



Drought Information Statement for Central and Northeast Wisconsin

Valid March 8, 2024

Issued By: WFO Green Bay, WI

Contact Information: nws.greenbay@noaa.gov

- This product will be updated by April 8, 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.



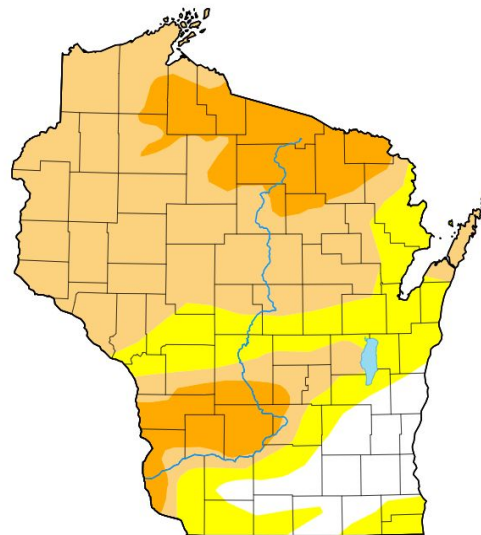


U.S. Drought Monitor

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

Drought Intensity and Extent

- **D2 (Severe Drought):**
 - Continues generally north of a Tomahawk to Antigo to Iron Mountain line.
- **D1 (Moderate Drought) & D0 (Abnormally Dry)**
 - Continues generally south of a Tomahawk to Antigo to Iron Mountain line.



Map released: Thurs. March 7, 2024

Data valid: March 5, 2024 at 7 a.m. EST

Intensity

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

Authors

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Image Caption: U.S. Drought Monitor valid 7 am EST March 7, 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**

- Drought continues to worsen across Vilas County. A second area of worsening drought conditions extended southwest Marathon and northern Wood counties eastward into Menominee, Shawano and northern Waupaca counties.
- No change or some slight worsening of drought conditions prevailed across the remainder of the area.

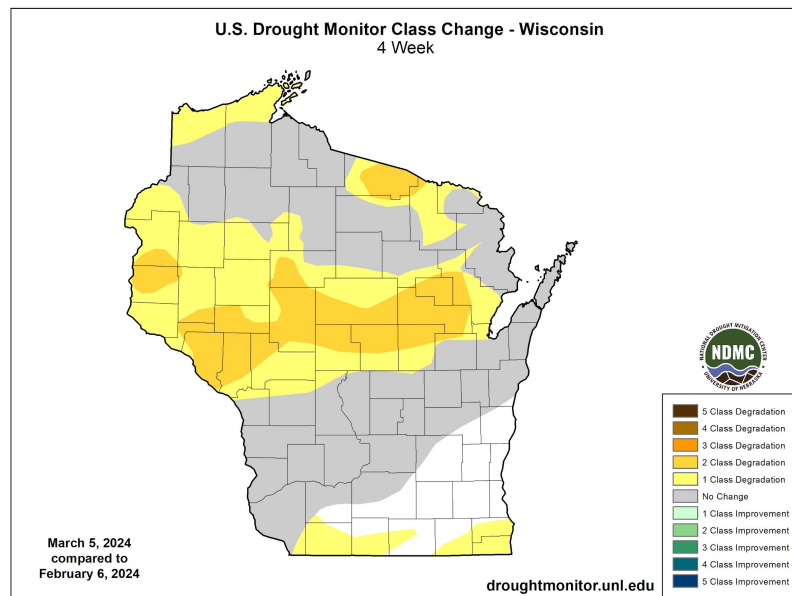


Image Caption: U.S. Drought Monitor 4-week change map valid 7 am EST March 5, 2024.





Precipitation

- Much of north-central and northeast Wisconsin has received less than 70% of the normal precipitation over the last month.
- The driest conditions were noted across Vilas County, and from portions of central Wisconsin northeast into Marinette and Oconto counties.

