



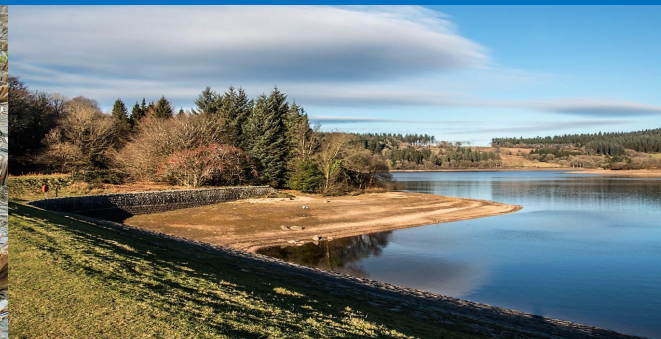
Drought Information Statement for Central and Northeast Wisconsin

Valid April 29, 2024

Issued By: WFO Green Bay, WI

Contact Information: nws.greenbay@noaa.gov

- This product will be updated by June 1, 2024 or sooner if drought conditions change significantly.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/grb/DroughtInformationStatement> for previous statements.



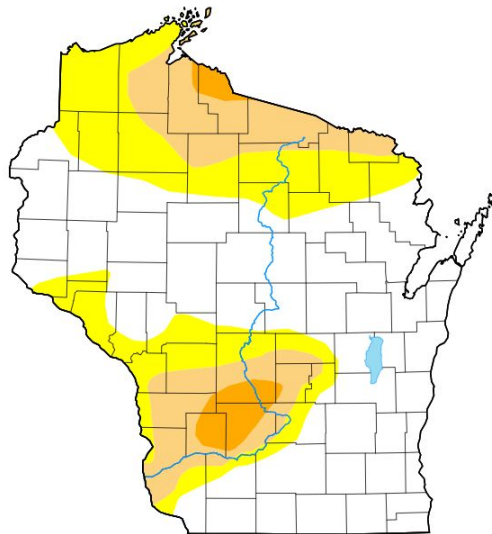


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for the Midwest

Drought Intensity and Extent

- **D2 (Severe Drought):**
 - Was removed across Vilas County during the past week.
- **D1 (Moderate Drought) / D0 (Abnormally Dry)**
 - Continues across north-central and far northeast WI north of a Merrill to Antigo to Wausaukee line, and across Waushara County and the very far southern sections of Wood and Portage counties.



Map released: Thurs. April 25, 2024

Data valid: April 23, 2024 at 8 a.m. EDT

Intensity

- None
- D0 (Abnormally Dry)
- D1 (Moderate Drought)
- D2 (Severe Drought)
- D3 (Extreme Drought)
- D4 (Exceptional Drought)
- No Data

Authors

United States and Puerto Rico Author(s):

[David Simerali](#), Western Regional Climate Center

Pacific Islands and Virgin Islands Author(s):

[Tsegaye Tadesse](#), National Drought Mitigation Center

Image Caption: U.S. Drought Monitor valid 8 am EDT April 25, 2024.



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Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for Midwest

- **Four Week Drought Monitor Class Change**

- Much of the area saw at least a one category improvement in the drought as of April 23rd.
- Recent precipitation has helped improve drought conditions across much of the area.

