



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

Valid May 16, 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 May 23, 2024 or sooner if drought conditions change significantly.
  - 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.
- 
- There were no changes in the drought during the past week.



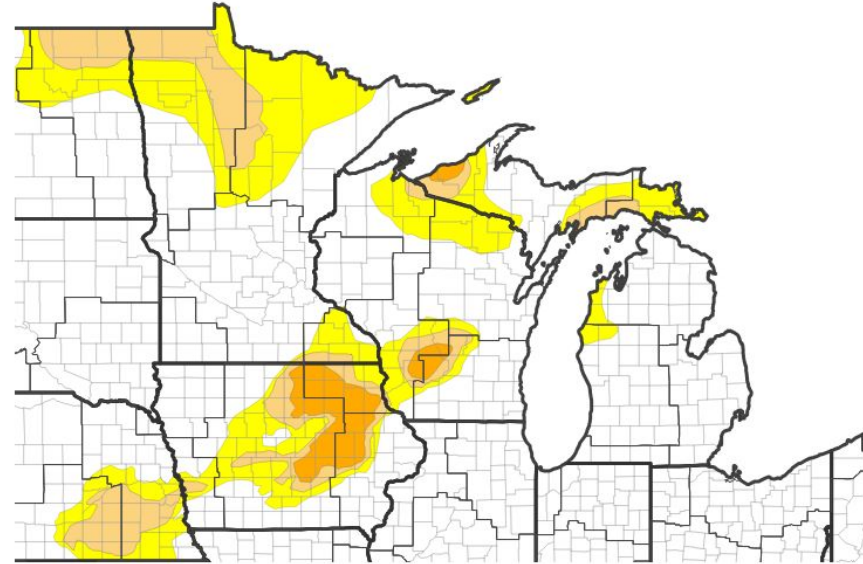


# U.S. Drought Monitor

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

- Drought intensity and Extent
  - **D0: (Abnormally Dry) to D2 (Severe Drought)**: South of Interstate 90 in northeast Iowa and southwest Wisconsin.
  - **D0: (Abnormally Dry) to D1 (Moderate Drought)**: Southeast Minnesota.
  -

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 05/14/24



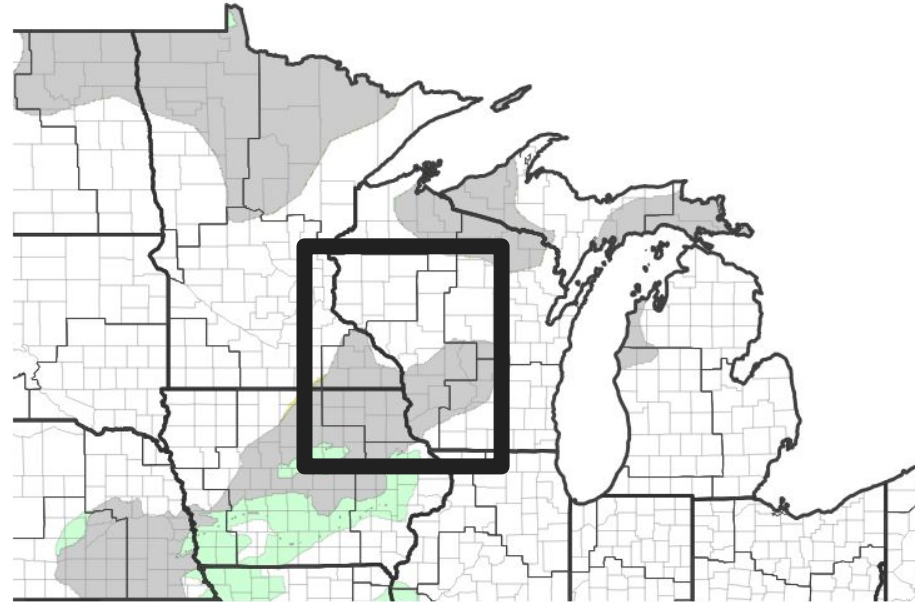


# Recent Change in Drought Intensity

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 no change in the drought for NWS La Crosse, WI Hydrologic Service Area (HSA).

