



Drought Information Statement for Southern Wisconsin

Valid Jan 18, 2024

Issued By: NWS Milwaukee

Contact Information: nws.milwaukee@noaa.gov

- This product will be updated around Feb 15, 2024 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.



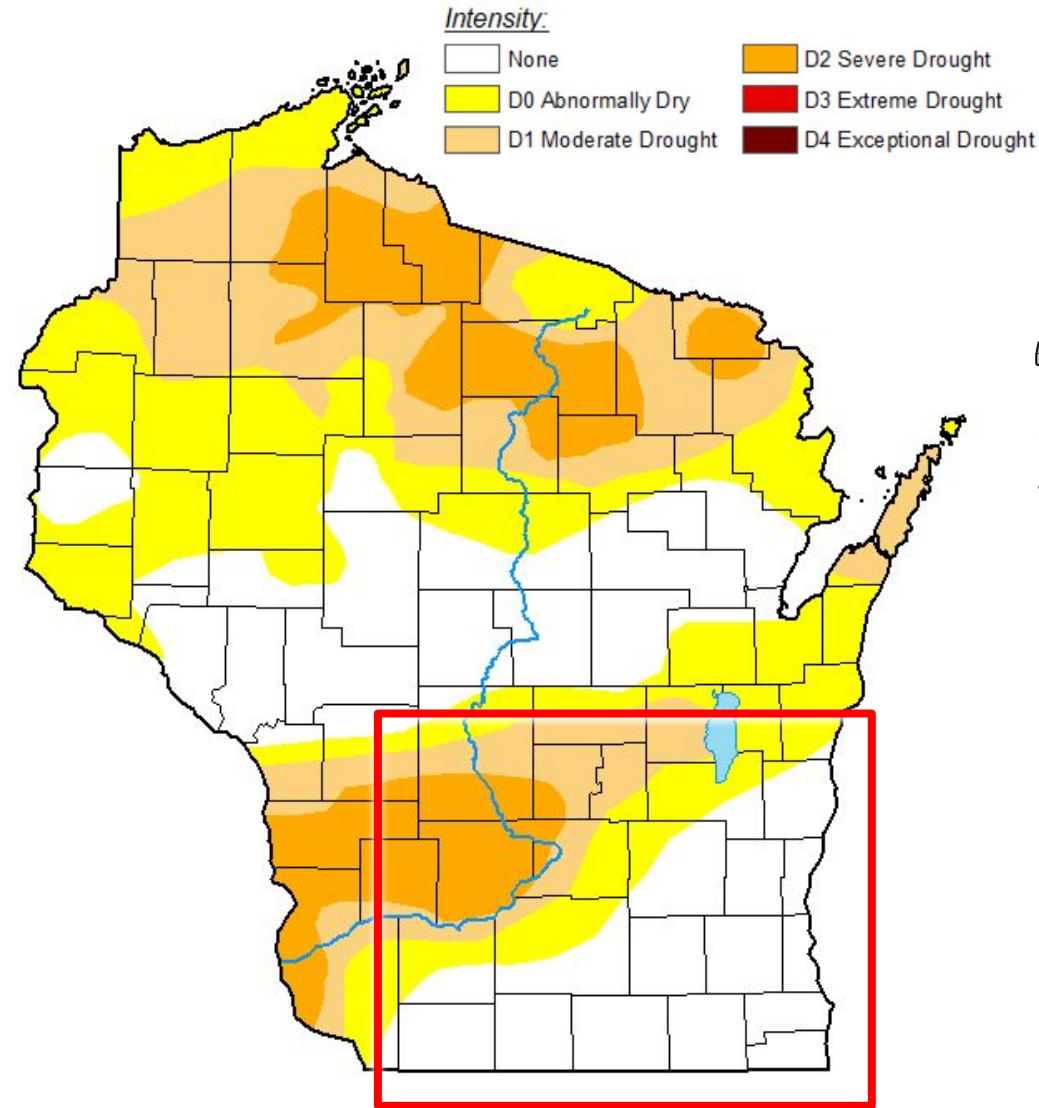


Wisconsin Drought Update

January 9, 2024
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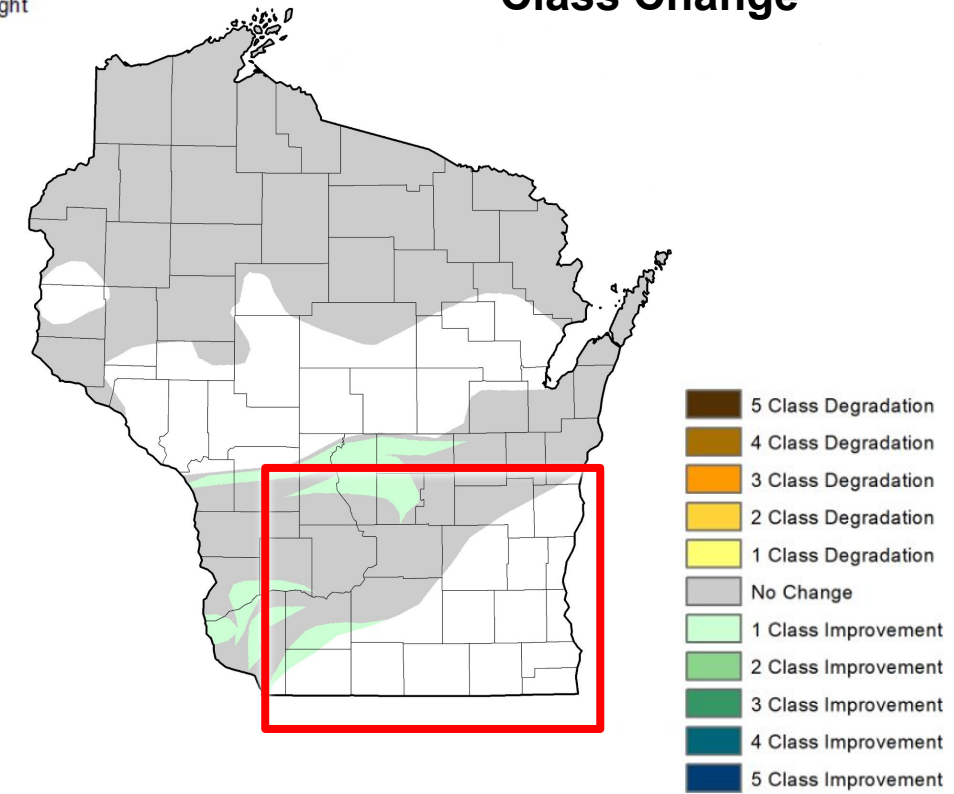
- Drought Intensity and Extent
 - Severe Drought across parts of southwest Wisconsin
 - Moderate Drought across parts of south-central Wisconsin
- Drought conditions improved from Severe to Moderate in Marquette County over the past week

