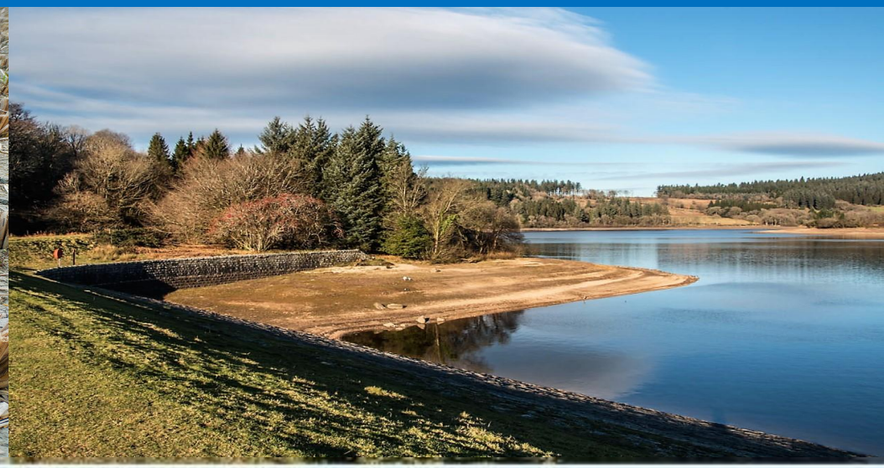
Drought Information Statement for Southern Wisconsin

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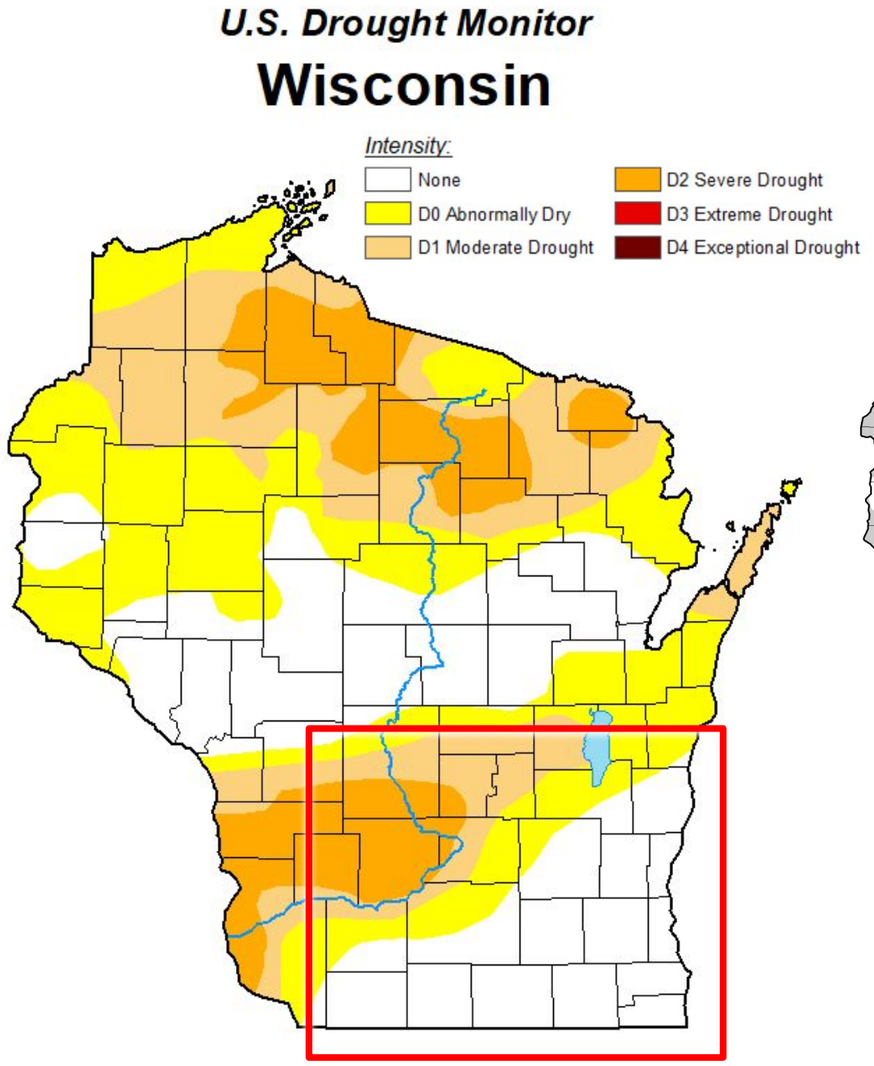
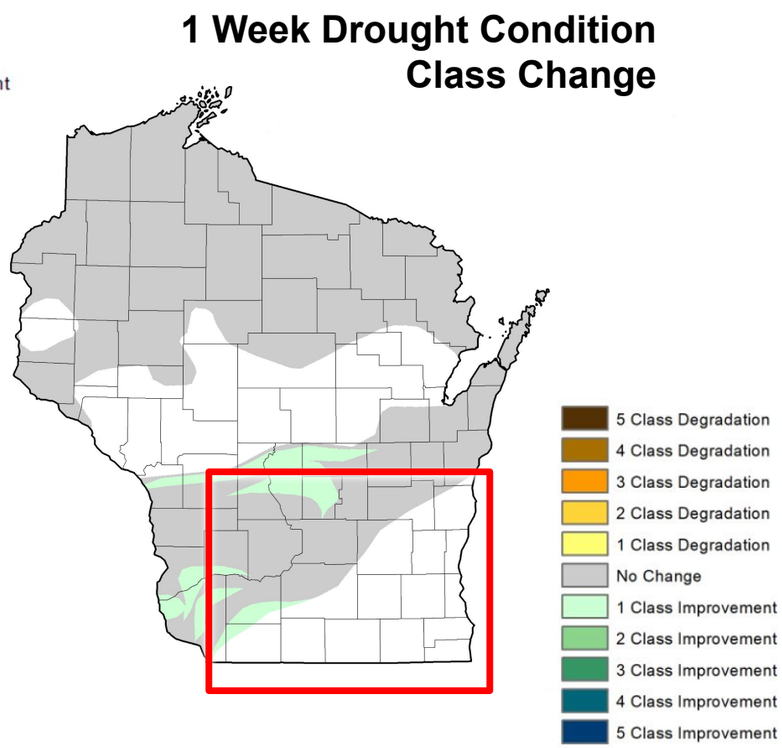
- Drought Intensity and Extent
  - Severe Drought across parts of southwest Wisconsin
  - Moderate Drought across parts of south-central Wisconsin
- Drought conditions improved from Severe to Moderate in Marquette County over the past week





