



Drought Information Statement for Northeast IA, Southeast MN, & Western, WI

Valid November 5, 2024

Issued By: WFO La Crosse, WI

Contact Information: w-arx.webmaster@noaa.gov

- This product will be updated Thursday, November 14, 2024.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/ARX/DroughtInformationStatement> for previous statements.
- Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.

- **Rains Improve the Drought Situation**



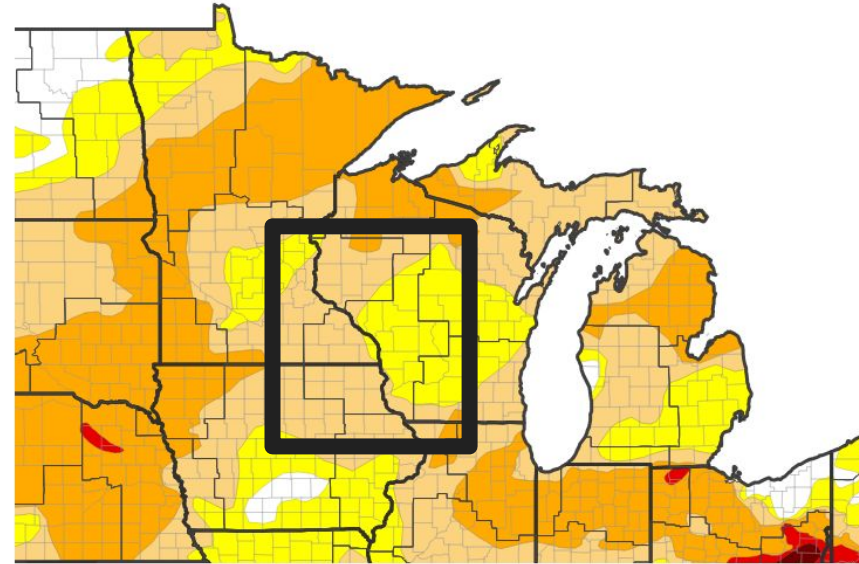


U.S. Drought Monitor

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

- Drought intensity and Extent
 - **D0 (Abnormally Dry)** conditions exist across much of southwest and central Wisconsin.
 - **D1 (Moderate Drought)** conditions exist across northeast Iowa, southeast Minnesota, and in southern Grant County and northern Taylor County in western Wisconsin.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/05/24



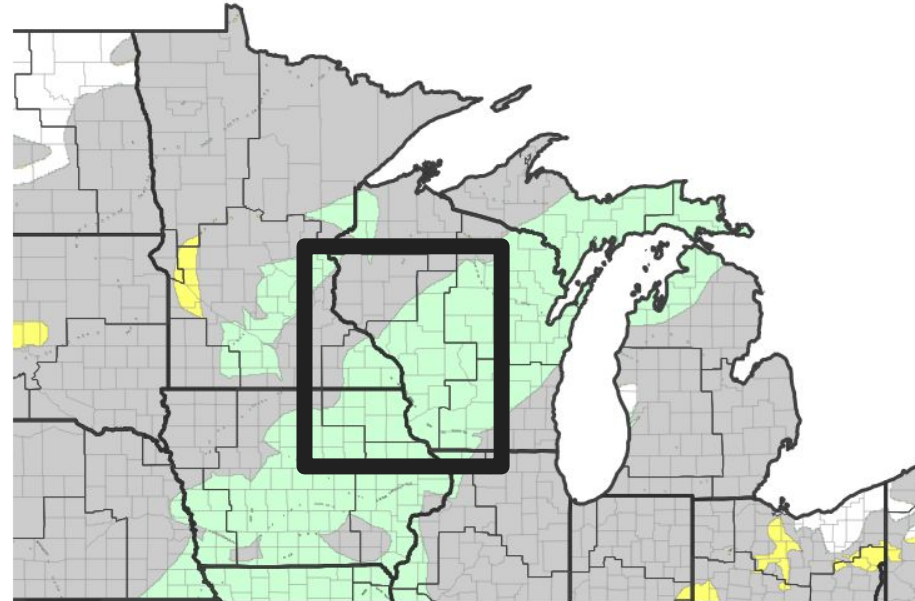


Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for Northeast IA, southeast MN, & Western IA

- 1-Week Drought Monitor Class Change.
 - During the past week, there was a 1-category improvement from northeast Iowa and southwest Wisconsin northeast in north-central and central Wisconsin.

