



Drought Information Statement for MONTANA

Valid: June 5, 2025

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

Contact Information:

- This product will be updated, July 3, 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 drought conditions have ended across the state of Montana.





U.S. Drought Monitor

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

U.S. Drought Monitor Montana

June 3, 2025

(Released Thursday, Jun. 5, 2025)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	18.45	81.55	52.87	23.45	0.00	0.00
Last Week 05-27-2025	22.17	77.83	53.50	23.21	0.00	0.00
3 Months Ago 03-04-2025	40.90	59.10	34.98	13.43	3.48	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 10-01-2024	15.18	84.82	42.24	21.05	9.44	0.90
One Year Ago 06-04-2024	43.83	56.17	37.37	4.63	0.00	0.00

Intensity:

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

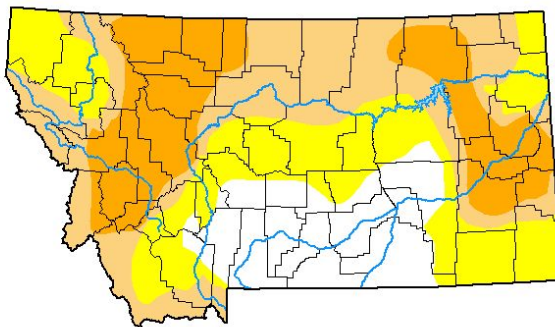
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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CPC/NOAA



droughtmonitor.unl.edu



Drought intensity and Extent

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



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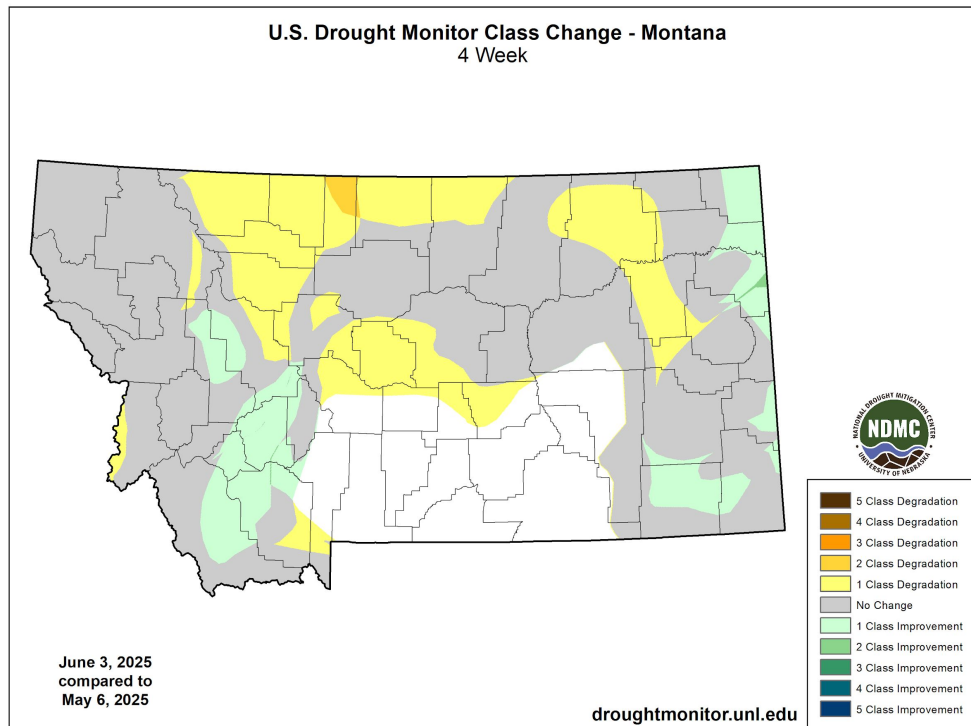
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Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change
 - **Drought Worsened:** Areas of western, central and eastern MT
 - **No Change:** No change in drought conditions was observed across most of the state.
 - **Drought Improved:** Drought class has improved across areas of western, central and eastern MT



