



Drought Information Statement for MONTANA

Valid: November 7, 2025

Issued By: NWS Great Falls, NWS Missoula, NWS Glasgow, NWS Billings
Contact Information:

- This product will be updated, December 12, 2025, 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/TFX/DroughtInformationStatement> for previous statements.
-
- D3 - Extreme Drought
 - Conditions have ended along the western Montana border with Idaho.
 - Conditions continue across a portion of central Montana.
 - Conditions have developed across an additional portion of central Montana.



U.S. Drought Monitor

Link: [Latest Montana U.S. Drought Monitor](#)

U.S. Drought Monitor Montana

November 4, 2025

(Released Thursday, Nov. 6, 2025)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	31.45	68.55	53.44	32.06	1.32	0.00
Last Week 10-28-2025	30.68	69.32	54.31	25.27	2.03	0.00
3 Months Ago 08-05-2025	27.34	72.66	56.43	27.92	7.86	0.00
Start of Calendar Year 01-01-2025	6.70	93.30	54.22	27.25	13.79	0.00
Start of Water Year 09-30-2025	27.06	72.94	40.74	31.81	8.55	0.00
One Year Ago 11-05-2024	0.00	100.00	58.27	37.69	13.96	0.90

Intensity

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

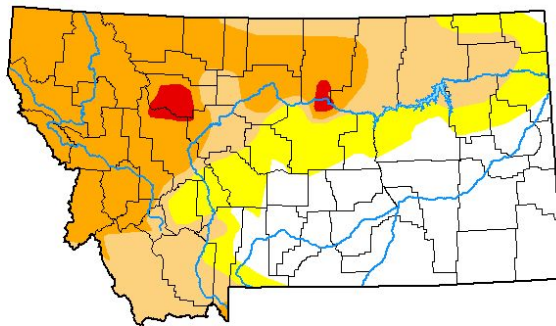
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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CPC/NOAA/NWS/NCEP



droughtmonitor.unl.edu



• Drought Intensity and Extent

- **D4 (Exceptional Drought):** None
- **D3 (Extreme Drought):** Portions of central MT
- **D2 (Severe Drought):** Portions of western and central MT
- **D1 (Moderate Drought):** Portions of southwestern, central and northeastern MT
- **D0: (Abnormally Dry):** Portions of southwestern, central and northeastern MT



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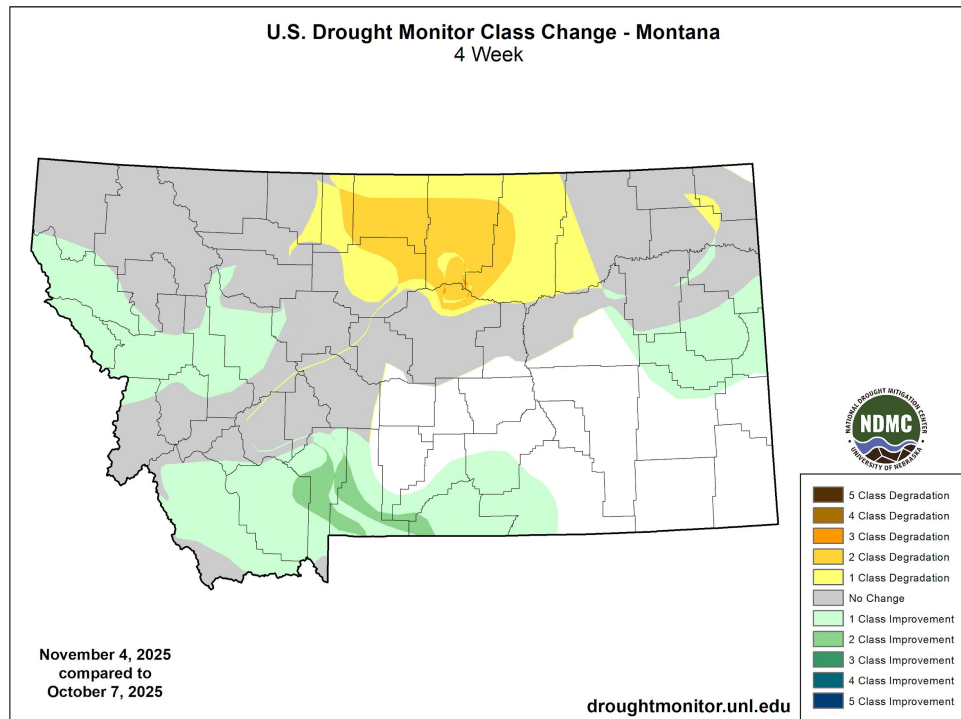
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Great Falls, Montana



