



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

Valid November 23, 2023

Issued By: WFO La Crosse, WI

Contact Information: w-arx.webmaster@noaa.gov

- This product will be updated November 30, 2023 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.



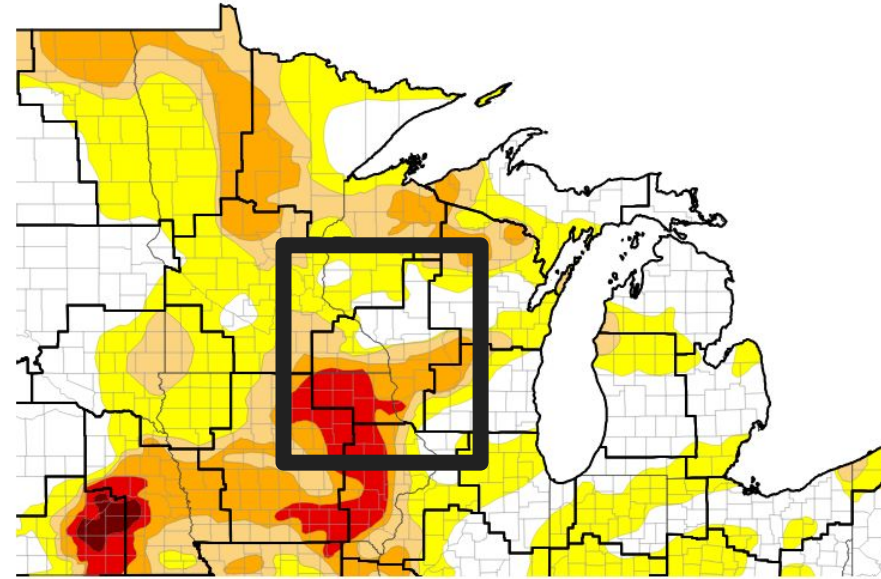


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for Northeast IA, southeast MN, & Western IA

- Drought intensity and extent:
 - Northeast Iowa: Severe (D2) to extreme (D3) drought.
 - Southeast Minnesota: Abnormally dry (D0) to extreme (D3) drought.
 - Western Wisconsin: Abnormally dry (D0) to extreme (D3) drought. The drought is mainly south of Interstate 90.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/21/23



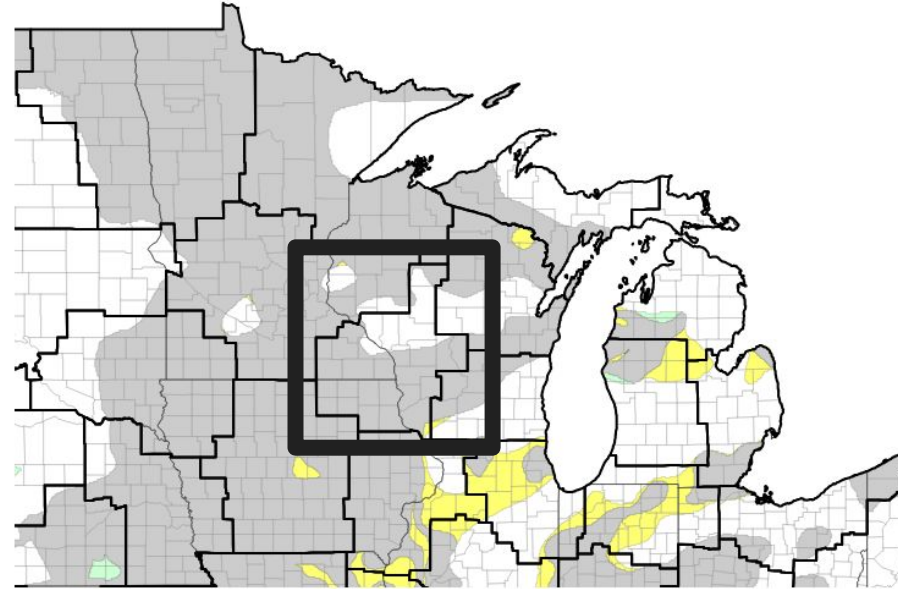


Recent Change in Drought Intensity

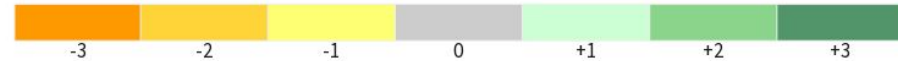
Link to the latest [4-week change map](#) for Northeast IA, southeast MN, & Western IA

- 1-Week Drought Monitor Class Change.
 - During the past week, there has been no change in the drought situation.

