



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

Valid April 18, 2024

Issued By: WFO La Crosse, WI

Contact Information:

- This product will be updated April 18, 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/\[WFO\]/DroughtInformationStatement](https://www.weather.gov/[WFO]/DroughtInformationStatement) for previous statements.
 - Please visit [https://www.drought.gov/drought-status-updates/\[link\]](https://www.drought.gov/drought-status-updates/[link]) for regional drought status updates.
-
- There were no changes in the drought during the past week.



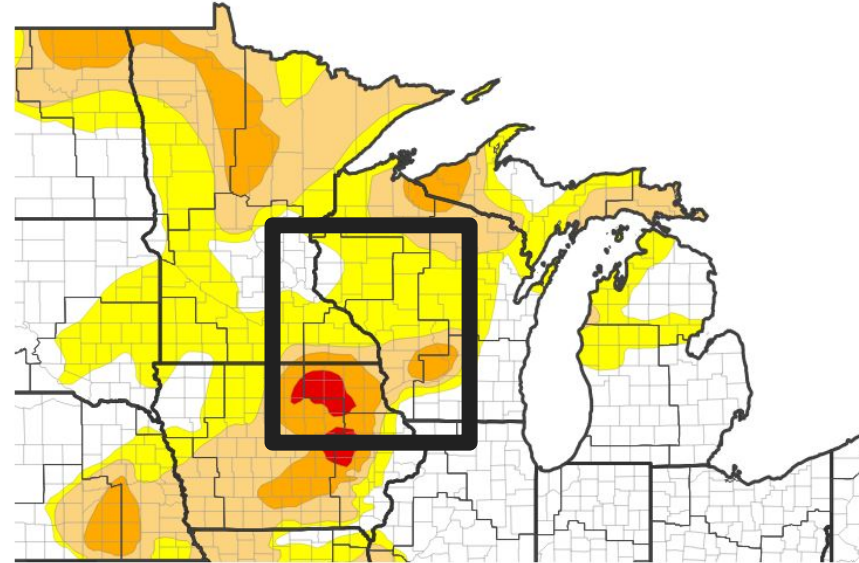


U.S. Drought Monitor

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

- Drought intensity and Extent
 - **D1 (Moderate Drought) to D3 (Extreme Drought)**: Northeast Iowa
 - **D0: (Abnormally Dry) to D2 (Severe Drought)**: Southeast Minnesota and south of Interstate 90 in Wisconsin.
 - **D0: (Abnormally Dry)**: North of Interstate 90 in Wisconsin.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 04/16/24



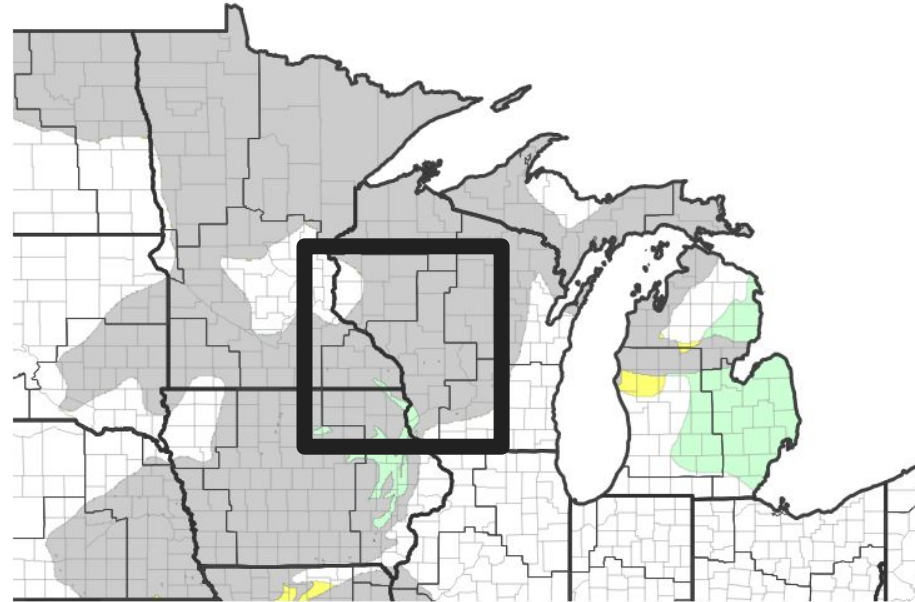


Recent Change in Drought Intensity

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

- 1-Week Drought Monitor Class Change.
 - There were no changes in the drought for the NWS La Crosse, WI Hydrologic Service Area (HSA) during the past week.