Recent Change in Drought Intensity

Link: [Montana 4-week Change Map](#)

- Four Week Drought Monitor Class Change
 - **Drought Worsened:** Portions of northern, central and northeastern MT
 - **No Change:** Much of the western, central and northeastern MT
 - **Drought Improved:** Across portions of western, southern and eastern MT



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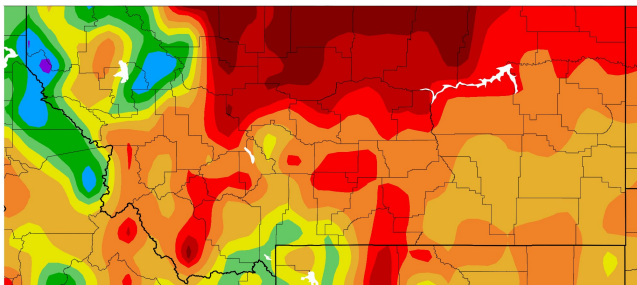
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National Weather Service
Great Falls, Montana



Precipitation

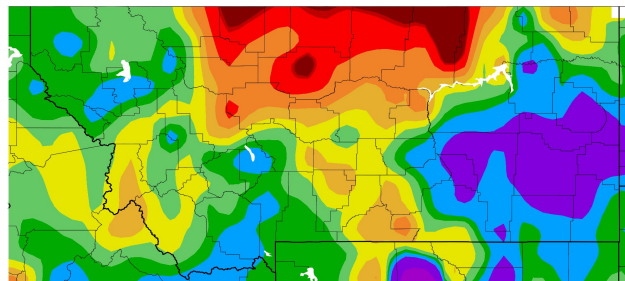
Precipitation (in)
10/8/2025 – 11/6/2025



Generated 11/7/2025 using provisional data.

ACIS Web Services

Percent of Normal Precipitation (%)
10/8/2025 – 11/6/2025



Generated 11/7/2025 using provisional data.

ACIS Web Services

- **Precipitation (in):** During the past month, most of the state received less than 3.0 inches of precipitation, with most of northern Montana receiving less than 1.0 inch, and some areas receiving 0.1 inches or less.
- **Percent of Normal Precipitation (%):** North central MT has received well below normal precipitation with a large portion of the area recorded in the 25% or less range. Portions of eastern MT are the wettest part of the state, with some counties receiving 200% to 400% of normal precipitation during the past month.

