Drought Information Statement for Central and Northeast Wisconsin

Valid November 14, 2024

Issued By: WFO Green Bay, WI

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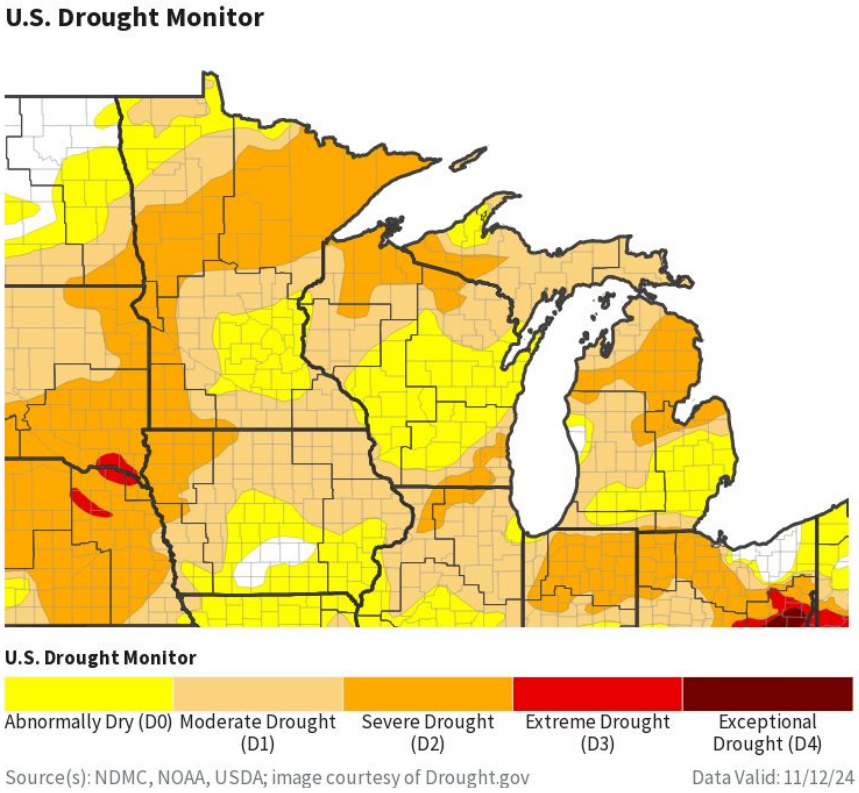
- This product will be updated around November 22, 2024 or sooner if drought conditions change significantly.
- Please see all currently available products at https://drought.gov/drought-information-statements.
- Please visit https://www.weather.gov/grb/DroughtInformationStatement for previous statements.
- 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]

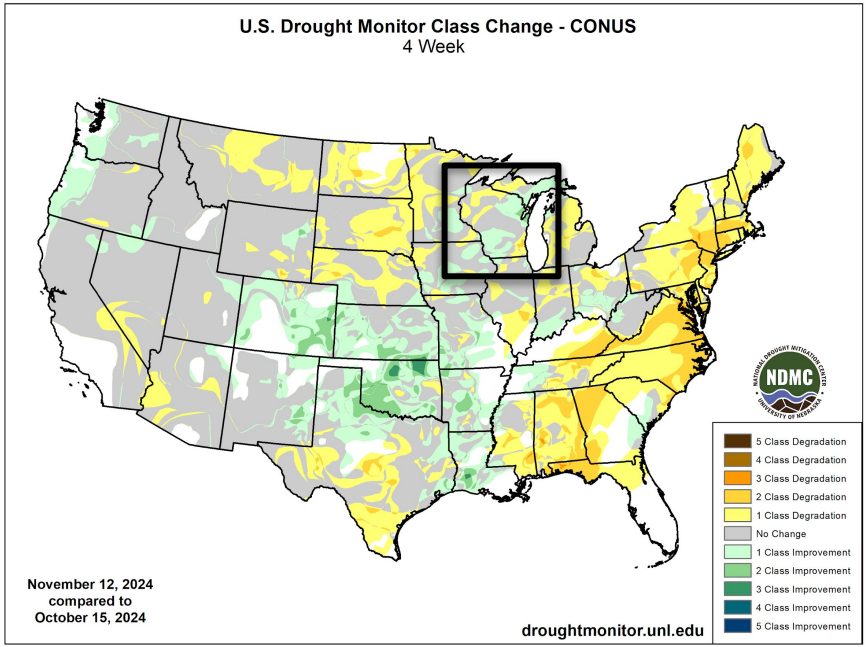
- Drought intensity and Extent
  - **D2 (Severe Drought)**: Vilas, the eastern half of Oneida and far western Forest counties.
  - **D1 (Moderate Drought)**: Florence, Forest- except far west, Langlade, Lincoln - northeast and far northwest, Marinette - northern two thirds, Menominee - all but far south, 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.



