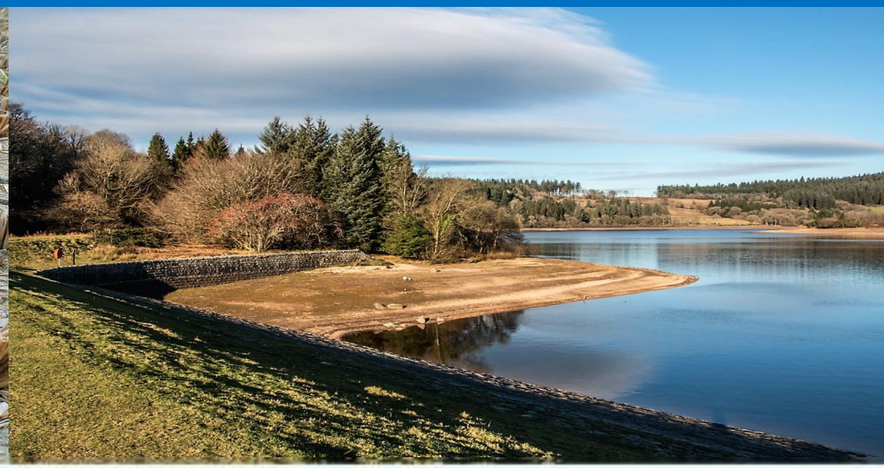
Drought Information Statement for Southern Wisconsin

Valid Nov 2, 2023

Issued By: NWS Milwaukee

Contact Information: nws.milwaukee@noaa.gov

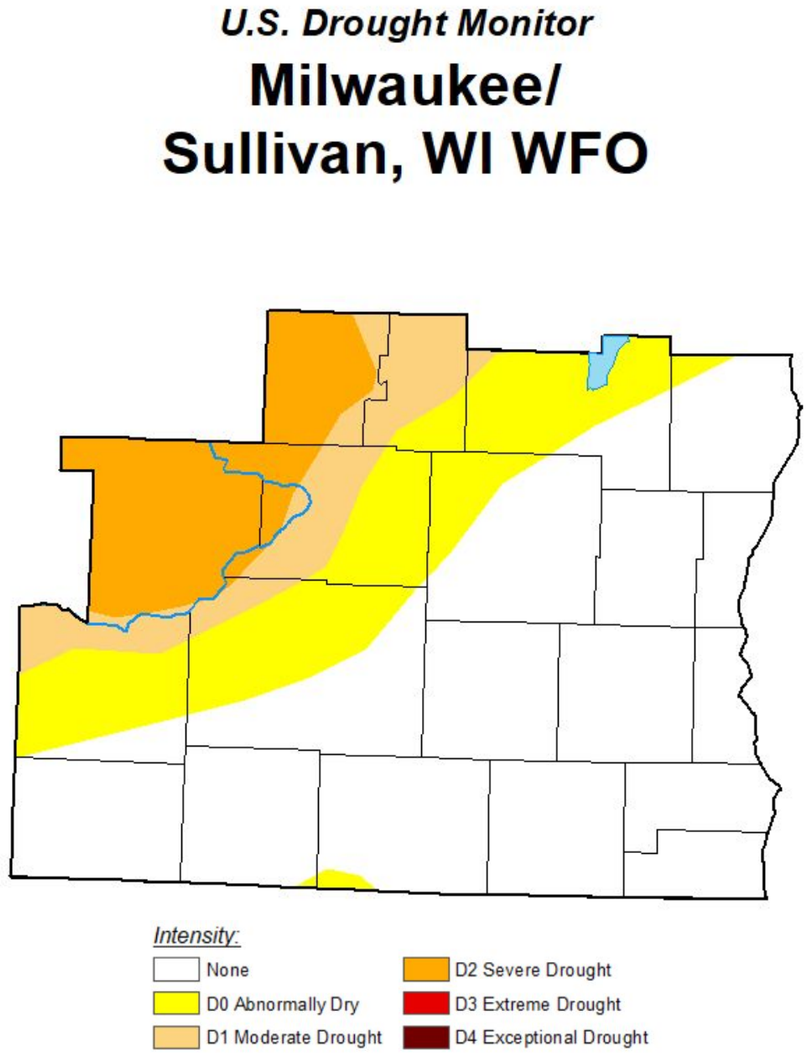
- This product will be updated November 16, 2023 or sooner if conditions change considerably.
- Please see all currently available products at **https://drought.gov/drought-information-statements**
- Please visit **https://www.weather.gov/mkx/DroughtInformationStatement** for previous statements.

