



# Drought Information Statement for Southern Wisconsin

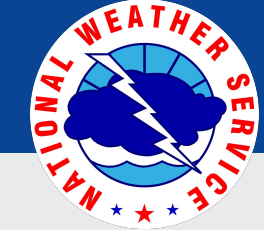
Valid Nov 2, 2023

Issued By: NWS Milwaukee

Contact Information: [nws.milwaukee@noaa.gov](mailto: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.





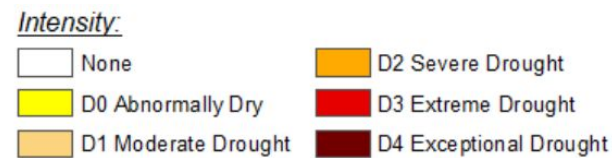
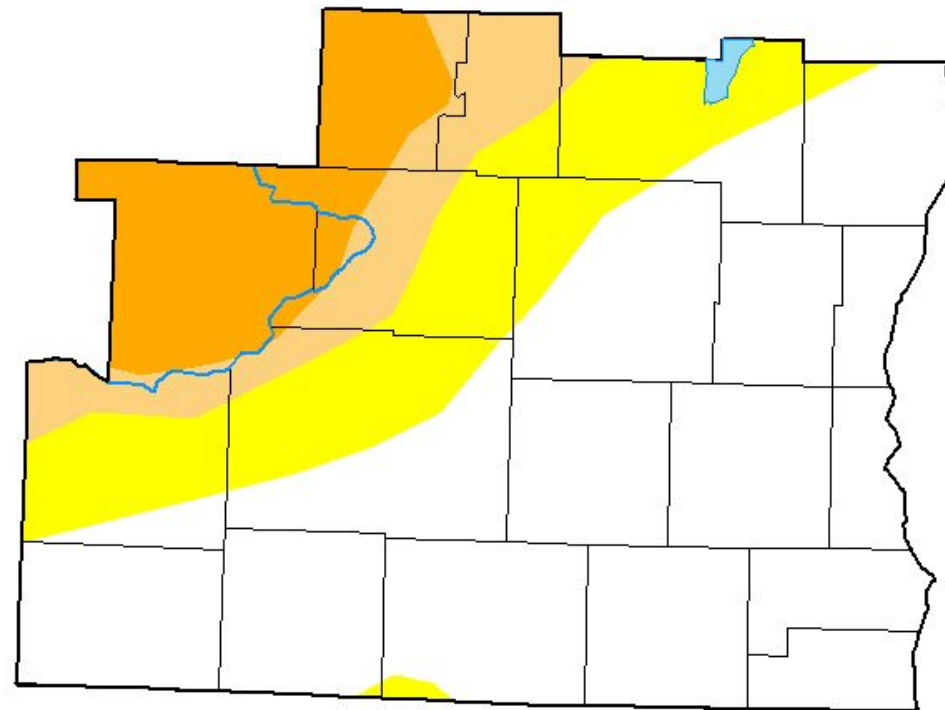
# Southern Wisconsin Drought Update

November 2, 2023  
9:30 AM

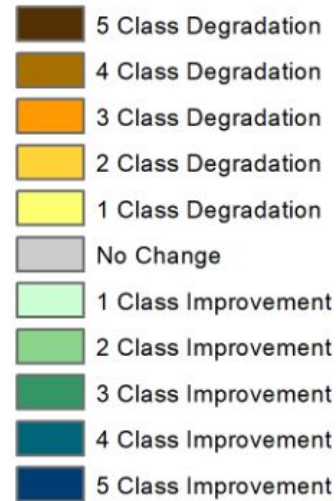
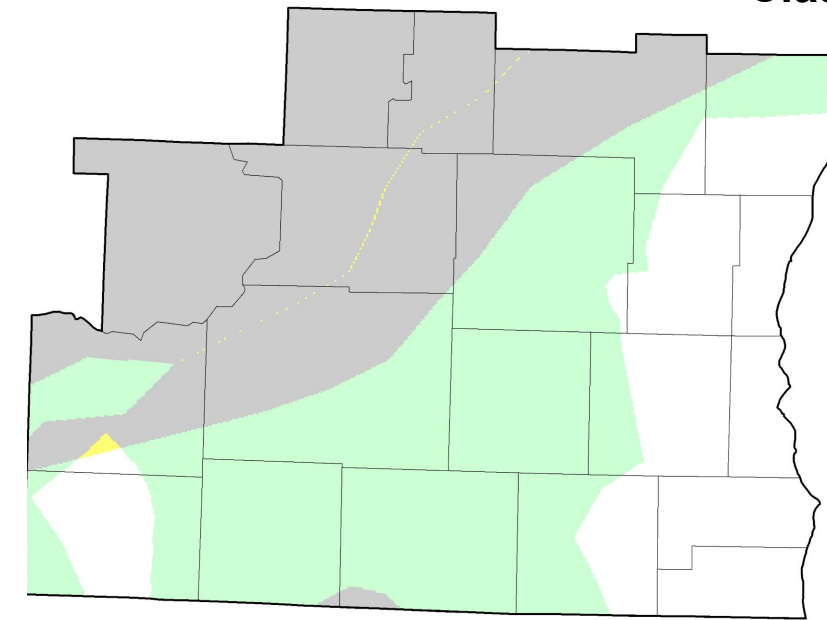
- Drought improved across parts of southern Wisconsin after 0.5 - 1 inches of rain over the past week. Conditions went from abnormally dry to no drought.
- Severe drought remains across Sauk, western Columbia, and Marquette counties. Moderate drought remains across Green Lake, central Columbia, northwest 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.