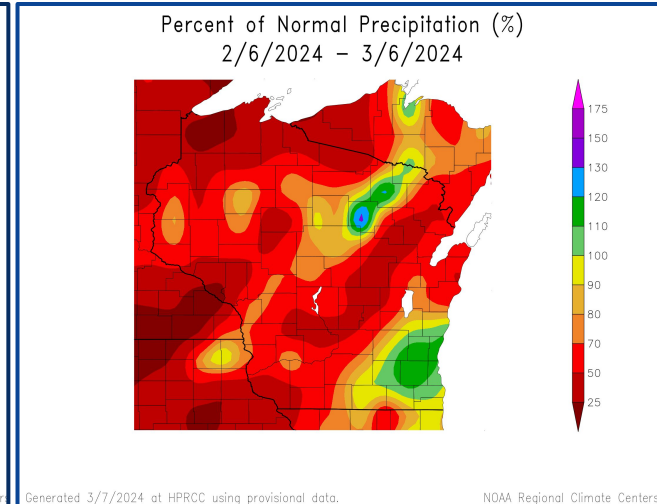
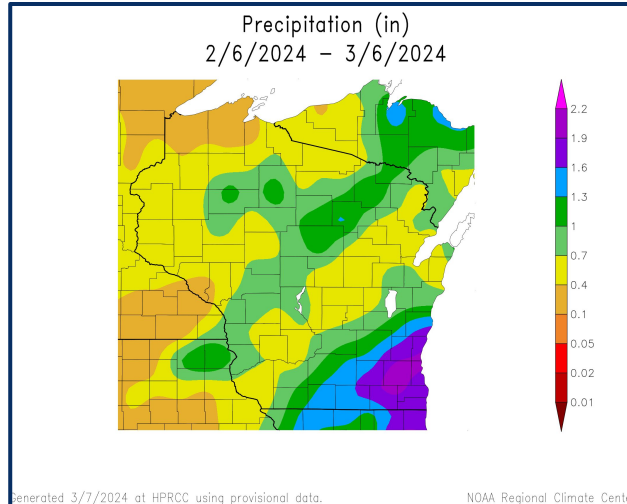


Image Captions:

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 March 6, 2024





Temperature

- The effects of El Nino are still being felt across the region. The winter of 2023-24 went down in the record books as the warmest winter on record. The warmth continued during the first week of March, with average temperatures running 10 to 17 degrees above normal.