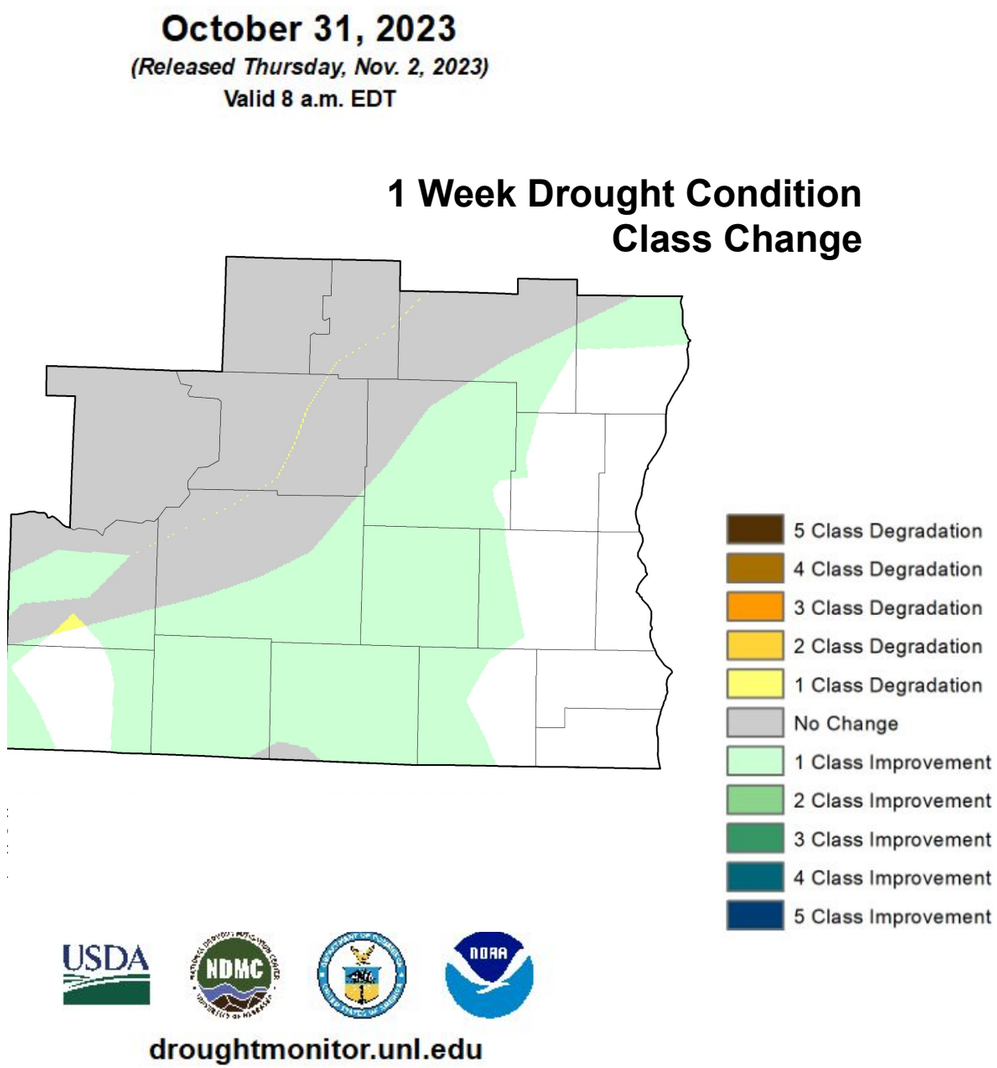


Southern Wisconsin Drought Update

November 2, 2023
9:30 AM

- Drought improved across parts of southern Wisconsin after 0.5 - 1 inches of rain over the past week. Conditions went from abnormally dry to no drought.
- Severe drought remains across Sauk, western Columbia, and Marquette counties. Moderate drought remains across Green Lake, central Columbia, northwest Dane, and northern Iowa counties.
- Abnormally dry conditions are indicated in Fond du Lac, eastern Columbia, northwest Dodge, central Dane and central Iowa counties. There is no drought across the remainder of southern Wisconsin.





Precipitation

November 2, 2023
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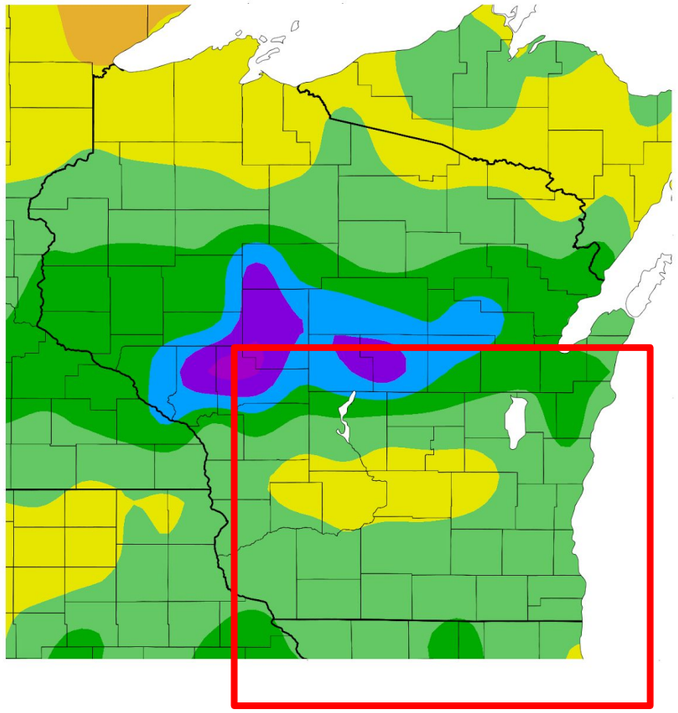
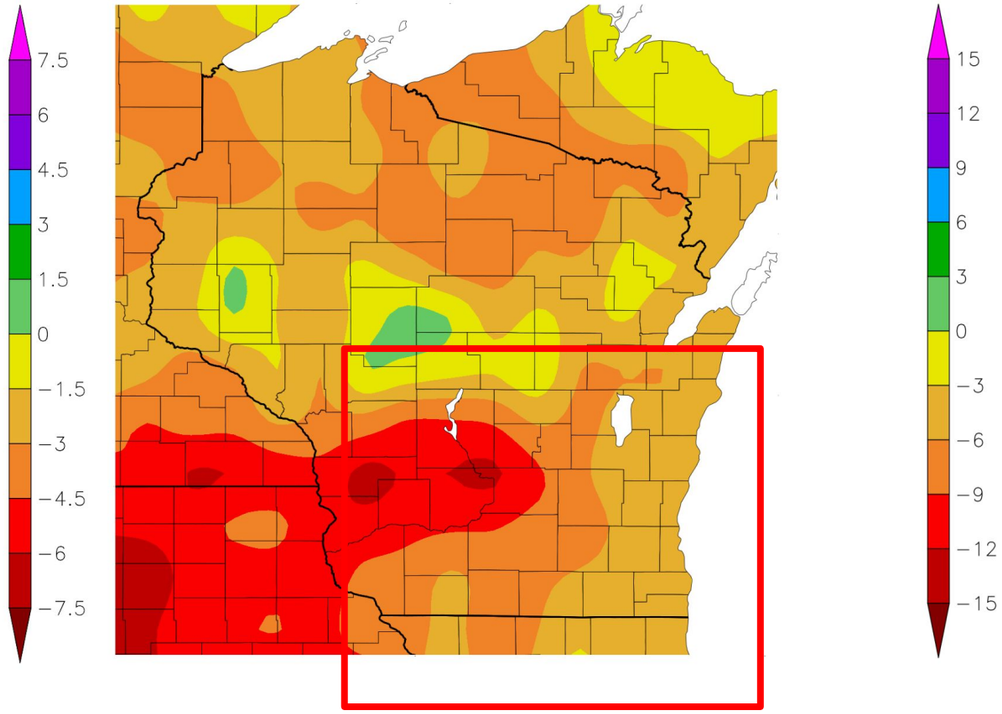
- Precipitation over the past month was 2-4 inches, with the lowest values in the severe drought area. Totals are within 1.5 inches of average, and many areas are at a surplus.