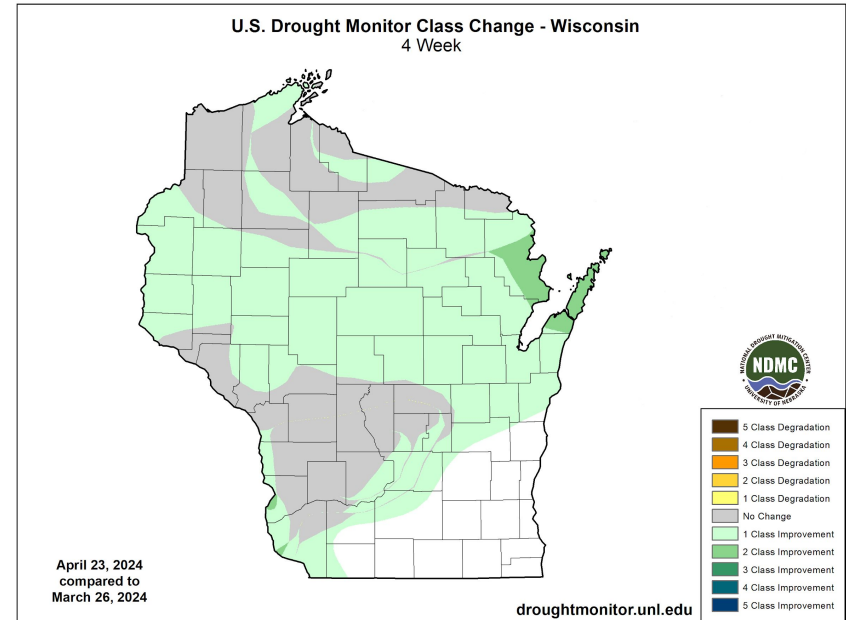


Image Caption: U.S. Drought Monitor 4-week change map valid 7 am EDT April 23, 2024.



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Precipitation

Precipitation Totals and Anomalies Over the Last Month

- Despite 30 day precipitation deficits, recent precipitation has helped improve drought conditions across much of the area.

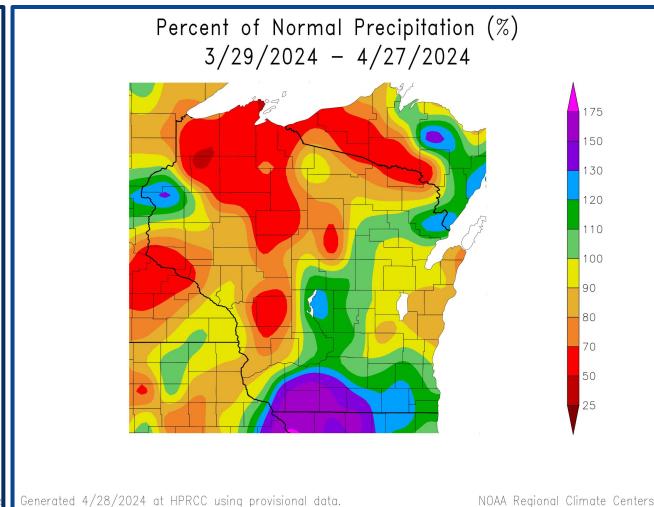
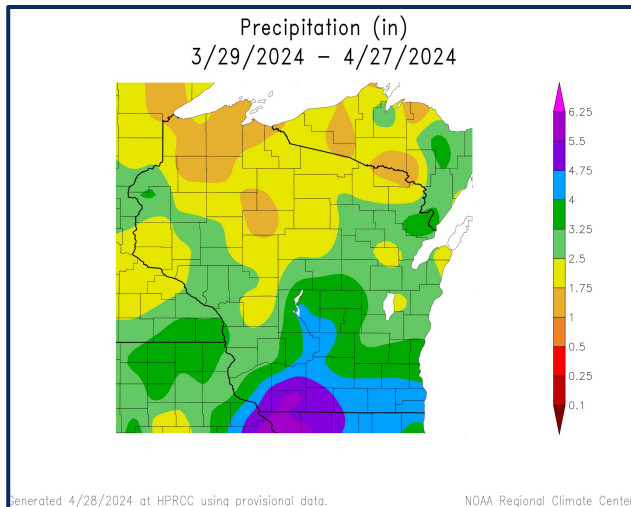


Image Captions:

Left - Precipitation Amount for Wisconsin
Right - Percent of Normal Precipitation for Wisconsin
Data Courtesy High Plains Regional Climate Center.
Data over the past 30 days ending April 27, 2024





Temperature

Temperature Anomalies Over the Last Month

- Temperatures over the last month have been running 1 to 3 degrees above normal.