## U.S. Drought Monitor Milwaukee/ Sullivan, WI WFO

October 31, 2023  
(Released Thursday, Nov. 2, 2023)  
Valid 8 a.m. EDT



## 1 Week Drought Condition Class Change

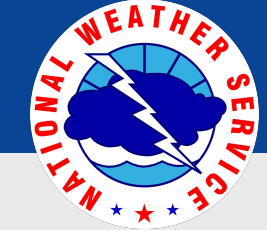


[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)



National Oceanic and  
Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Milwaukee, WI

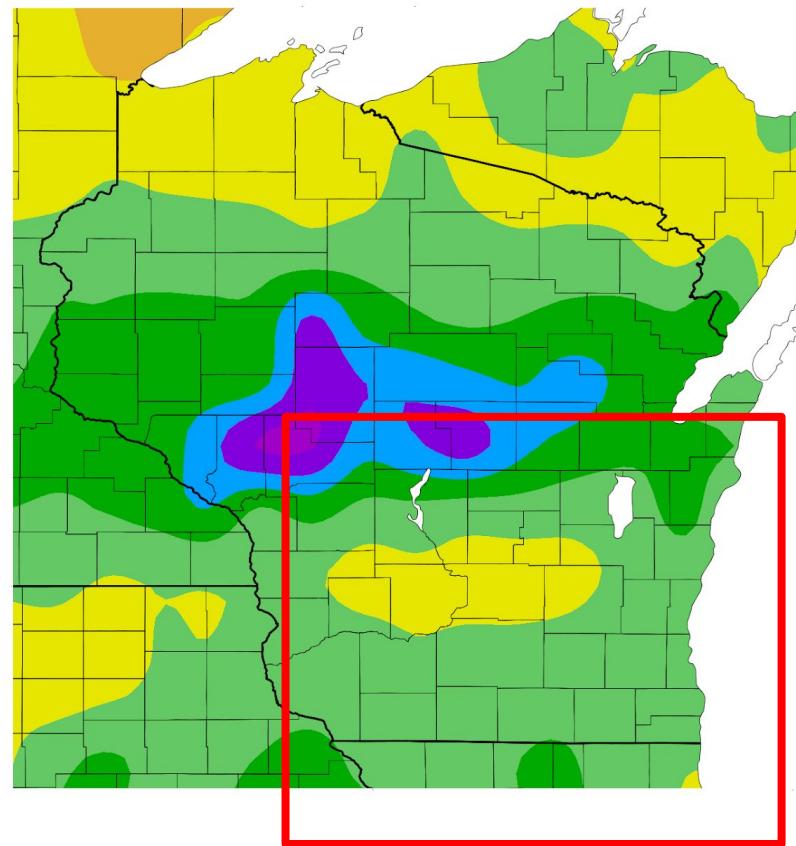


# Precipitation

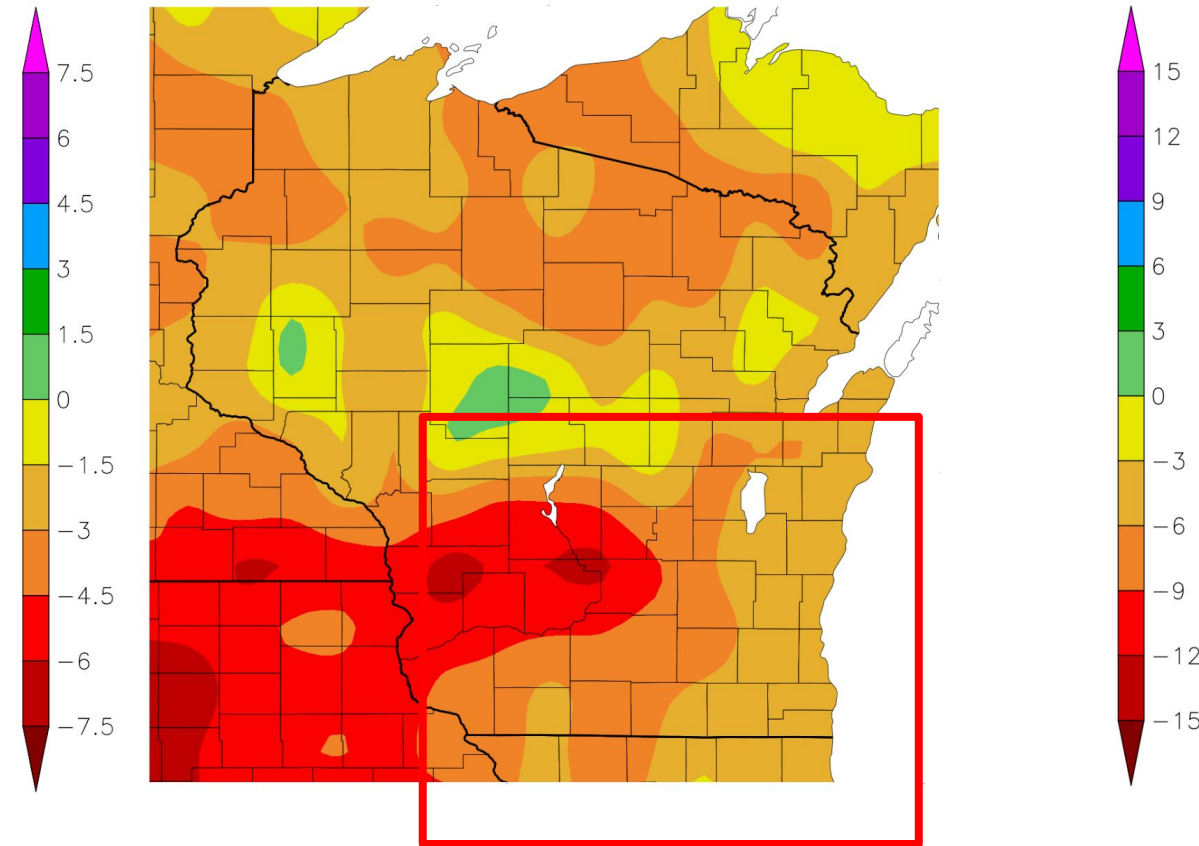
November 2, 2023  
9:30 AM

- 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

