



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

Valid September 17, 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.

- **Moderate Drought (D1) develops south of Interstate 90**



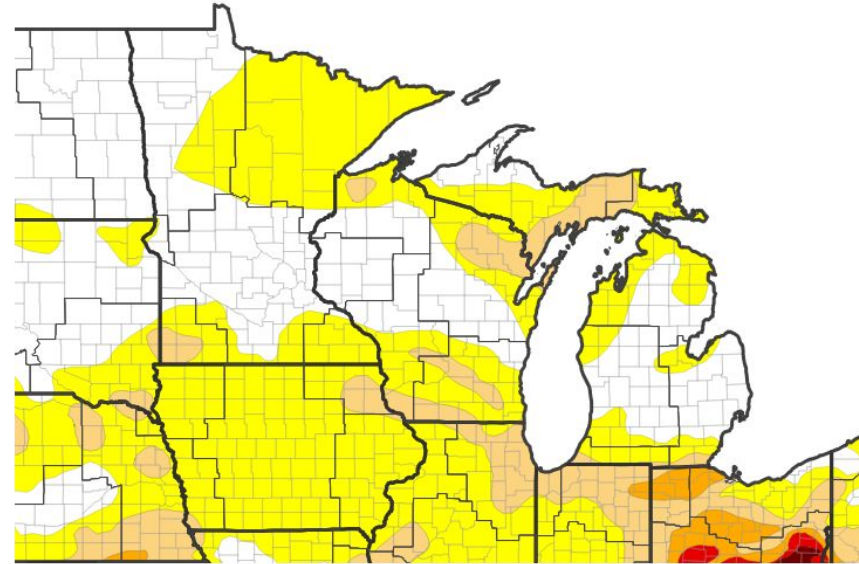


U.S. Drought Monitor

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

- Drought intensity and Extent
 - **D0 (Abnormally Dry) & D1 (Moderate Drought)** 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: 09/17/24



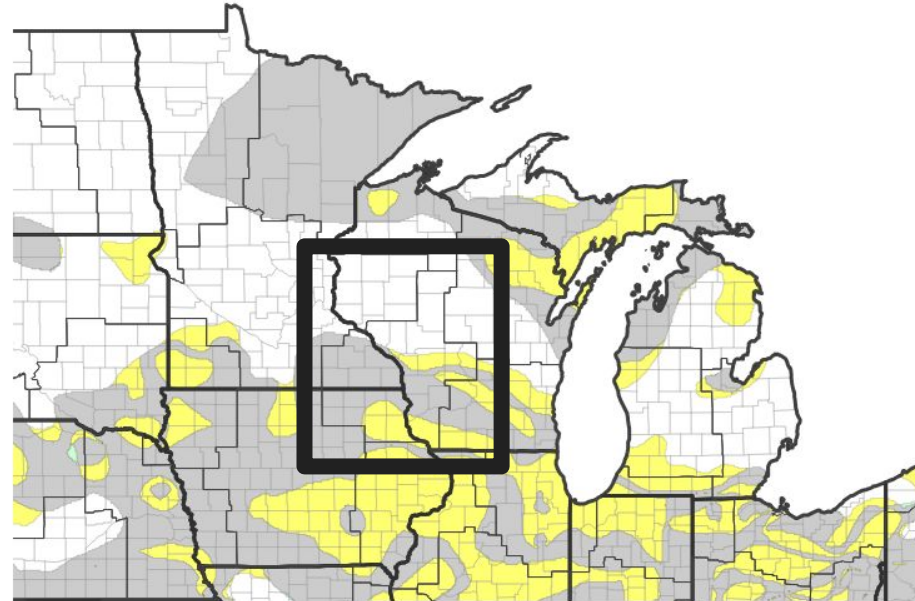


Recent Change in Drought Intensity

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 deterioration in the drought across the southern half of the 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: 09/17/24

