



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

Valid April 11, 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 was a small area of improvement (1-category) in the drought across the southern third of Grant County in southwest Wisconsin. Otherwise, there were no changes in the drought during the past 2 weeks.



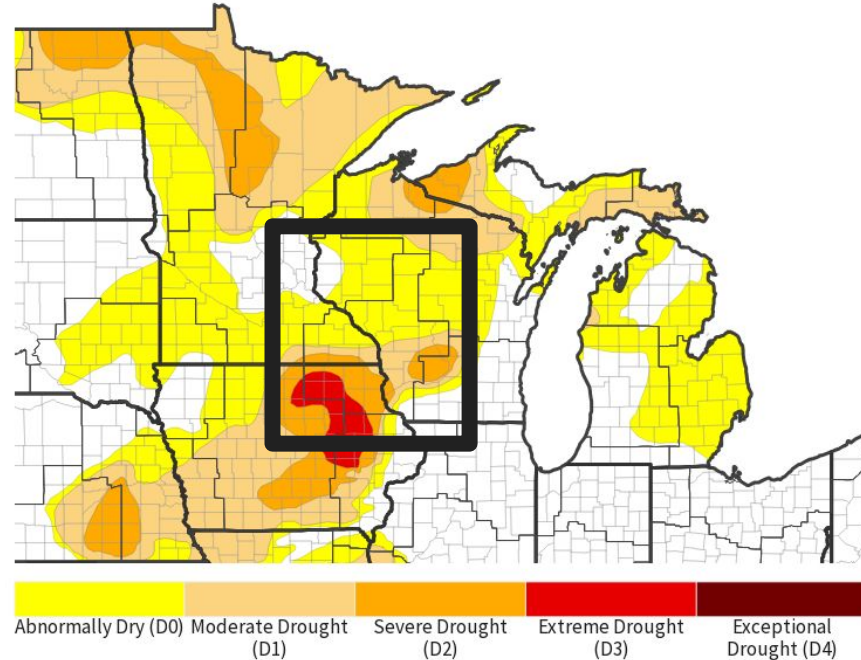


U.S. Drought Monitor

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



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

Data Valid: 04/09/24



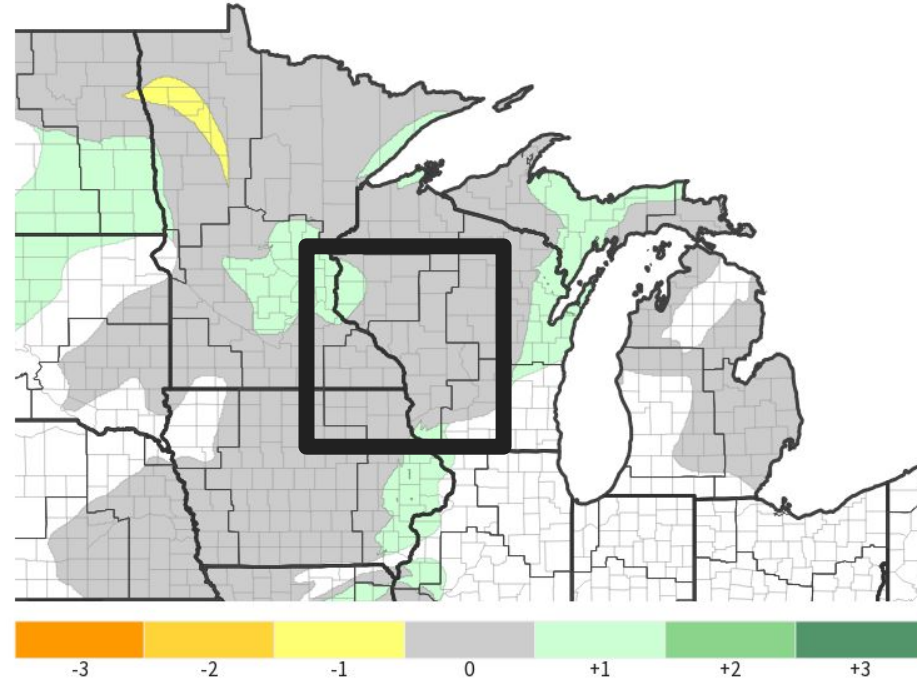


Recent Change in Drought Intensity

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

- 1-Week Drought Monitor Class Change.
 - Other than a 1-class improvement across the southern third of Grant County in southwest Wisconsin, there were no changes in the drought over the NWS La Crosse, WI Hydrologic Service Area (HSA).

