



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

Valid November 19, 2024

Issued By: WFO La Crosse, WI

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

- This product will be updated Thursday, November 28, 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.

- **Some More Improvement in the Drought**



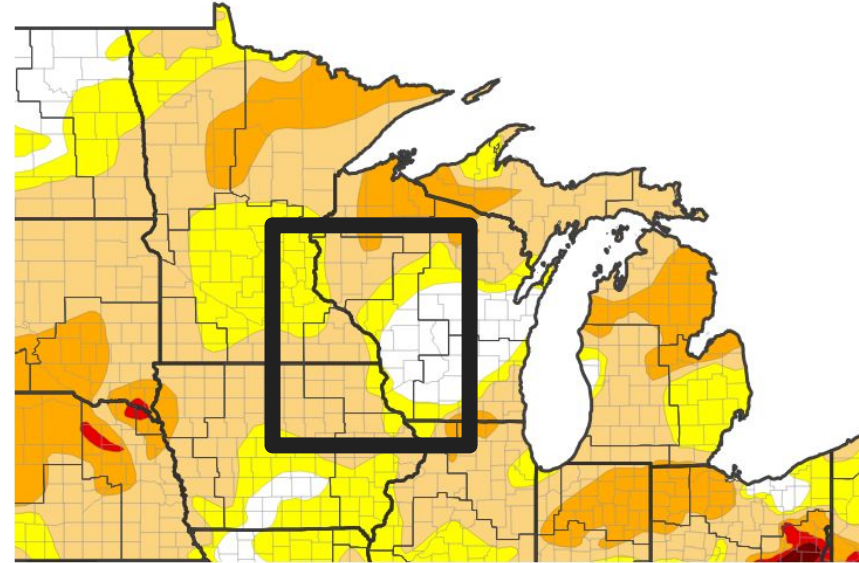


U.S. Drought Monitor

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

- Drought intensity and extent
 - **D0 (Abnormally Dry)** and **D1 (Moderate Drought)** conditions exist across much of northeast Iowa, southeast Minnesota, and in northwest Buffalo and northwest Taylor counties in Wisconsin.
 - **D0 (Abnormally Dry) conditions** exist in all or parts of Clark, Grant, Jackson, La Crosse, and Trempealeau counties in Wisconsin.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/19/24



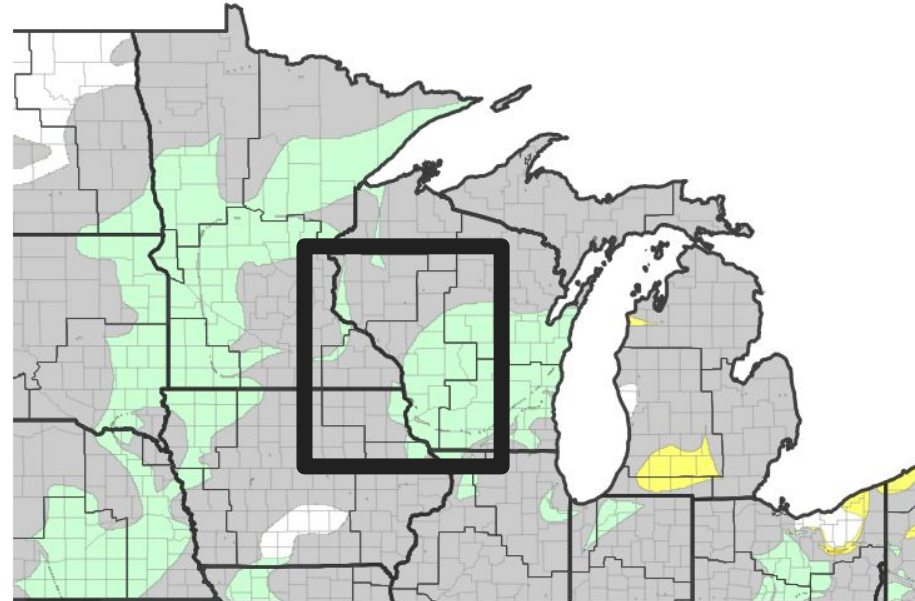


Recent Change in Drought Intensity

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 in the drought for southwest and central Wisconsin, parts of Allamakee & Fayette counties in northeast Iowa, and parts of Dodge and Wabasha counties in southeast Minnesota.

