



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

Valid May 30, 2024

Issued By: WFO La Crosse, WI

Contact Information: 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.

- **The 2023-24 Drought Comes to an End**



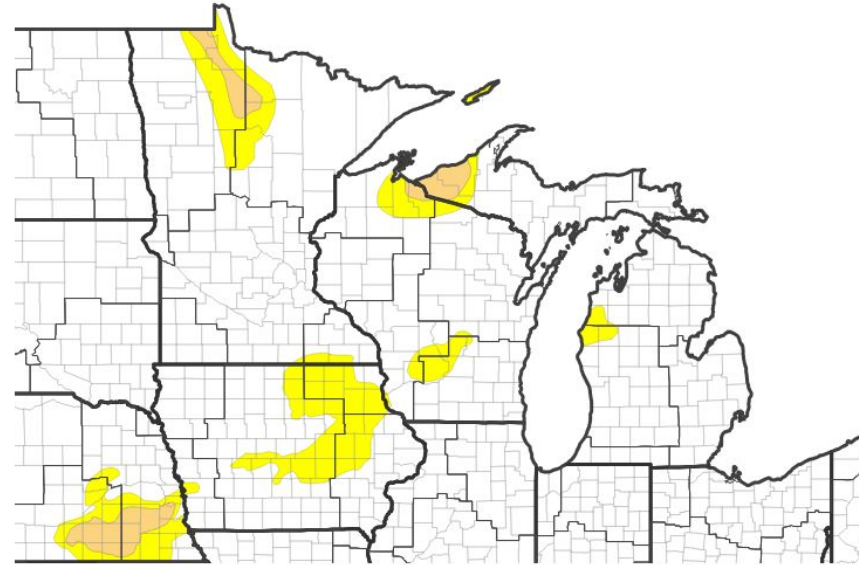


U.S. Drought Monitor

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

- Drought intensity and Extent
 - **D0 (Abnormally Dry)** along and south of Interstate 90.
- This remains due to the large deficits in the 6 month to 1 year time span.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 05/28/24



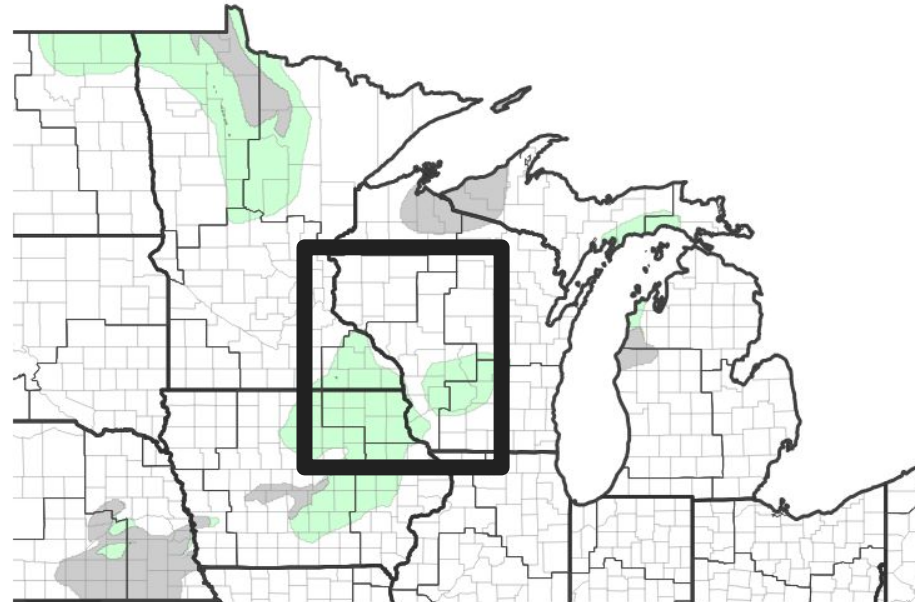


Recent Change in Drought Intensity

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 improvement in the drought across the southern half of the NWS La Crosse, WI Hydrologic Service Area (HSA).
 - There is no longer drought anywhere in the La Crosse Hydrologic Service Area.