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: 05/14/24

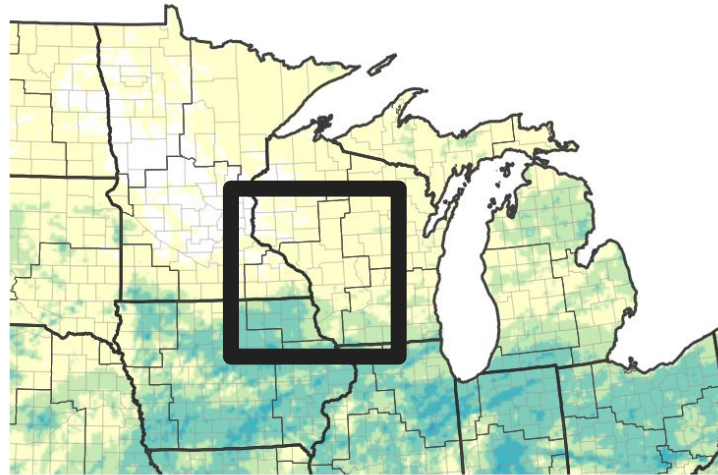




# Precipitation

- From May 8 through May 14, rainfall totals ranged from 0" near Mantorville, MN to 3.95" near Warrens, WI.
- Normally, around 0.9" of precipitation falls during this period.
- The heaviest rainfall fell in areas which were not either abnormally dry (D0) or in drought (D1-D2).

NWPS 7-Day Precipitation Accumulations (inches)



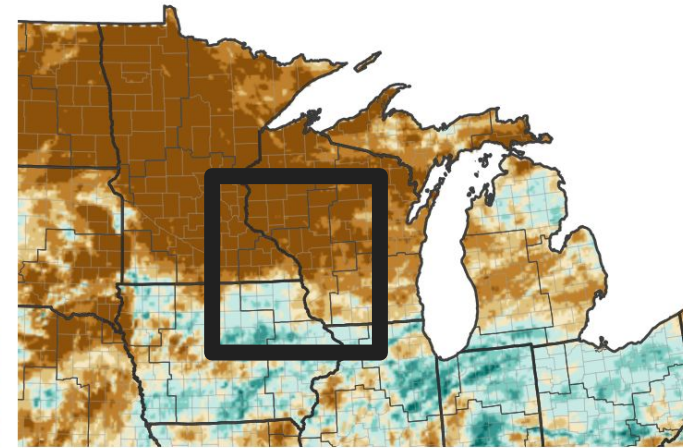
Inches of Precipitation



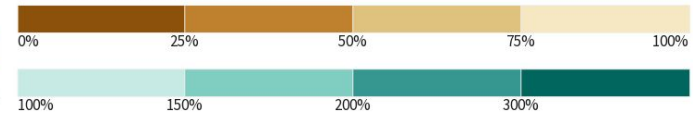
Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov

Data Valid: 05/15/24

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: 05/15/24

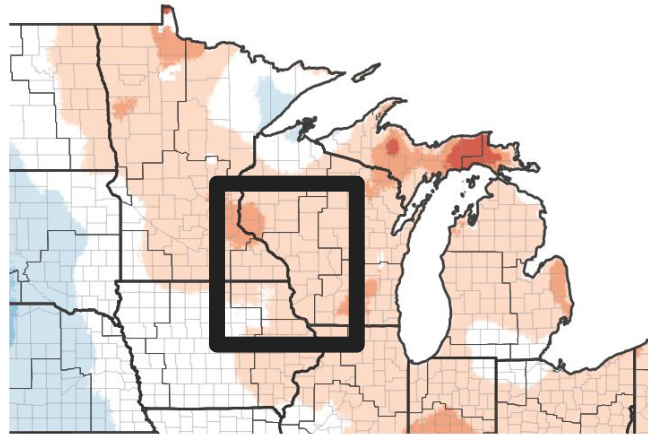




# Temperature

- During the past week (May 8 through May 14), maximum temperatures ranged from 1°F to 3°F warmer than normal to normal.
- During the past month (April 15 through May 14), maximum temperatures ranged from 1°F to 4°F warmer than normal.