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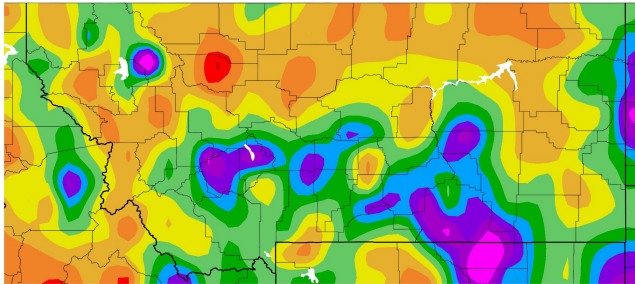
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Great Falls, Montana



Precipitation

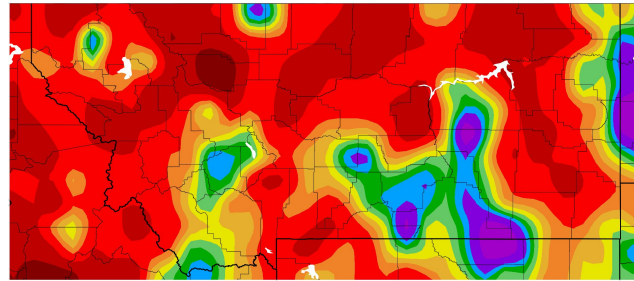
Precipitation (in)
5/6/2025 – 6/4/2025



Generated 6/5/2025 using provisional data.

ACIS Web Services

Percent of Normal Precipitation (%)
5/6/2025 – 6/4/2025



Generated 6/5/2025 using provisional data.

ACIS Web Services

- **Precipitation (in):** During the past month, precipitation across The Treasure State is, generally, characterized by a dry northern half of the state, and a moist southern half.
- **Percent of Normal Precipitation (%):** Most of The Treasure State received well below normal precipitation, while precipitation values for portions of southern and eastern MT, and a couple of isolated areas of northern MT, were in the above normal range.

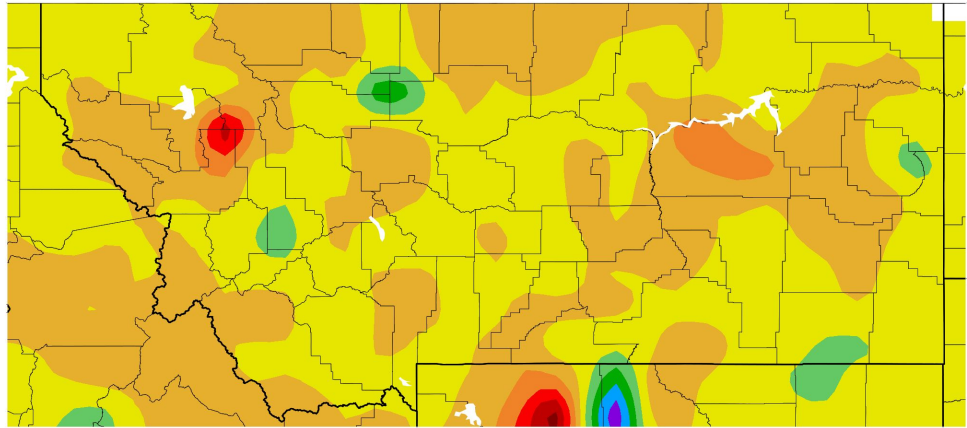




Temperature

Departure from Normal Temperature (F)
5/6/2025 – 6/4/2025

- Over the past four weeks, with the exception of a few isolated areas, temperatures were above normal for the state of Montana.



Generated 6/5/2025 using provisional data.