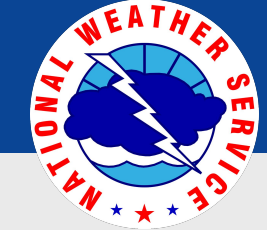


Departure from Normal Precipitation (in)  
5/2/2023 – 11/1/2023



Images courtesy of High Plains Regional Climate Center





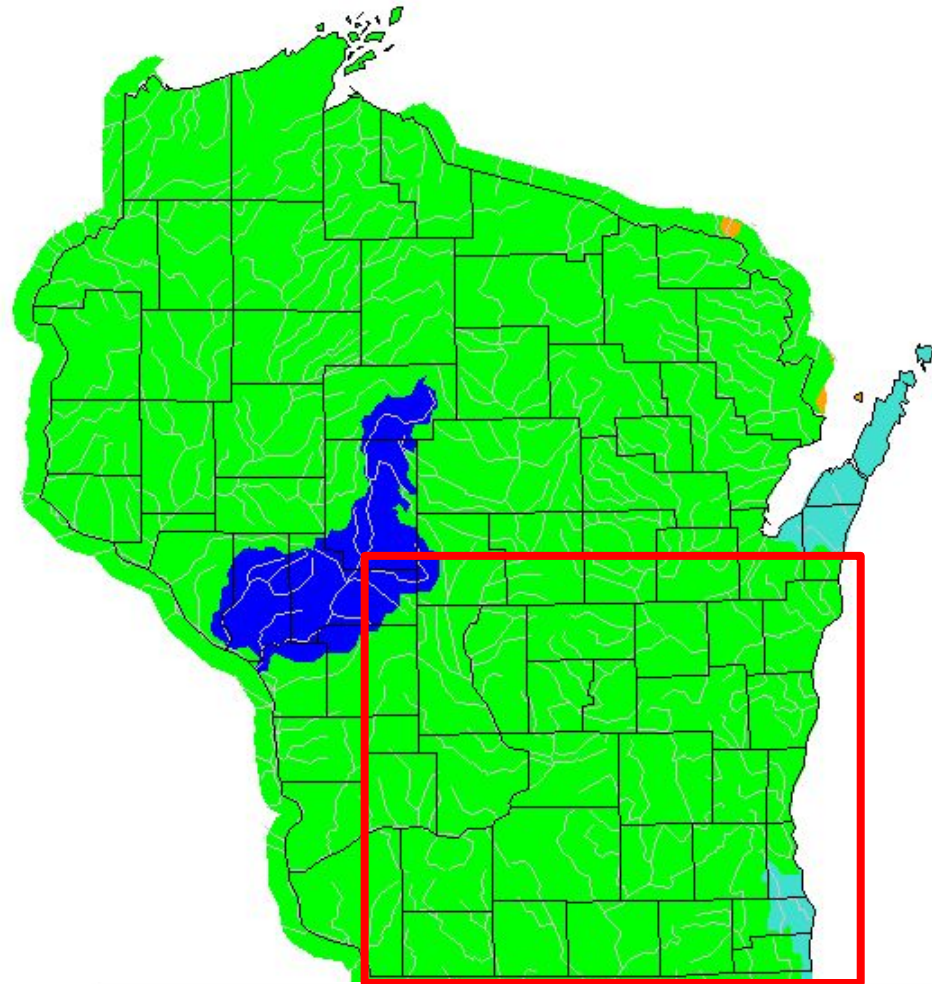
# Current Conditions

November 2, 2023  
9:30 AM

- 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.

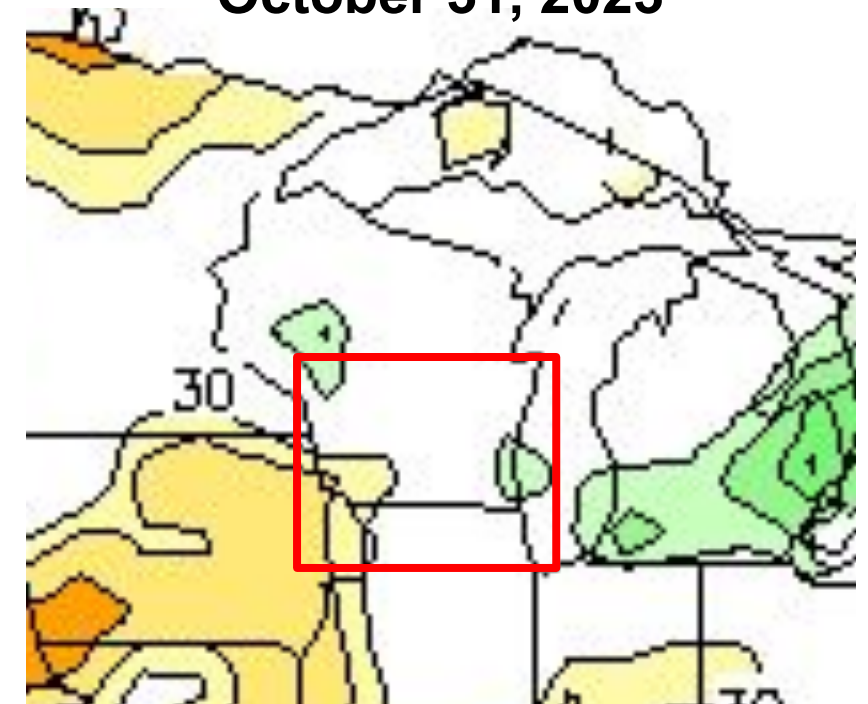
## 28 Day Streamflow

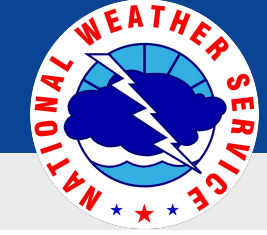
Tuesday, October 31, 2023



Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	Not-ranked
	Much below normal	Below normal	Normal	Above normal	Much above normal		

