



Drought Information Statement for Central and Northeast Wisconsin

Valid October 14, 2024

Issued By: WFO Green Bay, WI

Contact Information: nws.greenbay@noaa.gov

- This product will be updated October 26, 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>
-
- Severe (D2) to Moderate (D1) drought continues across north-central and northeast Wisconsin.

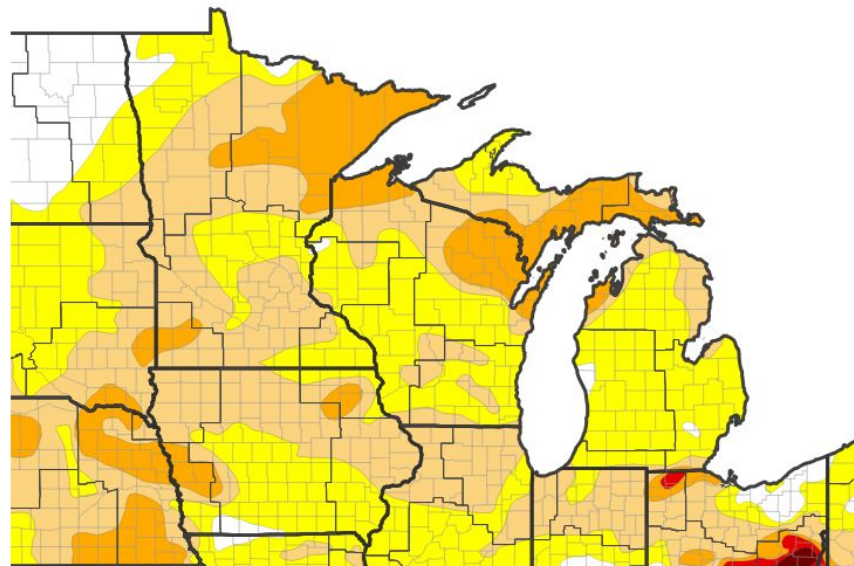


U.S. Drought Monitor

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

- Drought intensity and Extent
 - **D2 (Severe Drought)**: Brown (northeast), Door, Florence, Forest, Kewaunee, Langlade (northeast half), Lincoln (far east), Marinette, Menominee, Oconto (northern half), Oneida (eastern half) and Vilas (far southeast) counties.
 - **D1 (Moderate Drought)**: North-central and northeast Wisconsin outside the Severe Drought (D2) north of a line from Merrill to Shawano to Green Bay to Manitowoc.
 - **D0: (Abnormally Dry)**: South of a line from Merrill to Shawano to Green Bay to Manitowoc.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 10/08/24



National Oceanic and
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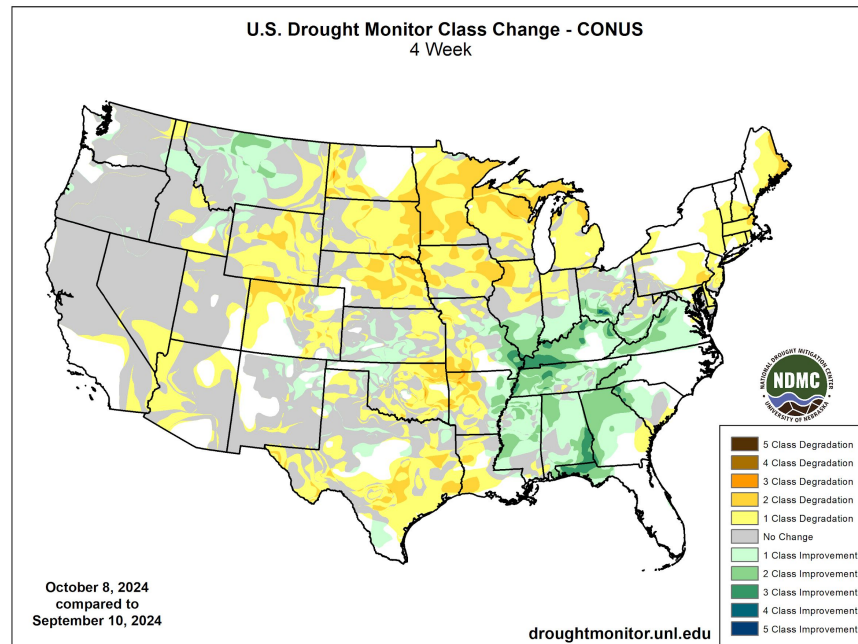
National Weather Service
Green Bay



Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
 - **Drought Worsened:** Drought worsened across north-central and northeast Wisconsin over the last several weeks. The worse conditions were noted near the Michigan border. A few locations in Vilas, Oconto and northern Door counties only reported 20 to 40 percent of normal rainfall in September. Heavy rain was noted on October 13th across portions of northeast Wisconsin.
 - **No Change:** Drought conditions continued to worsen through October 12th. Some improvement is expected next week from far eastern Marinette County into central Door County.

