



Drought Information Statement for Southern Wisconsin

Valid 12/19/24

Issued By: NWS Milwaukee

Contact Information: nws.milwaukee@noaa.gov

- This product will be updated 2/20/25 or sooner if conditions deteriorate substantially.
- Please see all currently available products at <https://drought.gov/drought-information-statements>
- Please visit <https://www.weather.gov/mkx/DroughtInformationStatement> for previous statements.



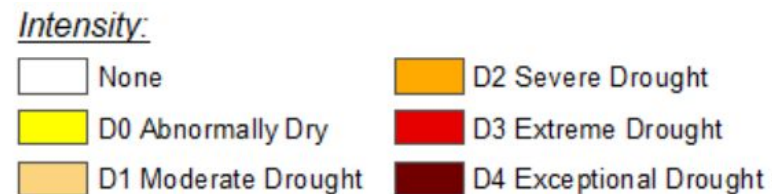
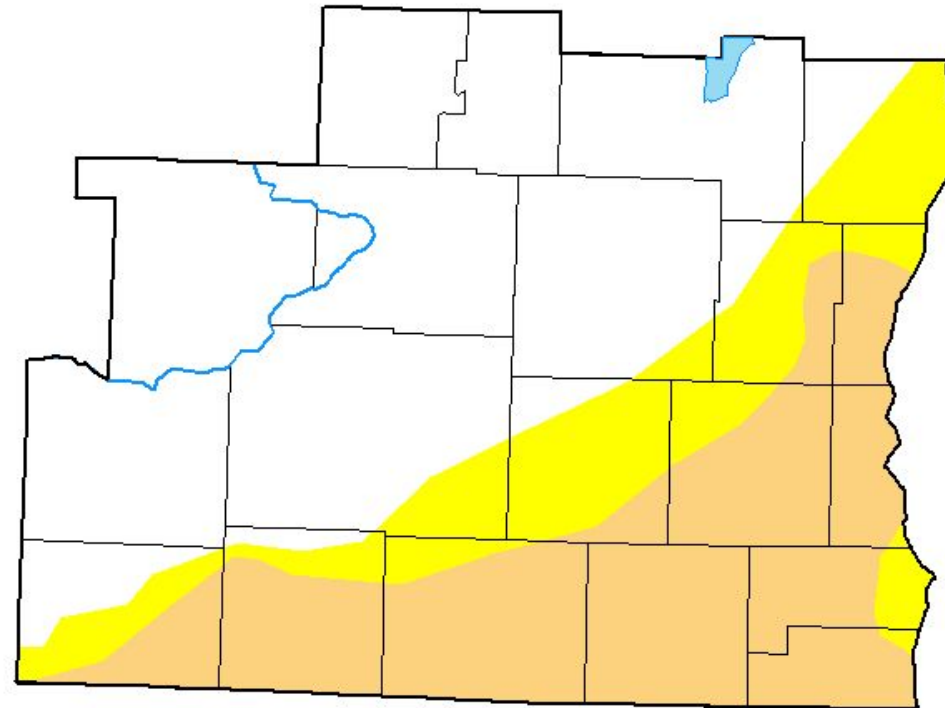


Wisconsin Drought Update

December 19, 2024
10:00 AM

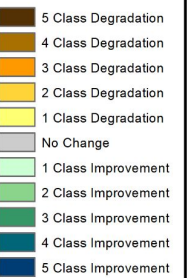
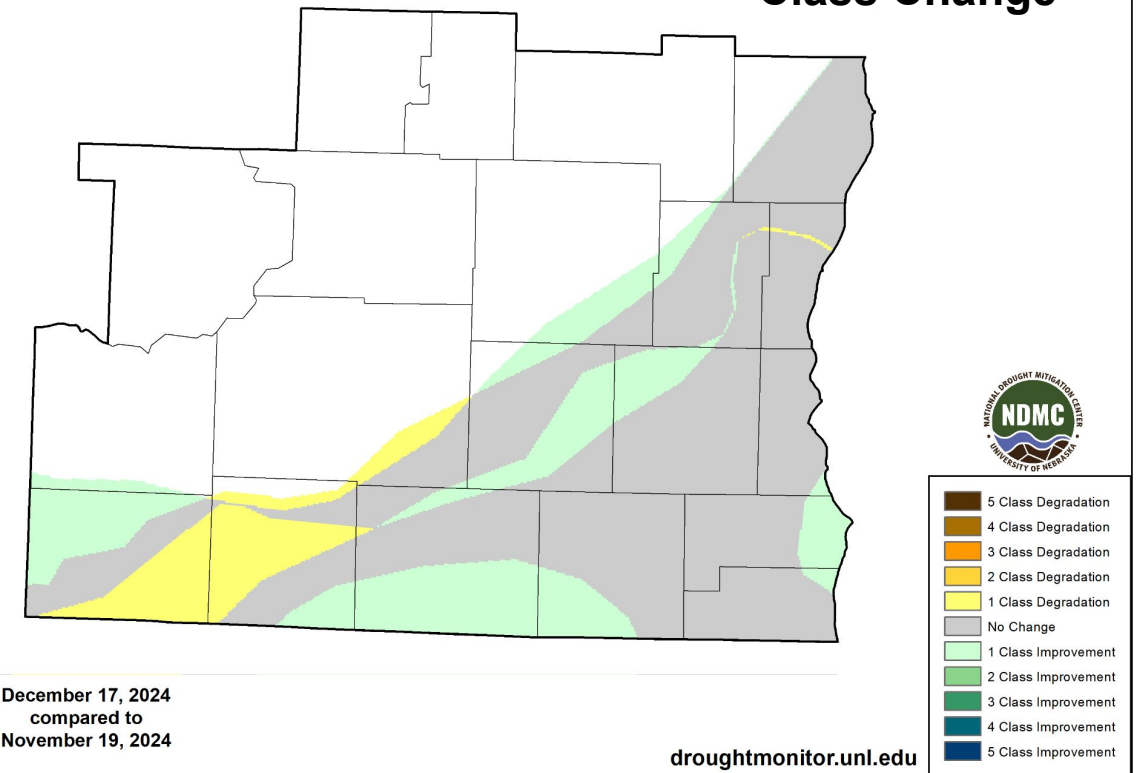
- Moderate drought across southeast Lafayette, Green, Rock Walworth, southern Waukesha, southeast Washington, southern Ozaukee, Milwaukee, western Racine and Kenosha counties
- Over the past 4 weeks severe drought improved one category in southern Rock County and drought deteriorated one category in southeast Lafayette county.