U.S. Drought Monitor 1-Week Change Map



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

Data Valid: 04/09/24

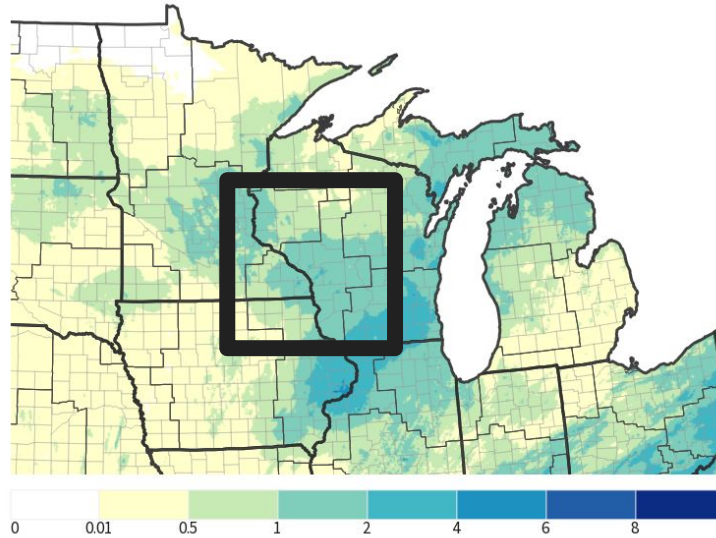




Precipitation

- From March 27 through April 9, precipitation totals ranged from 0.70" at Fayette, IA (Fayette County) to 2.22" at Guttenberg Lock & Dam 10, IA (Clayton County).
- Normally, around 1.5" of precipitation falls during this period.

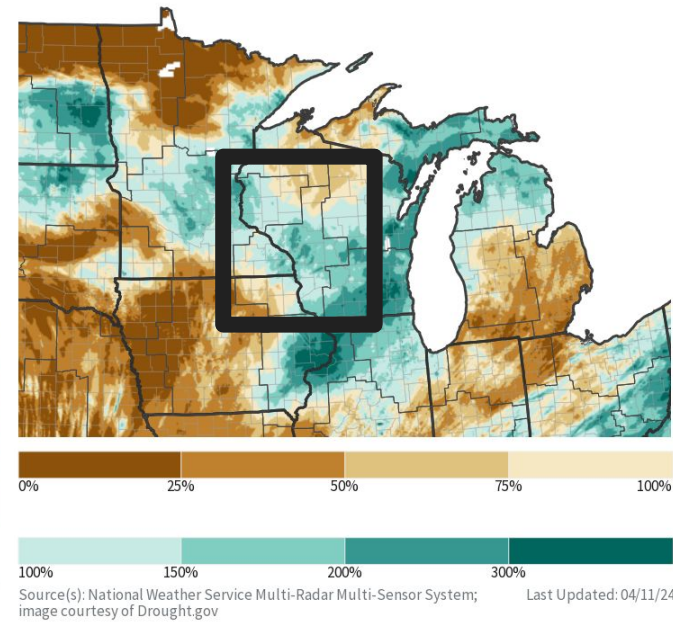
7-Day Precipitation Accumulations (Inches)



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

Last Updated: 04/11/24

7-Day Percent of Normal Precipitation



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

Last Updated: 04/11/24

From April 1, 2023, through April 9, 2024 (long-term dryness), precipitation departures range from 8 to 19" below normal south of Interstate 90.





Temperature

- During the past month (March 12 through April 10), temperatures ranged from near-normal to 4°F warmer than normal.