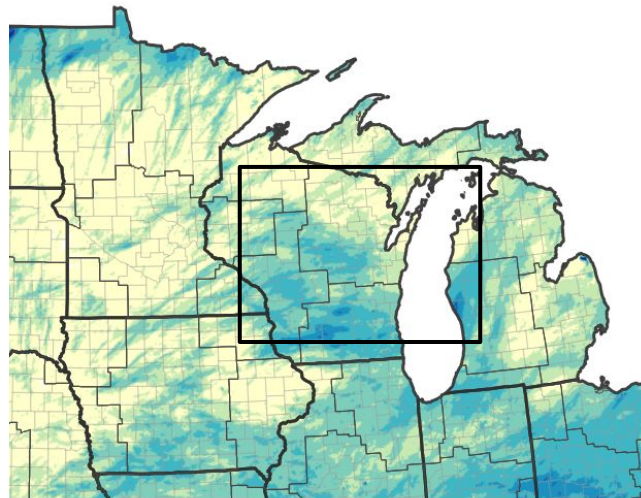




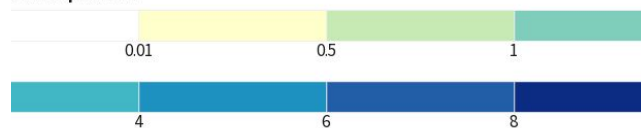
Precipitation

- Heavy rain was noted in July and August across portions of central and east-central WI.
- Locations north of Green Bay missed out on the heavy rains of August. In September, the precip total for the month was under an inch at many spots across the north with totals of 1-3 inches over the remainder of the area, highest totals in central WI. The first ten days of October continued the dry trend.

July Precipitation Accumulations (Inches)

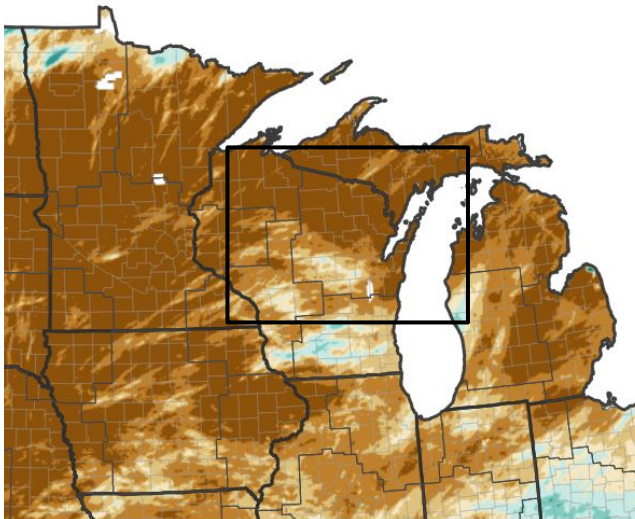


July Precipitation

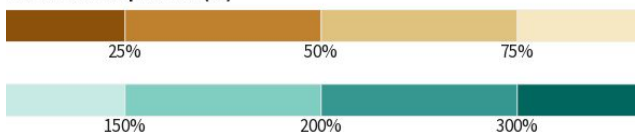


July Precipitation: National Weather Service Multi-Radar Multi-Sensor System; courtesy of Drought.gov Last Updated: 10/10/2023

Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Percent of Normal Precipitation: National Weather Service Multi-Radar Multi-Sensor System; courtesy of Drought.gov Last Updated: 10/10/2023



