



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

Valid October 8, 2024

Issued By: WFO La Crosse, WI

Contact Information: [w-arx.webmaster@noaa.gov](mailto:w-arx.webmaster@noaa.gov)

- This product will be updated on October 17, 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.

- **Severe (D2) Drought Develops in Northeast Iowa**



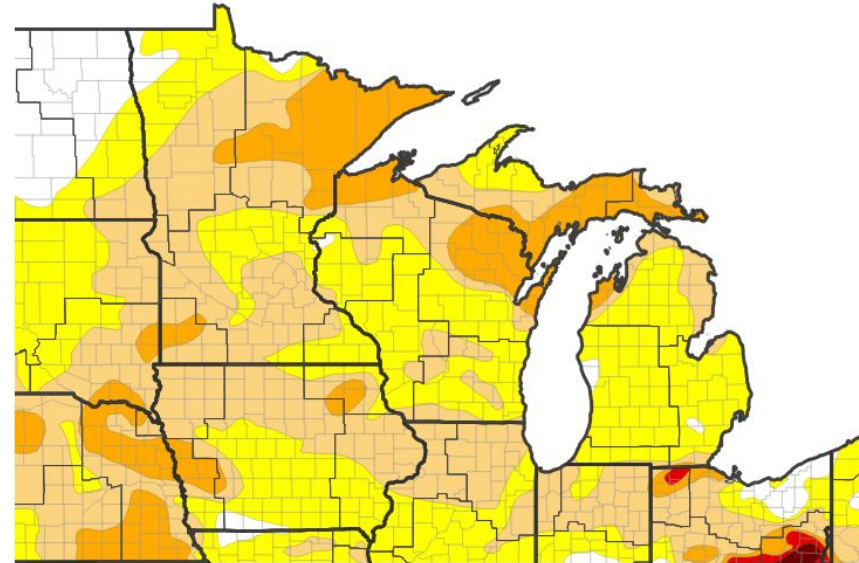


# U.S. Drought Monitor

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

- Drought intensity and Extent
  - **D0 (Abnormally Dry)** & **D2 (Severe Drought)** has developed in northeast Iowa.
  - **D0 (Abnormally Dry)** & **D1 (Moderate Drought)** along Interstate 90.
  - **D0 (Abnormally Dry)** north of Interstate 90.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 10/08/24

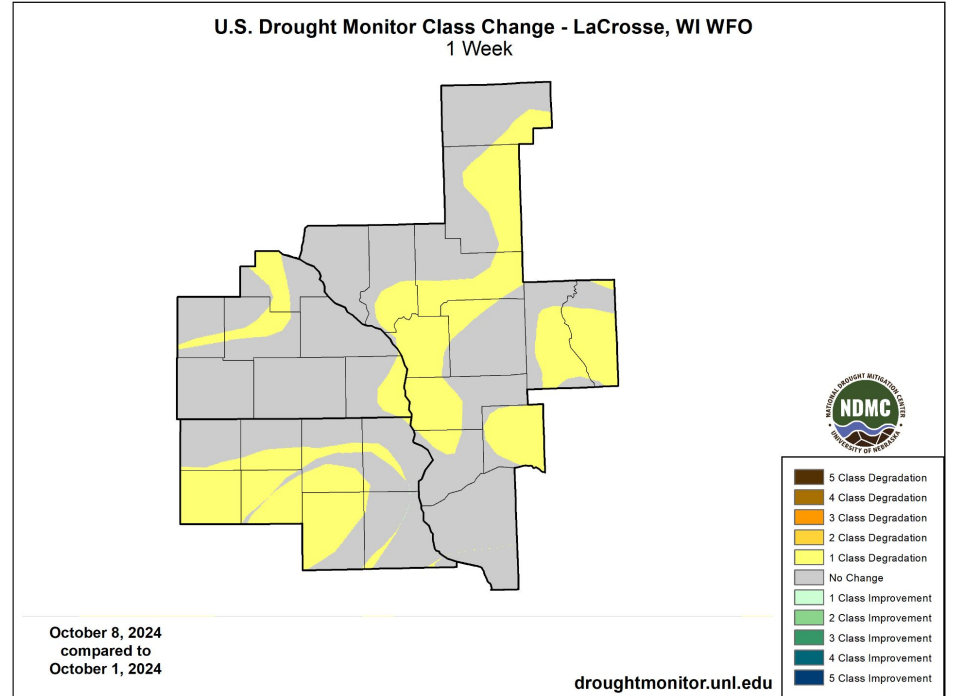




# Recent Change in Drought Intensity

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 either no change or a 1 class degradation in the drought.