U.S. Drought Monitor 1-Week Change Map



Drought Change Since Last Week



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

Data Valid: 11/05/24

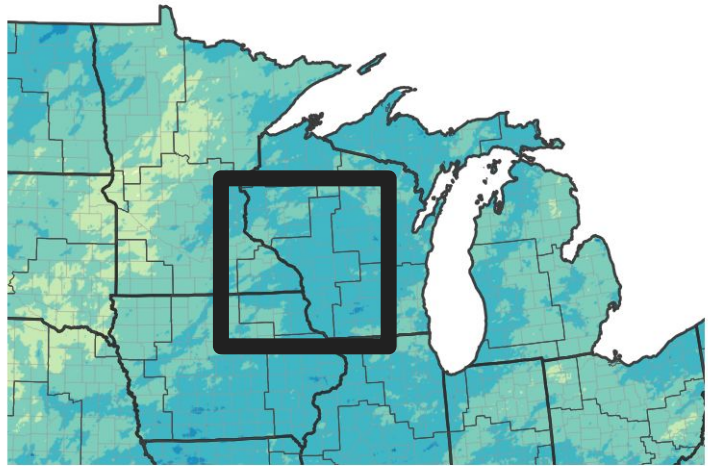




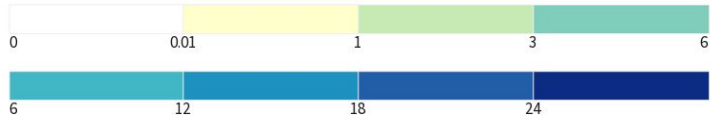
Precipitation

- From August 7 through November 5 (past 90 days), rainfall totals ranged from 3.40" near Rochester, MN to 10.57" near Prairie du Chien, WI. This resulted in rainfall deficits from 1 to 7". The largest deficits (3 to 7") were in southeast Minnesota.

90-Day Precipitation Accumulations (Inches)