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



December 17, 2024
(Released Thursday, Dec. 19, 2024)
Valid 7 a.m. EST

4 Week Drought Condition Class Change



droughtmonitor.unl.edu



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Milwaukee, WI

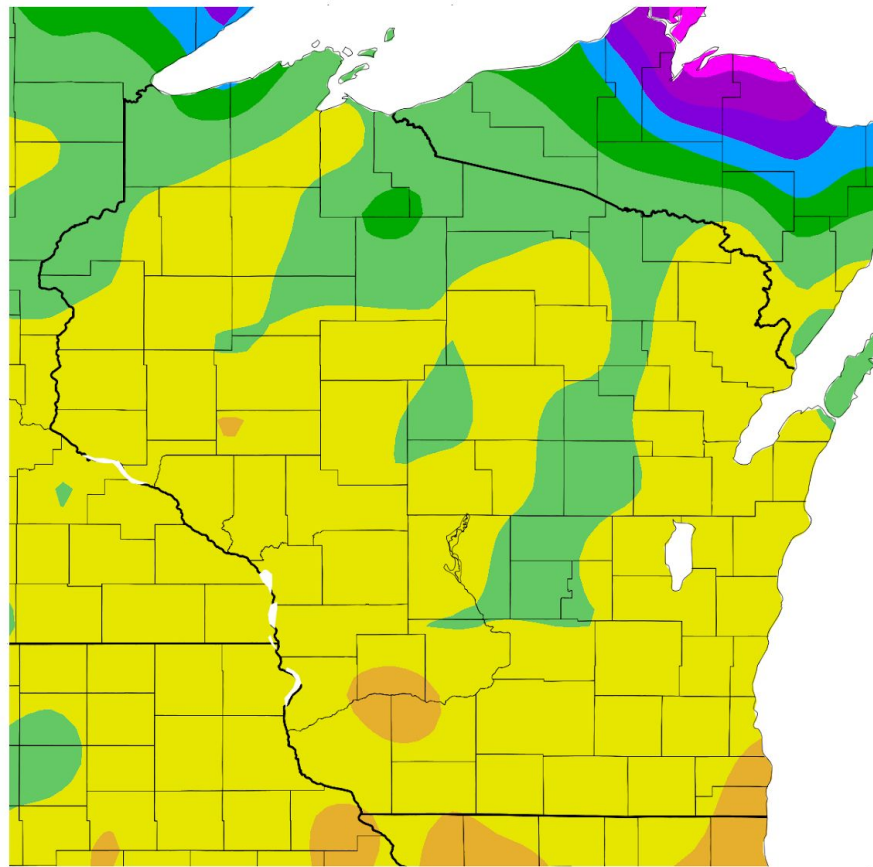


Precipitation

December 19, 2024
10:00 AM

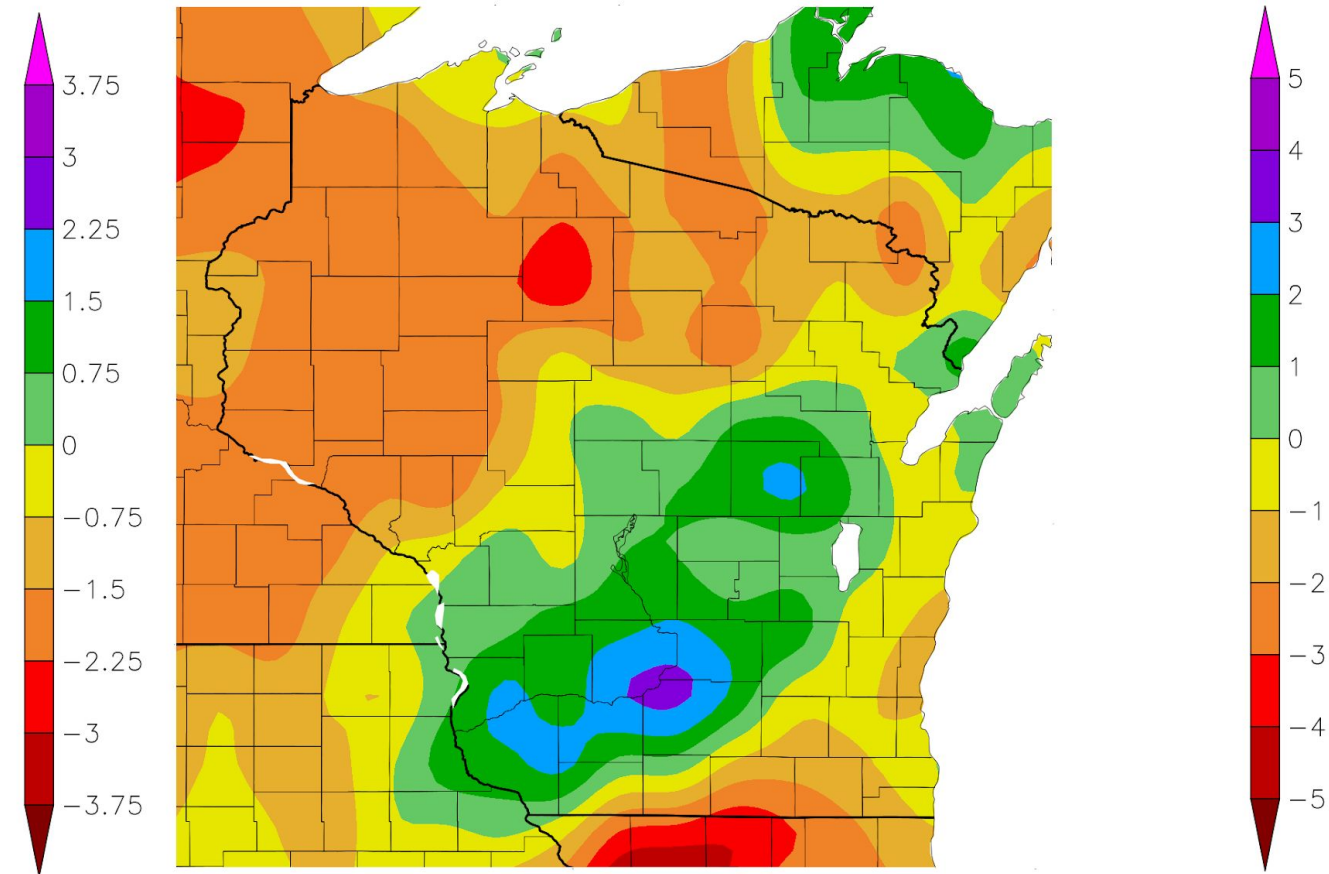
- Over the past 4 weeks precipitation was within one inch of average across southern Wisconsin
- Over the past 3 months, precipitation was 1 to 3 inches below average across far southern Wisconsin in the moderate drought area