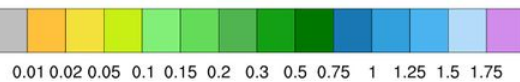
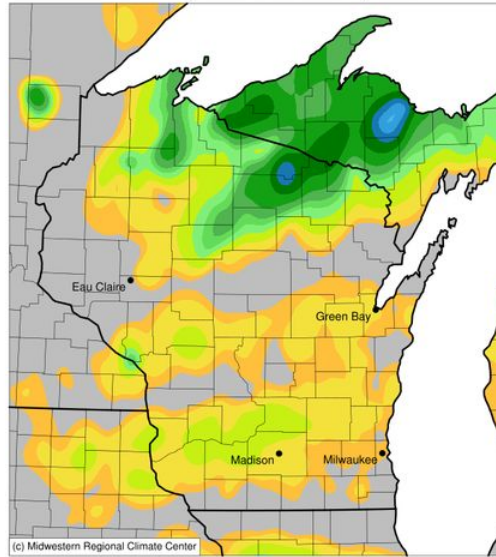




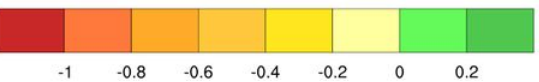
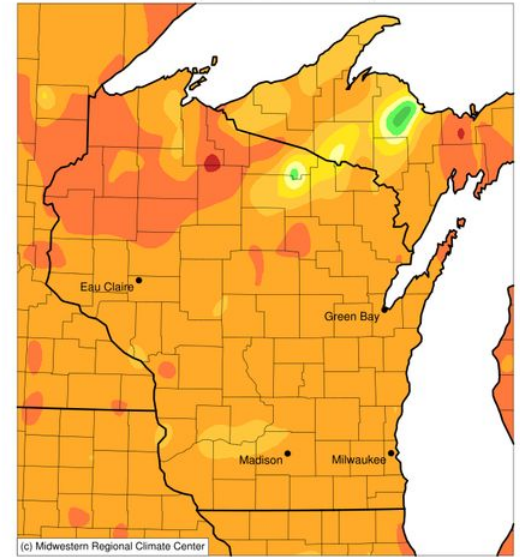
# Precipitation

- From October 2 through October 8, rainfall totals ranged from no rain to 0.33" at Trempealeau Dam 6, WI (COOP).
- Normally, around a 1/2" of an inch of precipitation falls during this time frame.

Accumulated Precipitation (in)  
October 02, 2024 to October 08, 2024



Accumulated Precipitation (in): Departure from 1991-2020 Normals  
October 02, 2024 to October 08, 2024



- From August 10 through October 8 (last 60 days), rainfall totals ranged from 1.24" at Oelwein, IA to 7.72" near Ettrick, WI. This resulted in rainfall deficits from 2 to 5".

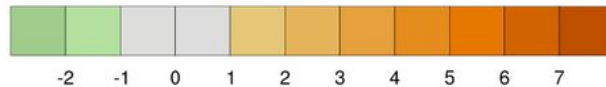
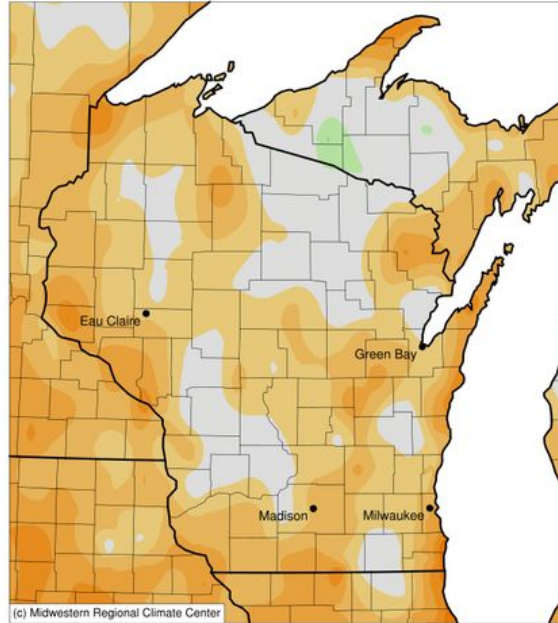