U.S. Drought Monitor Wisconsin



January 16, 2024
(Released Thursday, Jan. 18, 2024)
Valid 7 a.m. EST

1 Week Drought Condition Class Change



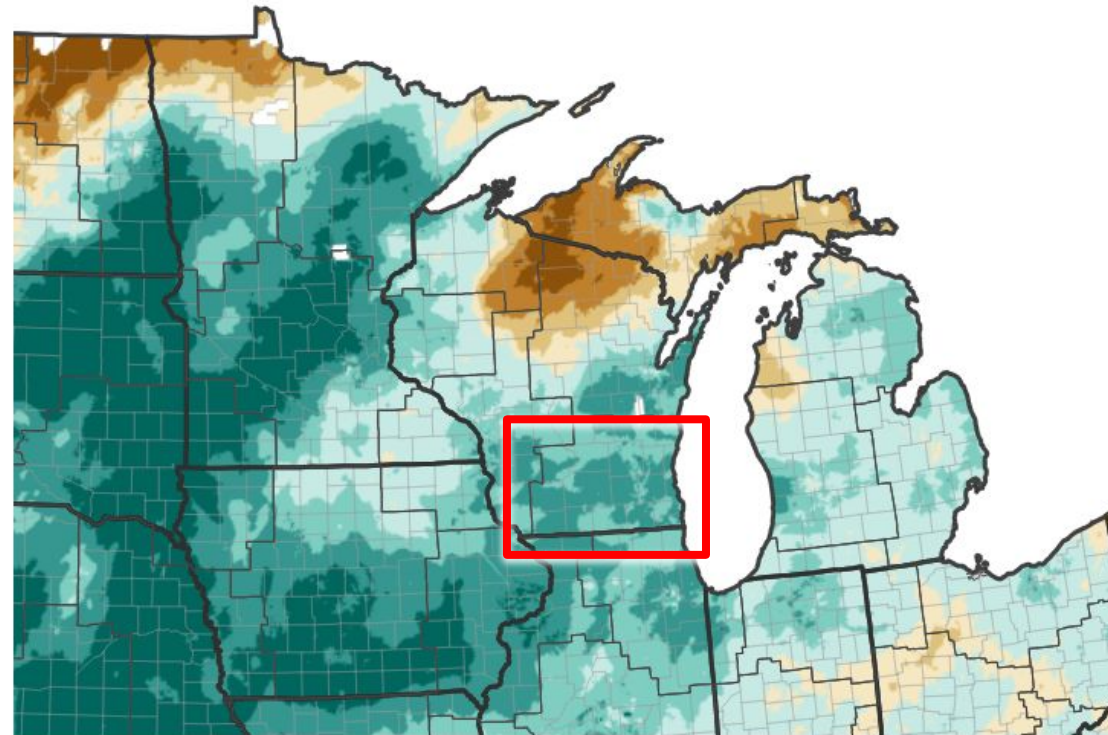


Precipitation

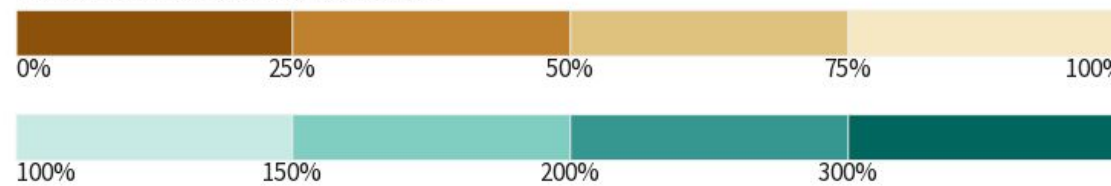
January 9, 2024
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- Precipitation over the past 30 days was 150-300% of normal across southern Wisconsin.
- Precipitation over the past 90 days was 75-150% of normal.