Departure from Normal Precipitation (in)
11/19/2024 – 12/18/2024



Generated 12/19/2024 at HPRCC using provisional data.

Departure from Normal Precipitation (in)
9/20/2024 – 12/18/2024



NOAA Regional Climate C/2024 at HPRCC using provisional data.

NOAA Regional Climat





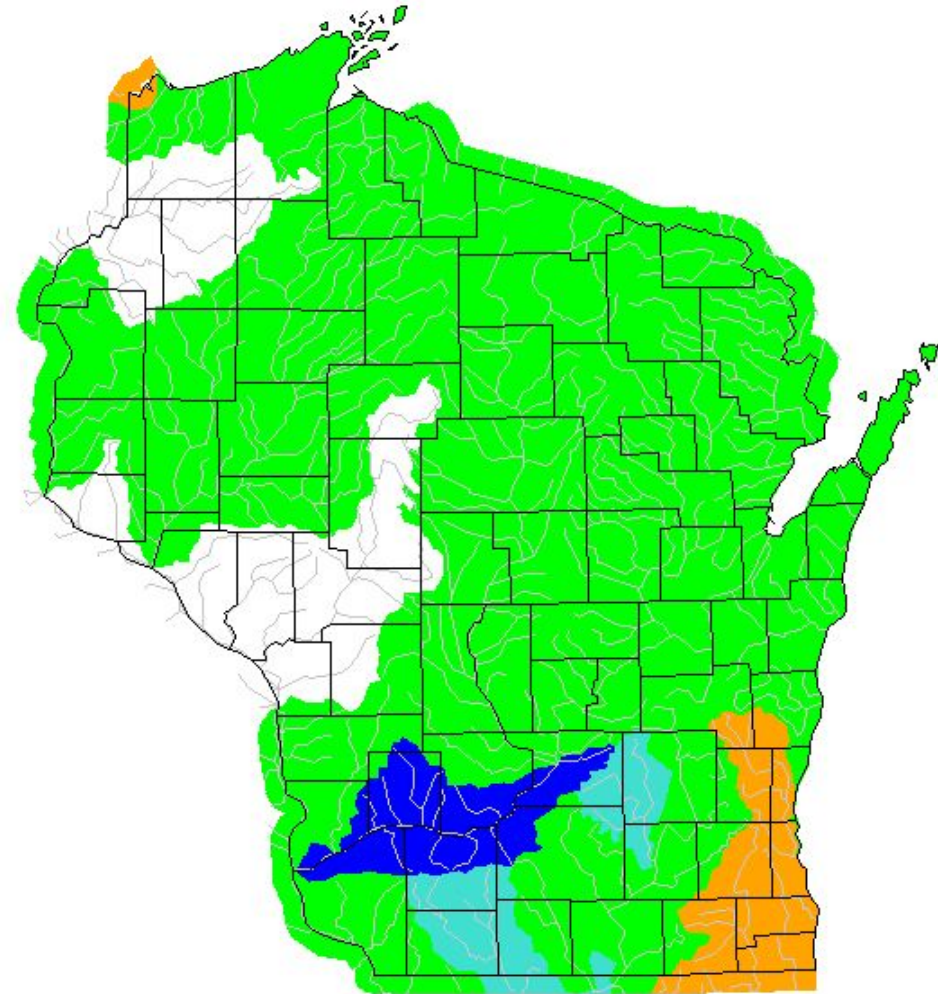
Current Conditions

December 19, 2024
10:00 AM

- 14 day streamflow is in the 10-24th percentile in southeast Wisconsin and the 25-90th percentile across south-central Wisconsin.
- The lower Wisconsin River is partially iced over causing elevated water levels. Water levels may fluctuate due to changing ice conditions.
- Soil moisture is below the 30th percentile across the drought areas.