- Deficits since May in the severe drought area are 9 to 12 inches and 3 to 9 inches elsewhere.

Departure from Normal Precipitation (in)
10/1/2023 – 10/30/2023



Departure from Normal Precipitation (in)
5/2/2023 – 11/1/2023



Images courtesy of High Plains Regional Climate Center

Current Conditions

November 2, 2023
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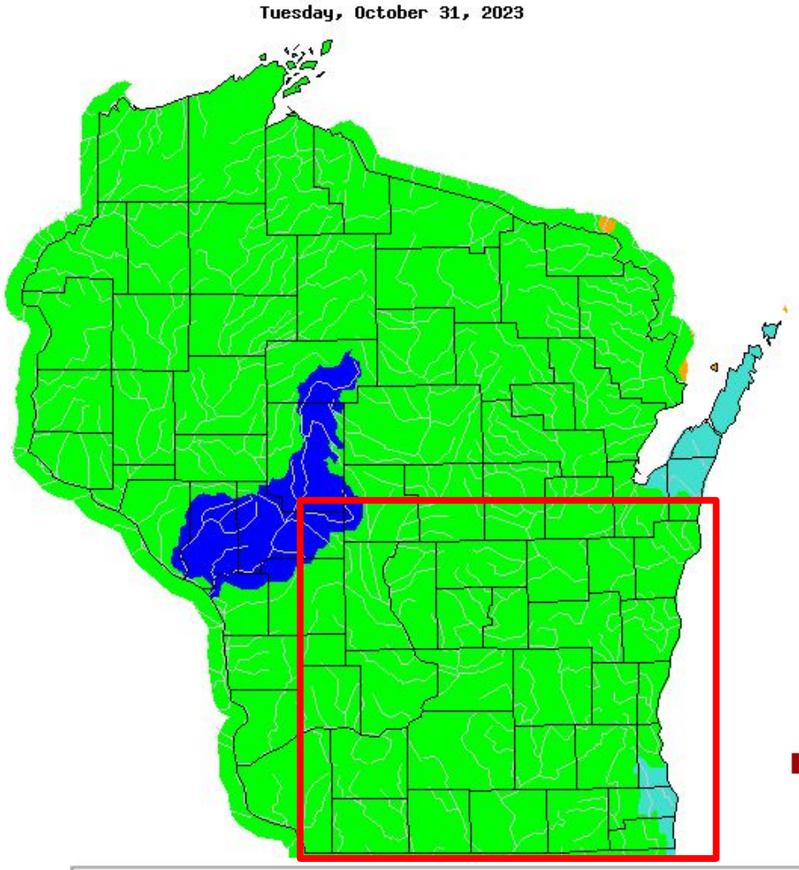
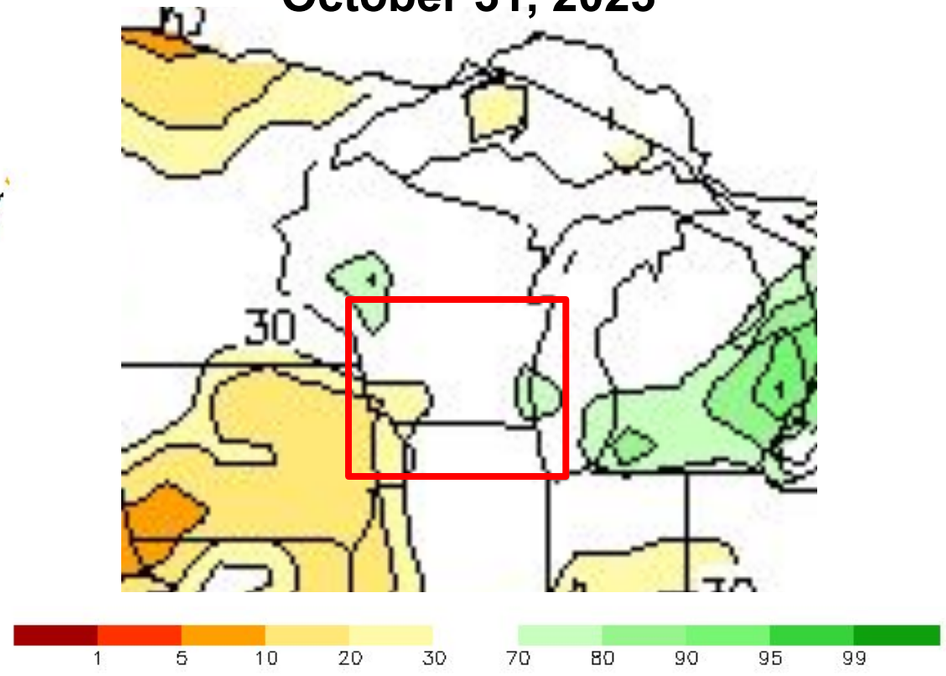
- Streamflows are in the normal range, 25-75th percentile across southern Wisconsin.