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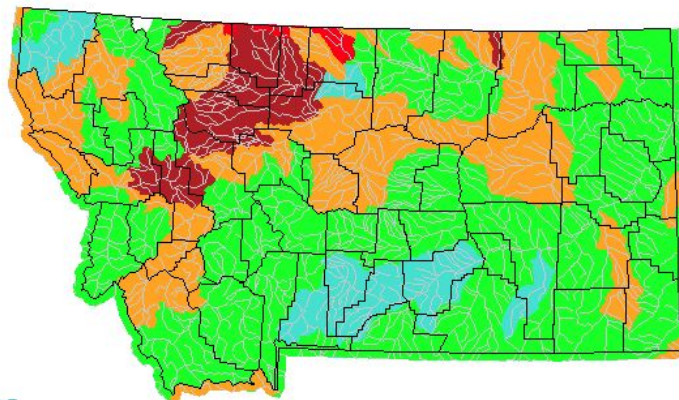
Hydrologic Conditions and Impacts

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

Map of 7-day average streamflow compared to historical streamflow for the day of the year (Montana)

Montana or Water-Resources Regions All Days

Wednesday, June 04, 2025



Explanation - Percentile classes

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

- **Above Normal:** 7-Day Average Streamflow values for a few basins of northern and southern MT are included in the above normal range.
- **Normal:** Much of the state is experiencing streamflow in the normal range.
- **Below Normal:** Many river basins across the state are experiencing below normal streamflow, with portions of western and northern MT in the much below normal range, and portions of The Milk River Basin continuing in the low percentile class.

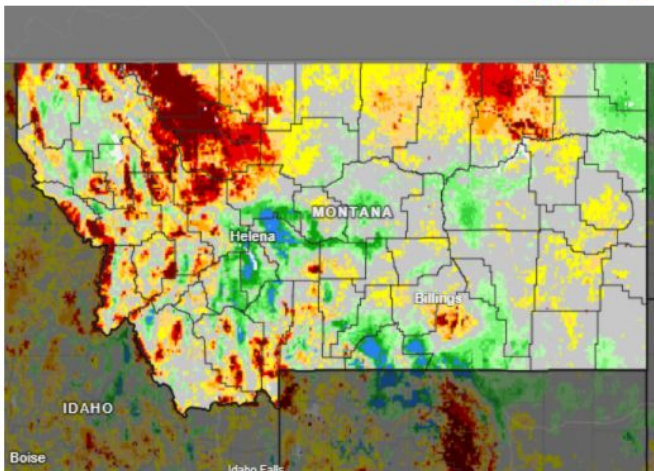




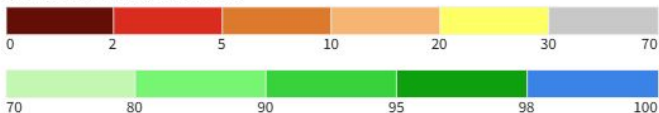
Agricultural Impacts

Link: drought.gov/states/montana

NASA SPoRT-LIS 0-100 cm Soil Moisture Percentile



0-100 cm Soil Moisture Percentile



This NASA SPoRT-LIS soil moisture map shows the moisture content of the top 100 cm of soil compared to historical conditions (1981-2013), based on the Noah unified land surface model. Red and orange hues indicate drier soils, while greens and blues indicate greater soil moisture.

Source(s): NASA

Data Valid: 06/04/25

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The Soil Moisture Percentile map includes much of the state in the dry range, with the highest soil moisture values located across portions of central and southern MT.



