

# Drought Information Statement for Western & Central Wyoming

Valid November 4th, 2024

Issued By: WFO Riverton, WY

## Contact Information:

- This product will be updated by November 15, 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, Johnson and Natrona counties.
  - Severe (D2) drought conditions continue across portions of Natrona, Johnson, Fremont, Teton, Park, and northern Lincoln Counties.
  - Drought conditions will see some improvements in early November with rain and snowfall expected across much of the state



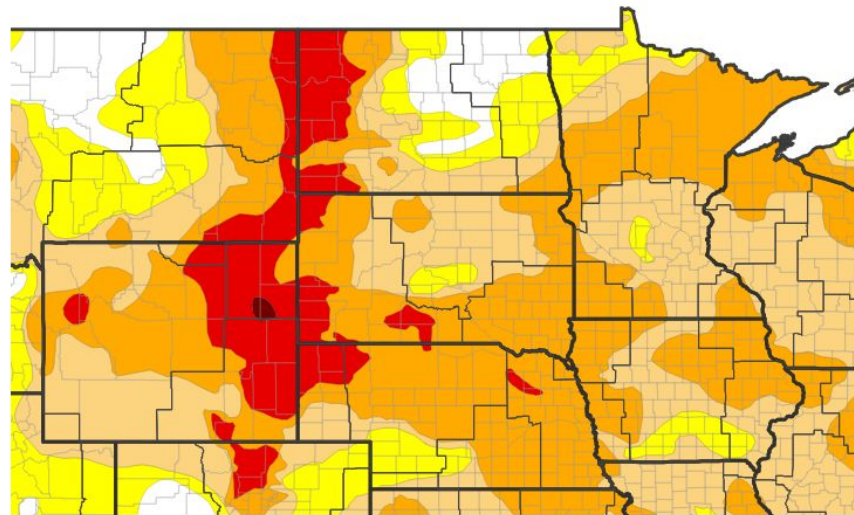


# U.S. Drought Monitor

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 across 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: 10/29/24



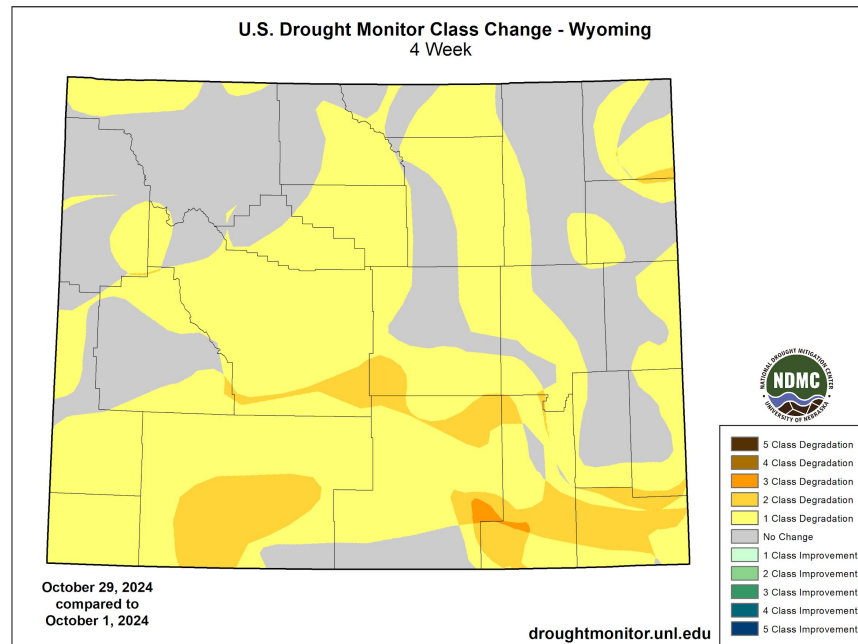


# Recent Change in Drought Intensity

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

- **Four Week Drought Monitor Class Change**

- **Drought Worsened:** Most counties except those listed below.
  - **No Change:** Sublette County and portions of Natrona and Johnson counties, as well as much of the northwest
  - **Drought Improved:** None
- Gusty winds and little to no precipitation through the end of October. The beginning of November did bring widespread rain and snow, so there may be a slight improvement for some areas over this week.