7-Day Temperature Anomaly



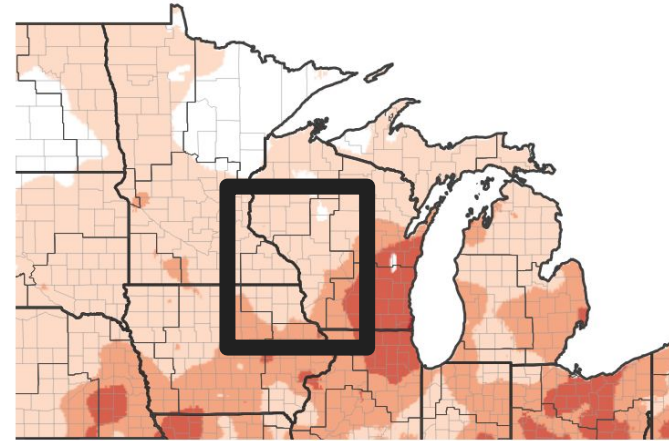
Departure from Normal Max Temperature (°F)



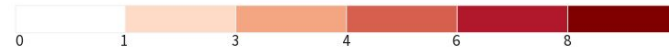
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 05/11/24

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: 05/12/24





# 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

- There are no known impacts at this time.

## Other Impacts

- There are no known impacts at this time.

## Mitigation Actions

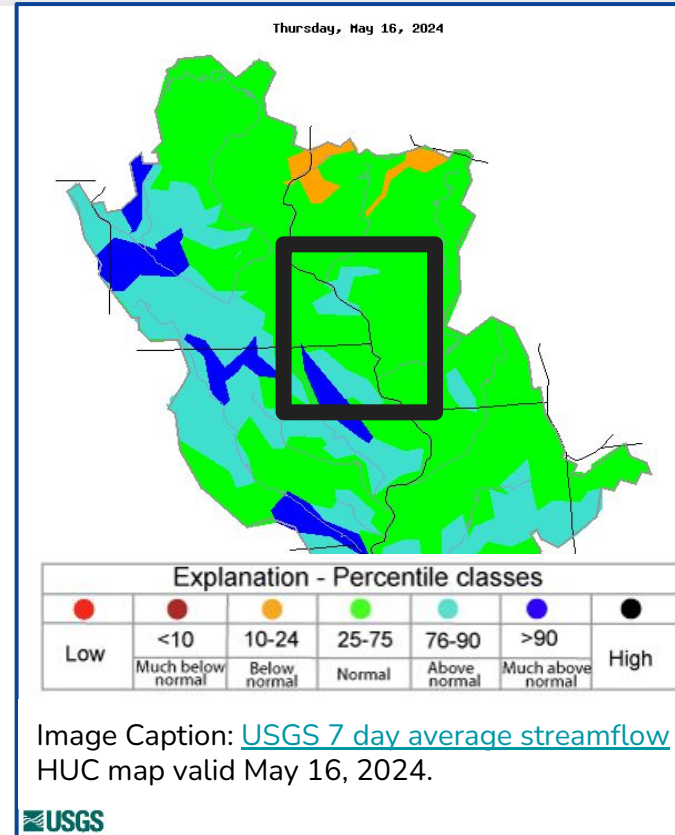
- There is a Drought Watch for Region 3 in northeast Iowa. For more information, see the [Iowa Drought Plan](#).





