



Drought Information Statement for Southern Wisconsin

Valid April 16, 2024 - Issued April 18, 2024

Issued By: NWS Milwaukee

Contact Information: nws.milwaukee@noaa.gov

- This product will be updated May 2, 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.



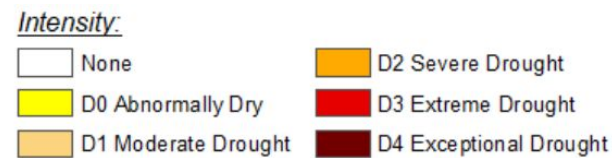
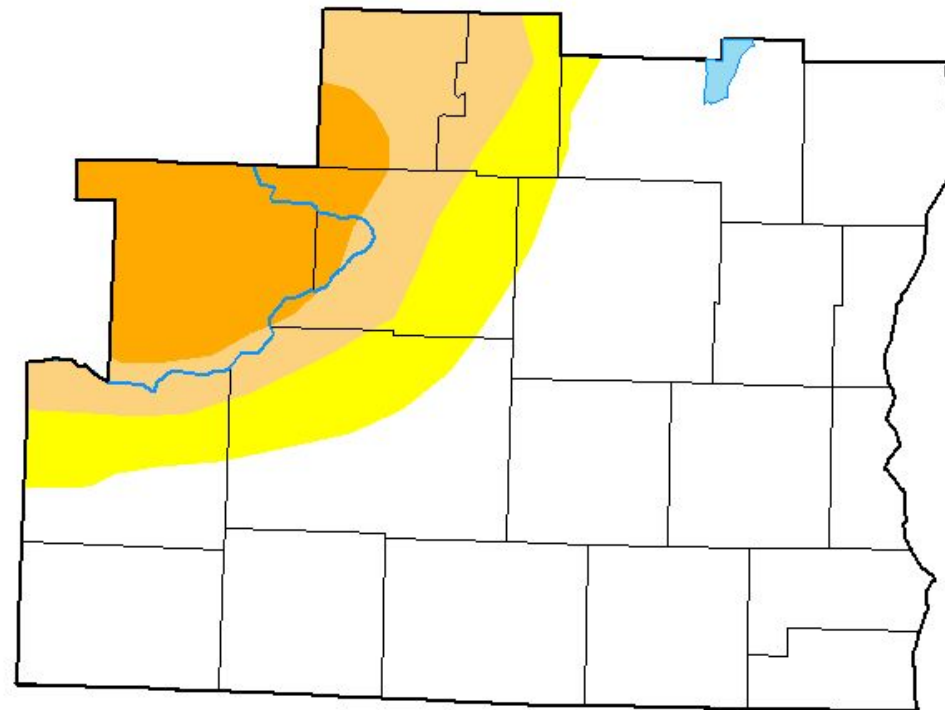


Wisconsin Drought Update

April 18, 2024
8:23 AM

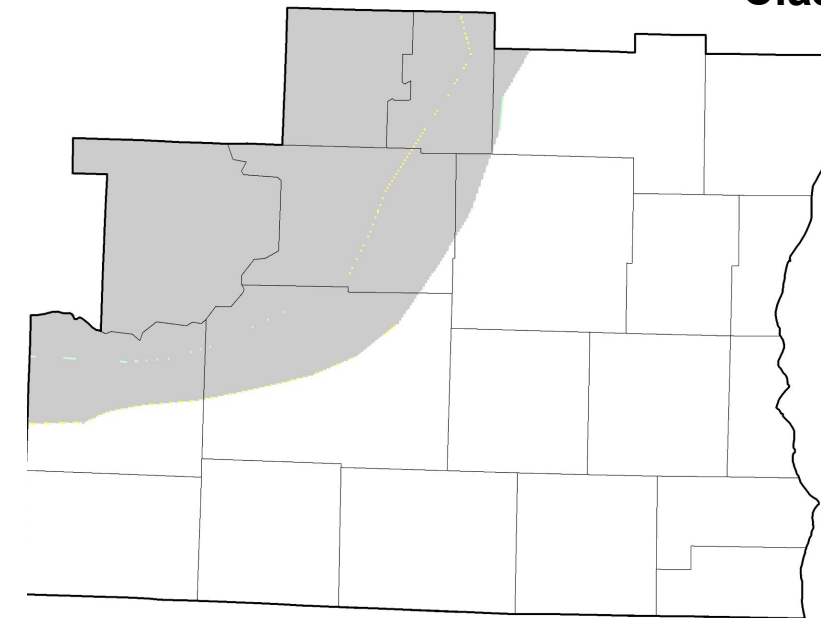
- Severe Drought continues in Sauk, southwest Marquette, and western Columbia counties
- Moderate Drought continues in Marquette, western Green Lake, central Columbia, northwest Dane and northern Iowa counties.
- No changes over the past week. A 1 class improvement occurred over the past 4 weeks in Green Lake, Fond du Lac, Lafayette and Green Counties (not shown).