- Soil moisture is in the normal range, the 30-70th percentile, for most of southern Wisconsin. It has improved across south-west and south-central Wisconsin over the past few weeks.

28 Day Streamflow



CPC Calculated Soil Moisture Ranking Percentile October 31, 2023



Fire Hazard

November 2, 2023
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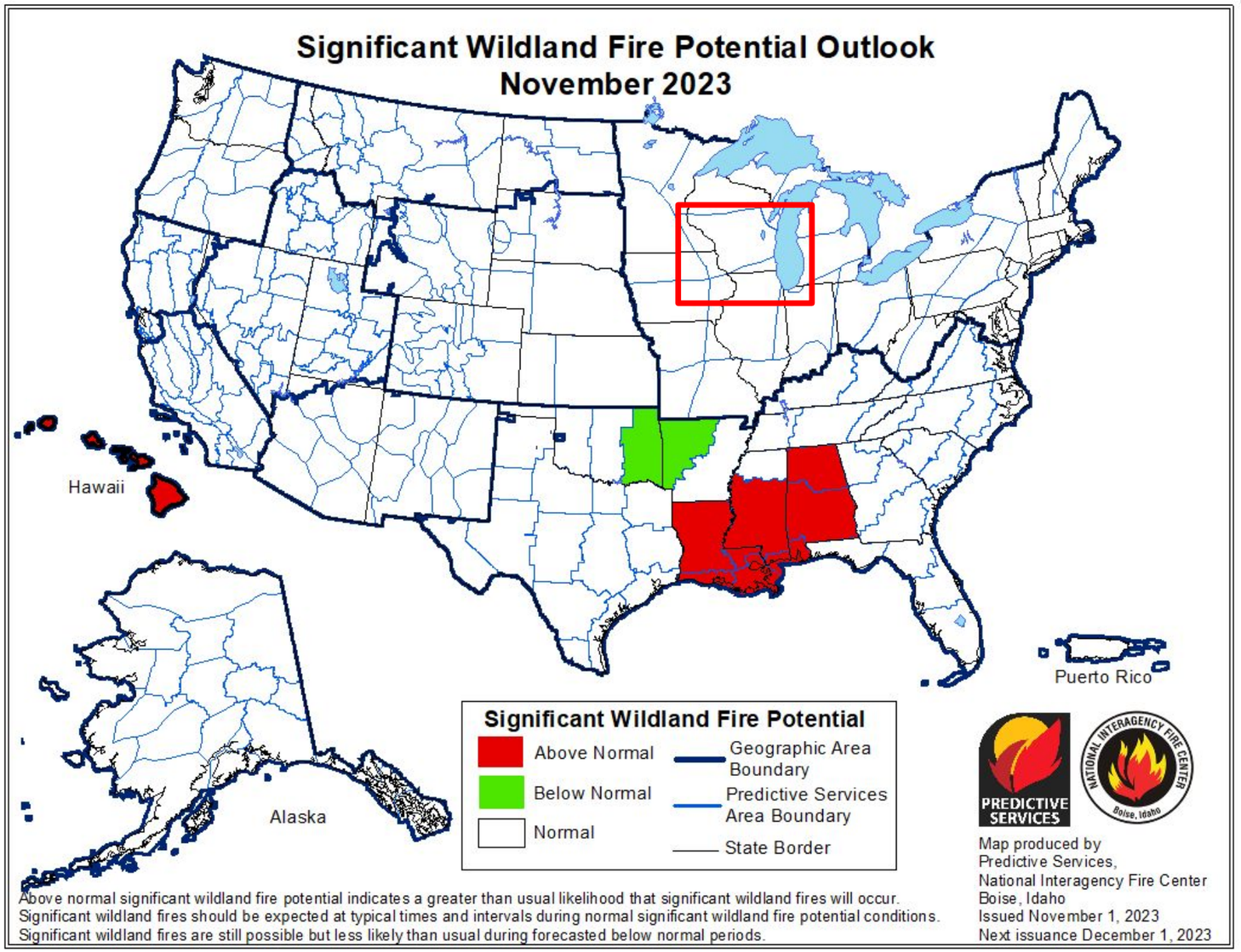
Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center]

- Significant Wildland Fire Potential Outlook from the National Interagency Fire Center indicates normal wildland fire potential for November

- WI DNR Fire Danger is rated as low



Summary of Impacts

November 2, 2023
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Links: See/submit Condition Monitoring Observer Reports (CMOR) and view the Drought Impacts Reporter

Hydrologic Impacts

- Streamflows are in the normal range, 25-75th percentile across southern Wisconsin.

