



Drought Information Statement for Southern Wisconsin

Valid November 22, 2024

Issued By: NWS Milwaukee

Contact Information: nws.milwaukee@noaa.gov

- This product will be updated Dec 19, 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.



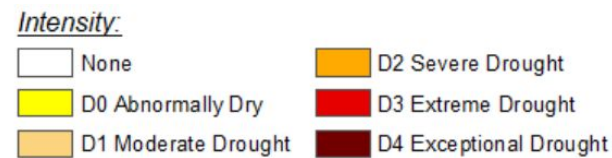
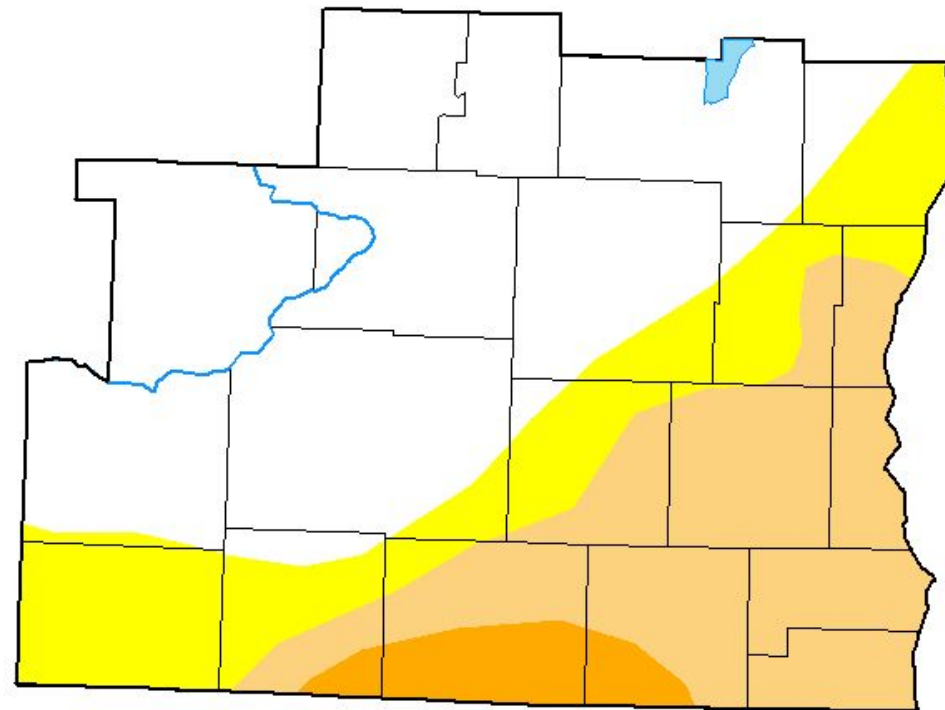


Wisconsin Drought Update

November 21, 2024
12:00 PM

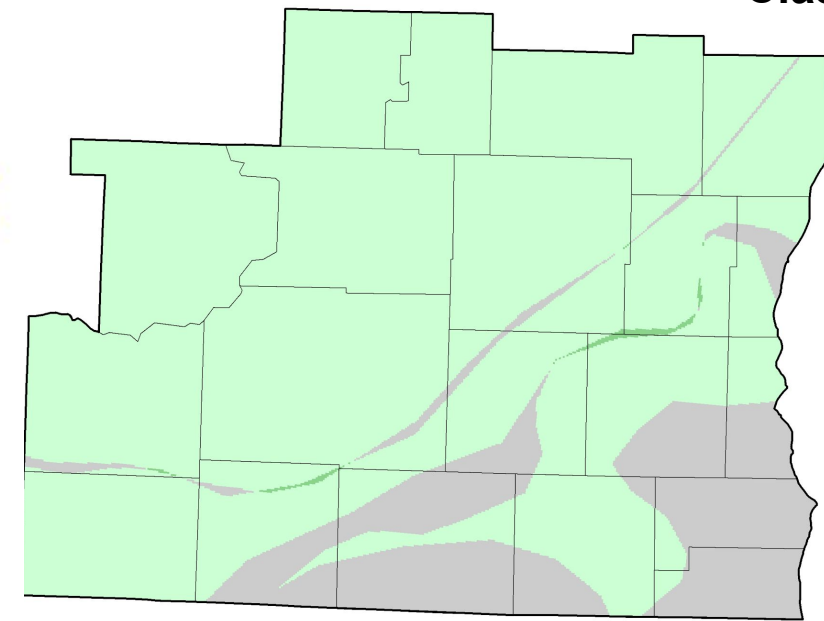
- Drought conditions continue to improve across southern WI
- Areas north of HWY-151 have been removed from D-0 conditions
- Areas south of HWY-151 gradually improve as well with D-1 removed from Sheboygan & Lafayette Co.
- D-2 (Severe Drought) remains across southern Green, Rock, and Walworth Co.

