

Resources for Agricultural Producers

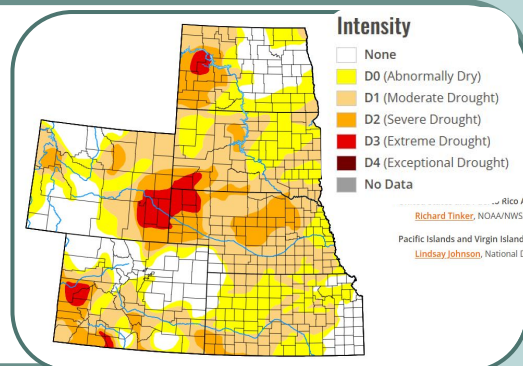
Adapting to Drought in Wyoming:

Predicting & Monitoring Drought



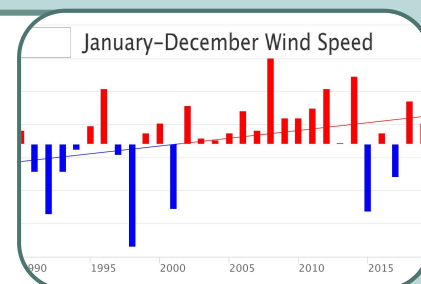
[U.S. Drought Monitor](#)

These maps released every Thursday show drought severity across the U.S. Groups like the Farm Service Agency use these maps to trigger disaster declarations, eligibility for low-interest loans, and other drought responses. Factsheets provide an overview of the [U.S. Drought Monitor](#) and [USDA Disaster Assistance Programs](#) triggered by it.



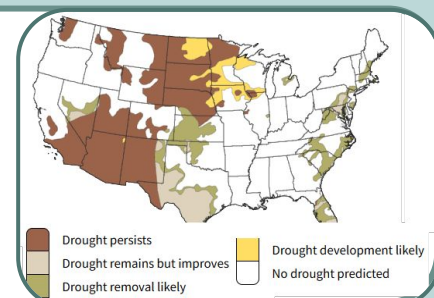
[Historical Climate Tracker](#)

This tool from the Climate Toolbox shows past climate trends over the last 30 years for your area. The tool includes seasonal, monthly, or yearly data and 30 different variables, such as wind speed, freeze dates, growing degree days, and drought severity.



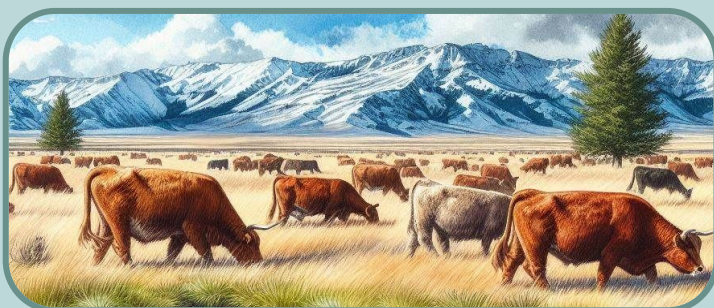
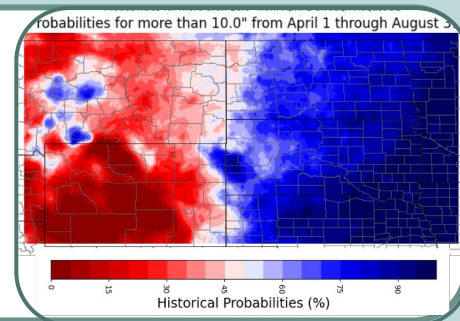
[U.S. Seasonal Drought Outlook](#)

These monthly maps from the National Weather Service use forecasts to predict whether drought will persist, develop, or improve over the next three months.



[Regional Probability of Exceedance](#)

These maps from the National Drought Mitigation Center show the chances that your area will receive at least a certain amount of precipitation during the rest of the growing season. Using this tool along with Grass-Cast can help producers determine the probability of an above or below-average forage production year.



**Access this sheet online,
with clickable links:**



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Predicting & Monitoring Drought

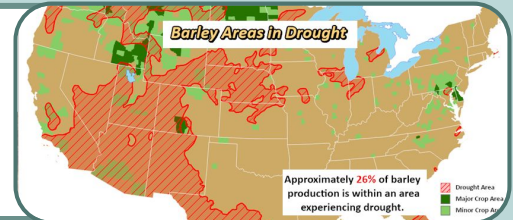
[WY-Adapt Data Repository](#)

These maps and charts show data and projections for Wyoming temperature, precipitation, wind speed, snowpack, lake levels, extremes, and more. These resources are especially useful for understanding how water resources are projected to change over time.