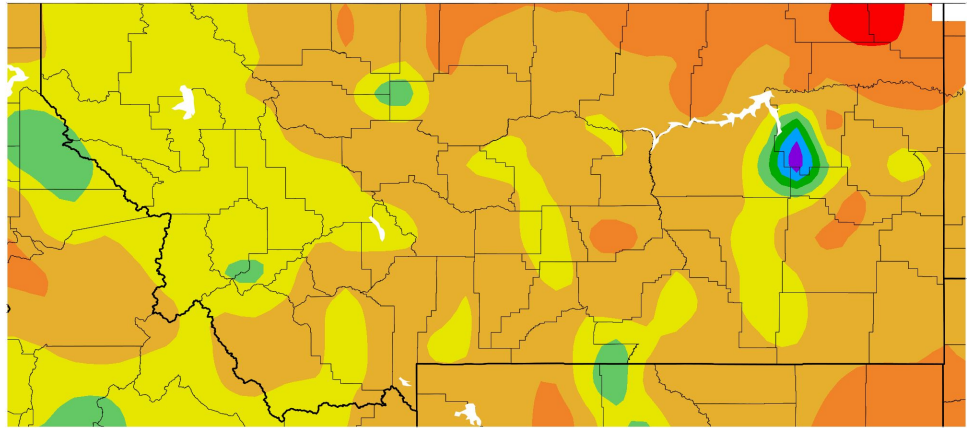




Temperature

Departure from Normal Temperature (F)
10/8/2025 – 11/6/2025

- The Treasure State trended warmer than normal during that past month, with a portion of northeastern MT recording temperatures as high as 6 to 8 degrees above normal.



Generated 11/7/2025 using provisional data.

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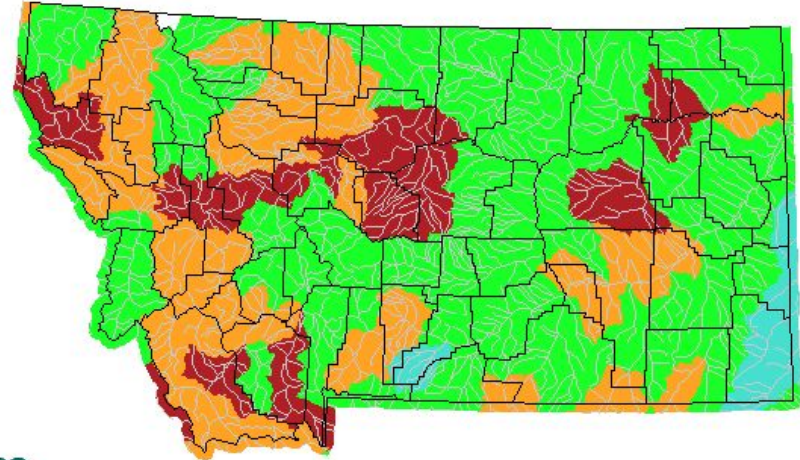
Hydrologic Conditions and Impacts

Link: [USGS 7-day Average Streamflow Compared to Historical](#)

USGS 7-Day Average Streamflow HUC Map

Thursday, November 06, 2025

- **Below Normal:** Many of the MT state watersheds are experiencing streamflow in the below normal to much below normal range.
- **Normal:** Much of Montana's streamflow is reported within normal range.
- **Above Normal:** Streamflow for portions of southern and eastern MT are in the above normal percentile class.



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

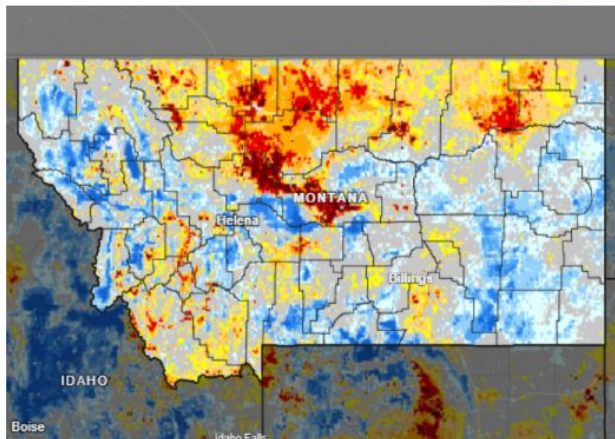




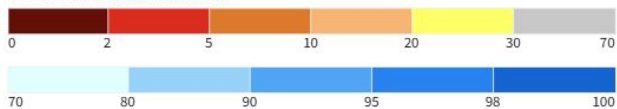
Agricultural Impacts

Link: drought.gov/states/montana

NASA SPoRT-LIS 0–100 cm Soil Moisture Percentile



0–100 cm Soil Moisture Percentile



An accurate depiction of soil moisture conditions can provide valuable insights for agricultural monitoring, weather prediction, and drought and flood early warning. This map shows the moisture content of the top 1 meter of soil compared to historical conditions from 1981–2013, based on NASA's Short-term Prediction and Transition Center – Land Information System (SPoRT-LIS). Red and orange hues indicate drier soils, while greens and blues indicate greater soil moisture.