Precipitation

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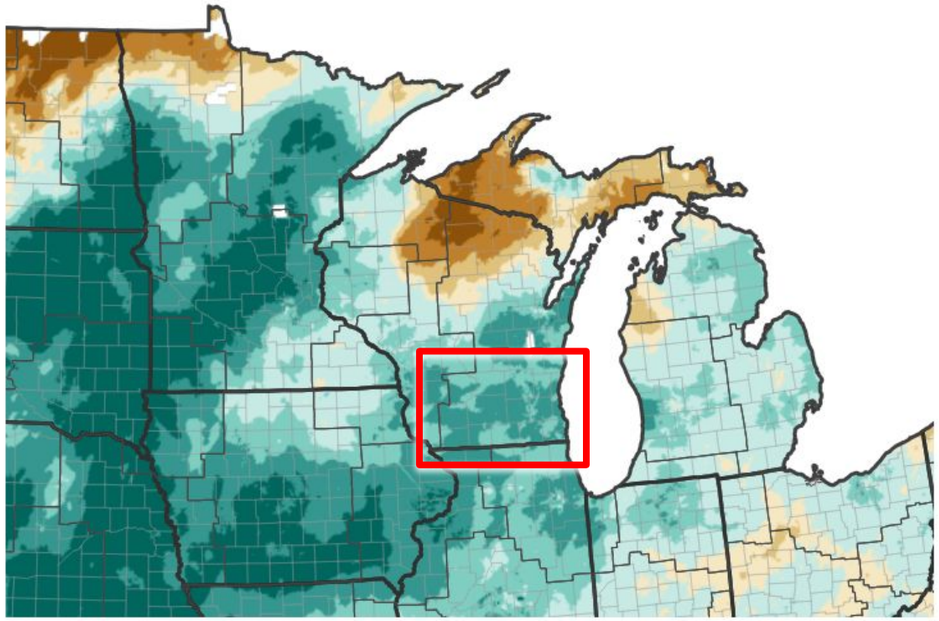
- Precipitation over the past 30 days was 150-300% of normal across southern Wisconsin.
- Precipitation over the past 90 days ws 75-150% of normal.
- Deficits in the southern Wisconsin drought areas over the past 90 days are 1-3 inches and deficits over the past 9 months are 9-15 inches (not shown).

