



Drought Information Statement for Central and Northeast Wisconsin

Valid November 7, 2024

Issued By: WFO Green Bay, WI

Contact Information: nws.greenbay@noaa.gov

- This product will be updated around November 14, 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>
-
- Recent heavy soaking rains have brought improvement in drought conditions across northeast Wisconsin. Only Vilas, eastern half of Oneida and far western Forest counties remain in Severe Drought (D2).



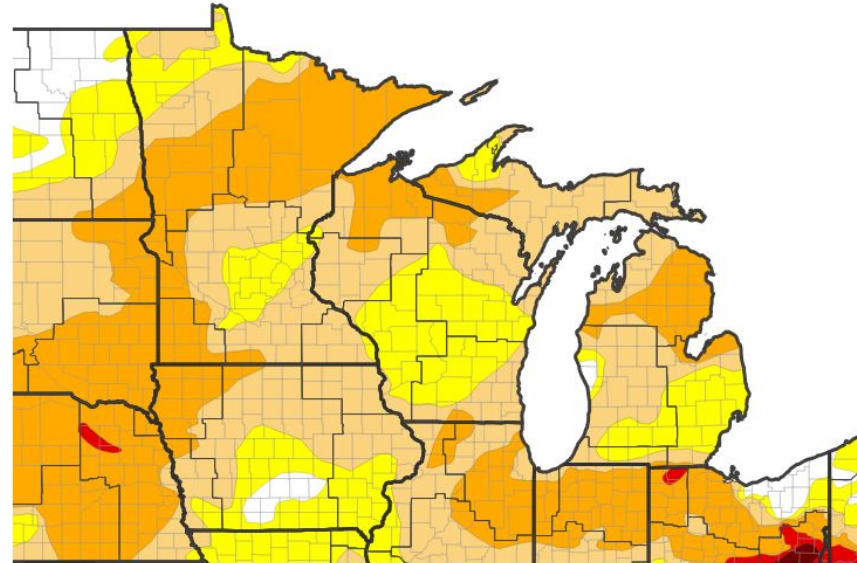


U.S. Drought Monitor

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)**: North of a Tomahawk to Green Bay to Two Creeks line, except for Vilas, the eastern half of Oneida and far western Forest counties.
 - **D0 (Abnormally Dry)**: South of a Tomahawk to Green Bay to Two Creeks line.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/05/24

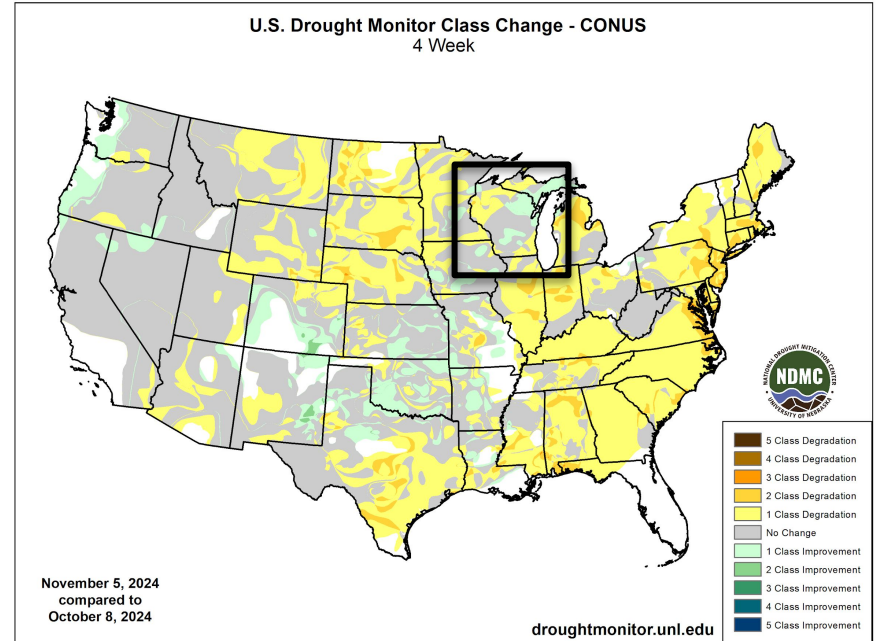




Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
 - **Drought Improvement:** Most of the area saw a one category improvement over the past due to a recent heavy soaking rain. Portions of central and northeast Wisconsin saw 1 to 3 inches of rain, with locally higher amounts.
 - **No Change:** Vilas County saw some rain during the past week, but not enough to make a change in the current drought conditions.