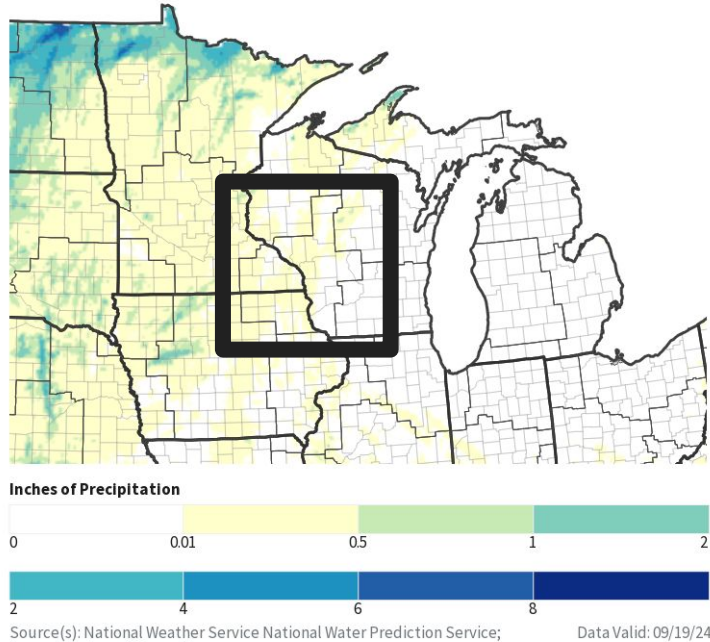




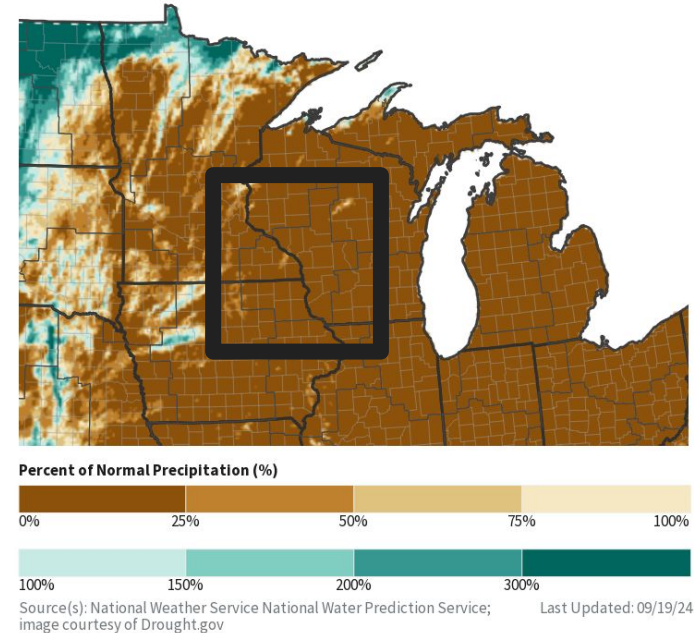
Precipitation

- From September 11 through September 17, rainfall totals ranged from no rain to 0.74" near Winona, MN.
- Normally, around 9/10" 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 6".

NWPS 7-Day Precipitation Accumulations (inches)



7-Day Precipitation: Percent of PRISM Normal

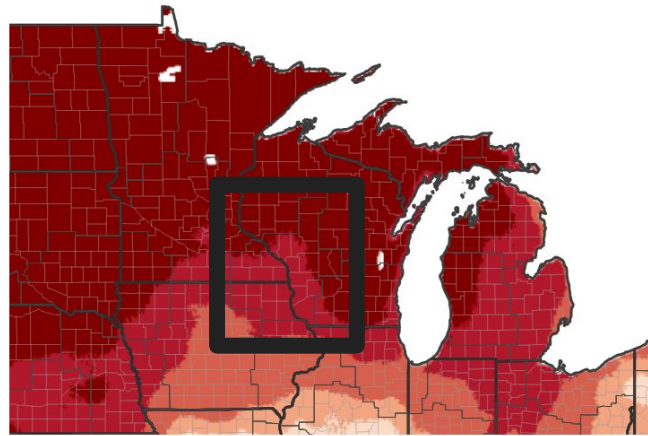




Temperature

- During the past week (September 10 to September 16), temperatures ranged from 4°F to 8°F warmer than normal to normal.
- During the past month (August 17 through September 16), average temperatures ranged from 1°F to 3°F warmer than normal.

