



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

Valid October 8, 2024

Issued By: WFO La Crosse, WI

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- 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**



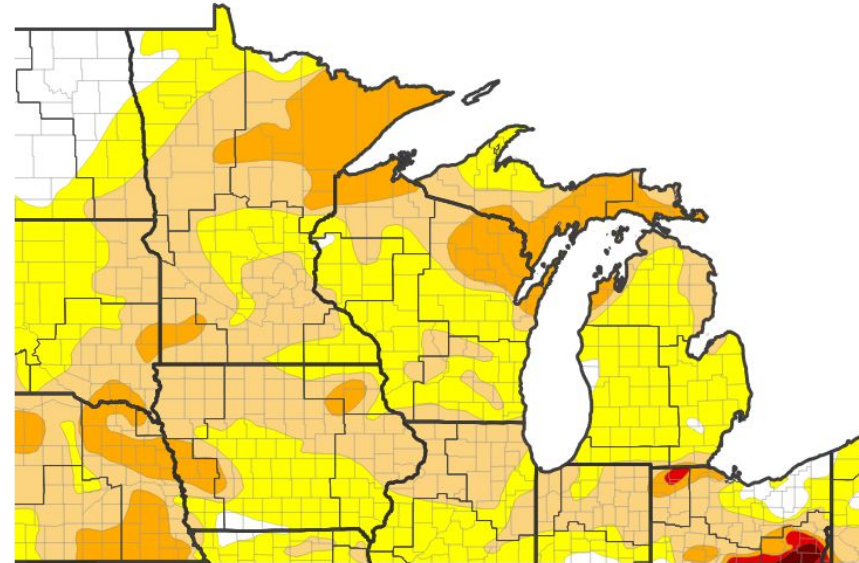


# U.S. Drought Monitor

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

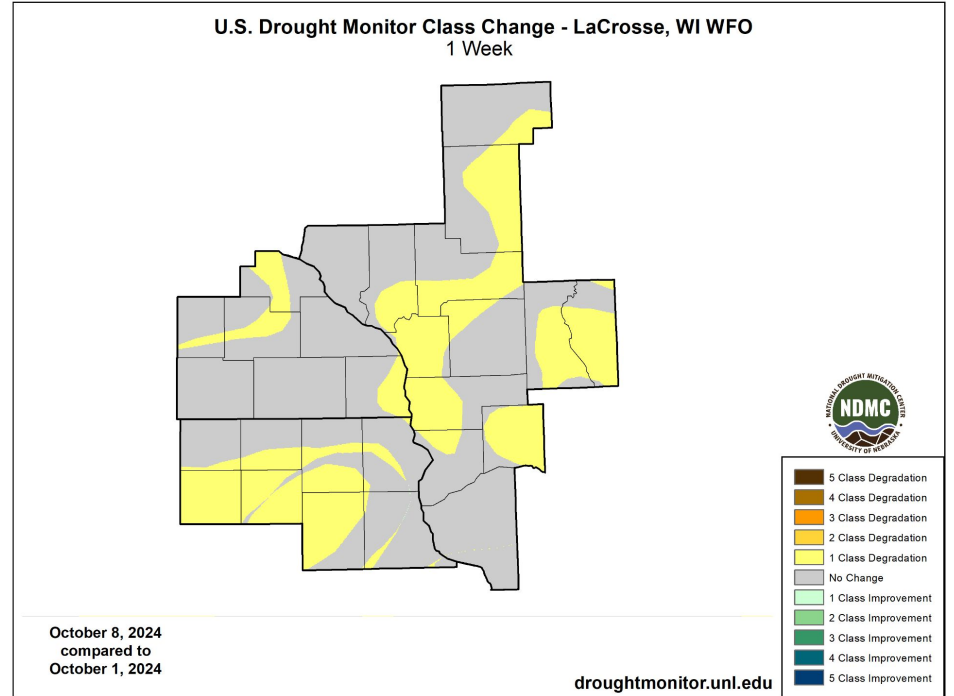




# Recent Change in Drought Intensity

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.