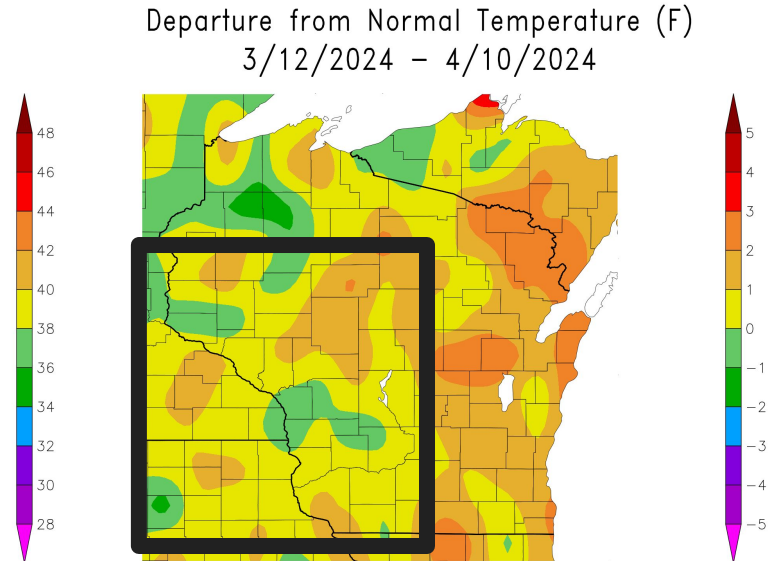
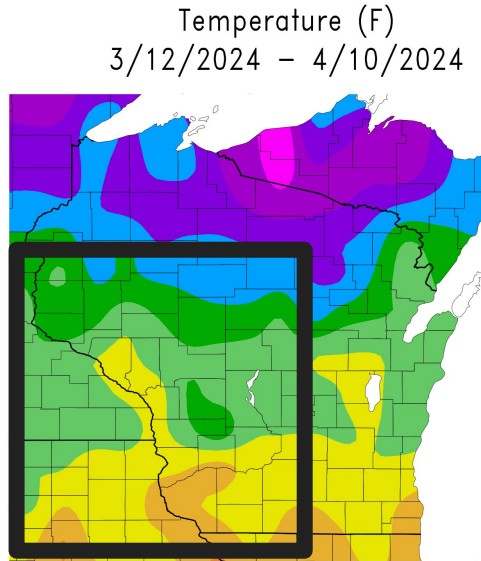


Image Captions:

- 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 10, 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 9, rivers and stream flows ranged from below to normal in northeast Iowa and 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 9, fire danger was moderate to high in northeast Iowa, moderate fire danger in southeast Minnesota and south of Interstate 90 in Wisconsin, and low fire danger across the remainder of the area.

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

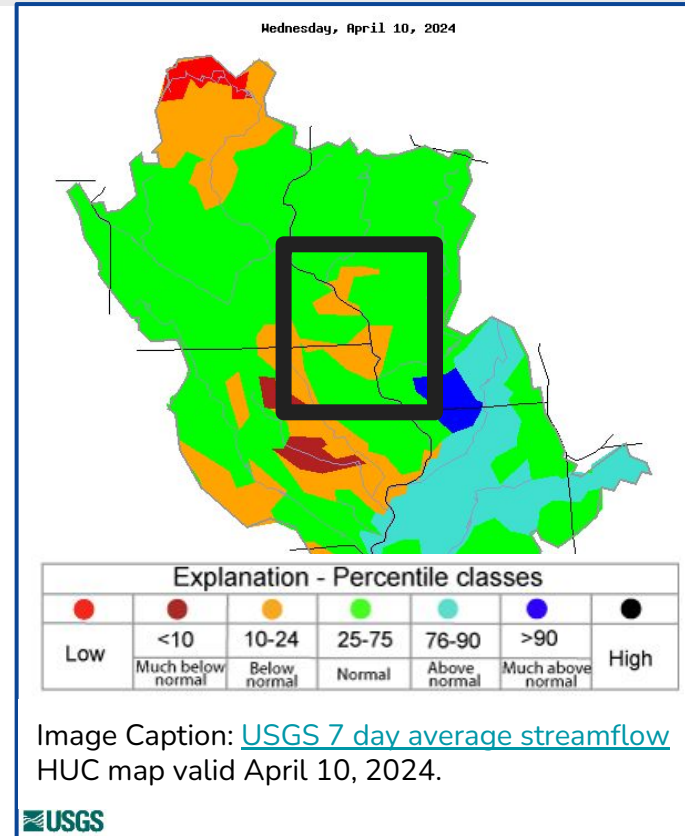
- There is a Drought Watch for Region 3 in northeast Iowa. For more information, see the [Iowa Drought Plan](#).





Hydrologic Conditions and Impacts

- From March 27 through April 9, precipitation totals ranged from 0.70" at Fayette, IA (Fayette County) to 2.22" at Guttenberg Lock & Dam 10, IA (Clayton County).
- Normally, around 1.5" 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 9, 2024 (long-term dryness), precipitation departures range from 8 to 19" below normal south of Interstate 90.
- As of the morning of April 9, rivers and stream flows ranged from below to normal in northeast Iowa and western Wisconsin, and near-normal in southeast Minnesota.