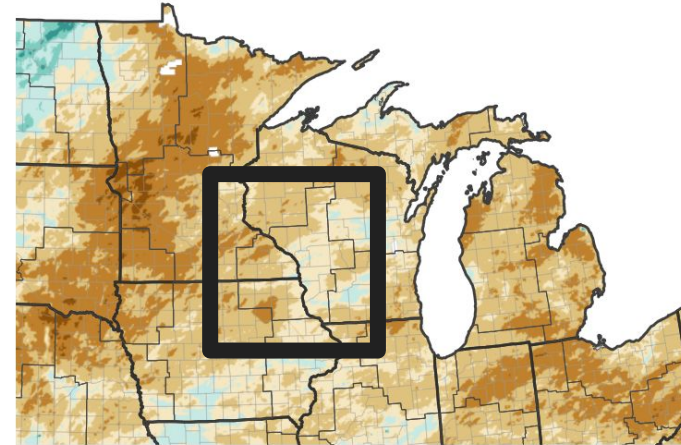


Inches of Precipitation

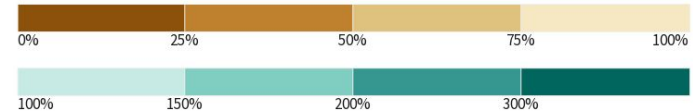


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 11/07/24

90-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: 11/07/24

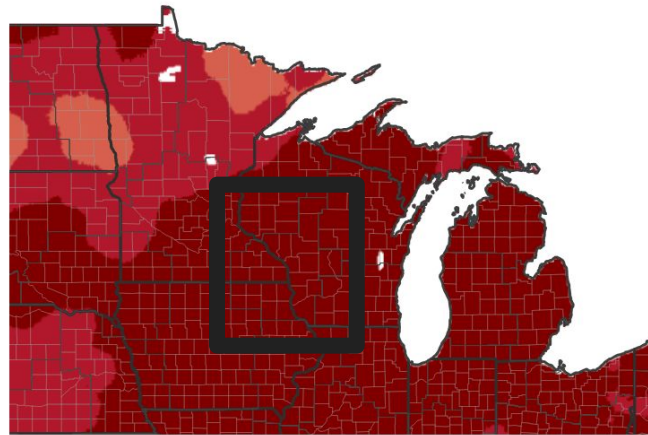




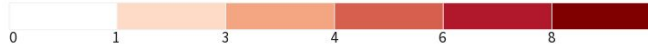
Temperature

- During the past week (October 29 to November 3), temperatures ranged from 8°F to 10°F warmer than normal.
- During the past month (October 4 through November 3), average temperatures ranged from 6°F to 10°F warmer than normal.

7-Day Temperature Anomaly



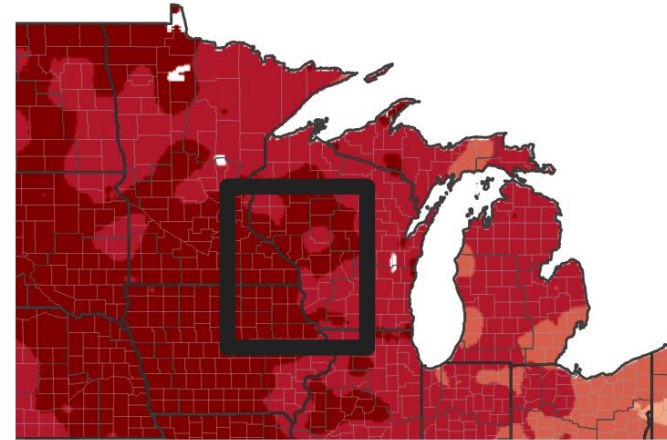
Departure from Normal Max Temperature (°F)



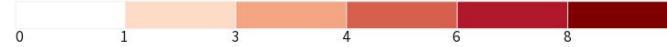
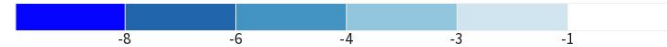
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 11/03/24

30-Day Temperature Anomaly



Departure from Normal Max Temperature (°F)



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

Data Valid: 11/03/24





Summary of Impacts

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

Hydrologic Impacts

- There are no known impacts at this time.

Agricultural Impacts

- There are no known impacts at this time.

Fire Hazard Impacts

- As of the morning of November 5, fire danger was low (fires are not easily started) in northeast Iowa, southeast Minnesota, and from southwest into central Wisconsin.