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)

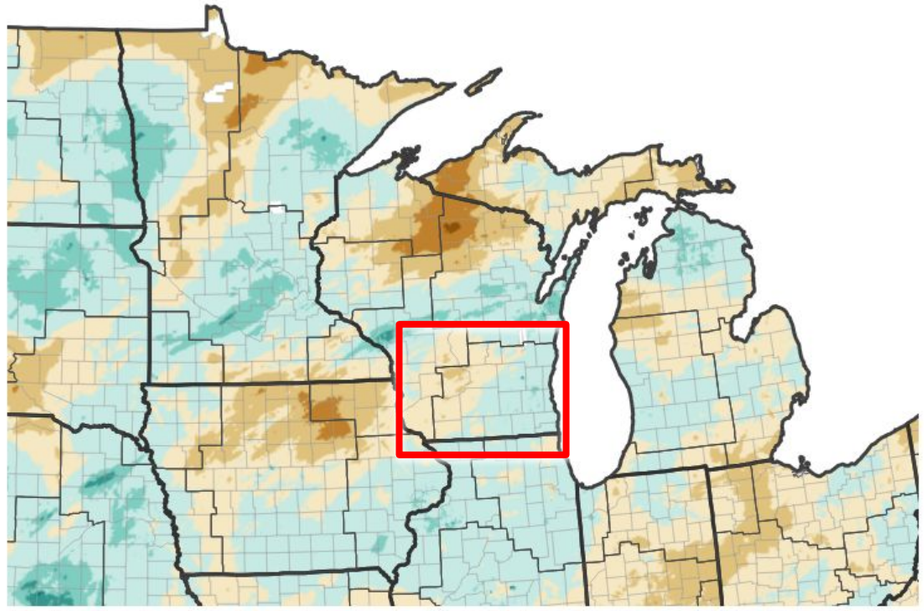
0% 25% 50% 75% 100%

100% 150% 200% 300%

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 (%)