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: 04/16/24

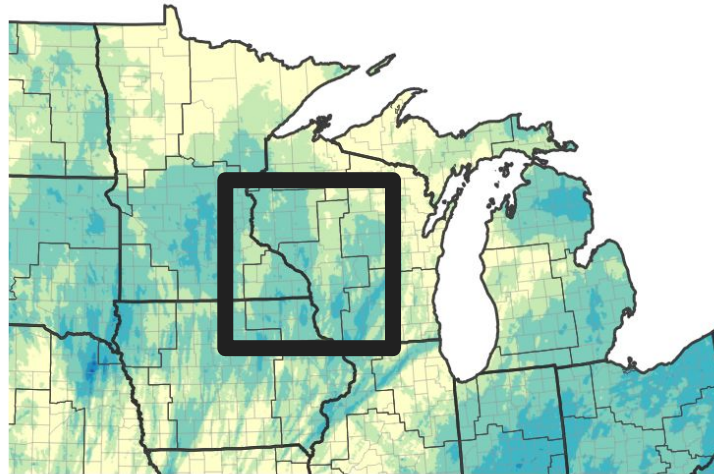




Precipitation

- From April 9 through April 16, precipitation totals ranged from a trace of precipitation to 1.63" at the Prestone Fillmore County Airport (Fillmore County).
- Normally, around 1" of precipitation falls during this period.

7-Day Precipitation Accumulations (Inches)



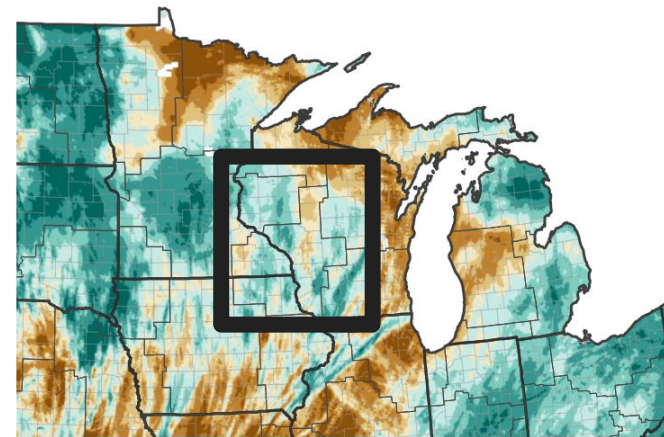
Inches of Precipitation



Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 04/18/24

7-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 04/18/24

From April 1, 2023, through April 16, 2024 (long-term dryness), precipitation departures range from 9 to 19.25" below normal south of Interstate 90.

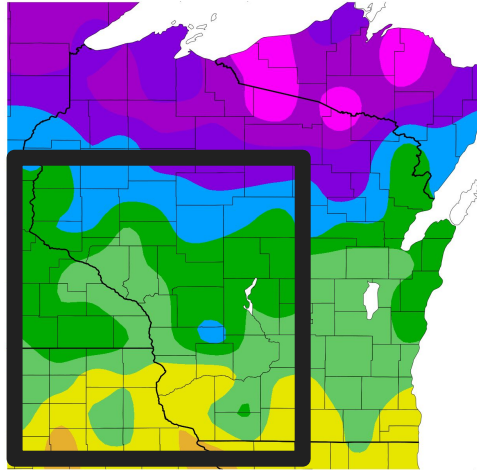




Temperature

- During the past month (March 19 through April 17), temperatures ranged from 2°F colder than normal to 2°F warmer than normal.
- The coolest temperature anomalies were near Interstate 90.