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

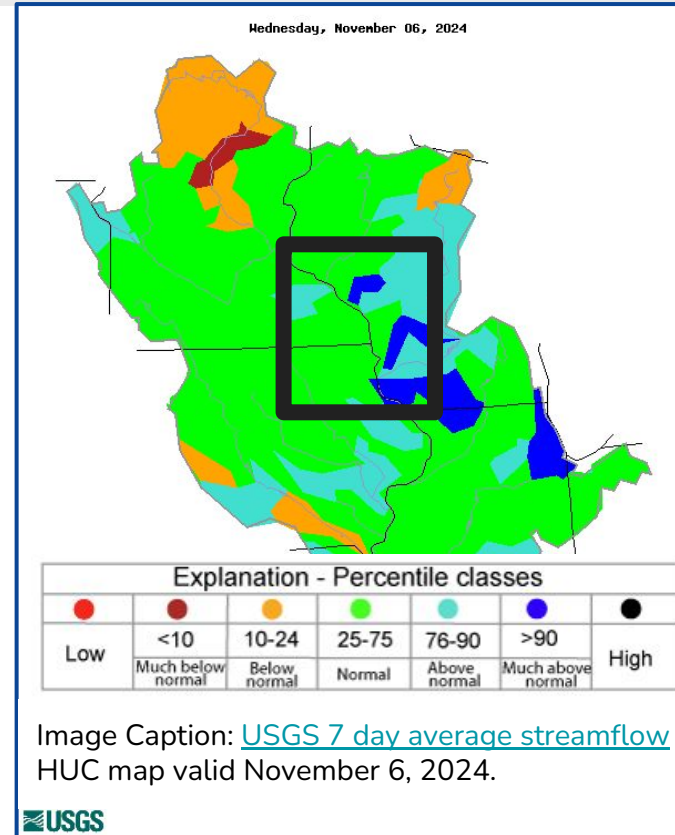
- No known actions are taking place in northeast Iowa, southeast Minnesota, and western Wisconsin.





Hydrologic Conditions and Impacts

- During the past week (October 30 through November 5), rainfall totals north of Interstate 90 ranged from 1 to 3" and from 3 to nearly 6" across the remainder of the area.
- Normally, around 4/10" of an inch of rain falls during this time frame.
- This heavy rain resulted in a 1 category improvement in the drought in northeast Iowa, southeast Minnesota and much of western Wisconsin.
- As of the morning of November 5, rivers and stream flows range from near to above normal in northeast Iowa and southeast Minnesota, and from near normal to much above-normal from southwest into central Wisconsin.

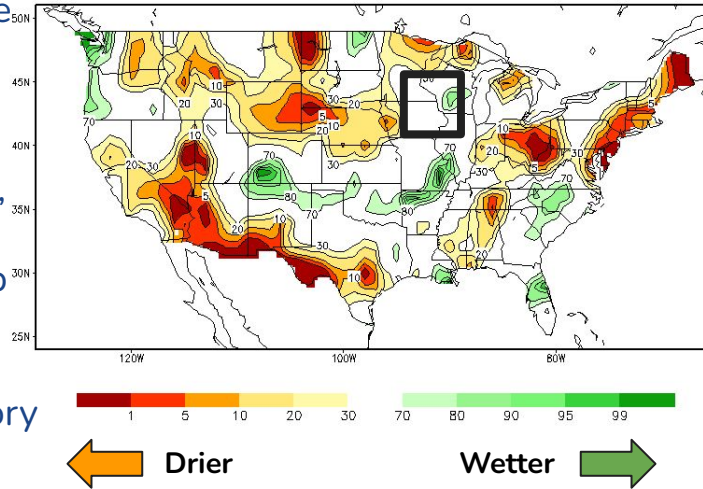




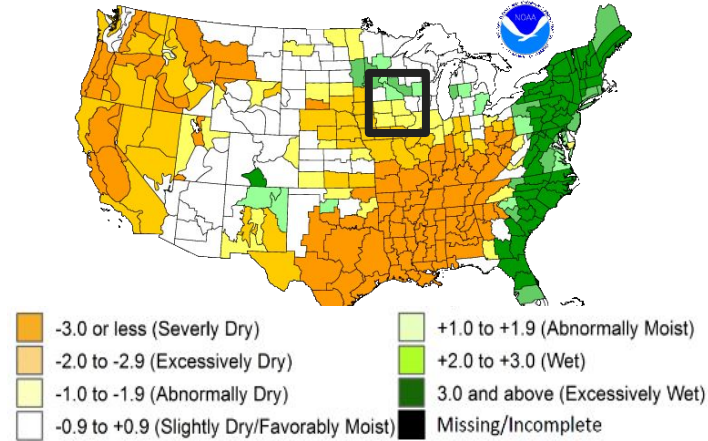
Agricultural Impacts

- Since mid-July, soils gradually dried. These soils continued to dry through October.
- During the past week, there has been some improvement in the top and sub-moisture content which has resulted in a 1-category improvement in the drought.