Recent Change in Drought Intensity

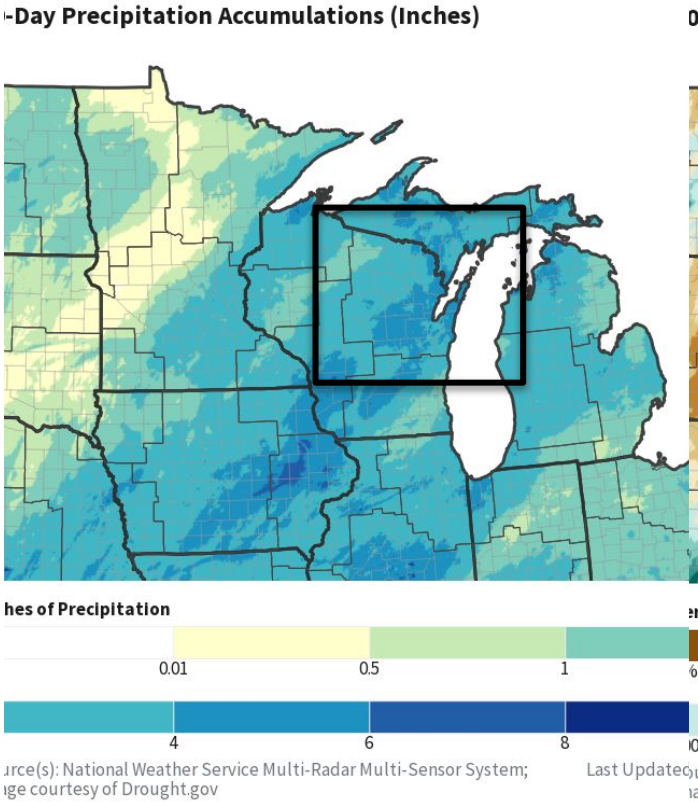
Link to the latest 4-week change map for [region]

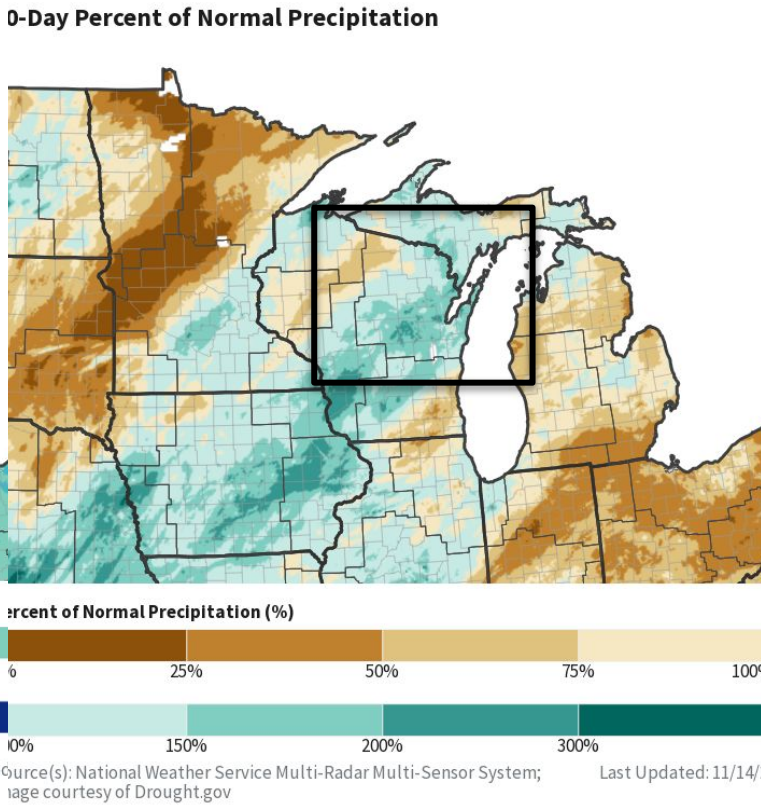
- Four Week Drought Monitor Class Change.
  - **Drought Improvement**: Over the past month, a 1 to 2 category improvement in drought conditions was seen across much of northeast Wisconsin. Rainfall amounts of 2 to 5 inches have been recorded since October 29.
  - **No Change**: Little change in drought 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.