Source(s): NASA
Data Valid: 11/06/25

Drought.gov

- The soils of central and northern MT are showing large areas where Soil Moisture Percentile is in the 0 to 10 percentile range. Southwestern MT is quite dry, as well.
- Soil Moisture Percentile is at 70% and above across portions of the remainder of the state.



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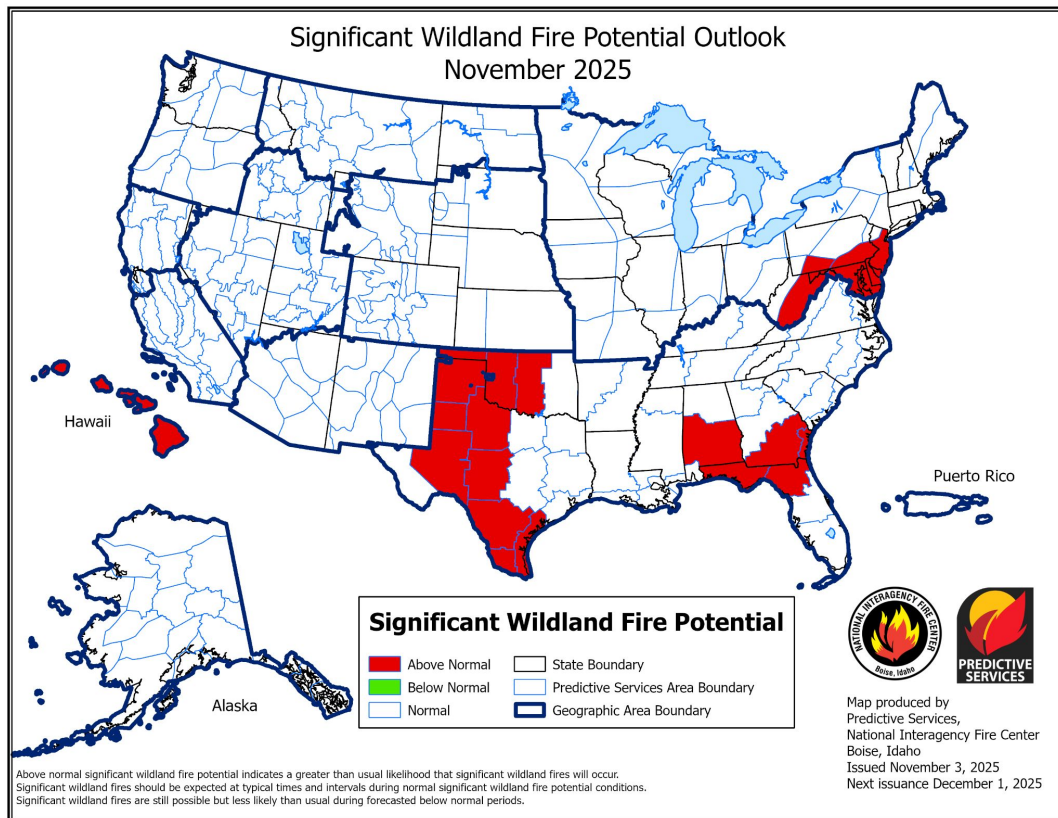
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Fire Hazard Impacts

Link: [Wildfire Potential Outlooks from the National Interagency Coordination Center](#)

- For the month of November, the state of MT is included in an area of normal significant wildland fire potential conditions.
 - Significant wildland fires should be expected at typical times and intervals.