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



April 16, 2024
 (Released Thursday, Apr. 18, 2024)
 Valid 8 a.m. EDT

**1 Week Drought Condition
 Class Change**



droughtmonitor.unl.edu



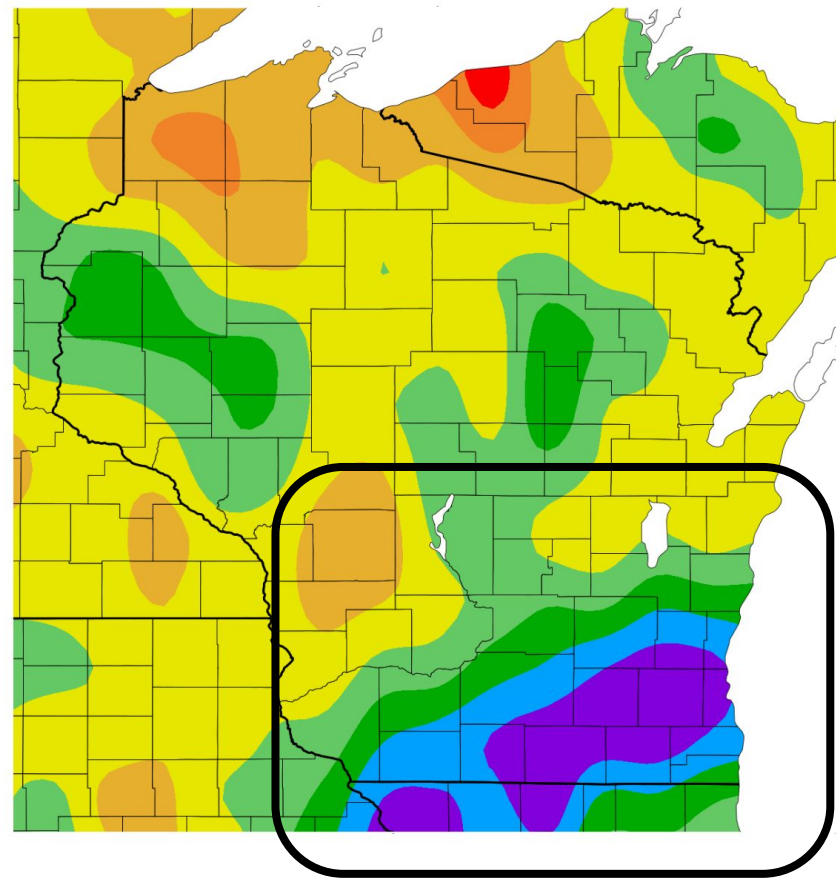


Precipitation

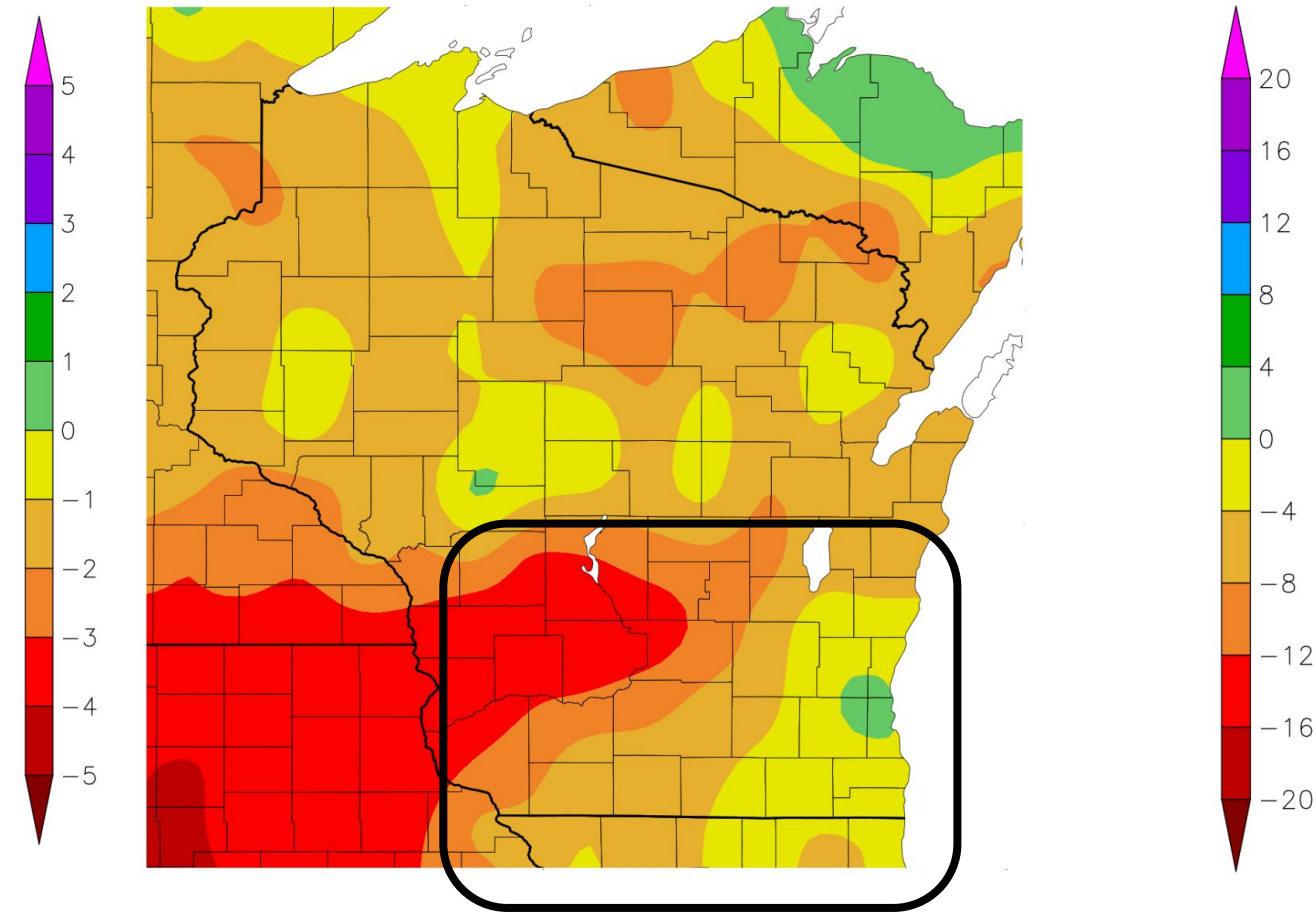
April 18, 2024
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- Precipitation over the 3 months is within one inch of normal in the drought areas
- Precipitation deficits over the past year are 8 to 16 inches in the drought areas of southern Wisconsin

