



# Drought Information Statement for Central and Northeast Wisconsin

Valid December 12, 2024

Issued By: WFO Green Bay, WI

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

- This product will be updated around January 4, 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/grb/DroughtInformationStatement> for previous statements.
- Please visit <https://www.drought.gov/drought-status-updates/drought-status-update-midwest-2024-04-25>

Severe Drought (D2) has ended across far northern Wisconsin.



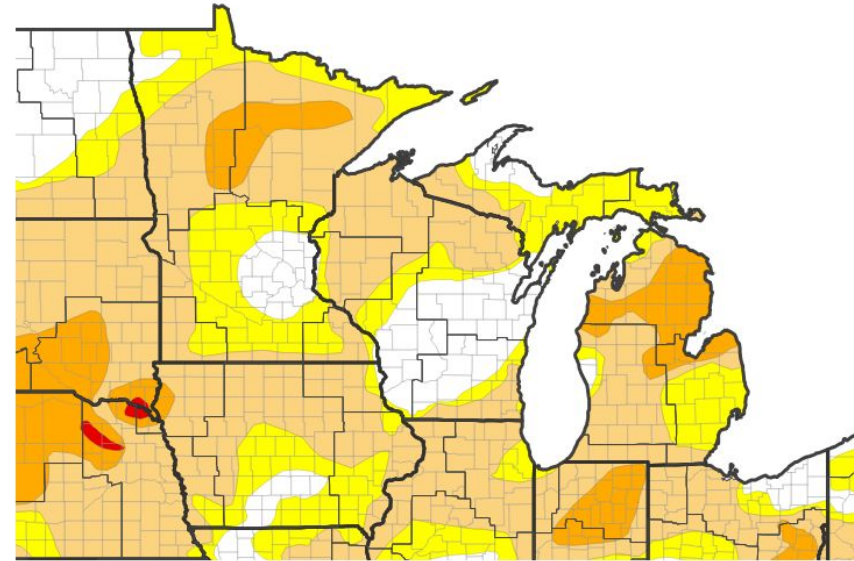


# U.S. Drought Monitor

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

- Drought intensity and Extent
  - **D2 (Severe Drought)**: None
  - **D1 (Moderate Drought)**: Along and north of a line from Merrill to Antigo to Wausau.
  - **D0 (Abnormally Dry)**: A small area south of the Moderate Drought (D1) area, but generally north a Wausau to Wausau line.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 12/10/24