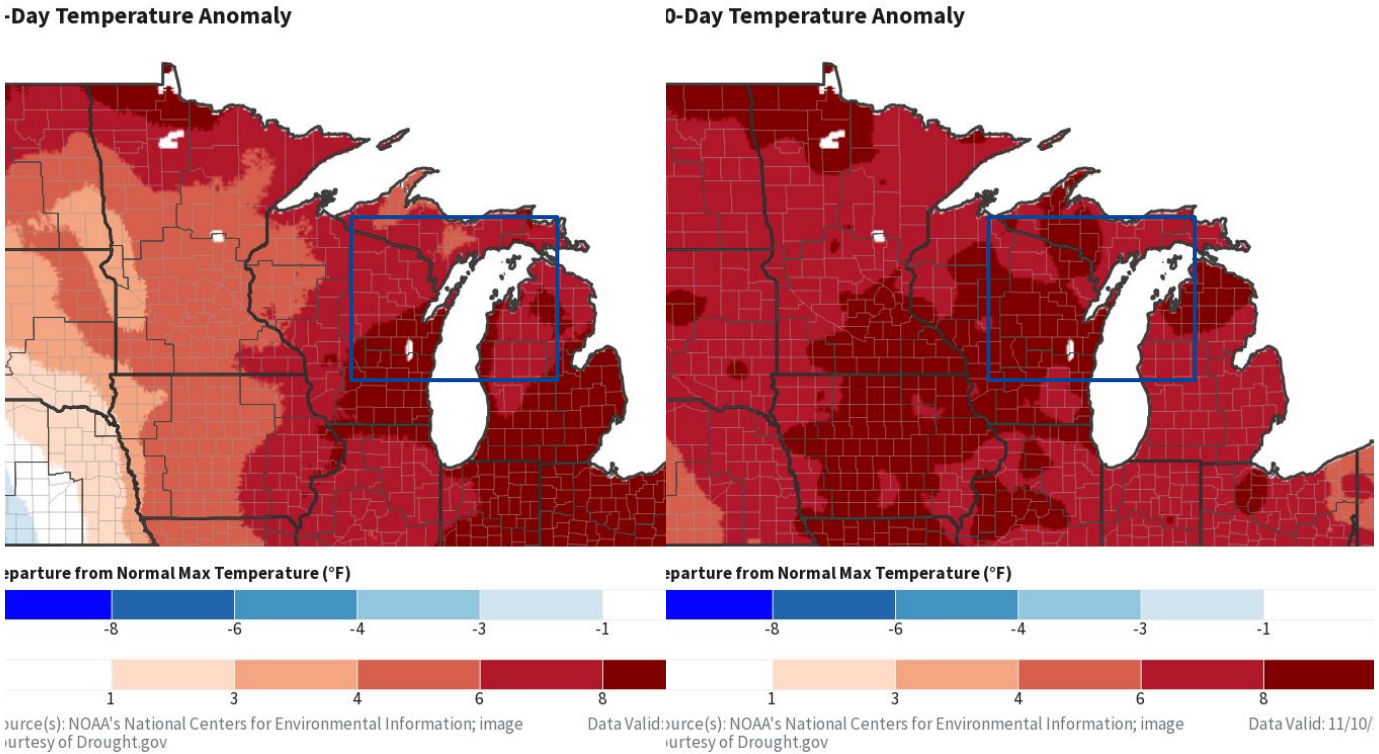




Temperature

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.



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.