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



November 19, 2024
 (Released Thursday, Nov. 21, 2024)
 Valid 7 a.m. EST

**1 Week Drought Condition
 Class Change**



droughtmonitor.unl.edu





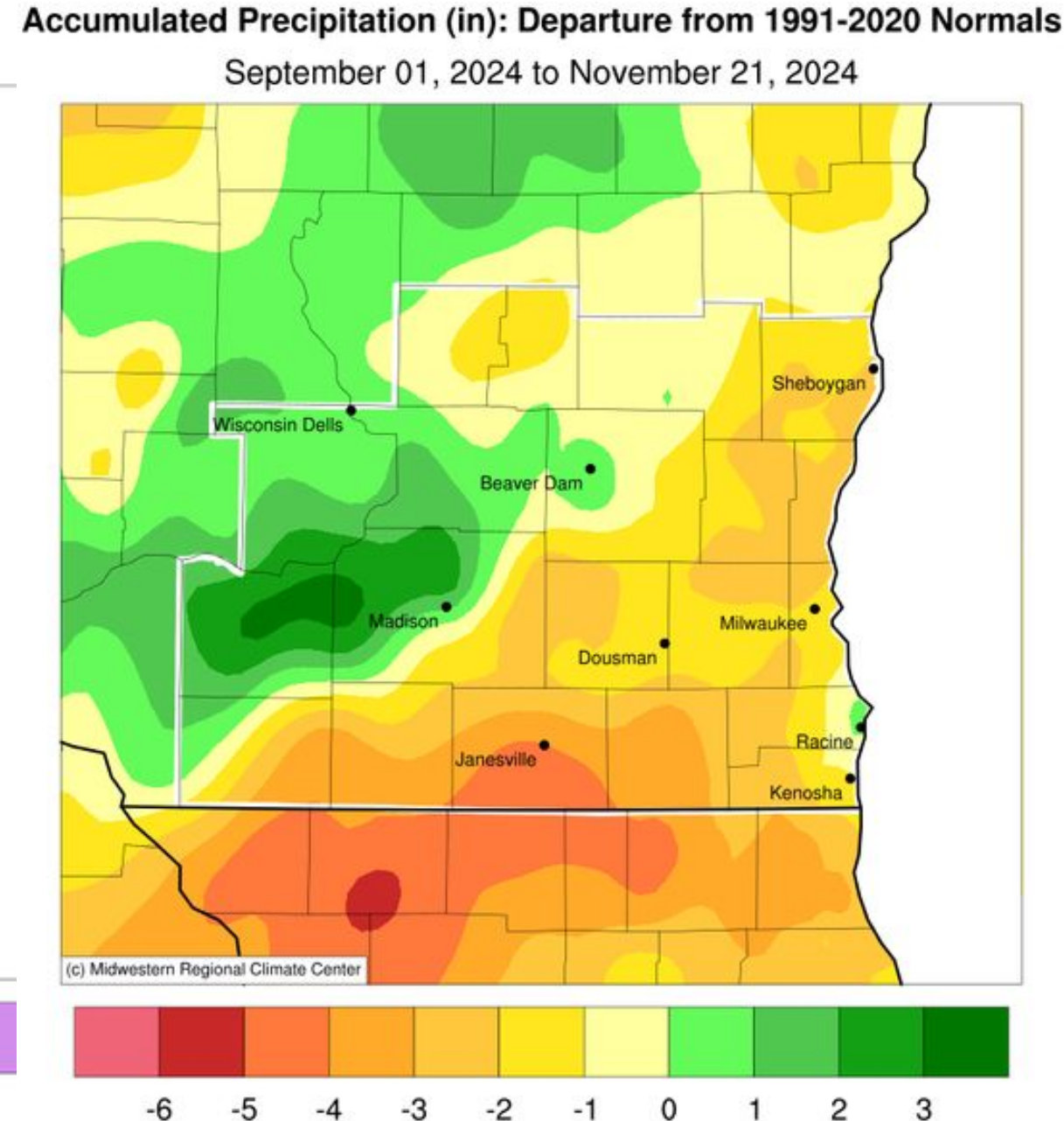
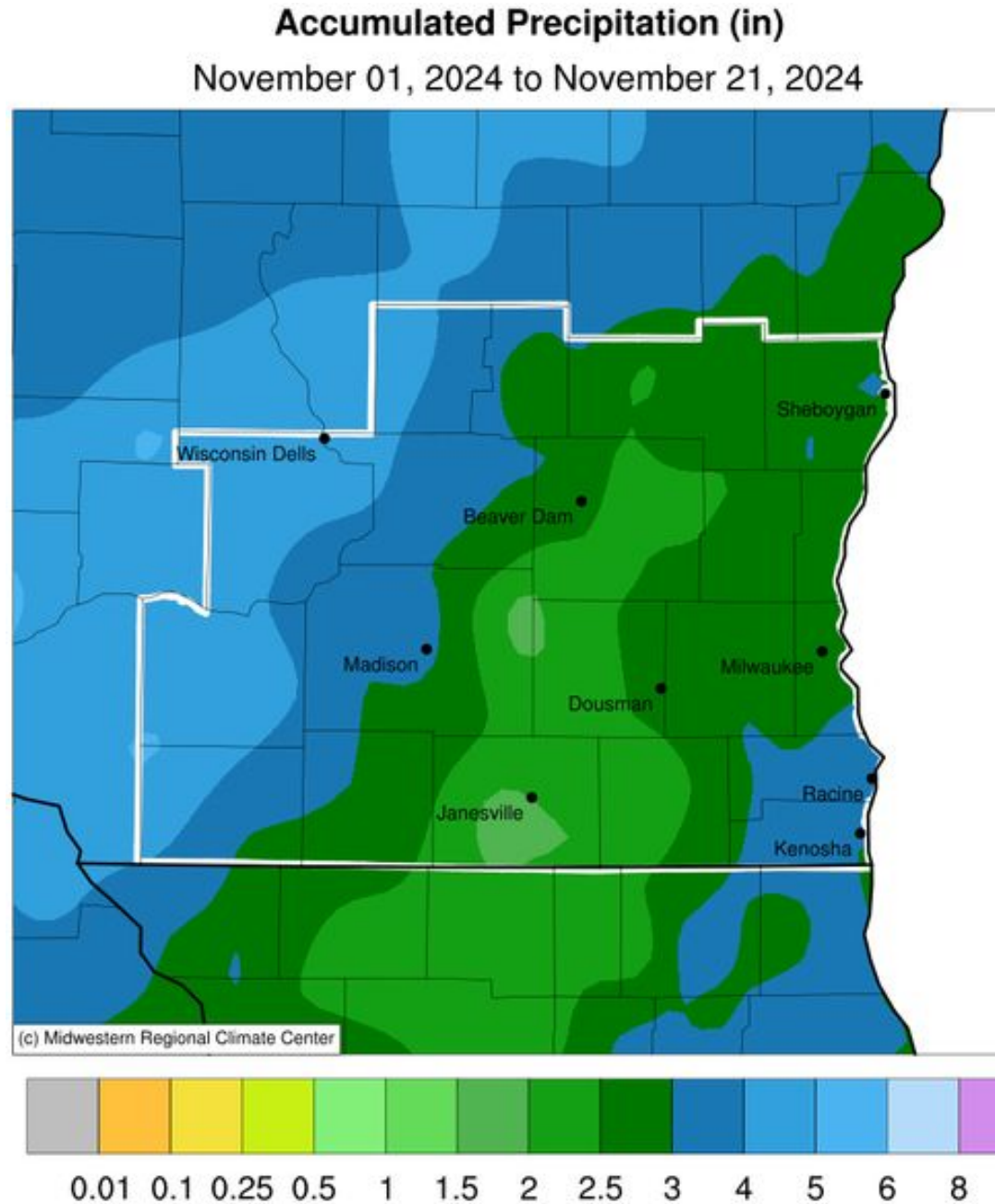
Precipitation

November 21, 2024
12:00 PM

- Rainfall since November 1st shows widespread amounts exceeding 2 inches with the exception of a corridor from Beloit to Waupun.

For the 2024 Fall Season (Sep 1-Nov 21):

- Surplus of 1-3 inches for Iowa, NW Dane, S Sauk, & SW Columbia Co.
- Deficits of 2-5 inches in the moderate and severe drought areas.