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: 11/21/23

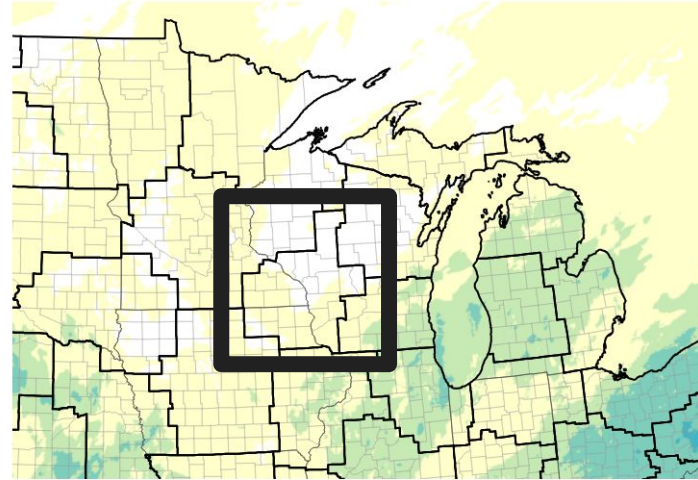




Precipitation

- From November 15 through November 21, little to no precipitation fell across the area.
- This resulted no change in the drought situation this week.

7-Day Precipitation Accumulations (Inches)



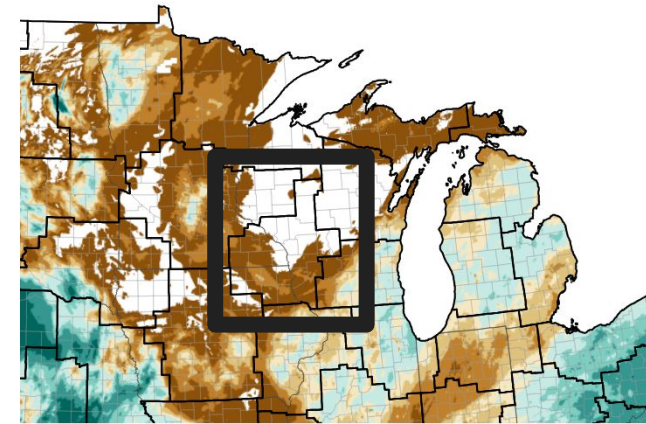
Inches of Precipitation



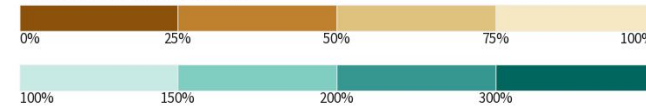
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 11/23/23

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: 11/23/23





Temperature

- During the past month (October 24 through November 22), temperatures have ranged from 1°F to 5°F warmer than normal.

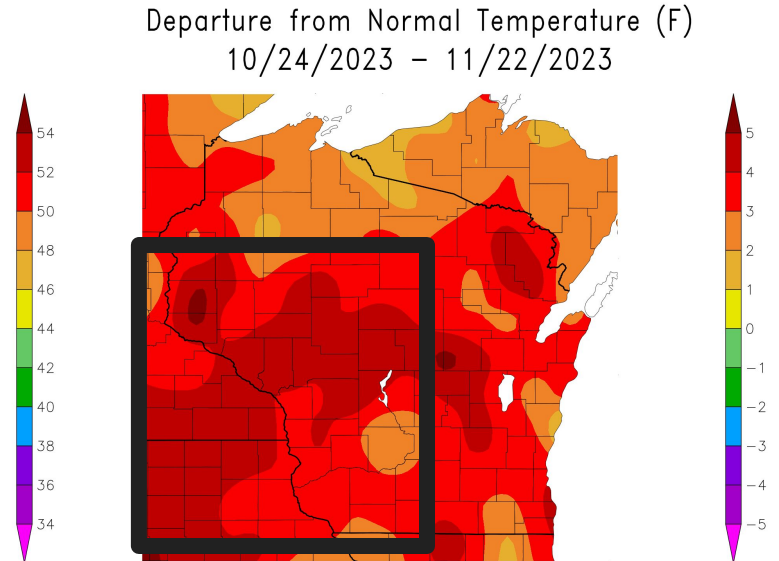
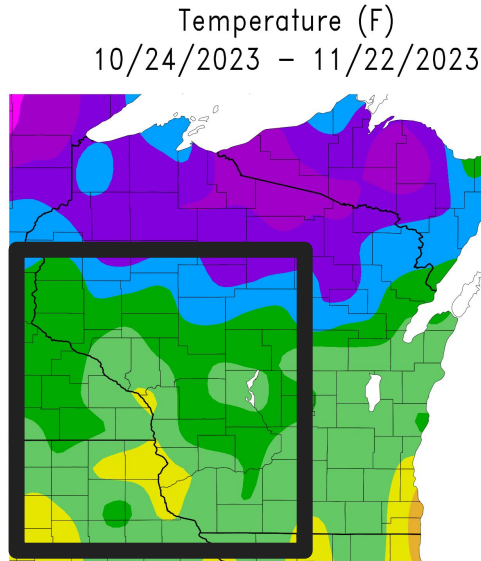