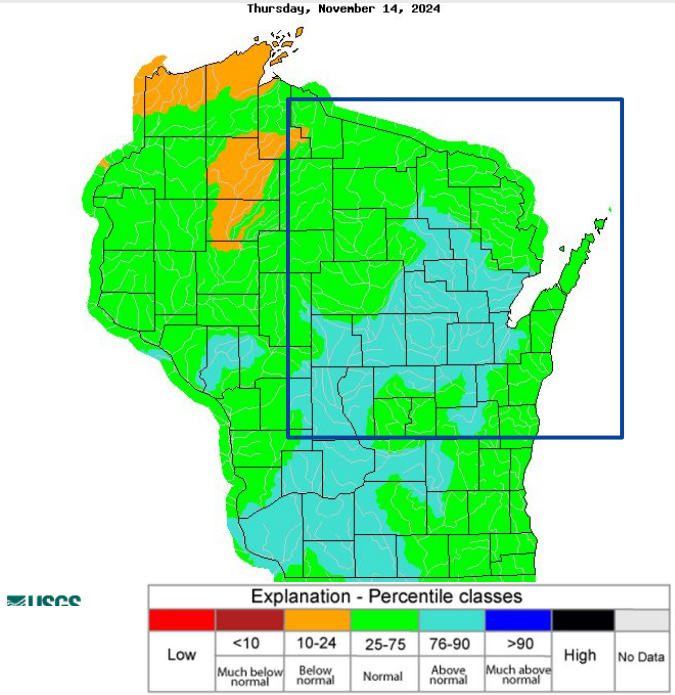
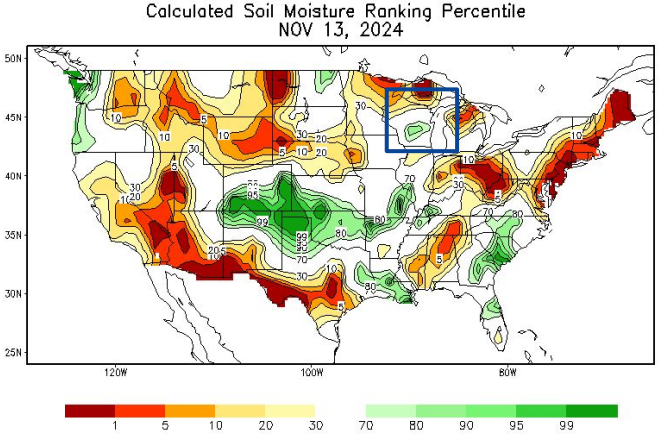
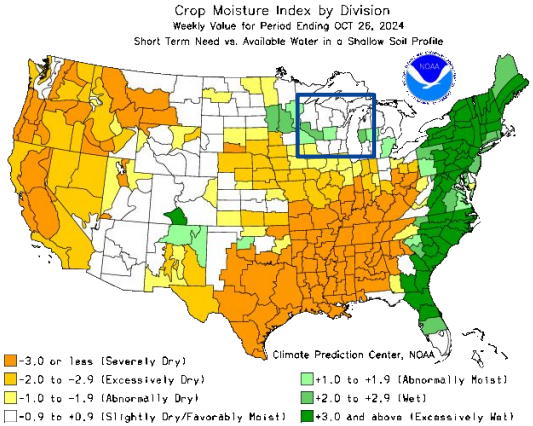


Image Caption: USGS 7 day average streamflow HUC map valid 11 07 2024

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.

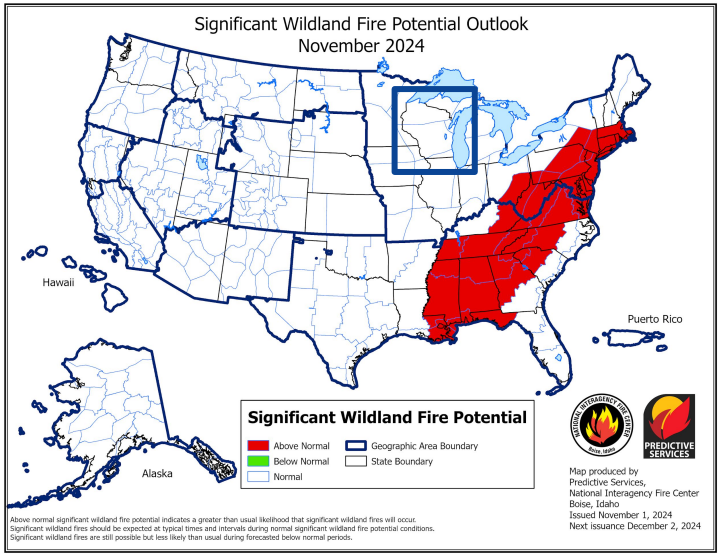




Fire Hazard Impacts

Link to Wildfire Potential Outlooks from the National Interagency Coordination Center.

