



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

Valid October 29, 2024

Issued By: WFO La Crosse, WI

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- This product will be updated Thursday, November 7, 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.

- **Drought Expands across the Remainder of the La Crosse Hydrologic Service Area**



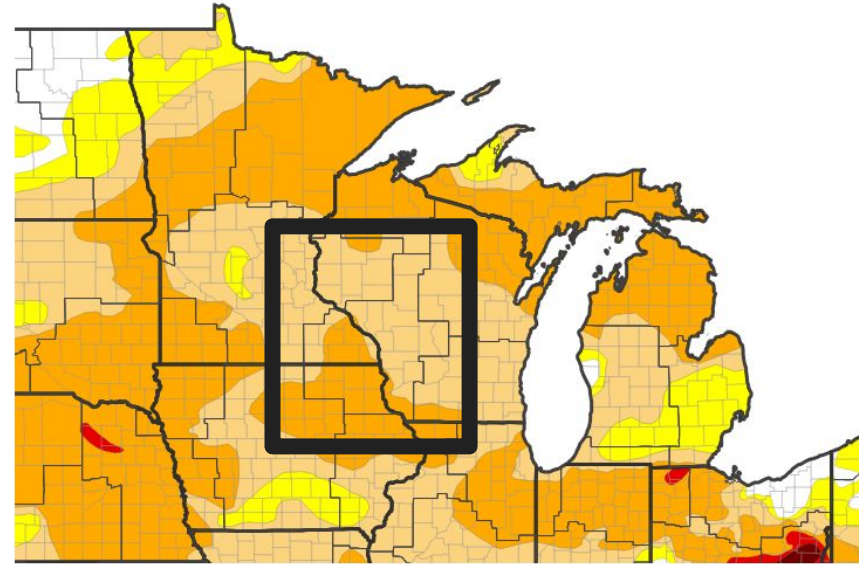


# U.S. Drought Monitor

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

- Drought intensity and Extent
  - **D1 (Moderate Drought) & D2 (Severe Drought)** continues across northeast Iowa, southeast Minnesota, and along and south of Interstate 94 in Wisconsin.
  - **D1 (Moderate Drought)** has developed north of Interstate 94 corridor in Wisconsin.

## U.S. Drought Monitor



## U.S. Drought Monitor



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

Data Valid: 10/29/24



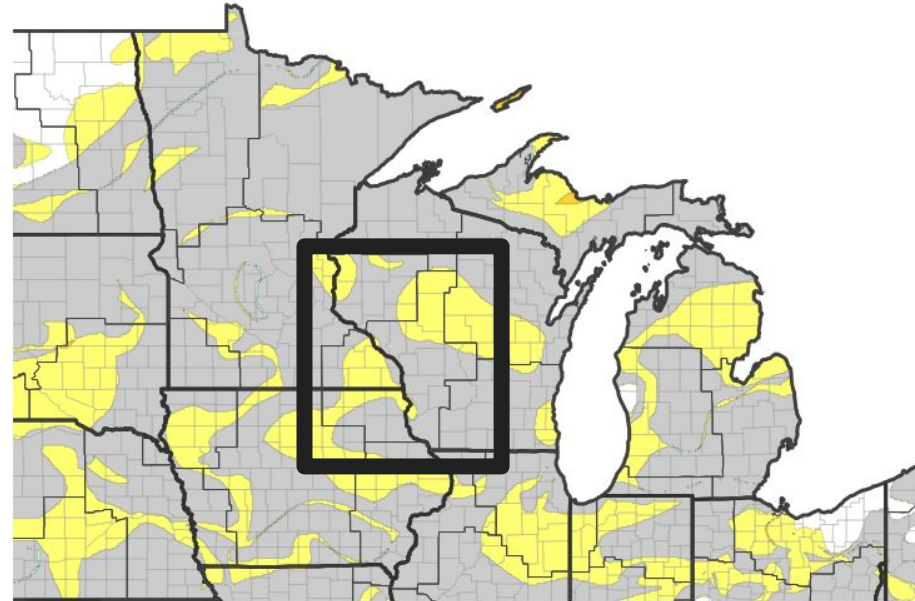


# Recent Change in Drought Intensity

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 degradation across parts of northeast Iowa, southeast Minnesota, and north of Interstate 94 in 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: 10/29/24