Image Captions:

- 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 November 22, 2023





Summary of Impacts

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

Hydrologic Impacts

- Flows continue to range from below to near-normal in northeast Iowa and southeast Minnesota. The lowest flows were found along Little Cedar near Ionia, IA (22% of normal); Turkey River at Spillville, IA (26% of normal); and South Fork Zumbro River at Rochester, MN (27% of normal).

Agricultural Impacts

- There are some reports of some producers selling livestock due to a lack of water and having to feed hay.

Fire Hazard Impacts

- As of the morning of November 21, fire danger was high (fires start easily and spread at a high rate) across northeast Iowa, and in Buffalo, Clark, Jackson, Juneau, La Crosse, Monroe, and Trempealeau counties in western Wisconsin.

Mitigation Actions

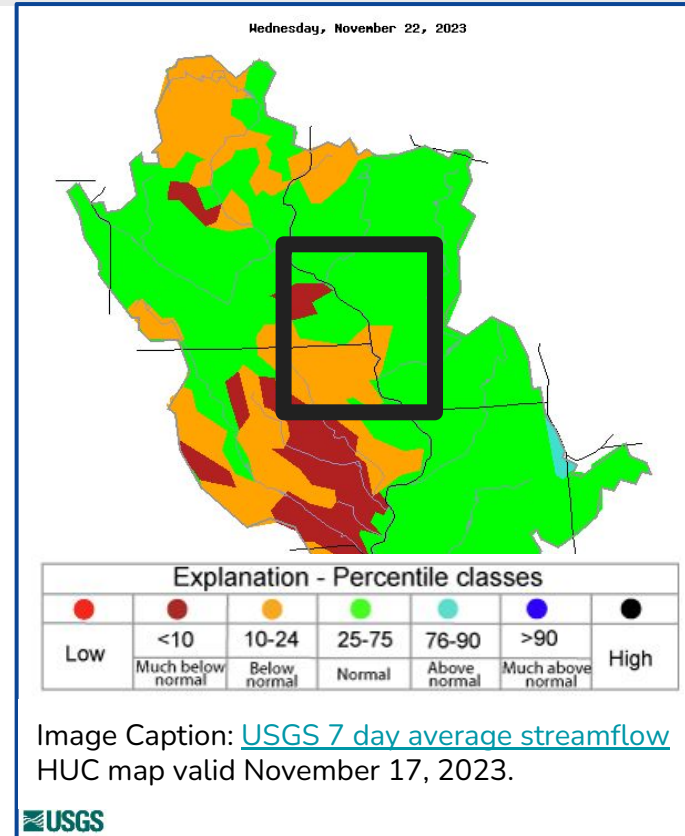
- A drought task force has been activated in [Wisconsin](#).
- In Iowa, CRP land was opened for emergency haying and grazing.
- No known actions are currently taking place at this time in Minnesota.