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



For more details:

- [Iowa](#)
- [Minnesota](#)
- [Wisconsin](#)



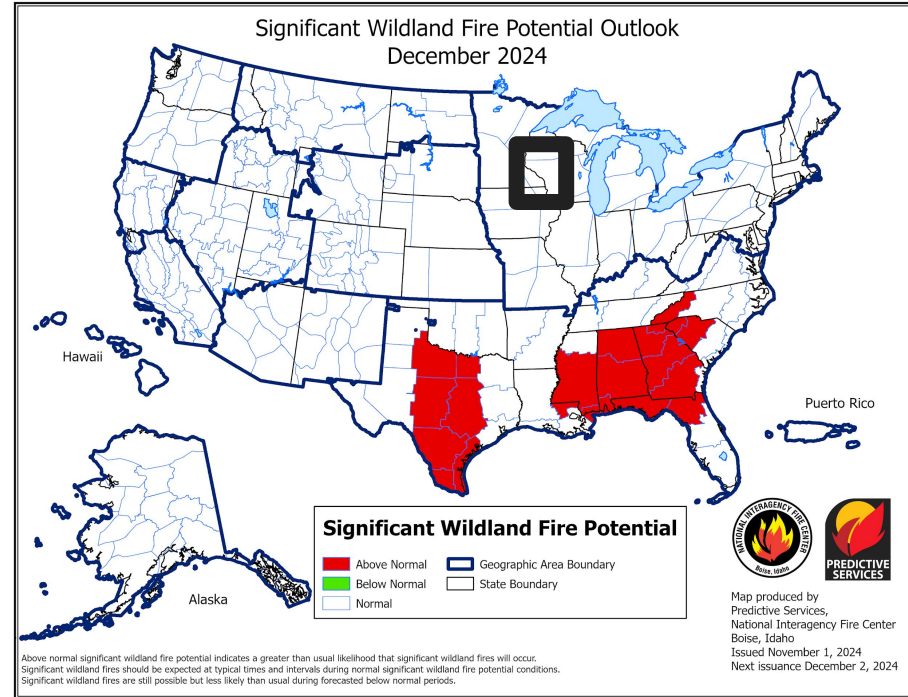


Fire Hazard Impacts

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

As of the morning of November 5, 2024...

- fire danger was low (fires are not easily started) in northeast Iowa, southeast Minnesota, and from southwest into central Wisconsin.



For updated DNR Fire Conditions consult the following Web Sites:

- [Iowa](#)
- [Minnesota](#)
- [Wisconsin](#)