Agricultural Impacts

- Growing season is ending. Yields were reduced.

Fire Hazard Impacts

- Wisconsin DNR Fire Danger is rated as low.

Mitigation Actions

- No known actions

7 Day Precipitation Forecast

November 2, 2023
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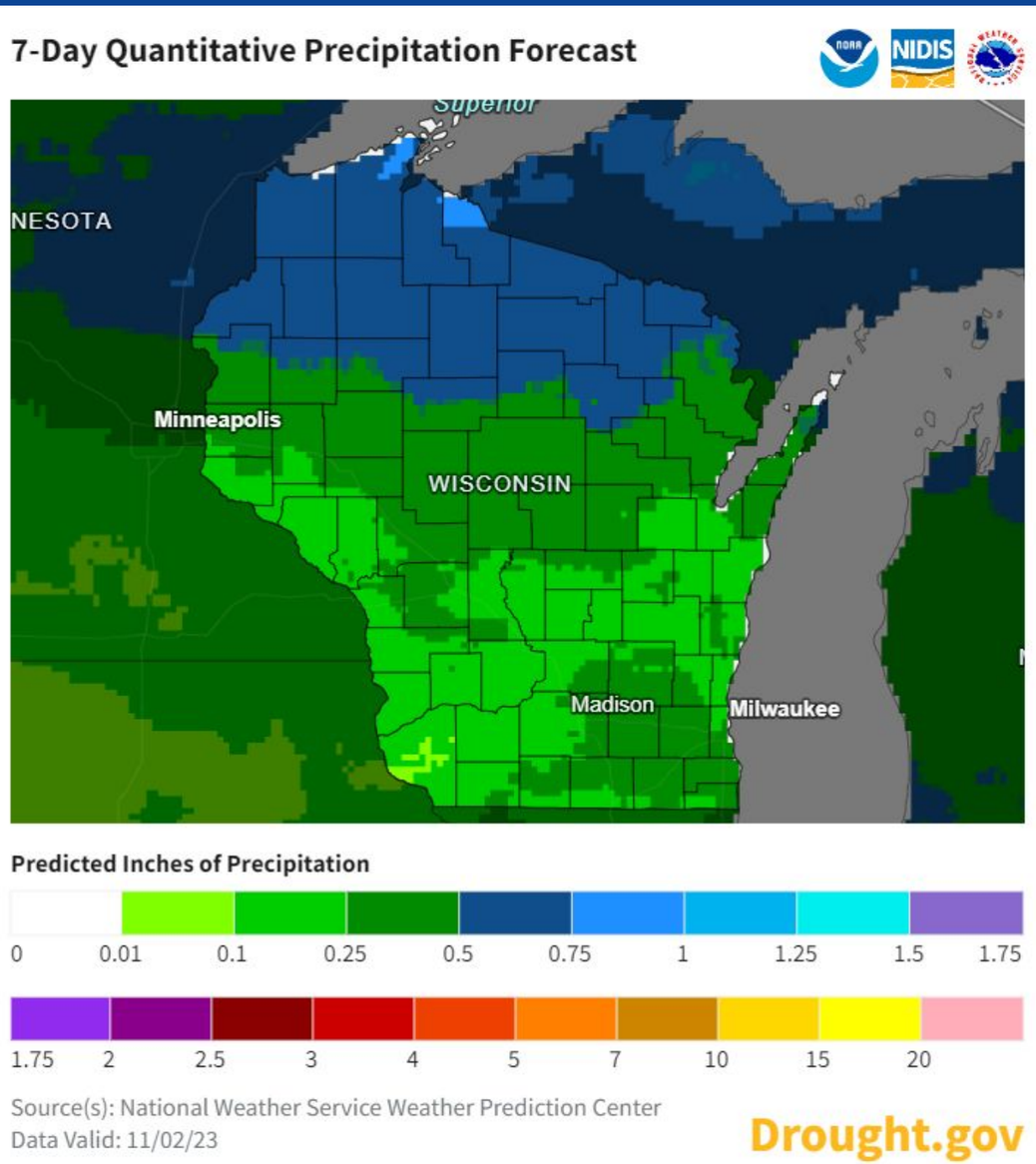

- There are a few chances for rain across southern Wisconsin over the next week.
- Amounts will likely be less than 0.75 inches.