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: 11/19/24

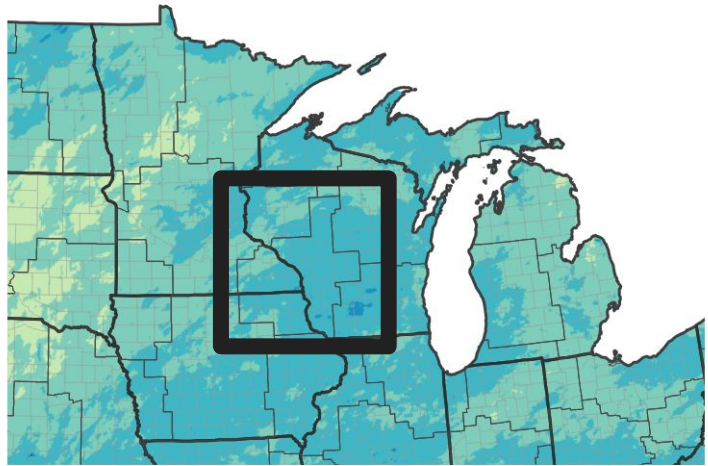




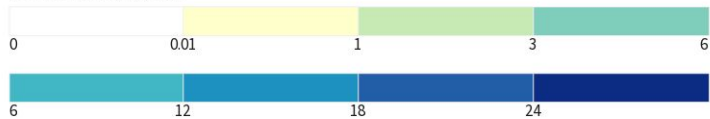
Precipitation

- From August 21 through November 19 (past 90 days), rainfall totals ranged from 4.31" near Oelwein, IA to 12.19" near Prairie du Chien, WI.
- Rainfall departures ranged from 2" wetter-than-normal to 5" drier than normal. The largest deficits (up to 5") were west of the Mississippi River.

90-Day Precipitation Accumulations (Inches)

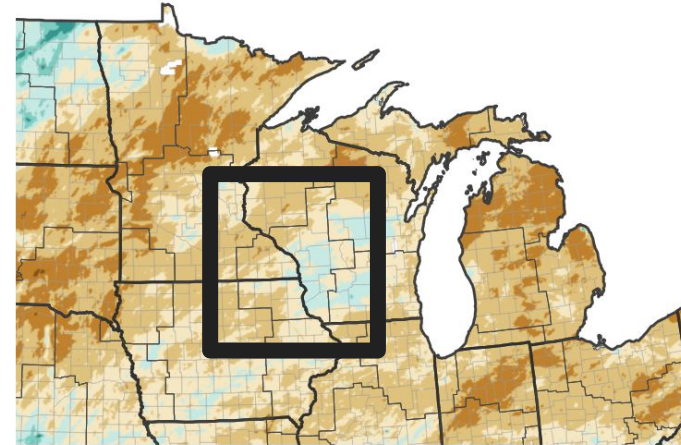


Inches of Precipitation

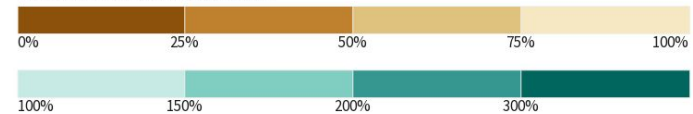


Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov Last Updated: 11/21/24

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: 11/21/24

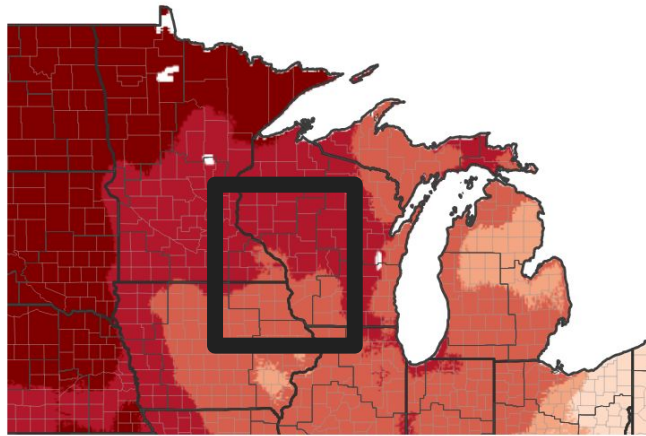




Temperature

- During the past week (November 13 to November 19), temperatures ranged from 4°F to 8°F warmer than normal.
- During the past month (October 20 through November 19), average temperatures ranged from 8°F to 10°F warmer than normal.