7-Day Temperature Anomaly



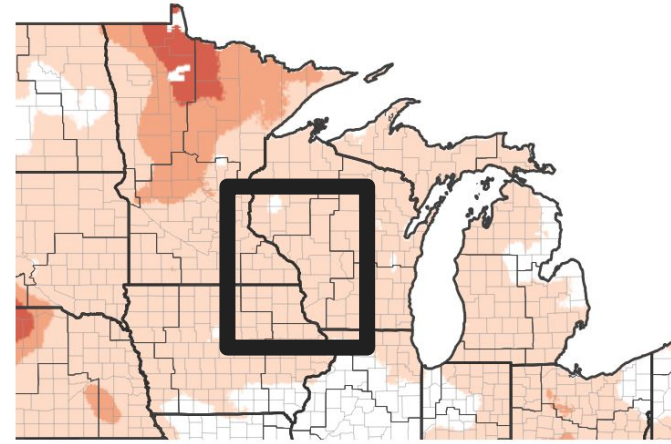
Departure from Normal Max Temperature (°F)



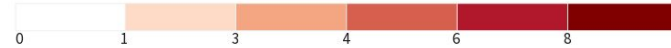
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 09/16/24

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: 09/16/24





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 is moderate fire danger in southeast Minnesota and low fire danger elsewhere.

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

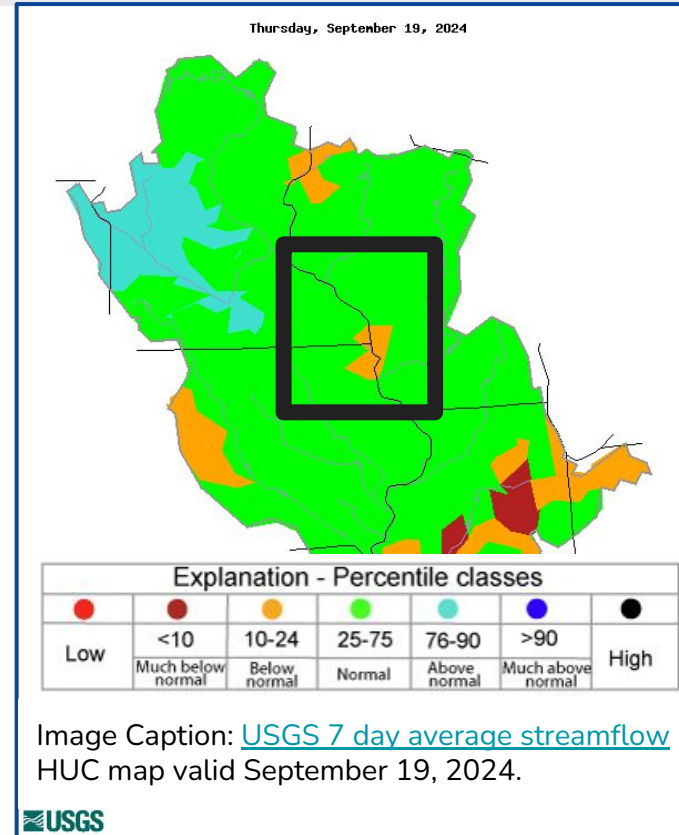
- No known actions are taking place in northeast Iowa, southeast Minnesota, and western Wisconsin.