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: 05/28/24

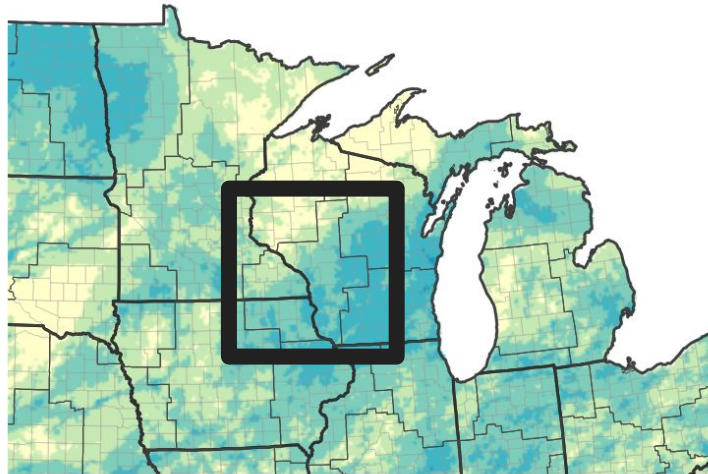




Precipitation

- From May 22 through May 28, rainfall totals ranged from 0.68" at the Winona Municipal Max Conrad Field Airport to 6" near Necedah.
- Normally, around 1" of precipitation falls during this period.
- The heaviest rainfall fell in the abnormally dry (D0) and drought areas.

NWPS 7-Day Precipitation Accumulations (inches)



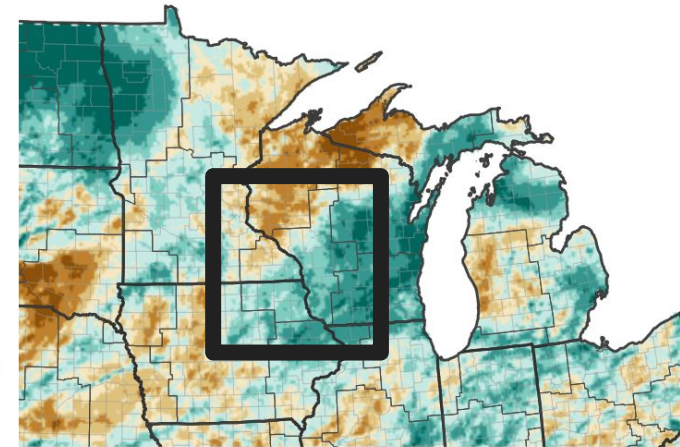
Inches of Precipitation



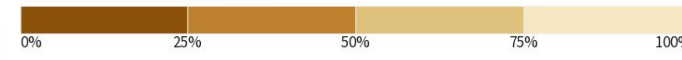
Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov

Data Valid: 05/29/24

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: 05/29/24

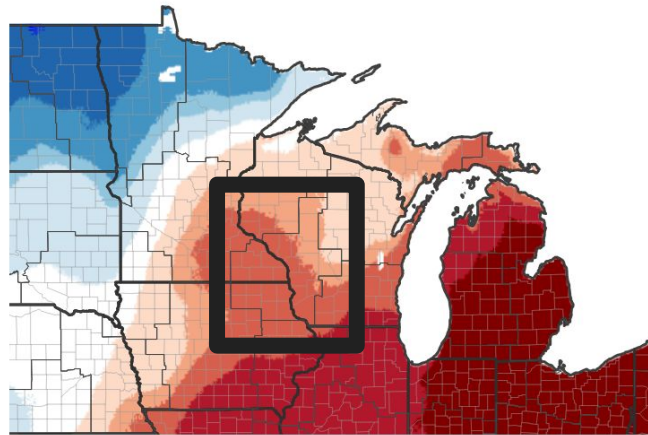




Temperature

- During the past week (May 22 through May 28), maximum temperatures ranged from 1°F to 6°F warmer than normal to normal.
- During the past month (April 29 through May 28), maximum temperatures ranged from 1°F to 4°F warmer than normal.