Temperature (F)
3/19/2024 – 4/17/2024



Departure from Normal Temperature (F)
3/19/2024 – 4/17/2024

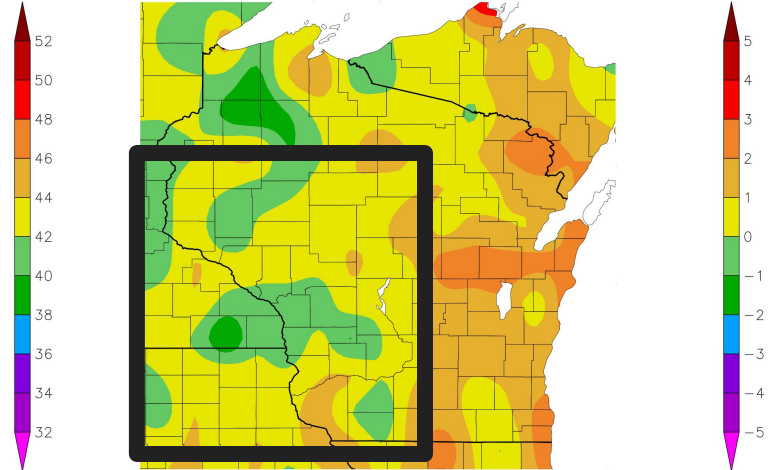


Image Captions:

- Left - [Average Temperature for northeast IA, southeast MN, & Western WI](#)
- Right - [Departure from Normal Temperature for northeast IA, southeast MN, & Western WI](#)
- Data Courtesy High Plains Regional Climate Center.
- Data over the past 30 days ending April 17, 2024





Summary of Impacts

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

Hydrologic Impacts

- As of the morning of April 16, rivers and stream flows ranged from much below to above normal in northeast Iowa, below to normal in western Wisconsin, and near-normal in southeast Minnesota.

Agricultural Impacts

- There are no known impacts at this time.

Fire Hazard Impacts

- As of the morning of April 17, fire danger was moderate (fires start easily and spread at a moderate rate) in northeast Iowa, and there was low (fires start easily and spread at a low rate) fire danger across the remainder of the area.

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

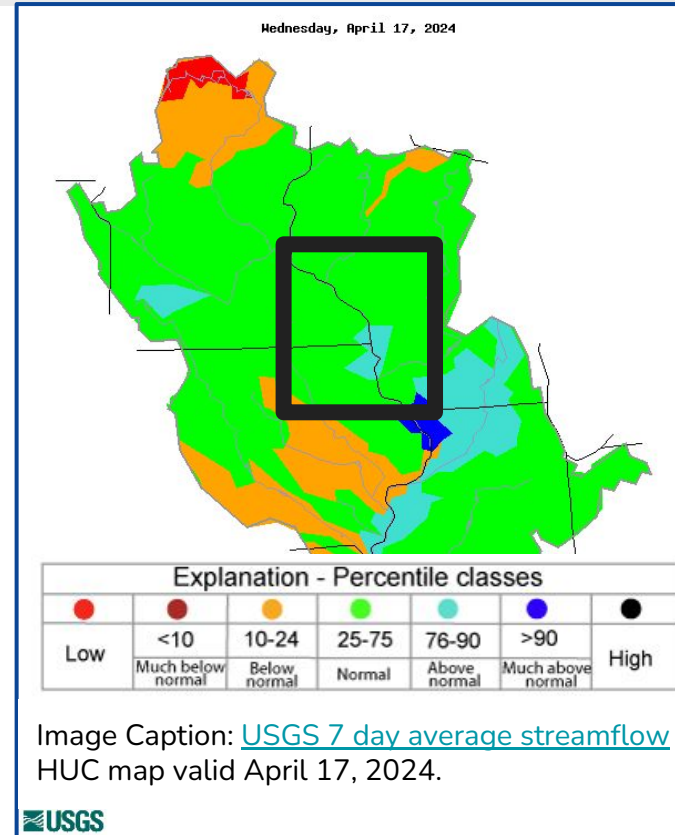
- There is a Drought Watch for Region 3 in northeast Iowa. For more information, see the [Iowa Drought Plan](#).





Hydrologic Conditions and Impacts

- From April 9 through April 16, precipitation totals ranged from a trace of precipitation to 1.63" at the Prestone Fillmore County Airport (Fillmore County).
- Normally, around 1" of precipitation falls during this period. These precipitation totals were not high enough to cause any improvements in the drought.
- From April 1, 2023, through April 16, 2024 (long-term dryness), precipitation departures range from 9 to 19.25" below normal south of Interstate 90.
- As of the morning of April 16, rivers and stream flows ranged from much below to above normal in northeast Iowa, below to normal in western Wisconsin, and near-normal in southeast Minnesota.