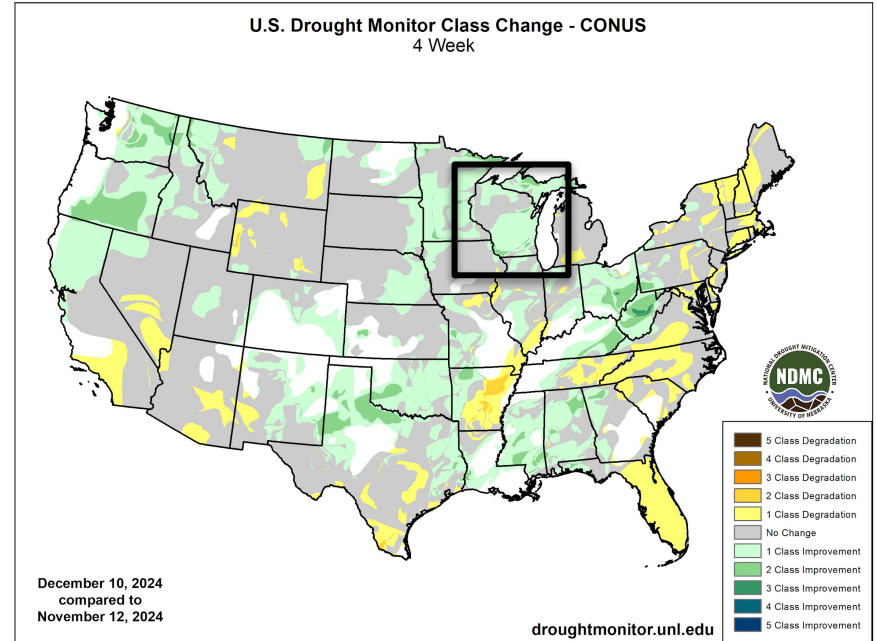




# Recent Change in Drought Intensity

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

- Four Week Drought Monitor Class Change.
  - **Drought Improvement:** A one category change in the drought class has been noted across much of the area, except over portions of the north.
  - **No Change:** A few spots across the north have seen little change in the drought monitor class change.
  - **Worsening:** None.

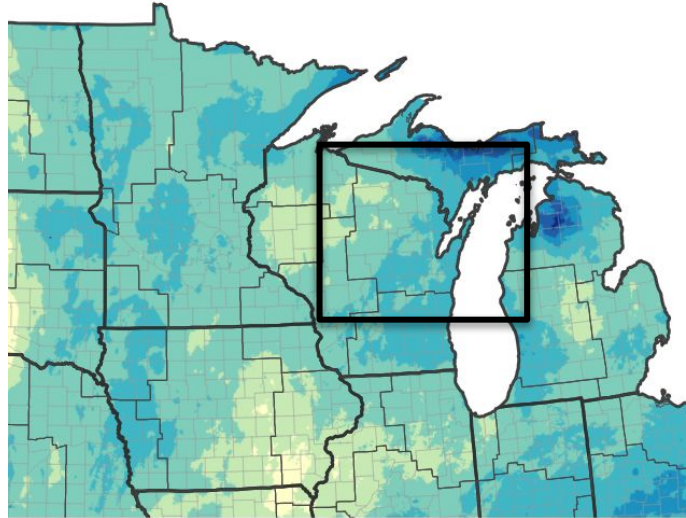




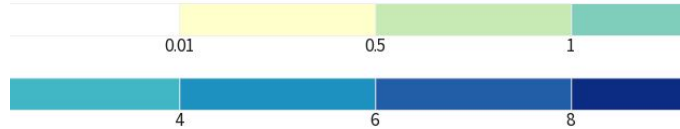
# Precipitation

- Portions of Vilas and Oneida counties have only seen 60 to 100% of normal precipitation over the past several weeks. Precipitation is running 150 to 300% of normal across portions of central into northeast WI.

7-Day Precipitation Accumulations (Inches)

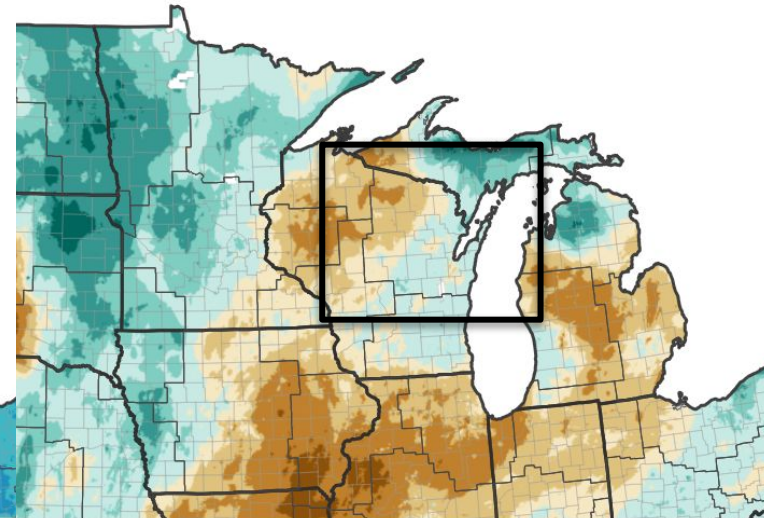


Inches of Precipitation

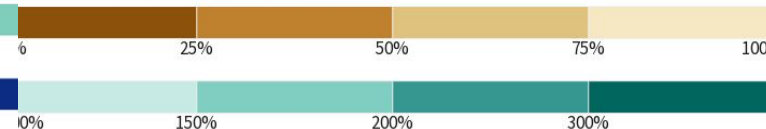


Source(s): National Weather Service Multi-Radar Multi-Sensor System; Image courtesy of Drought.gov