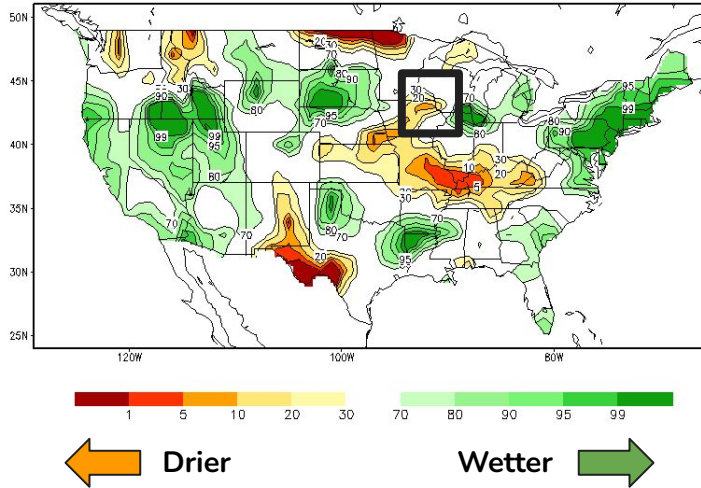




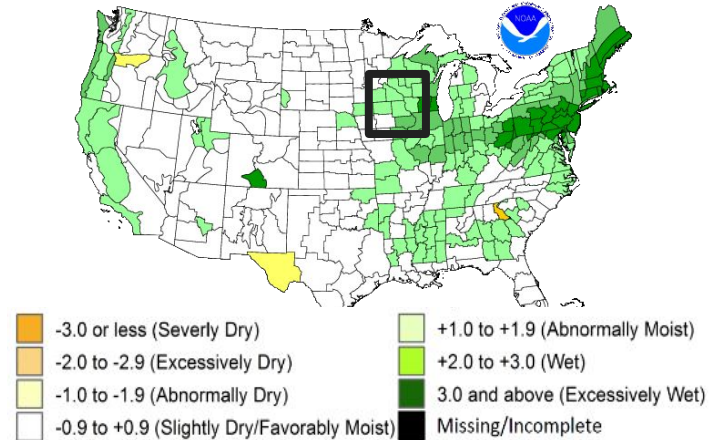
Agricultural Impacts

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

Calculated Soil Moisture Ranking Percentile
APR 10, 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](#)



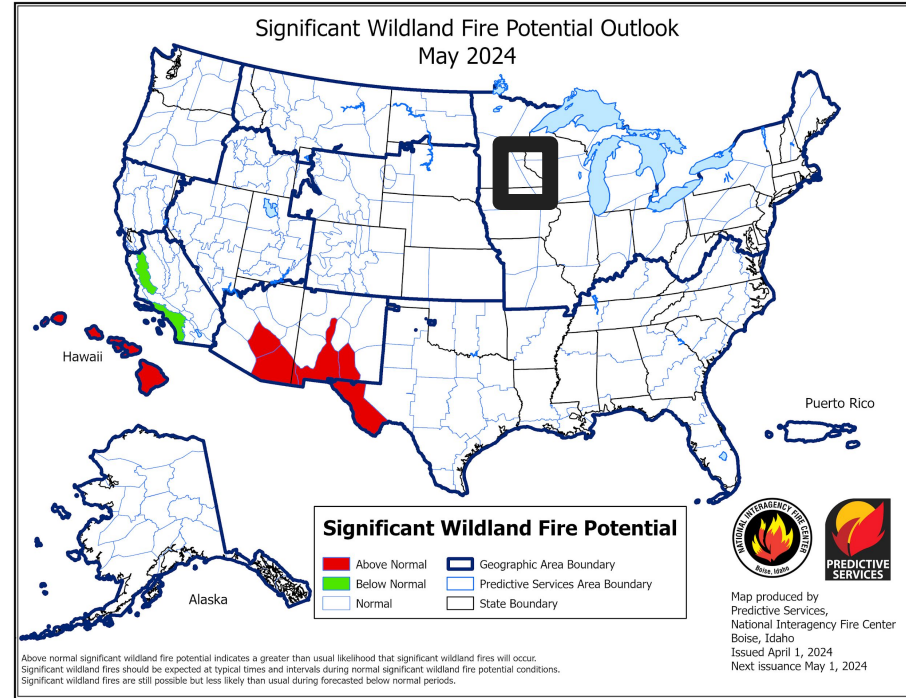


Fire Hazard Impacts

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

As of the morning of April 9, 2024.

- Fire danger was moderate to high in northeast Iowa, moderate fire danger in southeast Minnesota and south of Interstate 90 in Wisconsin, and low fire danger across the remainder of the area.