7-Day Temperature Anomaly



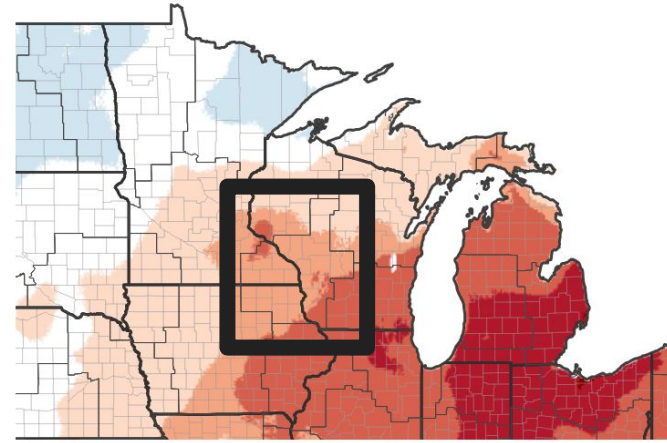
Departure from Normal Max Temperature (°F)



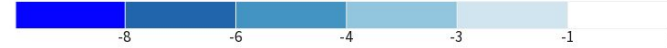
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 05/26/24

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: 05/26/24





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

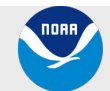
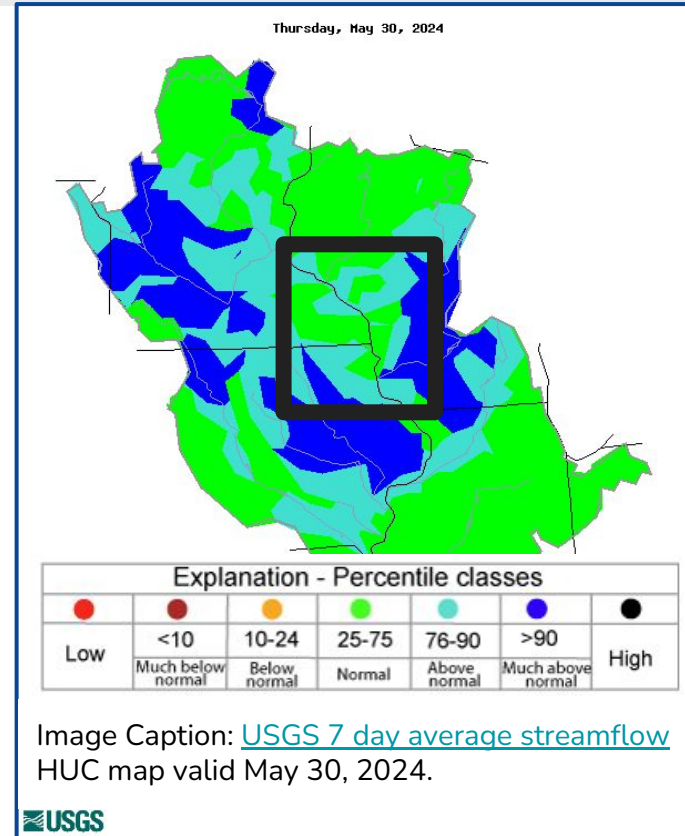
- No known actions are taking place in northeast Iowa, southeast Minnesota, and western Wisconsin.





Hydrologic Conditions and Impacts

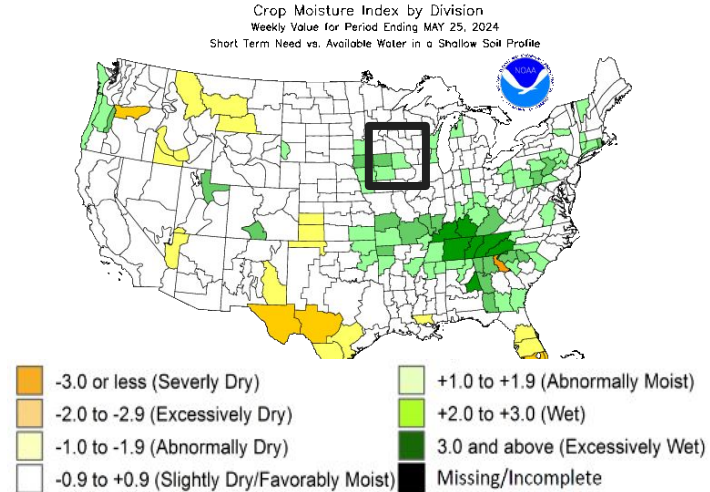
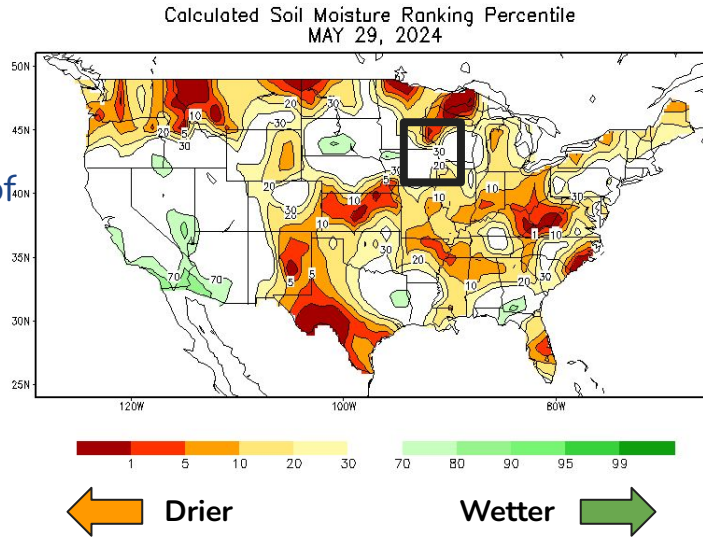
- From May 22 through May 28, rainfall totals ranged from 0.68" at the Winona Municipal Max Conrad Field Airport to 6" near Necedah.
- Normally, around 1" of precipitation falls during this period.
- The heaviest rainfall fell in the abnormally dry (D0) and drought areas. There has been enough precipitation to alleviate the drought along and south of Interstate 90. There is no longer any drought in the La Crosse Hydrologic Service Area.
- As of the morning of May 28, rivers and stream flows range from normal to much above normal in northeast Iowa, southeast Minnesota, and from central to western Wisconsin.