Hydrologic Conditions and Impacts

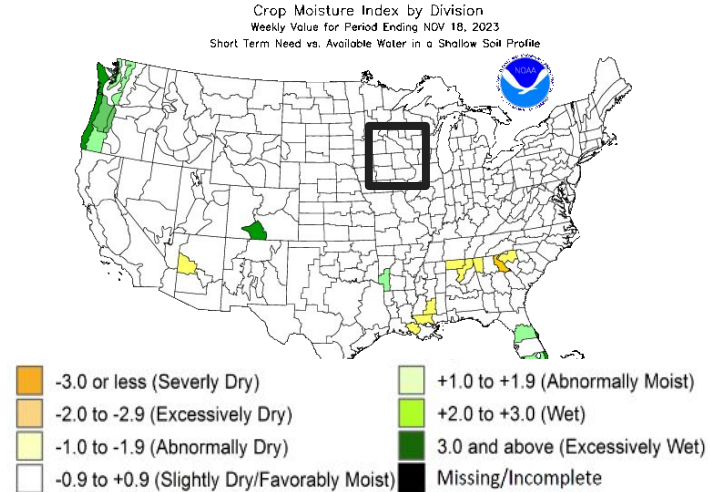
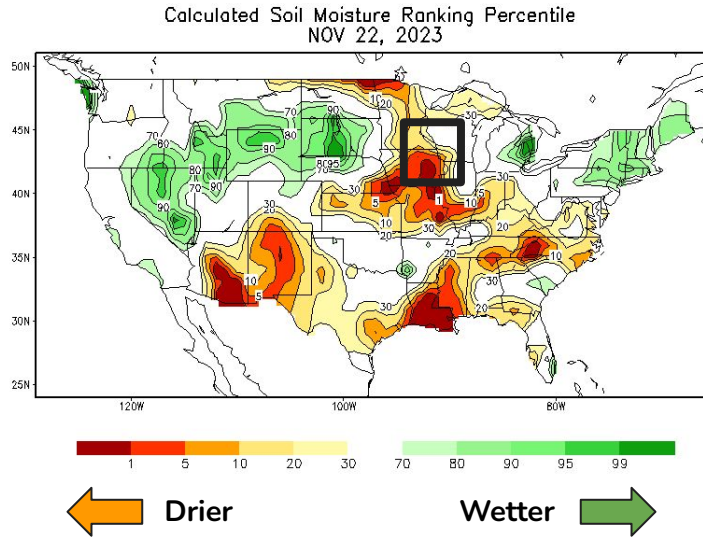
- From November 15 through November 21, precipitation totals ranged from no precipitation to around 15 hundredths of an inch.
- The heaviest precipitation was 0.14" near Lancaster, WI.
- During this time period, typically 3 to 4-tenths of an inch of precipitation falls.
- With below-normal precipitation falling during the past week, there was no change in the drought situation this week.
- Flows ranged from below to near-normal in northeast Iowa and southeast Minnesota.





Agricultural Impacts

- Due to more demand and very poor growing conditions, hay prices dramatically rose this summer & remained high this autumn.
- There are some reports of some producers selling livestock due to a lack of water and having to feed hay.



For more details:

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



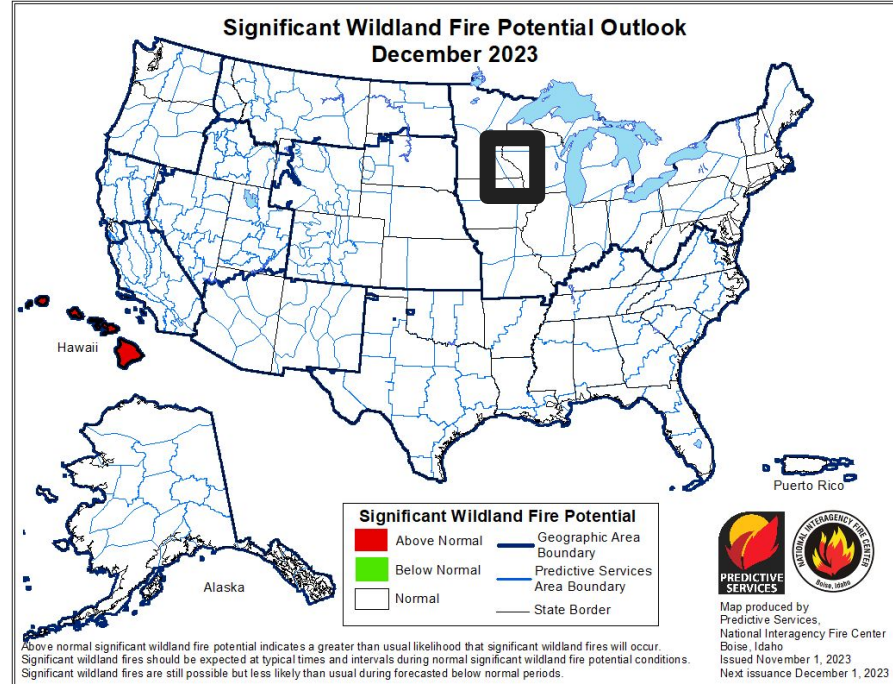


Fire Hazard Impacts

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

As of the morning of November 21,

- Fire danger was high (fires start easily and spread at a high rate) across northeast Iowa, and in Buffalo, Clark, Jackson, Juneau, La Crosse, Monroe, and Trempealeau counties in western Wisconsin.
- There was moderate (fires start easily and spread at a moderate rate) fire danger in southeast Minnesota. and in Crawford, Grant, Richland, and Vernon counties in western Wisconsin.