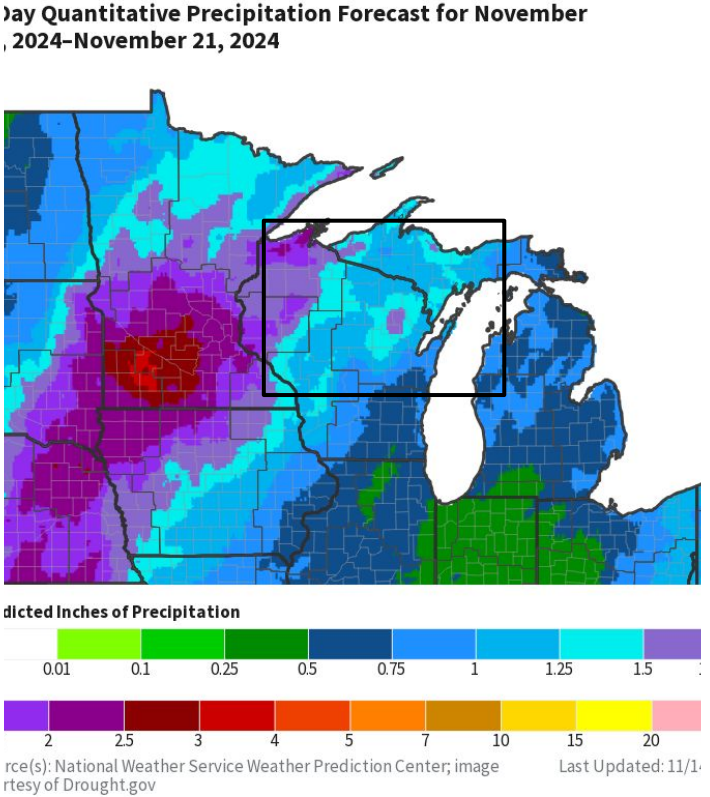
- The risk of wildland fires is low due to the recent rains and cooler temperatures.



Wisconsin Fire Danger Map

Seven Day Precipitation Forecast

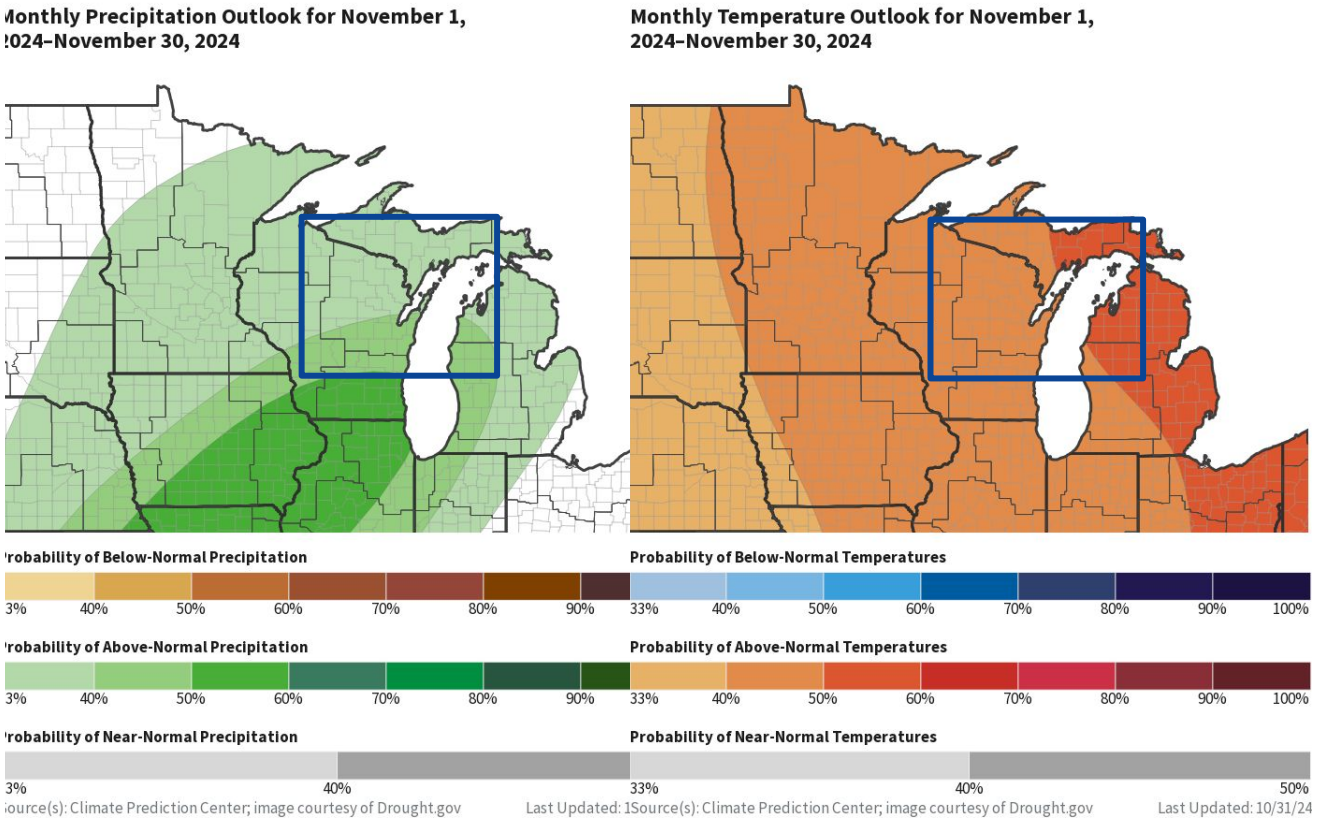
- Another potent system will bring more rain to the area around November 19, with some lingering light precipitation into November 20.