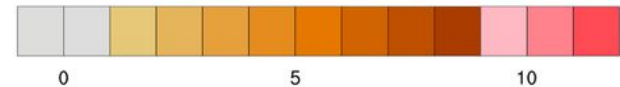
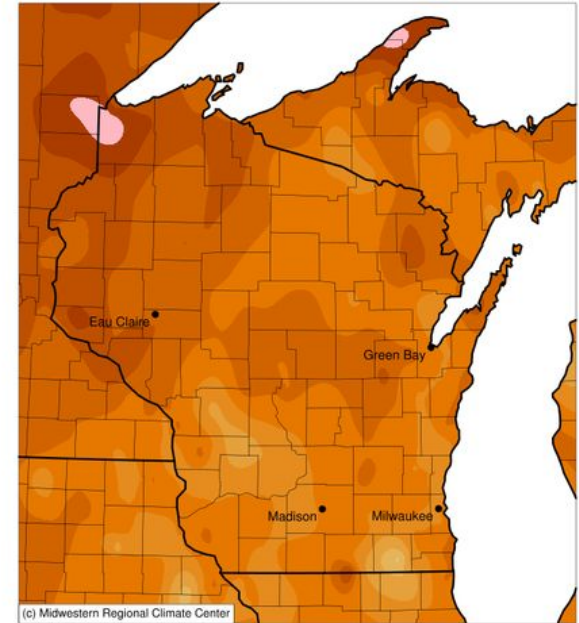
# Temperature

- During the past week (October 2 to October 8), temperatures ranged from near normal to 4°F warmer than normal.
- During the past month (September 9 to October 8), average temperatures ranged from 4°F to 8°F warmer than normal.

**Average Temperature (°F): Departure from 1991-2020 Normals**  
October 02, 2024 to October 08, 2024



**Average Temperature (°F): Departure from 1991-2020 Normals**  
September 09, 2024 to October 08, 2024





# 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 9, fire danger was high (fires start easily started and spread at a high rate) in southeast Minnesota, moderate (fires start easily started and spread at a moderate rate) to high from southwest into central Wisconsin, and low (fires are not easily started) in northeast Iowa.
- In northeast Iowa, combine and other equipment fires were reported as weather conditions increased the risk of such fires.

## Other Impacts

- There are no known impacts at this time.

## Mitigation Actions

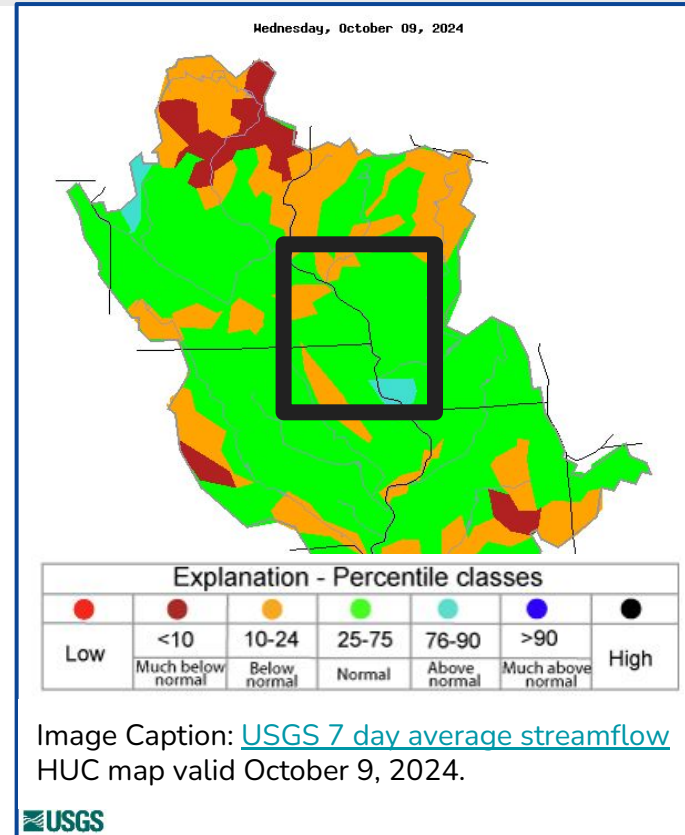
- No known actions are taking place in northeast Iowa, southeast Minnesota, and western Wisconsin.