For updated DNR Fire Conditions consult the following Web Sites:

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

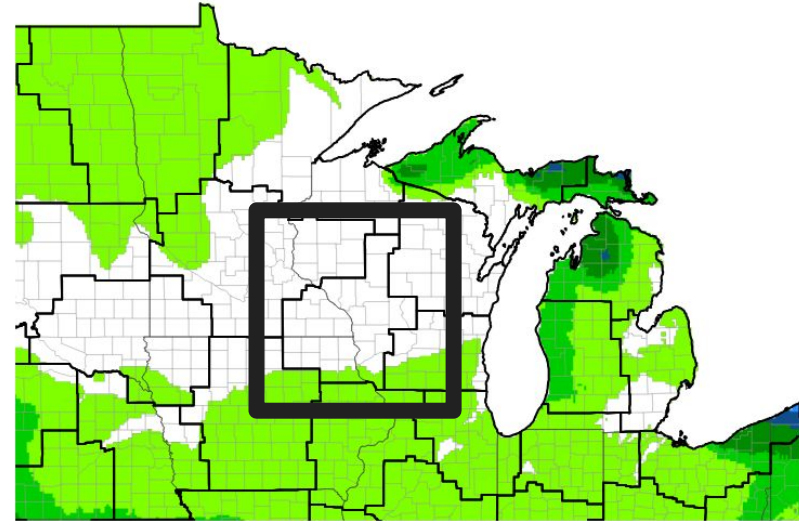




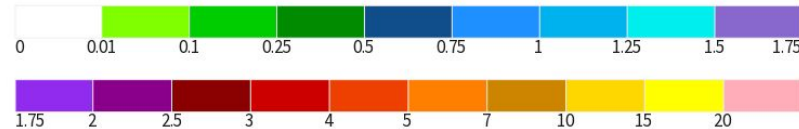
Seven Day Precipitation Forecast

- From November 25 through December 2, the Weather Prediction Center (WPC) is forecasting up to a tenth of an inch of precipitation.
- The highest totals are forecast in Clayton & Fayette counties in northeast Iowa and Grant County in southwest Wisconsin.
- Normal rainfall is around 3-tenths of an inch 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: 11/23/23





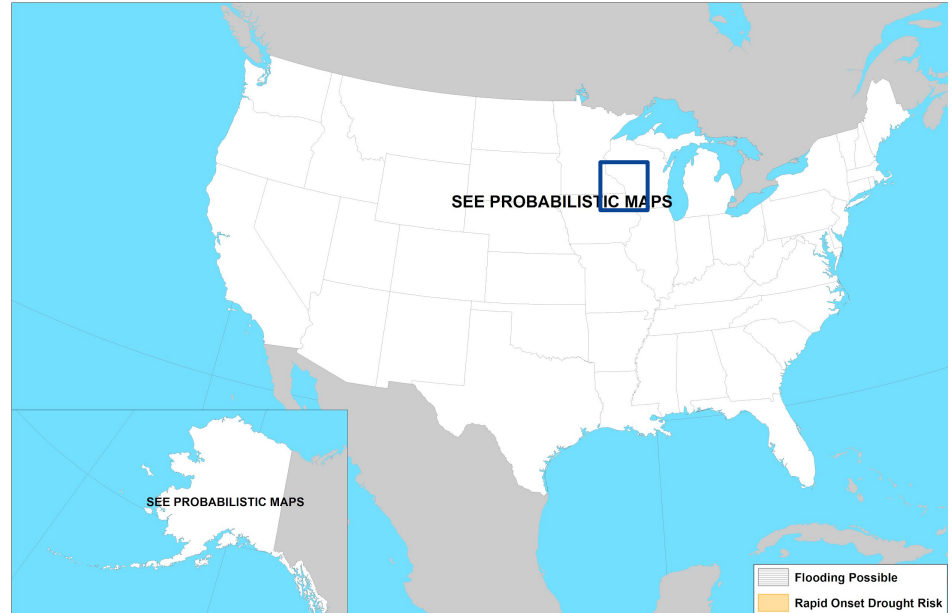
Rapid Onset Drought Outlook

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

- With below-normal temperatures and precipitation forecast, rapid onset drought (at least a 2 category degradation) is not expected in the area from December 1 through December 7.