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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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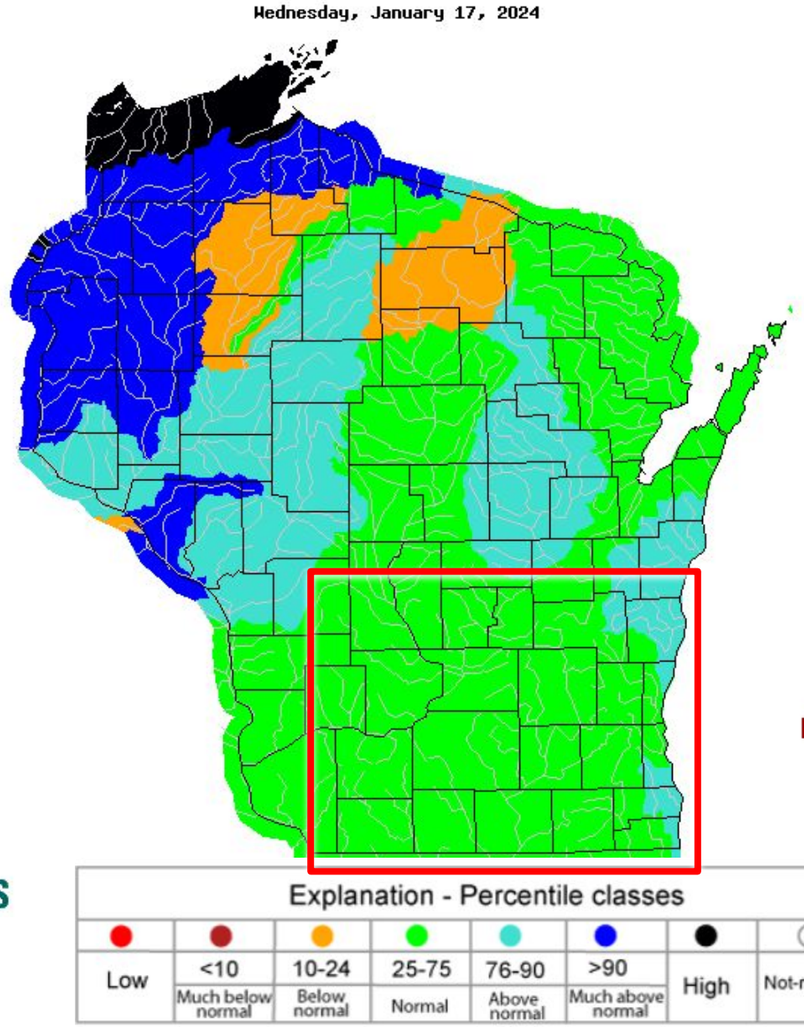
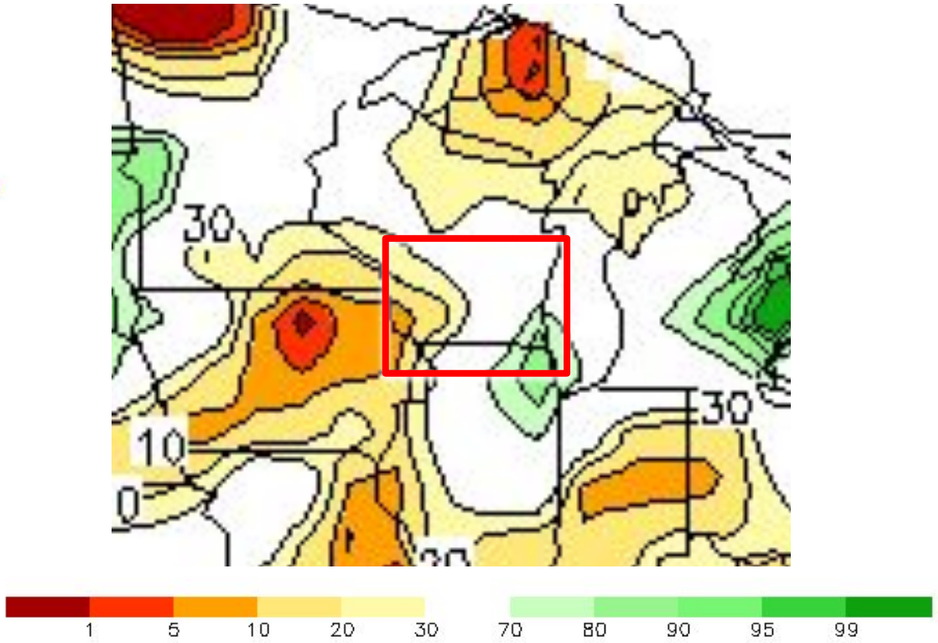
- Streamflow averaged over the past 28 days is in the 25-75th percentile

- Soil moisture is in the 10-30th percentile in parts of the drought area in southwest Wisconsin