Agricultural Impacts

- Due to precipitation during the past 2 to 3 months, top soil moisture has become wetter than normal across much of the La Crosse Hydrologic Service Area.



For more details:

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



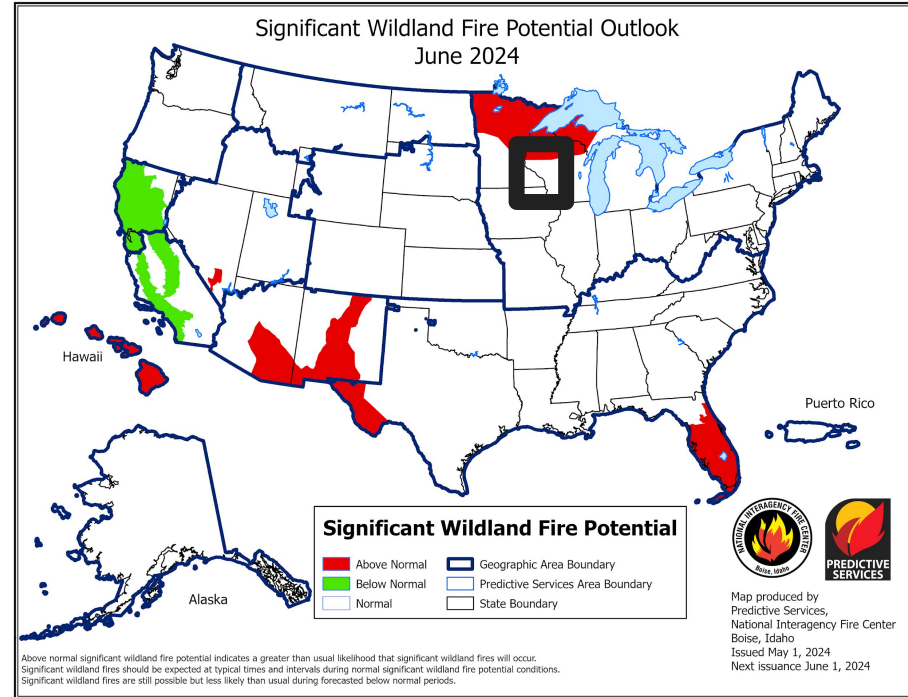


Fire Hazard Impacts

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

As of the morning of May 28, 2024...

- fire danger was low (fires are not easily started)
- fire danger in northeast Iowa, southeast Minnesota, and from southwest into central Wisconsin.