# Hydrologic Conditions and Impacts

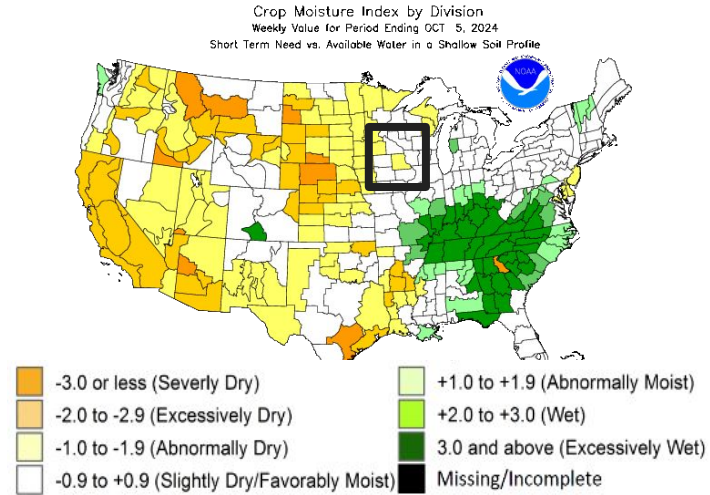
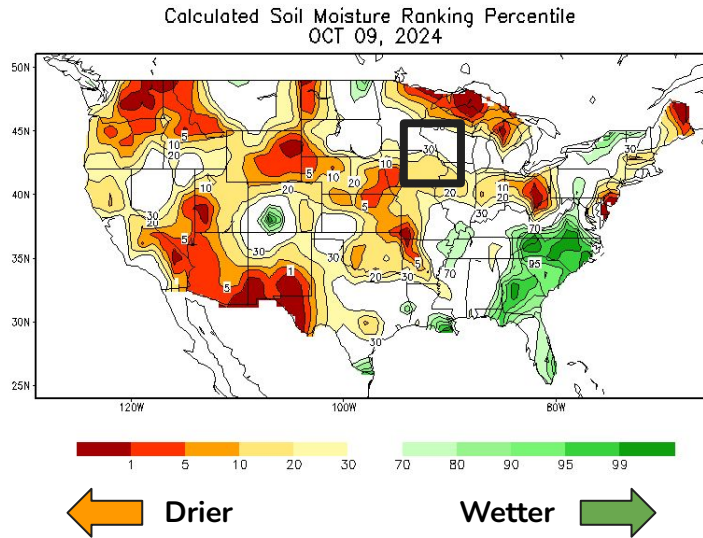
- From October 2 through October 8, rainfall totals ranged from no rain to 0.33” at Trempealeau Dam 6, WI (COOP).
- Normally, around 1/2" of an inch of rain falls during this time frame.
- As of the morning of October 9, rivers and stream flows range from much-below to normal in western Wisconsin, from below to near normal in southeast Minnesota, and near normal in northeast Iowa.





# Agricultural Impacts

- Since mid-July, soils have been gradually drying across the La Crosse Hydrologic Service Area (HSA).



