



# Drought Information Statement for Central and Northeast Wisconsin

Valid November 14, 2024

Issued By: WFO Green Bay, WI

Contact Information: [nws.greenbay@noaa.gov](mailto:nws.greenbay@noaa.gov)

- This product will be updated around November 22, 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/grb/DroughtInformationStatement> for previous statements.
  - Please visit <https://www.drought.gov/drought-status-updates/drought-status-update-midwest-2024-04-25>
- 
- Drought conditions continued to improve across much of the area during the past week, except across the far north where Severe Drought (D2) continued across far western Forest, the eastern half of Oneida and Vilas counties.



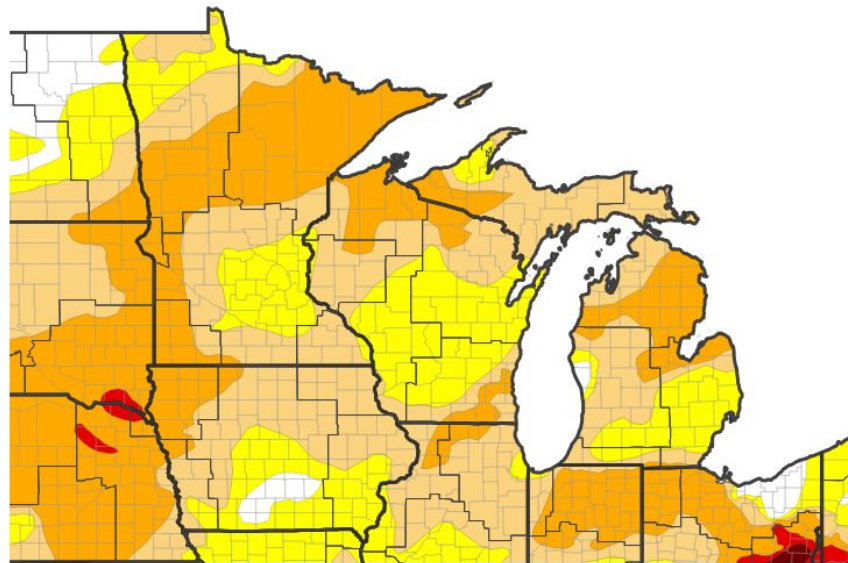


# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for [region]

- Drought intensity and Extent
  - **D2 (Severe Drought)**: Vilas, the eastern half of Oneida and far western Forest counties.
  - **D1 (Moderate Drought)**: Florence, Forest-except far west, Langlade, Lincoln - northeast and far northwest, Marinette - northern two thirds, Menominee - all but far south, Oconto - northern half, Oneida - western half and Shawano - far northwest counties.
  - **D0 (Abnormally Dry)**: The rest of central, north-central and northeast Wisconsin shaded in yellow.

U.S. Drought Monitor



U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 11/12/24



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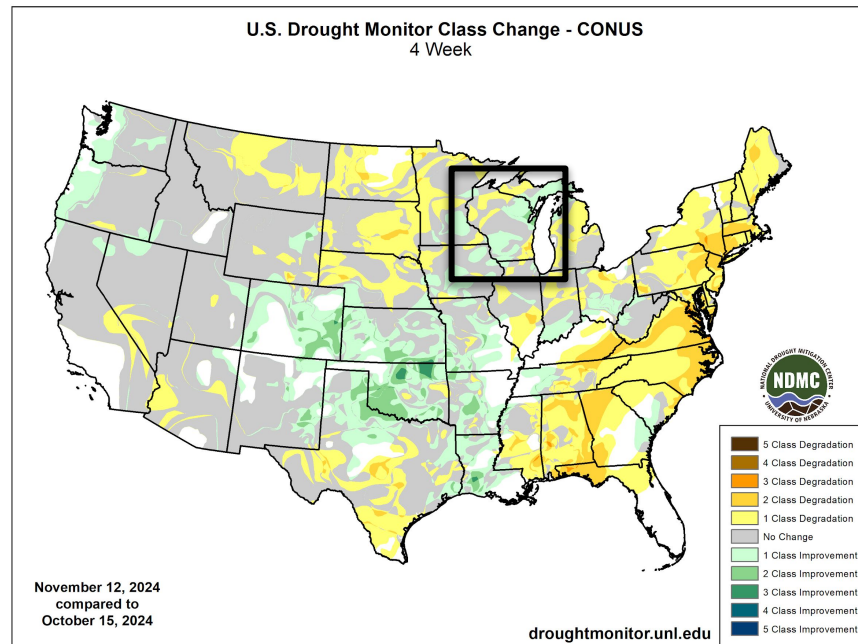
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Green Bay



# Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
  - **Drought Improvement:** Over the past month, a 1 to 2 category improvement in drought conditions was seen across much of northeast Wisconsin. Rainfall amounts of 2 to 5 inches have been recorded since October 29.
  - **No Change:** Little change in drought conditions have been noted across portions of central and east-central Wisconsin.
  - **Worsening:** Vilas and far northwest Oneida counties. This area has missed out on the heavier rainfall over the last several weeks.

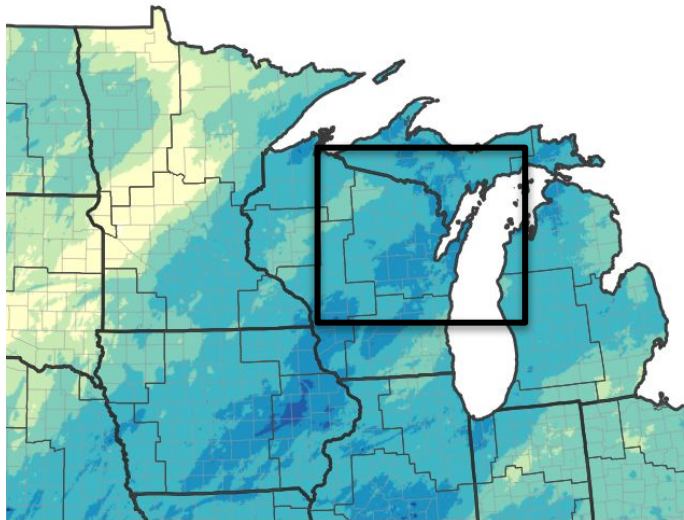




# Precipitation

- Most of Vilas and Oneida counties have only seen 50 to 75% of normal precipitation over the past week. A swath of heavy rain from central into northeast Wisconsin during the past week has resulted in rainfall totals 100 to 250% of normal.

7-Day Precipitation Accumulations (Inches)

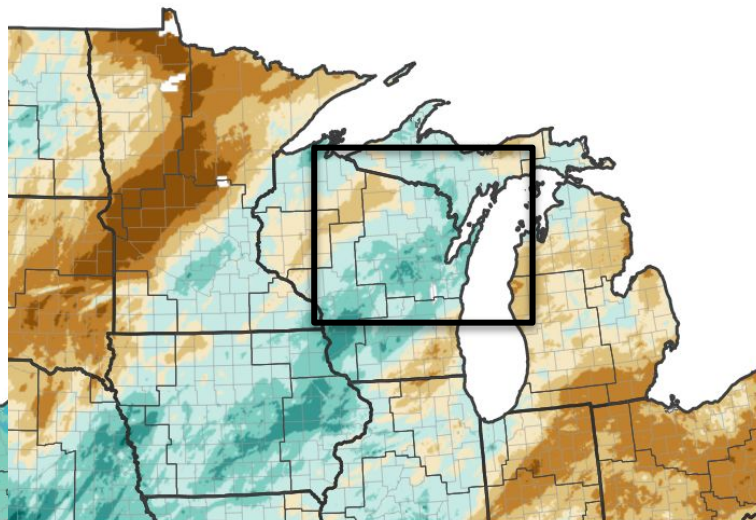


Legend for 7-Day Precipitation Accumulations (Inches)