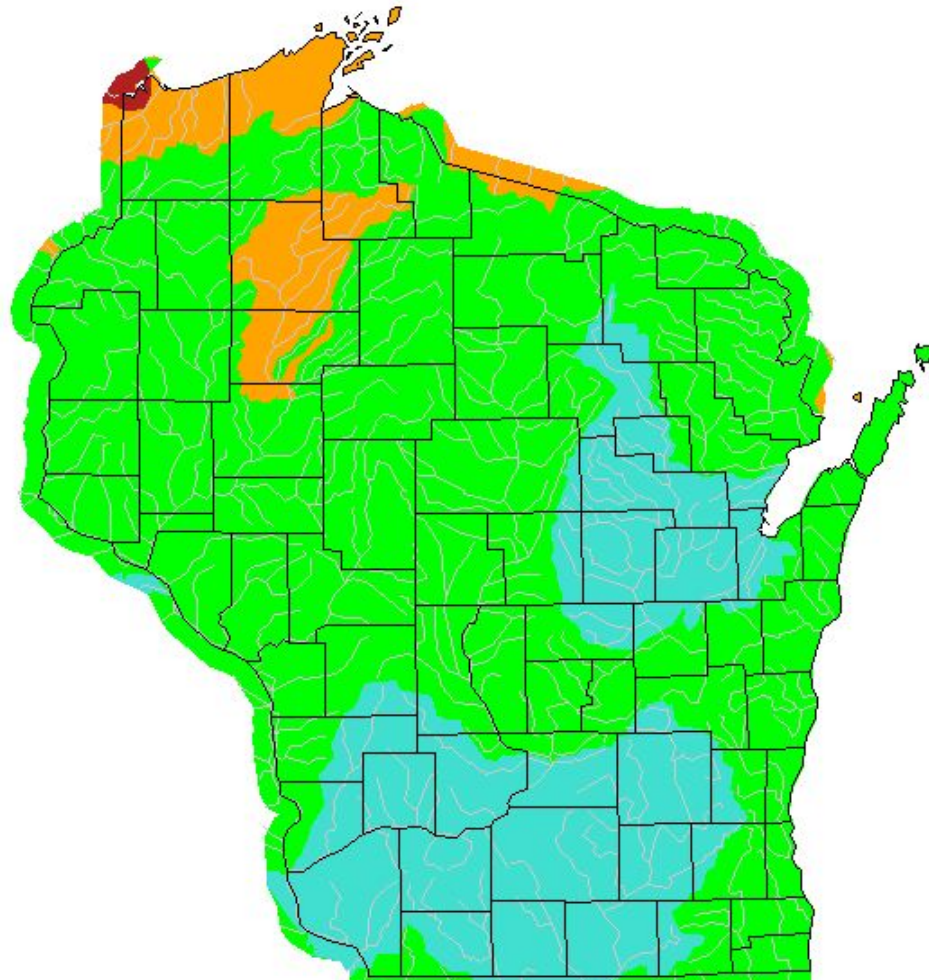
Current Conditions

November 21, 2024
12:00 PM

- Streamflow across southern Wisconsin has improve to above normal (76-90th percentile) for the majority of southern WI Mississippi River Basin while southern WI Lake Michigan Basin is around normal (25-75th percentile).
- Soil moisture is normal (30-70th percentile) across southeastern WI and above normal (70-99th percentile) across southwest-central WI where some of the heaviest rain occurred.

28 Day Streamflow

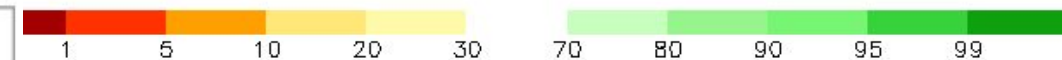
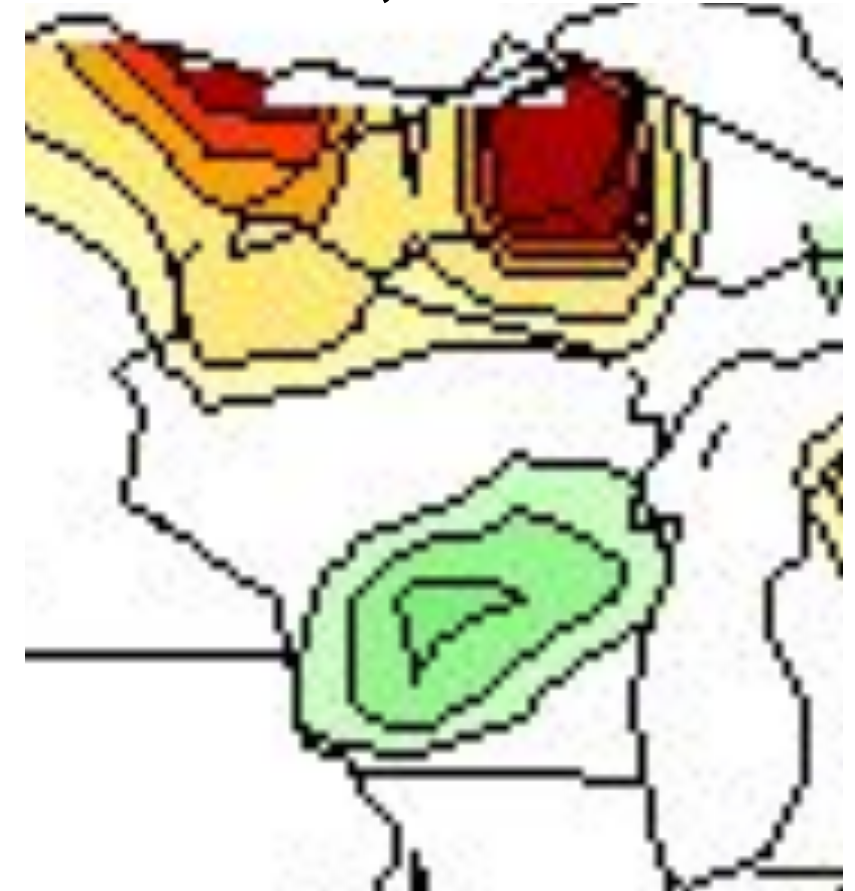
Thursday, November 21, 2024



USGS

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 Nov 21, 2024





Fire Hazard Impacts

November 21, 2024
12:00 PM

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

- Significant wildland fire potential outlook for November and December is normal
- DNR Fire Danger is low across southern Wisconsin

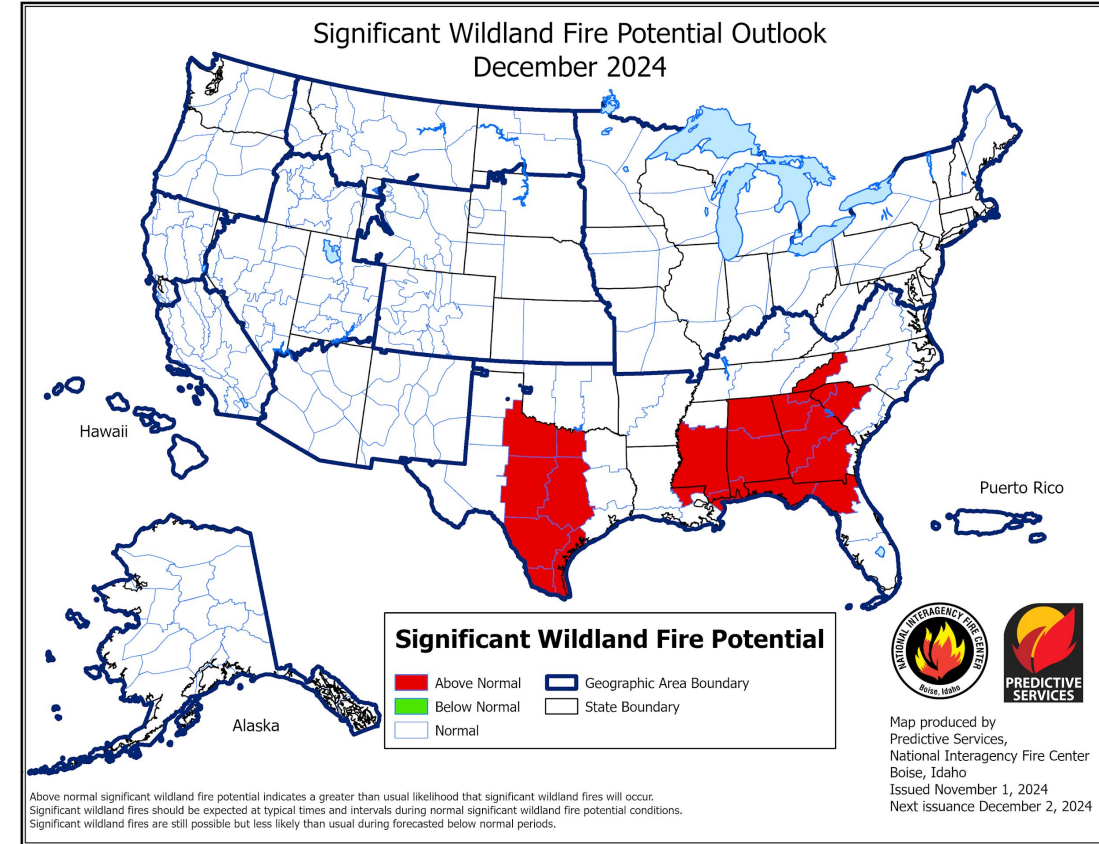
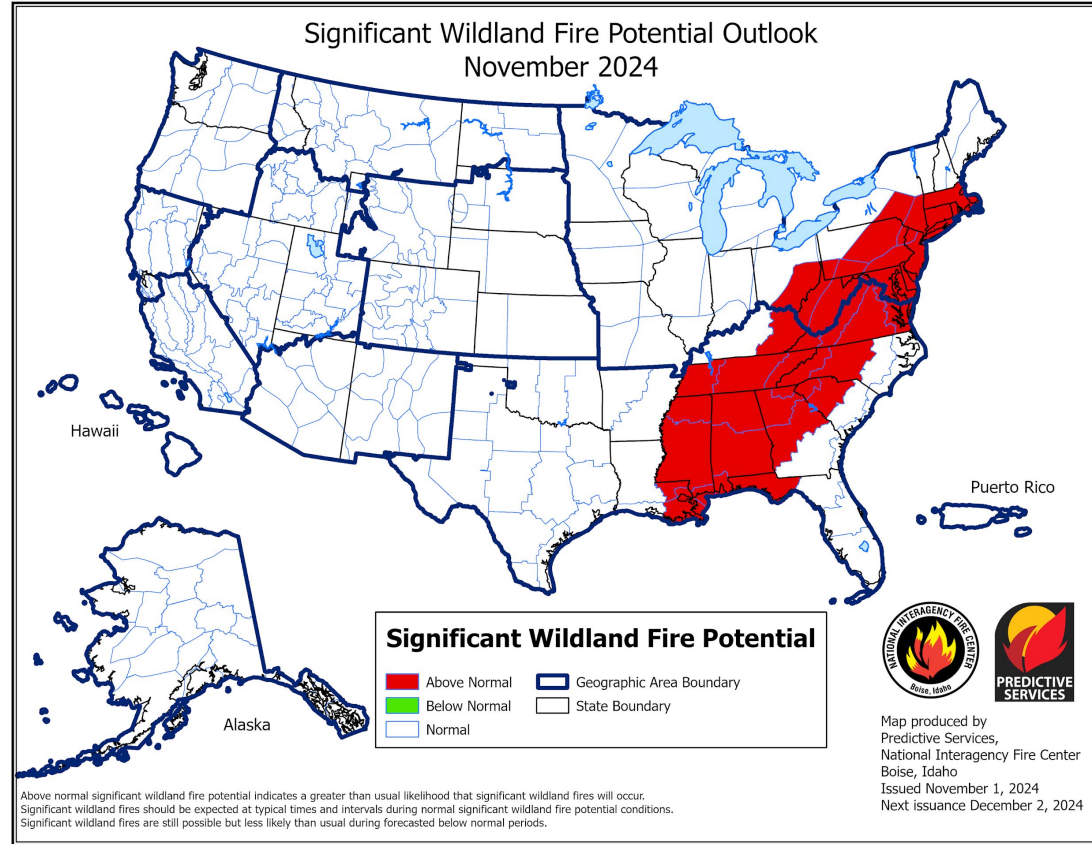