Departure from Normal Precipitation (in)
1/19/2024 – 4/17/2024

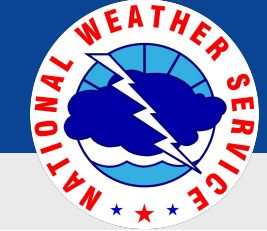


Departure from Normal Precipitation (in)
4/17/2023 – 4/16/2024



Images courtesy of High Plains Regional Climate Center





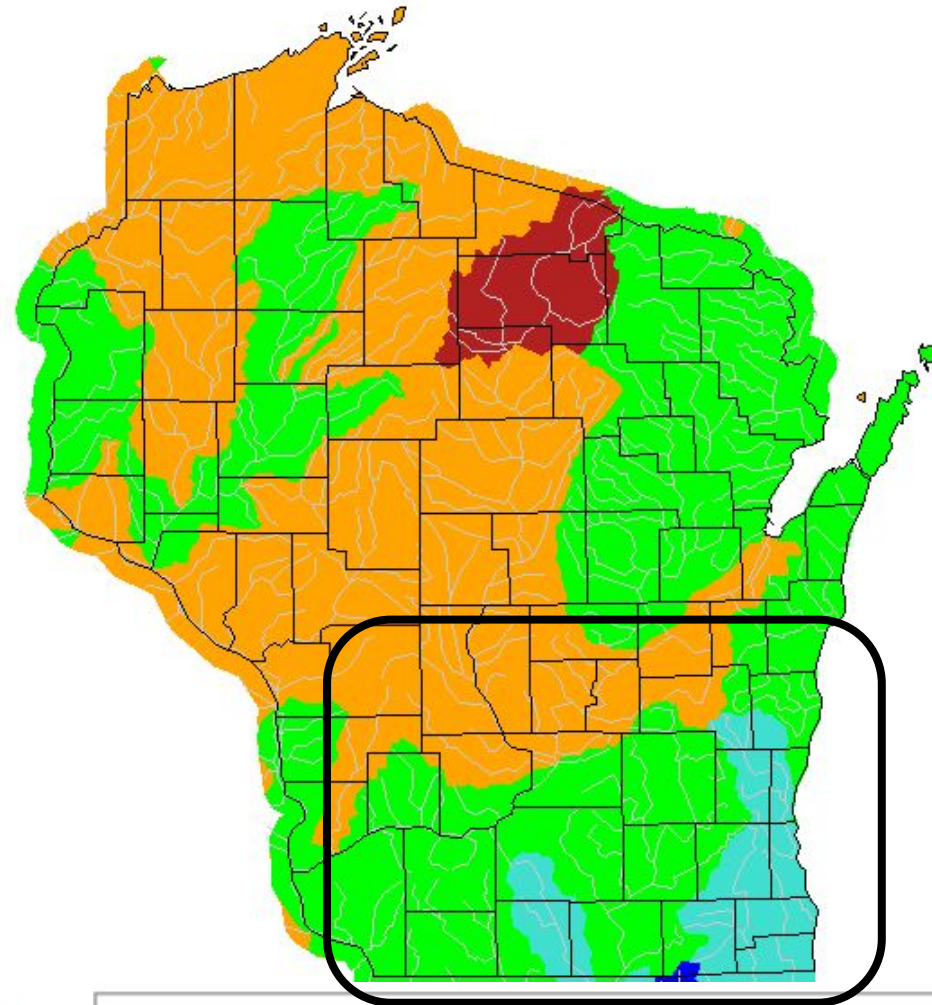
Current Conditions

April 18, 2024
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- Streamflow over the past 4 weeks is in the 10-24th percentile in the Baraboo and lower Wisconsin river basin
- Streamflow is in the 76-90th percentile in far southeast Wisconsin
- Streamflow is in the 25-75th (the normal category) for the remainder of southern Wisconsin
- Soil Moisture is in the 20-30th percentile in the drought areas of southern WI