70-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: 12/12/2012





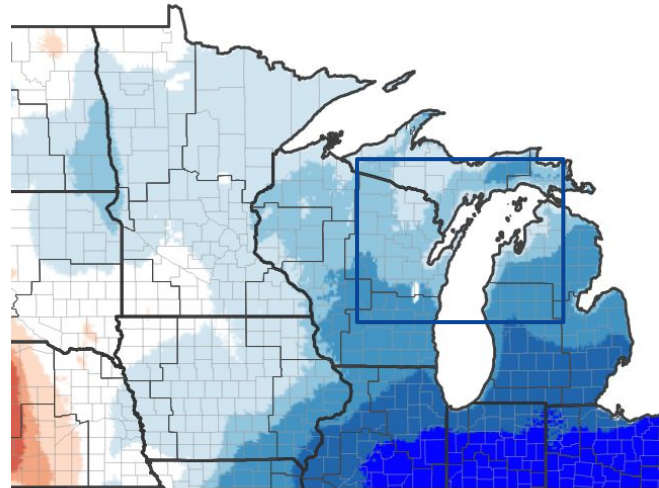


# Temperature

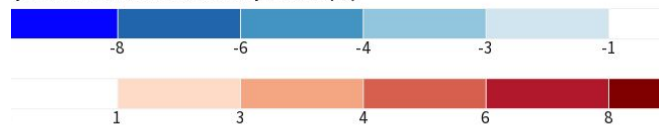
The 7 day (left image) and the 30 day temperature (right image). After a very warm fall, temperatures over the past week have been running 1 to 4 degrees below normal. The 30 day temperature trend is still being influenced by the every mild November.

Temperatures are expected to be above normal this weekend into early next week, with another cool down on Dec 18-19.

-Day Temperature Anomaly

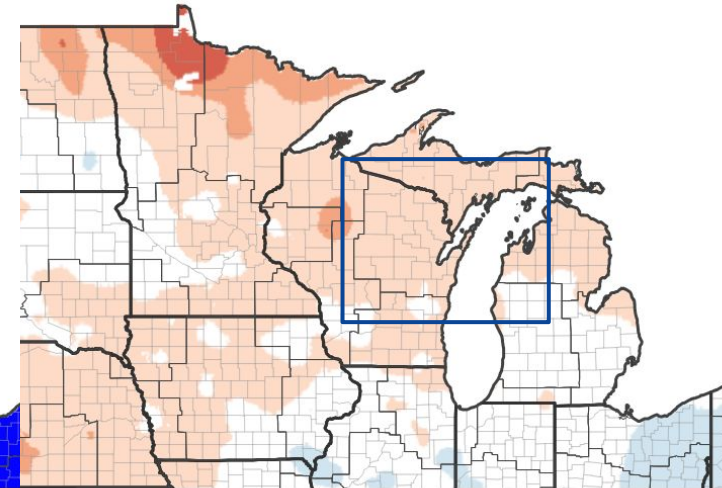


Departure from Normal Max Temperature (°F)

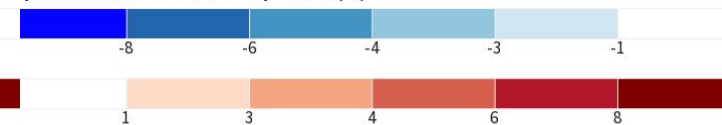


Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

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: 12/08/





# 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 and some snowfall events since late October.

## Agricultural Impacts

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

## Fire Hazard Impacts

- Recent rainfall and cooler weather has ended the risk of wildfires.

## Other Impacts

- There are no known impacts at this time.

## Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information.





# Hydrologic Conditions and Impacts

- River levels are on the rise over the past month and a half due to recent rain and snow.