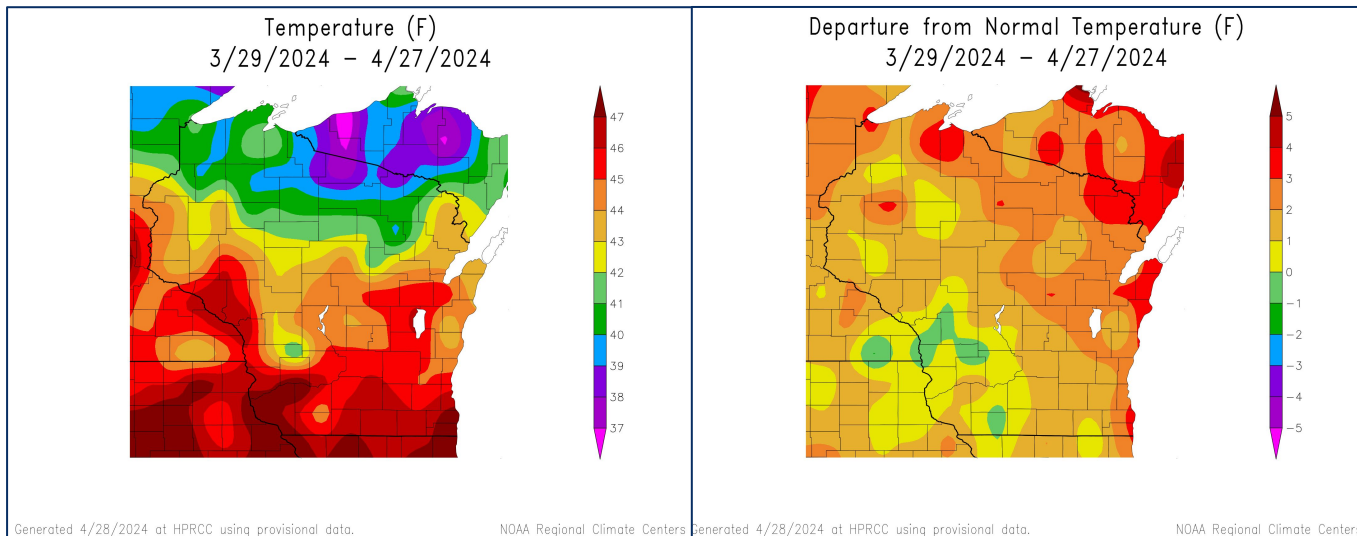


Image Captions:

Left - Average Temperature for Wisconsin

Right - Departure from Normal Temperature for Wisconsin

Data Courtesy High Plains Regional Climate Center.

Data over the past 30 days ending April 27, 2024



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Summary of Impacts

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

Hydrologic Impacts

- The recent precipitation has led to the replenishment of rivers and lakes, but are still running below typical spring time levels.

Agricultural Impacts

- There is no clear signal that the topsoil moisture is wetter or drier than normal across the area based on the Crop Moisture Index by division.

Fire Hazard Impacts

- Fire danger level is low. The chances of rain on Tuesday night and later this week should keep the fire danger in the low category into the weekend.

Other Impacts

- The lack of snow this past winter impacted winter tourism across northern Wisconsin which depends on the seasonal snowfall.

Mitigation Actions

- Please refer to your municipality and/or water provider for mitigation information.





Hydrologic Conditions and Impacts

- Except across central Wisconsin, river levels were running below normal. The greatest departures from normal were over far northeast Wisconsin near Iron Mountain, Michigan.