28 Day Streamflow

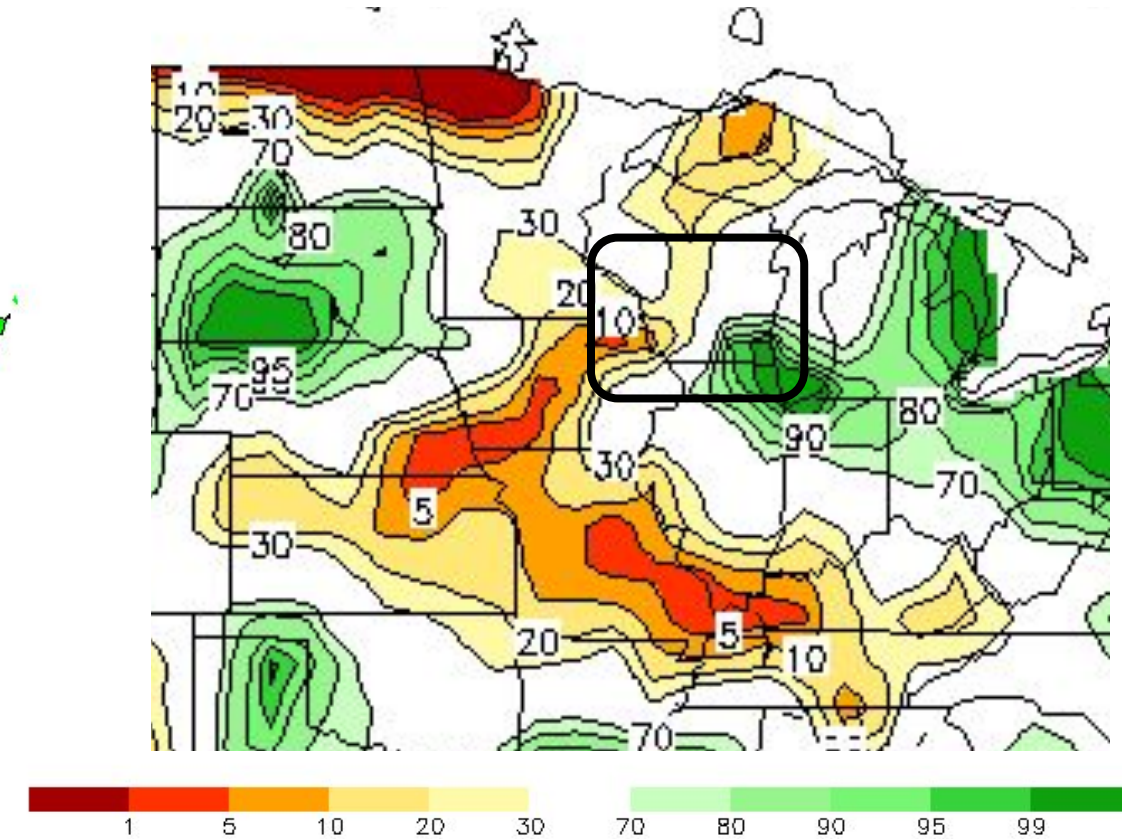
Wednesday, April 17, 2024

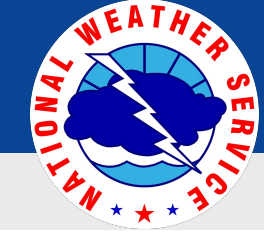


Explanation - Percentile classes

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

CPC Calculated Soil Moisture Percentile April 14, 2024



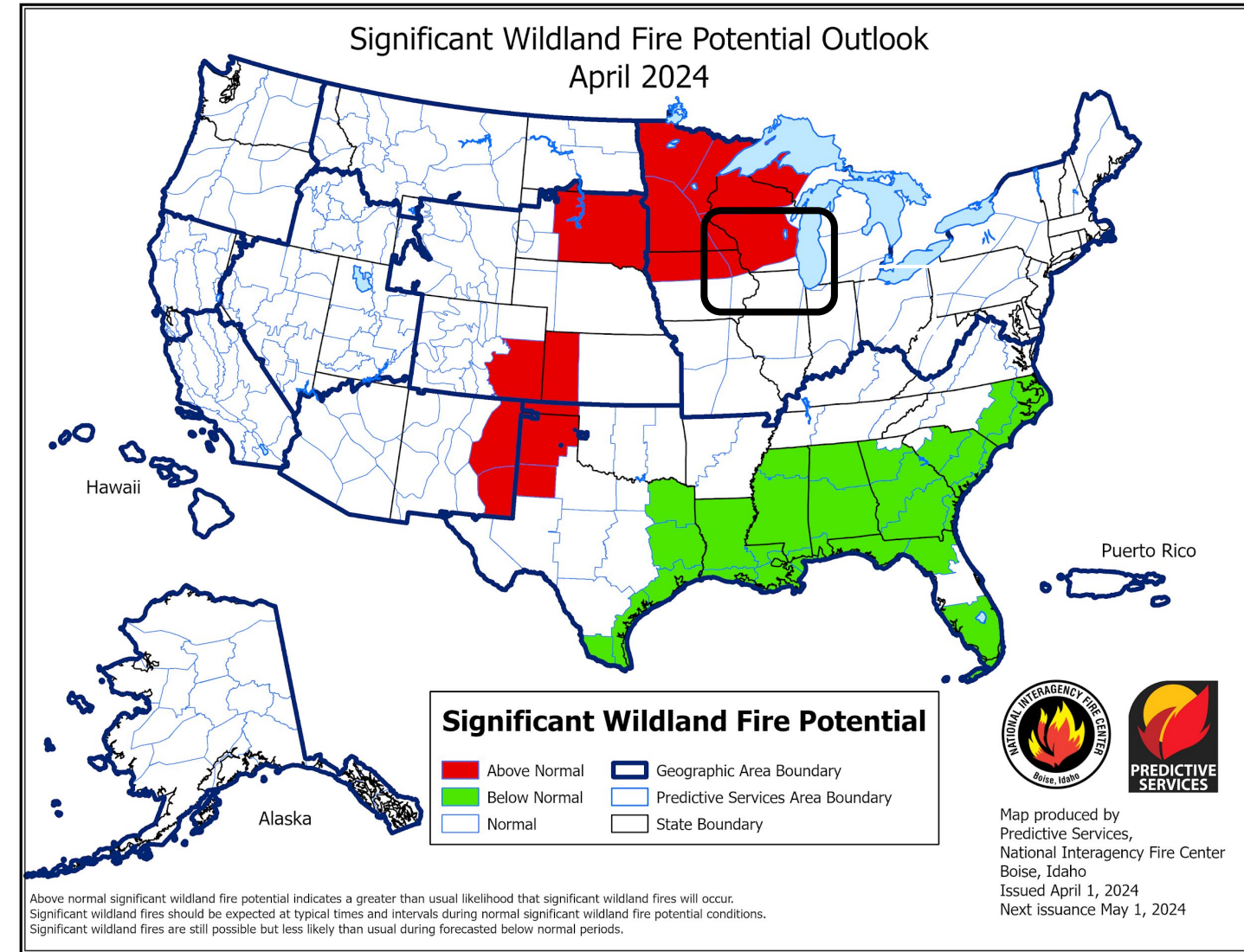


Fire Hazard Impacts

April 18, 2024
8:23 AM

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

- The Significant Wildland Fire Potential Outlook indicates above normal for Wisconsin for April
- DNR Fire Danger is low for southern Wisconsin



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

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





Summary of Impacts

April 18, 2024
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Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- Streamflow over the past 4 weeks is in the 10-24th percentile in the Baraboo and lower Wisconsin river basin

Agricultural Impacts

- None known at this time

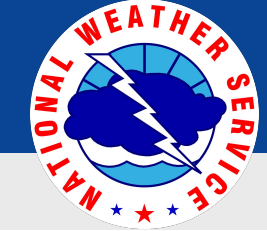
Fire Hazard Impacts

- The Significant Wildland Fire Potential Outlook indicates above normal for Wisconsin for April
- DNR Fire Danger is low for southern Wisconsin

Mitigation Actions

- None known at this time





Week 2 Outlook

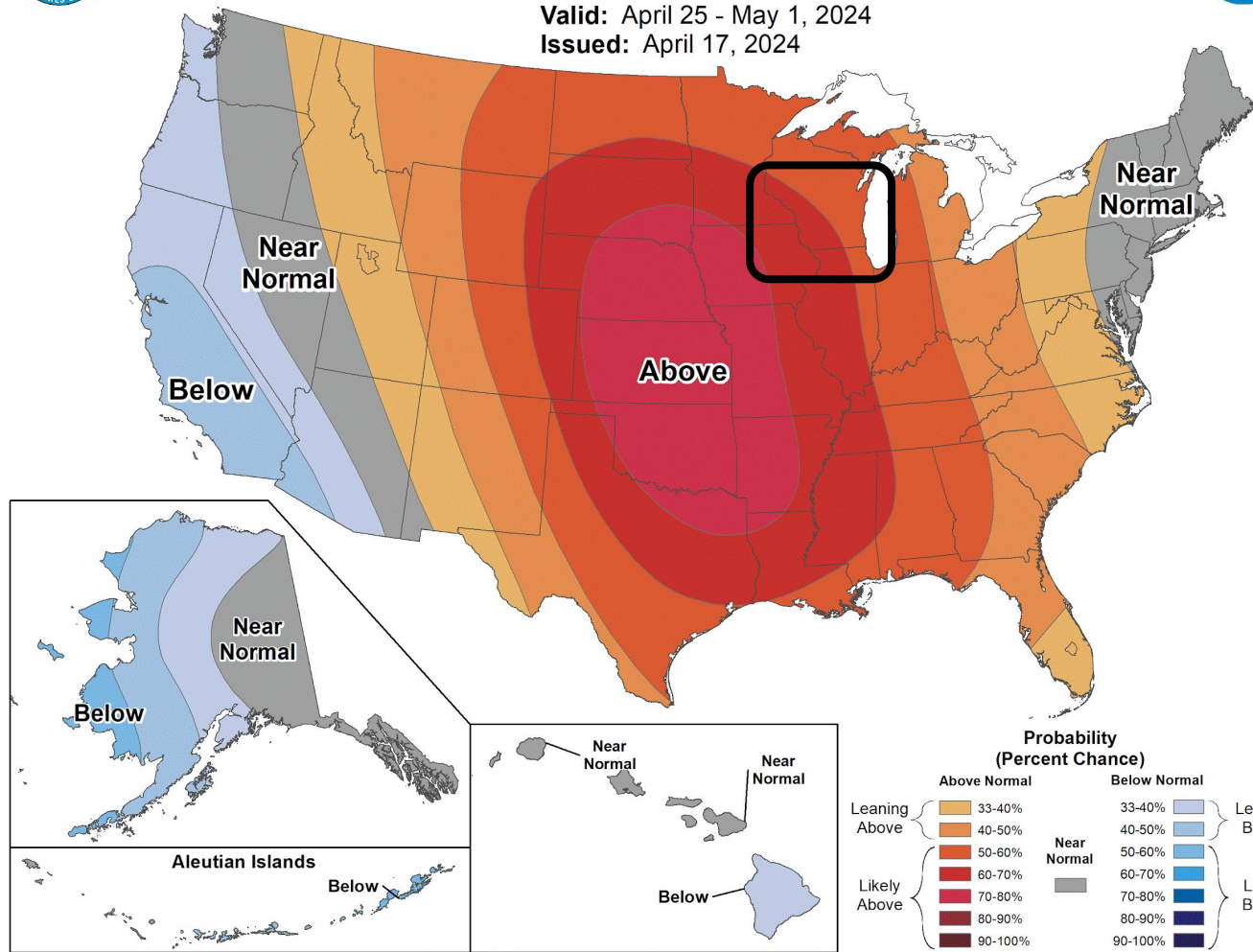
April 18, 2024
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8-14 Day Temperature Outlook