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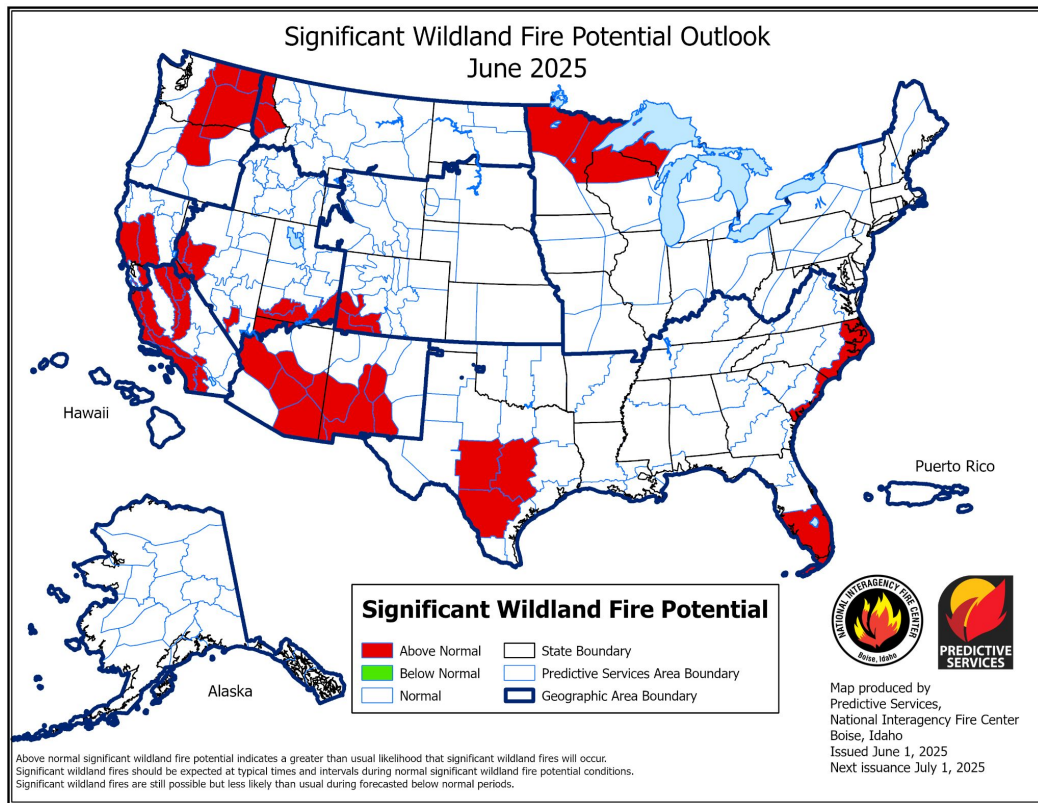
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Fire Hazard Impacts

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

- During the month of June, Montana continues in an area of normal significant wildland fire potential conditions.
- Significant wildland fires should be expected at typical times and intervals.



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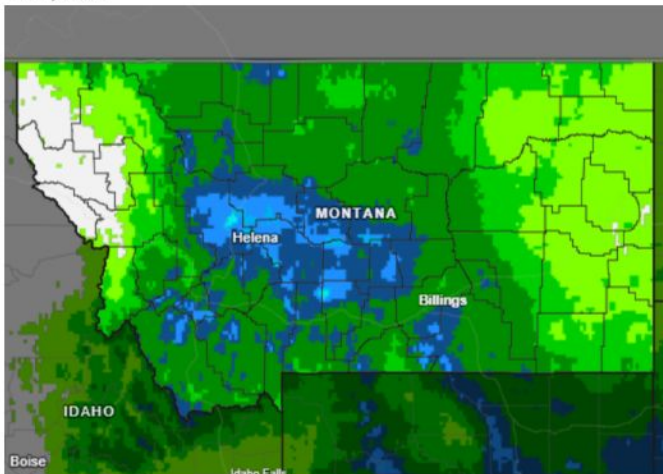
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7-Day Precipitation Forecast

Link: drought.gov/states/montana

7-Day Quantitative Precipitation Forecast for June
4-11, 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: 06/05/25

Drought.gov

- Through, June 11, 2025, the liquid precipitation forecast, generally, shows widespread precipitation of up to 1" at lower elevations.
- As much as 1.25" to 1.50" of precipitation is forecast to fall across the higher elevations of central and southern MT.
- Much of western MT is forecast to remain dry.

Note: Most precipitation is forecast to occur toward the end of this forecast period.