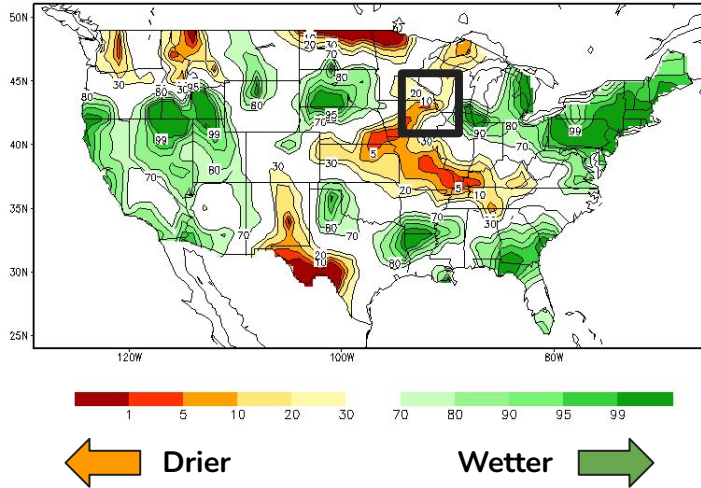




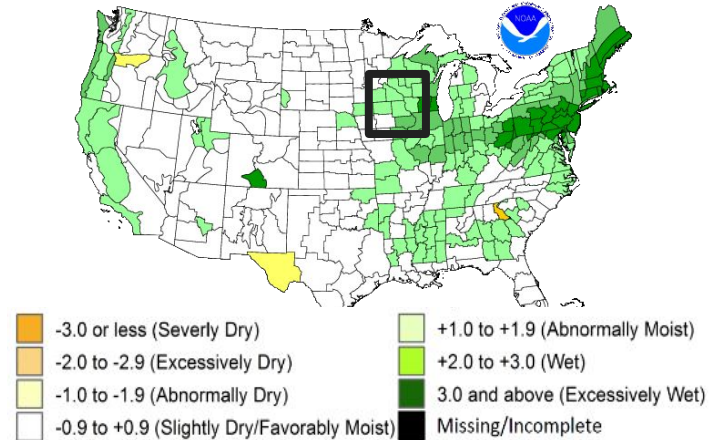
Agricultural Impacts

- Soil moisture remains below normal along and south of Interstate 90.

Calculated Soil Moisture Ranking Percentile
APR 14, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending APR 6, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile



For more details:

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



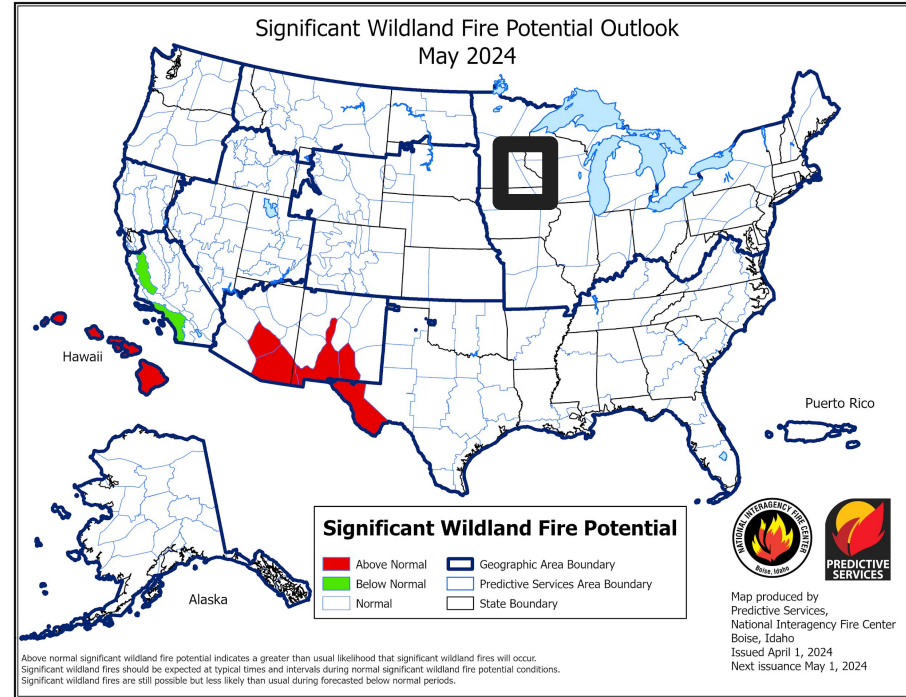


Fire Hazard Impacts

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

As of the morning of April 17, 2024.

