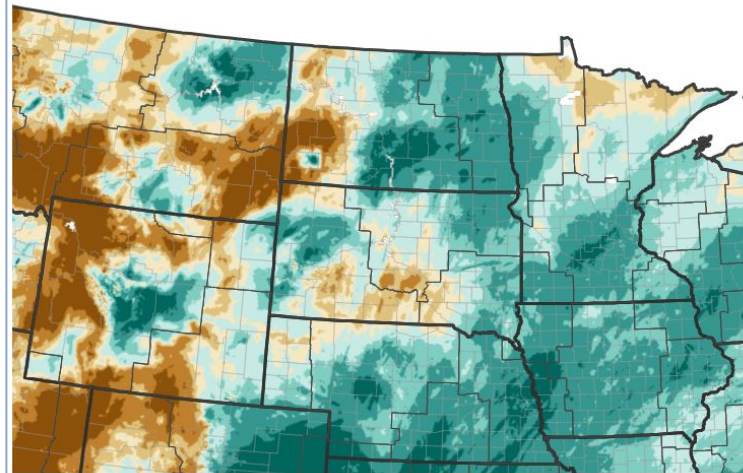


Inches of Precipitation

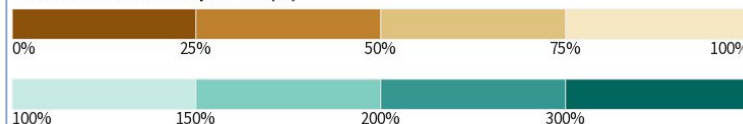


Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 11/25/24

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: 11/25/24



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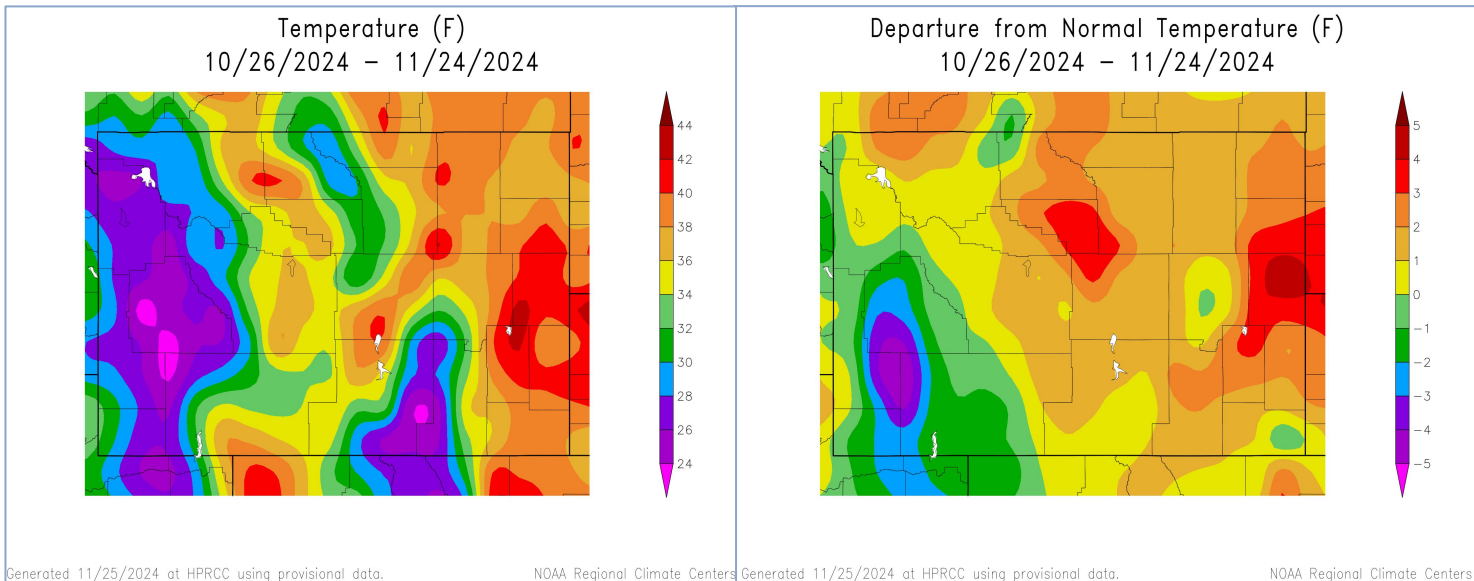


Temperature

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 0 to 3 degrees above normal with some places seeing 3 to 4 degrees above normal.

The west and southwest had temperatures below normal. There is a nice bullseye of values 3 to 5 degrees 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, but a decrease in a few small regions.

Agricultural Impacts

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

Fire Hazard Impacts

- Fire Hazards are lessening as widespread precipitation events are moving through the state. Winds are not showing as much gustiness.. ([Most recent Significant Wildland Fire Potential Outlook](#))

Other Impacts

- Wildland grasses and shrubs remain at critical 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