For more details:

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







# Fire Hazard Impacts

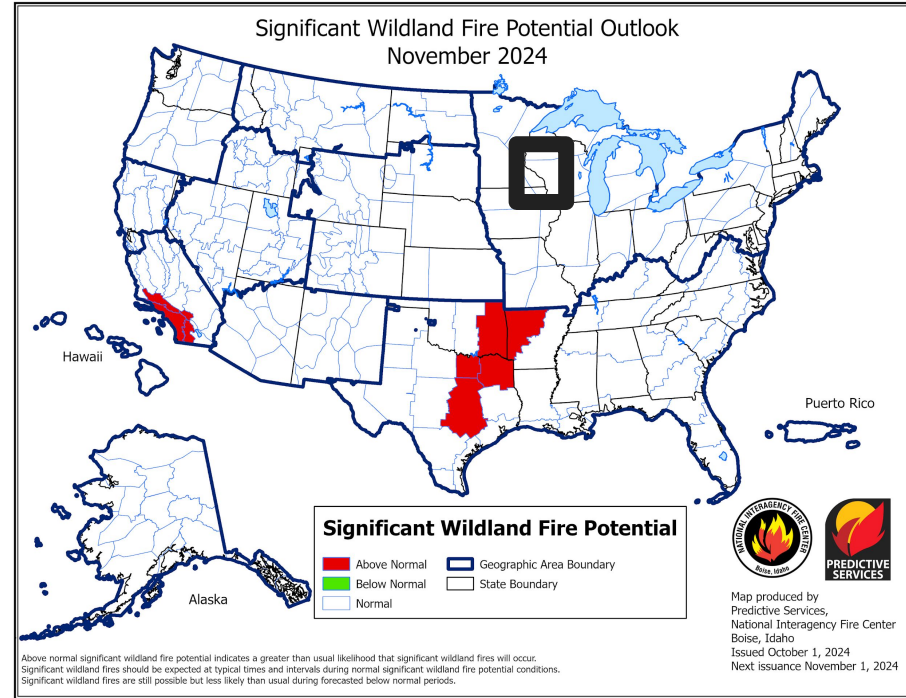
Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

As of the morning of October 9, 2024,

- fire danger was high (fires start easily started and spread at a high rate) in southeast Minnesota, moderate (fires start easily started and spread at a moderate rate) to high from southwest into central Wisconsin, and low (fires are not easily started) in northeast Iowa.
- In northeast Iowa, combine and other equipment fires were reported as weather conditions increased the risk of such fires.

For updated DNR Fire Conditions consult the following Web Sites:

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

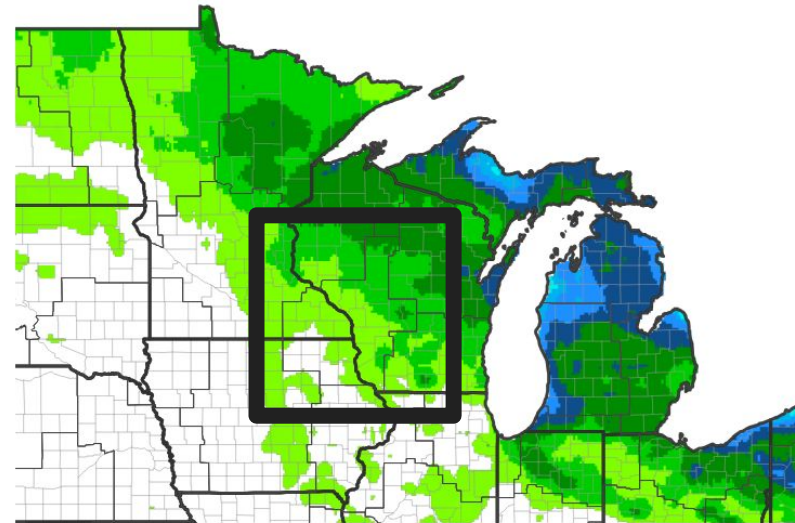




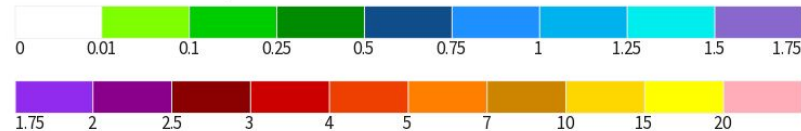
# Seven Day Precipitation Forecast

- From October 10 through October 17, NOAA's Weather Prediction Center (WPC) is forecasting up to a ½" of precipitation. The greatest totals (1/4" to ½") will be found along and north of Interstate 94.
- Normal precipitation is around ½" for this time period.