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#)

Latest WI DNR Fire Danger map available [here](#) and DNR Burn Restrictions available [here](#).

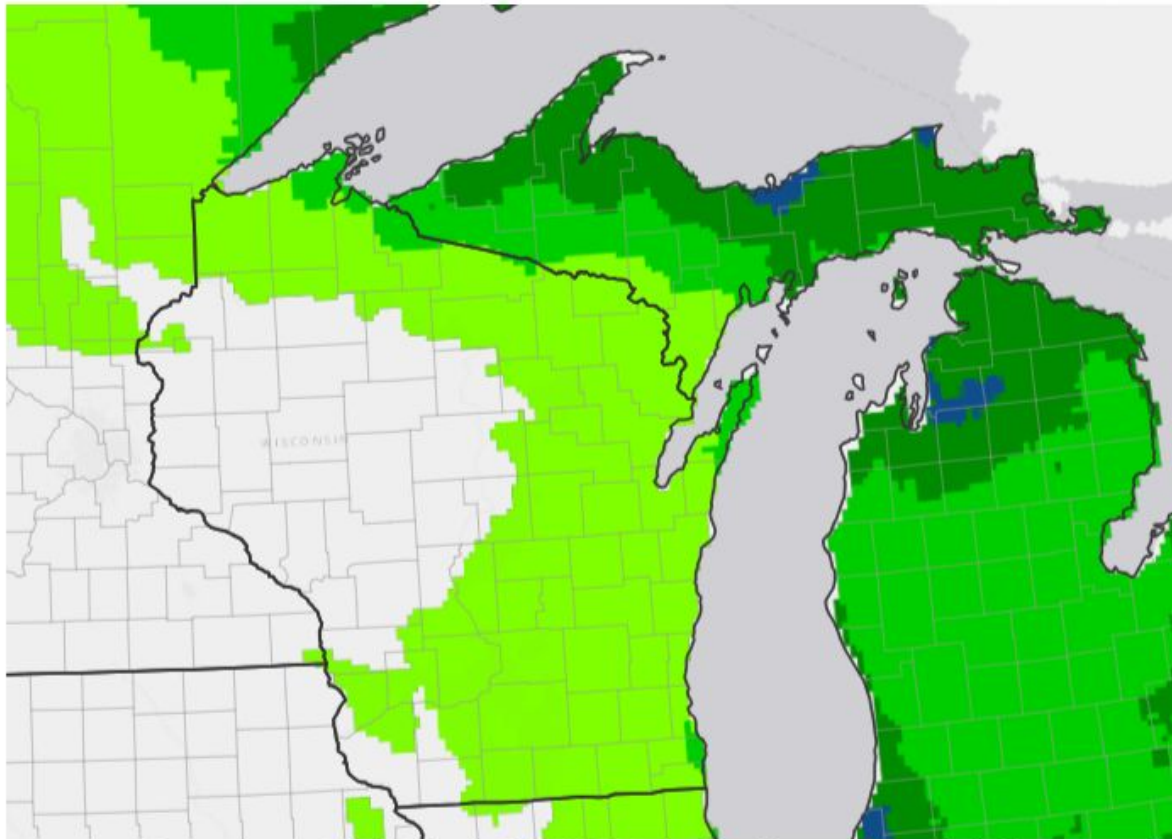




7 Day Precipitation Forecast

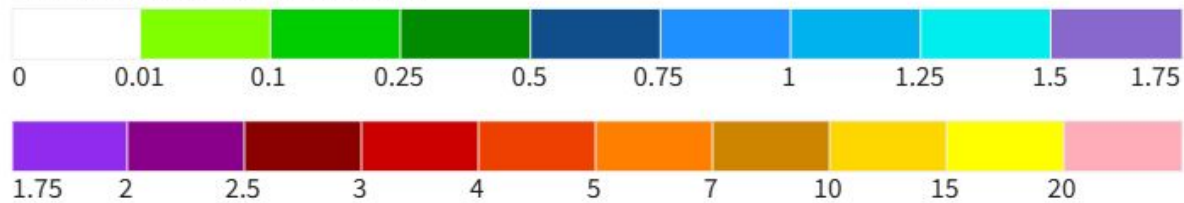
November 21, 2024
12:00 PM

7-Day Quantitative Precipitation Forecast for November 22-29, 2024



Basemap Sources: Esri, HERE, Garmin, INCREMENT P, © OpenStreetMap contributors, and the GIS user community

Predicted Inches of Precipitation

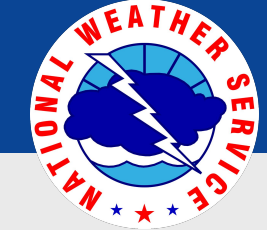


Source(s): National Weather Service Weather Prediction Center
Last Updated: 11/22/24

Drought.gov

- There is a chance for some light precipitation across southern Wisconsin this weekend and again later next week, but overall amounts are looking light.
- 7 Day precipitation totals are looking to remain below a few tenths of an inch for southern Wisconsin. If this verifies, may not see too much in the way of drought improvements through the end of the month
- Average weekly precipitation this time of year is 0.5 inches.