## CPC Calculated Soil Moisture Ranking Percentile October 31, 2023



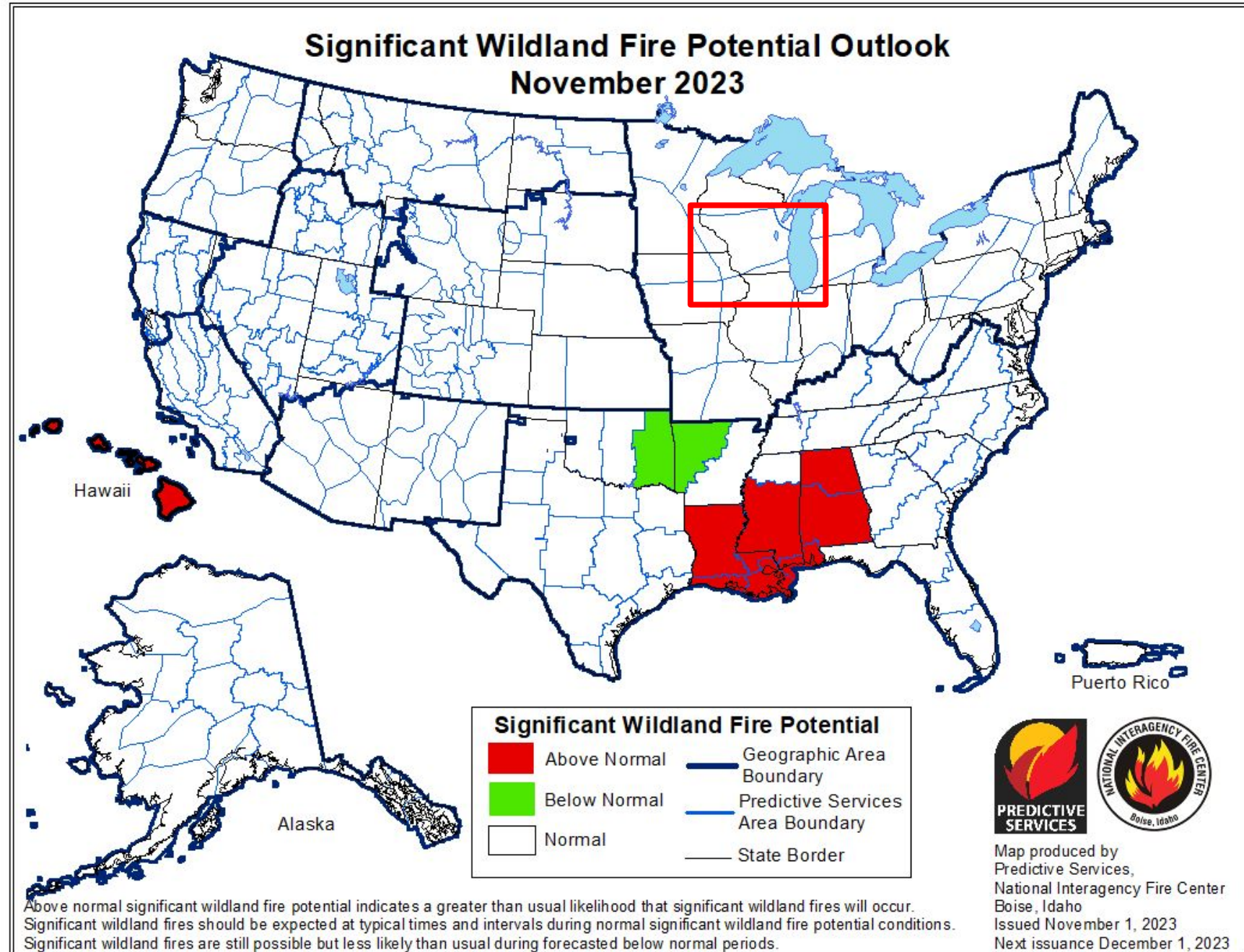


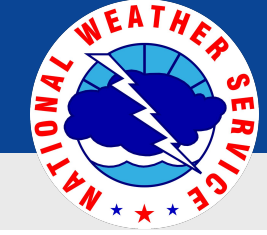
# Fire Hazard

November 2, 2023  
9:30 AM

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  
9:30 AM

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.

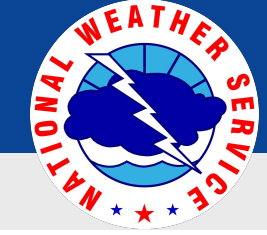
## Fire Hazard Impacts

- Wisconsin DNR Fire Danger is rated as low.