For updated DNR Fire Conditions consult the following Web Sites:

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

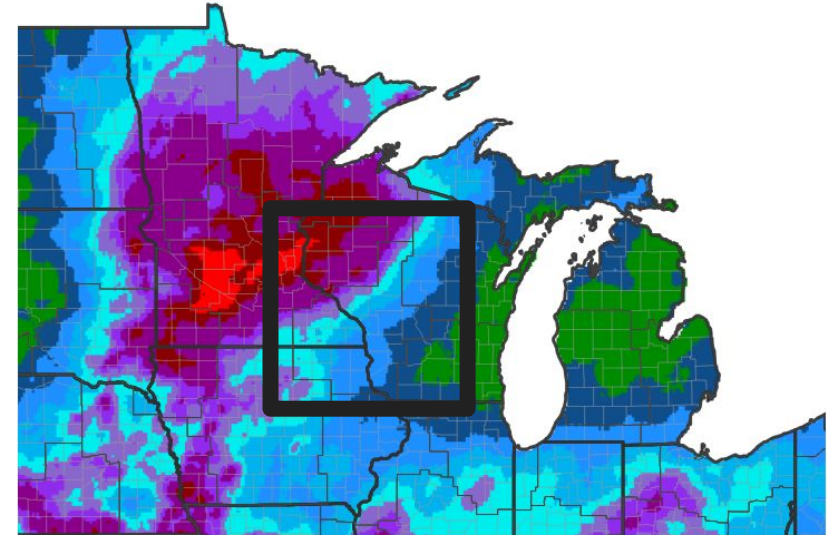




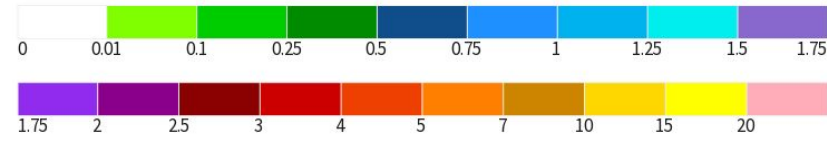
Seven Day Precipitation Forecast

- From May 30 through June 6, the Weather Prediction Center (WPC) is forecasting 0.75" to 2" 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: 05/30/24



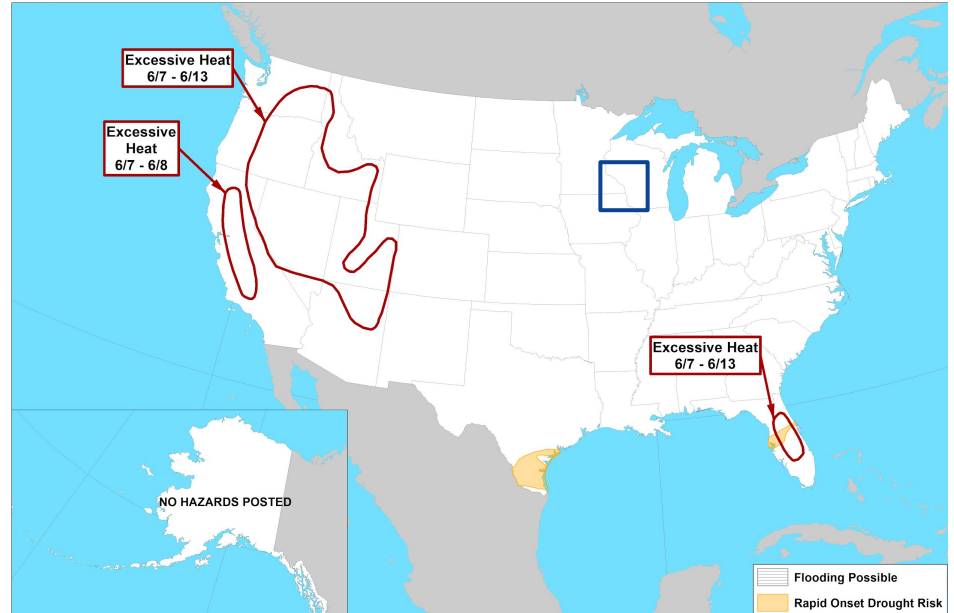
Rapid Onset Drought Outlook

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

- From June 7 through June 13, rapid onset drought (at least a 2-category degradation) is not expected.