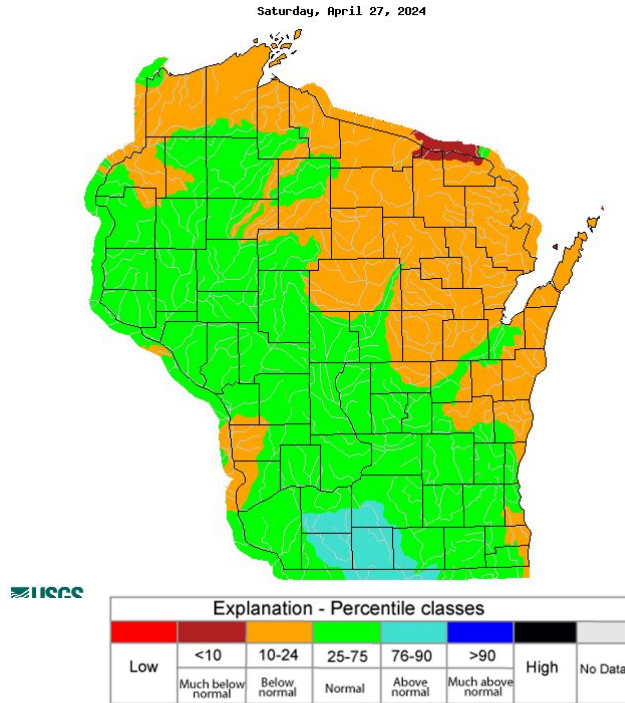


Image Caption: USGS 7 day average streamflow HUC map valid April 27, 2024

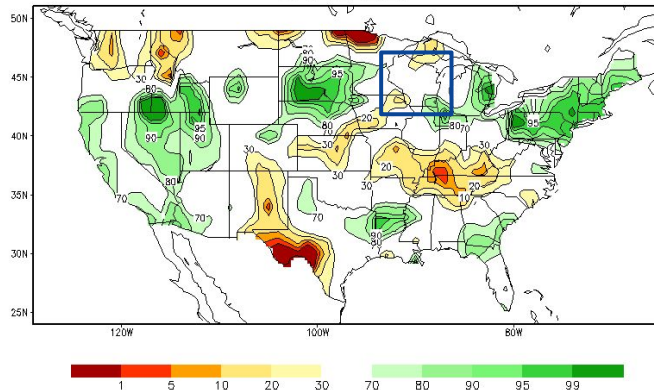




Agricultural Impacts

- The Crop Moisture Index did not show any signals in wetter or drier conditions since we have received precipitation over the last few weeks.

Calculated Soil Moisture Ranking Percentile
APR 27, 2024



Crop Moisture Index by Division
Weekly Value for Period Ending APR 20, 2024
Short Term Need vs. Available Water in a Shallow Soil Profile

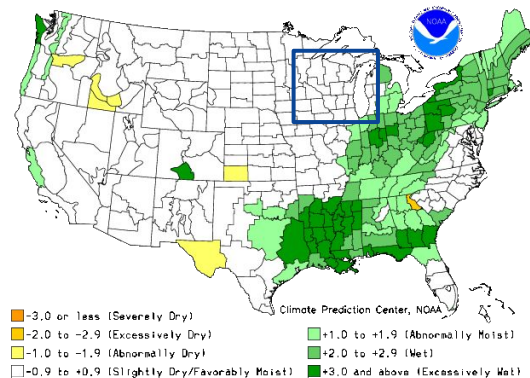


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid April 27, 2024

Right: [Crop Moisture Index by Division](#). Weekly value for period ending April 20, 2024



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Fire Hazard Impacts

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

- The Significant Wildland Fire Potential for May is near normal across northeast Wisconsin and across the state.

[Wisconsin Fire Danger Map](#)

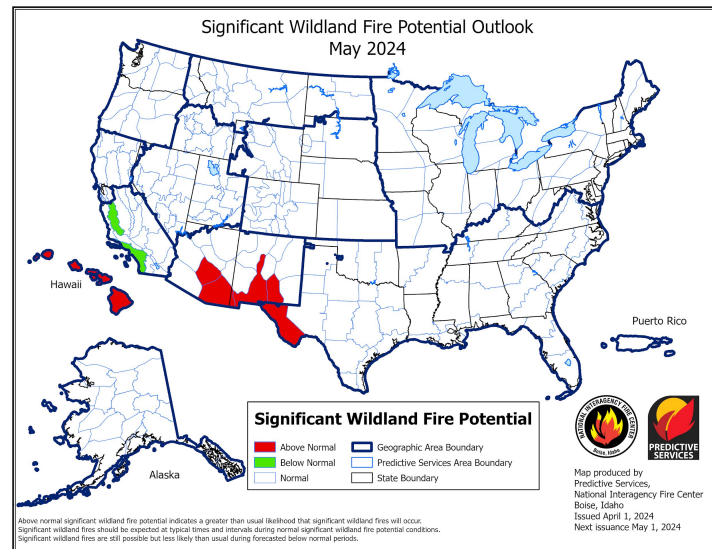


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for May 2024



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Seven Day Precipitation Forecast

- There are chances of rain Tuesday night, but a bigger system late in the week will bring a majority of the expected rainfall over the next week.