28 Day Streamflow



Soil Moisture Ranking Percentile
Jan 17, 2024



7 Day Precipitation Forecast

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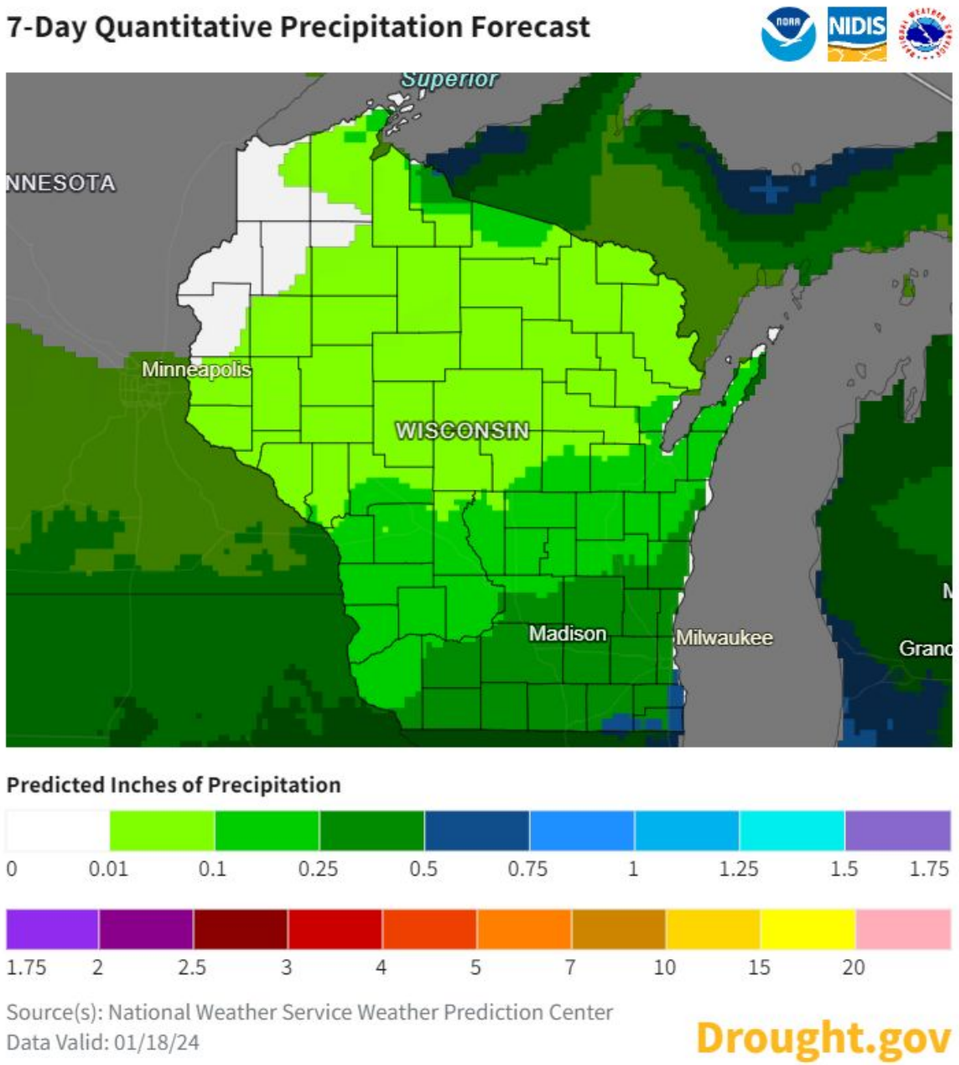

- 0.10”- 0.25” is expected over the next 7 days across the drought area in southern Wisconsin
- Normal weekly precipitation this time of year is in the 0.25”- 0.50” range