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8 to 14-Day Hydrologic Hazards Outlook

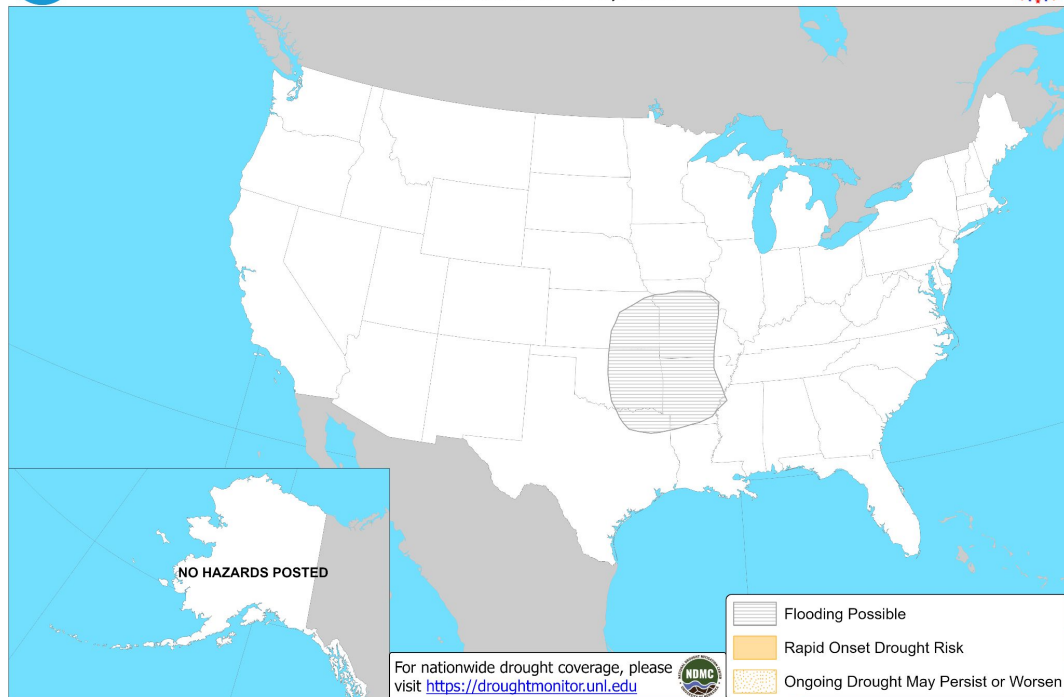
Link: [Climate Prediction Center 8 to 14-day Hazards Outlook](#)

- As of this time, no significant flooding or rapid onset drought hazards are forecast to occur across The Treasure State from, June 12th to 18th.



Days 8-14 U.S. Hazards Outlook

Valid: June 12 - 18, 2025



Climate Prediction Center

Released: June 4, 2025 3:00 PM EDT

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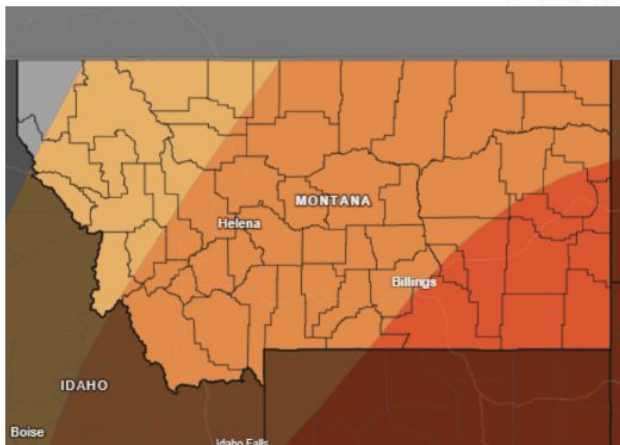
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8 to 14-Day Temperature and Precipitation Outlooks

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 June 12-18, 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.

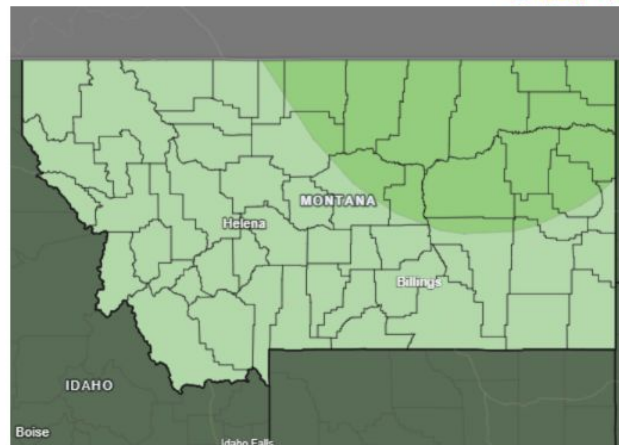
Source(s): Climate Prediction Center
Last Updated: 06/04/25

Drought.gov

The 8 to 14-Day Temperature Outlook shows a better chance for warmer than normal temperatures across most of The Treasure State.