- Fire danger was moderate (fires start easily and spread at a moderate rate) in northeast Iowa, and there was low (fires start easily and spread at a low rate) fire danger across the remainder of the area.



For updated DNR Fire Conditions consult the following Web Sites:

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

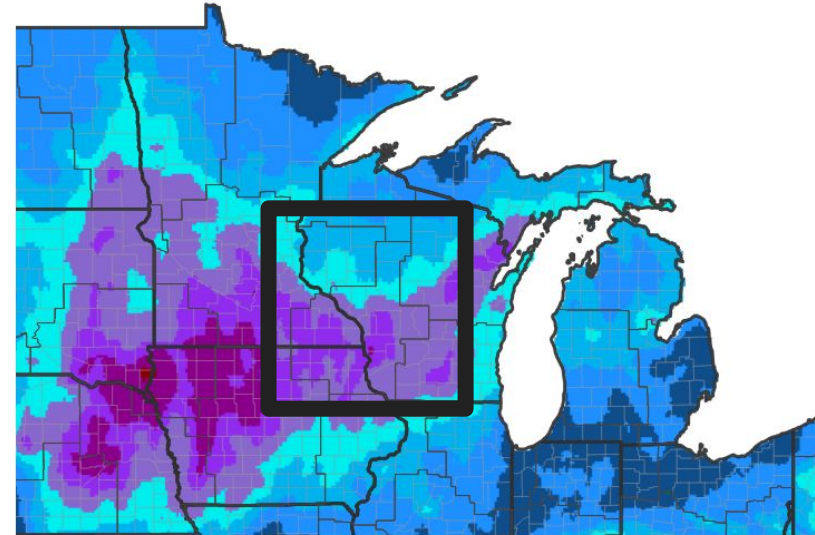




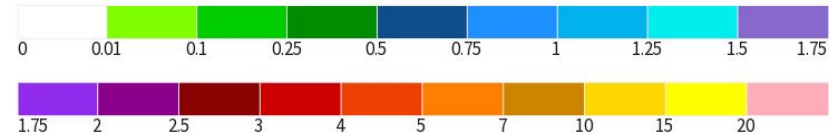
Seven Day Precipitation Forecast

- From April 18 through April 24, the Weather Prediction Center (WPC) is forecasting 1 to 2” across the area. The highest totals are along and south of Interstate 94.
- Normal precipitation is around a 1” 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: 04/18/24





