



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

Valid October 1, 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 drought conditions are developing in the area.
- 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.

- **Moderate Drought (D1) continues along and south of Interstate 90**



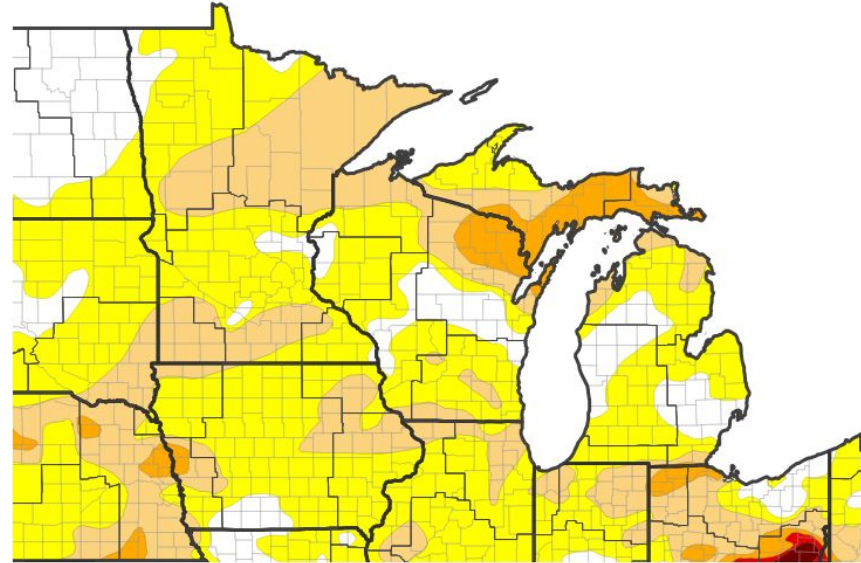


# U.S. Drought Monitor

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

- Drought intensity and Extent
  - **D0 (Abnormally Dry) & D1 (Moderate Drought)** continues along and south of Interstate 90.