Extended February - April Outlook

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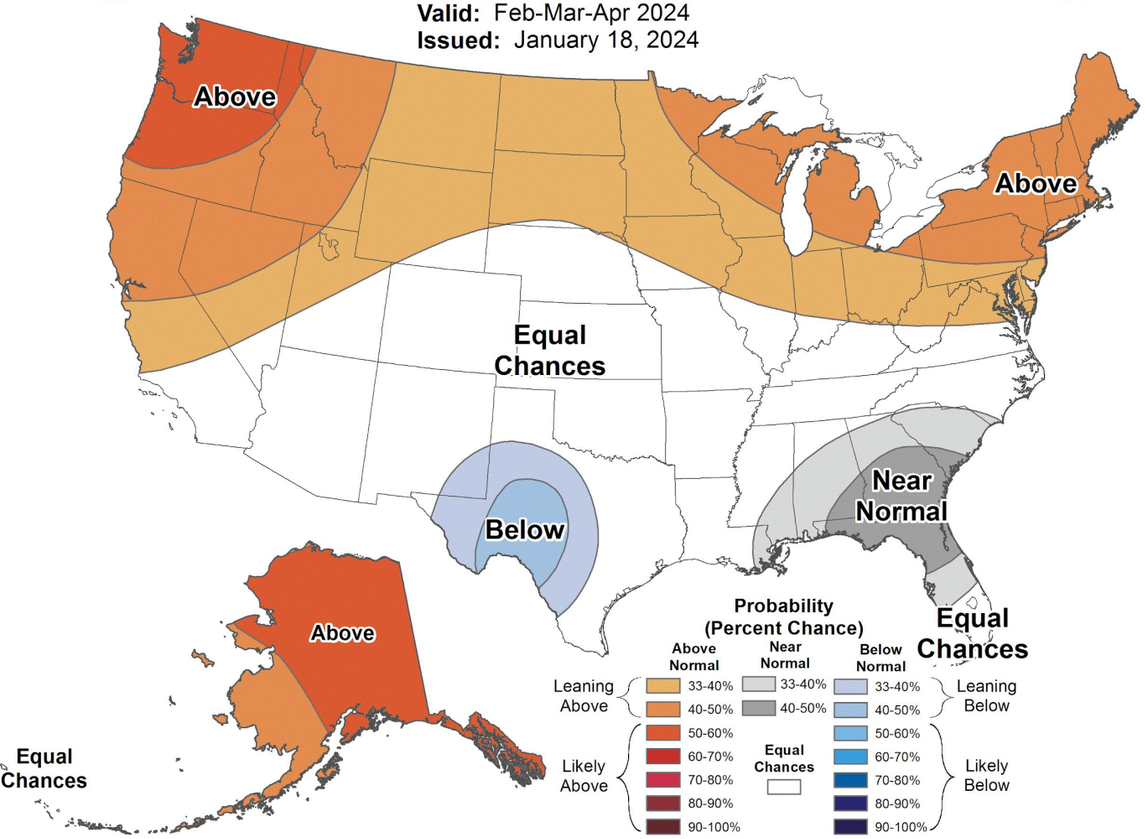
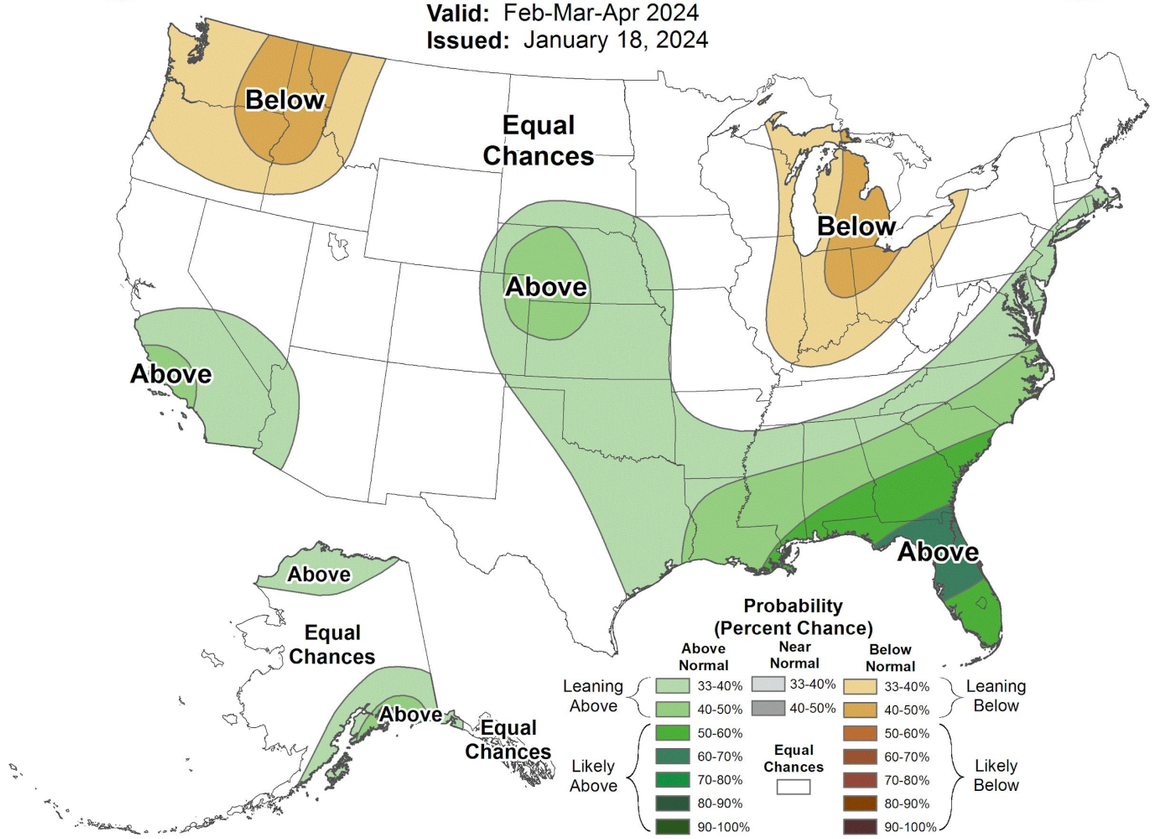
Seasonal Temperature Outlook