- Deficits in the southern Wisconsin drought areas over the past 90 days are 1-3 inches and deficits over the past 9 months are 9-15 inches (not shown).

30-Day Percent of Normal Precipitation



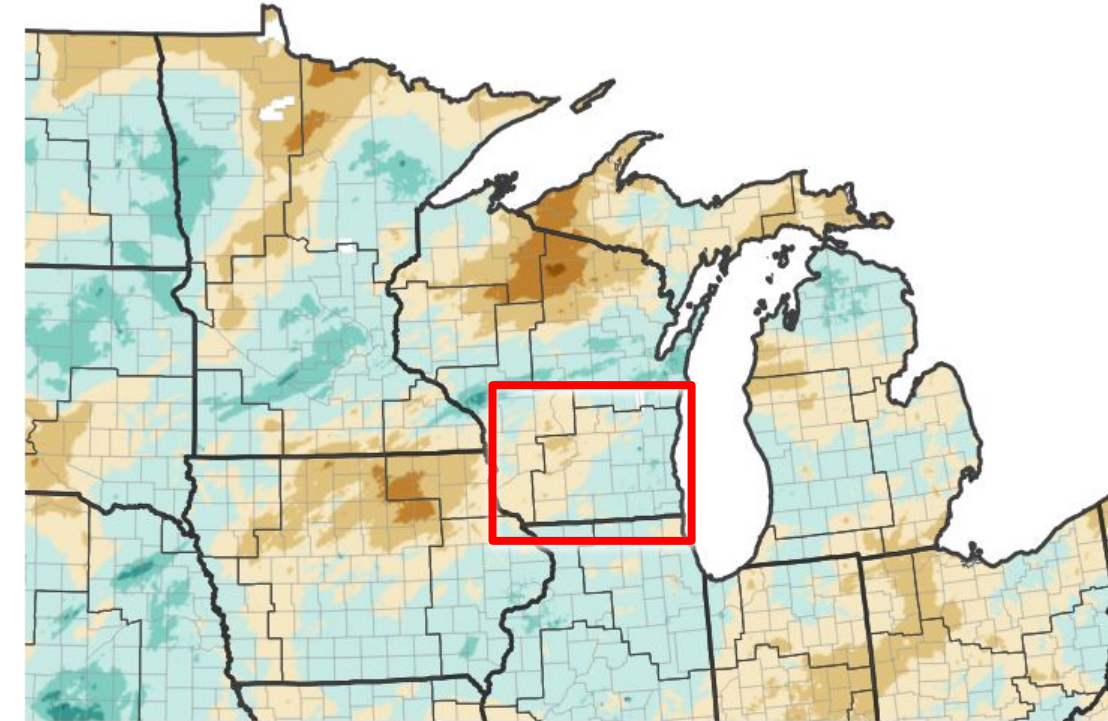
Percent of Normal Precipitation (%)



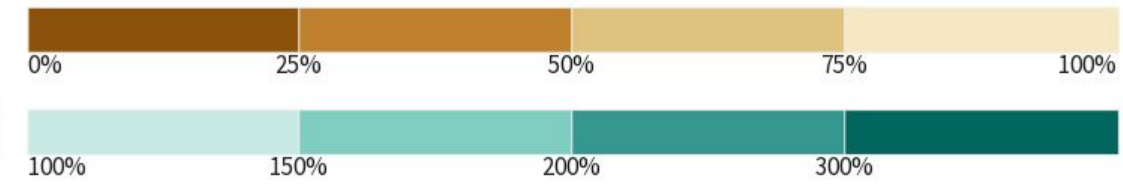
Source(s): National Weather Service Multi-Radar Multi-Sensor System; image courtesy of Drought.gov