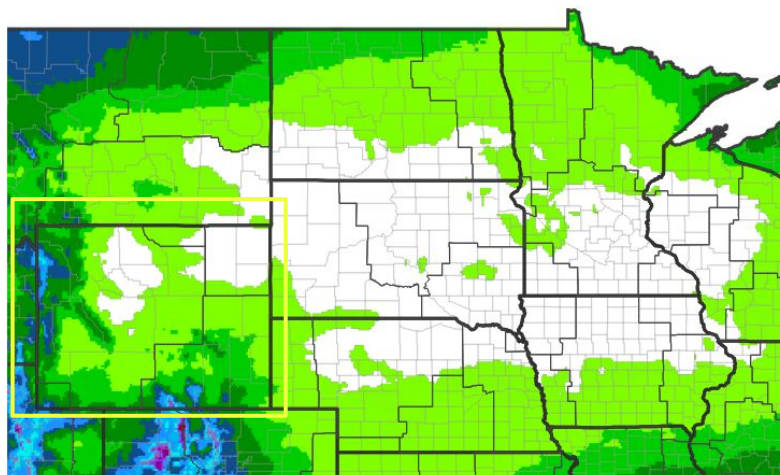


Seven-Day Precipitation Forecast

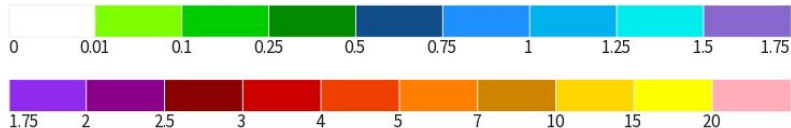
Precipitation Outlook Valid Nov 4 - 11

- The next storm system is set to arrive late Monday night (Nov 25th), with snowfall over the mountains and isolated areas of snow elsewhere.
- There will be cold air and gusty winds behind this front.
- The next storm will move in Tuesday night into Wednesday.
- Mainly dry for the rest of the week except for some mountain snowfall.

7-Day Quantitative Precipitation Forecast for November 22, 2024–November 29, 2024



Predicted Inches of Precipitation



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

Last Updated: 11/22/24



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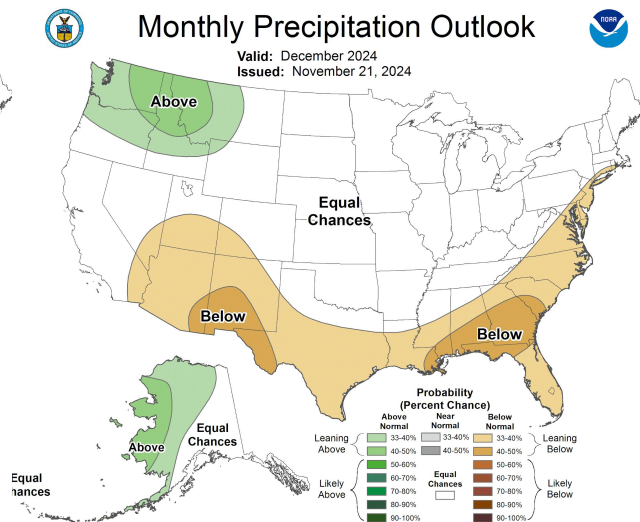
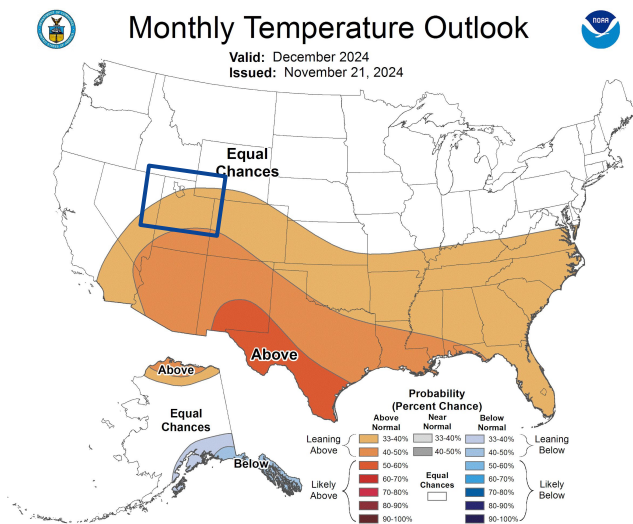
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Long-Range Outlooks

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

- Temperatures do not have a particular trend, with equal chances of below, at or above normal values expected. A sliver of the south could see above normal temperatures.
- Precipitation does not have a particular trend, with equal chances of below, at or above normal values expected. The extreme northwest could see above normal precipitation.





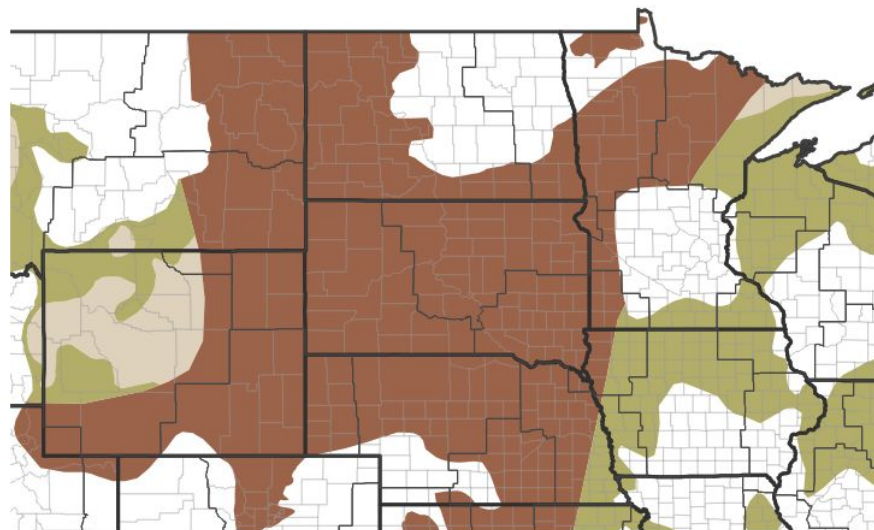
Drought Outlook

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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 21, 2024–February 28, 2025



Drought Is Predicted To...



Source: Climate Prediction Center, Improvements to Drought Outlook, Last Updated: 11/21/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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