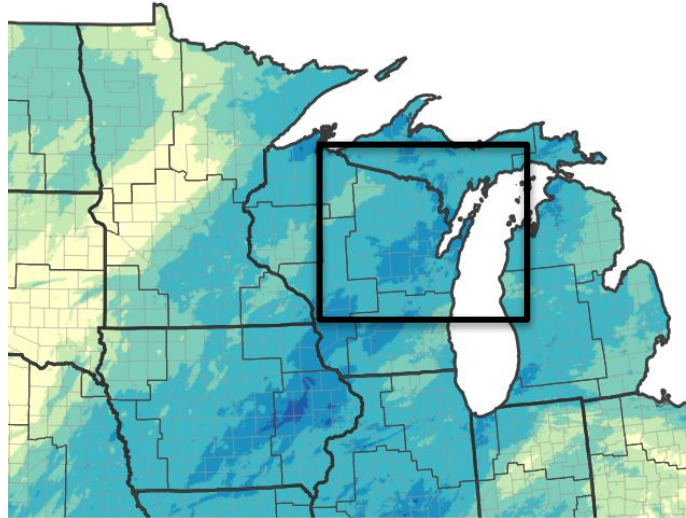




Precipitation

- 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 200% of normal.

7-Day Precipitation Accumulations (Inches)

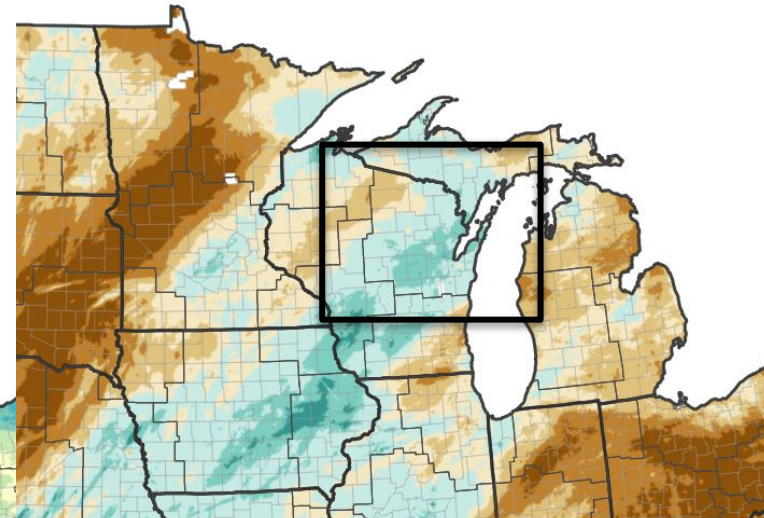


Inches of Precipitation

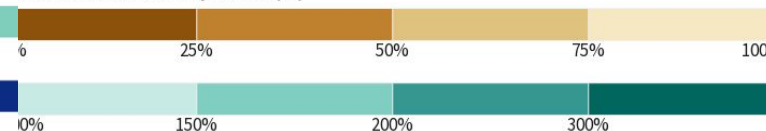


Source(s): National Weather Service Multi-Radar Multi-Sensor System; Image courtesy of Drought.gov

7-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



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

Last Updated: 11/07/2012



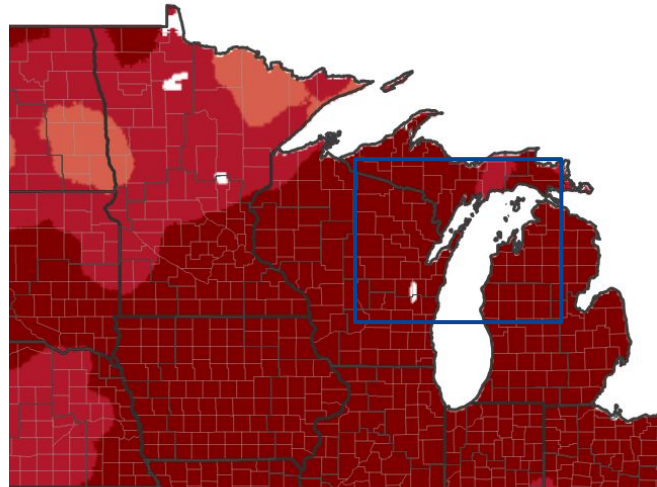


Temperature

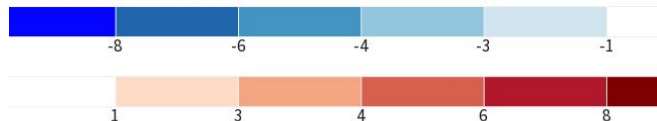
The 7 day (left image) and the 30 day temperature (right image) continued to show temperatures running 6F to 9F above normal.