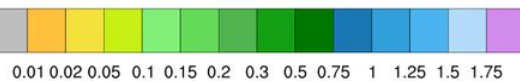
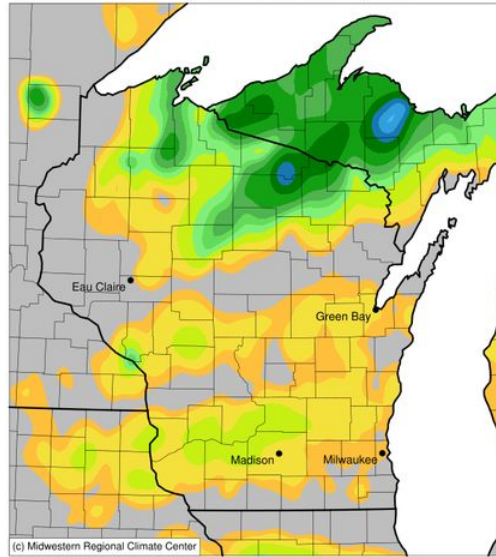




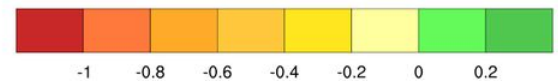
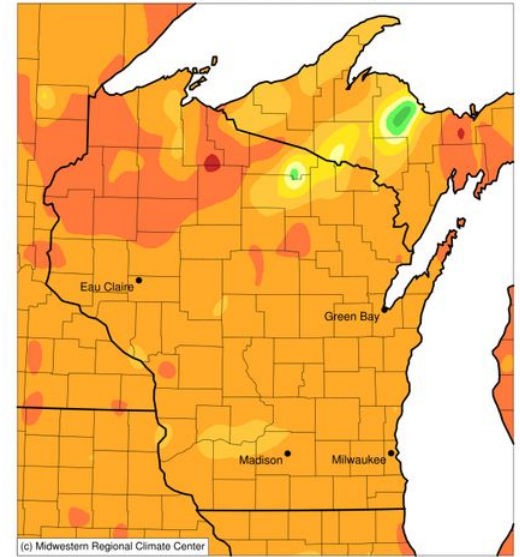
# Precipitation

- 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".



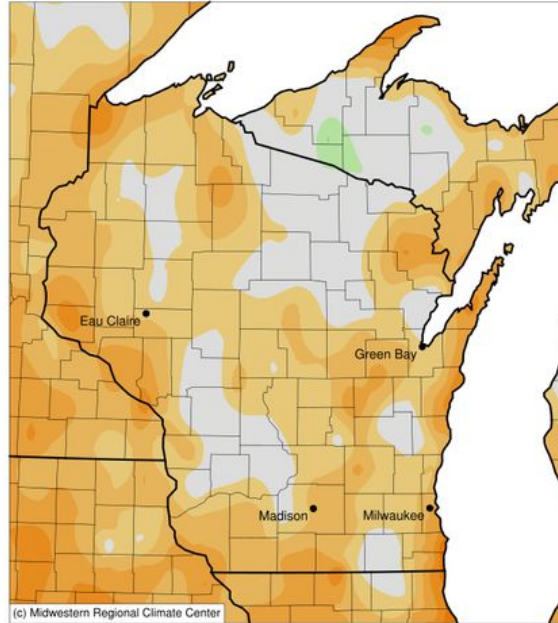


# Temperature

- 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.

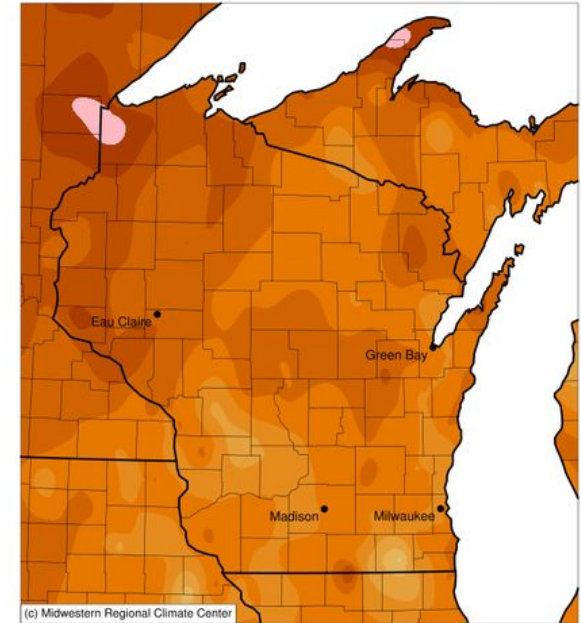
Average Temperature (°F): Departure from 1991-2020 Normals