7-Day Temperature Anomaly



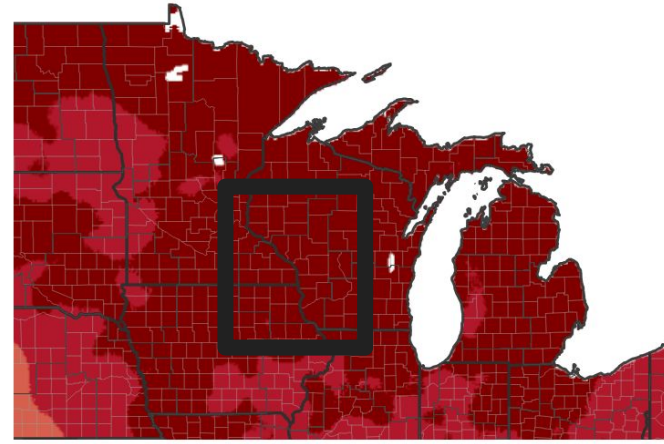
Departure from Normal Max Temperature (°F)



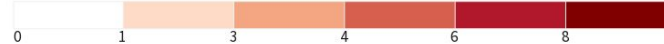
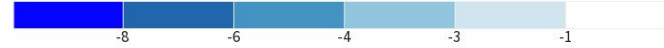
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 11/17/24

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: 11/17/24





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 19, fire danger ranged from low (fires are not easily started) to high (fires start easily and spread at a high rate) in northeast Iowa. Meanwhile, fire danger was low in 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.

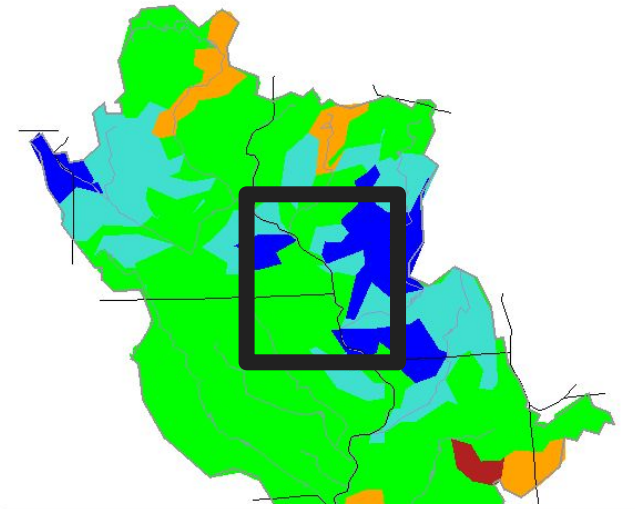




Hydrologic Conditions and Impacts

- During the past week (November 13 through November 19), rainfall totals ranged from 0.50" near Rochester, MN to 1.86" near Necedah, WI.
- Normally, around 4/10" of an inch of rain falls during this time frame.
- During the past week, there was a 1-category improvement in the drought for southwest and central Wisconsin, parts of Allamakee & Fayette counties in northeast Iowa, and parts of Dodge and Wabasha counties in southeast Minnesota.
- As of the morning of November 19, rivers and stream flows ranged from near normal to much above normal in southeast Minnesota, and from southwest into central Wisconsin; and from near to above normal in northeast Iowa.

Thursday, November 21, 2024



Explanation - Percentile classes						
Low	<10	10-24	25-75	76-90	>90	High
	Much below normal	Below normal	Normal	Above normal	Much above normal	