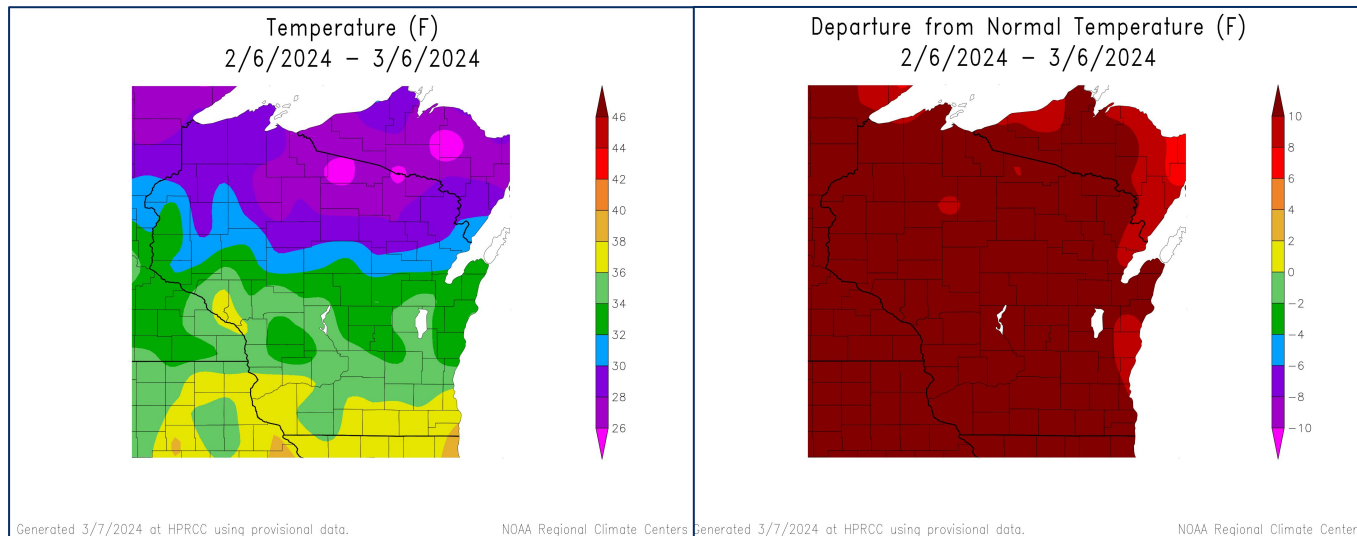


Image Captions:
Left - Average Temperature for Wisconsin
Right - Departure from Normal Temperature for Wisconsin
Data Courtesy High Plains Regional Climate Center.
Data over the past 30 days ending March 6, 2024





Summary of Impacts

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

Hydrologic Impacts

- There is no snow cover on the ground as of March 7. The dry weather will result in a low risk of ice jans across far northern Wisconsin.

Agricultural Impacts

- No agricultural impacts so far this year.

Fire Hazard Impacts

- The fire danger is in the moderate category, however the lack of precipitation could lead to an active spring fire season if we don't get some precipitation soon. Unseasonably mild air on March 12 and March 13 could lead to elevated fire conditions.

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

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





Hydrologic Conditions and Impacts

- Rivers are running well below normal across north-central Wisconsin. River levels elsewhere are running below the normal March spring melt.

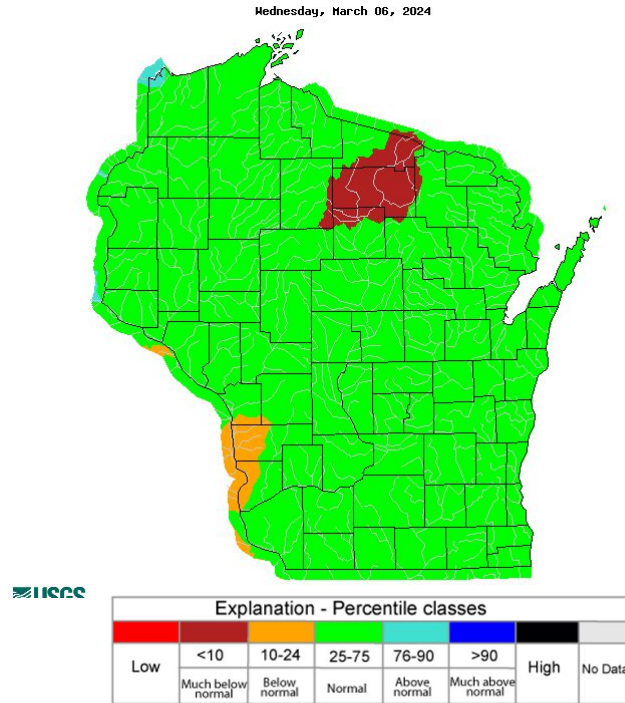


Image Caption: USGS 7 day average streamflow HUC map valid March 6, 2024



Agricultural Impacts

- The calculated soil moisture ranking percentile continues to show drier than normal conditions across much of the area, with the worst conditions along the Upper Michigan border.

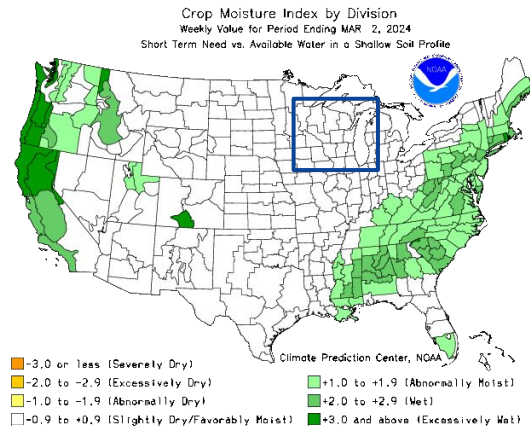
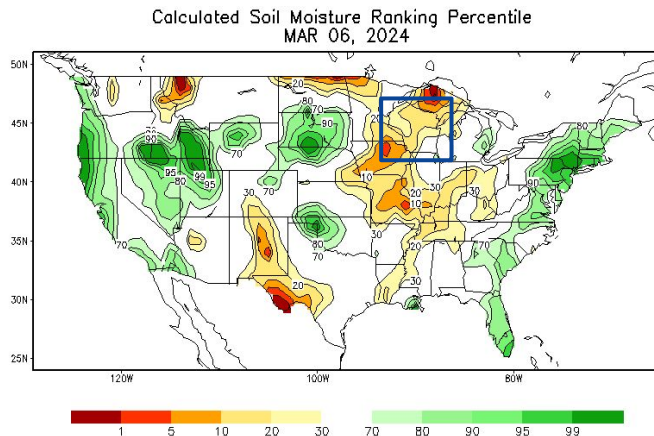