Day 8-14 U.S. Hazards Outlook
Valid: 06/07/2024-06/13/2024



Climate Prediction Center
Made: 05/30/2024 3PM EDT

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www.cpc.ncep.noaa.gov



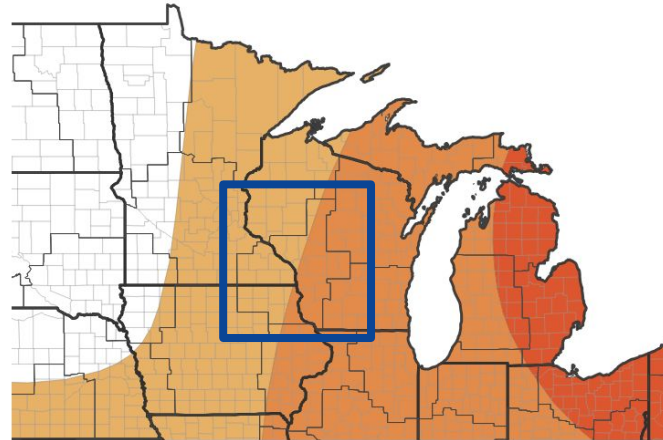


Long-Range Outlooks

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



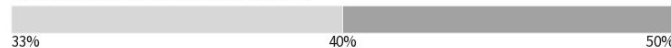
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



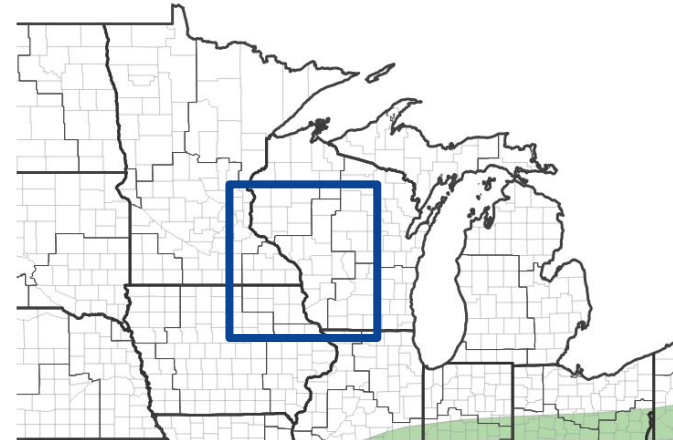
Probability of Near-Normal Temperatures



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

Data Valid: 04/18/24

Seasonal (3-Month) Precipitation Outlook



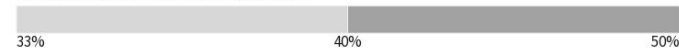
Probability of Below-Normal Precipitation



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



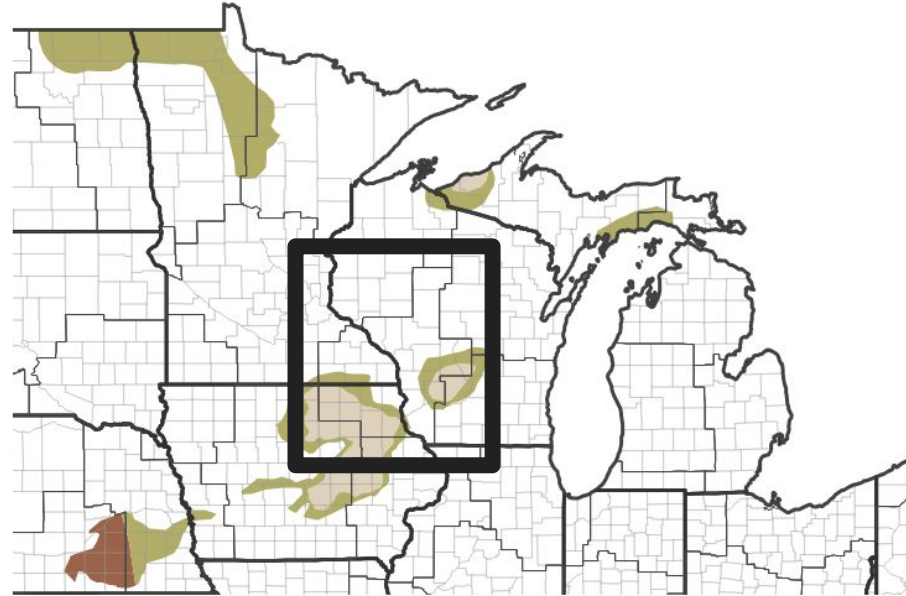


Drought Outlook

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 was expected to improve along and south of Interstate 90, and it did.
- With the above-normal rain during the past 2 weeks and this spring, the drought ended across La Crosse Hydrologic Service Area in late May.

Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



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

Data Valid: 05/16/24