## U.S. Drought Monitor



## U.S. Drought Monitor



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

Data Valid: 10/01/24

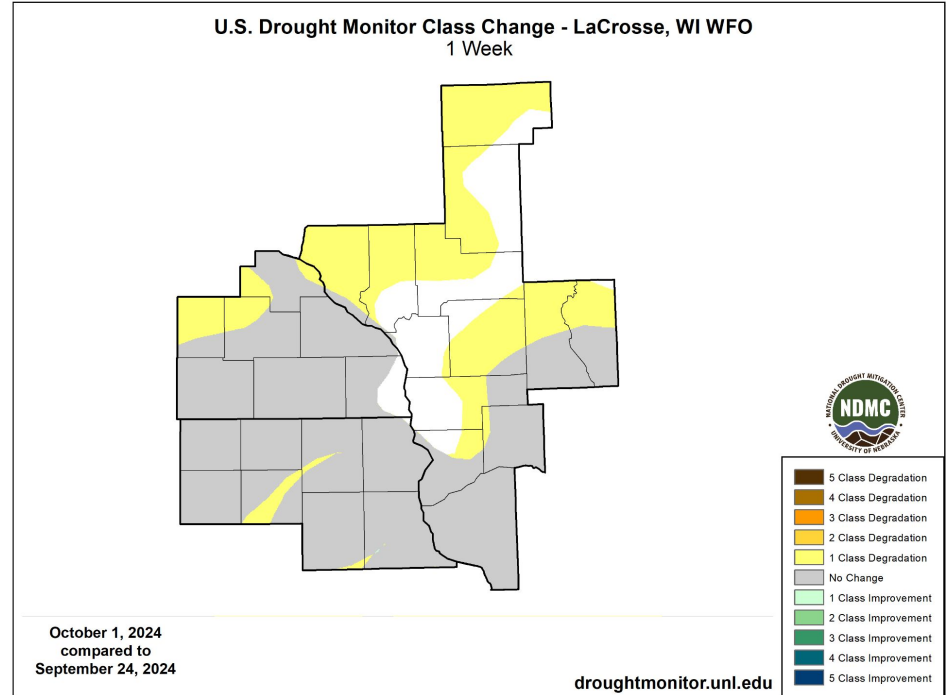




# Recent Change in Drought Intensity

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

- 1-Week Drought Monitor Class Change.
  - There was a 1-class deterioration from **D0 (Abnormally Dry)** to **D1 (Moderate Drought)** in Dodge, Olmsted, and Wabasha counties in southeast Minnesota.
  - **D0 (Abnormally Dry)** was added or expanded north of Interstate 90 in Wisconsin.

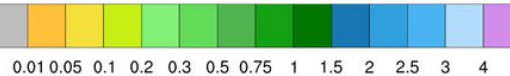
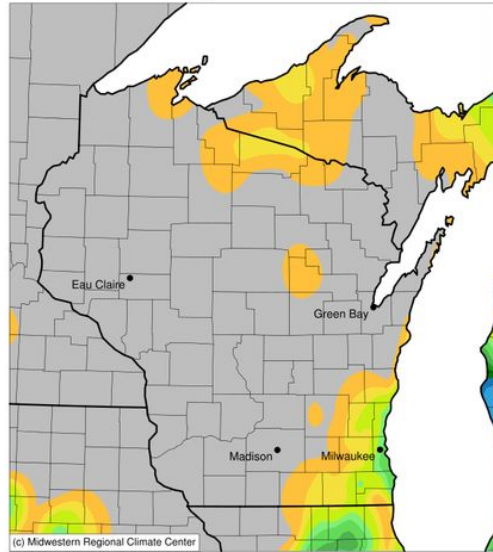




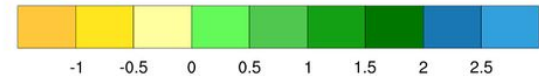
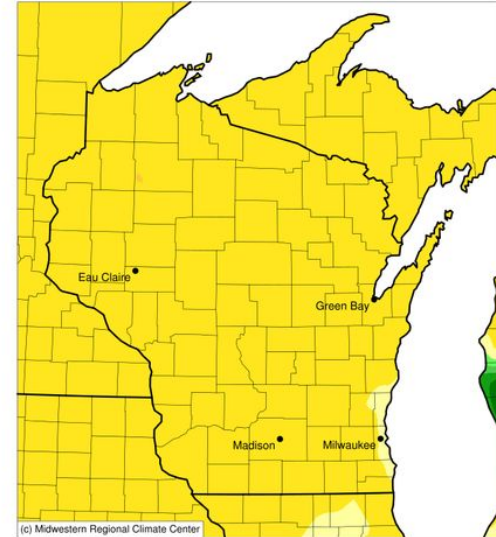
# Precipitation

- From September 25 through October 1, most areas received no rain. The greatest rain total was 0.01" near Muscoda, WI; Waltham, MN; and Winona, MN.
- Normally, around 3/4" of an inch of rain falls during this time frame.

**Accumulated Precipitation (in)**  
September 25, 2024 to October 01, 2024



**Accumulated Precipitation (in): Departure from 1991-2020 Normals**  
September 25, 2024 to October 01, 2024



- Since mid-July, areas along and south of Interstate 90 have seen rainfall deficits anywhere from 2 to 8".