14 Day Streamflow

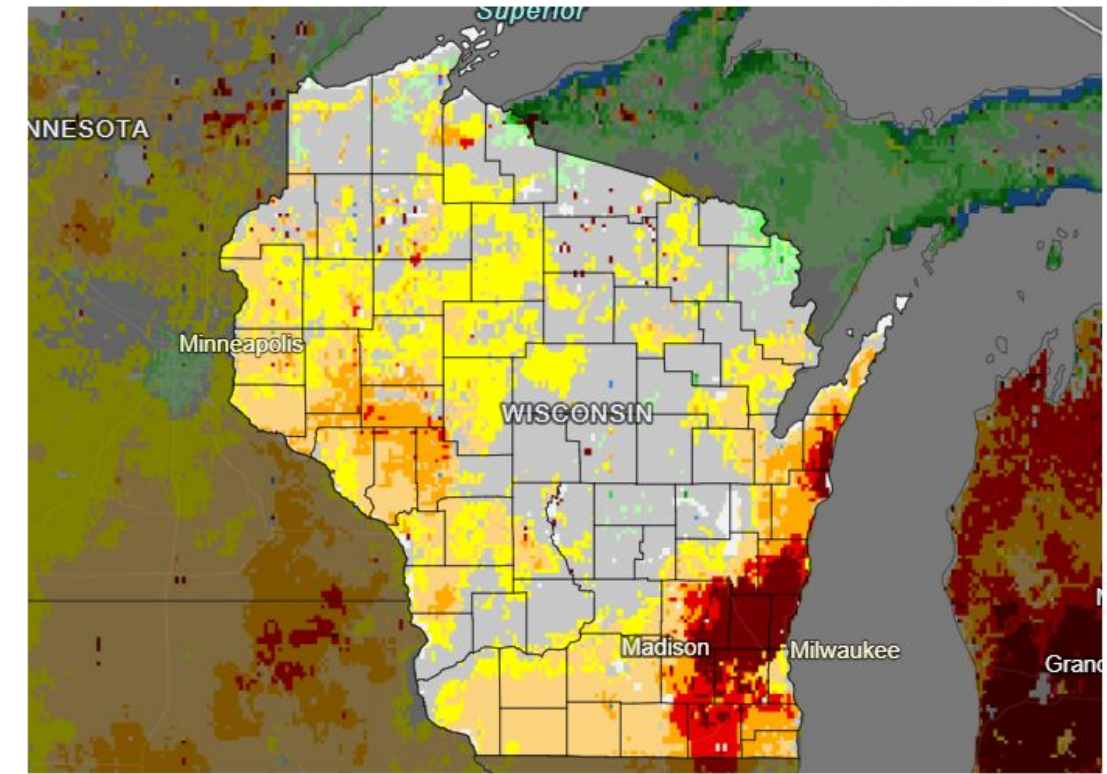
Wednesday, December 18, 2024



Explanation - Percentile classes

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

NASA SPoRT-LIS 0-100 cm Soil Moisture Percentile



0-100 cm Soil Moisture Percentile



Source(s): NASA
Data Valid: 12/19/24

Drought.gov

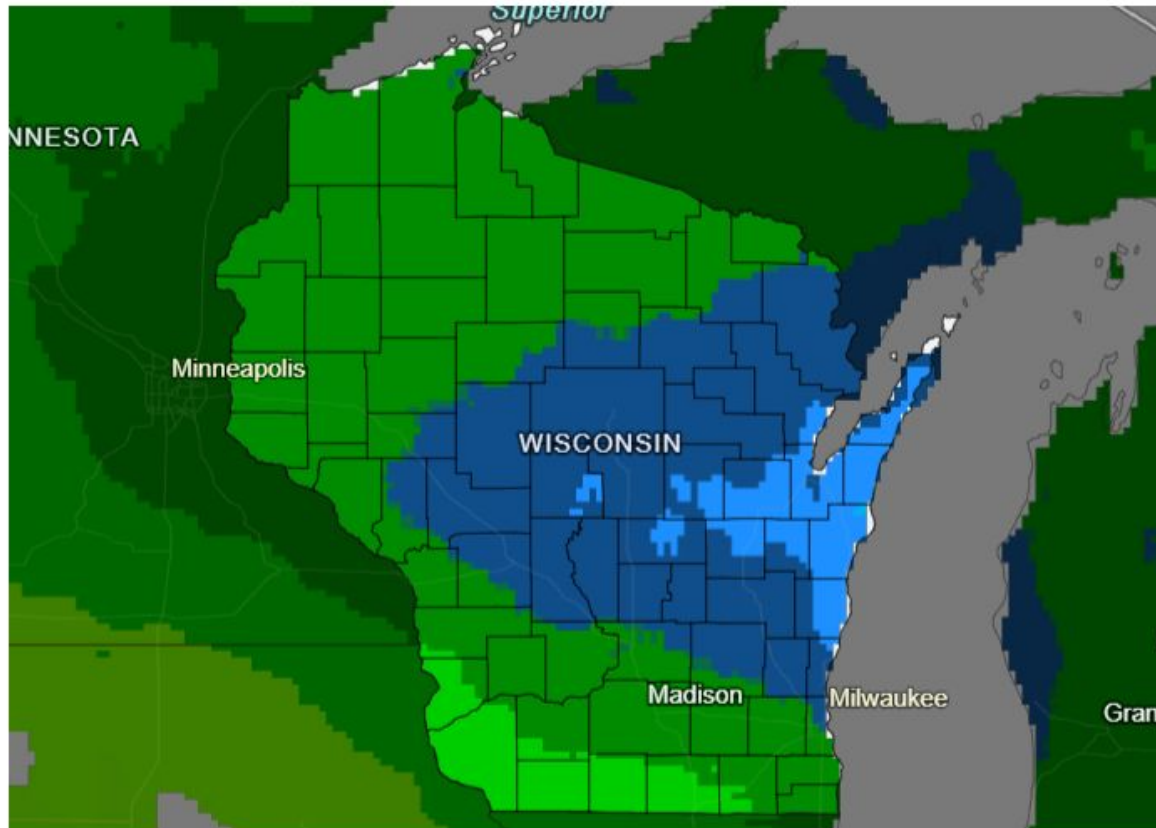




7 Day Precipitation Forecast

December 19, 2024
10:00 AM

7-Day Quantitative Precipitation Forecast for
December 19-26, 2024



Predicted Inches of Precipitation

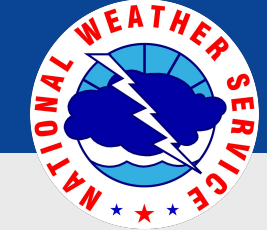


Source(s): National Weather Service Weather Prediction Center
Last Updated: 12/19/24