# Hydrologic Conditions and Impacts

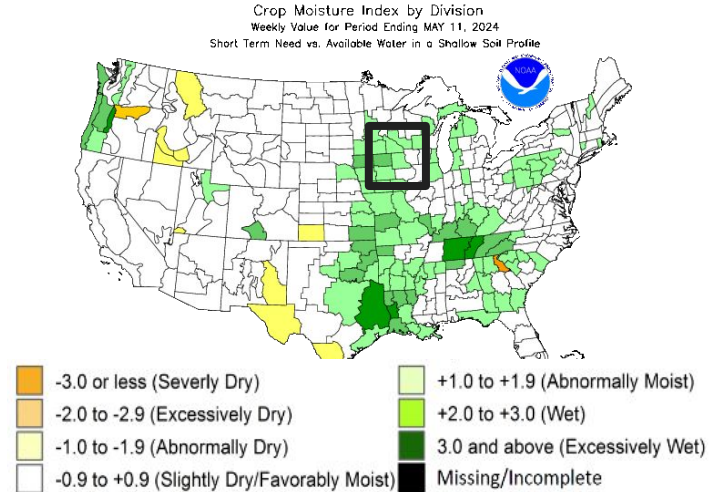
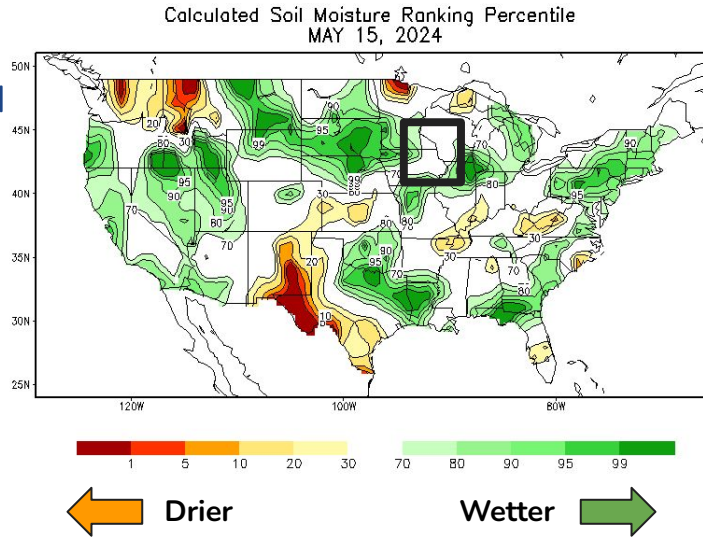
- From May 8 through May 14, rainfall totals ranged from 0" near Mantorville, MN to 3.95" near Warrens, WI.
- Normally, around 0.9" of precipitation falls during this period.
- The heaviest rainfall fell outside of the abnormally dry (D0) and drought (D1 to D2) areas.
- As of the morning of May 14, rivers and stream flows range from normal to much above normal in northeast Iowa, from normal to above normal in southeast Minnesota, and from central to western Wisconsin.





# Agricultural Impacts

- Due to precipitation during the past 2 months, top soil moisture has returned to normal for northeast Iowa, southeast Minnesota, and western 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 May 14, 2024...

- Fire danger was high (fires start easily and spread at a high rate) fire danger in Dodge and Mower counties in southeast Minnesota, and Adams County in central Wisconsin.
- Moderate (fires start easily and spread at a moderate rate) fire danger was found in Fillmore, Houston, Olmsted, Wabasha, and Winona counties in southeast Minnesota, and Clark, Jackson, Juneau, Monroe, and Taylor counties in western Wisconsin.



For updated DNR Fire Conditions consult the following Web Sites:

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

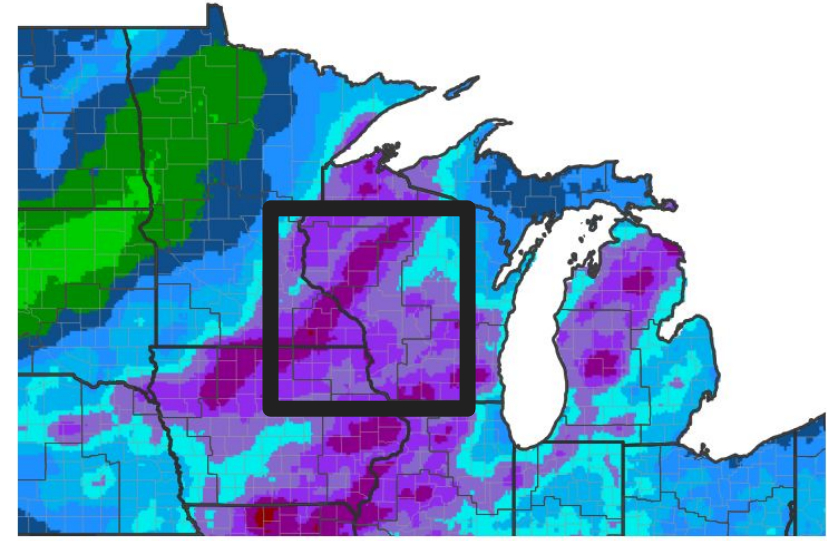




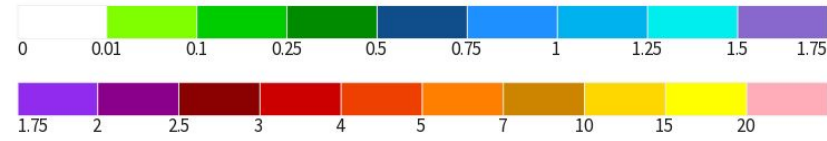
# Seven Day Precipitation Forecast

- From May 16 through May 23, the Weather Prediction Center (WPC) is forecasting 1.75 to 2.5” across the area.
- Normal precipitation is around 1.2” for this time period.

## 7-Day Quantitative Precipitation Forecast



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Data Valid: 05/16/24





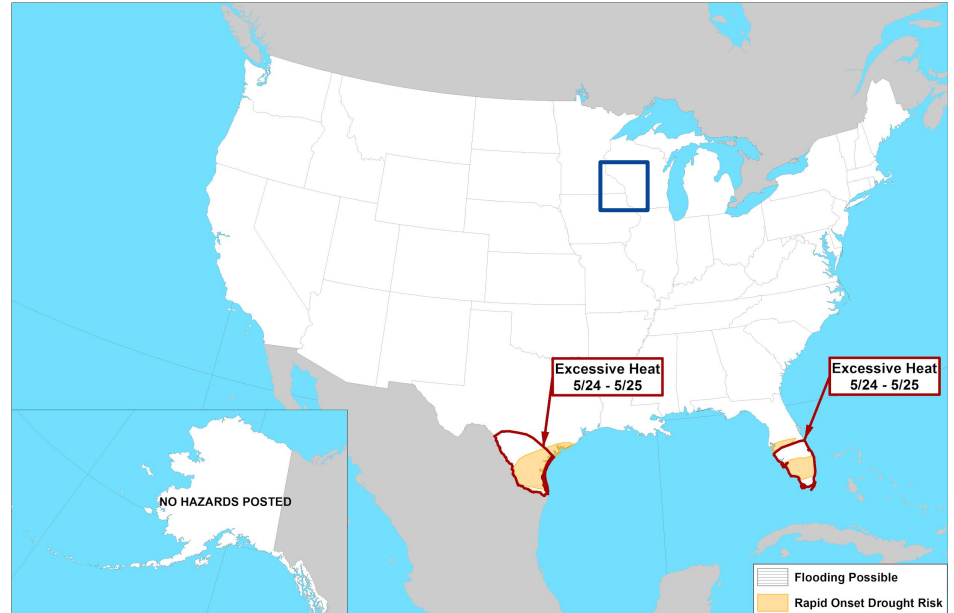
# Rapid Onset Drought Outlook

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

- From May 24-30, rapid onset drought (at least a 2-category degradation) is not expected.



Day 8-14 U.S. Hazards Outlook  
Valid: 05/24/2024-05/30/2024



Climate Prediction Center  
Made: 05/16/2024 3PM EDT

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



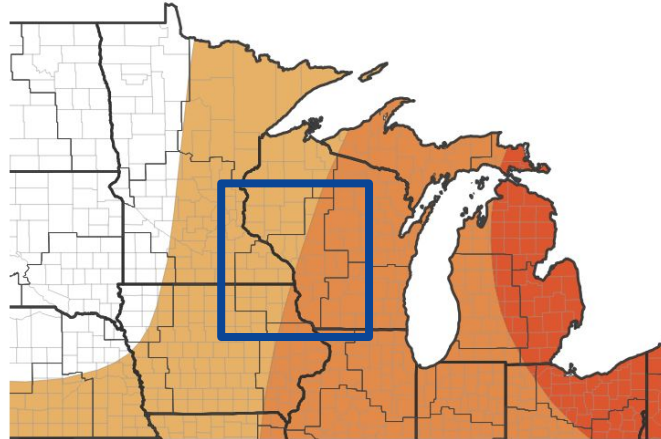


# Long-Range Outlooks

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

- From June through August, there is enhanced chances for warmer-than-normal temperatures.
- Meanwhile, there are equal chances of wetter-, near-, and drier-than-normal.