Week 2 Outlook

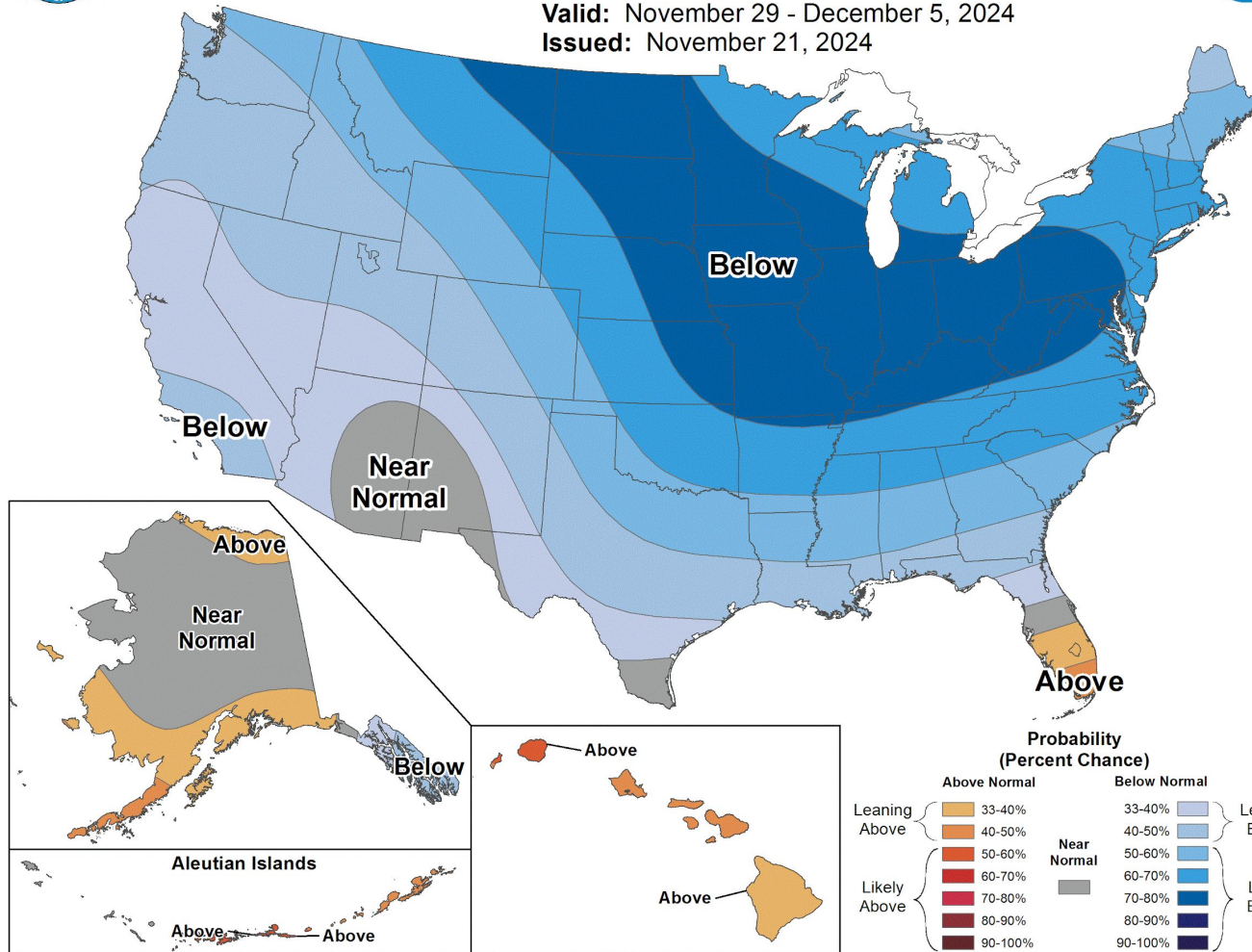
November 21, 2024
12:00 PM



8-14 Day Temperature Outlook



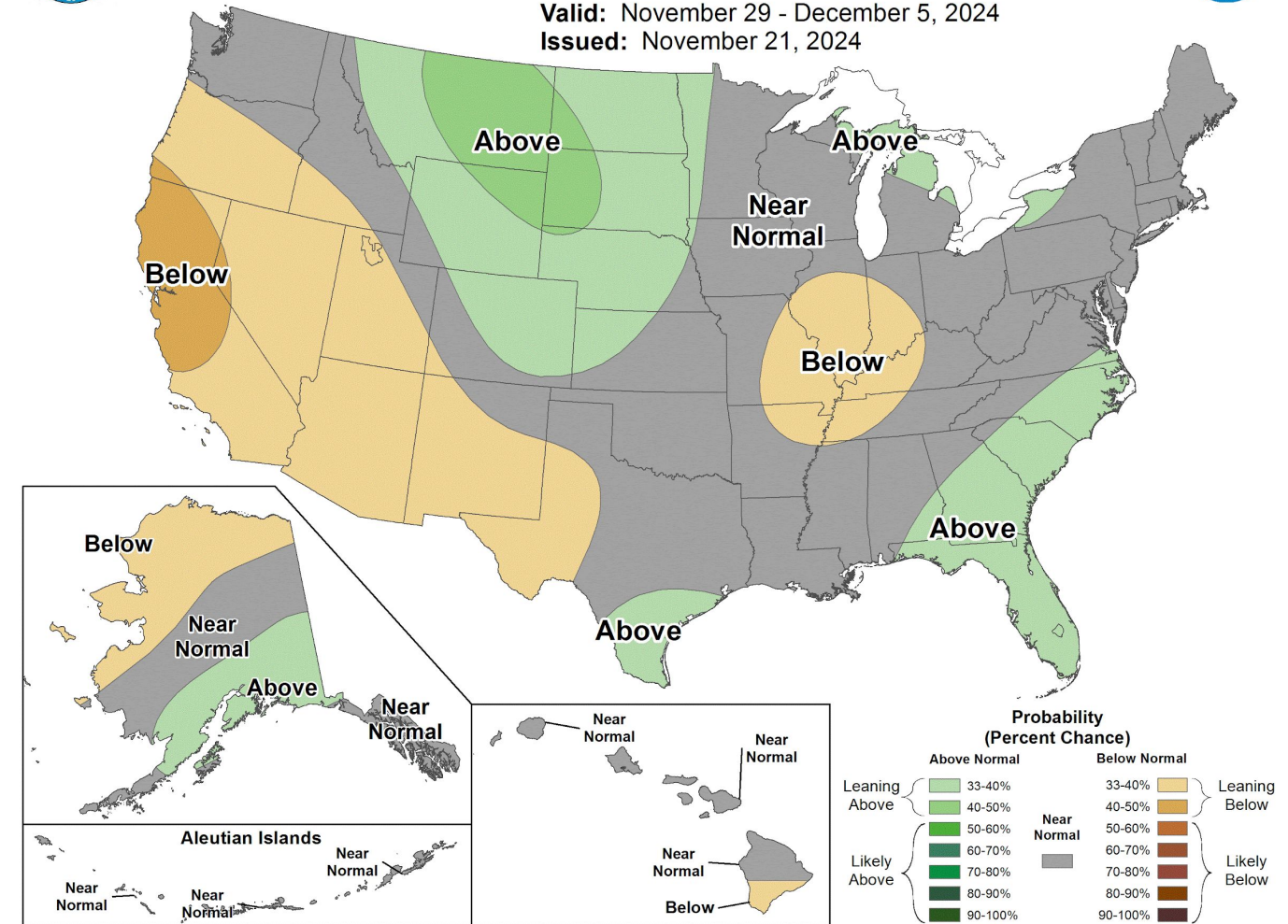
Valid: November 29 - December 5, 2024
Issued: November 21, 2024



8-14 Day Precipitation Outlook

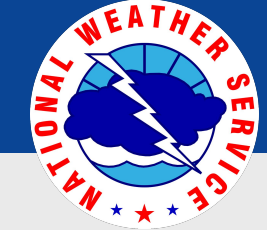


Valid: November 29 - December 5, 2024
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- For southern Wisconsin, there are enhanced odds for below average temperatures and near normal precipitation through the end of the month.