Drought.gov

- 0.5 to 1 inch of precipitation is expected across central and eastern Wisconsin, through Friday.
- It will be all snow.
- Little additional precipitation is expected for the remainder of the next 7 days





Week 2 Outlook

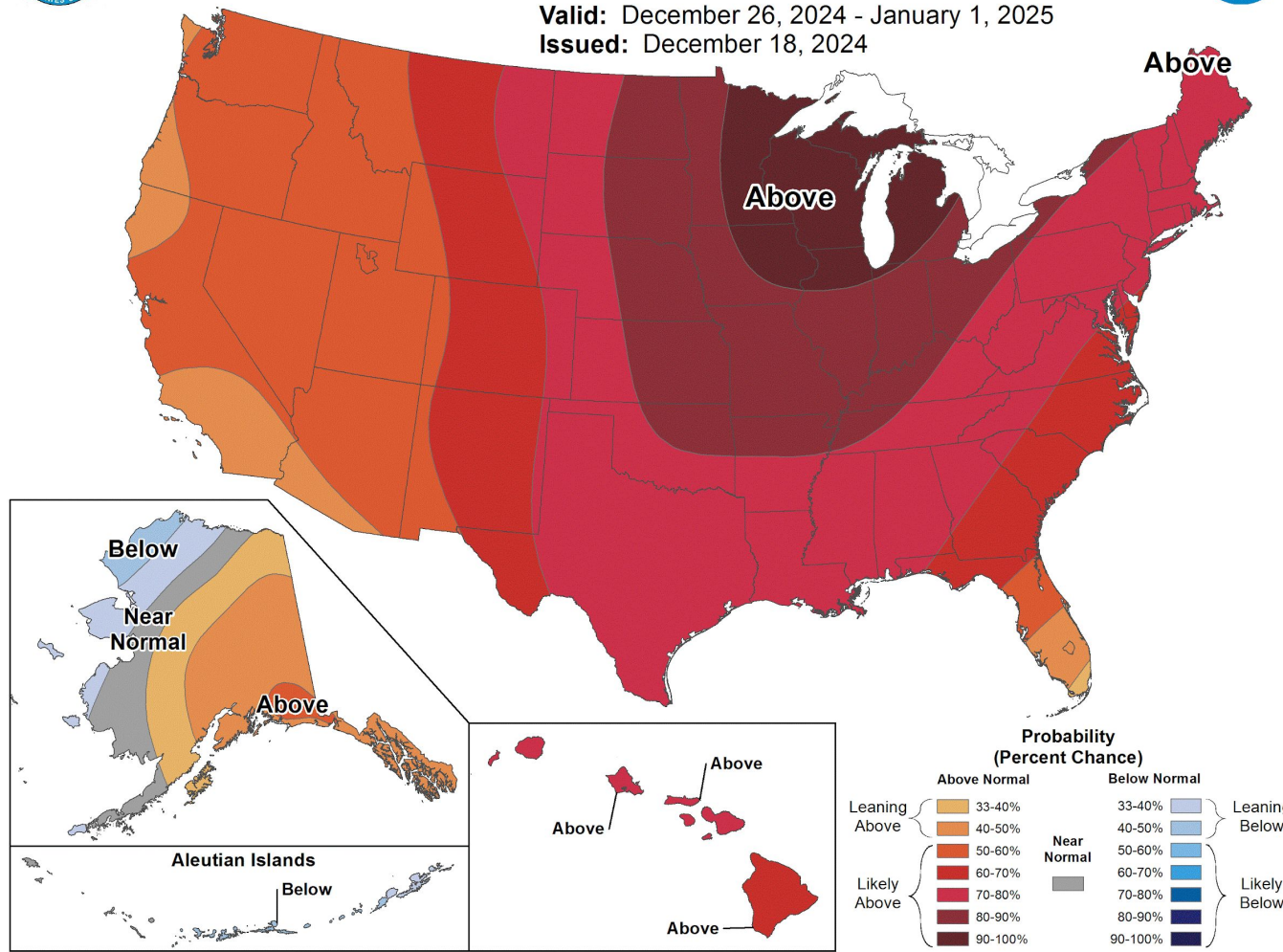
December 19, 2024
10:00 AM



8-14 Day Temperature Outlook



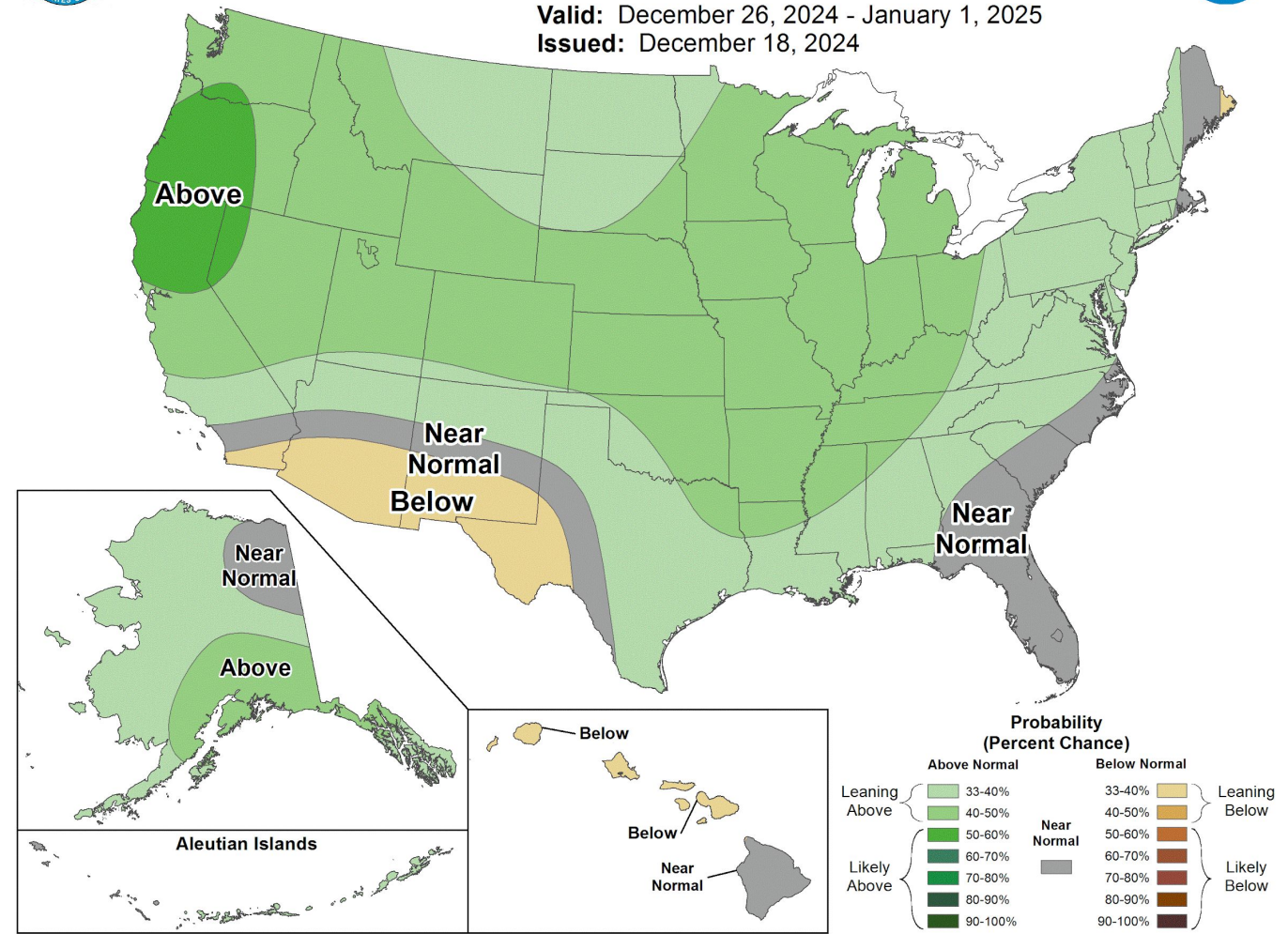
Valid: December 26, 2024 - January 1, 2025
Issued: December 18, 2024



8-14 Day Precipitation Outlook

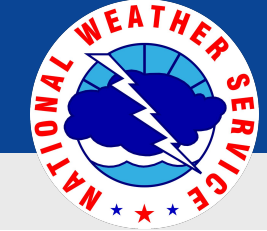


Valid: December 26, 2024 - January 1, 2025
Issued: December 18, 2024



- There are increased odds (90%) for above average temperature during Dec 26 to Jan 1.
- There are increased odds (40%) for above average precipitation from Dec 26 to Jan 1.