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



Seasonal Precipitation Outlook

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



- 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

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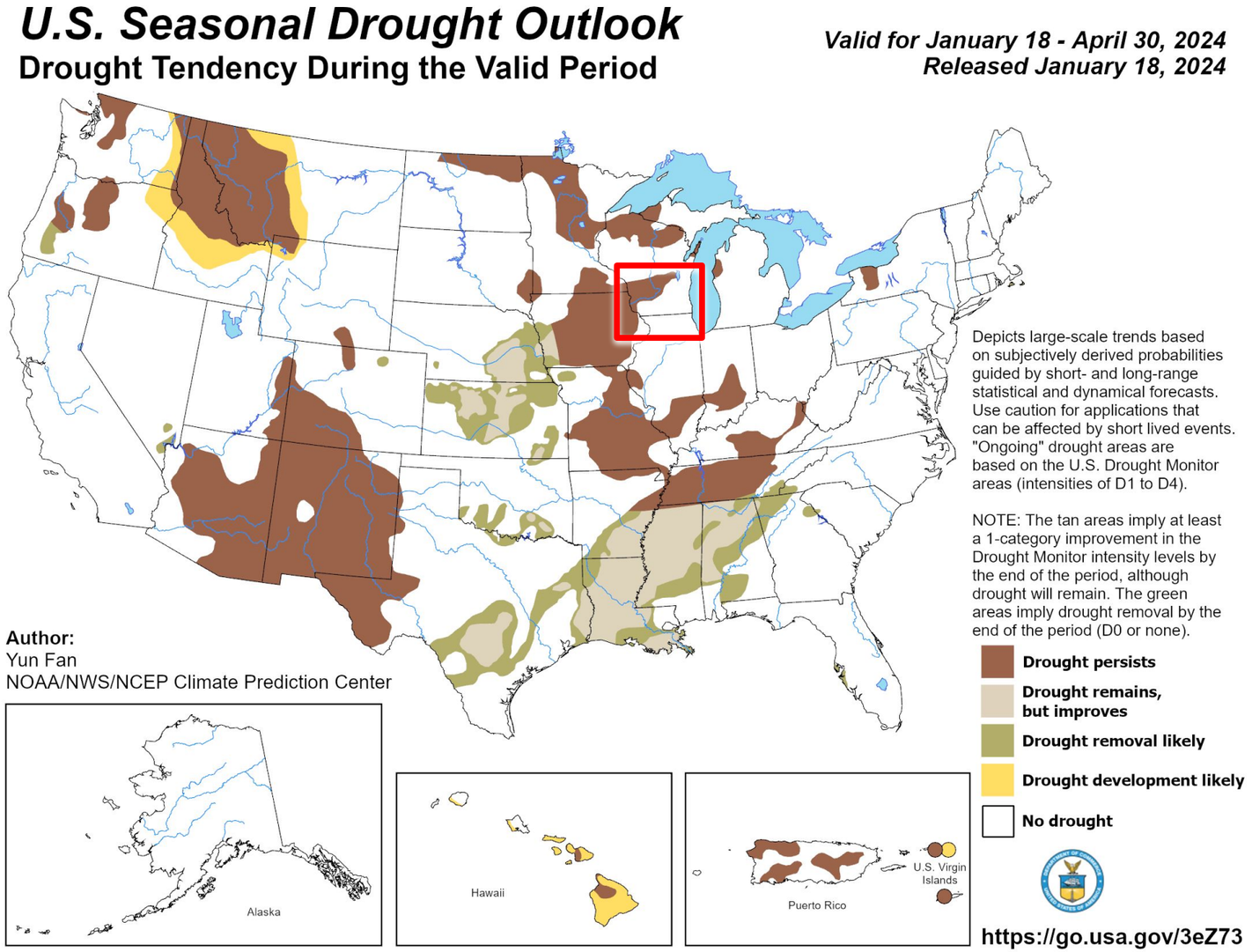
The latest monthly and seasonal outlooks can be found on the CPC homepage

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



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