Week 2 Outlook

November 2, 2023
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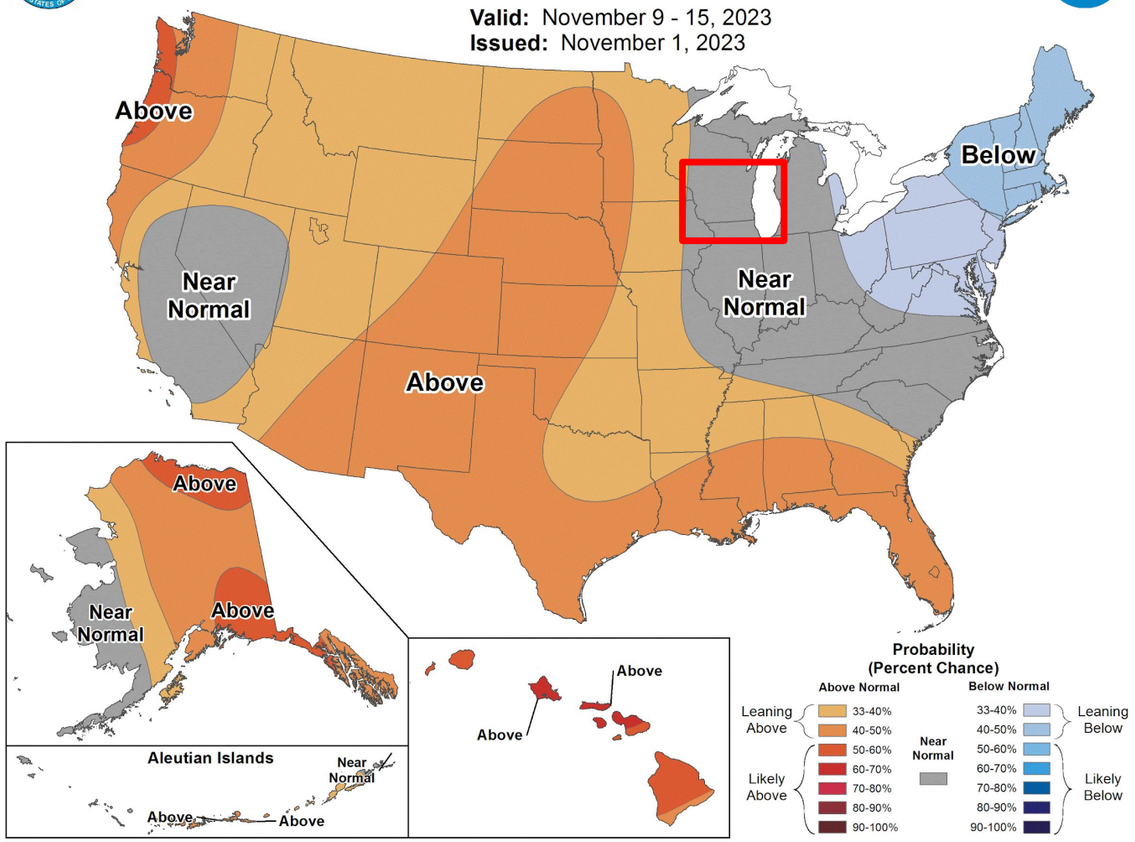
8-14 Day Temperature Outlook

Valid: November 9 - 15, 2023
Issued: November 1, 2023



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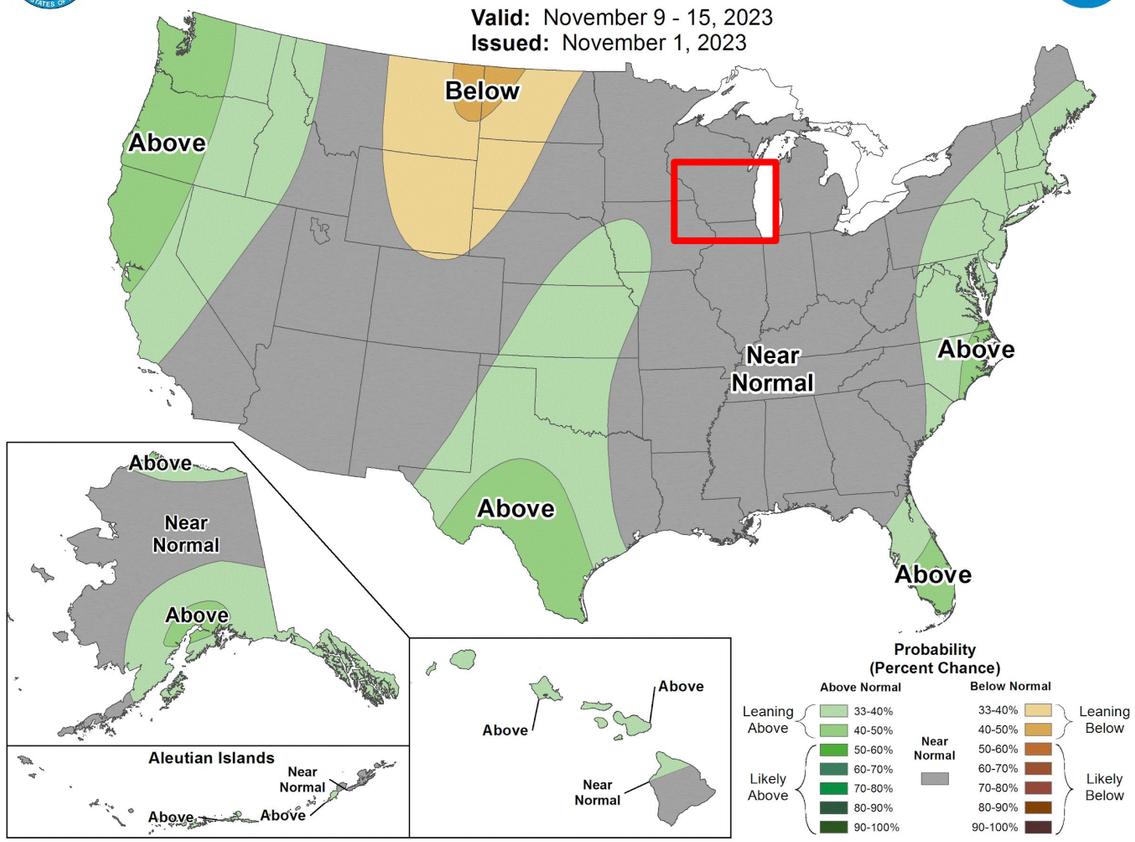