### Seasonal (3-Month) Temperature Outlook



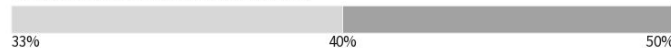
#### Probability of Below-Normal Temperatures



#### Probability of Above-Normal Temperatures



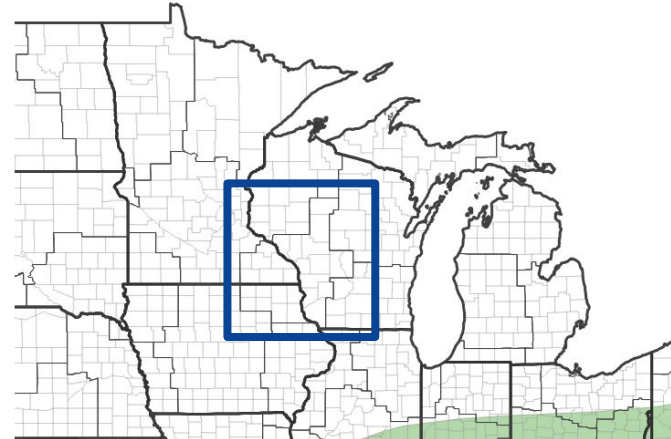
#### Probability of Near-Normal Temperatures



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

Data Valid: 04/18/24

### Seasonal (3-Month) Precipitation Outlook



#### 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

Data Valid: 04/18/24



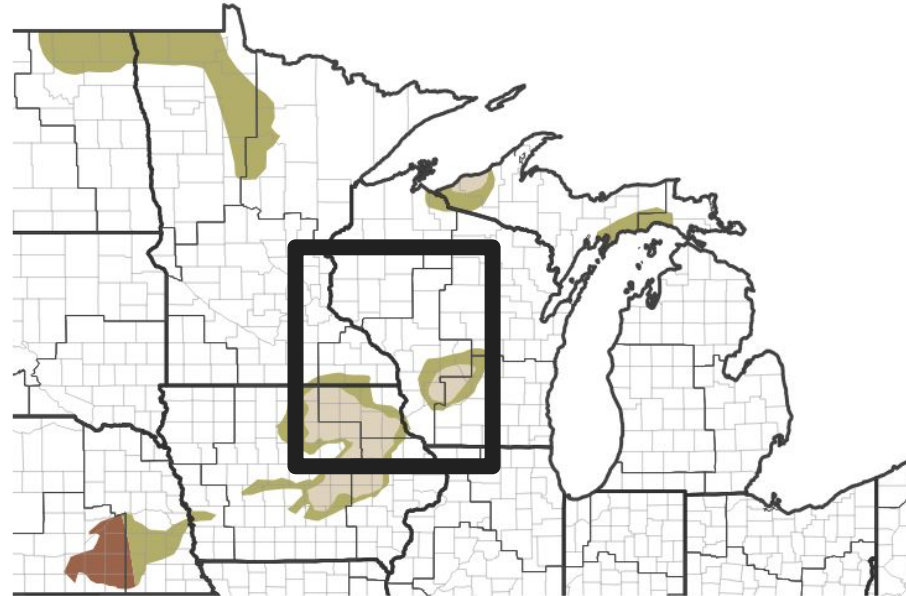


# Drought Outlook

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

- According to the latest U.S. Seasonal Drought Outlook (May 16 through August 31), the drought is expected to improve along and south of Interstate 90.

## Seasonal (3-Month) Drought Outlook



### Drought Is Predicted To...



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

Data Valid: 05/16/24