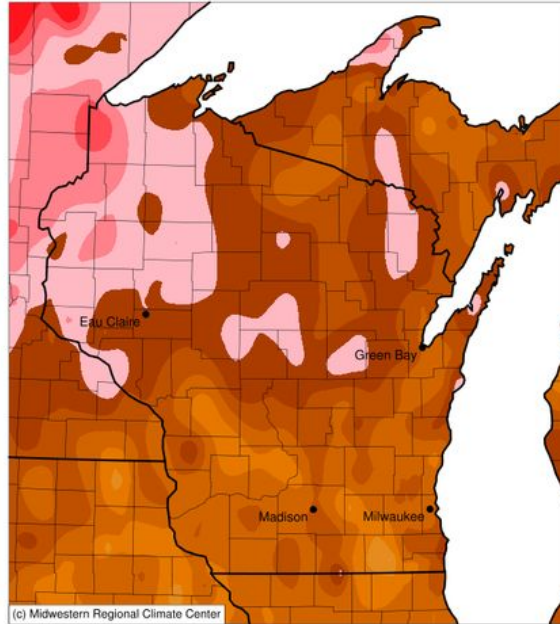




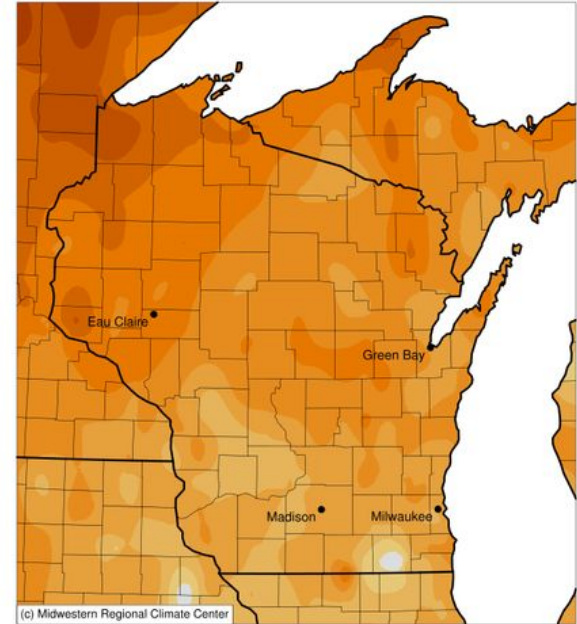
# Temperature

- During the past week (September 25 to October 1), average temperatures ranged from 5°F to 10°F warmer than normal.
- During the past month (September 1 through October 1), average temperatures ranged from 2°F to 5°F warmer than normal.
- Rochester had their 4th warmest September & La Crosse had their 8th warmest September

**Average Temperature (°F): Departure from 1991-2020 Normals**  
September 25, 2024 to October 01, 2024



**Average Temperature (°F): Departure from 1991-2020 Normals**  
September 01, 2024 to October 01, 2024





# Summary of Impacts

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

## Hydrologic Impacts

- A few rivers & streams are running lower than normal.

## Agricultural Impacts

- Some producers in Iowa and Minnesota have had to begin hauling water to cattle. Topsoil & subsoil moisture continue to decline. Harvesting is occurring 2 to 4 days ahead of the 5-year average. Finally, there has been a few combine fires.

## Fire Hazard Impacts

- There is moderate to high fire danger in southeast Minnesota, moderate fire danger in western Wisconsin, and low fire danger in northeast Iowa.

## 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.

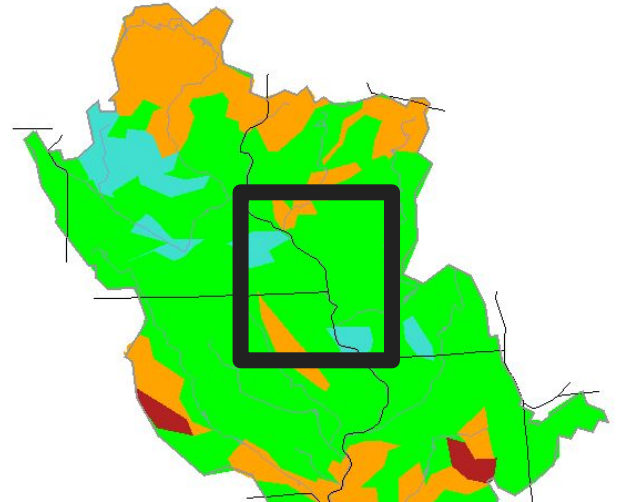




# Hydrologic Conditions and Impacts

- From September 25 through October 1, most areas received no rain. The greatest rain total was 0.01” near Muscoda, WI; Waltham, MN; and Winona, MN.
- Normally, around 3/4" of an inch of rain falls during this time frame.
- Since mid-July, areas along and south of Interstate 90 have seen rainfall deficits anywhere from 2 to 8”.
- As of the morning of October 2, most rivers and stream flows were near-normal. A few rivers were running lower than normal. This includes Bloody Run Creek near Marquette, IA (29% of normal) & the Yellow River at Necedah, WI (45% of normal).