Temperatures are expected to remain above normal this week, and in the 8-14 day period from Nov 15-21.

-Day Temperature Anomaly

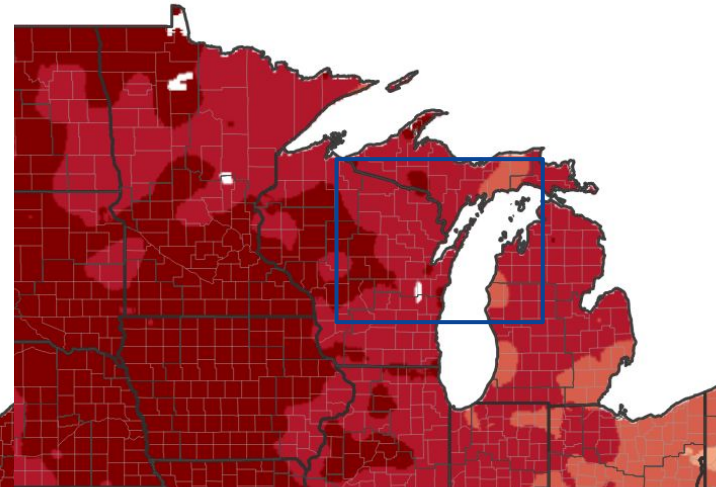


Departure from Normal Max Temperature (°F)



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: 11/03/





Summary of Impacts

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

Hydrologic Impacts

- Rivers across the rest of the area have risen from previous lows in October due to two steady rainfall events in the past week.

Agricultural Impacts

- There should be minimal impacts to agricultural interest since the main growing season has ended. yields.

Fire Hazard Impacts

- Recent heavy rain 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 week due to the recent heavy soaking rains.