7-Day Quantitative Precipitation Forecast for October 10, 2024–October 17, 2024



Predicted Inches of Precipitation



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





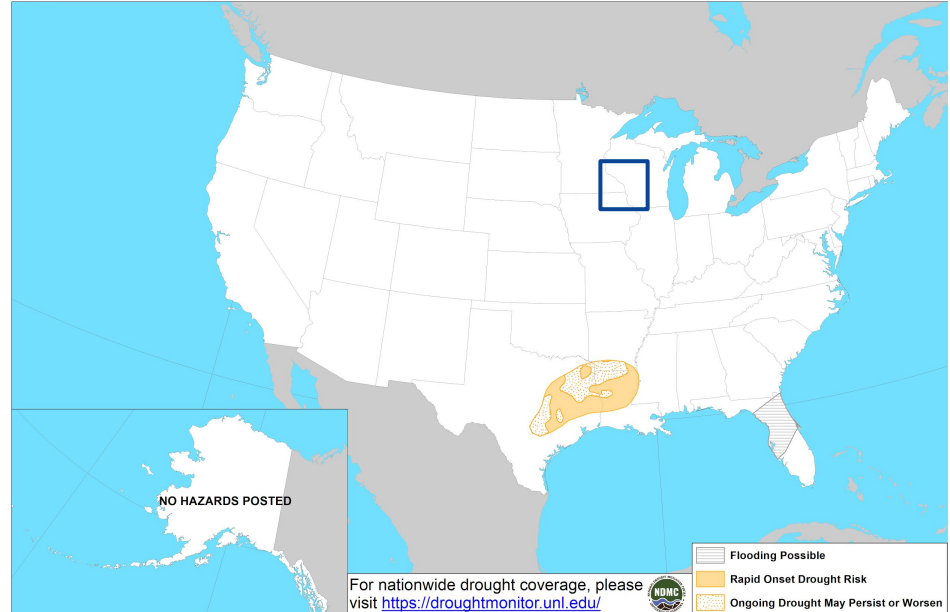
# Rapid Onset Drought Outlook

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

- From October 18 through October 24, 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: 10/18/2024-10/24/2024



Climate Prediction Center  
Made: 10/10/2024 3PM EDT

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



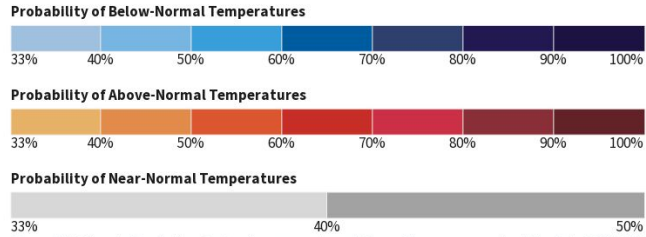
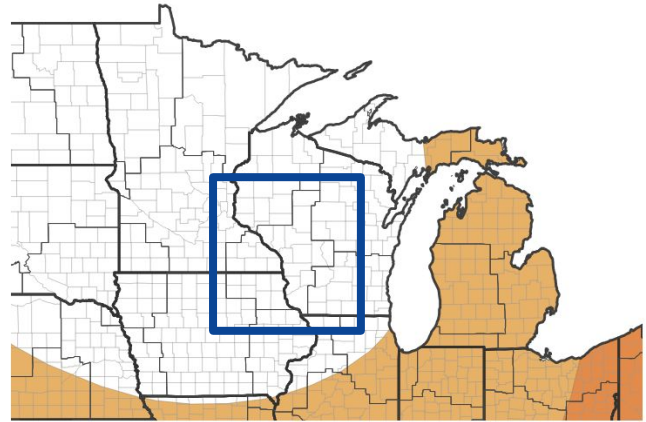