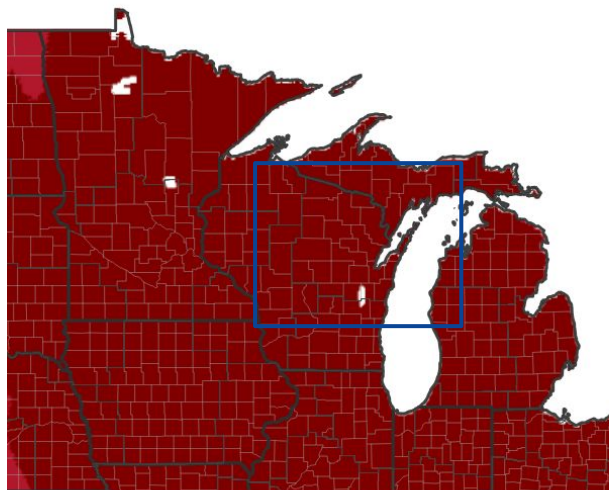


Temperature

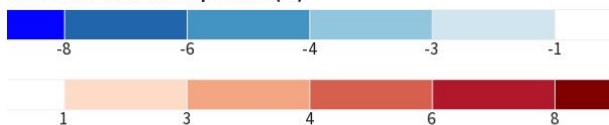
The 7 day (left image) and the 30 day temperature (right image) continued to show temperatures running 6F to 9F above normal.

There will be a brief cool stretch from October 13-15th before temperatures turn well above normal again into the weekend of Oct 19-20th.

Temperature Anomaly



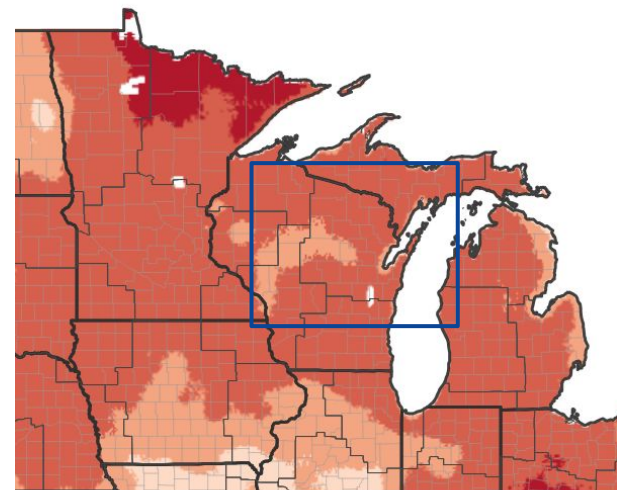
Temperature Anomaly



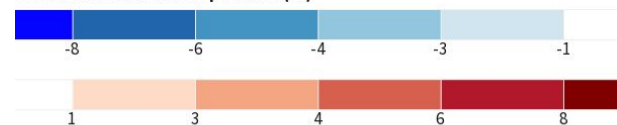
Source: NOAA's National Centers for Environmental Information; image of Drought.gov

Data Valid:

Temperature Anomaly



Temperature Anomaly



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

Data Valid:



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Summary of Impacts

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

Hydrologic Impacts

- The rivers across north-central and far northeast WI are running well below normal through October 12th.

Agricultural Impacts

- There should be minimal impacts to agricultural interest since the main growing season is coming to an end. If the drought continues, it could impact the winter wheat yields.

Fire Hazard Impacts

- Increased risk of fires on windy, mild days with low humidity. This will be especially true once there is a hard freeze and leaves fall off the trees.

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 later this fall, please check the Wisconsin DNR website for any bans on burning.
<https://apps.dnr.wi.gov/wisburn/#/>





Hydrologic Conditions and Impacts

- Rivers across north-central and far northeast running are running well below normal through October 12th.
- Little improvement is expected over north-central and central Wisconsin, although the Menominee River may see rises after a heavy rain event on October 13th.