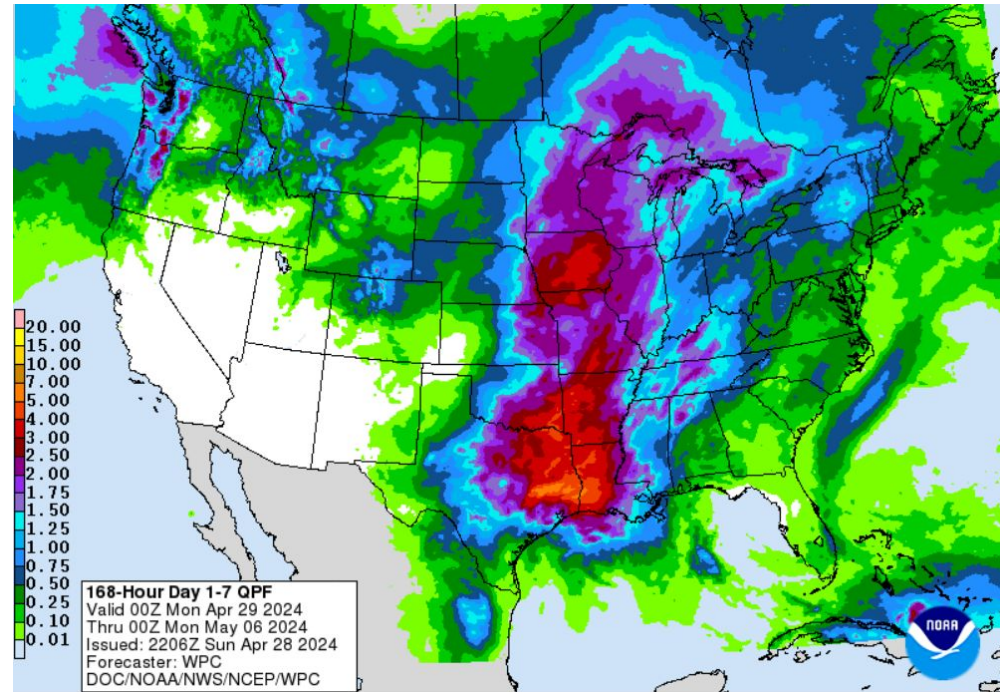


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Monday April 29 through Monday May 6





Long-Range Outlooks

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

- The climate models are indicating a greater chance for above normal temps in May. The climate models was showing a nearly equal chance of above, near or below normal precipitation.

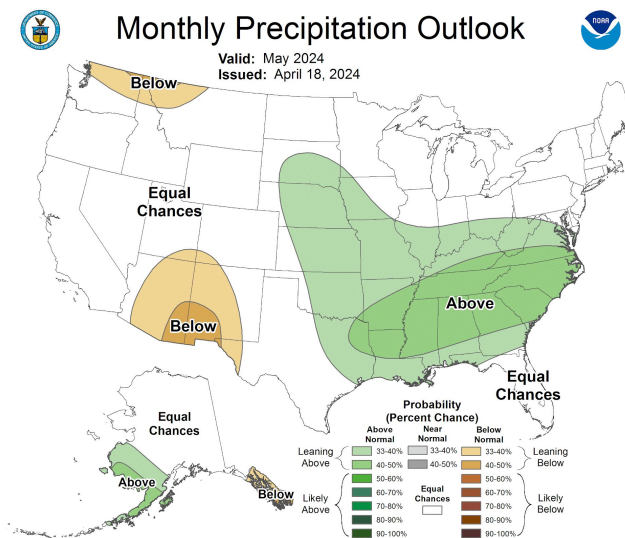
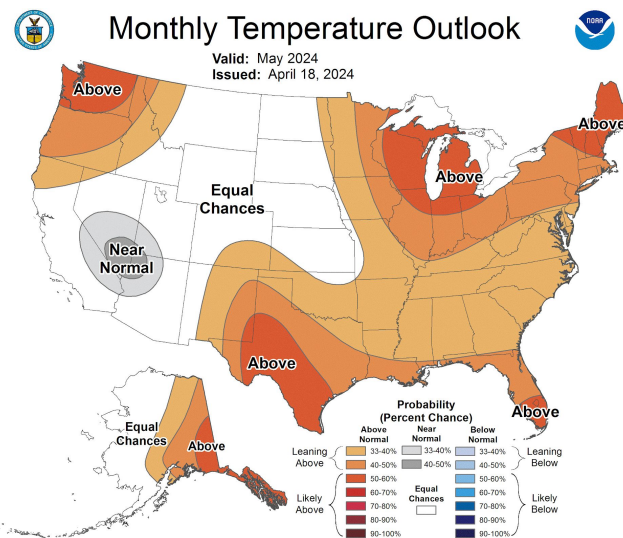


Image Captions:

Left - [Climate Prediction Center Monthly Temperature Outlook.](#)

Right - [Climate Prediction Center Monthly Precipitation Outlook.](#)

Valid 05 2024



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Long-Range Outlooks

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- The climate models are indicating a greater chance for above normal temps to continue during the May through July period. The climate models were not showing a clear trend in above, near or below normal precipitation from May through July period.