Mesnesday, October 02, 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	

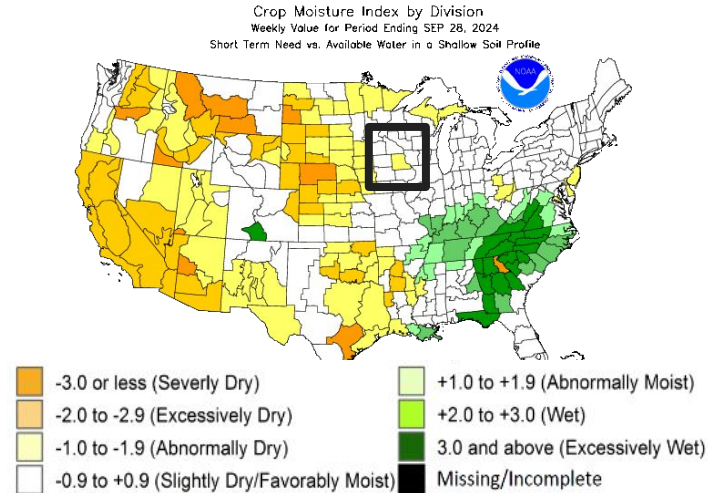
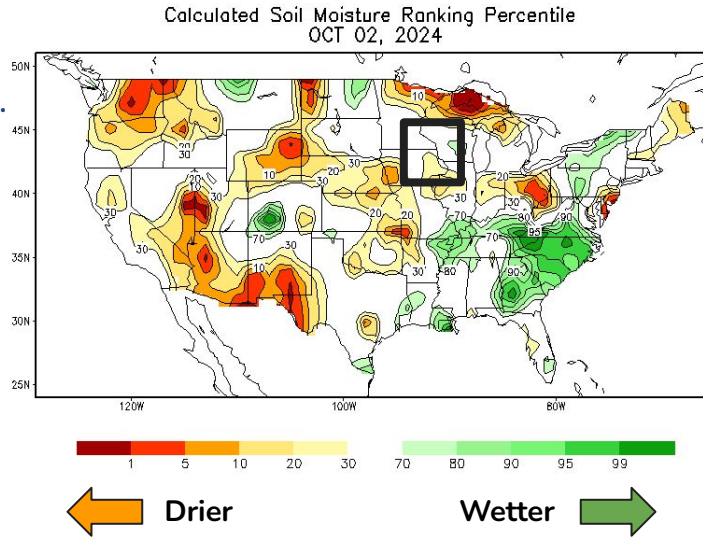
Image Caption: [USGS 7 day average streamflow HUC map](#) valid October 2, 2024.





# Agricultural Impacts

- Since mid-July, soils have been gradually drying along and south of Interstate 90.
- Some producers in Iowa and Minnesota have had to begin hauling water to cattle.
- Topsoil & subsoil moisture continue to decline.