Extended Outlook

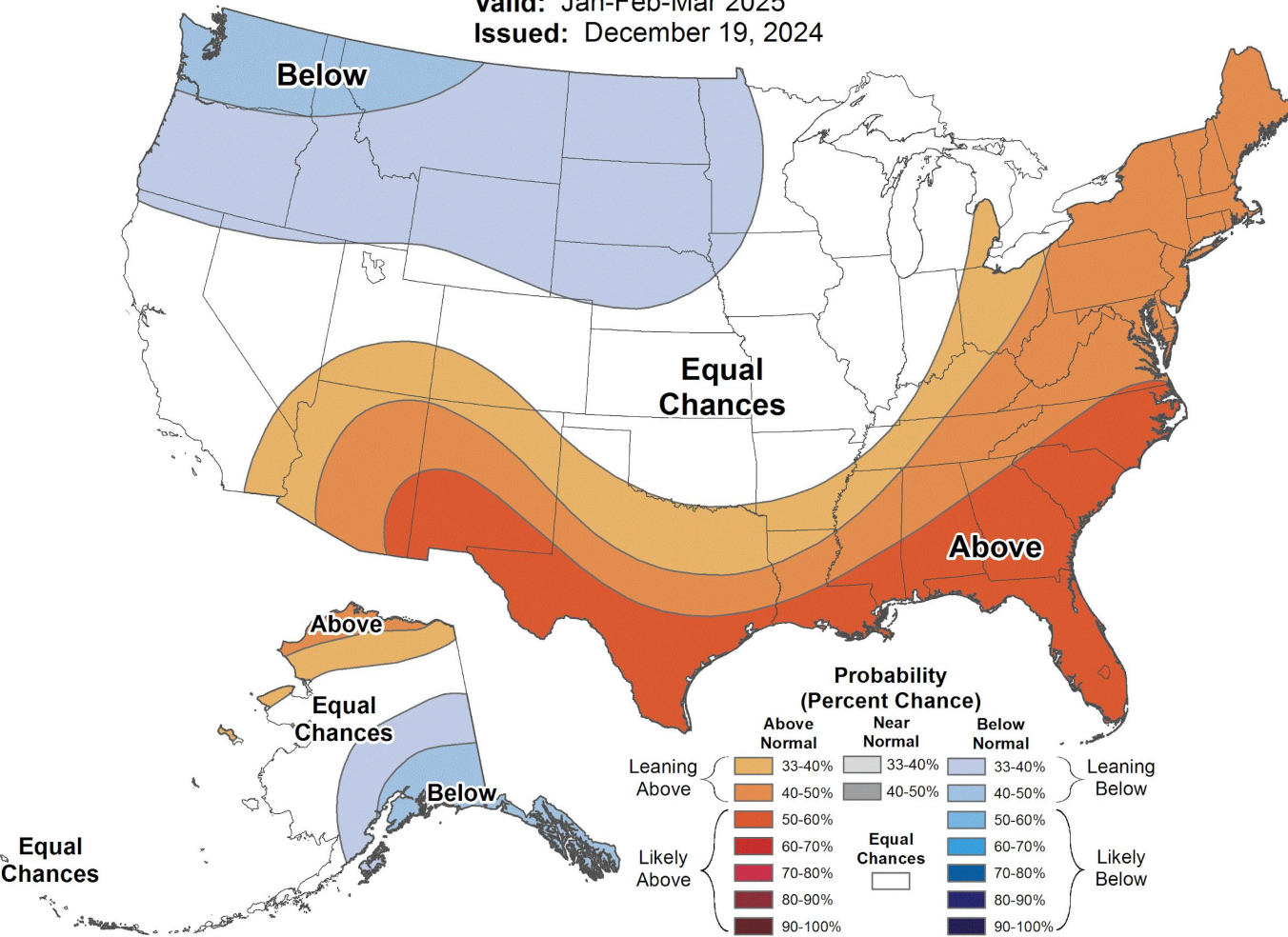
December 19, 2024
10:00 AM



Seasonal Temperature Outlook



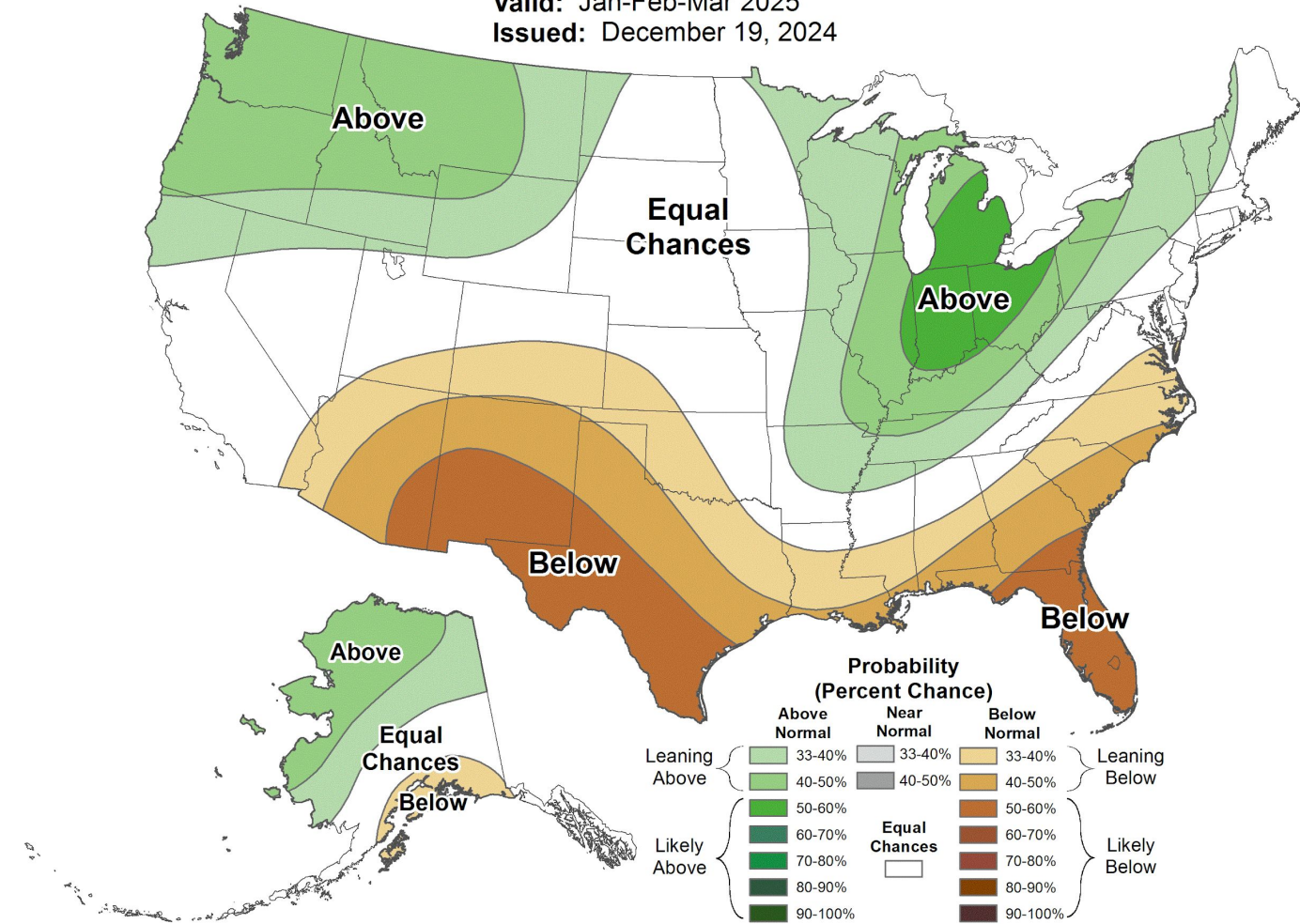
Valid: Jan-Feb-Mar 2025
Issued: December 19, 2024



Seasonal Precipitation Outlook

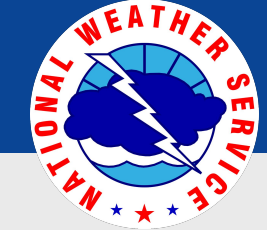


Valid: Jan-Feb-Mar 2025
Issued: December 19, 2024



- There are equal chances of below, near and above average temperatures during Jan - March 2025.
- There are increased chances (33-40%) of above average precipitation from Jan - March 2025.