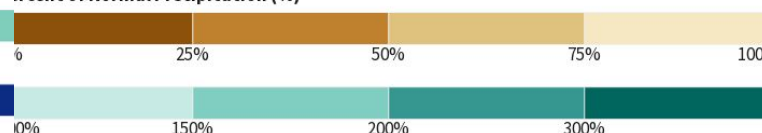


Source(s): National Weather Service Multi-Radar Multi-Sensor System;  
Image courtesy of Drought.gov

7-Day Percent of Normal Precipitation



Legend for 7-Day Percent of Normal Precipitation (%)



Last Updated: 11/14/2023  
Source(s): National Weather Service Multi-Radar Multi-Sensor System;  
Image courtesy of Drought.gov





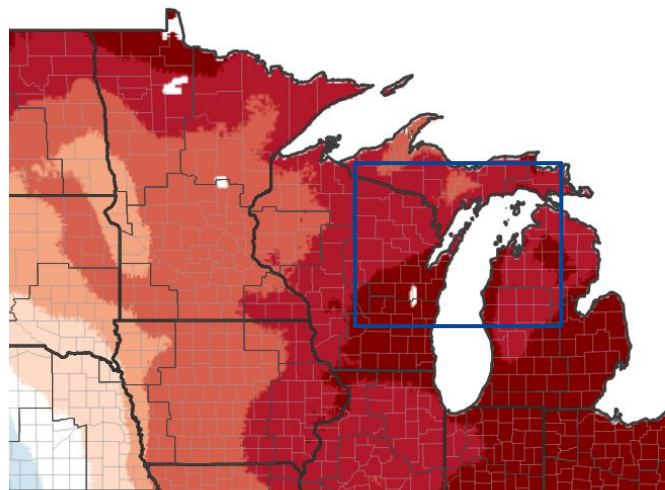


# Temperature

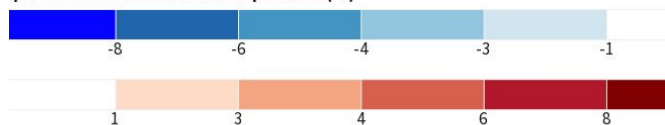
The 7 day (left image) and the 30 day temperature (right image) continued to show temperatures running 5F to 9F above normal.

Temperatures are expected to remain above normal into early next week, then a cool down is expected from Nov 22 to Nov 25.

-Day Temperature Anomaly

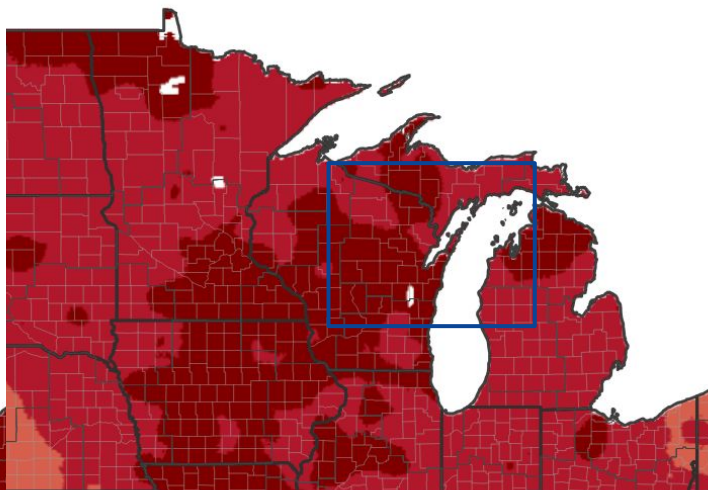


Departure from Normal Max Temperature (°F)

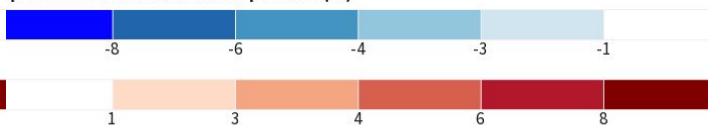


Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

0-Day Temperature Anomaly



Departure from Normal Max Temperature (°F)



Data Valid: Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 11/10/



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# Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

## Hydrologic Impacts

- Rivers across the area have risen from previous lows in October due to recent soaking rainfall events over the last several weeks.

## Agricultural Impacts

- There should be minimal impacts to agricultural interest since the main growing season has ended. Recent rainfall should help the winter wheat crop.