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

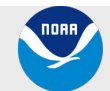
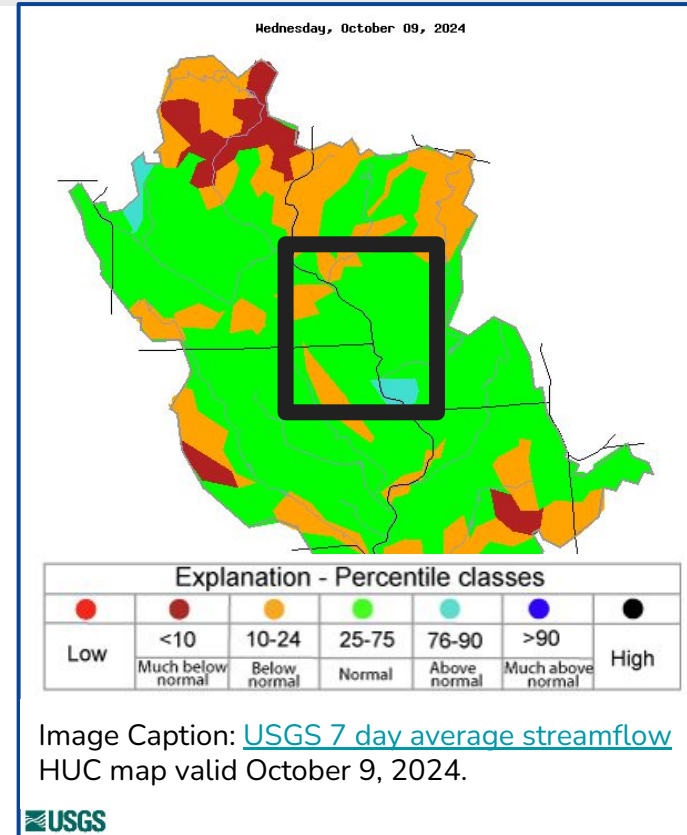
- No known actions are taking place in northeast Iowa, southeast Minnesota, and western Wisconsin.





# Hydrologic Conditions and Impacts

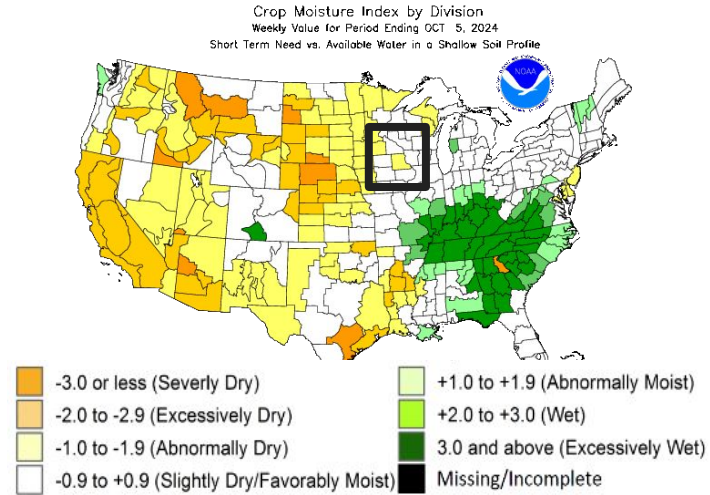
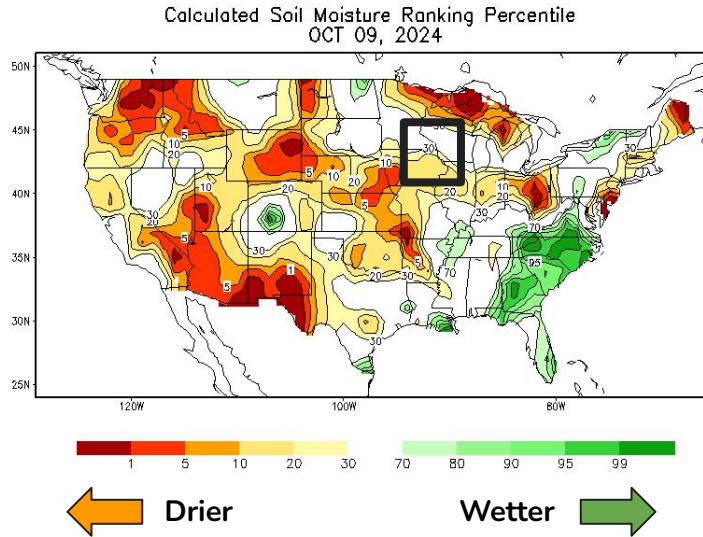
- From October 2 through October 8, rainfall totals ranged from no rain to 0.33” at Trempealeau Dam 6, WI (COOP).
- Normally, around 1/2" of an inch of rain falls during this time frame.
- As of the morning of October 9, rivers and stream flows range from much-below to normal in western Wisconsin, from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