Drought Outlook

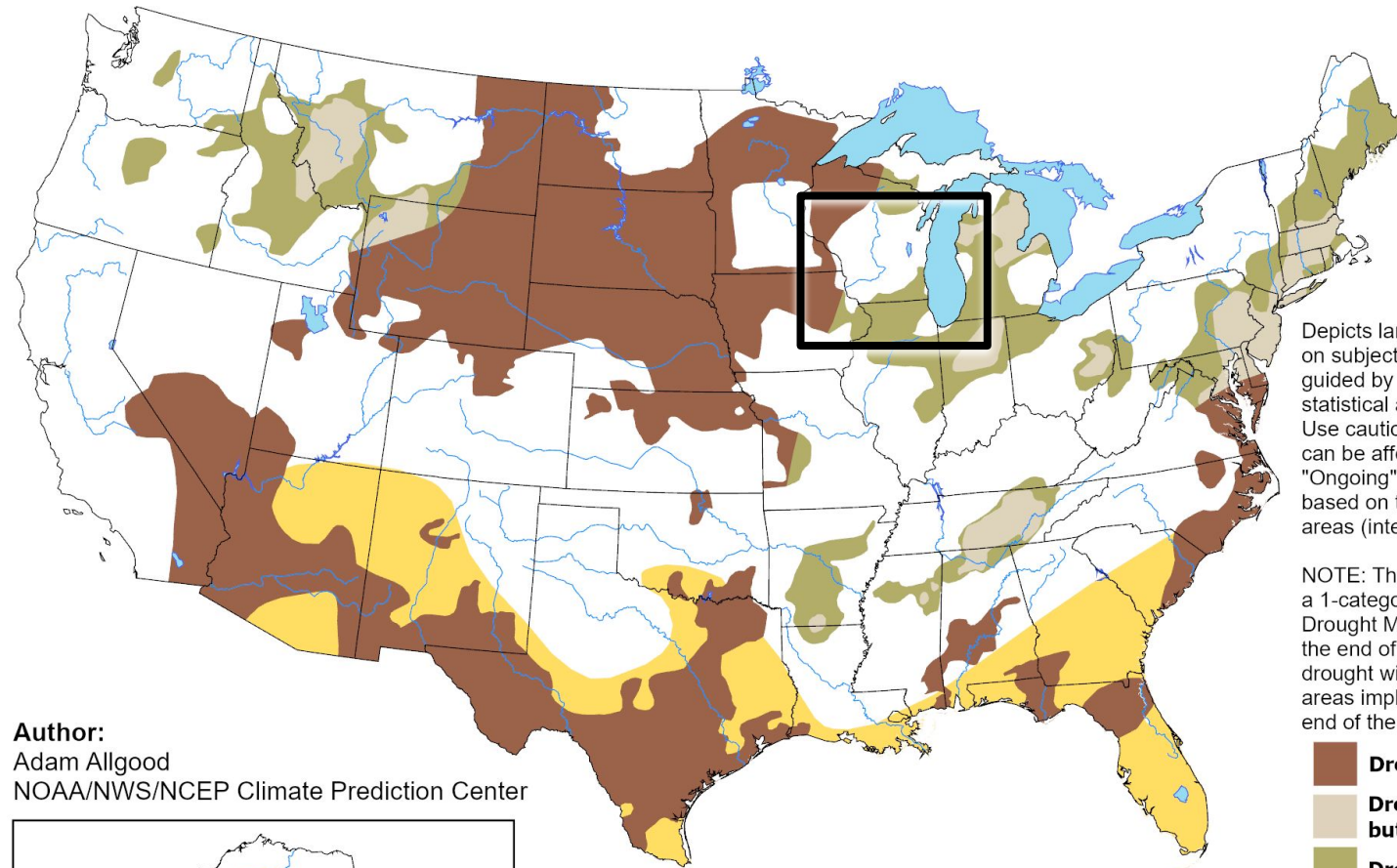
December 19, 2024
10:00 AM

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

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

Valid for December 19, 2024 - March 31, 2025
Released December 19, 2024

- With the wet signal in the extended outlook, drought removal is likely from Dec 19, 2024 to March 31, 2025.

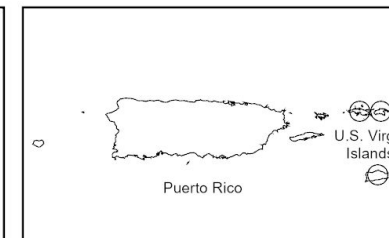
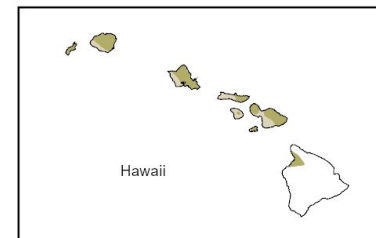
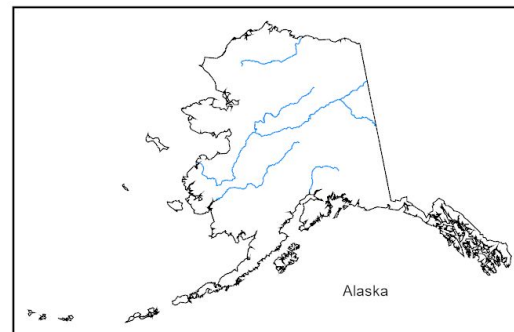


Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to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

Author:
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NOAA/NWS/NCEP Climate Prediction Center



<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