## Fire Hazard Impacts

- Recent rainfall and cooler weather has diminished the risk of wildfires in November.

## Other Impacts

- There are no known impacts at this time.

## Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information. If you plan on burning, please check the Wisconsin DNR website for any bans on burning. <https://apps.dnr.wi.gov/wisburn/#/>





# Hydrologic Conditions and Impacts

- River levels are on the rise during the past several weeks due to the recent soaking rains.

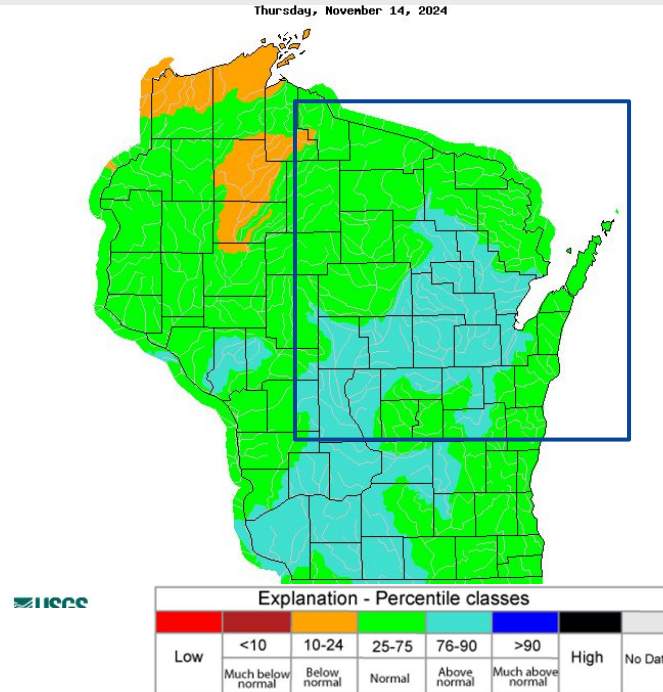


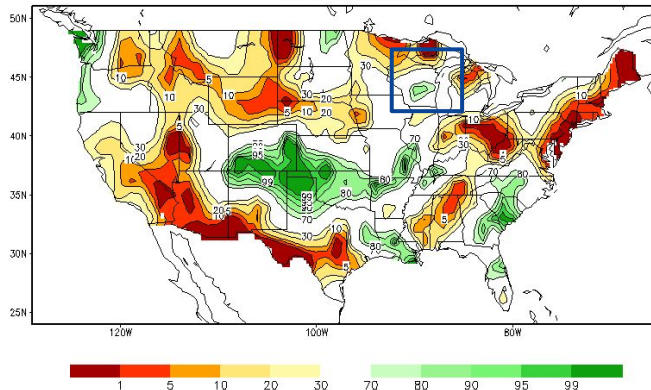
Image Caption: USGS 7 day average streamflow HUC map valid 11 07 2024



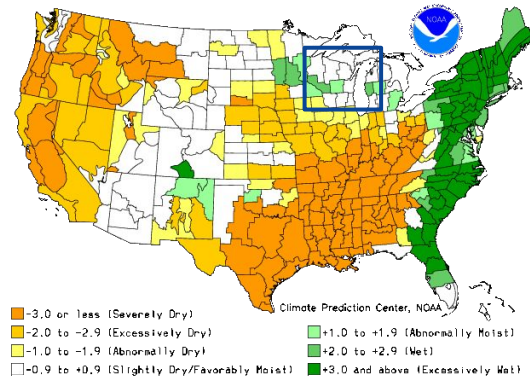
# Agricultural Impacts

- Soil moisture conditions have improved across much of the area during the past weeks. Rainfall totals since October 29th range from 2 to 5 inches. Soil moisture across far northern Wisconsin remains deficient as this area has missed out on the heavier rainfall since late October.