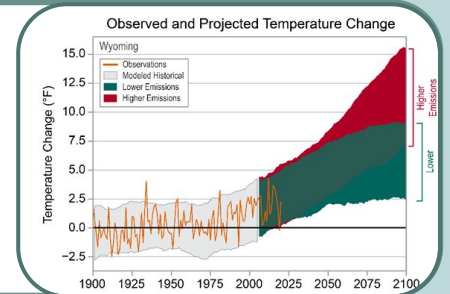
[U.S. Agricultural Commodities in Drought](#)

These weekly maps and statistics from the USDA show how much of a certain crop is currently impacted by drought in the U.S., and where those impacts are occurring.



[Climate Quick Reference Guides](#)

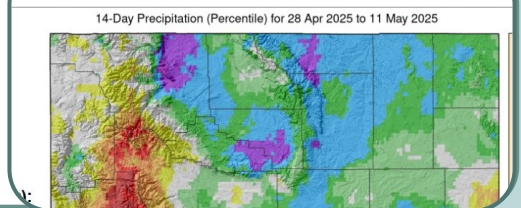
These 1-page guides, available for each county in the U.S., provide a quick overview of key historic and projected climate factors that impact agricultural production. The guides also list the top causes of crop loss for the past 30 years.



[Wyoming Conditions & Outlooks Webinars](#)

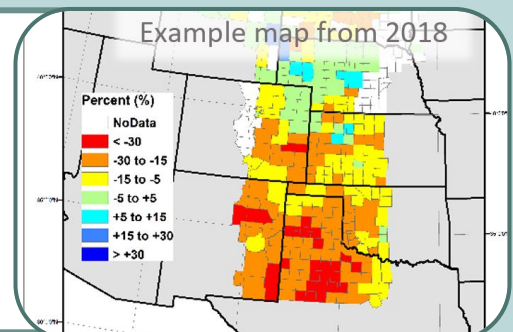
These monthly webinars give an overview of Wyoming's temperature, drought, floods, and more for the past and upcoming months.

14-Day Precipitation Percentile (01 May 2025 to 14



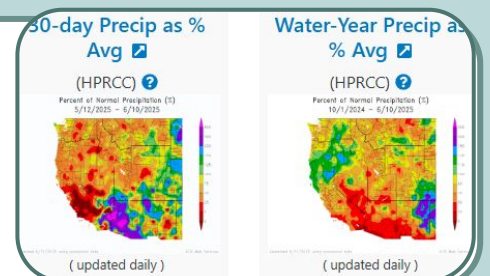
[Grass-Cast](#)

This experimental grassland productivity forecast predicts grass biomass for the growing season per county. Grass-Cast aims to help rangeland managers (like ranchers, extension, and NRCS) proactively manage drought and make decisions about trigger dates, stocking dates, and grazing rotations. Factsheet [here](#).



[Intermountain West Dashboard](#)

This dashboard pulls together tool provides situational awareness of weather, drought, and water resources for Colorado, Utah, and Wyoming, including soil moisture, drought, and seasonal outlooks.



Drought Assistance, Publications & Planning Resources

[Drought Management Database](#)

This database managed by the National Drought Mitigation Center allows users to search for information on drought adaptation studies, categorized by sector.

☐ Agriculture (Farming)

☒ Crops

☐ Soil Enhancement

☐ Tillage

☐ Irrigation

[USDA Disaster Assistance Discovery Tool](#)

This 5-question survey helps producers find USDA disaster assistance programs they might qualify for and prepare for a visit to a USDA service center.

3. Which natural disaster impacted you?

Select all that apply

Storms



Excessive wind

☐

Hail

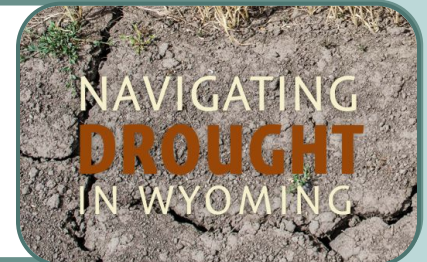
☐

Hurricane

☐

[Navigating Drought in Wyoming](#)

This 60-page guide was developed to help the Wyoming agriculture community identify, prepare, and negotiate drought impacts.



[Planning Guide for Great Plains Ranchers](#)

This guide from the National Drought Mitigation Center helps rangeland managers better prepare for and manage drought, including information on ranch inventory, critical dates, monitoring, and coming up with a drought plan.

Managing Drought Risk on the Ranch



[Building Sustainable Farms, Ranches and Communities: Guide to Federal Programs](#)

This guide lists programs available to help producers manage risk, conserve natural resources, engage in business development, and other programs to help build sustainability and resilience. More information and links to FSA Disaster Assistance Programs, specifically, can be found [here](#).

BUILDING SUSTAINABLE FARMS, RANCHES AND COMMUNITIES

A GUIDE TO FEDERAL PROGRAMS
for Sustainable Agriculture, Forestry,
Entrepreneurship, Conservation, Food
Systems, and Community Development



For even more resources, check out the [National Drought Mitigation Center](#), [U.S. Climate Resilience Toolkit](#), or [National Integrated Drought Information System](#) !