Extended Week 3-4 Outlook

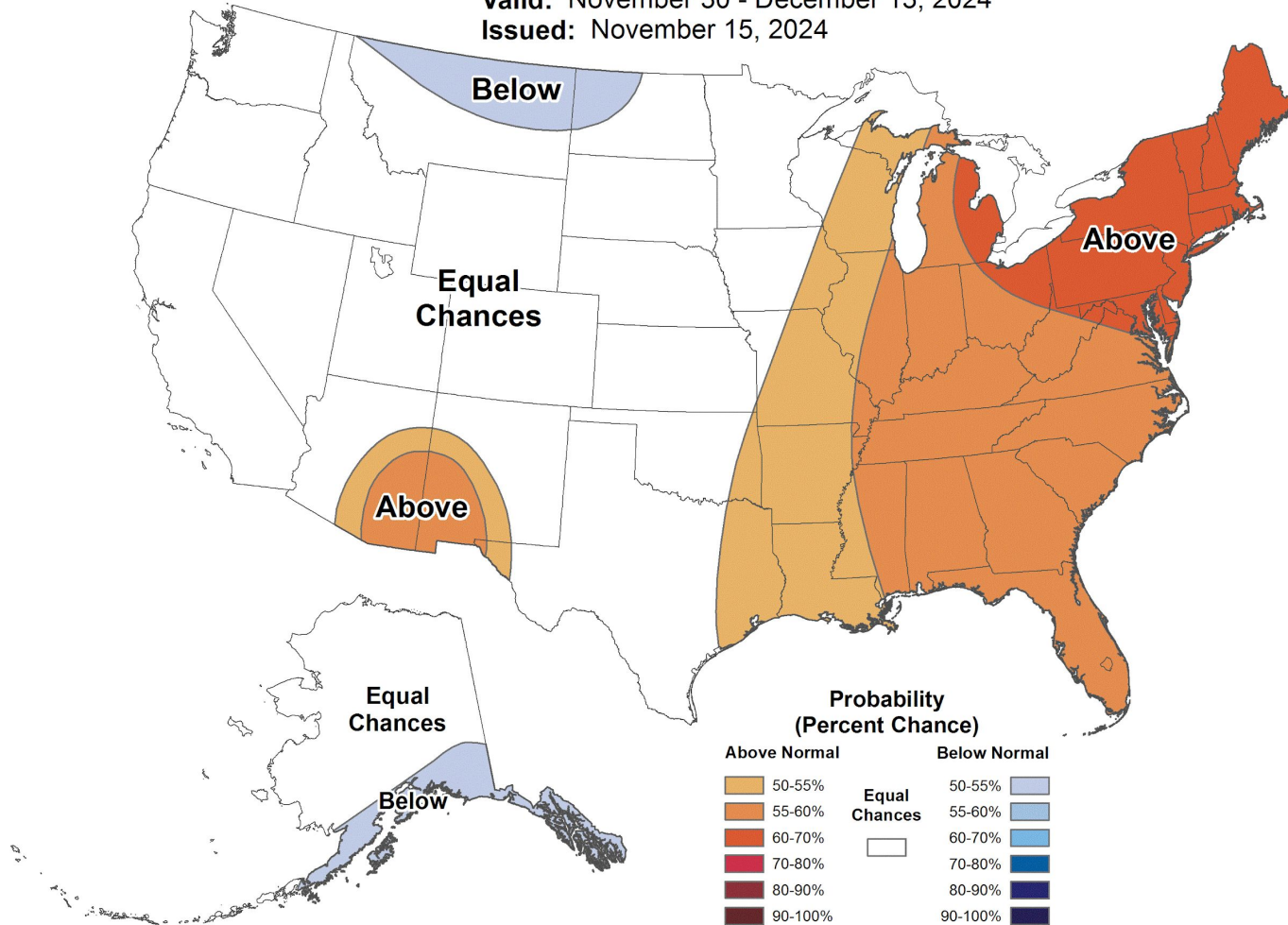
November 21, 2024
12:00 PM



Weeks 3-4 Temperature Outlook



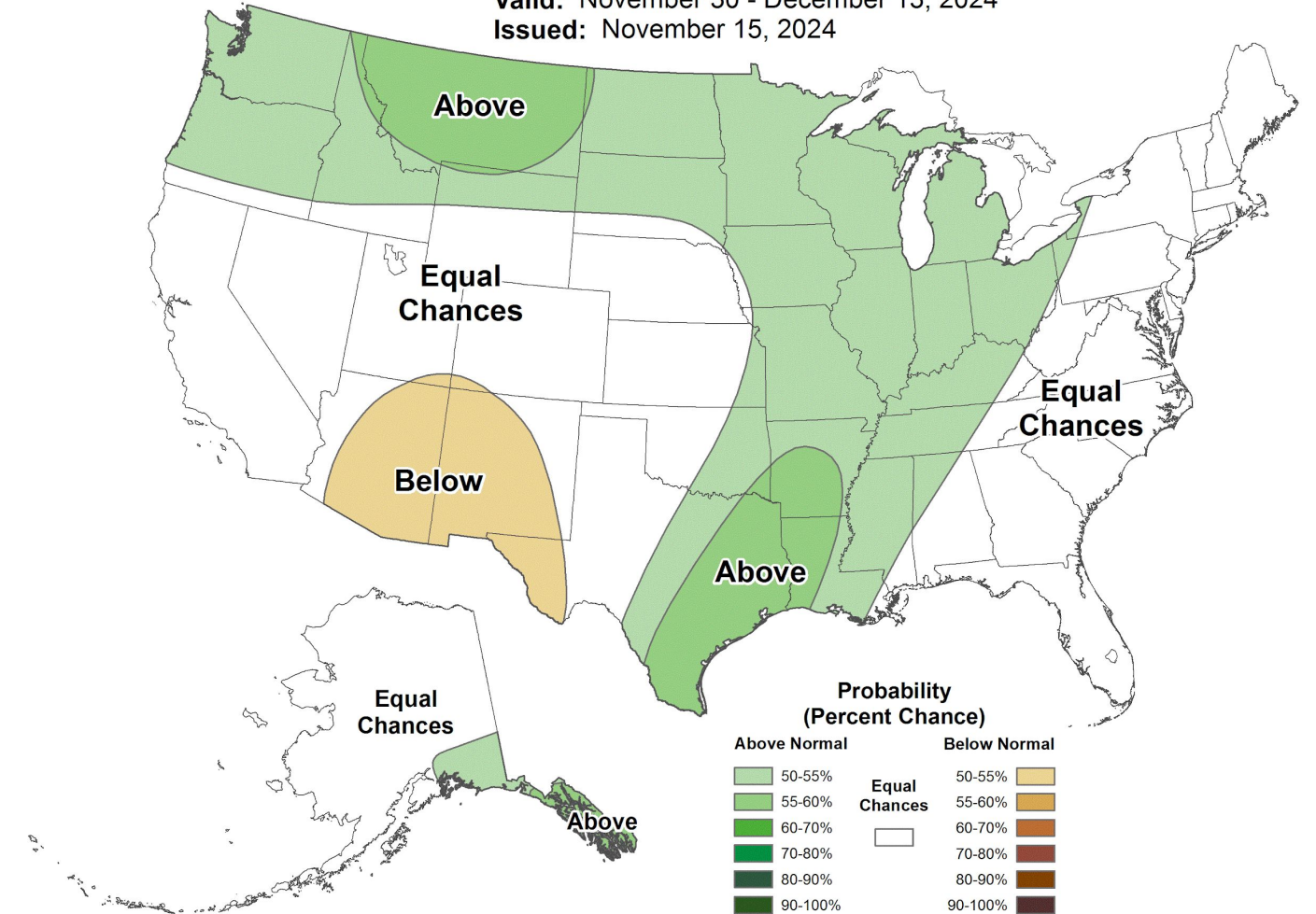
Valid: November 30 - December 13, 2024
Issued: November 15, 2024