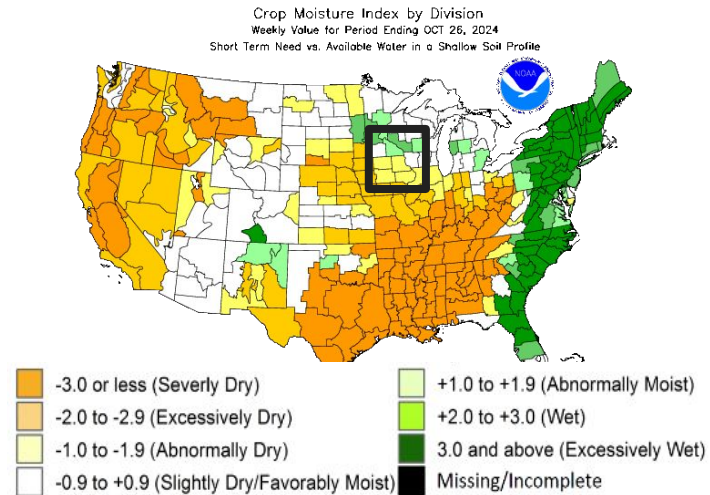
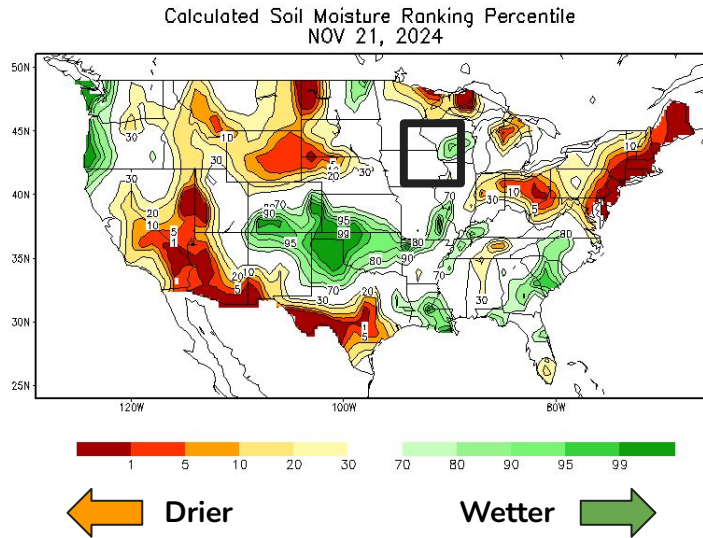
Image Caption: [USGS 7 day average streamflow HUC map](#) valid November 14, 2024.





Agricultural Impacts

- During the past month, above-normal rainfall has resulted in some improvement in top- and sub-soil moisture.
- This above-normal rainfall ended the drought across much of southwest and central Wisconsin.



For more details:

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



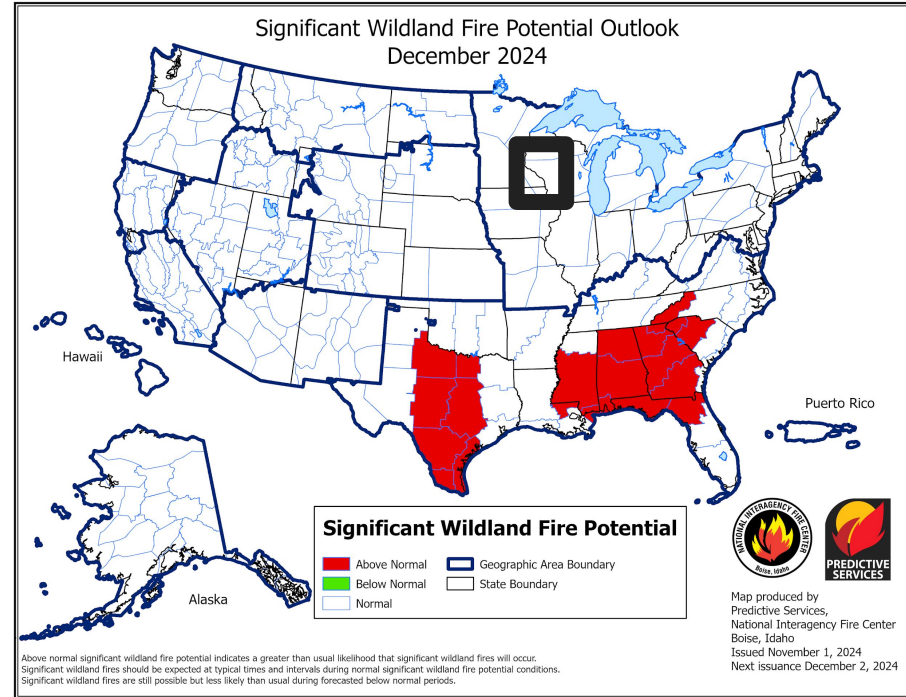


Fire Hazard Impacts

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

As of the morning of November 19, 2024...

- fire danger ranged from low (fires are not easily started) to high (fires start easily and spread at a high rate) in northeast Iowa. Meanwhile, fire danger was low in southeast Minnesota and from southwest into central Wisconsin.