Image Captions:

Left: CPC Calculated [Soil Moisture Ranking Percentile](#) valid March 6, 2024

Right: [Crop Moisture Index by Division](#). Weekly value for period ending March 2, 2024



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Fire Hazard Impacts

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

- The potential for wildfires is expected to remain above normal in March due to the drought conditions and expected above normal temperatures at times throughout the month.
- Usually, March into early April is usually when the snow pack disappears. That has already occurred this winter/spring.

[Wisconsin Fire Danger Map](#)

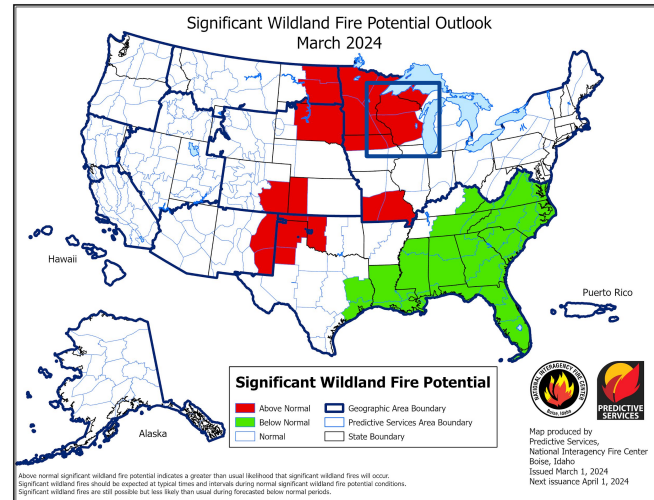


Image Caption: [Significant Wildland Fire Potential Monthly Outlook](#) for March 2024



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Seven Day Precipitation Forecast

- Meager precipitation amounts are expected over northern Wisconsin during the next week.
- The system bringing rain to east-central Wisconsin on March 8th is trending southward, thus precipitation totals may be slightly lower there over the next week.