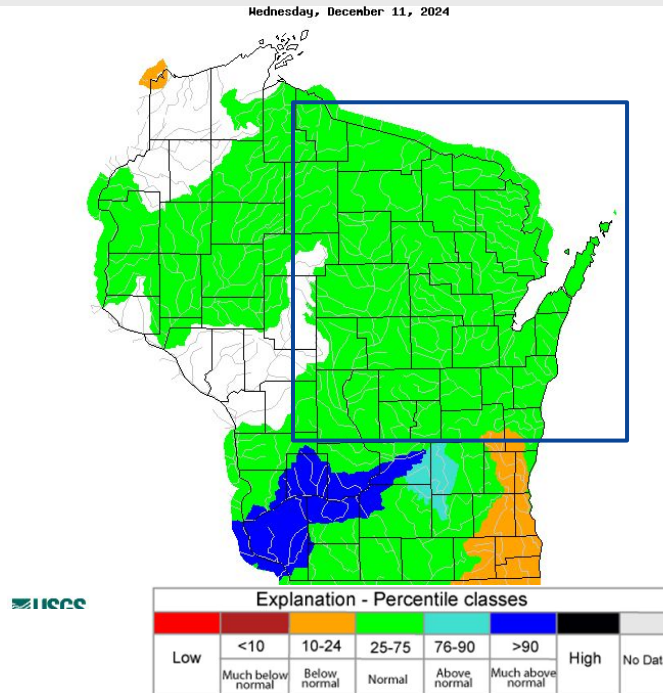


Image Caption: USGS 7 day average streamflow HUC map valid 12 11 2024

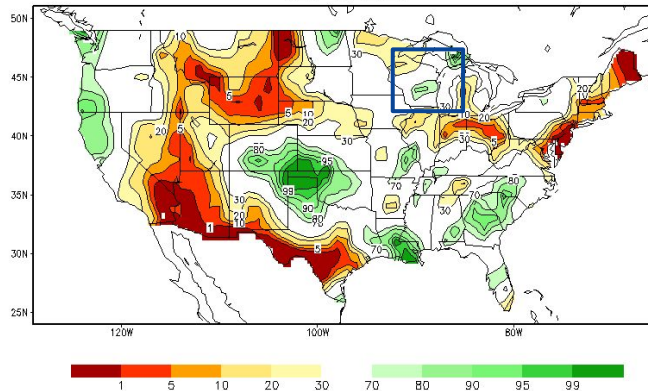




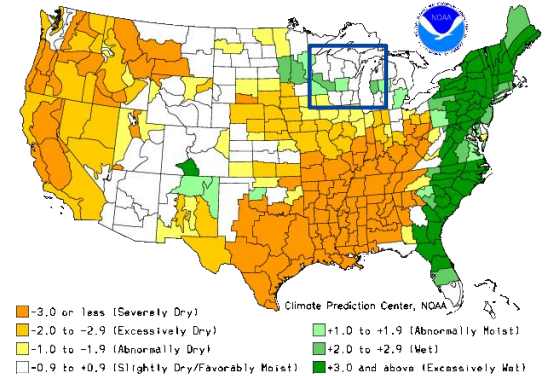
# Agricultural Impacts

- Soil moisture conditions are showing wetter than normal conditions across central and east-central WI. Drier than normal conditions continue across far north-central Wisconsin.

Calculated Soil Moisture Ranking Percentile  
DEC 11, 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



Climate Prediction Center, NOAA

- 3.0 or less (Severely Dry)
- 2.0 to -2.9 (Excessively Dry)
- 1.0 to -1.9 (Abnormally Dry)
- 0.9 to +0.9 (Slightly Dry/Favorably Moist)
- +1.0 to +1.9 (Abnormally Moist)
- +2.0 to +2.9 (Wet)
- +3.0 and above (Excessively Wet)