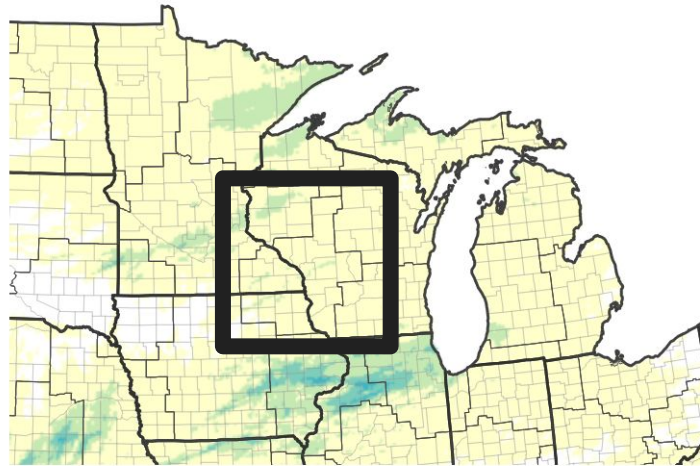




# Precipitation

- From October 23 through October 29, rainfall totals ranged from no rain to 0.59" near Lime Springs, IA.
- Normally, around a 4/10" of an inch of precipitation falls during this time frame.
- From July 31 through October 29 (past 90 days), rainfall totals ranged from 1.57" near Oelwein, IA to 9.97" near Winona, MN. This resulted in rainfall deficits from 1 to 9". The largest deficits (4 to 9") were south of Interstate 94.

NWPS 7-Day Precipitation Accumulations (inches)

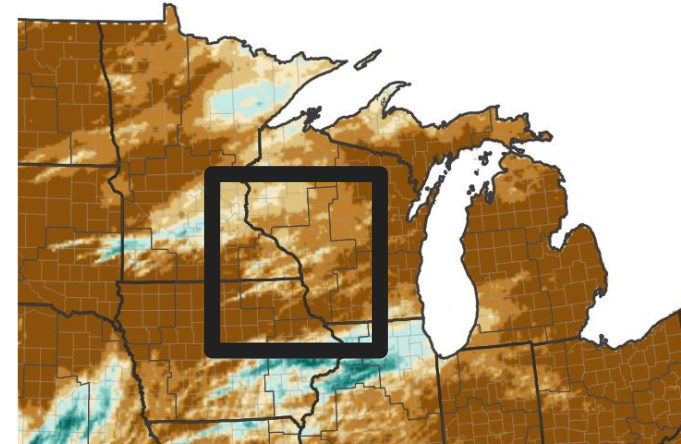


Inches of Precipitation

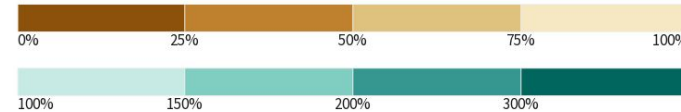


Source(s): National Weather Service National Water Prediction Service; Data Valid: 10/27/24

7-Day Precipitation: Percent of PRISM Normal



Percent of Normal Precipitation (%)



Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov Last Updated: 10/27/24



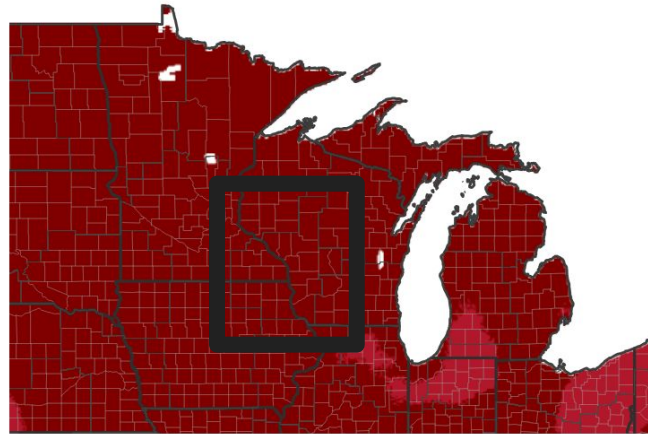




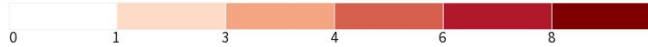
# Temperature

- During the past week (October 23 to October 29), temperatures ranged from 4°F to 10°F warmer than normal.
- During the past month (September 29 through October 29), average temperatures ranged from 2°F to 7°F warmer than normal.