Last Updated: 01/18/24

90-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: 01/18/24





Summary of Impacts

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

Mitigation Actions

- None known at this time





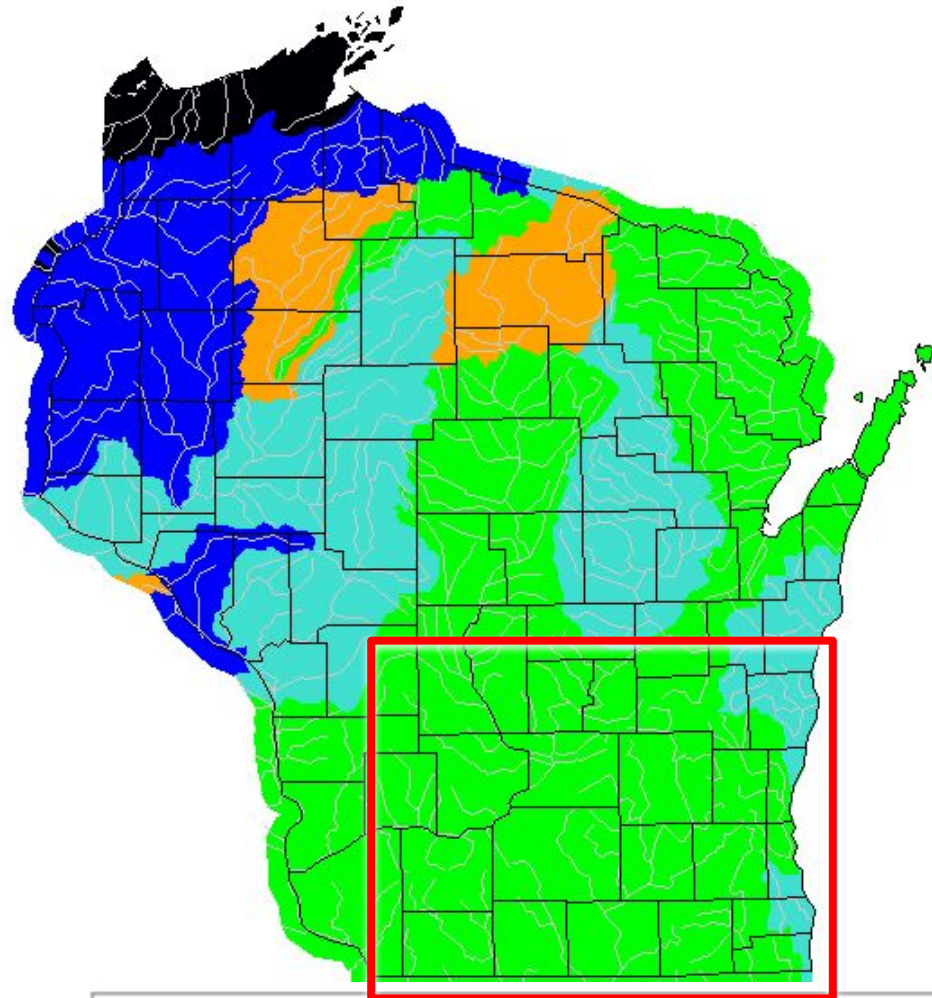
Current Conditions

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- Streamflow averaged over the past 28 days is in the 25-75th percentile
- Soil moisture is in the 10-30th percentile in parts of the drought area in southwest Wisconsin