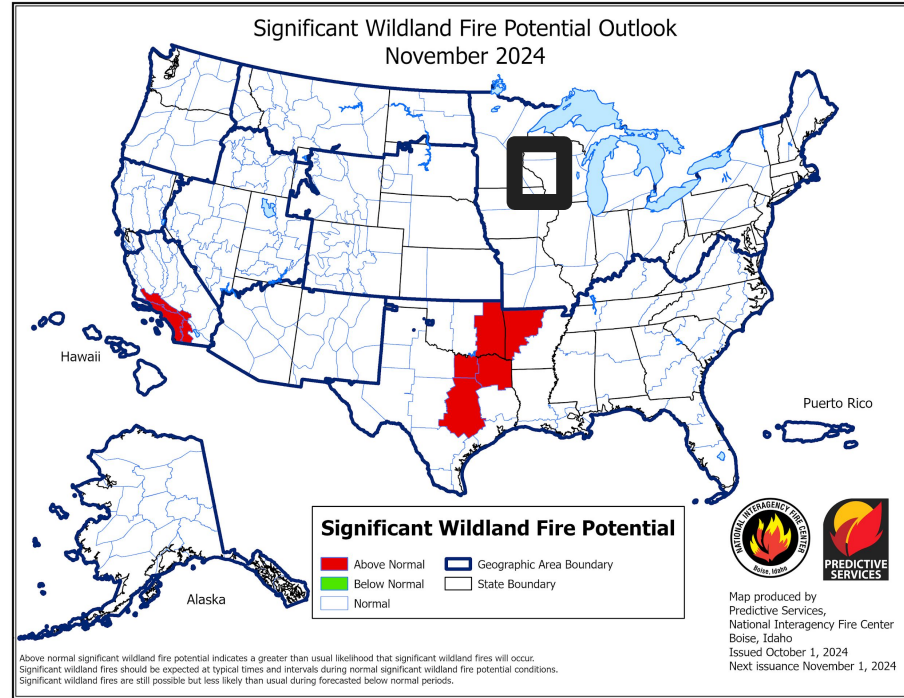
Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

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](#)



Above normal significant wildland fire potential indicates a greater than usual likelihood that significant wildland fires will occur. Significant wildland fires should be expected at typical times and intervals during normal significant wildland fire potential conditions. Significant wildland fires are still possible but less likely than usual during forecasted below normal periods.