For updated DNR Fire Conditions consult the following Web Sites:

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

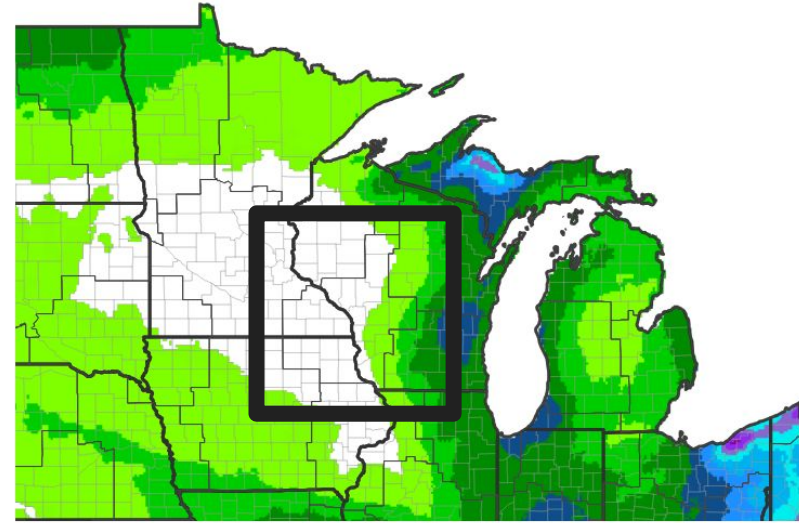




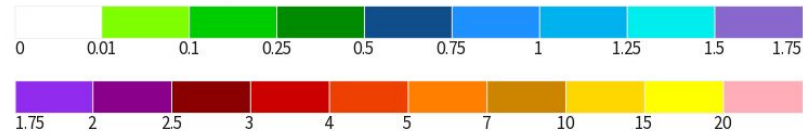
Seven Day Precipitation Forecast

- From November 21 through November 28, the Weather Prediction Center (WPC) is forecasting up to a quarter-inch of precipitation in central and southwest Wisconsin.
- Normal precipitation is around 4/10" for this time period.

7-Day Quantitative Precipitation Forecast for November 21, 2024–November 28, 2024



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 11/21/24



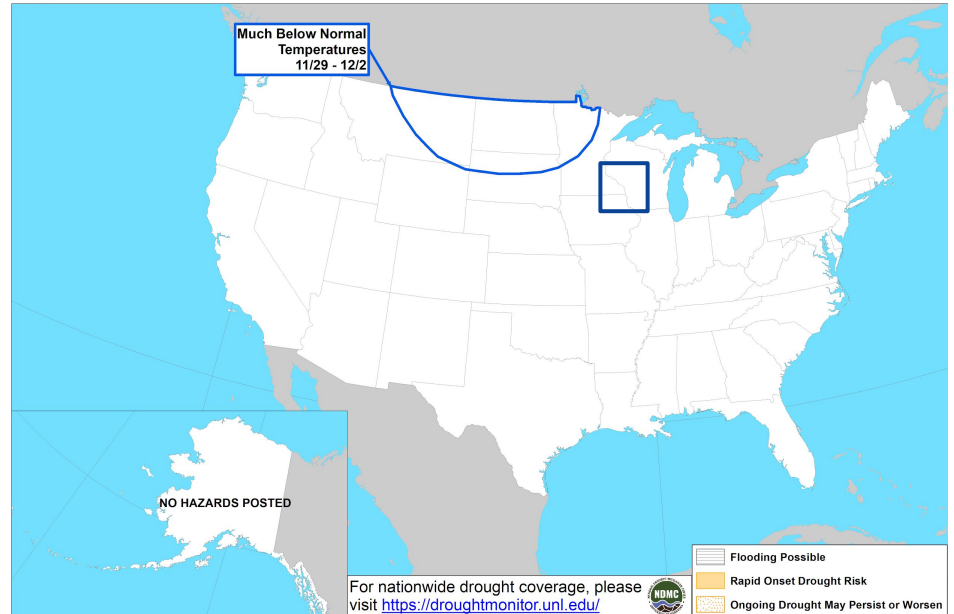
Rapid Onset Drought Outlook

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

- From November 29 through December 5, rapid onset drought (at least a 2-category degradation) is not expected in northeast Iowa, southeast Minnesota, and from southwest into central Wisconsin.