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

8-14 Day Precipitation Outlook for June 12-18, 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: 06/04/25

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Seasonal Temperature and Precipitation Outlooks

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

The Seasonal Temperature Outlook shows a better chance for warmer than normal temperatures across The Treasure State.

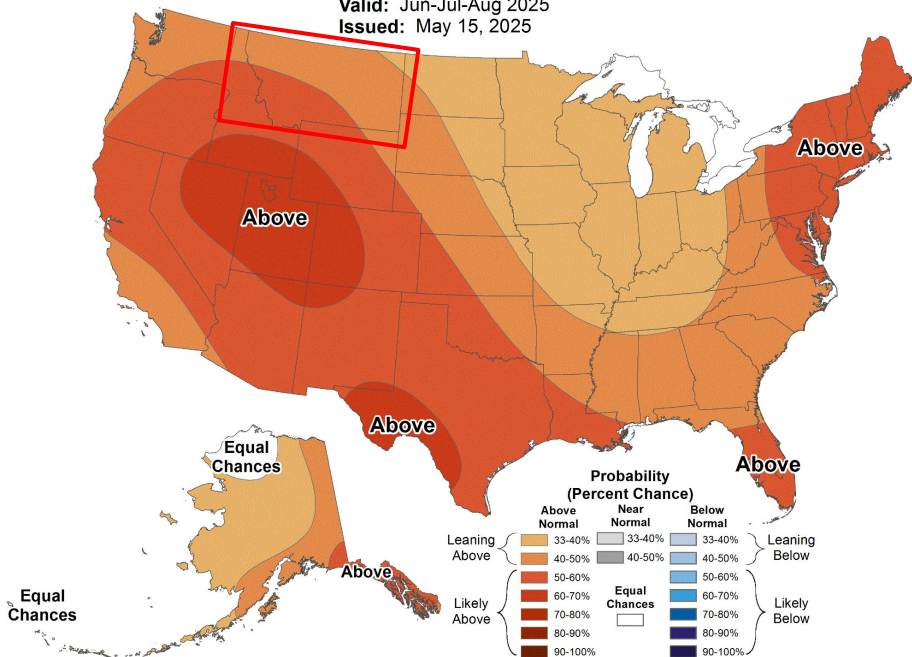
The Seasonal Precipitation Outlook shows a better chance for below normal precipitation, statewide.



Seasonal Temperature Outlook



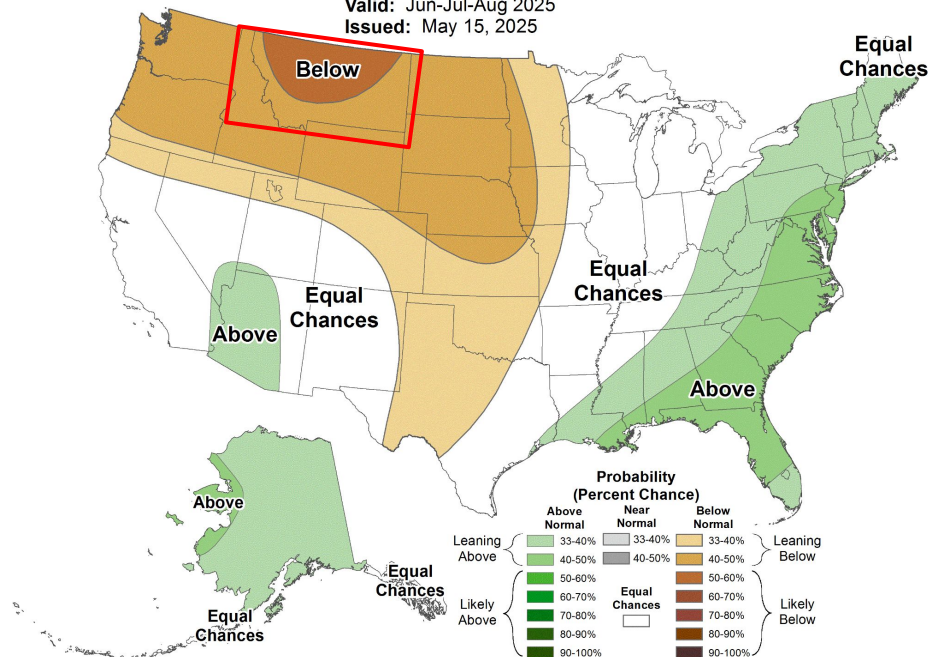
Valid: Jun-Jul-Aug 2025
Issued: May 15, 2025