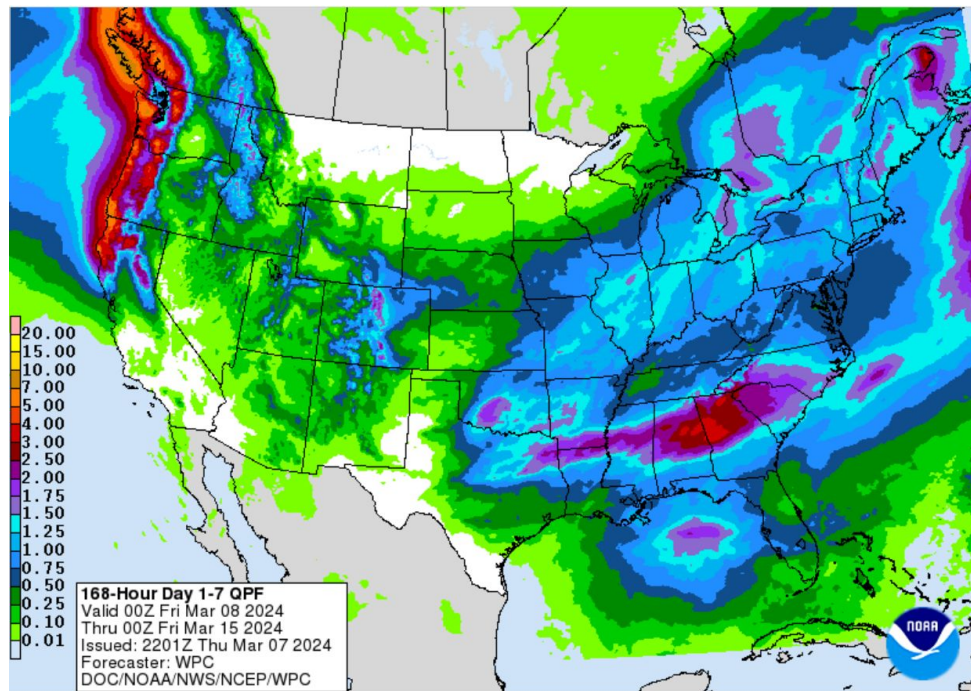


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Friday Mar 8 through Friday Mar 15





Long-Range Outlooks

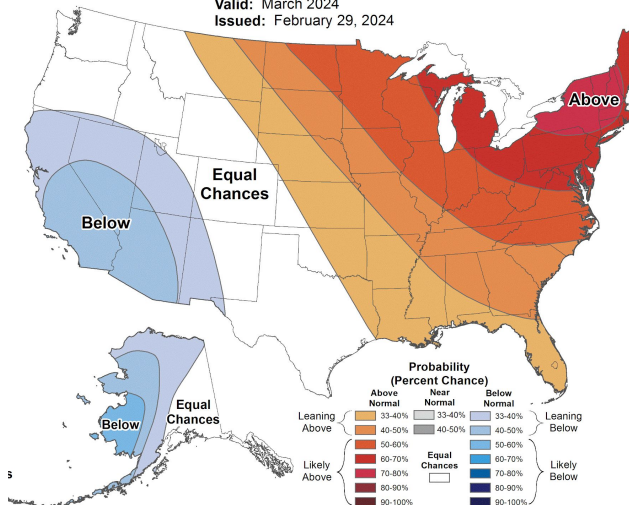
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)

- The climate models are indicating a greater chance for above normal temperatures to continue in March and through the spring (March-May).



Monthly Temperature Outlook

Valid: March 2024
Issued: February 29, 2024



Seasonal Temperature Outlook

Valid: Mar-Apr-May 2024
Issued: February 15, 2024

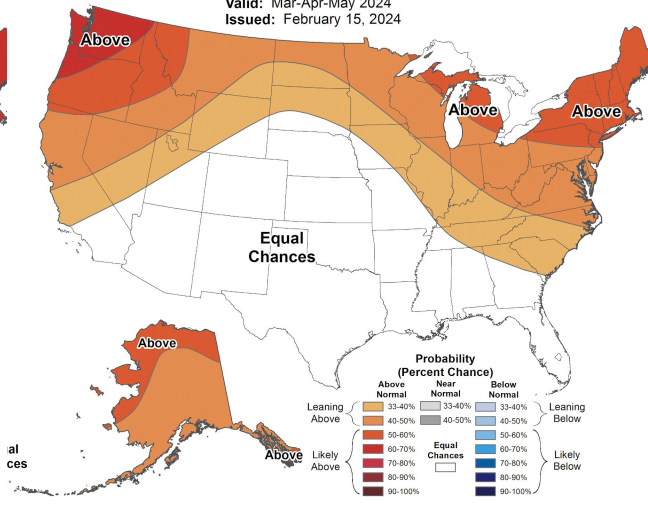


Image Captions:

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

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

Valid MM YYYY



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Long-Range Outlooks

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- The climate models are indicating a greater chance for below normal precipitation in March. The climate models were not favoring any one category for the spring (March-May).