Calculated Soil Moisture Ranking Percentile  
NOV 13, 2024



Crop Moisture Index by Division  
Weekly Value for Period Ending OCT 26, 2024  
Short Term Need vs. Available Water in a Shallow Soil Profile



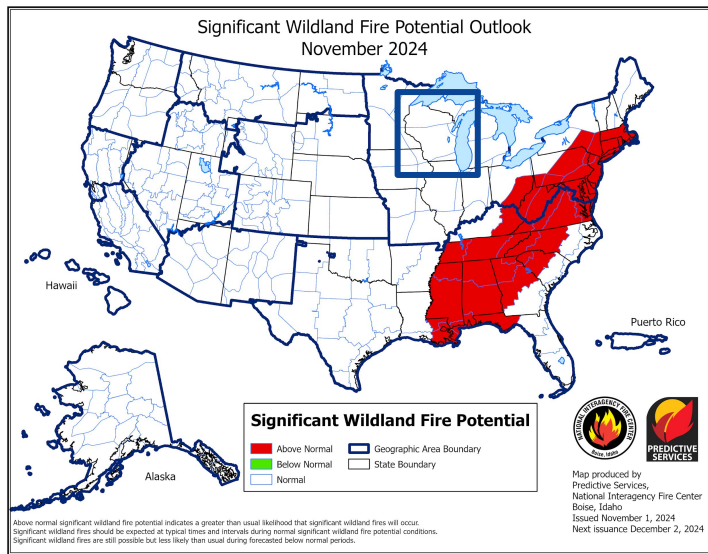




# Fire Hazard Impacts

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

- The risk of wildland fires is low due to the recent rains and cooler temperatures.



## Wisconsin Fire Danger Map



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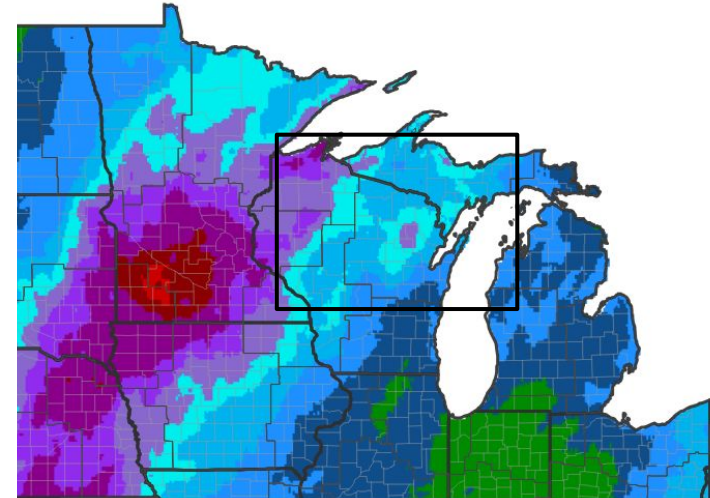
National Weather Service  
Green Bay



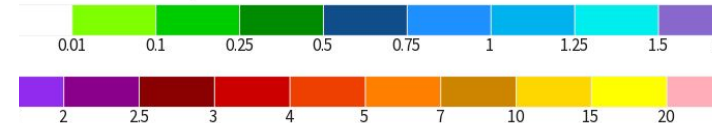
# Seven Day Precipitation Forecast

- Another potent system will bring more rain to the area around November 19, with some lingering light precipitation into November 20.

Day Quantitative Precipitation Forecast for November  
2024–November 21, 2024



dicted Inches of Precipitation



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

Last Updated: 11/1/24



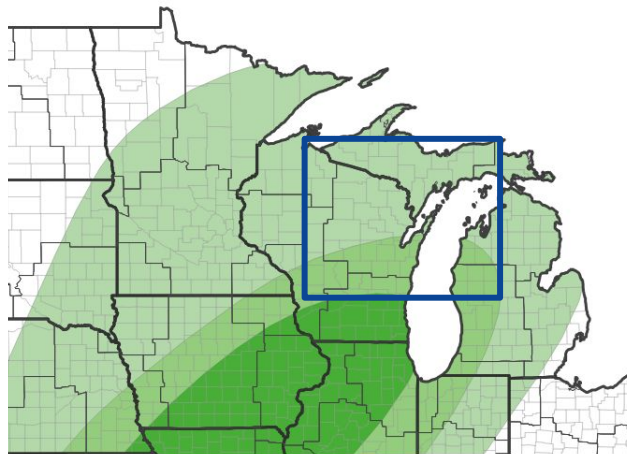


# Long-Range Outlooks

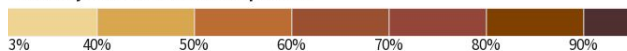
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- There are greater chances for above normal temperatures and above normal precipitation during November.