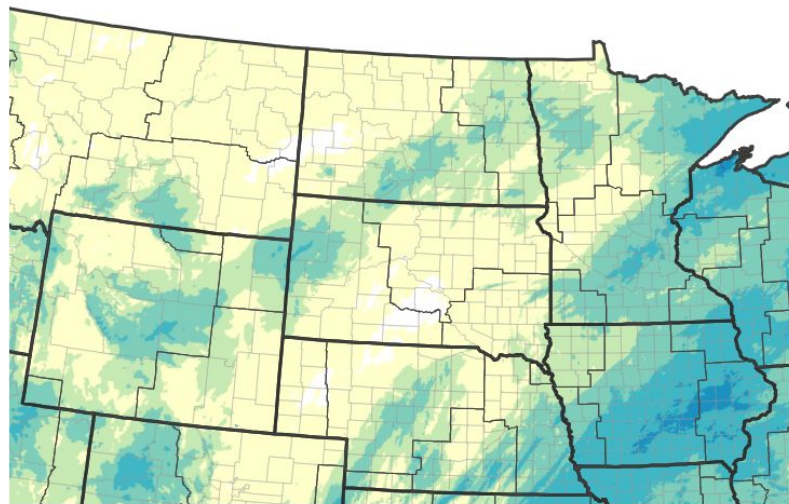


# Precipitation

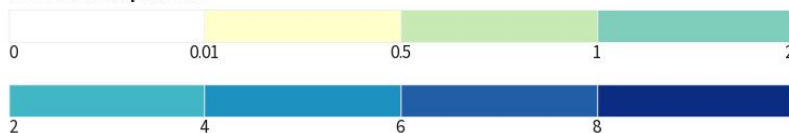
Much of Wyoming saw below normal precipitation over the past 30 days.

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

30-Day Precipitation Accumulations (Inches)