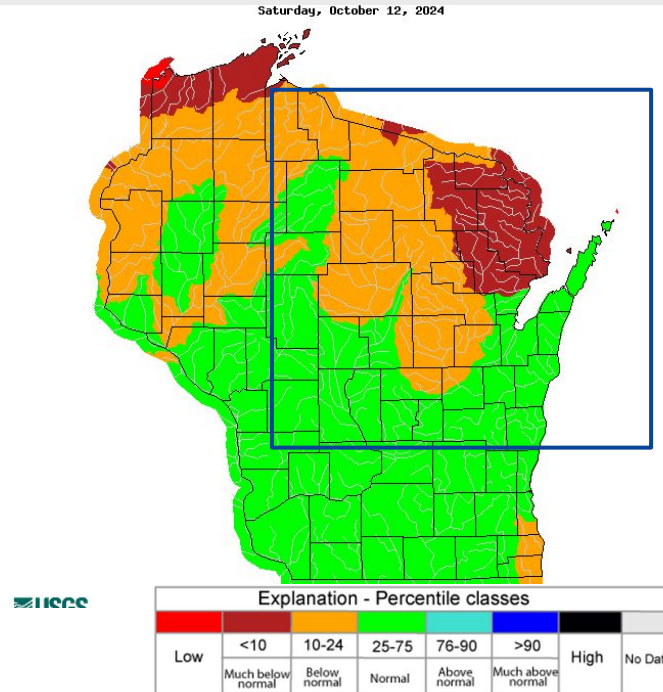
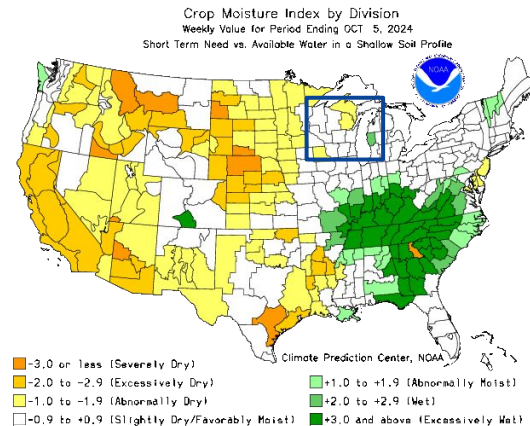
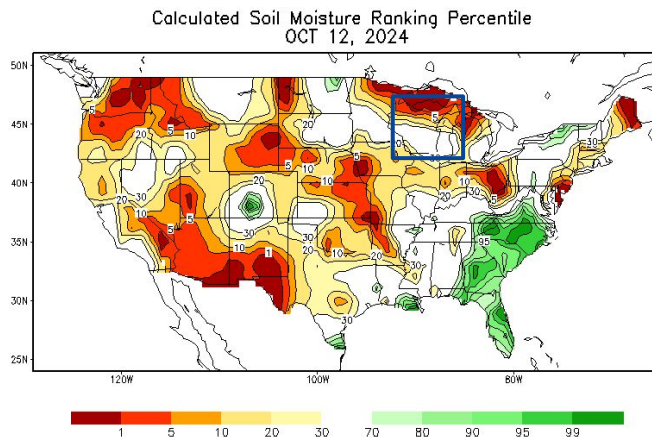


Image Caption: USGS 7 day average streamflow HUC map valid 10/12/2024



Agricultural Impacts

- Well below normal rainfall in August and September has led to significant deficits in soil moisture across northern Wisconsin, generally north of Highway 29. Yields from the corn and soybean crop may be reduced slightly due to the recent dry spell.

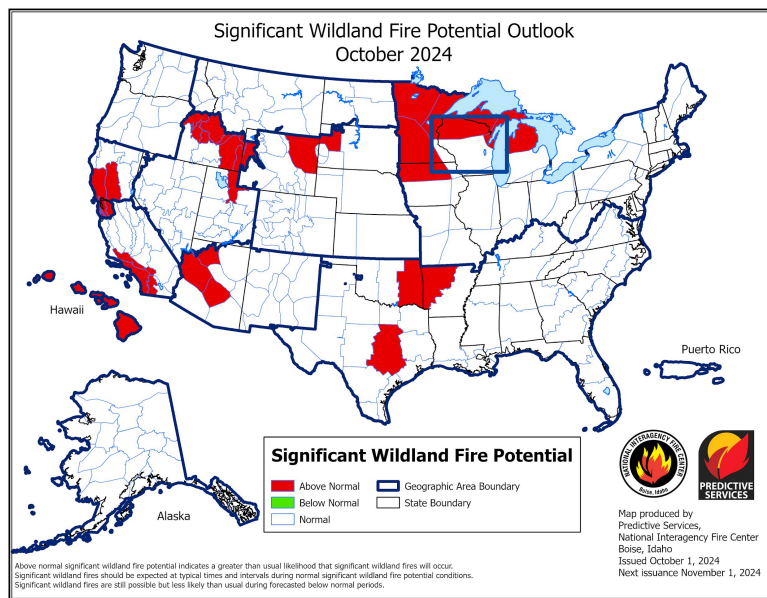




Fire Hazard Impacts

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

- There is an increased risk of wildfires across north-central and far northeast Wisconsin, especially days where it is unseasonably mild, windy and low afternoon relative humidity during the latter half of October.