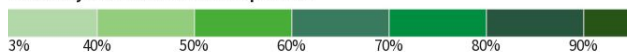
Monthly Precipitation Outlook for November 1, 2024–November 30, 2024



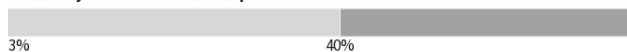
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation

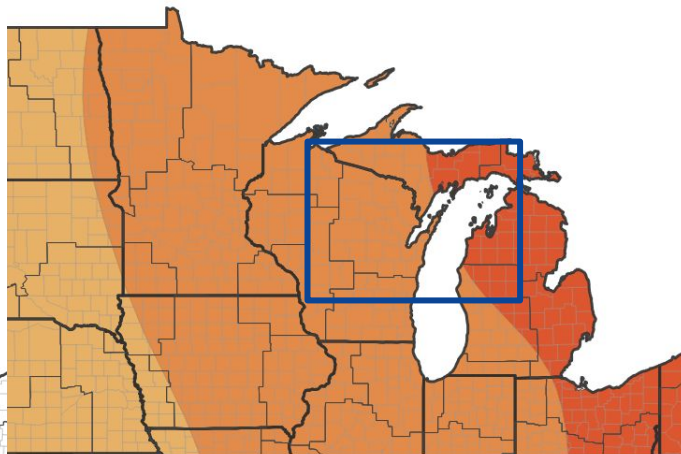


Probability of Near-Normal Precipitation



Source(s): Climate Prediction Center; image courtesy of Drought.gov

Monthly Temperature Outlook for November 1, 2024–November 30, 2024



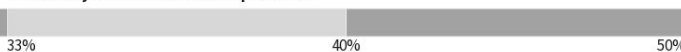
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



Last Updated: 10/31/24 Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 10/31/24



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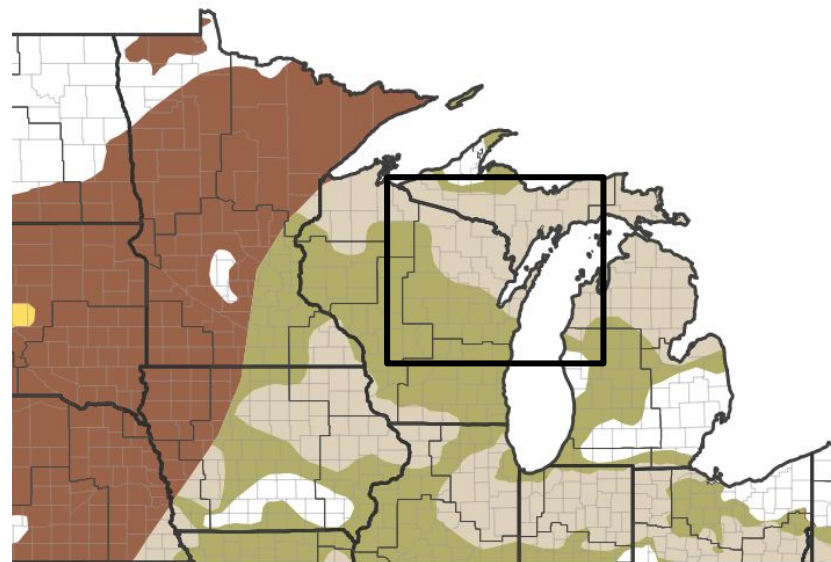


# Drought Outlook

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

- The latest trends in the models indicated above normal precipitation through the end of November, causing the drought to diminish and end across much of the area.

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



**Drought Is Predicted To...**



Source(s): Climate Prediction Center; image courtesy of Drought.gov

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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