7-Day Temperature Anomaly



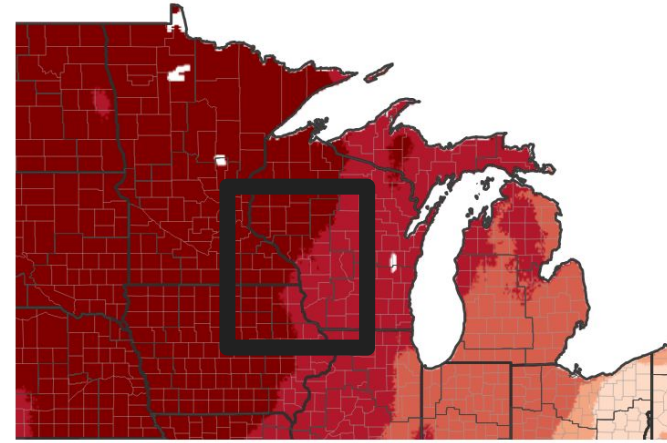
Departure from Normal Max Temperature (°F)



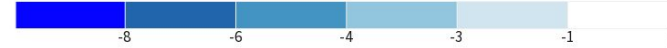
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 10/29/24

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: 10/29/24





# 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

- In northeast Iowa, livestock water resources continue to be a concern.

## Fire Hazard Impacts

- As of the morning of October 29, fire danger was very high (fires start easily started and spread at a very high rate) in Adams County in central Wisconsin. Fire danger was high (fires start easily started and spread at a high rate) in southeast Minnesota and western Wisconsin. Finally, fire danger was low (fires are not easily started) to high in northeast Iowa.
- In northeast Iowa, combine and other equipment fires continue to be reported.

## Other Impacts

- There are no known impacts at this time.

## Mitigation Actions

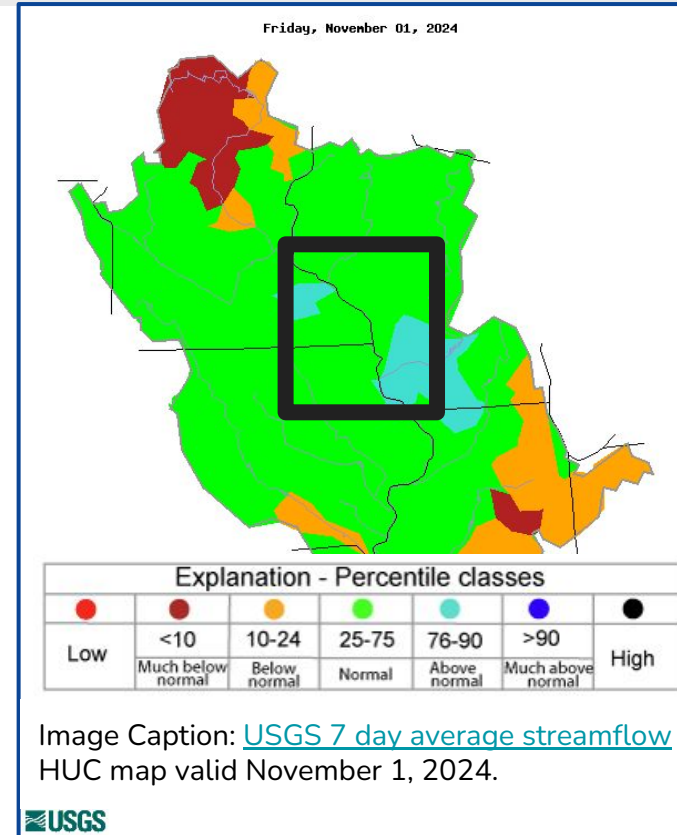
- No known actions are taking place in northeast Iowa, southeast Minnesota, and western Wisconsin.