For updated DNR Fire Conditions consult the following Web Sites:

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

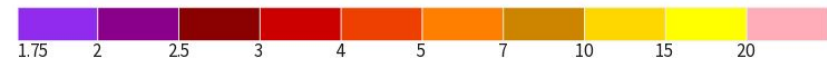
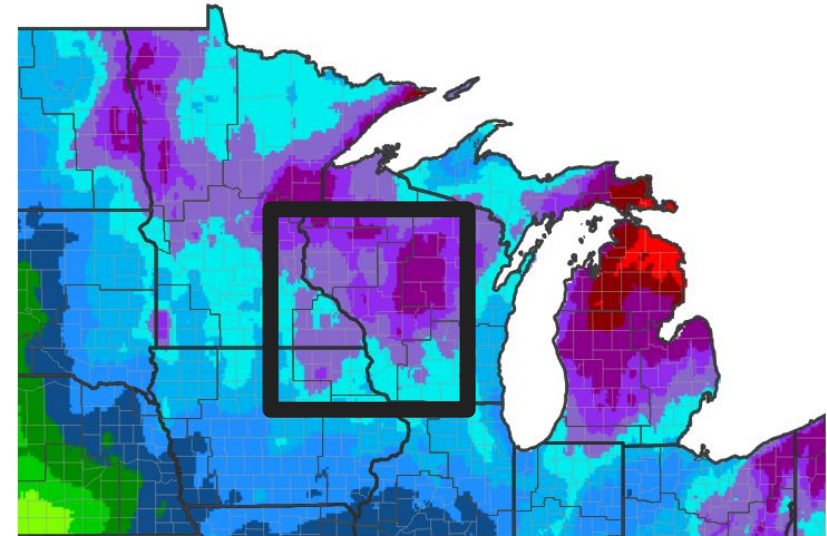




Seven Day Precipitation Forecast

- From April 12 through April 18, the Weather Prediction Center (WPC) is forecasting 1 to 2.5” across the area. The highest totals are along and north of Interstate 94.
- Normal precipitation is around a 1” for this time period.

7-Day Quantitative Precipitation Forecast



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

Data Valid: 04/11/24





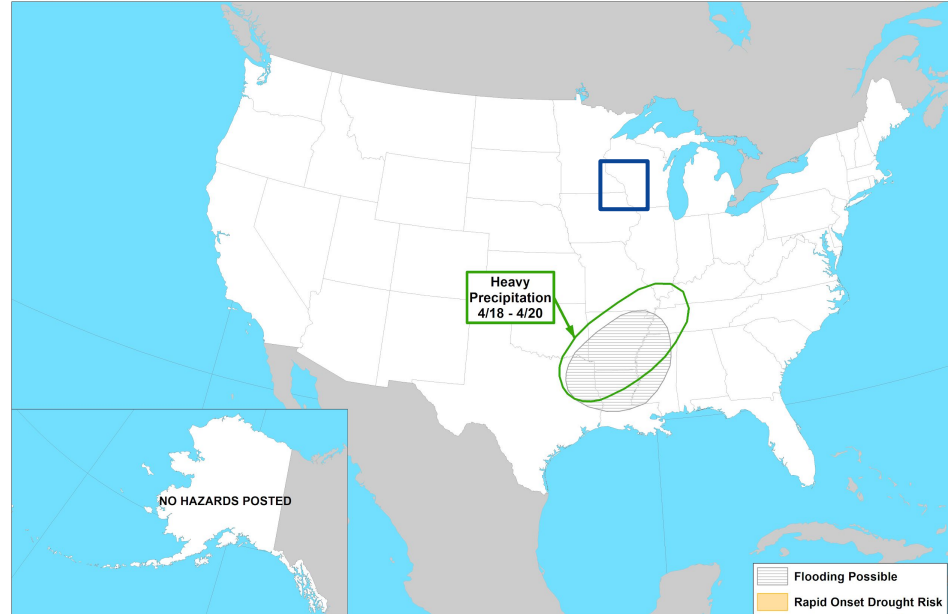
Rapid Onset Drought Outlook

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

- Through April 24, rapid onset drought (at least a 2-category degradation) is not expected.