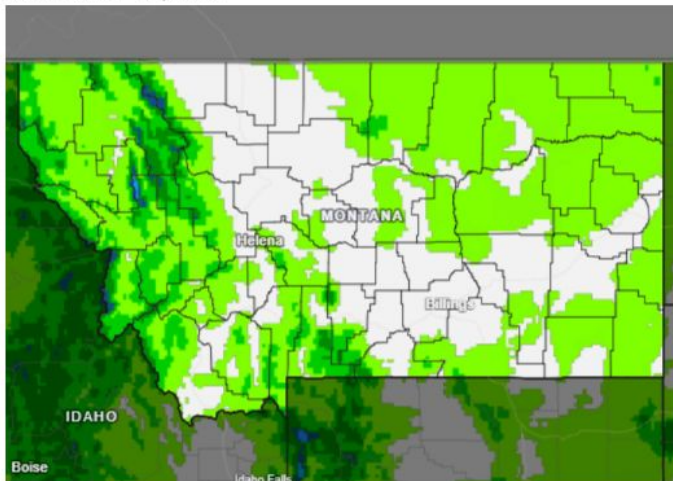




7-Day Precipitation Forecast

Link: drought.gov/states/montana

7-Day Quantitative Precipitation Forecast for
November 7–14, 2025



Predicted Inches of Precipitation



This map shows the amount of liquid precipitation (in inches) expected to fall over the next 7 days, according to the National Weather Service.

Source(s): National Weather Service Weather Prediction Center
Last Updated: 11/07/25

Drought.gov

- Through, November 14, 2025, the 7-Day Liquid Precipitation Forecast, keeps most of the state receiving 0.0" to 0.1" of moisture, with modest higher amounts at higher elevations.



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8 to 14-Day Hydrologic Hazards Outlook

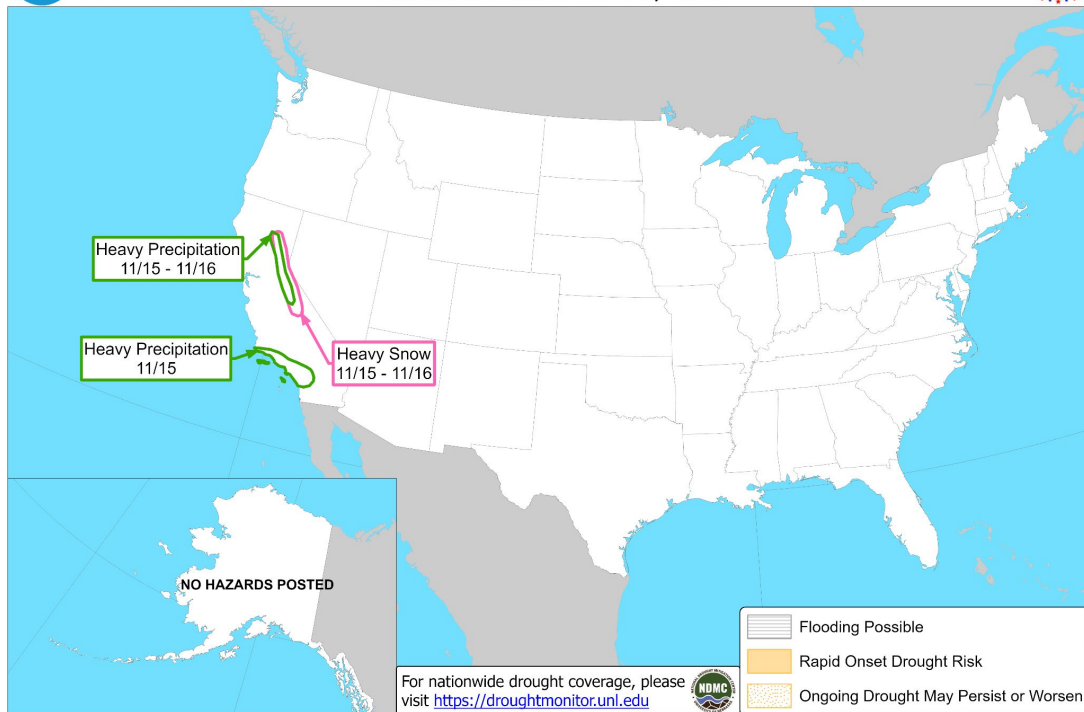
Link: [Climate Prediction Center 8 to 14-day Hazards Outlook](#)