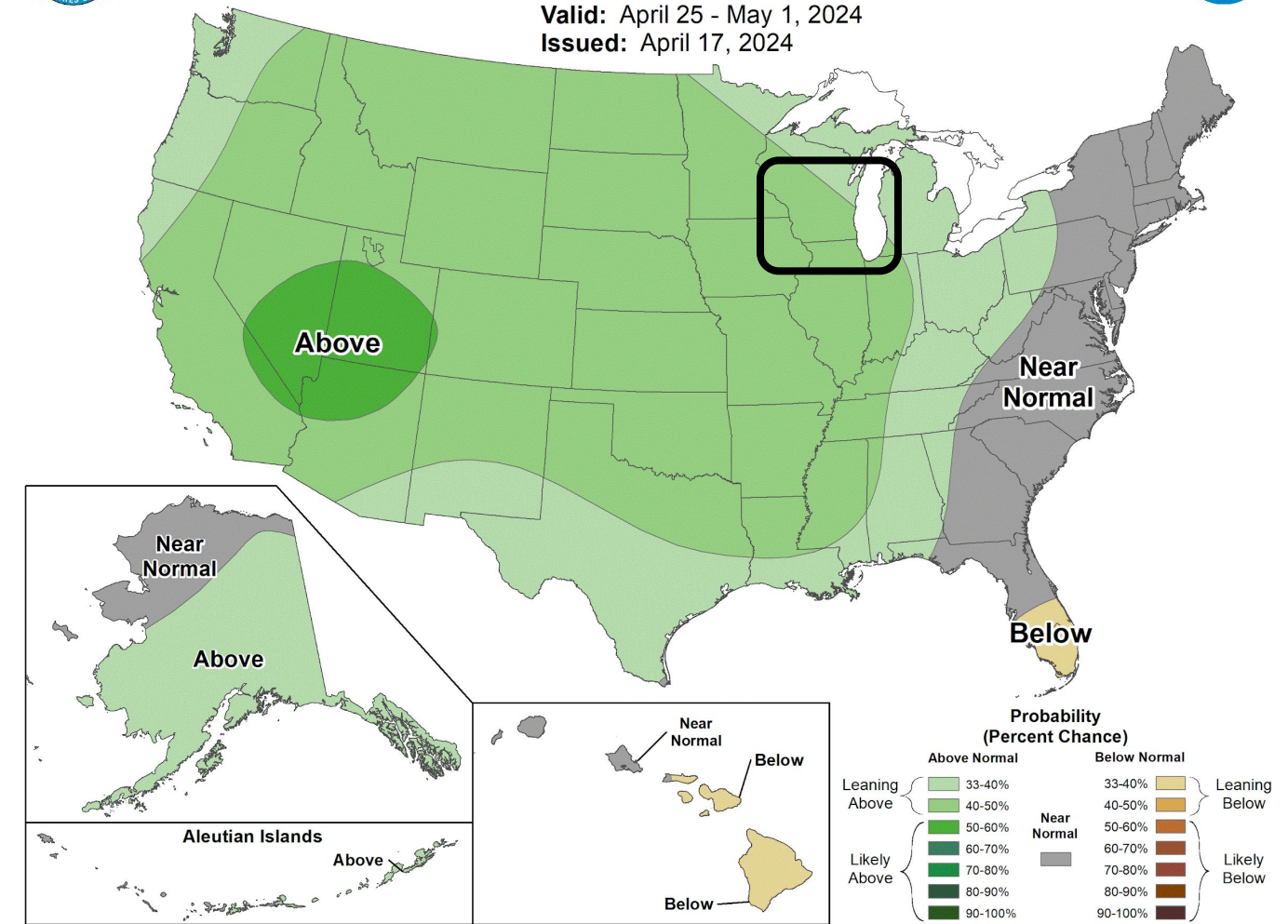
Valid: April 25 - May 1, 2024
Issued: April 17, 2024



8-14 Day Precipitation Outlook

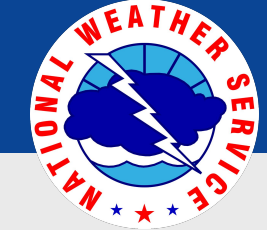


Valid: April 25 - May 1, 2024
Issued: April 17, 2024



- There are enhanced odds for above average temperature and above average precipitation during the last week of April.