Day 8-14 U.S. Hazards Outlook
Valid: 04/18/2024-04/24/2024



Climate Prediction Center
Made: 04/10/2024 3PM EDT

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

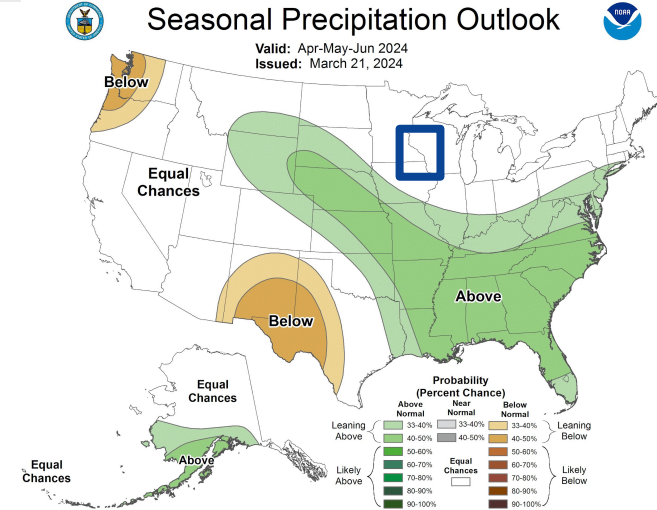
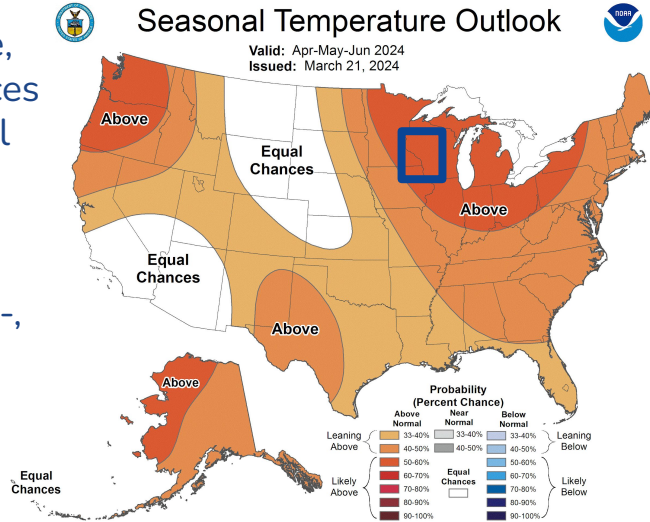




Long-Range Outlooks

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

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



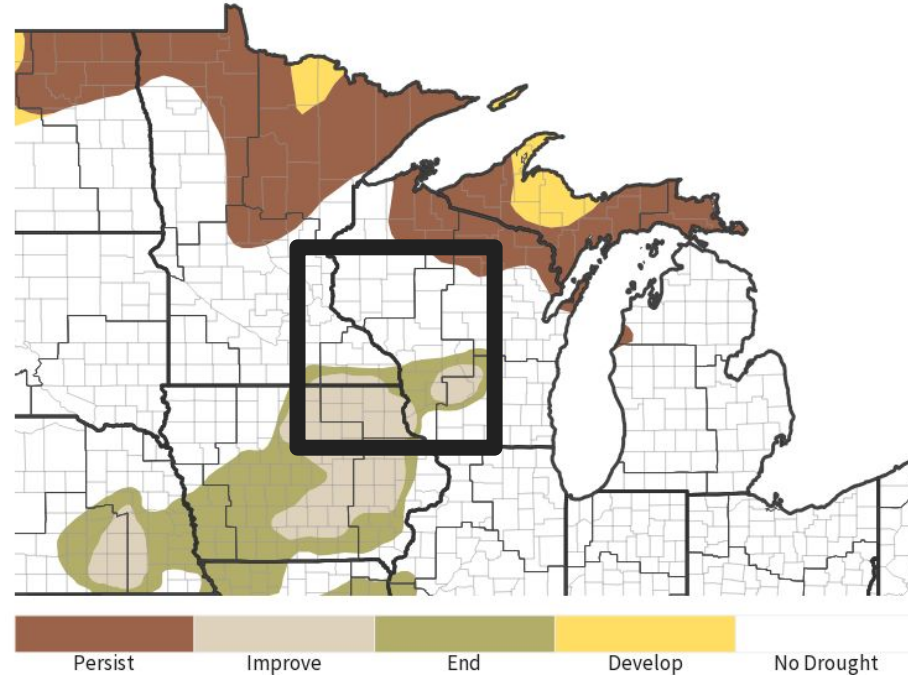


Drought Outlook

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

- According to the latest U.S. Seasonal Drought Outlook (April 1 through June 30), the drought is expected to improve along and south of Interstate 90.

Seasonal (3-Month) Drought Outlook



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

Data Valid: 04/11/24