- As of this time, no significant flooding or rapid onset drought hazards are forecast to occur across The Treasure State from, November 15th to 21st, 2025.



Days 8-14 U.S. Hazards Outlook

Valid: November 15 - 21, 2025



Climate Prediction Center

Released: November 7, 2025 3:00 PM EST

Follow us:

www.cpc.ncep.noaa.gov



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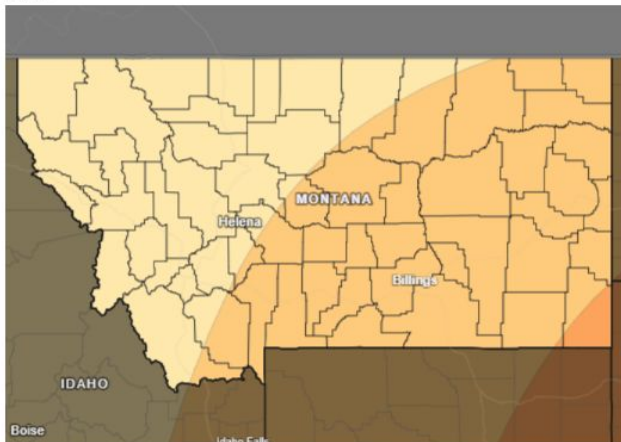
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8 to 14-Day Temperature and Precipitation Outlooks

The latest monthly and seasonal outlooks can be found on the [CPC Homepage](https://www.cpc.ncep.noaa.gov/)

8–14 Day Temperature Outlook for November 14–20, 2025



Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Near-Normal Conditions

This map shows the probability (percent chance) of above-normal, near-normal, or below-normal temperature 8 to 14 days in the future.

Source(s): Climate Prediction Center

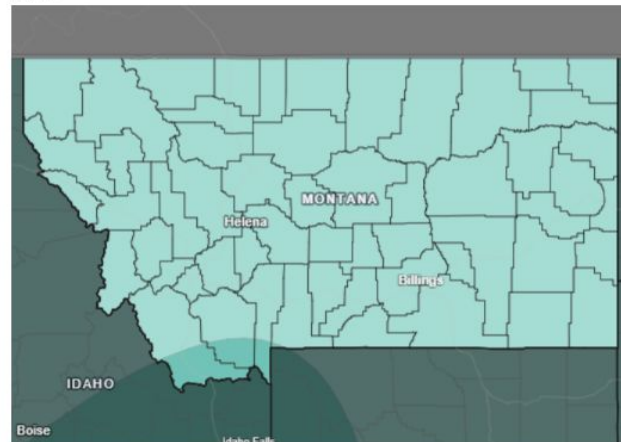
Last Updated: 11/06/25

[Drought.gov](https://drought.gov)

The 8 to 14-Day Temperature Outlook shows a better chance for warmer than normal temperatures across the state of MT.

The 8 to 14-Day Precipitation Outlook shows a better chance for above normal precipitation, statewide.

8–14 Day Precipitation Outlook for November 14–20, 2025



Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Near-Normal Conditions

This map shows the probability (percent chance) of above-normal, near-normal, or below-normal precipitation 8 to 14 days in the future.