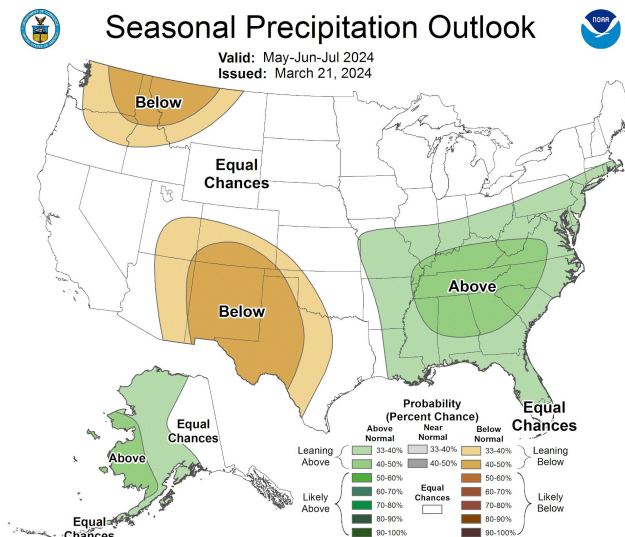
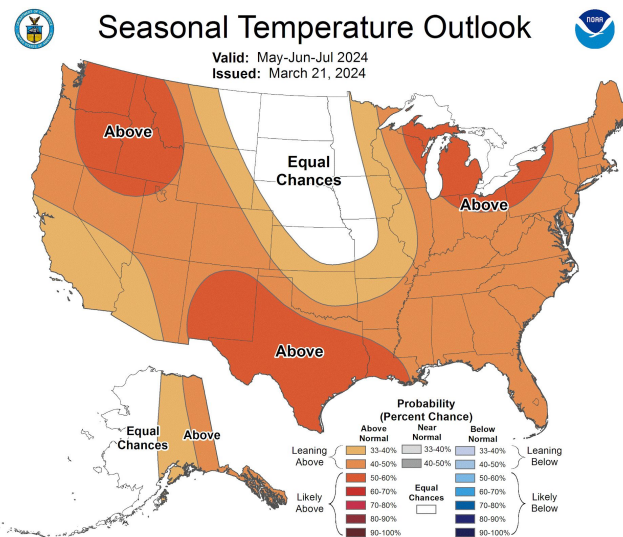


Image Captions:

Left - [Climate Prediction Center Seasonal Temperature Outlook.](#)

Right - [Climate Prediction Center Seasonal Precipitation Outlook.](#)

Valid 05 2024



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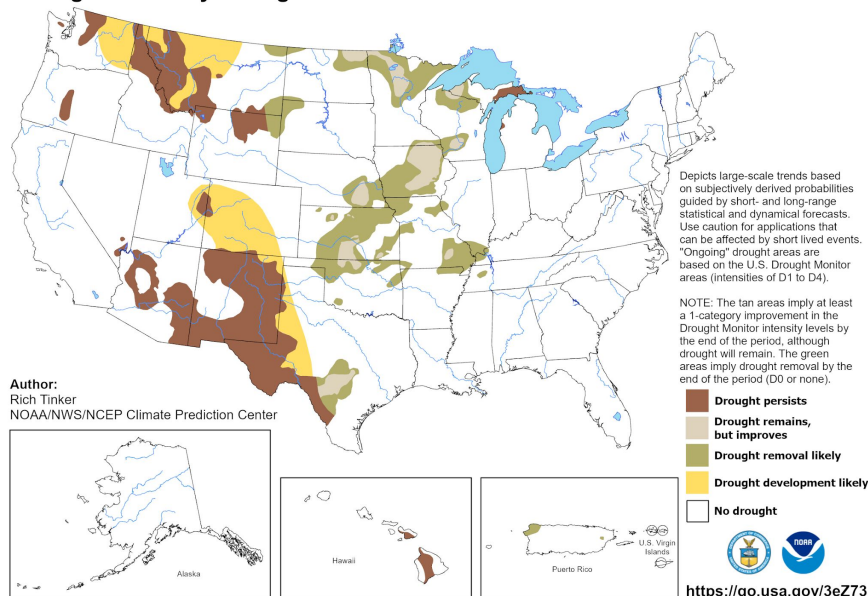
Drought Outlook

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

- Drought is expected to persist across north-central and far northeast Wisconsin into the summer.

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

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



Links to the latest:

[Climate Prediction Center Seasonal Drought Outlook](#)

Image Caption:

Climate Prediction Center Seasonal Drought Outlook Released on March 31, 2024 valid for April 18 to July 31, 2024



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