Hydrologic Conditions and Impacts

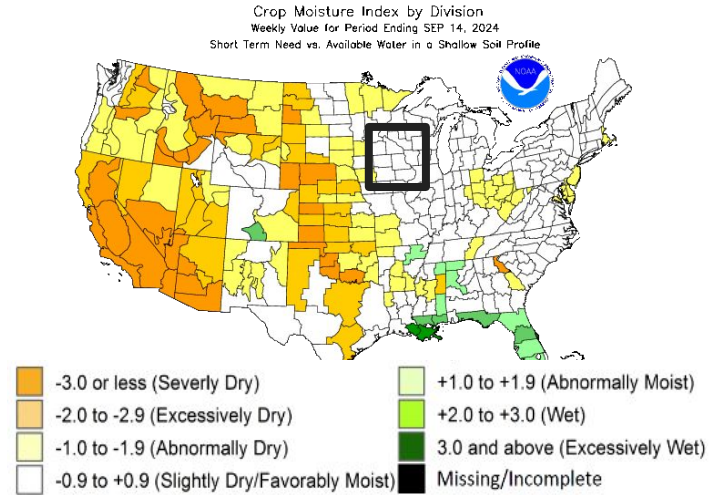
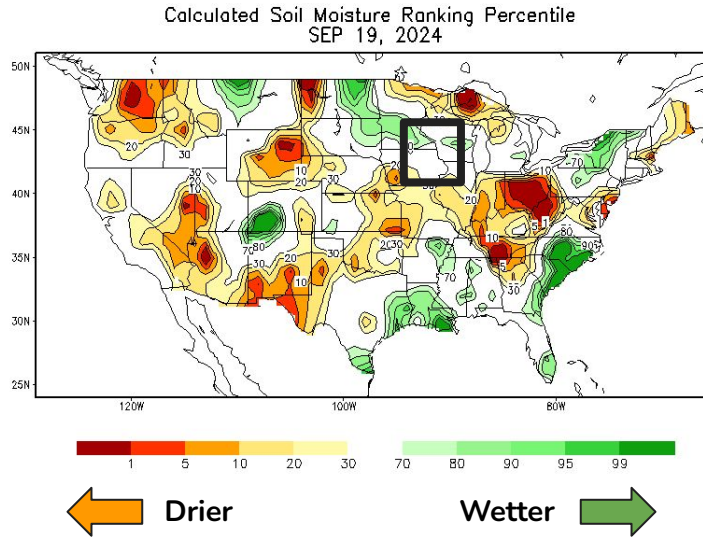
- From September 11 through September 17, rainfall totals ranged from no rain to 0.74" near Winona, MN.
- Normally, around 9/10" of an inch of rain falls during this time frame.
- As of the morning of September 19, rivers and stream flows range from below normal to normal in northeast Iowa, southeast Minnesota, and from central to western Wisconsin.





Agricultural Impacts

- Since mid-July, soils have been gradually drying.



For more details:

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



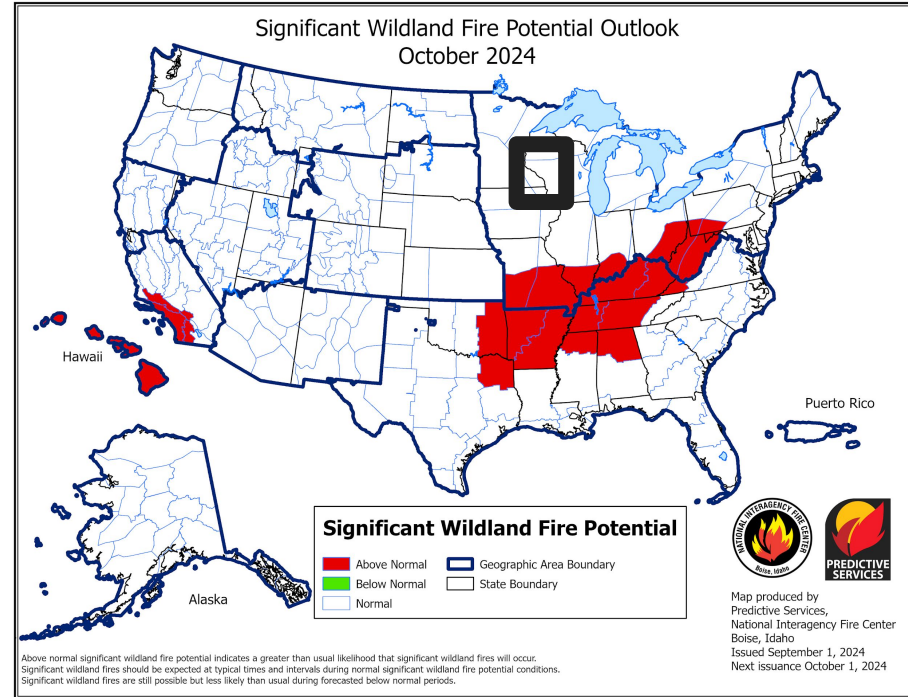


Fire Hazard Impacts

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

As of the morning of September 19, 2024...

- fire danger was moderate (fires spread at moderate rate) fire danger in southeast Minnesota, and low fire danger (fires spread at low rate) elsewhere.