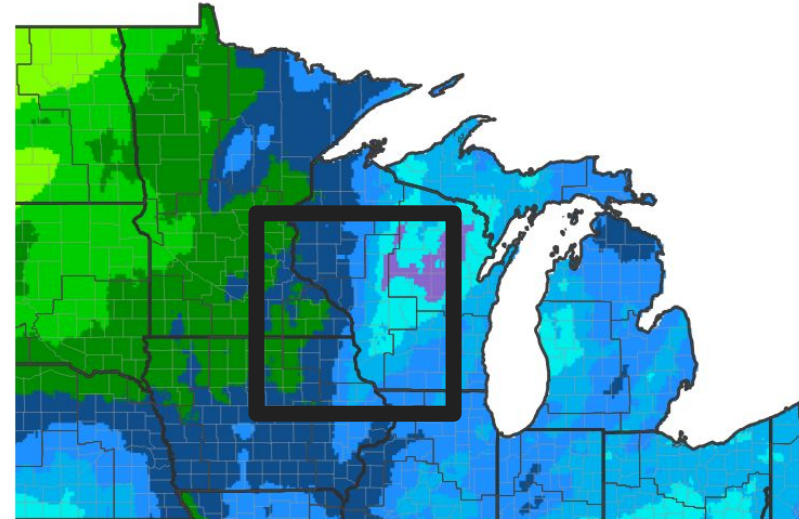




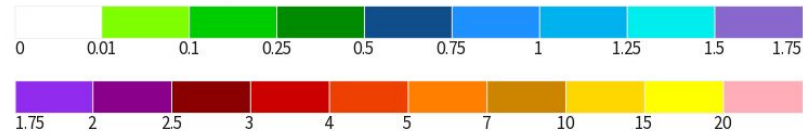
Seven Day Precipitation Forecast

- From November 7 through November 14, the Weather Prediction Center (WPC) is forecasting anywhere from a 1/4" to 1 3/4". The highest totals (3/4" to 1 3/4") are in western Wisconsin.
- Normal precipitation is around 4/10" for this time period.

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



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 11/07/24





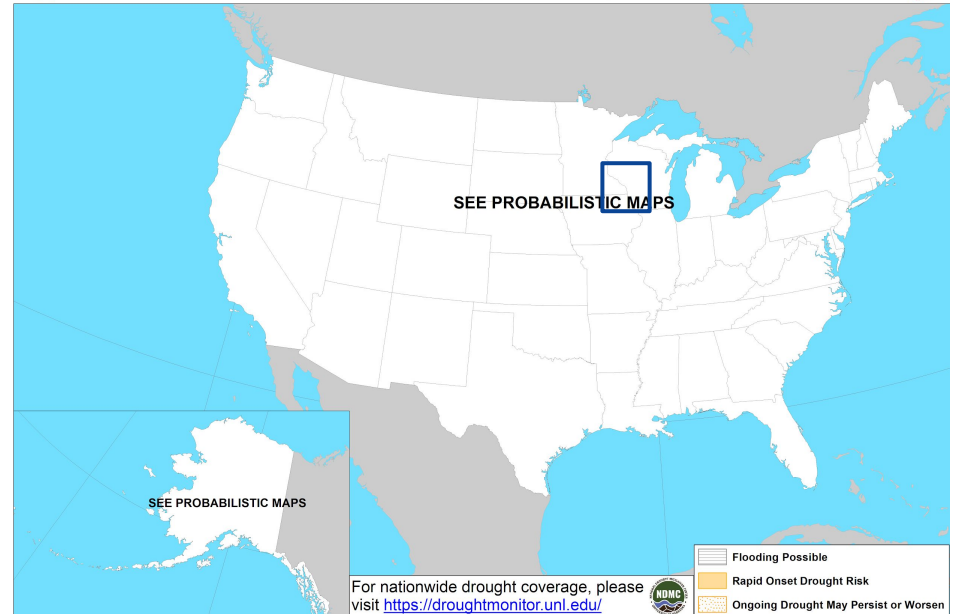
Rapid Onset Drought Outlook

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

- From November 15 through November 21, rapid onset drought (at least a 2-category degradation) is not expected in northeast Iowa, southeast Minnesota, and western Wisconsin.