Extended Week 3-4 Outlook

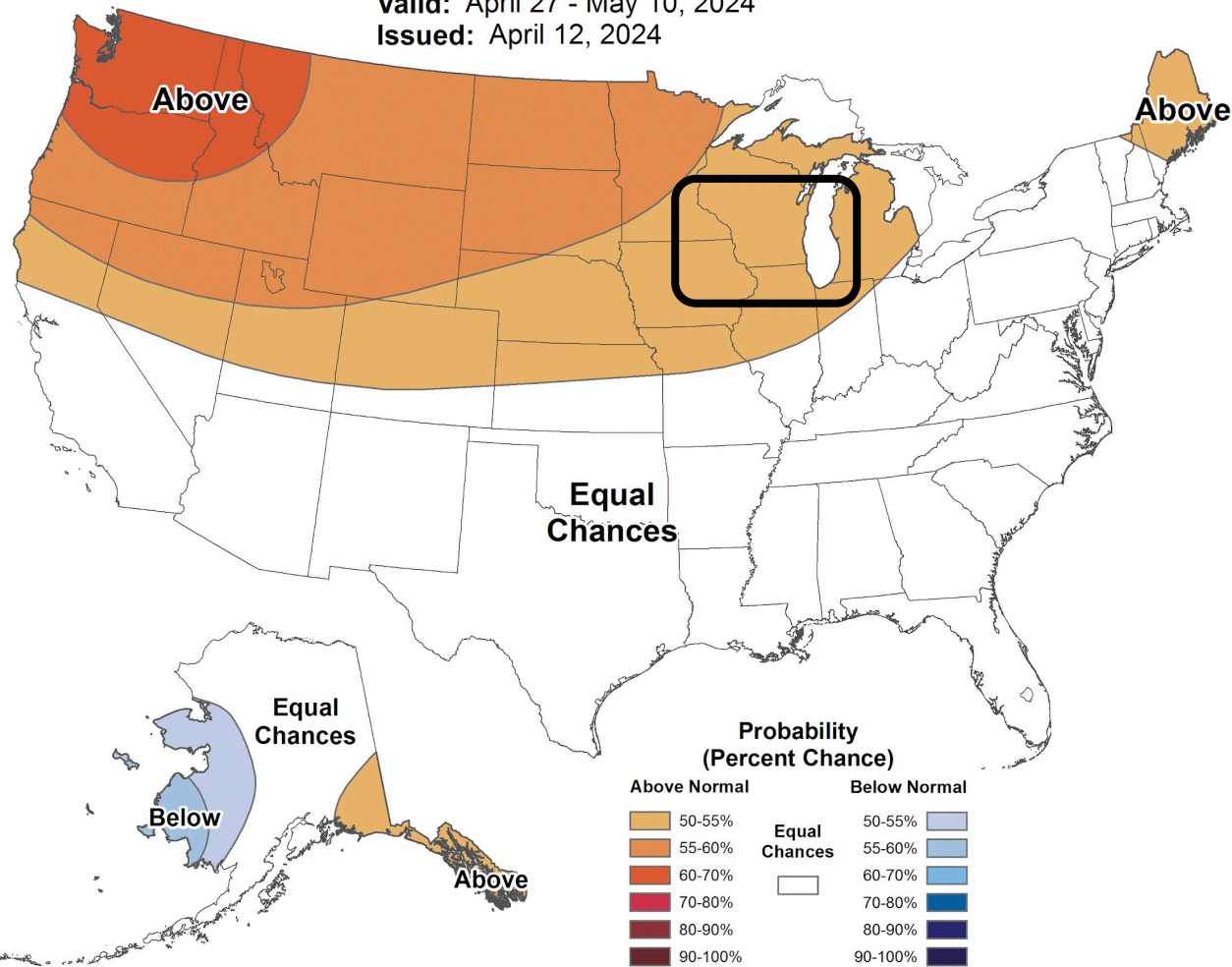
April 18, 2024
8:23 AM



Weeks 3-4 Temperature Outlook



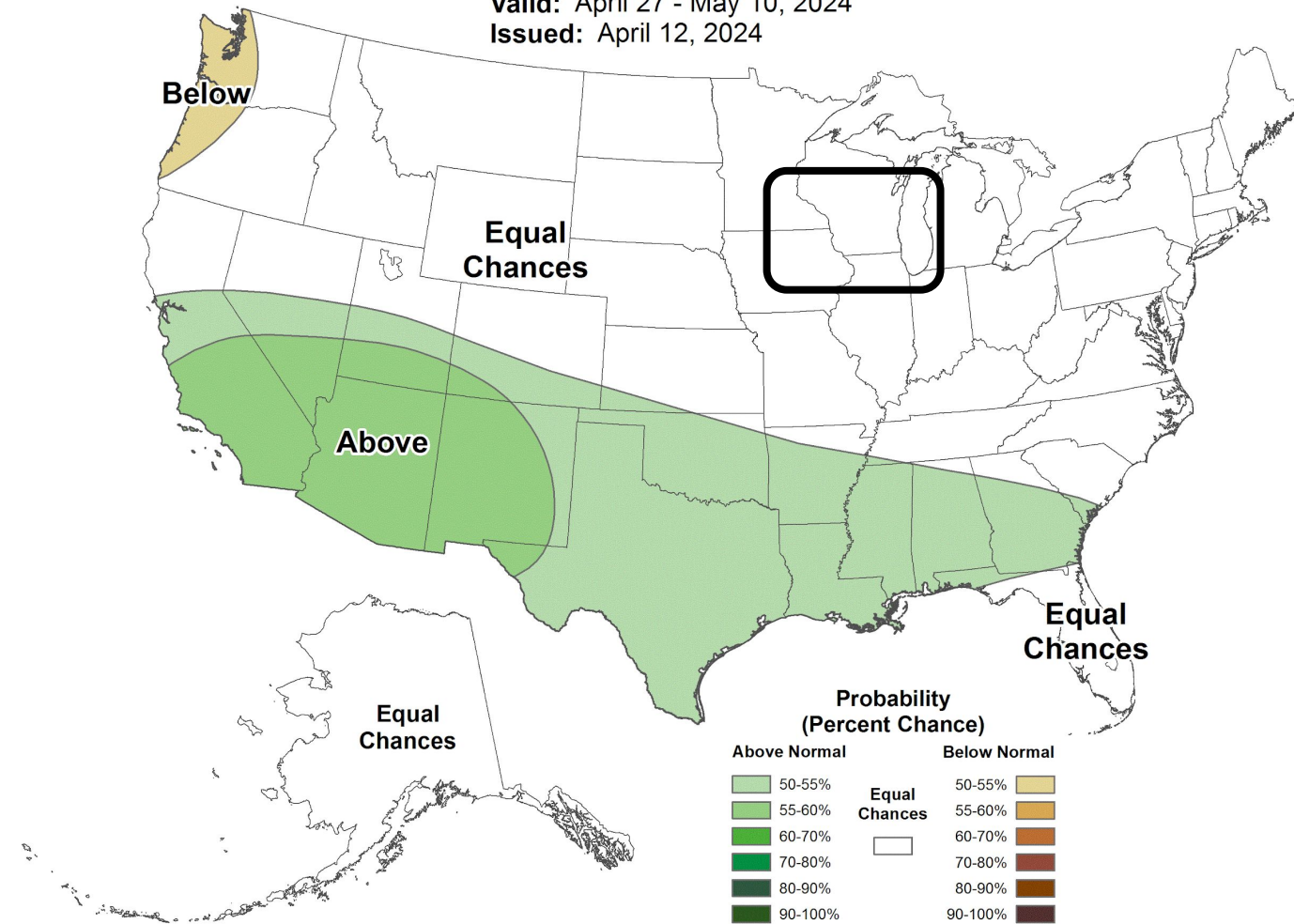
Valid: April 27 - May 10, 2024
Issued: April 12, 2024



Weeks 3-4 Precipitation Outlook



Valid: April 27 - May 10, 2024
Issued: April 12, 2024



- There are enhanced odds for above average temperature and equal chances of above, near, and below average precipitation during April 27 to May 10.