For updated DNR Fire Conditions consult the following Web Sites:

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

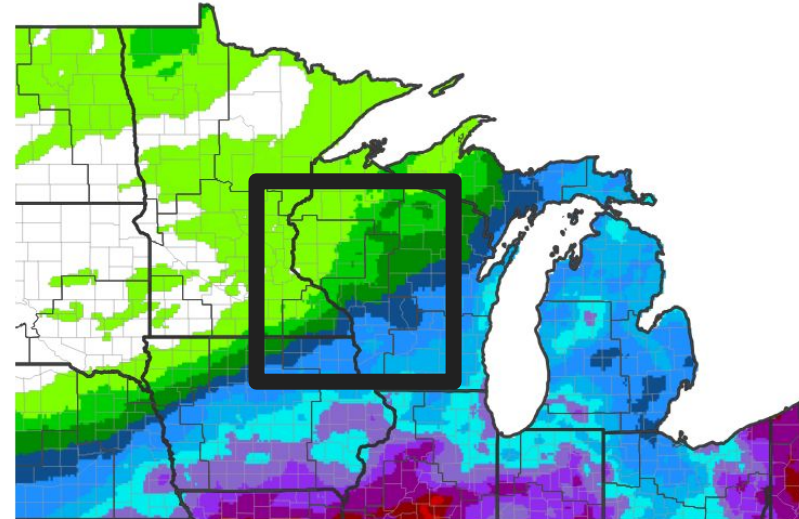




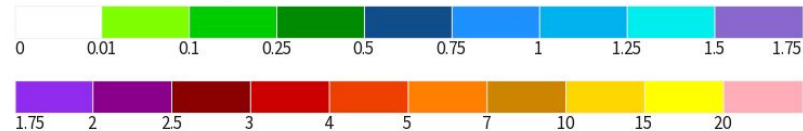
Seven Day Precipitation Forecast

- From September 20 through September 27, the Weather Prediction Center (WPC) is forecasting up to a ½” north of St. Ansgar, IA to Black River Falls, WI, and from a ½” to 1 ¼” across the remainder of the area.
- Normal precipitation is around 1” for this time period.

7-Day Quantitative Precipitation Forecast for September 20, 2024–September 27, 2024



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 09/20/24



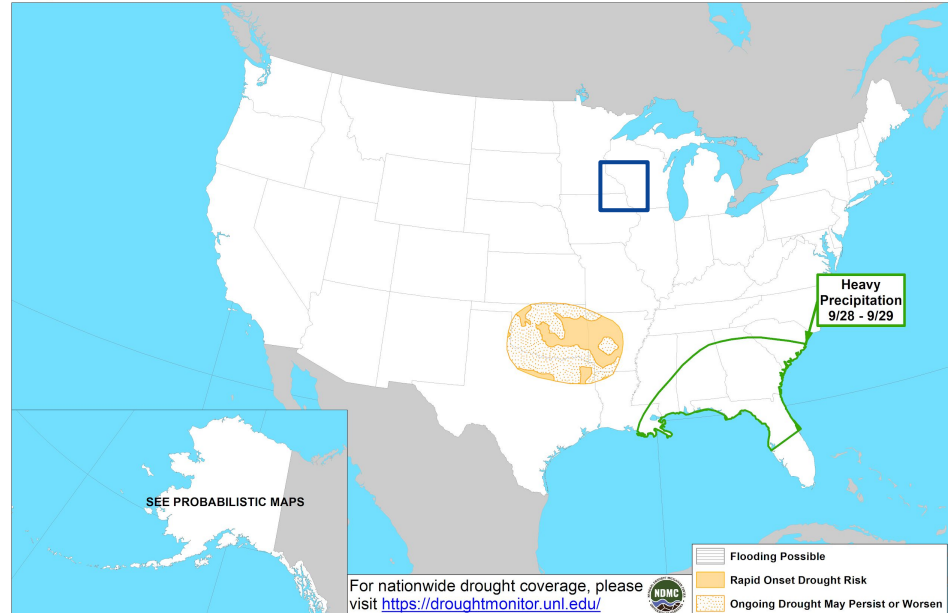
Rapid Onset Drought Outlook

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

- From September 28 through October 4, rapid onset drought (at least a 2-category degradation) is not expected.