# Hydrologic Conditions and Impacts

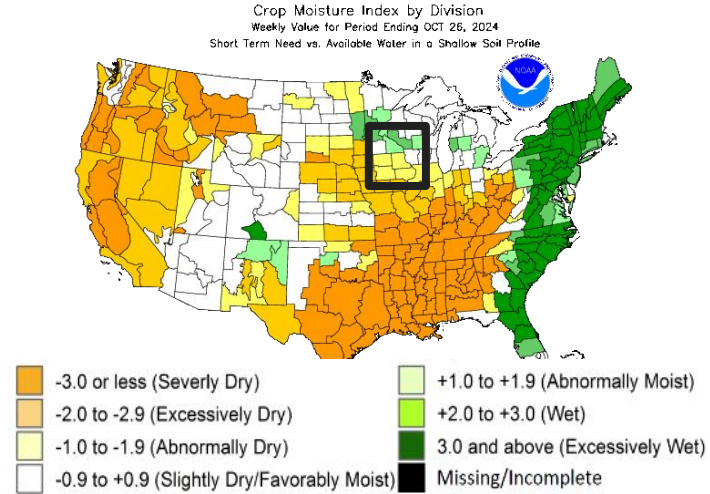
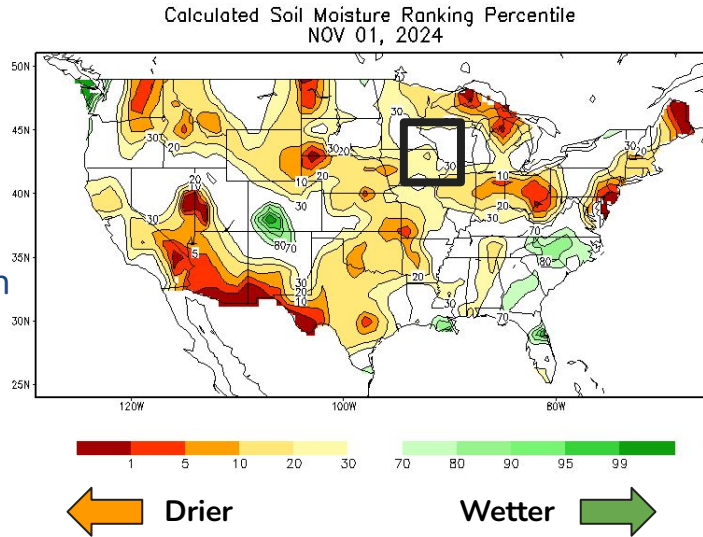
- From October 23 through October 29, rainfall totals ranged from no rain to 0.59" near Lime Springs, IA.
- Normally, around 4/10" of an inch of rain falls during this time frame.
- As of the morning of October 29, rivers and stream flows range from much below normal to normal in northeast Iowa and southwest Wisconsin, and near normal in southeast Minnesota and in west-central, central, and north-central Wisconsin.





# Agricultural Impacts

- Since mid-July, soils have been gradually drying.
- Soils south of the Interstate 90 corridor are currently less than the 10th percentile.



For more details:

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





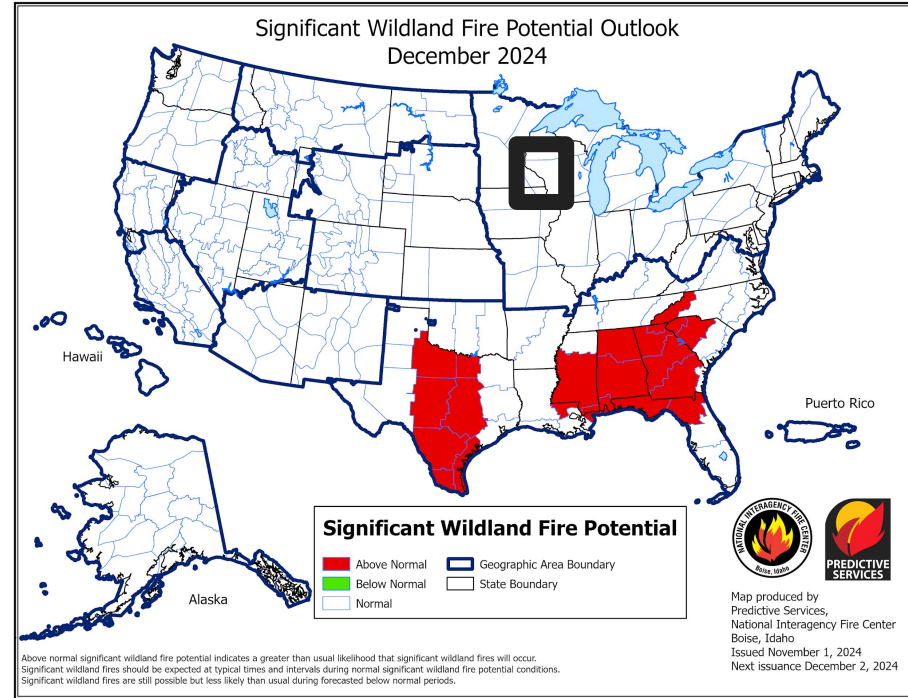


# Fire Hazard Impacts

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

As of the morning of October 29, 2024...

- fire danger was very high (fires start easily started and spread at a very high rate) in Adams County in central Wisconsin. Fire danger was high (fires start easily started and spread at a high rate) in southeast Minnesota and western Wisconsin. Finally, fire danger was low (fires are not easily started) to high in northeast Iowa.



For updated DNR Fire Conditions consult the following Web Sites:

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

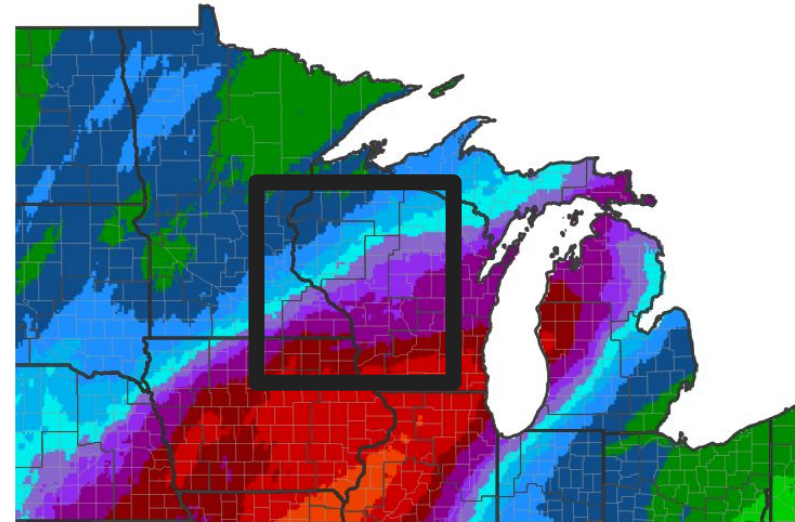




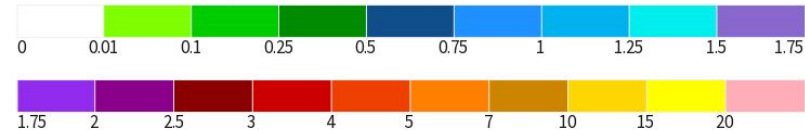
# Seven Day Precipitation Forecast

- From November 2 through November 9, the Weather Prediction Center (WPC) is forecasting anywhere from a 1" to 5".
- Normal precipitation is around ½" for this time period.