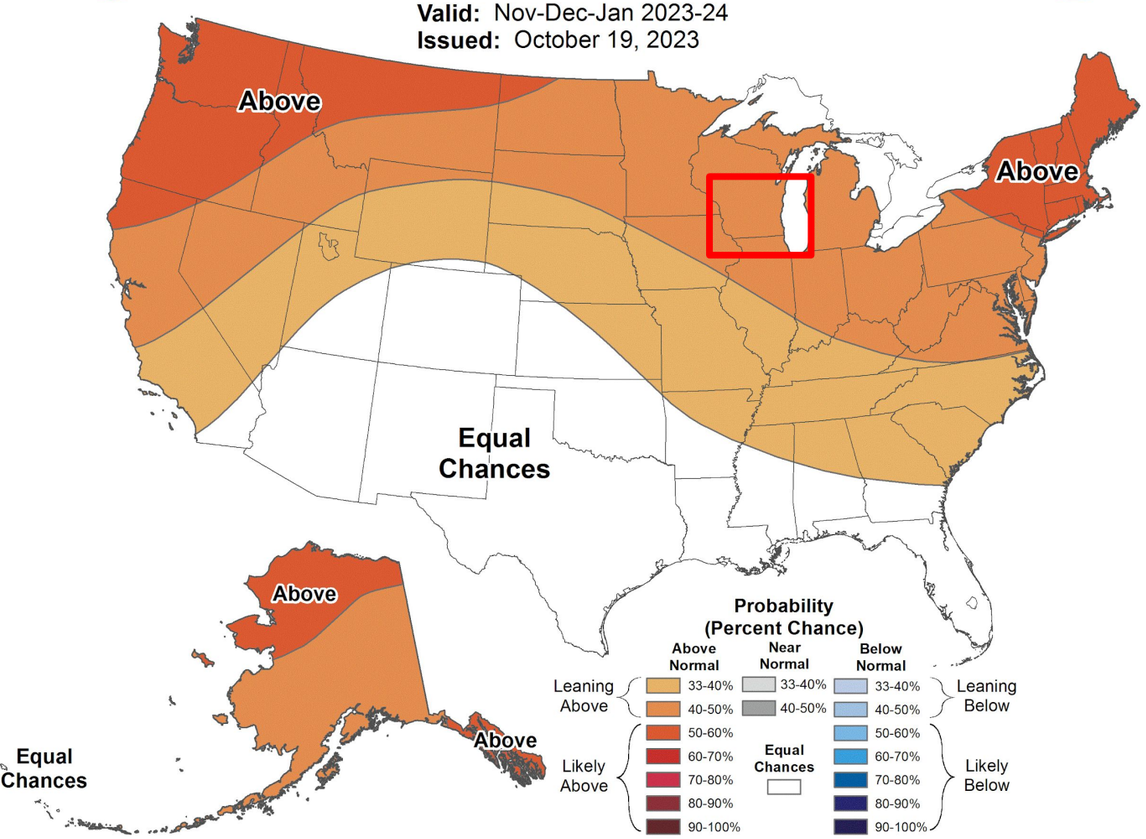
- There are enhanced odds for near average temperature and near average precipitation.