## Mitigation Actions

- No known actions

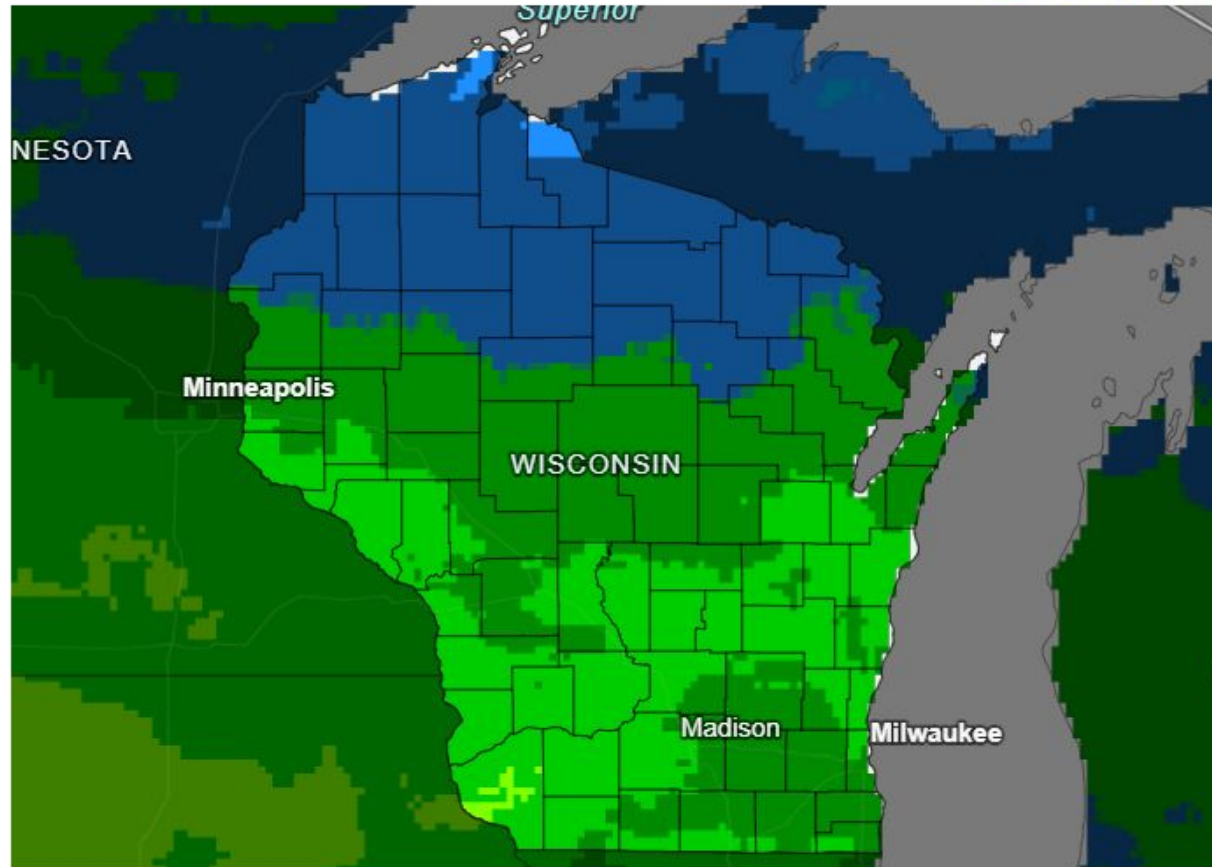




# 7 Day Precipitation Forecast

November 2, 2023  
9:30 AM

## 7-Day Quantitative Precipitation Forecast



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

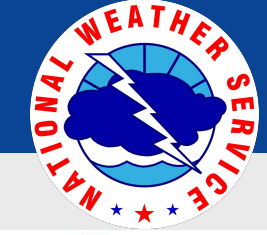
Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center  
Data Valid: 11/02/23

[Drought.gov](https://drought.gov)