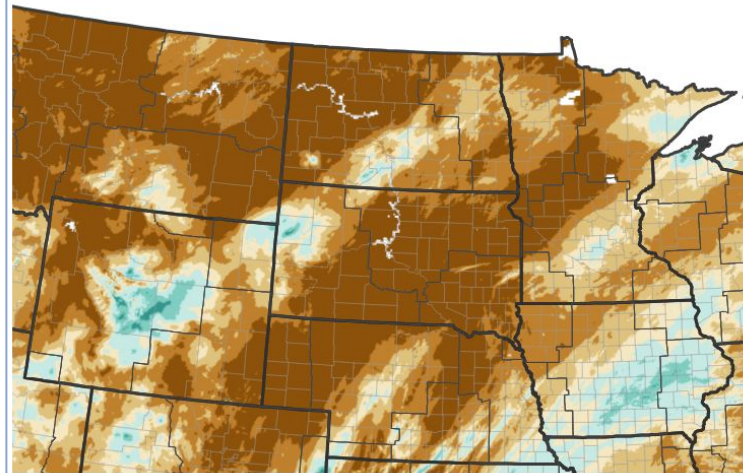


Inches of Precipitation

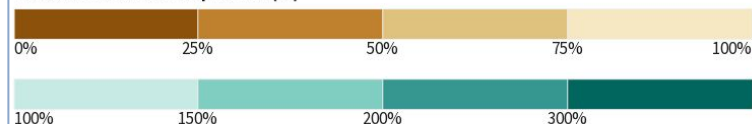


Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 11/04/24

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: 11/04/24





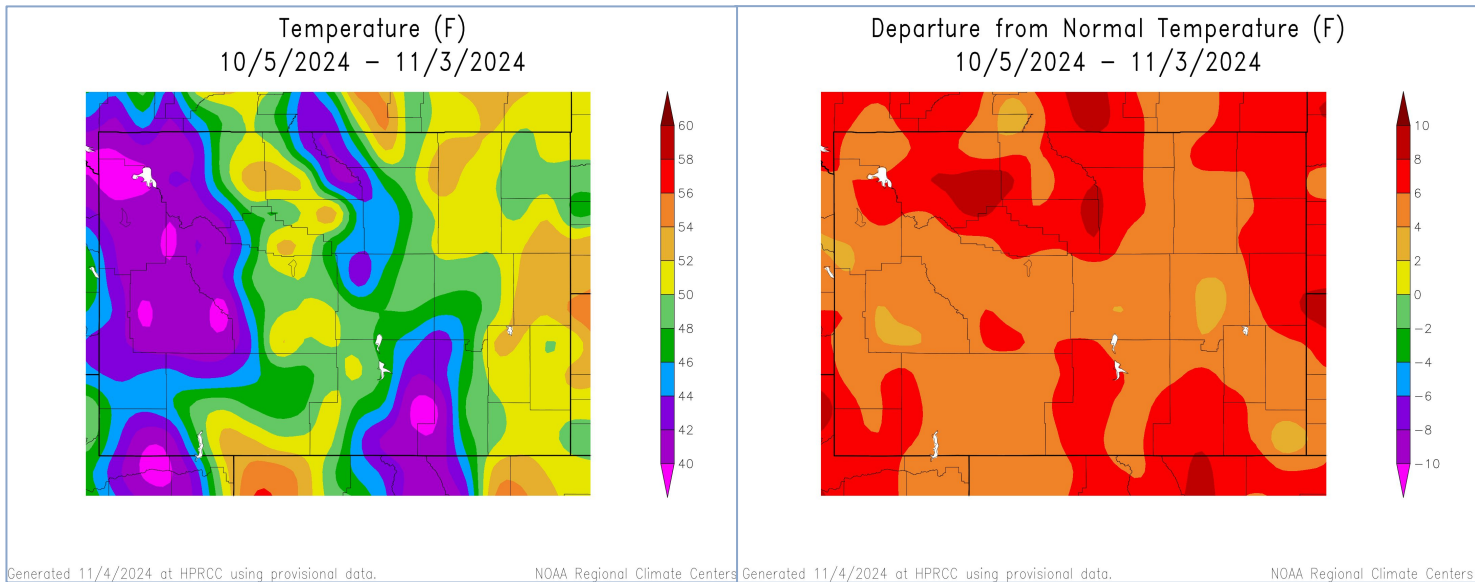


# Temperature

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

The state saw above normal temperatures. The majority of areas saw values of 2 to 4 degrees above normal with some places seeing 9 to 12 degrees.

No areas saw temperatures below normal. The only cool locations were portions Teton and Sublette counties which saw values of 0-2 degrees above 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 above normal wetness, with the drought improving in some areas.

## 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



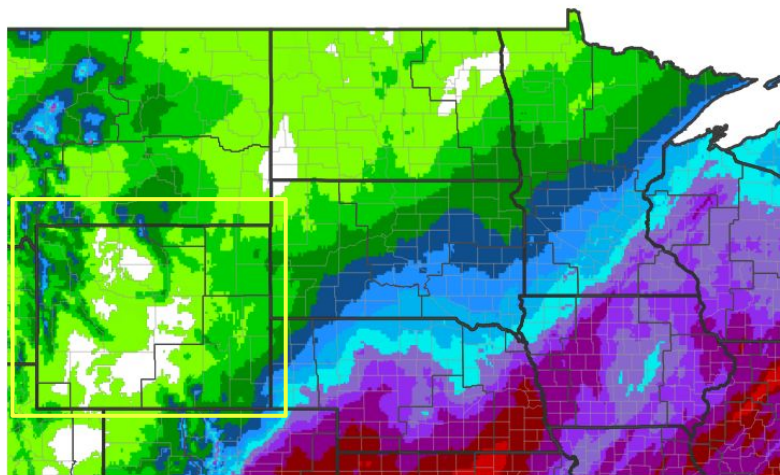


# Seven-Day Precipitation Forecast

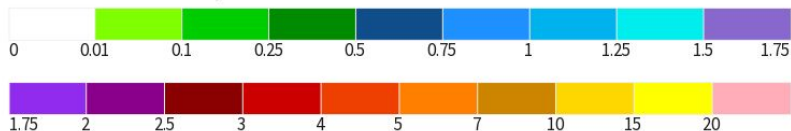
Precipitation Outlook Valid Nov 4 - 11

- The next storm system is set to arrive late Monday night (Nov 4th), with snowfall over the mountains and mainly rain or a rain/snow mix at lower elevations.
- There will be cold air and gusty winds behind this front.
- The next storm will move in Saturday night into early next week.