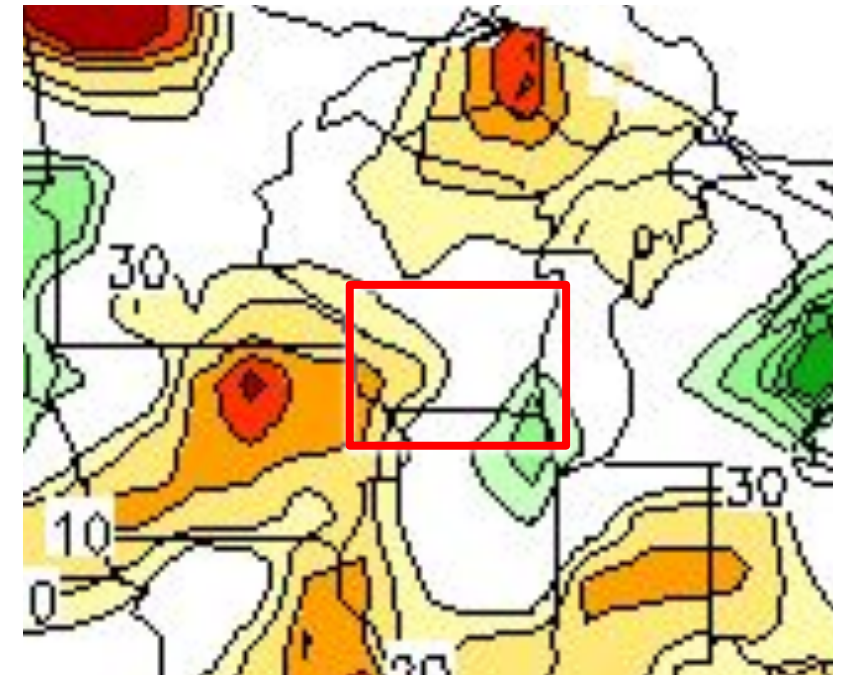
28 Day Streamflow

Wednesday, January 17, 2024



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		

Soil Moisture Ranking Percentile Jan 17, 2024

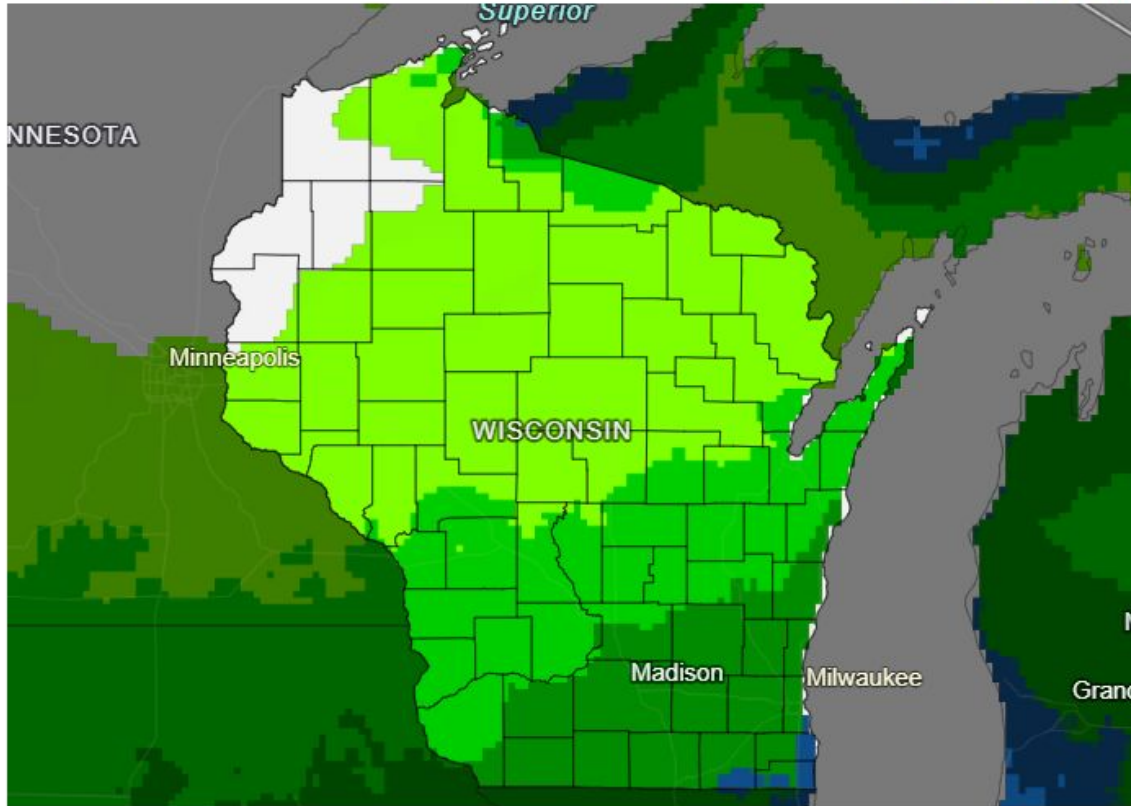




7 Day Precipitation Forecast

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7-Day Quantitative Precipitation Forecast



Predicted Inches of Precipitation

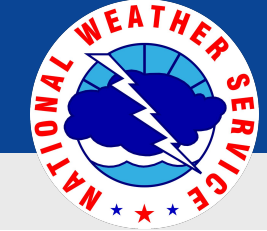


Source(s): National Weather Service Weather Prediction Center
Data Valid: 01/18/24