# Long-Range Outlooks

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

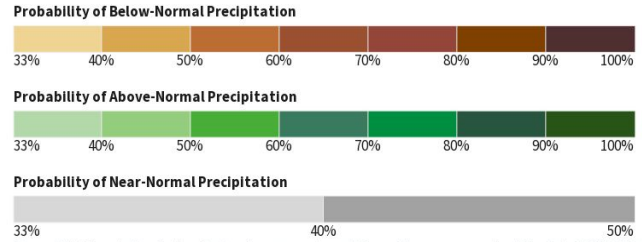
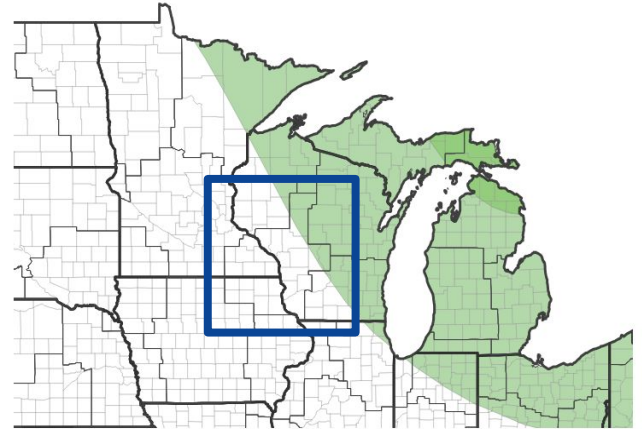
- From October through December 2024, there are equal chances for warmer-, near-, and colder-than-normal temperatures.
- The odds have been shifted slightly toward wetter than normal in north-central & central Wisconsin. Meanwhile, there are equal chances of wetter-, near-, and drier-than-normal elsewhere.

Seasonal (3-Month) Temperature Outlook for October 1, 2024–December 31, 2024



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 09/19/24

Seasonal (3-Month) Precipitation Outlook for October 1, 2024–December 31, 2024



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 09/19/24



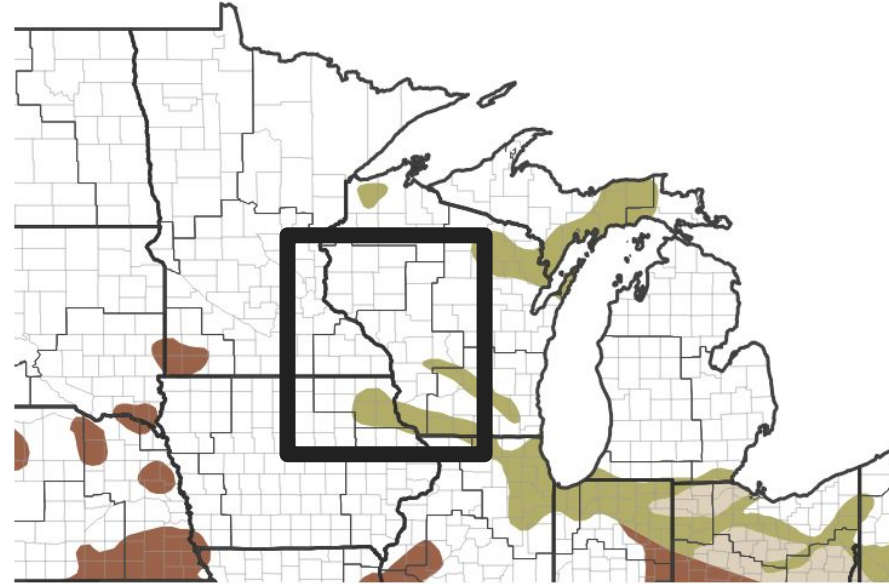


# Drought Outlook

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

- Through the end of the year, the **D1 (Moderate Drought)** to **D2 (Severe) Drought** is expected to improve along and south of Interstate 90.

## Seasonal (3-Month) Drought Outlook for September 19, 2024–December 31, 2024



Drought Is Predicted To...



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

Last Updated: 09/19/24