Day 8-14 U.S. Hazards Outlook
Valid: 11/15/2024-11/21/2024



Climate Prediction Center
Made: 11/07/2024 3PM EST

Follow us:
www.cpc.ncep.noaa.gov



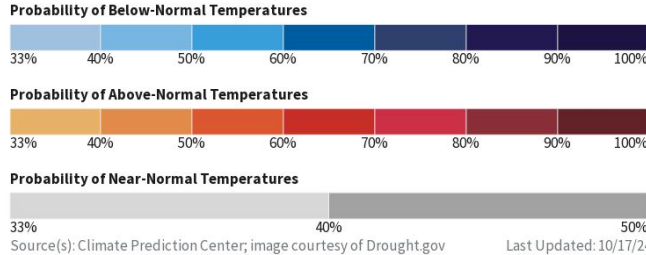
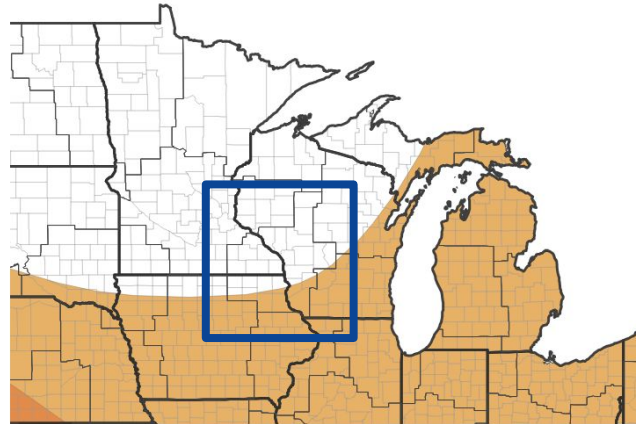


Long-Range Outlooks

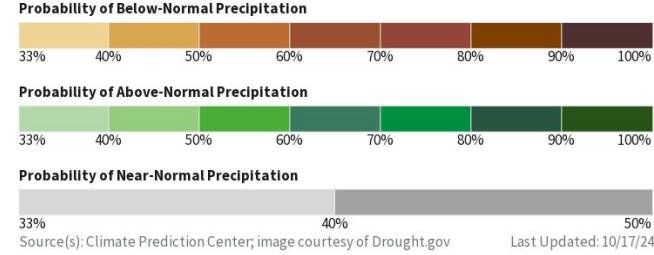
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- From November through January, the Climate Prediction Center has an enhanced chance for warmer than normal (33-40%) in northeast Iowa and southwest Wisconsin, and equal chances of warmer-, near-, and colder-than-normal elsewhere in the Upper Mississippi River Valley.
- Meanwhile, there are equal chances of wetter-, near-, and drier-than-normal.

Seasonal (3-Month) Temperature Outlook for November 1, 2024-January 31, 2025



Seasonal (3-Month) Precipitation Outlook for November 1, 2024-January 31, 2025



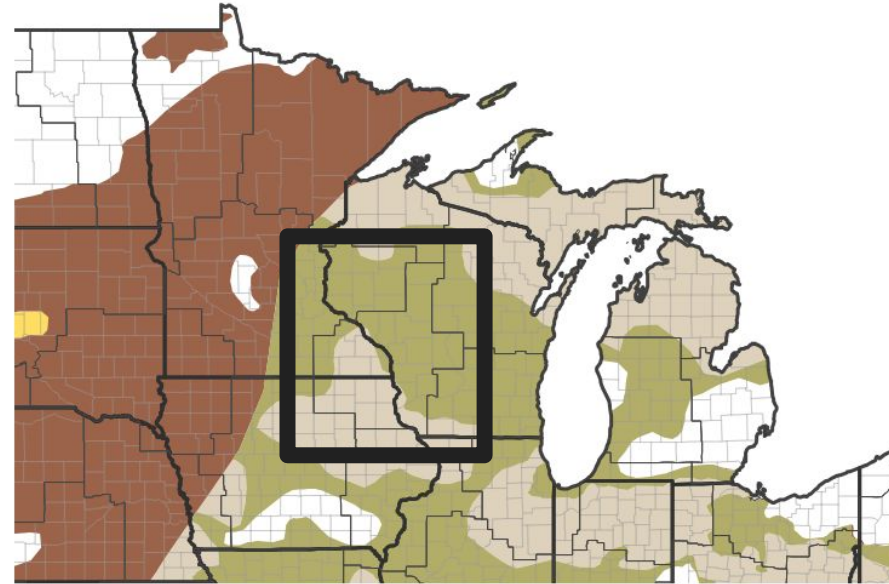


Drought Outlook

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

- The drought is expected to either improve or end through the end of January 31, 2025.

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