Seasonal Precipitation Outlook



Valid: Jun-Jul-Aug 2025
Issued: May 15, 2025



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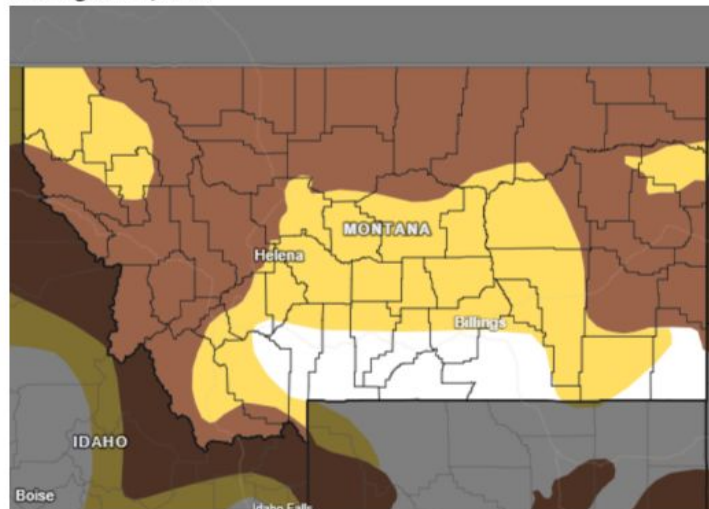
Seasonal Drought Outlook

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

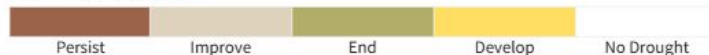
- **Persisting:** Drought conditions are predicted to persist across much of western, central and eastern MT.
- **Developing:** Most of the remainder of the state
- **Improving:** None
- **Ending:** None
- **No Drought:** Portions of southern MT

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

Seasonal (3-Month) Drought Outlook for May 31–August 31, 2025



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: 05/31/25

Drought.gov

Links to the latest:

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

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



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Summary of Impacts

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

Hydrologic Impacts

- Near 60% of the state of Montana is reported as, “severely dry,” with an additional, near 28% reported as, “moderately dry.” Montana State Library | National Drought Mitigation Center. 2025. Drought Impacts. [accessed June 5, 2025]. <https://storymaps.arcgis.com/stories/76204aa1271a4a7f8a775fc2bba9ef83>

Agricultural Impacts

- Crops are struggling, at best, in many areas: spring wheat, alfalfa, hay, dry land forage.
- Grasshoppers are becoming an issue.

Fire Hazard Impacts

- The wet season, for much of the state, continues into June. Nonetheless, fires can, and do, ignite and spread. Please, exercise fire safety practices.

Other Impacts & Messaging

- Recreation
 - Rivers continue to run high, fast and cold.
 - Life jackets save lives.
- Never drive through flooded areas. “Turn around. Don’t Drown.”
- During flash flooding, “Climb to Safety.”

Mitigation Actions

- Thunderstorm season has begun. Special attention is paid to burn scar areas.
- Communication, coordination and collaboration between partners is always key.