Source(s): Climate Prediction Center

Last Updated: 11/06/25

[Drought.gov](https://drought.gov)



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Seasonal Temperature and Precipitation Outlooks

The latest monthly and seasonal outlooks can be found on the [CPC Homepage](https://cpc.ncep.noaa.gov)

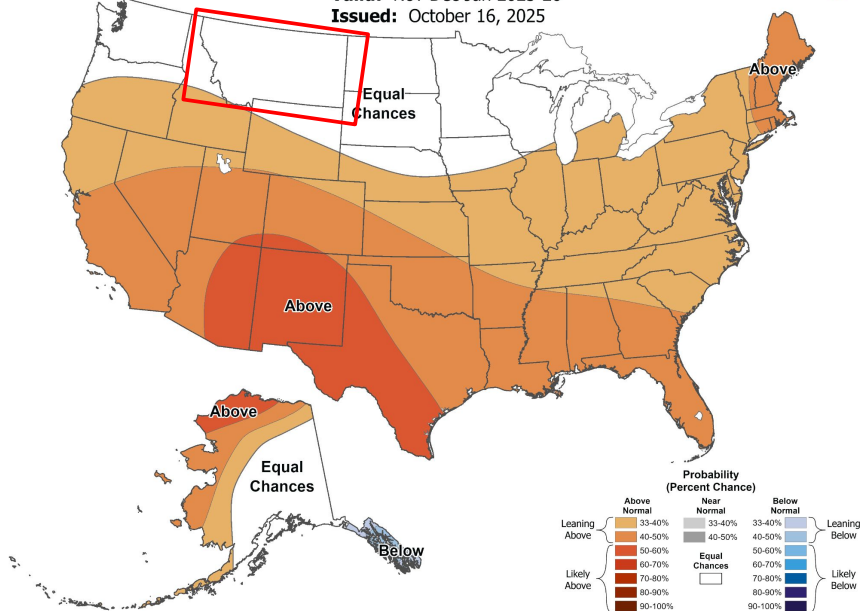
The Seasonal Temperature Outlook shows equal chances for warmer or cooler than normal temperatures for the period of, November 2025 through January 2026.

The Seasonal Precipitation Outlook suggests better chances for above normal precipitation, statewide.



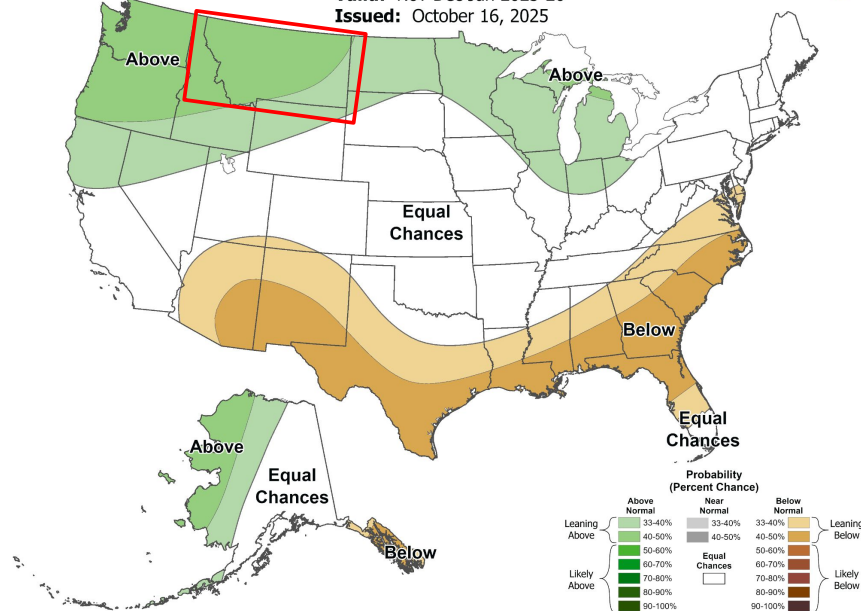
Seasonal Temperature Outlook

Valid: Nov-Dec-Jan 2025-26
Issued: October 16, 2025



Seasonal Precipitation Outlook

Valid: Nov-Dec-Jan 2025-26
Issued: October 16, 2025



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Seasonal Drought Outlook

The latest monthly and seasonal outlooks can be found on the [CPC homepage](https://www.cpc.ncep.noaa.gov/)