For more details:

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





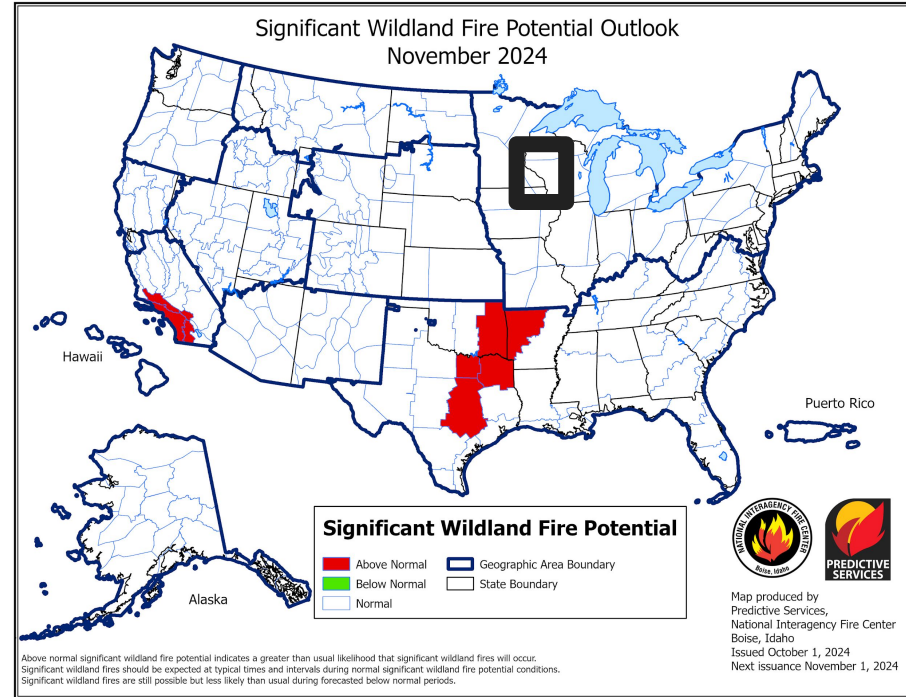


# Fire Hazard Impacts

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

As of the morning of October 1, 2024...

- there was moderate to high (fires spread at a moderate to high rate) fire danger in southeast Minnesota, moderate fire danger (fires spread at a moderate rate) in western Wisconsin, and low (fires spread at a low rate) fire danger in northeast Iowa.



For updated DNR Fire Conditions consult the following Web Sites:

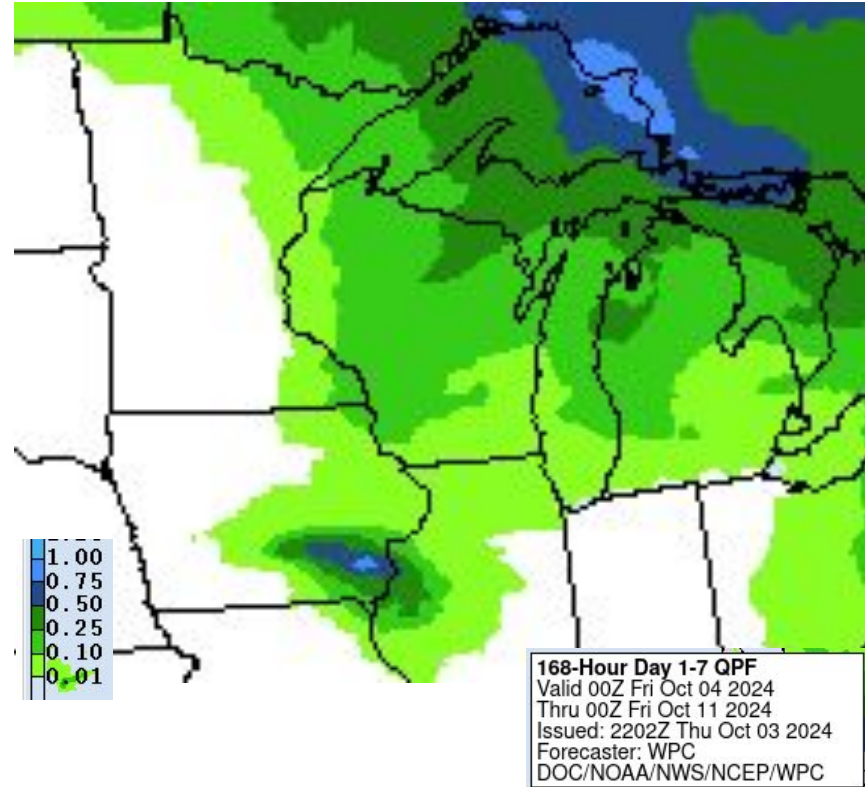
- [Iowa](#)
- [Minnesota](#)
- [Wisconsin](#)