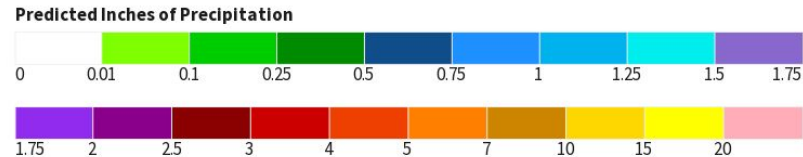
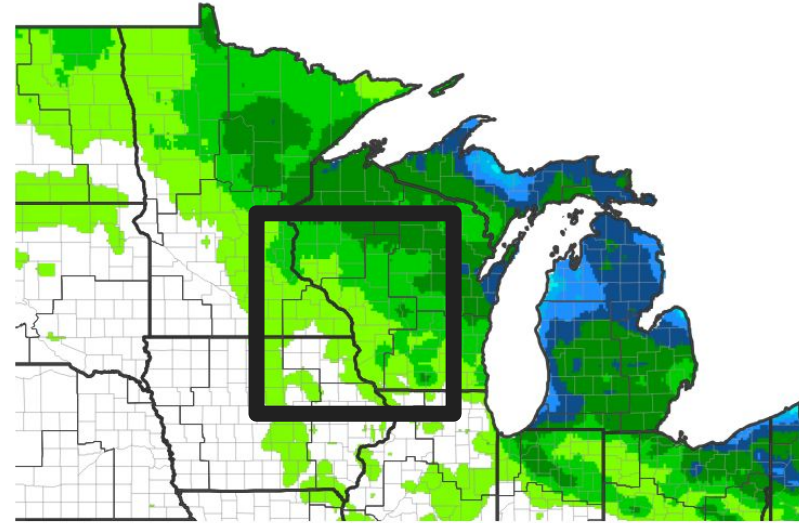




# Seven Day Precipitation Forecast

- From October 10 through October 17, NOAA's Weather Prediction Center (WPC) is forecasting up to a ½" of precipitation. The greatest totals (¼" 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



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



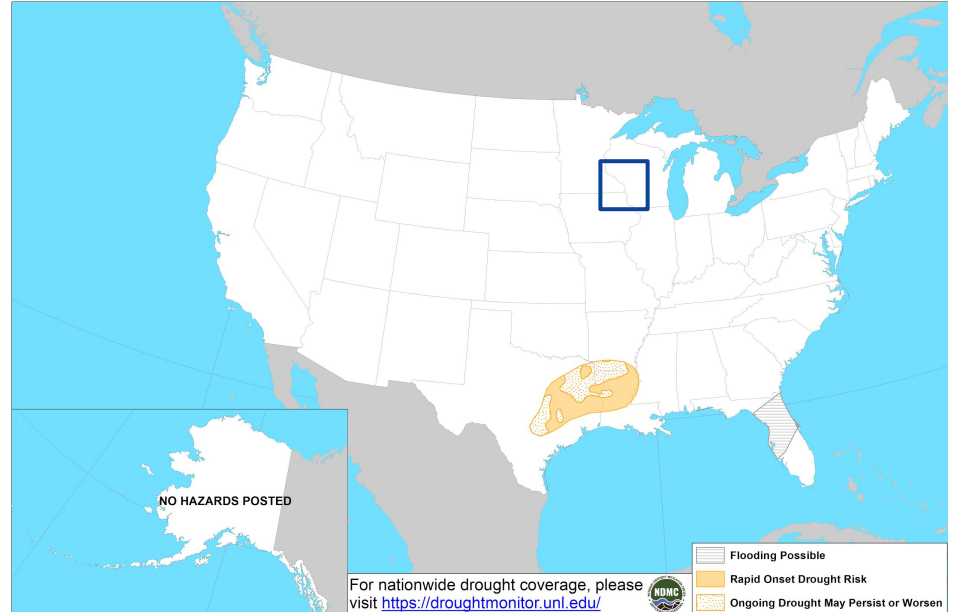
# Rapid Onset Drought Outlook

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)



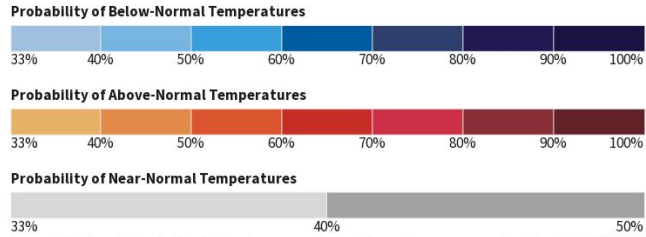
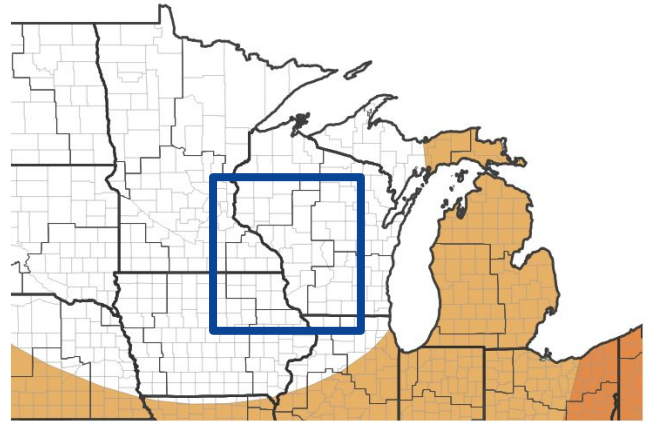