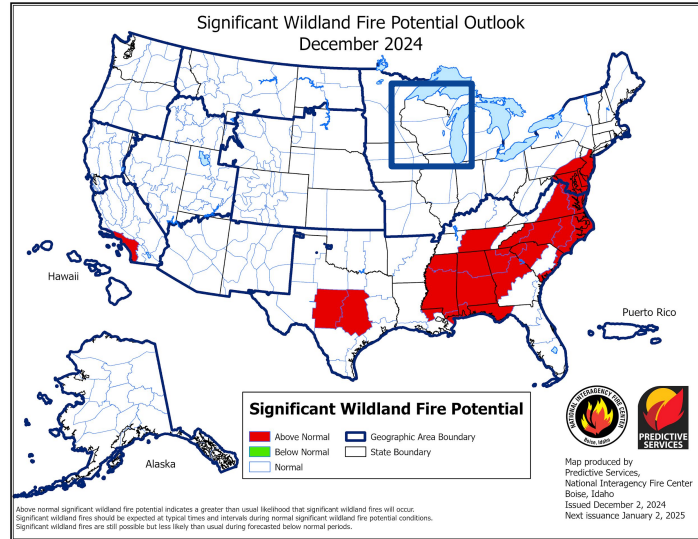




# Fire Hazard Impacts

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

- The risk of wildland fires is low due to the recent precipitation events since late October.
- Long term drought continues across the north, but recent rain and snow has reduced the risk of wildfires in December.



## [Wisconsin Fire Danger Map](#)

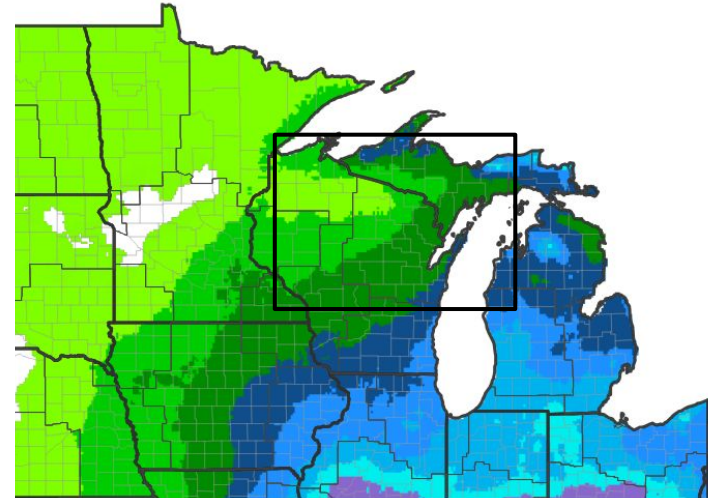




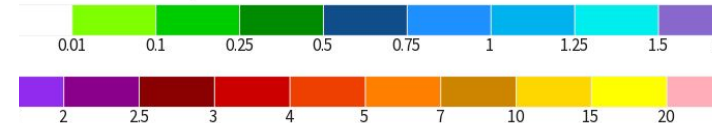
# Seven Day Precipitation Forecast

- Precipitation amounts over the next week are expected to be on the lighter side, with most places expected to receive under a quarter of an inch of precipitation (rain and melted snow).

7 Day Quantitative Precipitation Forecast for December 19, 2024 - December 25, 2024



Forecasted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 12/19/24



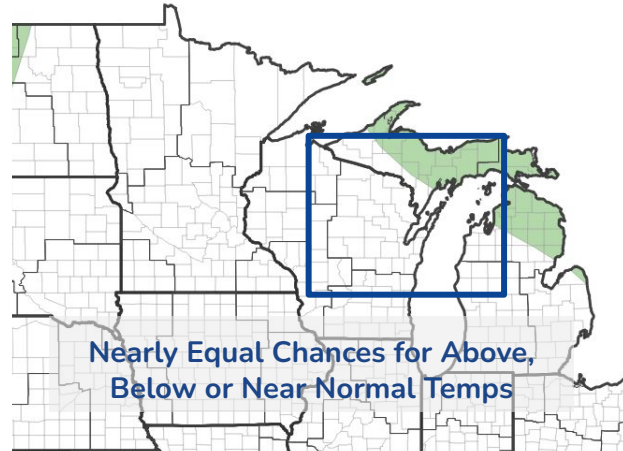


# Long-Range Outlooks

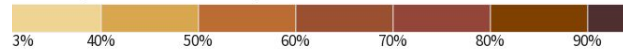
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- There are nearly equal chances for above, near or below normal temperatures and precipitation during December.