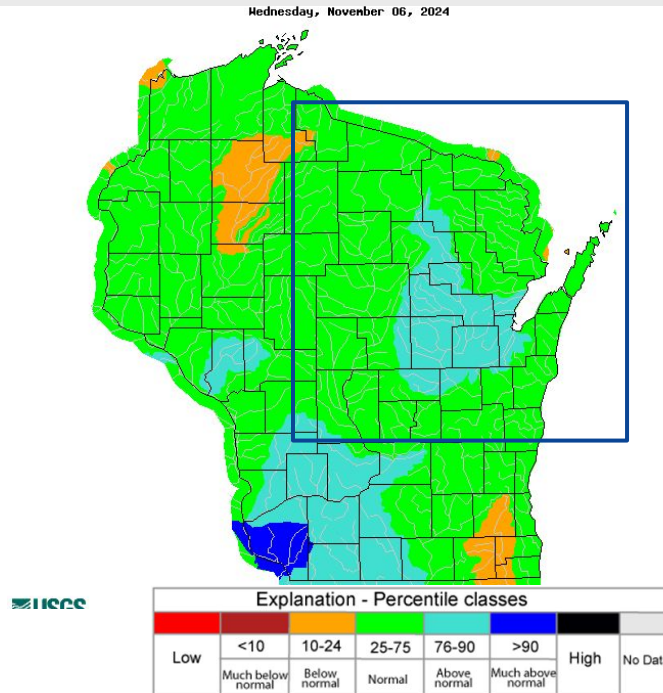


Image Caption: USGS 7 day average streamflow HUC map valid 10 31 2024

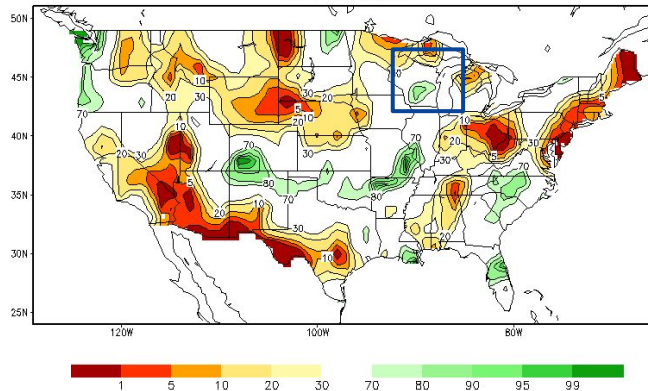




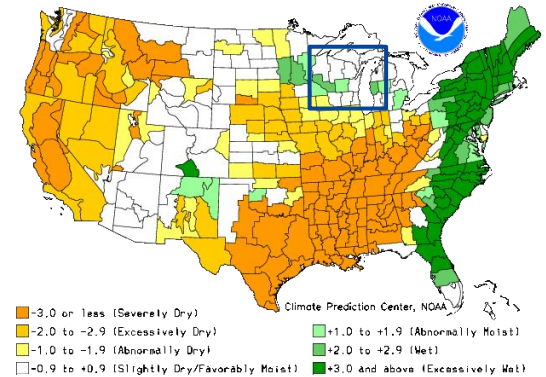
Agricultural Impacts

- Soil moisture conditions have improved across the area during the past week. Rainfall totals over the past week were in the 1 to 3 inch range across central into northeast WI. Since October 29th, portions of the area has seen 3 to 5 inches of rain.

Calculated Soil Moisture Ranking Percentile
NOV 06, 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

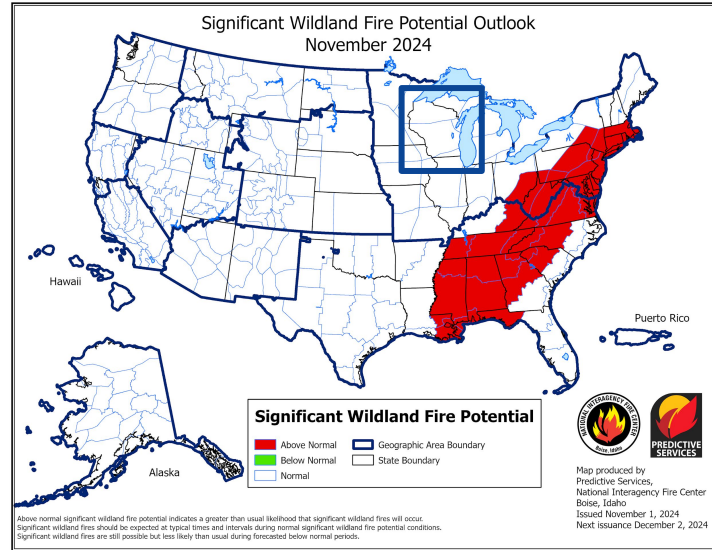




Fire Hazard Impacts

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](#)

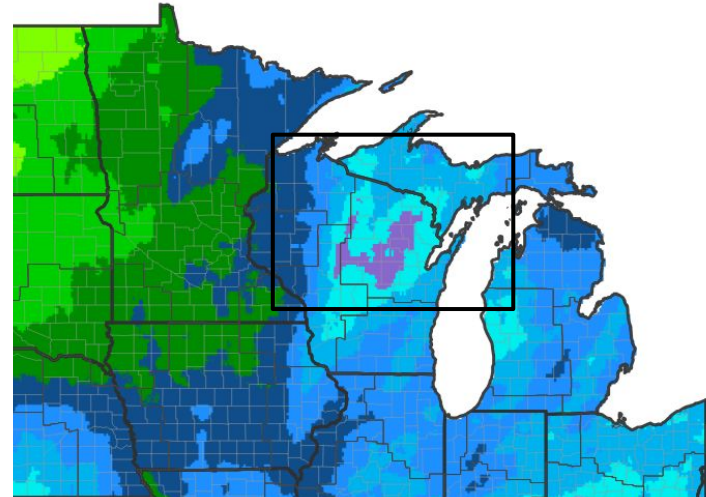




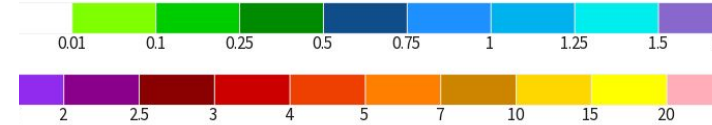
Seven Day Precipitation Forecast

- There are two systems that are expected to bring additional rainfall to the area (Nov 9-10) and again Nov 13-14) that will likely help improve the drought conditions.