## 7-Day Quantitative Precipitation Forecast for November 2, 2024–November 9, 2024



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Last Updated: 11/02/24





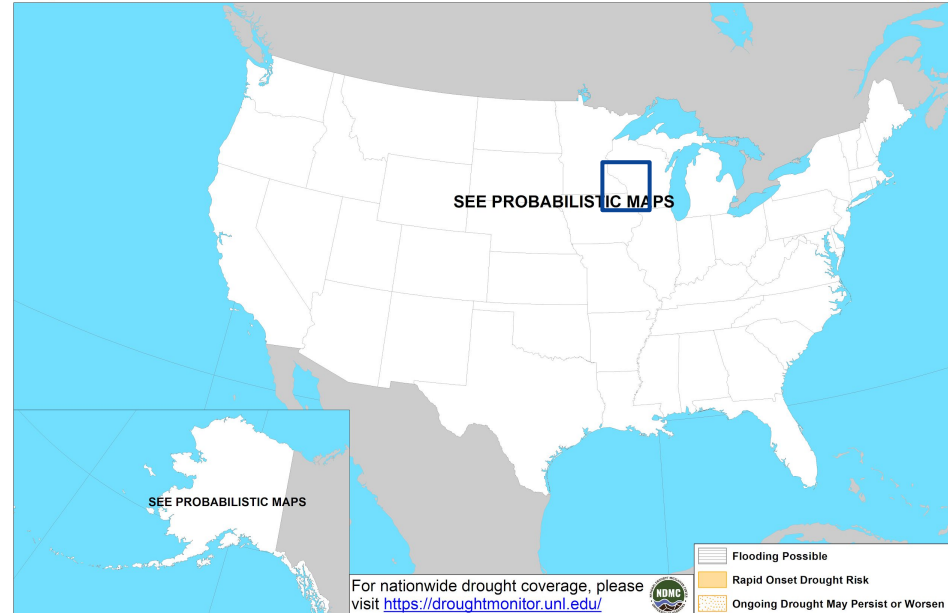
# Rapid Onset Drought Outlook

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

- From November 9 through November 15, 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: 11/09/2024-11/15/2024



For nationwide drought coverage, please visit <https://droughtmonitor.unl.edu/>



Climate Prediction Center  
Made: 11/01/2024 3PM EDT

Follow us:   
[www.cpc.ncep.noaa.gov](http://www.cpc.ncep.noaa.gov)



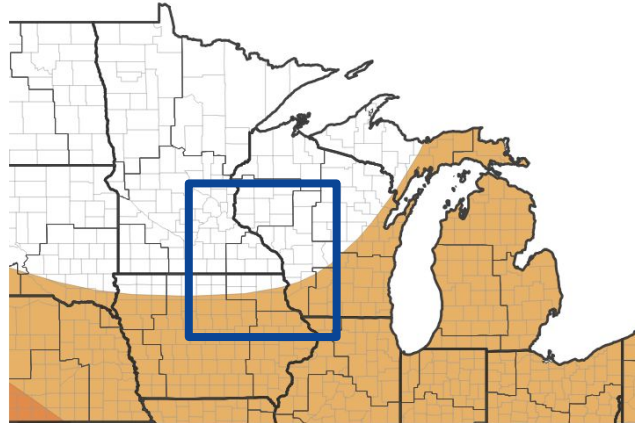


# Long-Range Outlooks

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



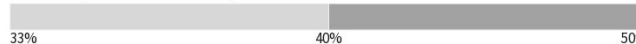
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



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

Last Updated: 10/17/24

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



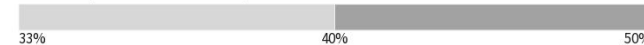
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation



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

Last Updated: 10/17/24





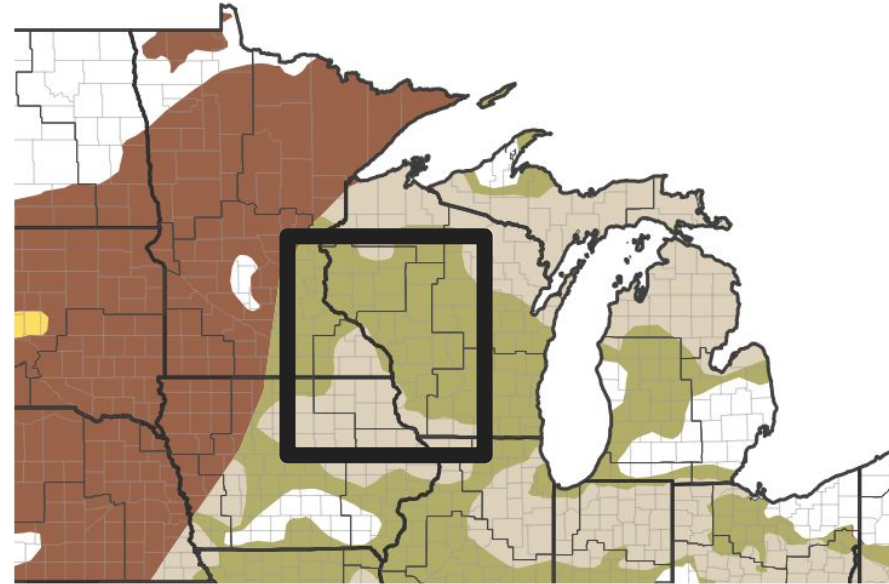


# Drought Outlook

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

- The drought is expected to either improve or end 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