# Week 2 Outlook

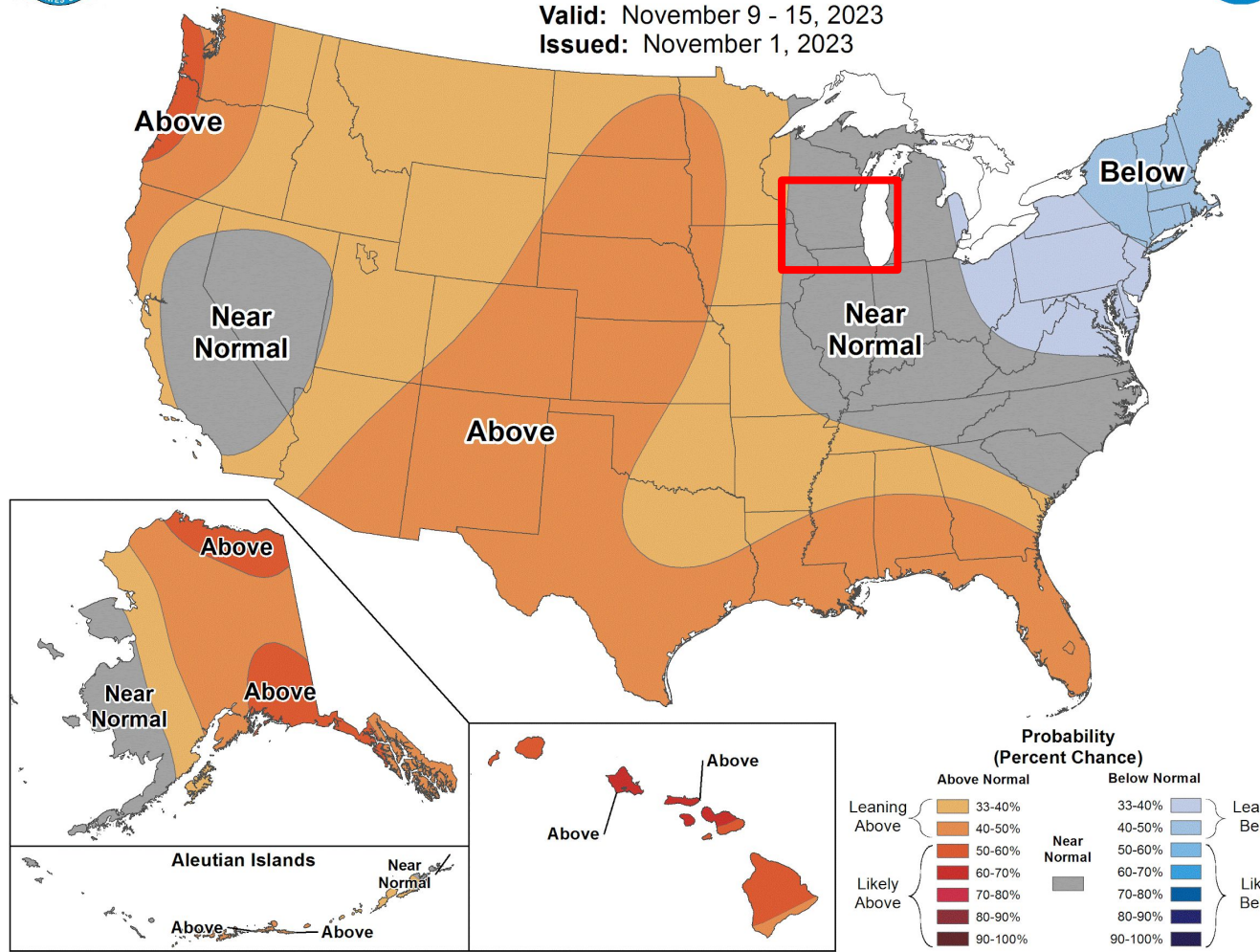
November 2, 2023  
9:30 AM



## 8-14 Day Temperature Outlook



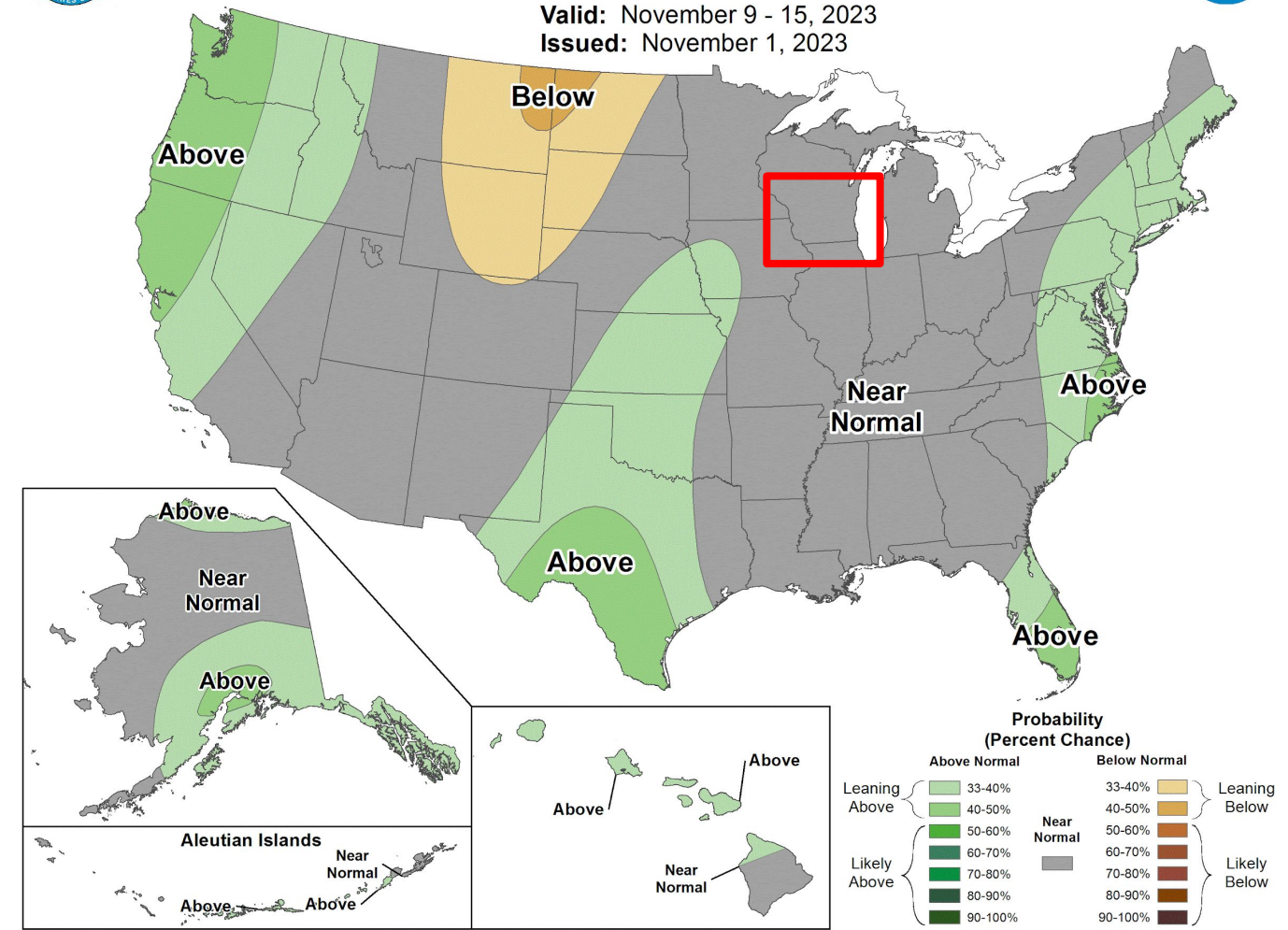
Valid: November 9 - 15, 2023  
Issued: November 1, 2023



## 8-14 Day Precipitation Outlook



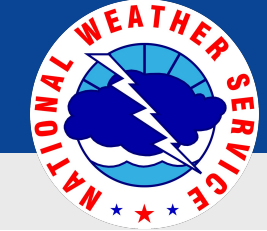
Valid: November 9 - 15, 2023  
Issued: November 1, 2023