Long-Range Outlooks

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

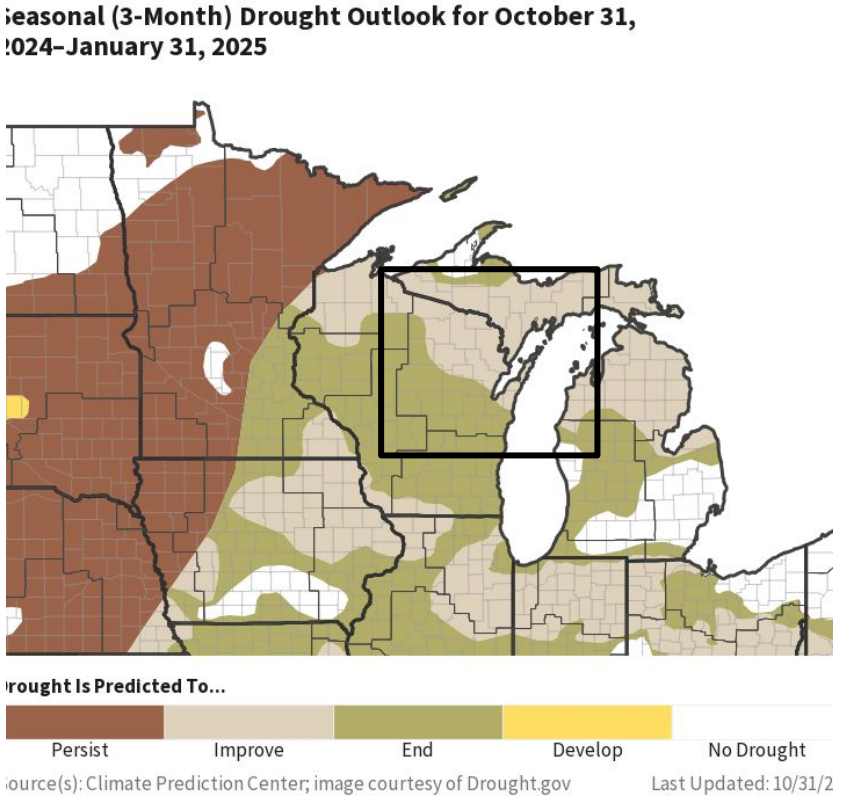
- There are greater chances for above normal temperatures and above normal precipitation during November.



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.



Links to the latest:
Climate Prediction Center Monthly Drought Outlook
Climate Prediction Center Seasonal Drought Outlook