Extended Outlook

November 2, 2023
9:30 AM

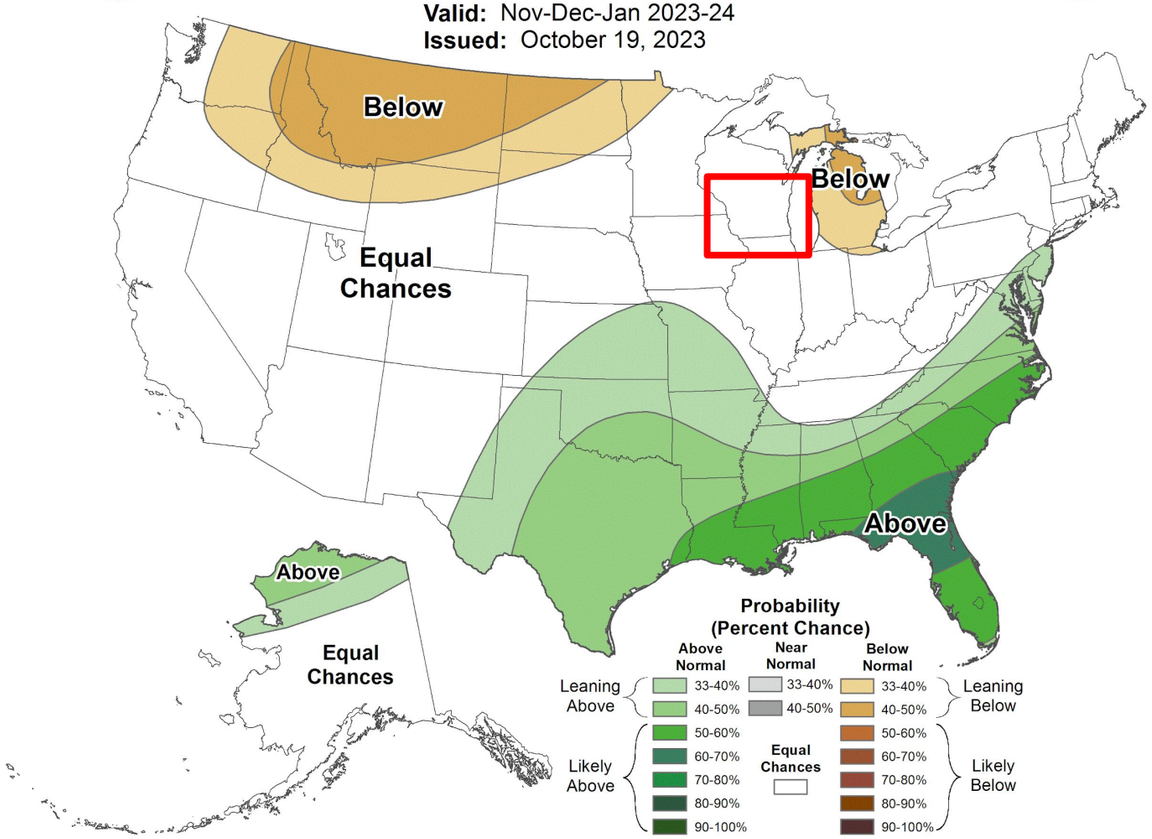
Seasonal Temperature Outlook

Valid: Nov-Dec-Jan 2023-24
Issued: October 19, 2023



Seasonal Precipitation Outlook

Valid: Nov-Dec-Jan 2023-24
Issued: October 19, 2023



- There are enhanced odds of above average temperature and near average precipitation

Drought Outlook

November 2, 2023
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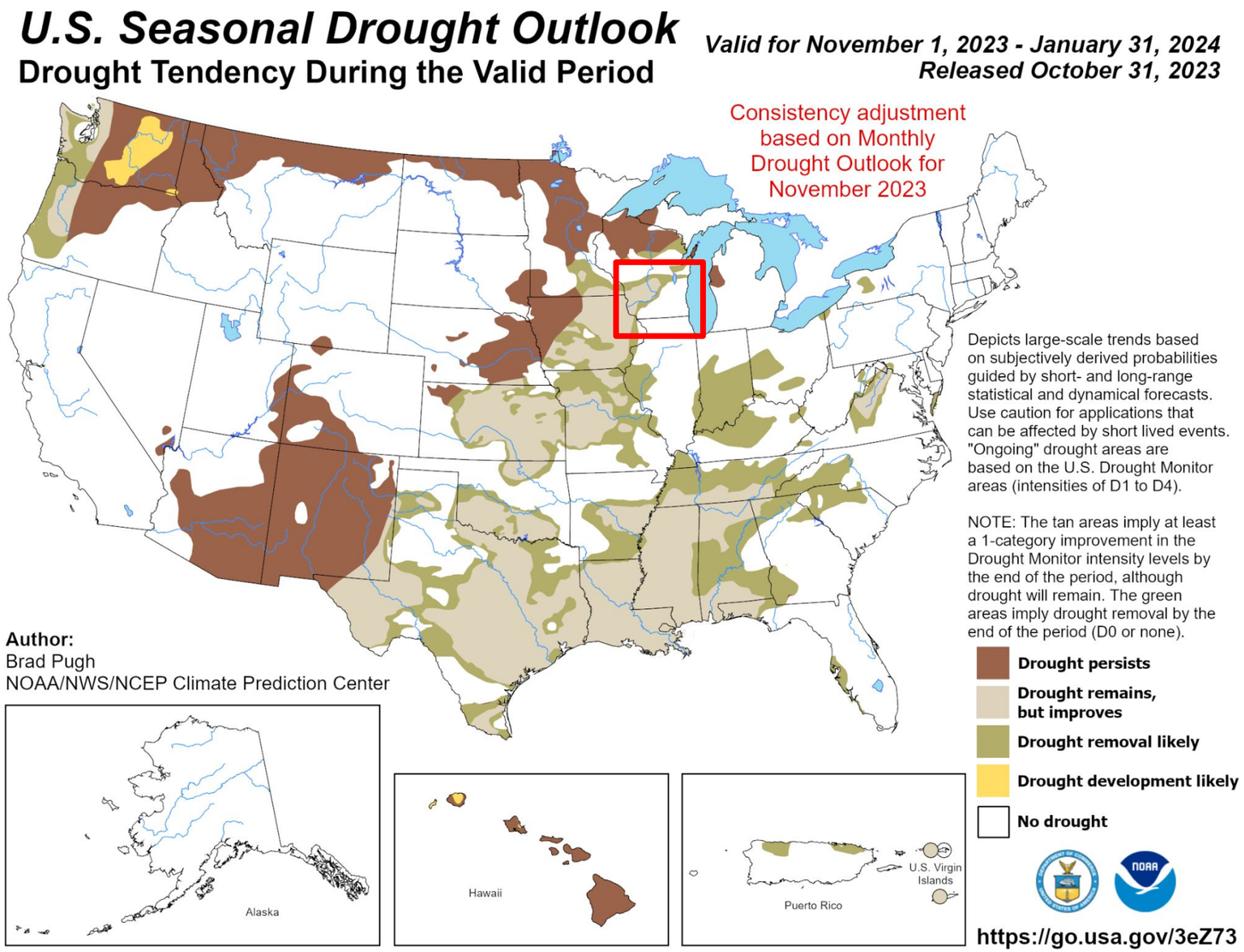
The latest monthly and seasonal outlooks can be found on the CPC homepage

- Drought is forecast to improve or end across southwest Wisconsin over the next 3 months
- The lack of a dry signal in the 3 month precipitation outlook favors some drought improvement



Links to the latest:
Climate Prediction Center Monthly Drought Outlook
Climate Prediction Center Seasonal Drought Outlook