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

- 0.10"- 0.25" is expected over the next 7 days across the drought area in southern Wisconsin
- Normal weekly precipitation this time of year is in the 0.25"- 0.50" range





Extended February - April Outlook

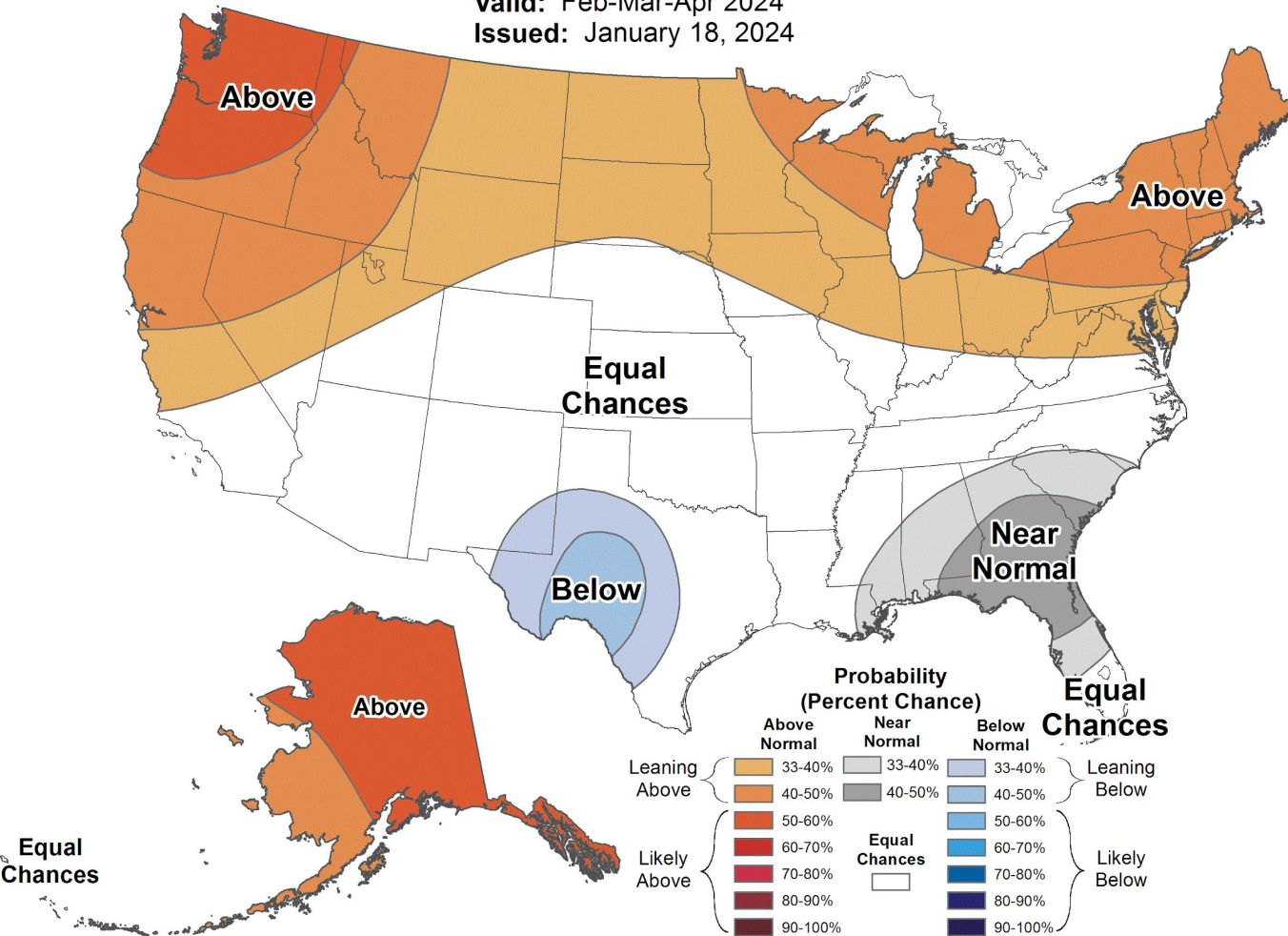
January 9, 2024
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Seasonal Temperature Outlook