7 Day Quantitative Precipitation Forecast for November 2024–November 14, 2024



dicted Inches of Precipitation



rice(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 11/0

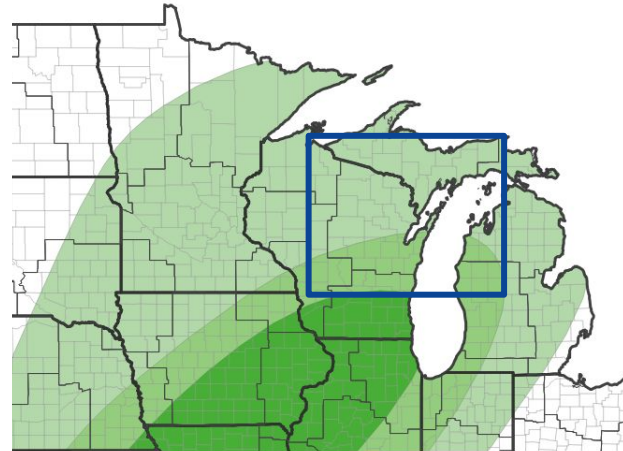


Long-Range Outlooks

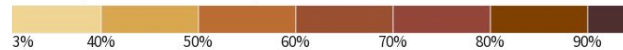
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

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

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



Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation

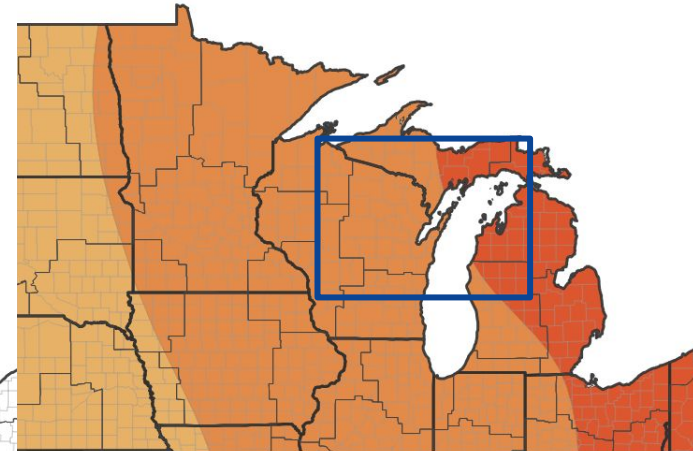


Probability of Near-Normal Precipitation



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

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



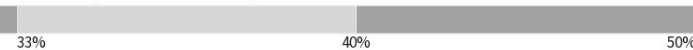
Probability of Below-Normal Temperatures



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



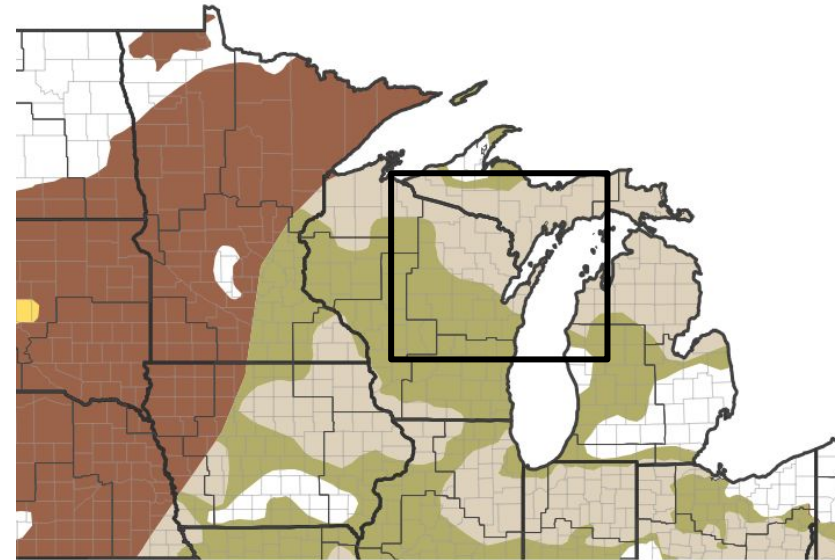


Drought Outlook

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.

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](#)

