Drought Information Statement for Western & Central Wyoming Valid January 21st, 2025 Issued By: WFO Riverton, WY Contact Information:

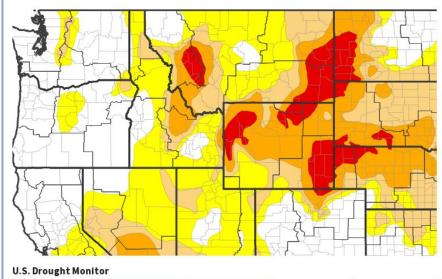
- This product will be updated by February 7th, 2025, or sooner if drought conditions change significantly.
- Please see all currently available products at <u>https://drought.gov/drought-information-statements</u>.
- Please visit <u>https://www.weather.gov/riw/DroughtInformationStatement</u> for previous statements.
- Please visit <u>https://www.drought.gov/drought-status-updates</u> for regional drought status updates.
- Extreme (D3) drought conditions in Johnson, Teton, Park and Lincoln counties.
- Severe (D2) drought conditions continue across Natrona, Johnson, Fremont, Teton, Park, and Lincoln Counties.
- Widespread snow is helping to improve conditions through January



Link to the latest U.S. Drought Monitor for Wyoming

- Drought intensity and Extent
 - **D4 (Exceptional Drought)**: None occurring.
 - **D3 (Extreme Drought)**: Johnson, Park, Teton, and Lincoln counties.
 - 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): Areas not listed elsehere
 - **D0: (Abnormally Dry)**: Sweetwater and Sublette Counties.

U.S. Drought Monitor



Abnormally Dry (D0)	Moderate Drought	Severe Drought	Extreme Drought	Exceptional
	(D1)	(D2)	(D3)	Drought (D4)
Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov				Data Valid: 01/14/25

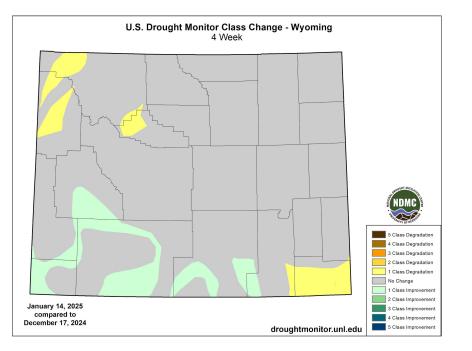
National Weather Service Riverton, Wyoming



Recent Change in Drought Intensity

Link to the latest 4-week change map for Wyoming

- Four Week Drought Monitor Class Change
 - Drought Worsened: Portions of Hot Springs, Teton and Park counties
 - No Change: Counties not listed elsewhere.
 - Drought Improved: Southern Sublette and portions of Sweetwater Counties.
- A series of weather systems have pushed through the region and brought snow, but not in any large amounts. This has led to some areas showing degradation or improvement, but overall kept the drought conditions fairly stable.



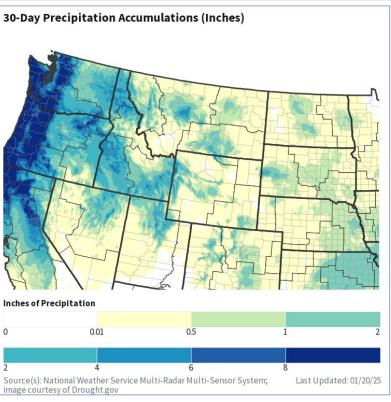


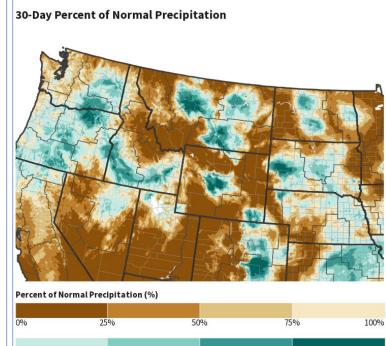


Precipitation

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.





200%

100%

150%

image courtesy of Drought.gov

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

National Oceanic and Atmospheric Administration U.S. Department of Commerce National Weather Service Riverton, Wyoming

300%

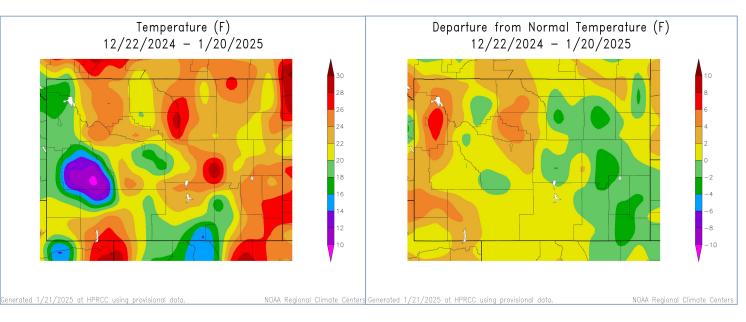
Last Updated: 01/20/25

Temperature

Link to ACIS Climate Maps from the High Plains Regional Climate Center

The state saw near to above normal temperatures in most locations. Teton County did have a bullseye of 6 to 8 degrees above.

The east and a couple central spots had temperatures below normal. Most ranged from 2 to 4 degrees below.





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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 <u>here</u>
- Fire Hazard Impacts
 - Fire Hazards are less with widespread snow cover. (<u>Most recent Significant Wildland Fire Potential</u> <u>Outlook</u>)

Other Impacts

• Winter dormancy with widespread snow cover.

Mitigation Actions

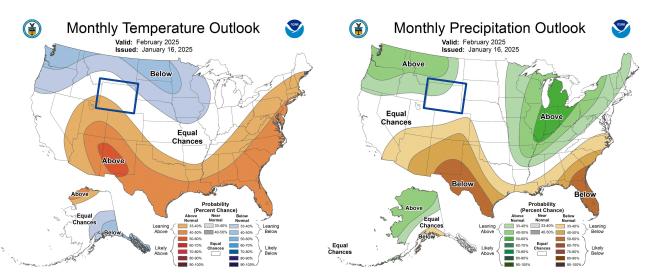
- Please refer to your municipality and/or water provider for mitigation information
- Clear debris from around structures to protect from potential wildfires



Long-Range Outlooks

The latest monthly and seasonal outlooks can be found on the CPC homepage

- Temperatures are trending to above normal values across the southwest.
 Otherwise there is no particular trend with climate being the best forecast 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.





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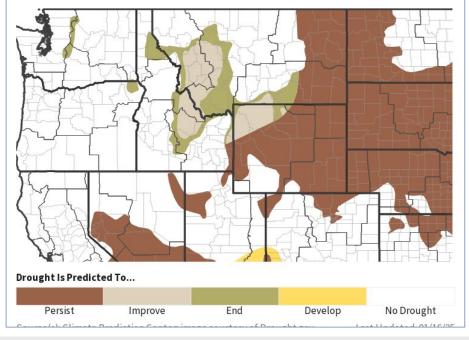
Drought Outlook

The latest monthly and seasonal outlooks can be found on the CPC homepage

Seasonal Outlook

- Drought conditions are expected improve, or even to end, across the northwest.
- Drought conditions are expected to persist for much of the state.

Seasonal (3-Month) Drought Outlook for January 16, 2025–April 30, 2025



National Weather Service Riverton, Wyoming

Links to the latest: <u>Climate Prediction Center Monthly Drought Outlook</u> <u>Climate Prediction Center Seasonal Drought Outlook</u>



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