Weeks 3-4 Precipitation Outlook



Valid: November 30 - December 13, 2024
Issued: November 15, 2024



- Looking further ahead into the first half of December, there is a slight chance to see both above normal temperatures and above normal precipitation for southern WI





Dec - Feb Outlook

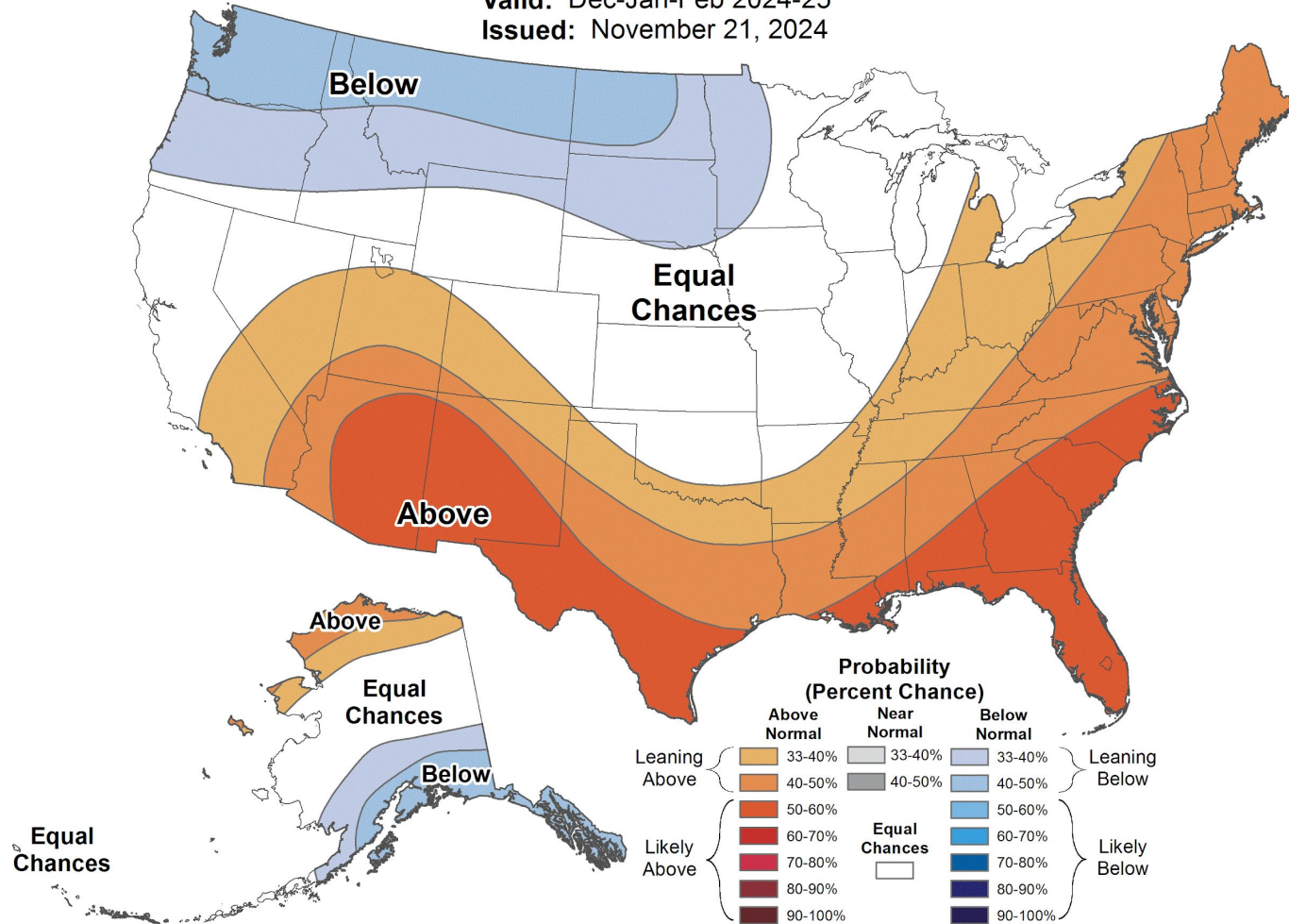
November 21, 2024
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Seasonal Temperature Outlook



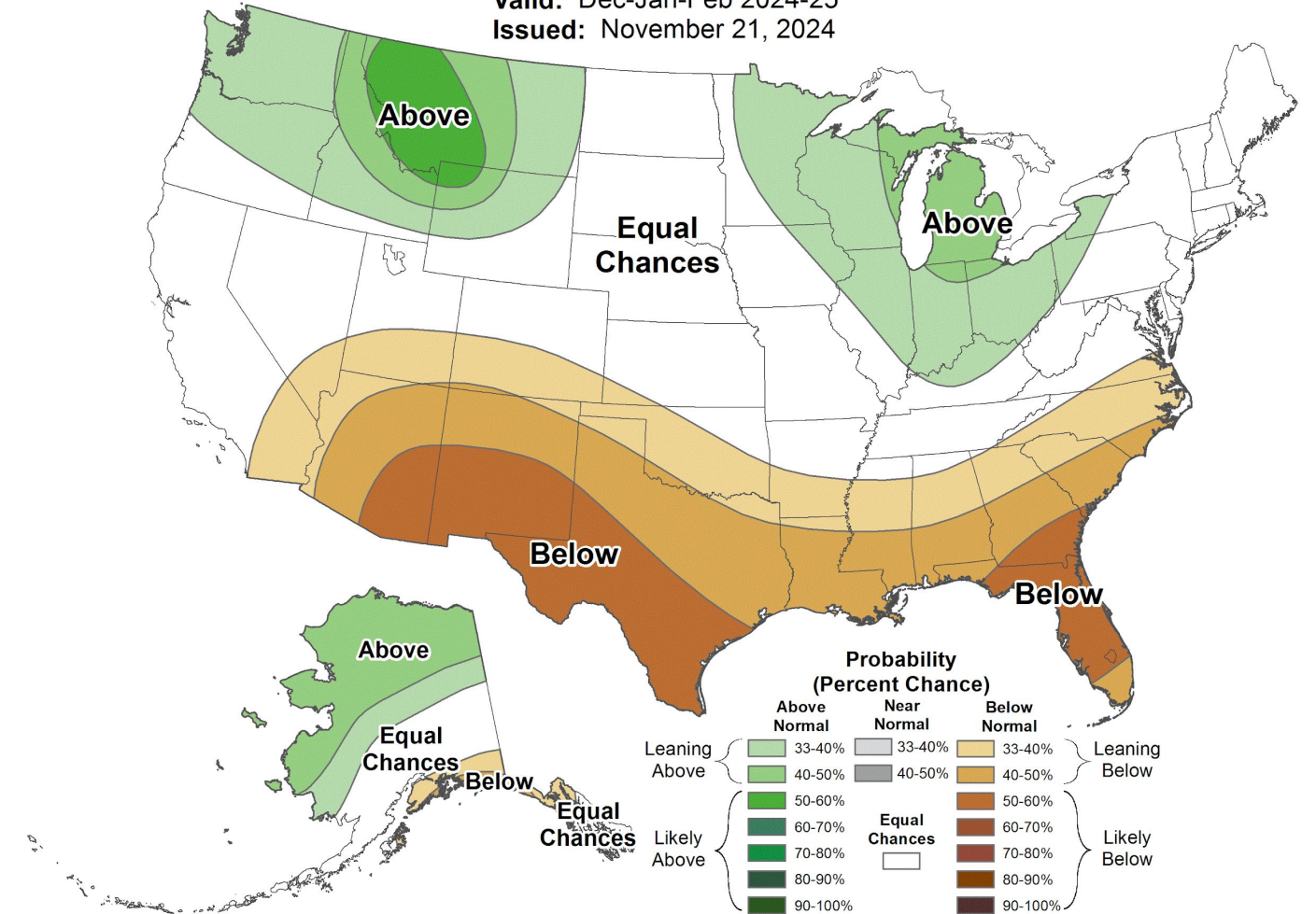
Valid: Dec-Jan-Feb 2024-25
Issued: November 21, 2024