# Long-Range Outlooks

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

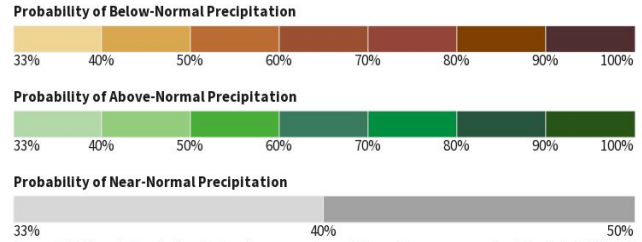
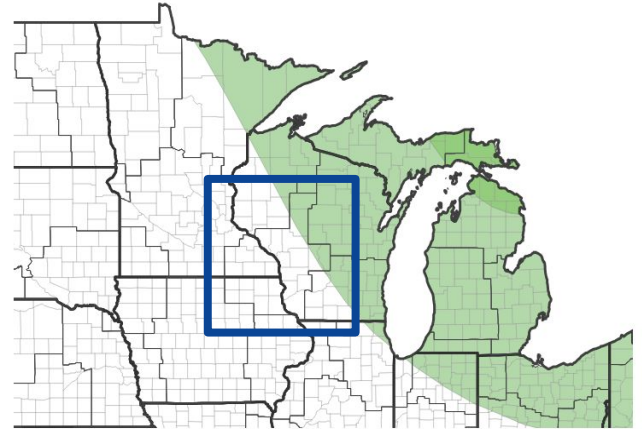
- From October through December 2024, there are equal chances for warmer-, near-, and colder-than-normal temperatures.
- The odds have been shifted slightly toward wetter than normal in north-central & central Wisconsin. Meanwhile, there are equal chances of wetter-, near-, and drier-than-normal elsewhere.

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



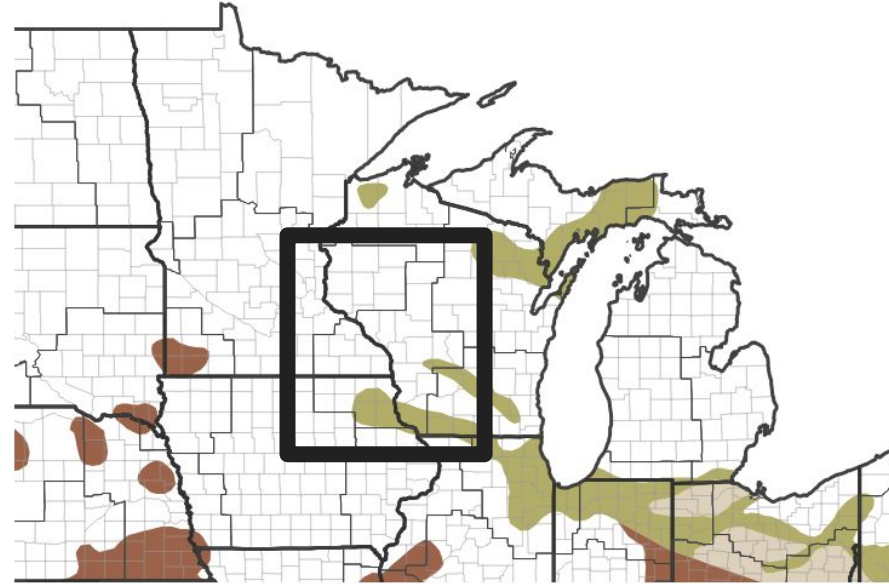


# Drought Outlook

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