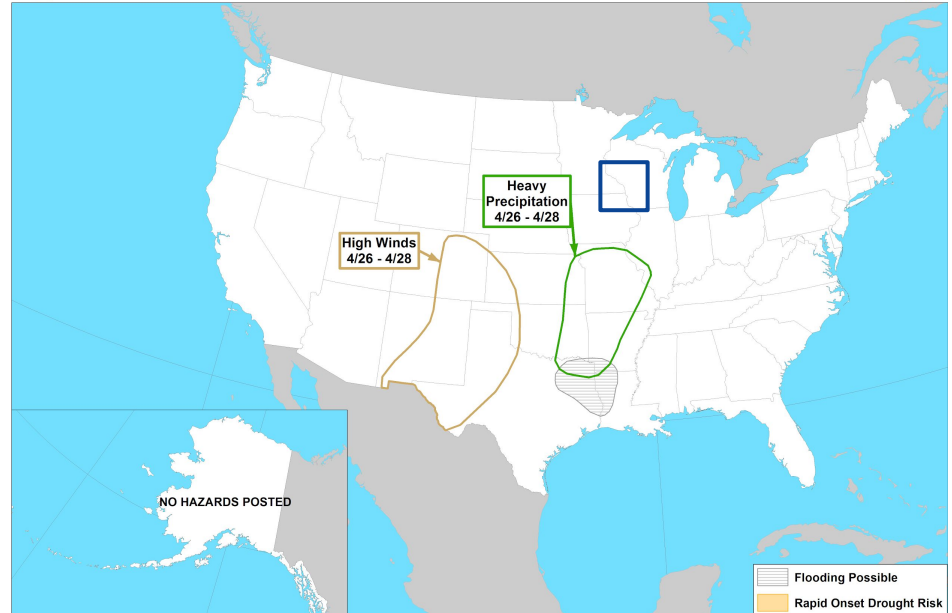
Rapid Onset Drought Outlook

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

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



Day 8-14 U.S. Hazards Outlook
Valid: 04/26/2024-05/02/2024



Climate Prediction Center
Made: 04/18/2024 3PM EDT

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

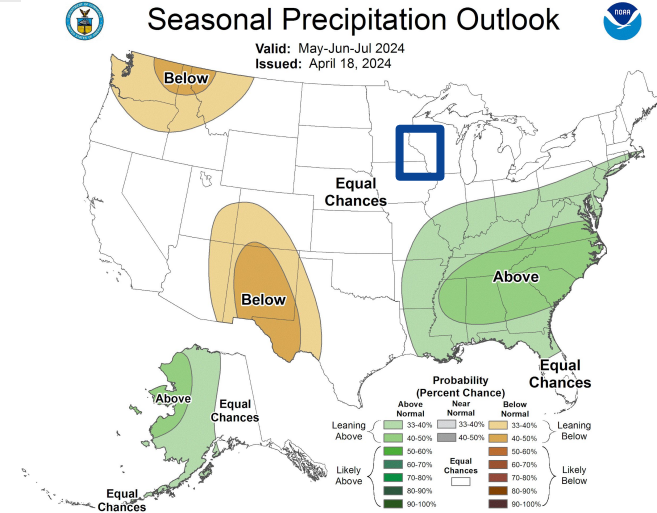
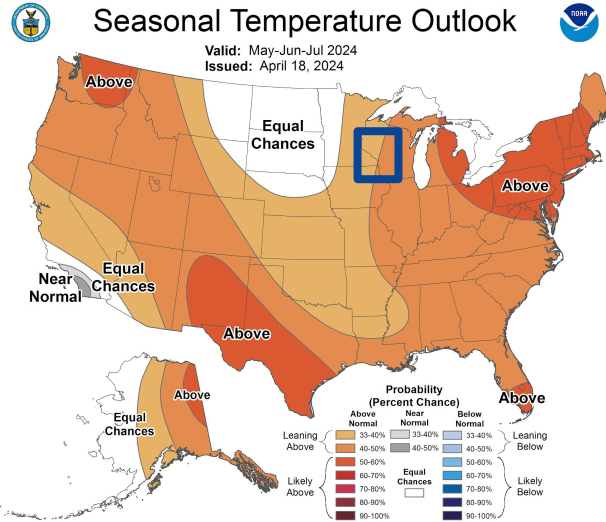




Long-Range Outlooks

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

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



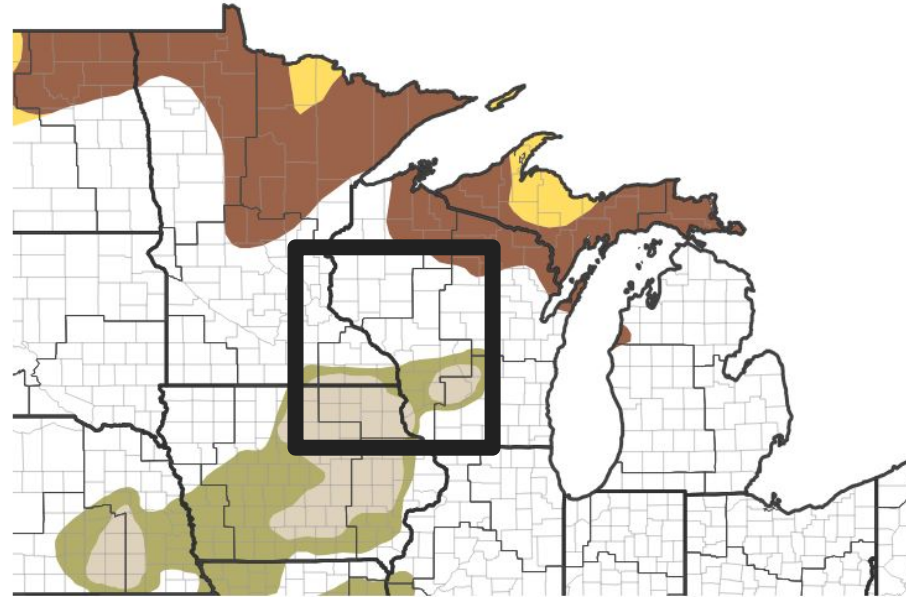


Drought Outlook

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

- According to the latest U.S. Seasonal Drought Outlook (April 18 through July 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: 04/18/24