Seasonal Precipitation Outlook



Valid: Dec-Jan-Feb 2024-25
Issued: November 21, 2024



- La Nina conditions are developing. During La Nina conditions in Wisconsin, winter can be highly variable. There is no signal one way or the other for temperatures during the December, January, February season, meaning there are equal chances for above, near and below average temperatures. There are slightly increased odds for above average precipitation.





Drought Outlook

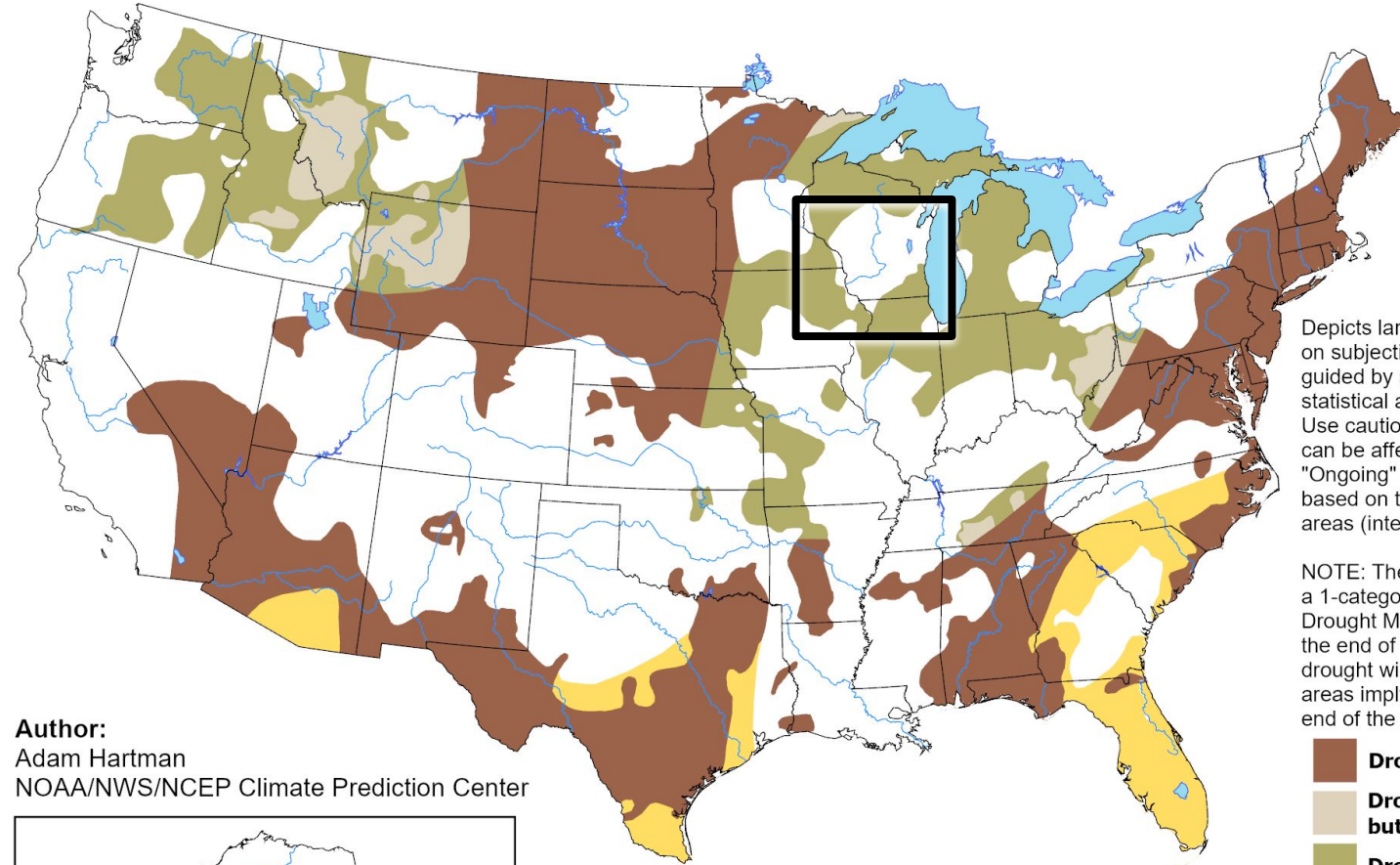
November 21, 2024
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The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- The drought outlook for end of November through February indicates drought is likely to be removed and no drought conditions across southern Wisconsin.

U.S. Seasonal Drought Outlook Valid for November 21, 2024 - February 28, 2025

Drought Tendency During the Valid Period Released November 21, 2024

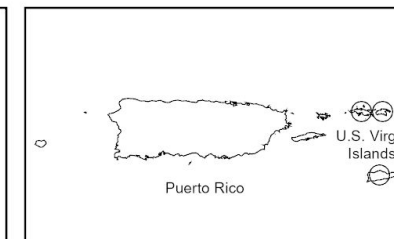
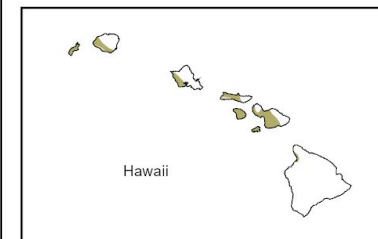
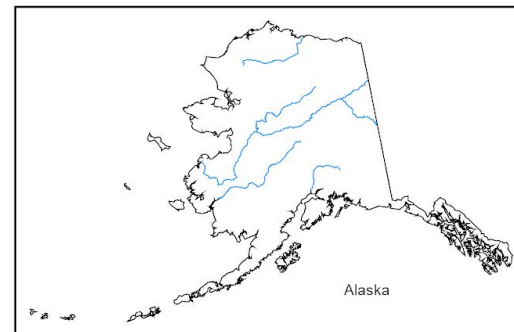


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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