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







# Extended Outlook

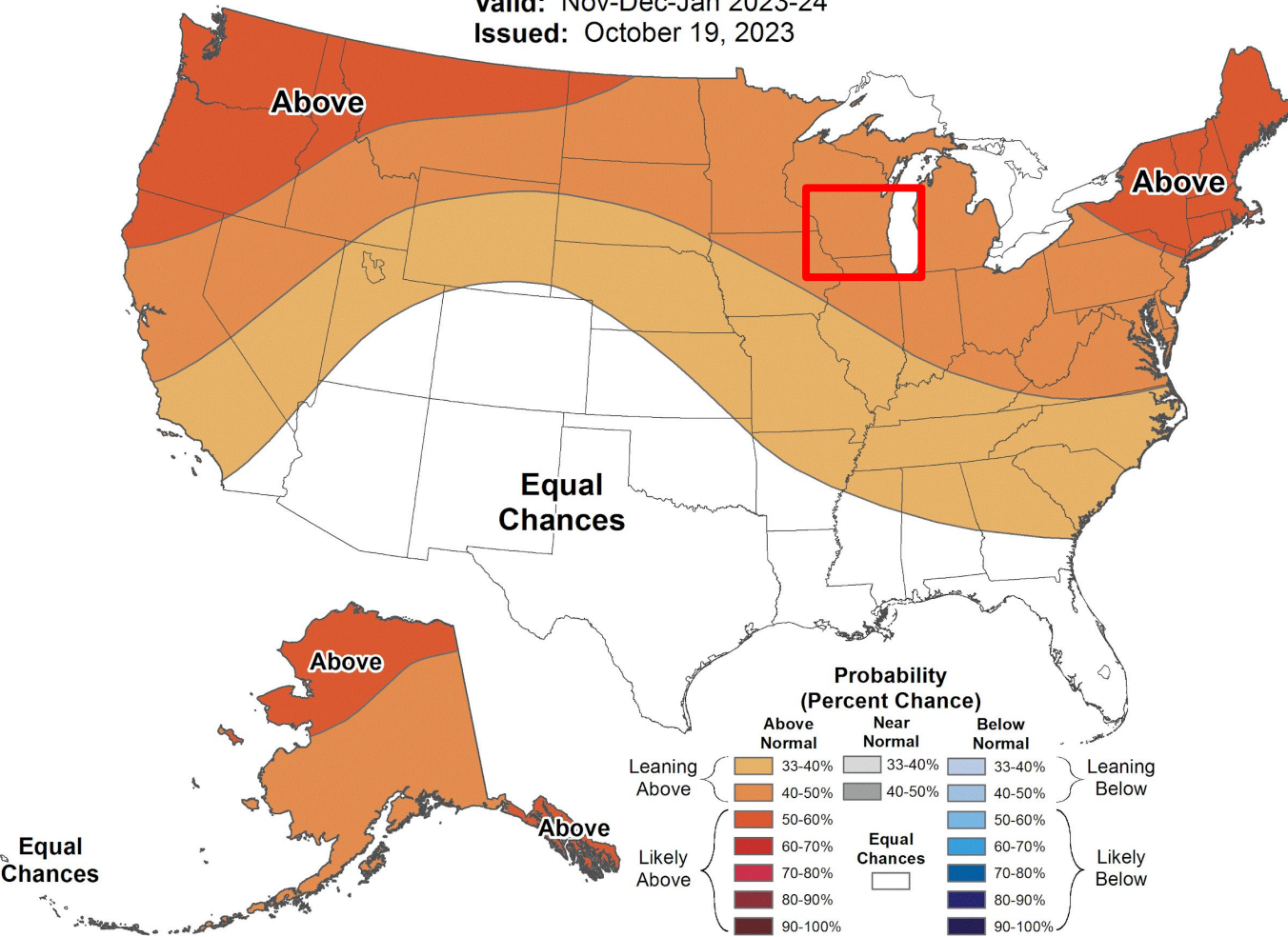
November 2, 2023  
9:30 AM



## Seasonal Temperature Outlook



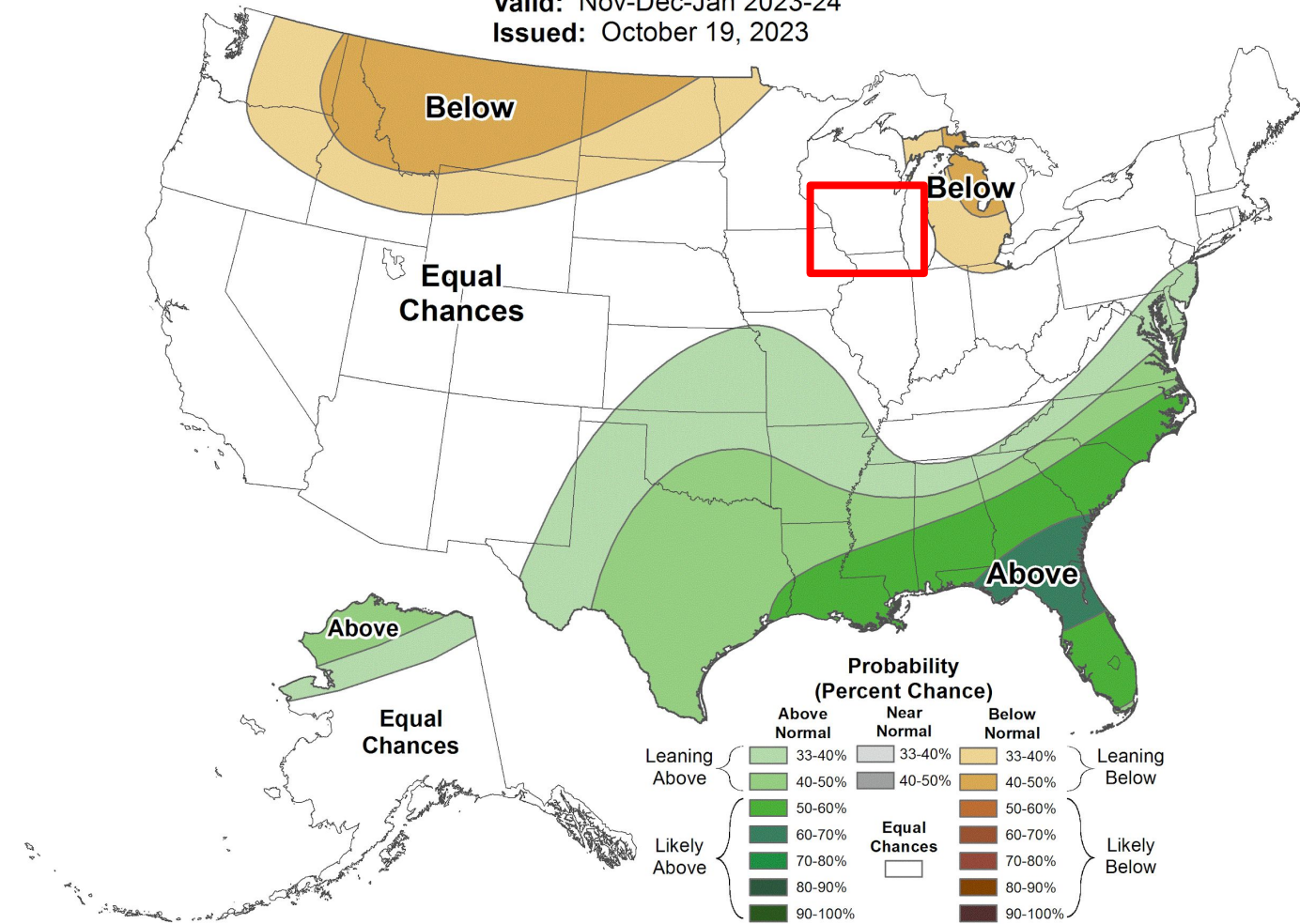
Valid: Nov-Dec-Jan 2023-24  
Issued: October 19, 2023