Wisconsin Fire Danger Map



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

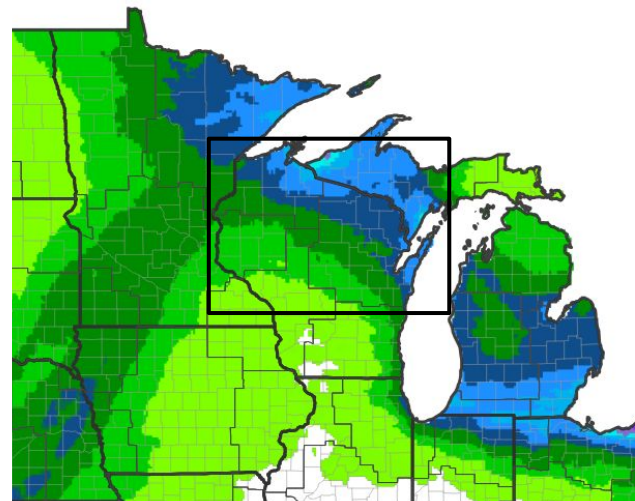
National Weather Service
Green Bay



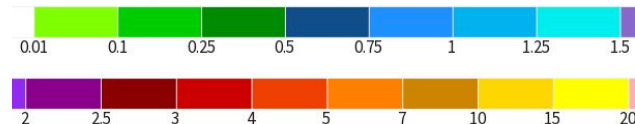
Seven Day Precipitation Forecast

- Most of the rainfall on this graphic fell on October 13-14th. Dry weather is expected into the weekend of Oct 19-20th.

Quantitative Precipitation Forecast for October 12, October 19, 2024



ed Inches of Precipitation



s): National Weather Service Weather Prediction Center; image
y of Drought.gov

Last Updated: .



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Rapid Onset Drought Outlook

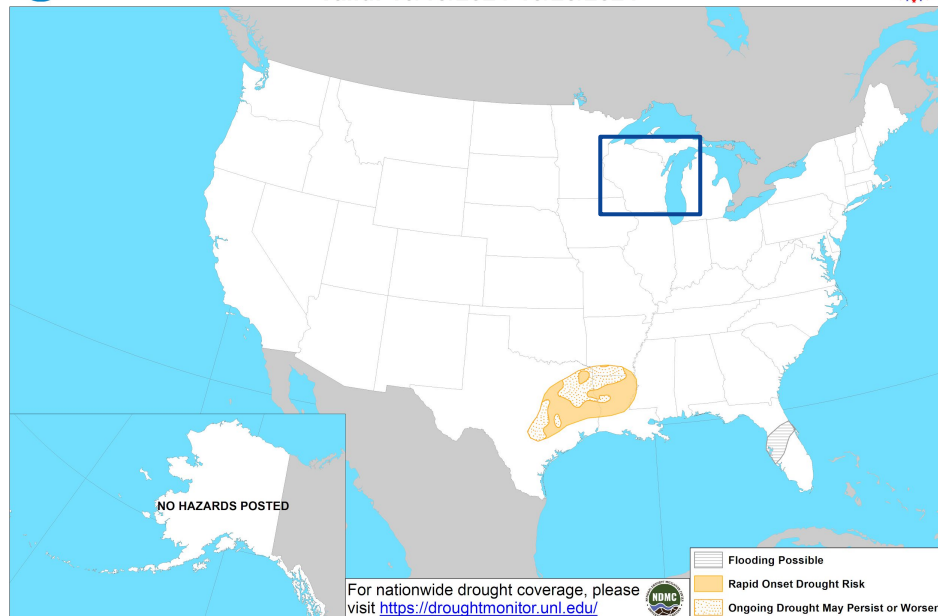
Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- Looking out for the next two week suggest conditions will not improve, but drought is more likely to worsen across portions of central and north-central Wisconsin.



Day 8-14 U.S. Hazards Outlook

Valid: 10/19/2024-10/25/2024



Climate Prediction Center

Made: 10/11/2024 3PM EDT

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