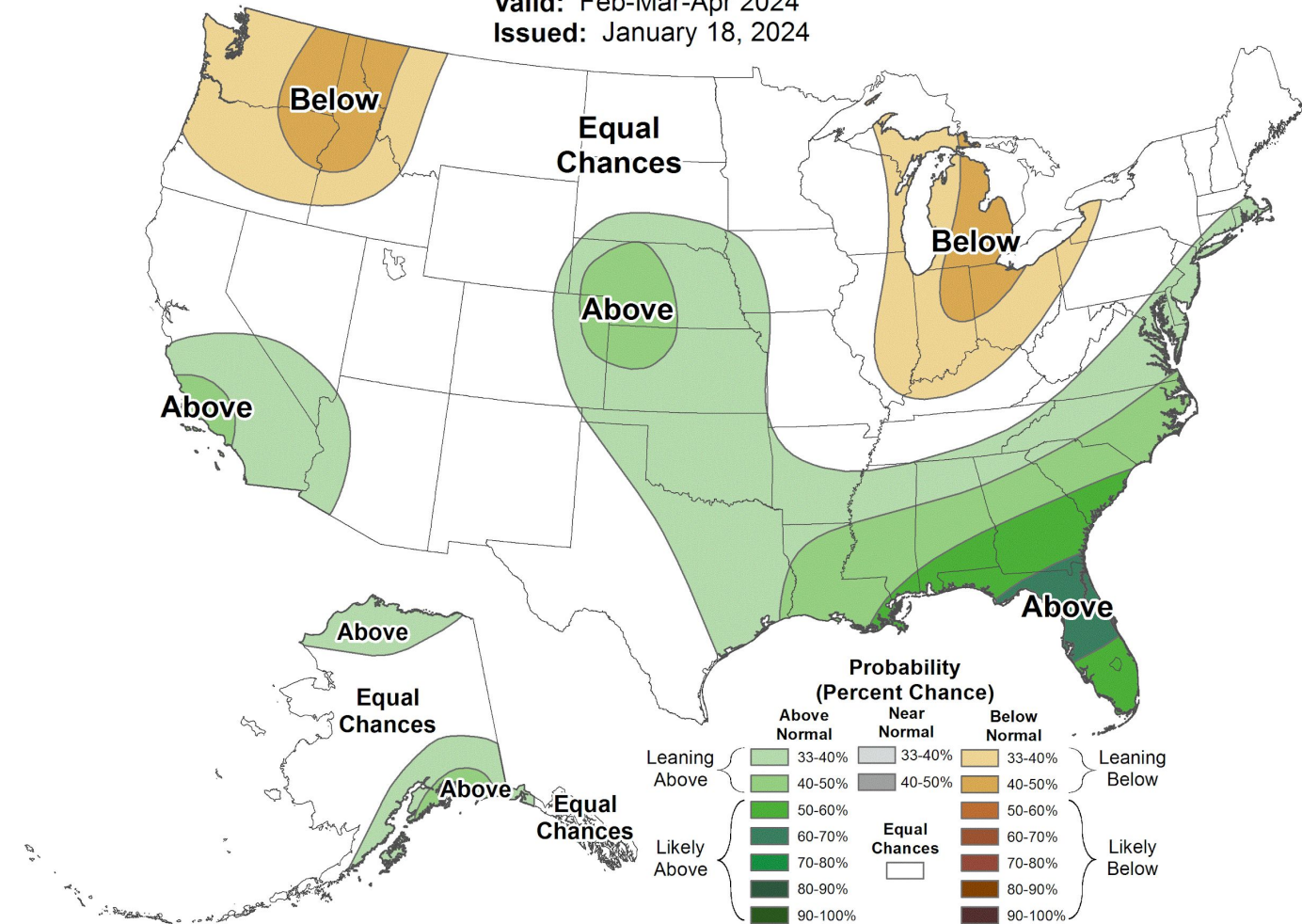
Valid: Feb-Mar-Apr 2024
Issued: January 18, 2024



Seasonal Precipitation Outlook

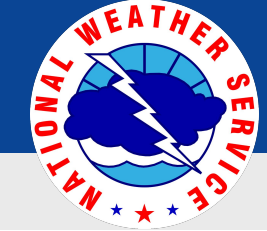


Valid: Feb-Mar-Apr 2024
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- Above normal temperatures are favored from late winter into early spring across all of southern Wisconsin
- There are equal chances for above normal, near normal and below normal precipitation across the drought areas of southern Wisconsin.
- Below normal precipitation is favored across eastern Wisconsin closer to Lake Michigan