# Seven Day Precipitation Forecast

- From October 4 through October 11, NOAA's Weather Prediction Center (WPC) is forecasting up to a quarter inch of measurable rain for northeast Iowa, southeast Minnesota, and western Wisconsin.
- Normal precipitation is around 0.7" for this time period.





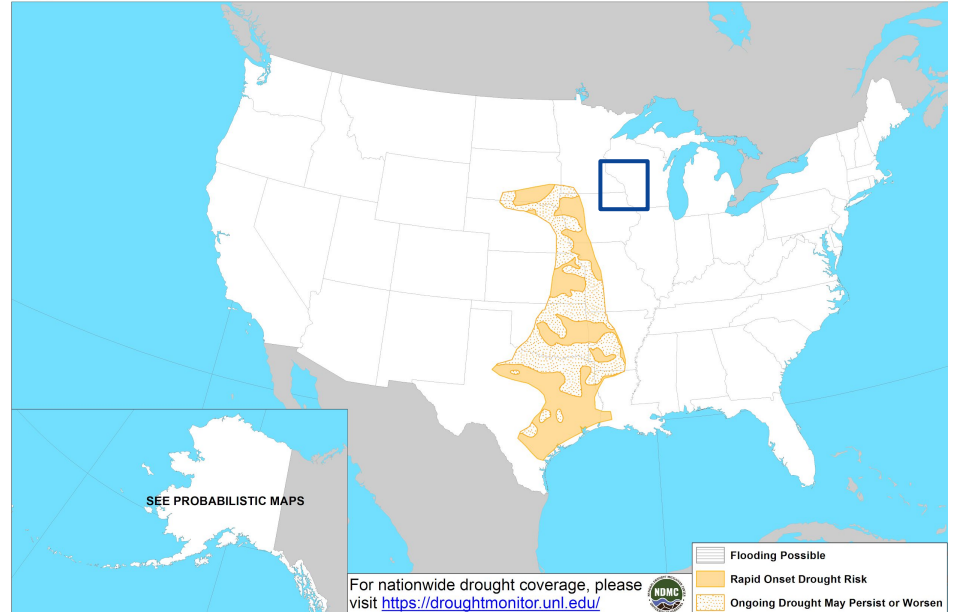
# Rapid Onset Drought Outlook

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

- From October 11 through October 17, 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: 10/11/2024-10/17/2024



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



Climate Prediction Center  
Made: 10/03/2024 3PM EDT

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



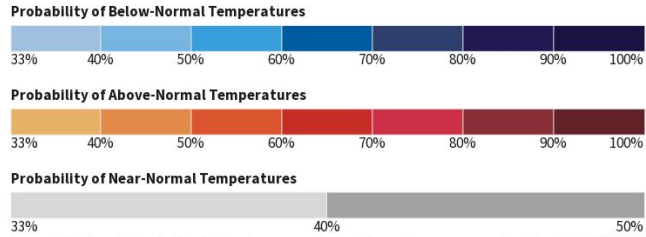
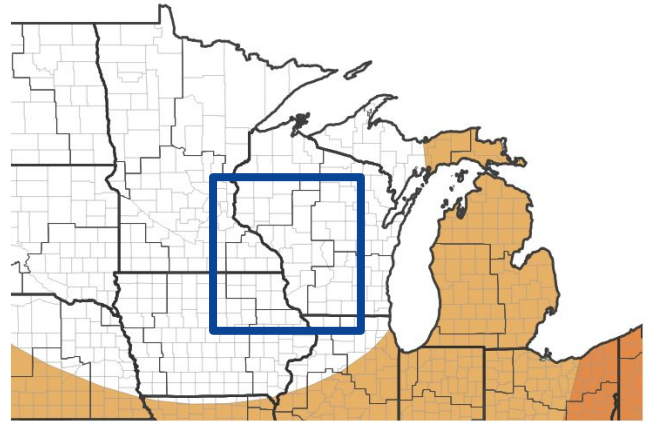