## 7-Day Quantitative Precipitation Forecast for November 4, 2024–November 11, 2024



Predicted Inches of Precipitation



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

Last Updated: 11/04/24



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

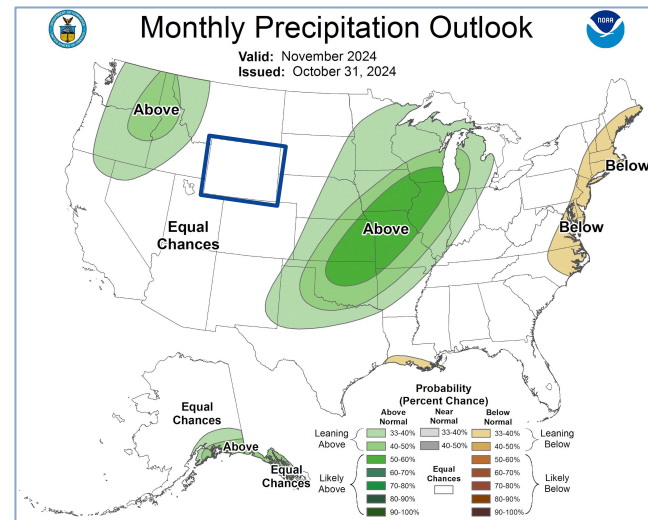
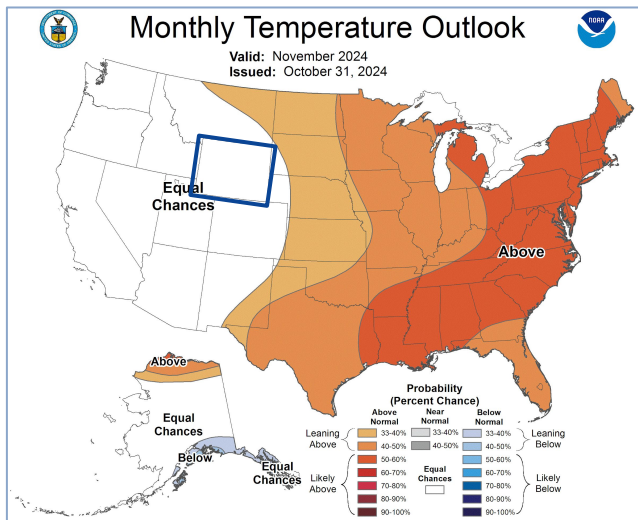
National Weather Service  
Riverton, Wyoming



# 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.
- Precipitation does not have a particular trend, with equal chances of below, at or above normal values expected.
- Climatology will be the standard for November





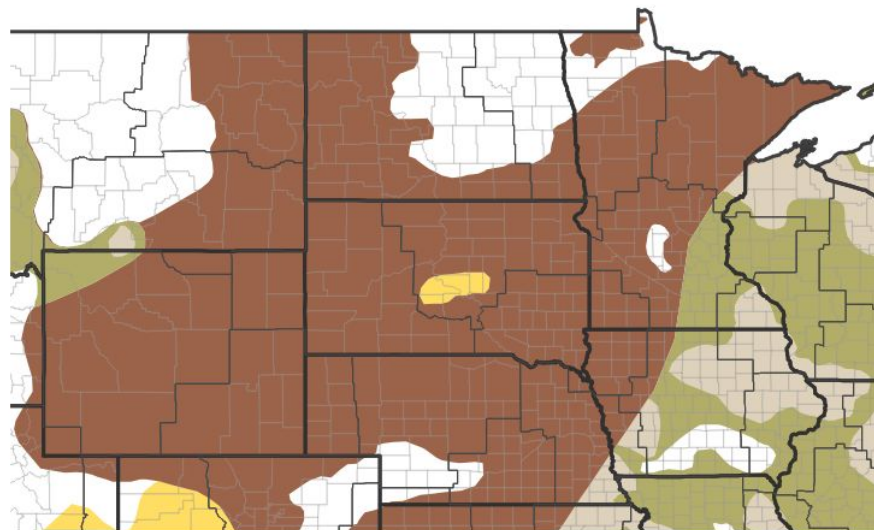


# Drought Outlook

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

- Drought conditions are expected to persist a majority of the state, with just the far northwest looking for an end.

## Seasonal (3-Month) Drought Outlook for October 31, 2024-January 31, 2025



### Drought Is Predicted To...



Source: Climate Prediction Center, Department of Commerce, U.S. National Oceanic and Atmospheric Administration. Last Updated: 10/31/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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