Drought Outlook

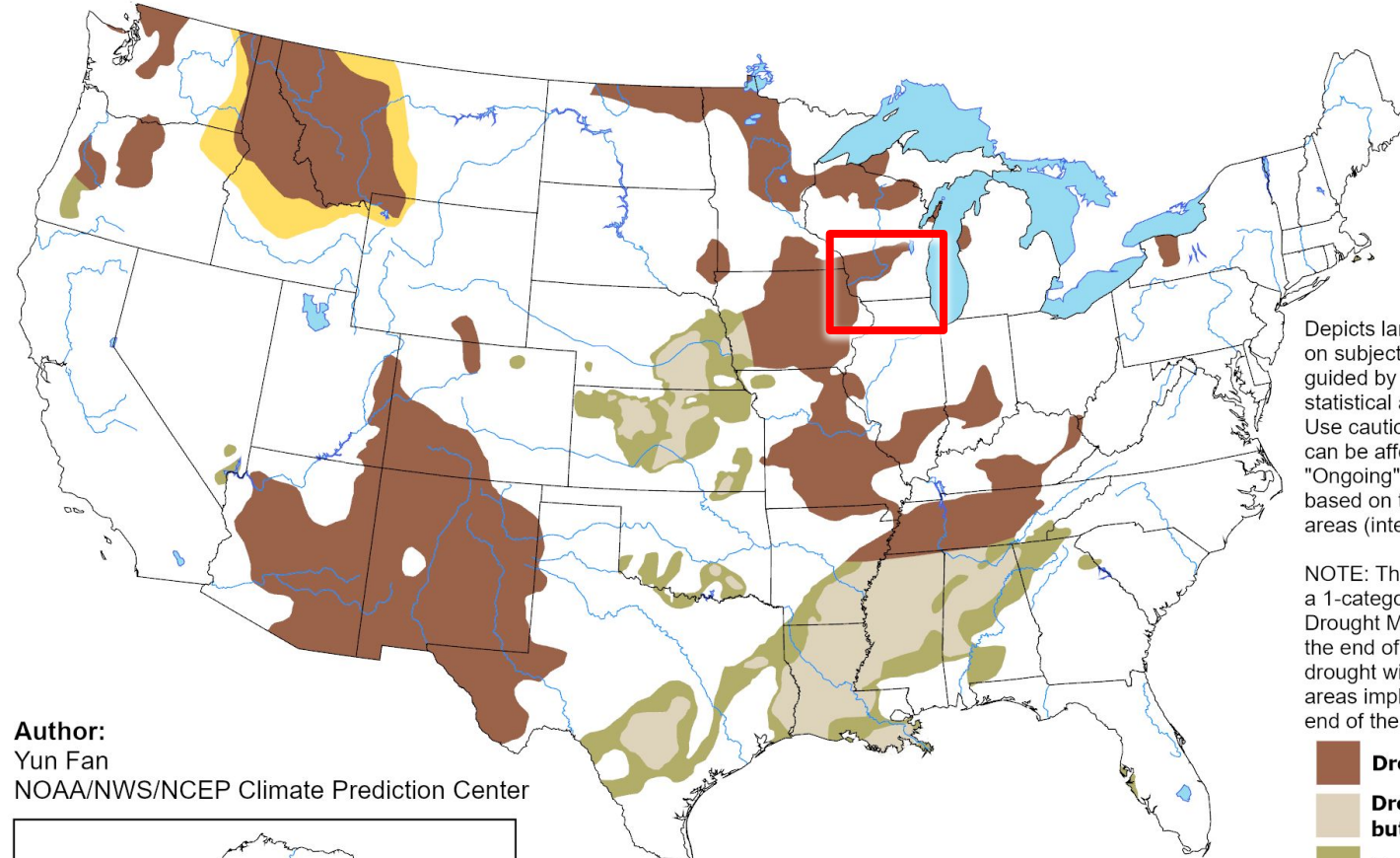
January 9, 2024
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The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- No improvement in drought conditions are expected from late winter through early spring across southern Wisconsin.

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

Valid for January 18 - April 30, 2024
Released January 18, 2024

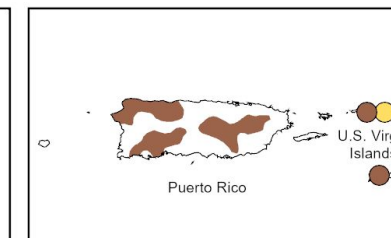
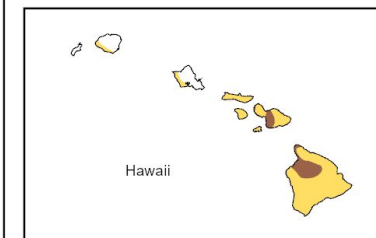
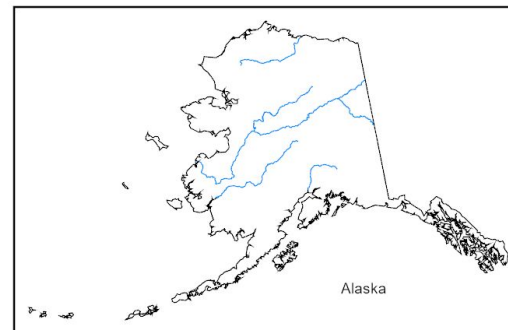


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

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<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