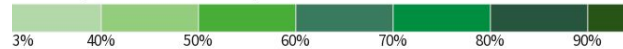
Monthly Precipitation Outlook for December 1, 2024–December 31, 2024



Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation

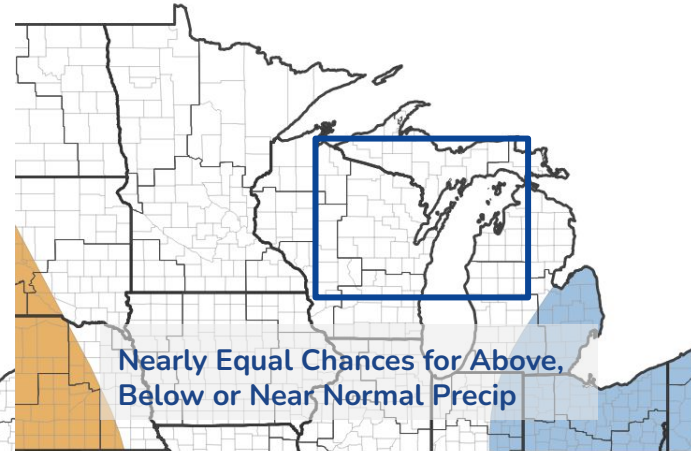


Probability of Near-Normal Precipitation



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

Monthly Temperature Outlook for December 1, 2024–December 31, 2024



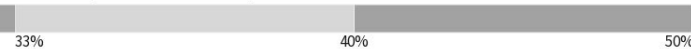
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



Last Updated: 11/30/24 Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 11/30/24



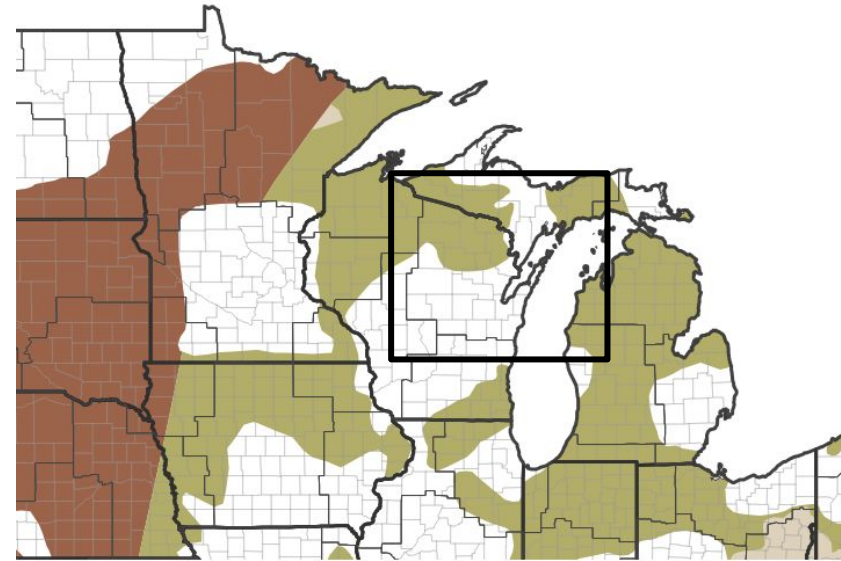


# Drought Outlook

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

- The latest trends in the models appear that drought conditions should improve across northern Wisconsin over the next few months.

## Seasonal (3-Month) Drought Outlook for November 30, 2024–February 28, 2025



Drought Is Predicted To...



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

Last Updated: 11/30/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