# Long-Range Outlooks

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

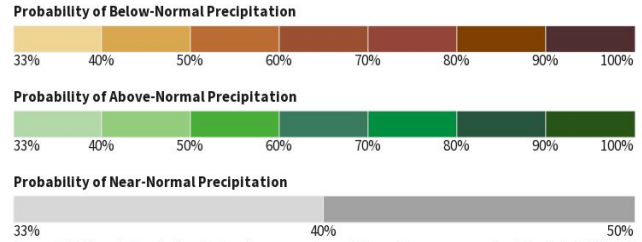
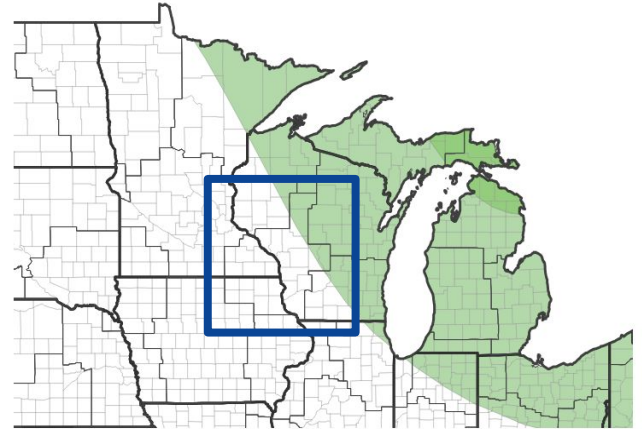
- From October through December 2024, there are equal chances for warmer-, near-, and colder-than-normal temperatures.
- The odds have been shifted slightly toward wetter than normal in north-central & central Wisconsin. Meanwhile, there are equal chances of wetter-, near-, and drier-than-normal elsewhere.

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



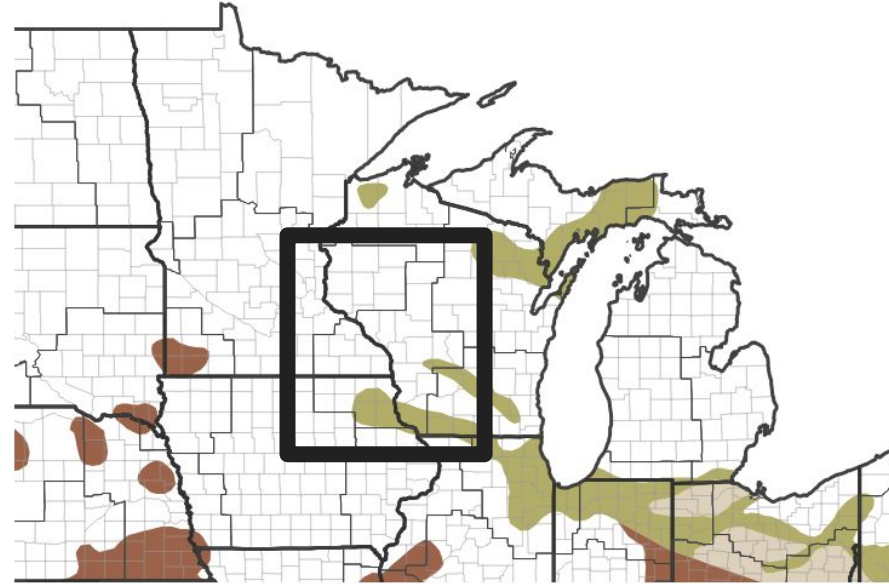


# Drought Outlook

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

- Through the end of the year, the **D1 (Moderate Drought)** 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