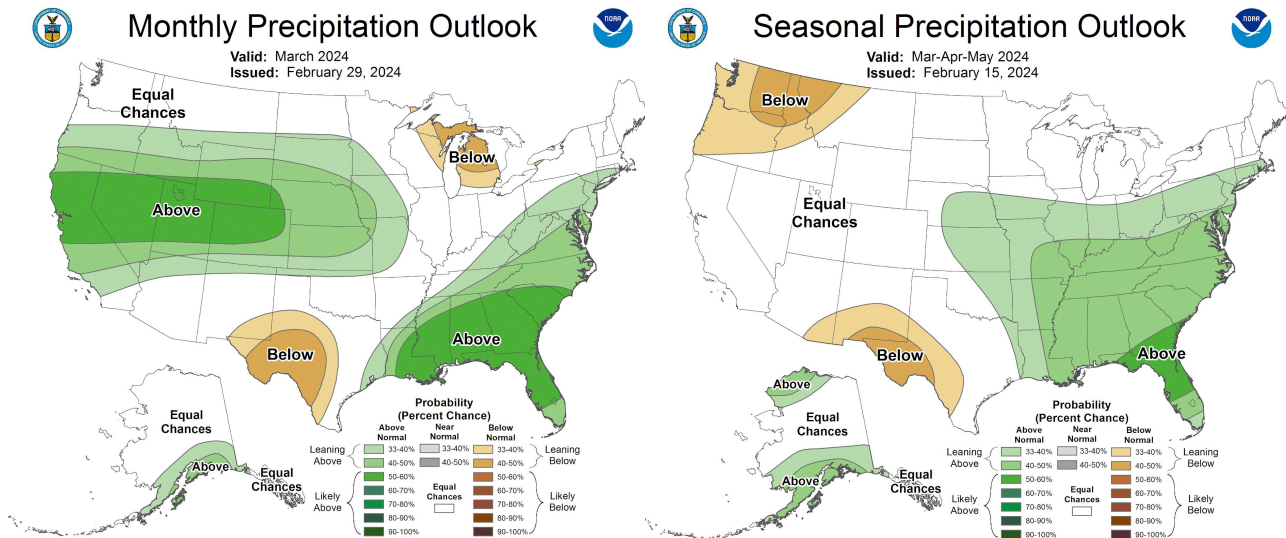


Image Captions:

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

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

Valid MM YYYY



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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 much of the area this spring.

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

Valid for March 1 - May 31, 2024
Released February 29, 2024

Consistency adjustment
based on Monthly
Drought Outlook for
March 2024

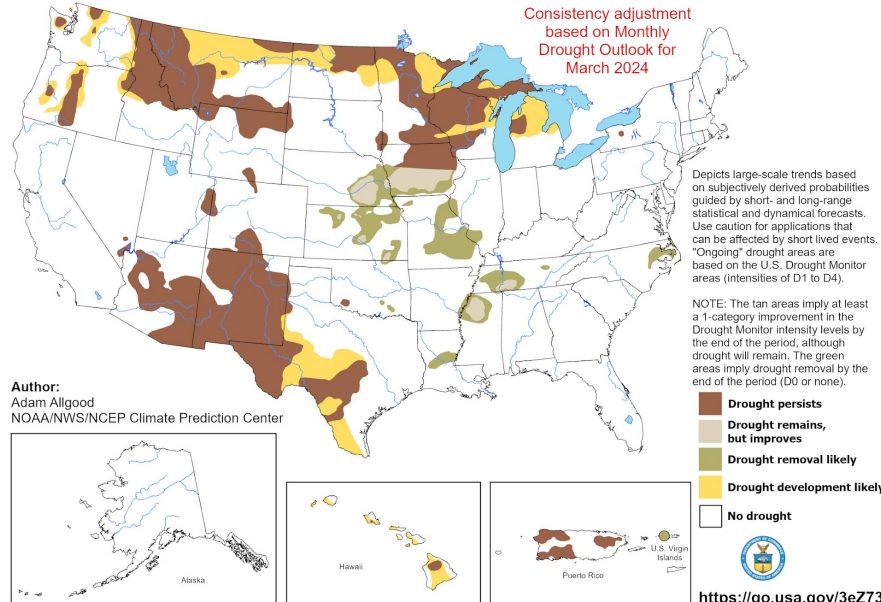


Image Caption:

Climate Prediction Center Seasonal Drought Outlook Released on February 29, 2024 valid for March 1 to May 31, 2024

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)
[Climate Prediction Center Seasonal Drought Outlook](#)



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