May June July Outlook

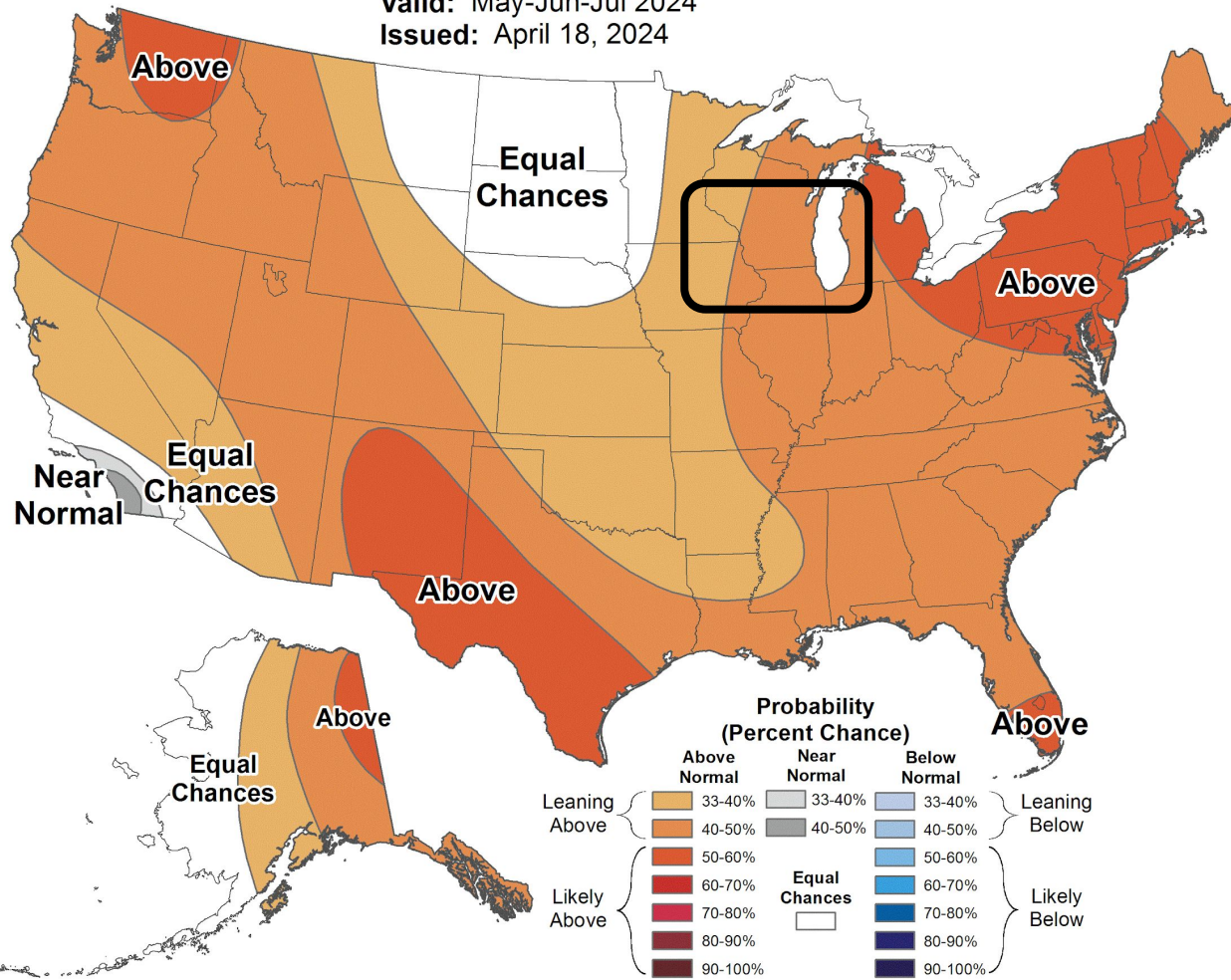
April 18, 2024
8:23 AM



Seasonal Temperature Outlook



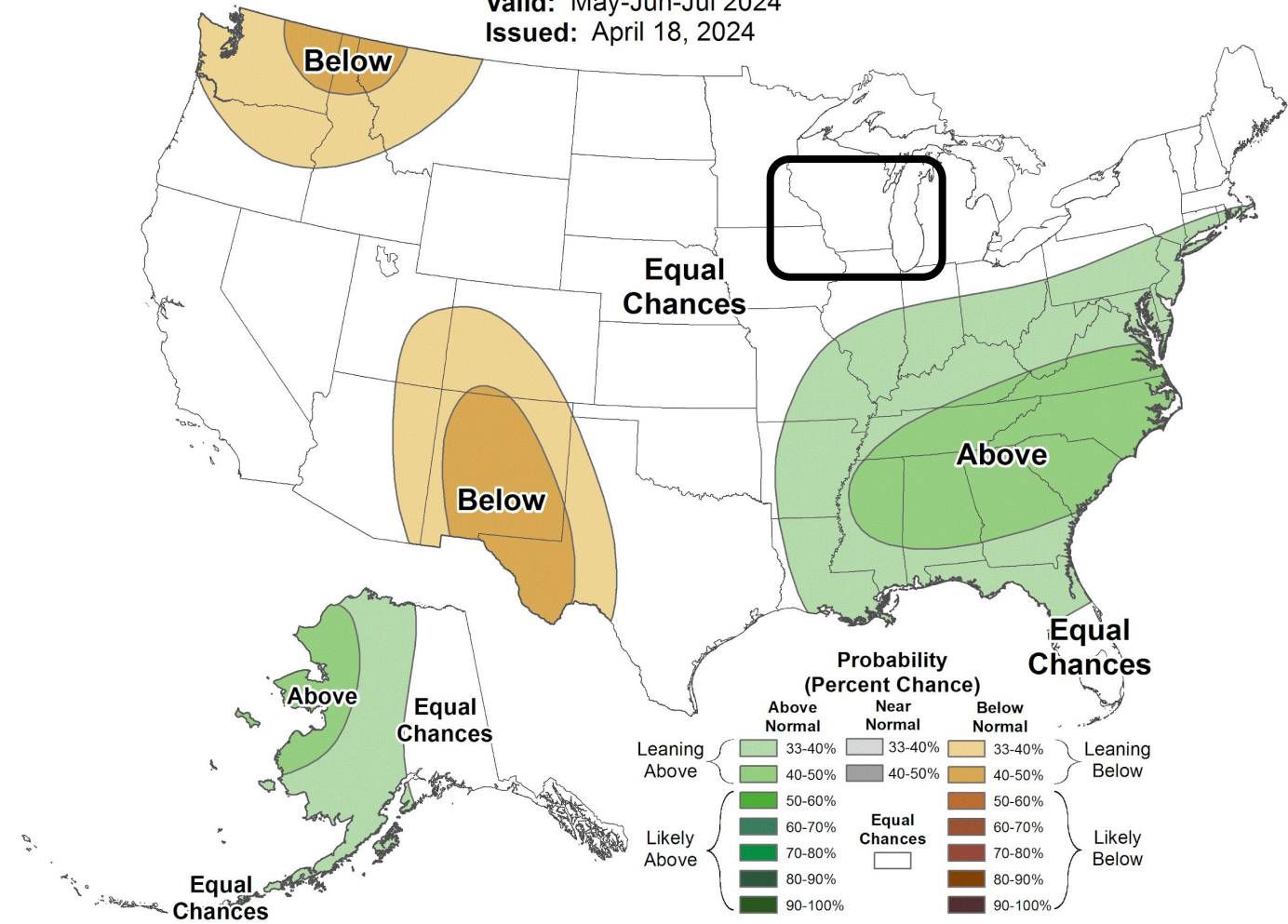
Valid: May-Jun-Jul 2024
Issued: April 18, 2024