- **Persisting:** For the seasonal period of, October 31, 2025 through the end of January 2026, persistent drought conditions are predicted across large portions of central and northeastern, MT, with persistent drought expanding into western and southwestern MT.
- **Developing:** None
- **Improving:** Much of western MT
- **Ending:** The Seasonal (3-Month) Drought Outlook includes portions of southwestern and south central MT in an area leaning toward ending drought.
- **No Drought:** Much of central and eastern MT

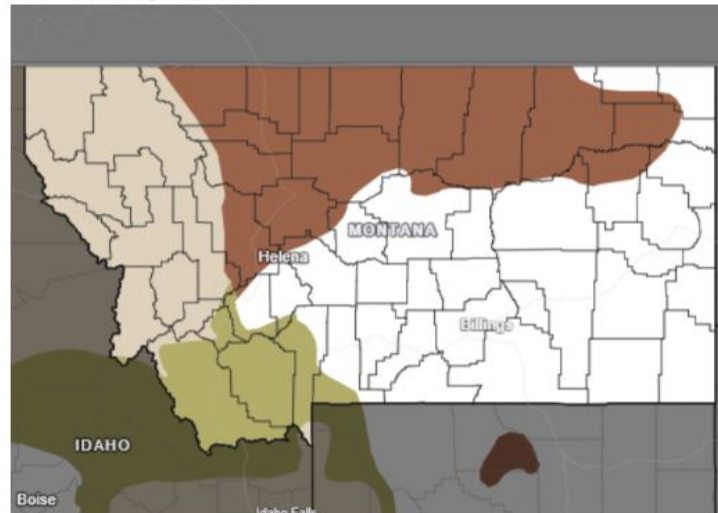
<https://www.drought.gov/states/montana>

Links to the latest:

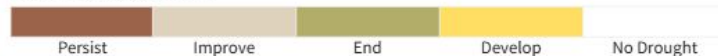
[Climate Prediction Center Monthly Drought Outlook](https://www.cpc.ncep.noaa.gov/monthly/drought/)

[Climate Prediction Center Seasonal Drought Outlook](https://www.cpc.ncep.noaa.gov/seasonal/drought/)

Seasonal (3-Month) Drought Outlook for October 31, 2025–January 31, 2026



Drought Is Predicted To...



The Seasonal Drought Outlook predicts whether drought will develop, remain, improve, or be removed in the next 3 months or so.

Source(s): Climate Prediction Center

Last Updated: 10/31/25

Drought.gov



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Summary of Impacts

Links: Submit [Condition Monitoring Observer Reports \(CMOR\)](#) and View the [Drought Impacts Reporter](#)

Hydrologic Impacts

- A portion of North Fork Blackfoot River is experiencing Drought Closure, prohibiting fishing 24-hours per day.

Agricultural Impacts

- As of, November 7, 2025, U.S. Agricultural Commodities in Drought reports
 - 54% of barley production affected by Severe Drought (D2) to Extreme Drought (D3) in the state of Montana.
 - 60% of winter wheat production is, currently, affected by D2 to D3 drought conditions.

Fire Hazard Impacts

- Fire safety practices continue important.

Other Impacts & Messaging

- 68.25% of the state of Montana is reported as, “severely dry,” with an additional, 22.46% reported as, “moderately dry.”
Montana State Library | National Drought Mitigation Center. 2025. Drought Impacts. [accessed November 7, 2025].
<https://storymaps.arcgis.com/stories/76204aa1271a4a7f8a775fc2bba9ef83>

Mitigation Actions

- Montana State Drought Monitor authors work to create maps with the highest level accuracy based upon the a deep dive into the available data, providing partners with valuable information to assist with action planning.
- Communication and collaboration amongst partners continues extremely important.