## Seasonal Precipitation Outlook

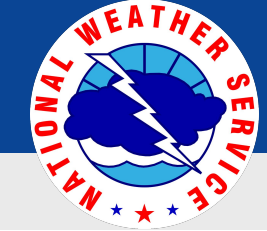


Valid: Nov-Dec-Jan 2023-24  
Issued: October 19, 2023



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





# Drought Outlook

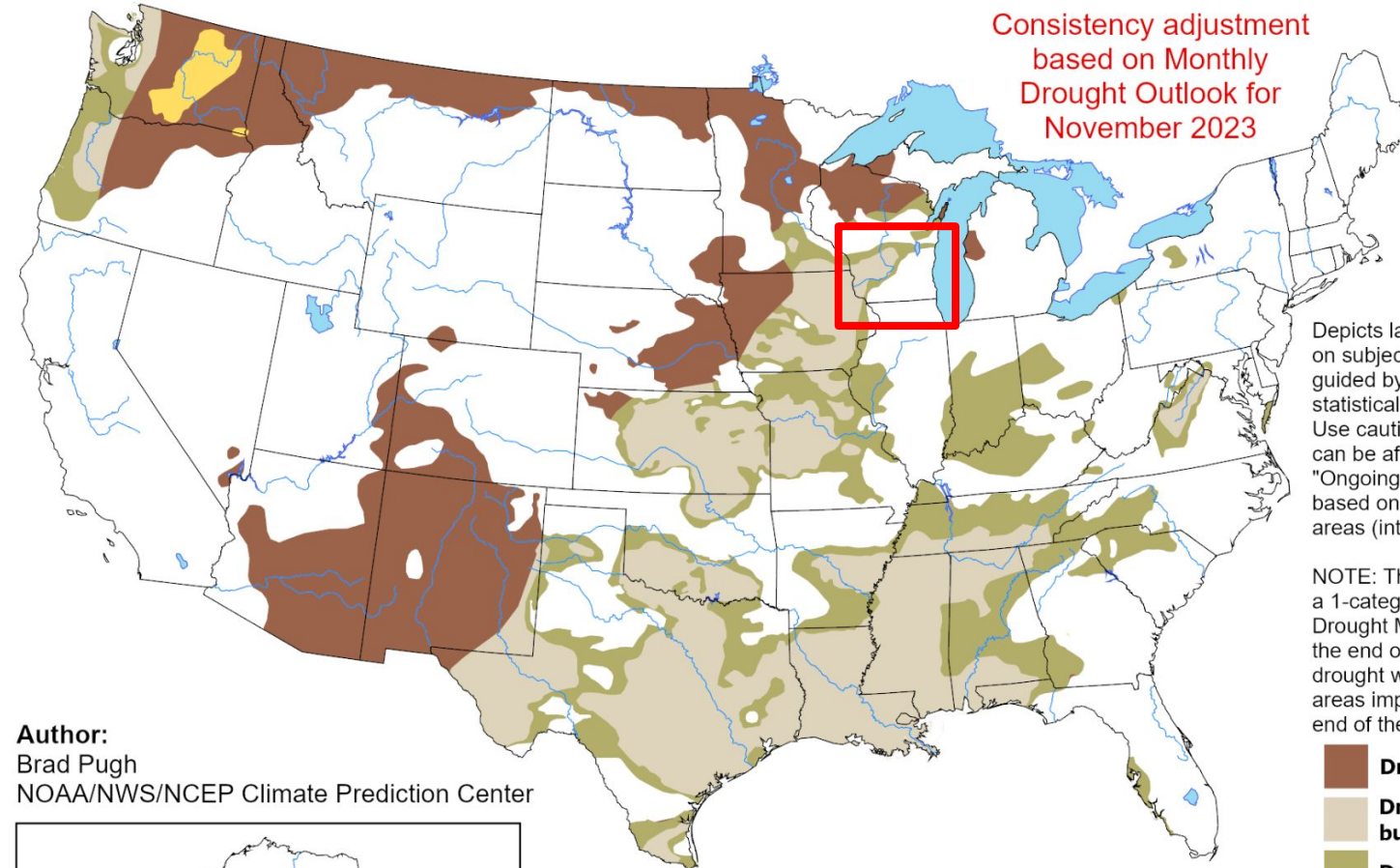
November 2, 2023  
9:30 AM

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

## U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

Valid for November 1, 2023 - January 31, 2024  
Released October 31, 2023

- 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

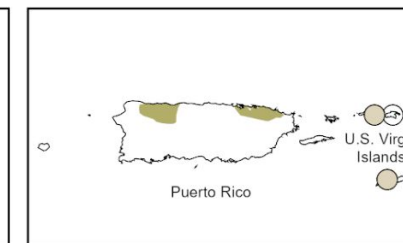
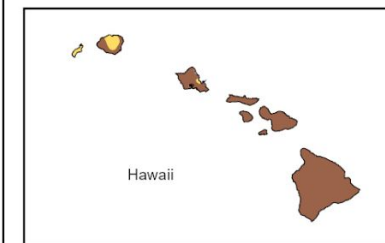
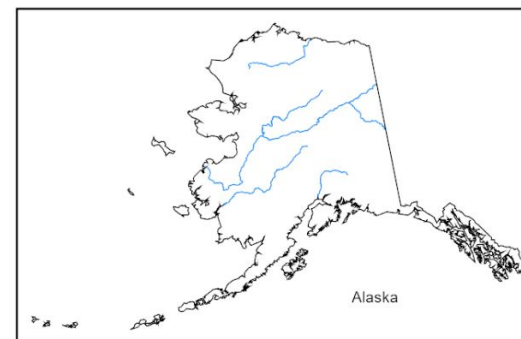


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

- Drought persists
- Drought remains, but improves
- Drought removal likely
- Drought development likely
- No drought

Author:  
Brad Pugh  
NOAA/NWS/NCEP Climate Prediction Center



<https://go.usa.gov/3eZ73>

Links to the latest:

- [Climate Prediction Center Monthly Drought Outlook](#)
- [Climate Prediction Center Seasonal Drought Outlook](#)



National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Milwaukee, WI