Seasonal Precipitation Outlook



Valid: May-Jun-Jul 2024
Issued: April 18, 2024



- The are enhanced odds for above average temperature and equal chances of above, near, and below average precipitation for the May, June, July time period.





Drought Outlook

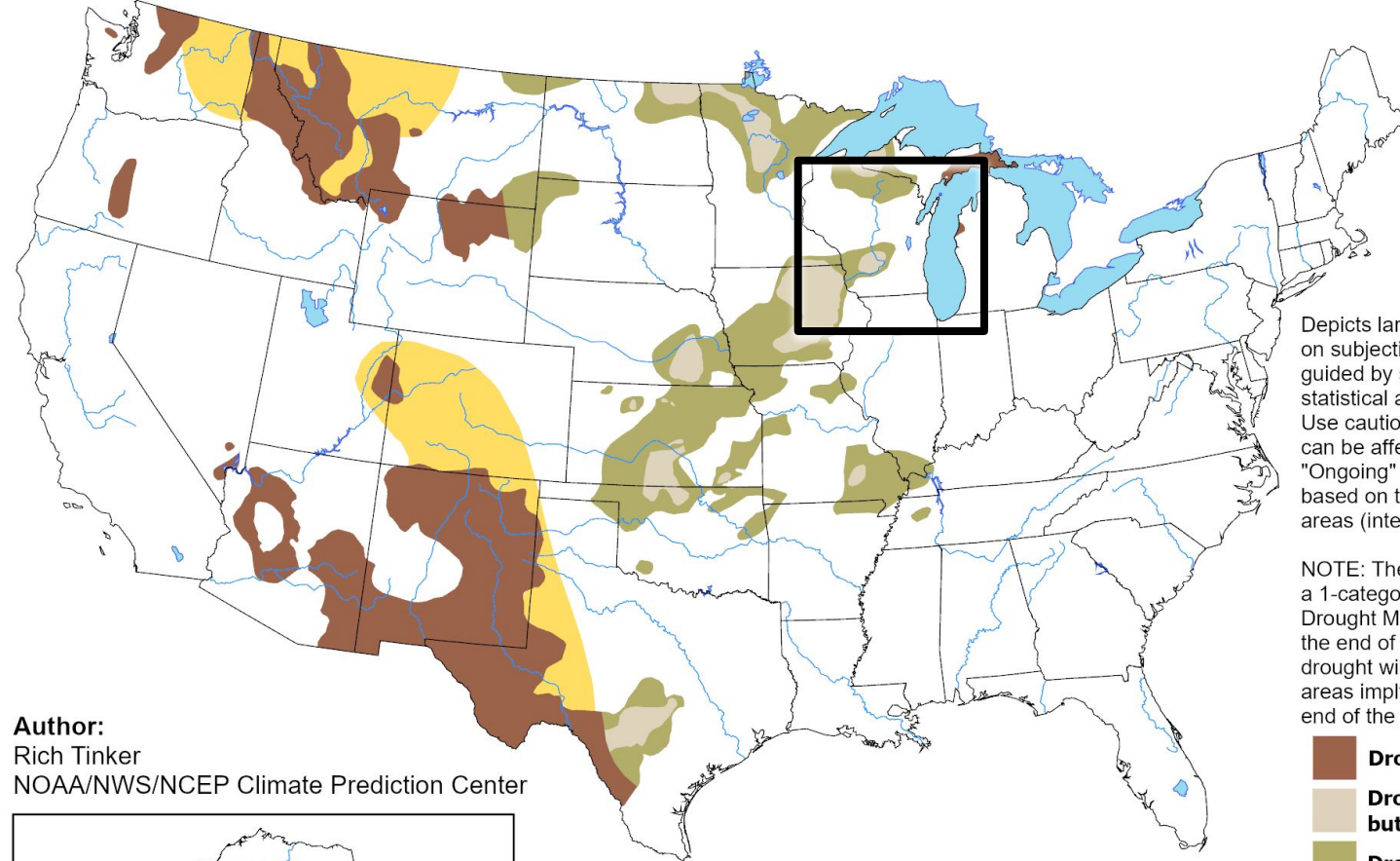
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The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- The Climate Prediction Center's drought outlook for April through July indicates some improvement to drought removal likely for the drought areas in southern Wisconsin.

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

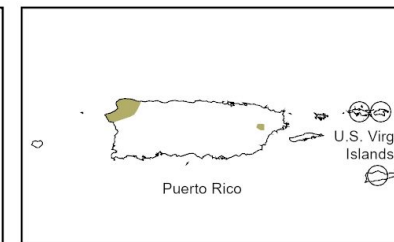
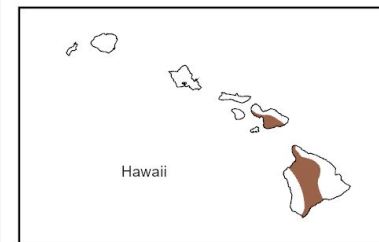
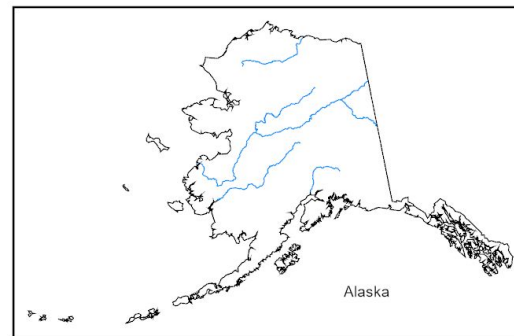
Valid for April 18 - July 31, 2024
Released April 18, 2024



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).

Author:
Rich Tinker
NOAA/NWS/NCEP Climate Prediction Center



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



<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