Day 8-14 U.S. Hazards Outlook
Valid: 12/01/2023-12/07/2023



Climate Prediction Center
Made: 11/23/2023 3PM EST

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

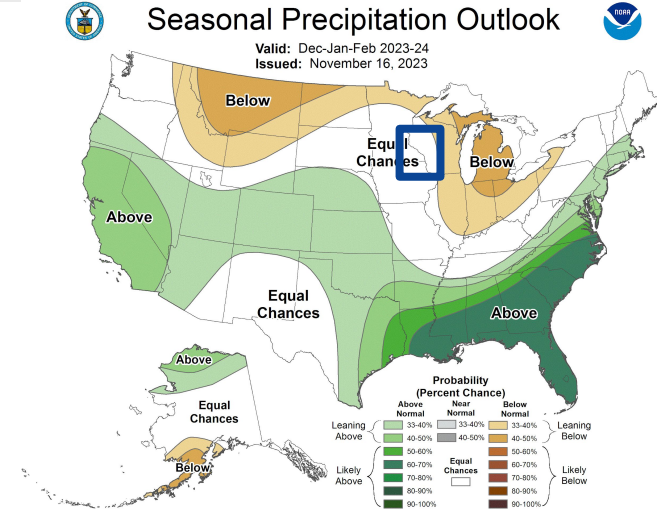
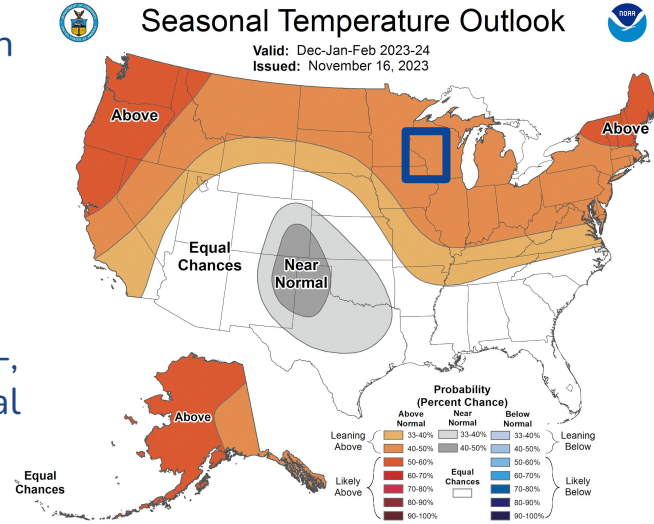




Long-Range Outlooks

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

- From December through February, there is enhanced chances for warmer-than-normal temperatures.
- Meanwhile, there are equal chances of above-, near-, and below-normal precipitation.



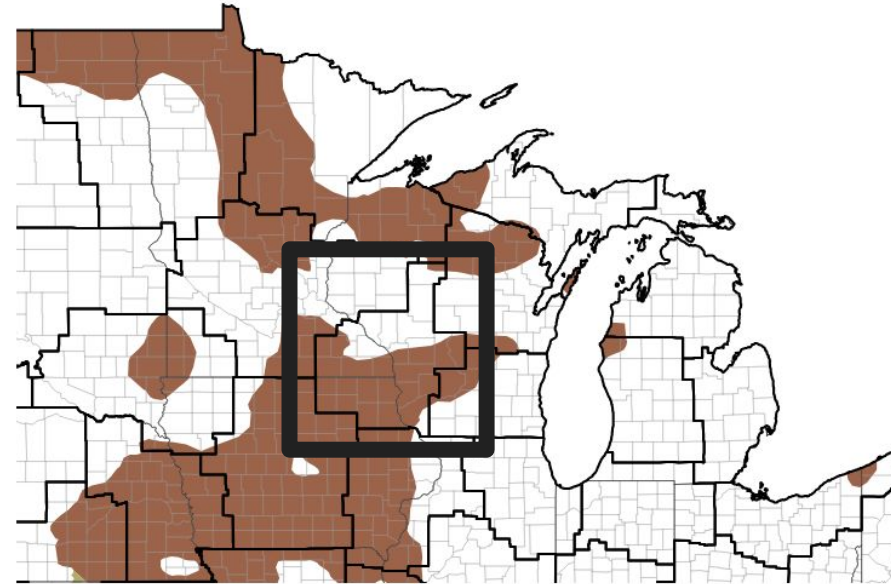


Drought Outlook

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

- According to the latest U.S. Seasonal Drought Outlook (November 16 through February 29), the drought is expected to persist 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: 11/16/23