Day 8-14 U.S. Hazards Outlook
Valid: 09/28/2024-10/04/2024



Climate Prediction Center
Made: 09/20/2024 3PM EDT

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



Follow us:
www.cpc.ncep.noaa.gov



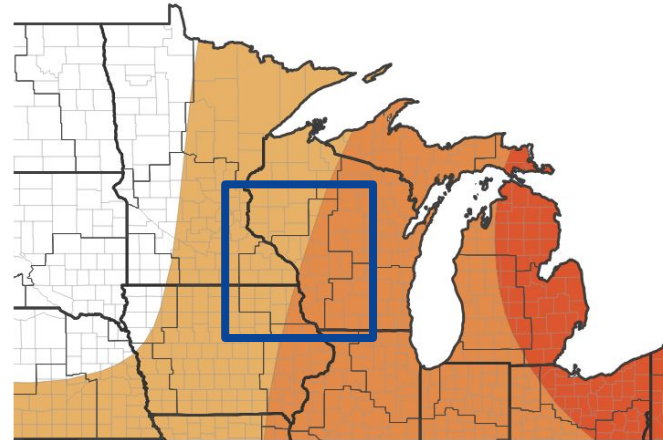


Long-Range Outlooks

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

- From October through December, 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



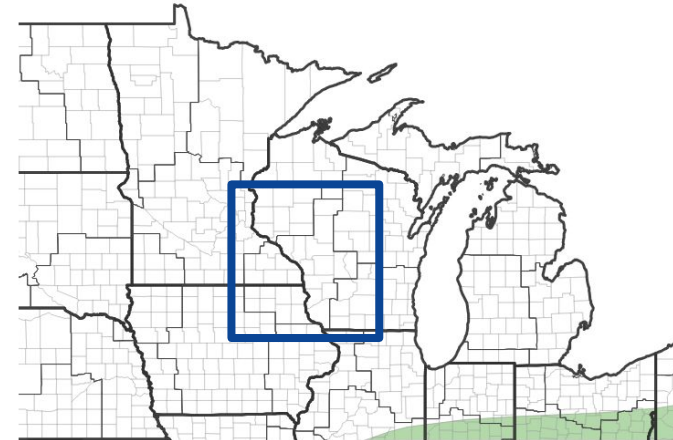
Probability of Near-Normal Temperatures



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



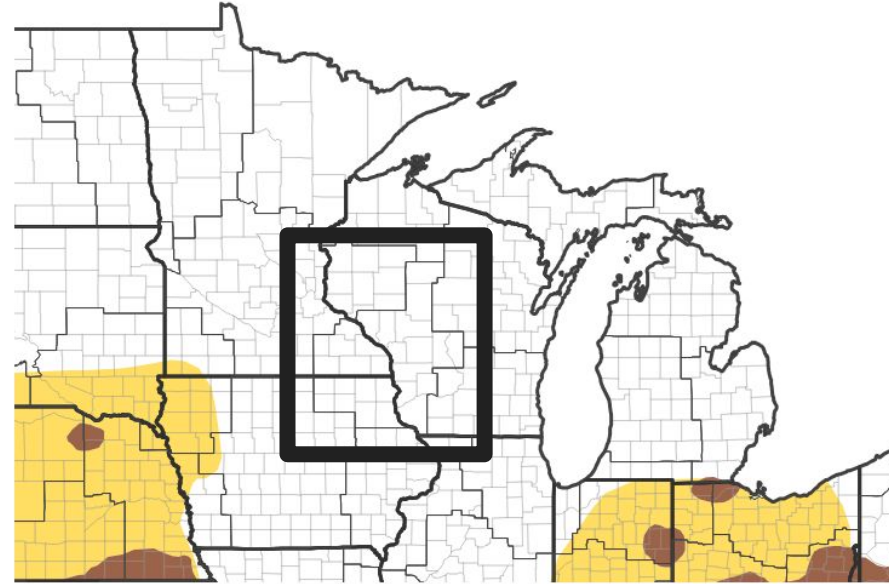


Drought Outlook

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

- With this drought so short-lived, it is not covered in the seasonal drought outlook.

Seasonal (3-Month) Drought Outlook for August 31, 2024–November 30, 2024



Drought Is Predicted To...



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

Last Updated: 08/31/24