Day 8-14 U.S. Hazards Outlook
Valid: 11/29/2024-12/05/2024



Climate Prediction Center
Made: 11/21/2024 3PM EST

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



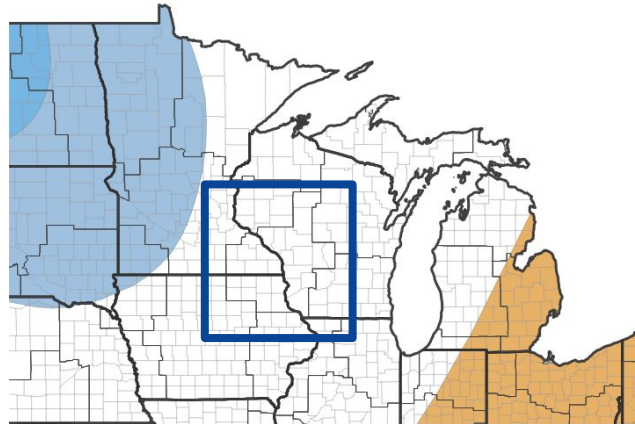


Long-Range Outlooks

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

- From December through February, the Climate Prediction Center has equal chances of warmer-, near-, and colder-than-normal for the Upper Mississippi River Valley.
- The odds are tilted to wetter-than-normal (33 to 40%) for meteorological winter in the Upper Mississippi River Valley.

Seasonal (3-Month) Temperature Outlook for December 1, 2024–February 28, 2025



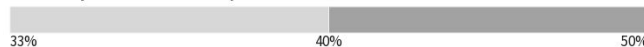
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



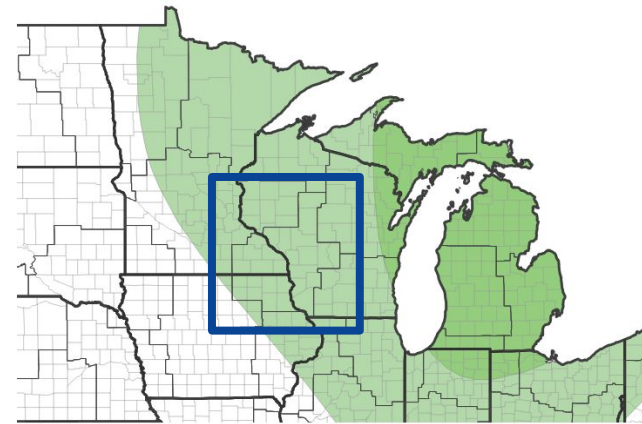
Probability of Near-Normal Temperatures



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

Last Updated: 11/21/24

Seasonal (3-Month) Precipitation Outlook for December 1, 2024–February 28, 2025



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

Last Updated: 11/21/24



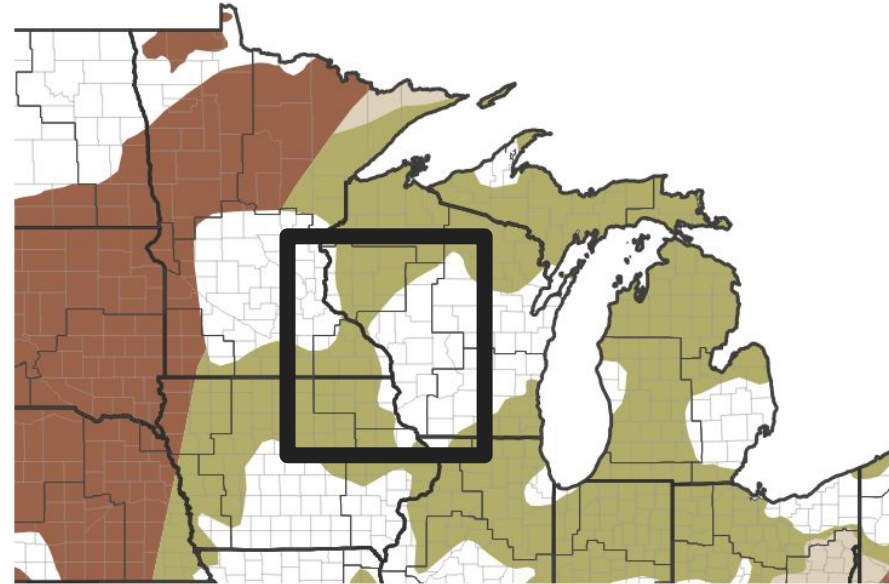


Drought Outlook

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

- The drought is expected to either improve or end by the end of February 2025.

Seasonal (3-Month) Drought Outlook for November 21, 2024–February 28, 2025



Drought Is Predicted To...



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

Last Updated: 11/21/24

