



Drought Information Statement for NE Minnesota & NW Wisconsin

Valid December 21, 2024

Issued By: NWS Duluth, MN

Contact Information:

- Next Update: Friday, January 17, 2025
 - Please see all currently available products at <https://drought.gov/drought-information-statements>.
 - Please visit <https://www.weather.gov/DLH/DroughtInformationStatement> for previous statements.
 - Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.
-
- Severe Drought conditions have improved marginally in northern Minnesota.



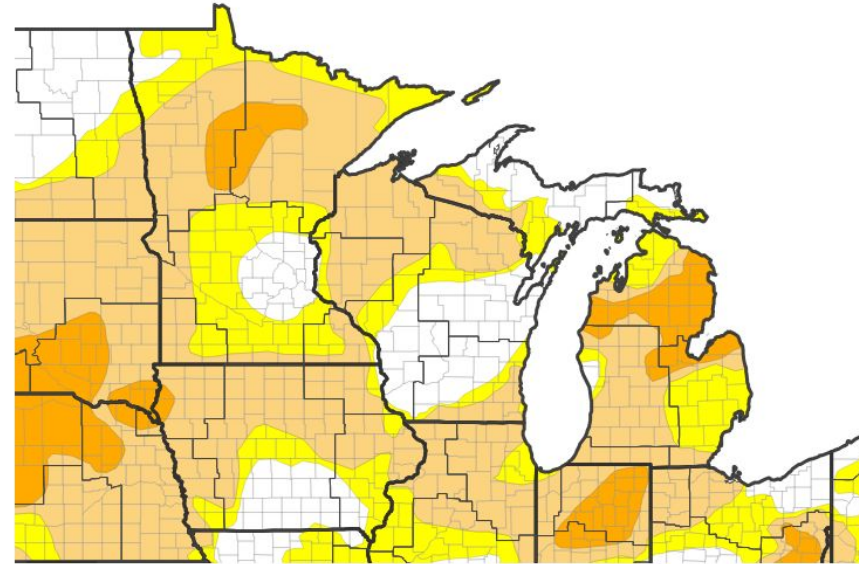


U.S. Drought Monitor

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

- Drought intensity and Extent
 - **D2 (Severe Drought)**: Western Iron Range and Leech Lake area.
 - **D1 (Moderate Drought)**: Nearly all of the rest of the Northland.
 - **D0: (Abnormally Dry)**: Along the International Border, in the St. Croix River Valley, and Cook County.

U.S. Drought Monitor



U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 12/17/24



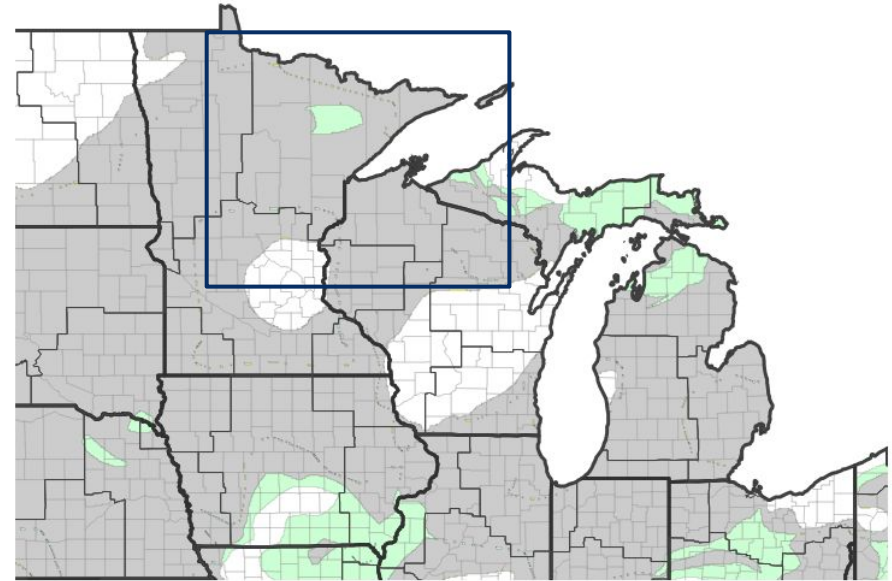


Recent Change in Drought Intensity

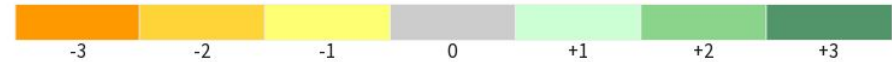
Link to the latest [4-week change map](#) for NE Minnesota and NW Wisconsin

- One Week Drought Monitor Class Change.
 - Drought Worsened: Not Applicable.
 - No Change: Much of the Northland that didn't see drought improve.
 - Drought Improved: Parts of the Iron Range.

U.S. Drought Monitor 1-Week Change Map



Drought Change Since Last Week



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 12/17/24



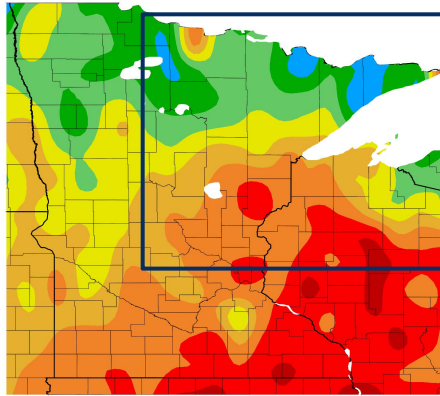


Precipitation

Precipitation (sum of liquid and melted frozen) that was observed in the Northland over the last month

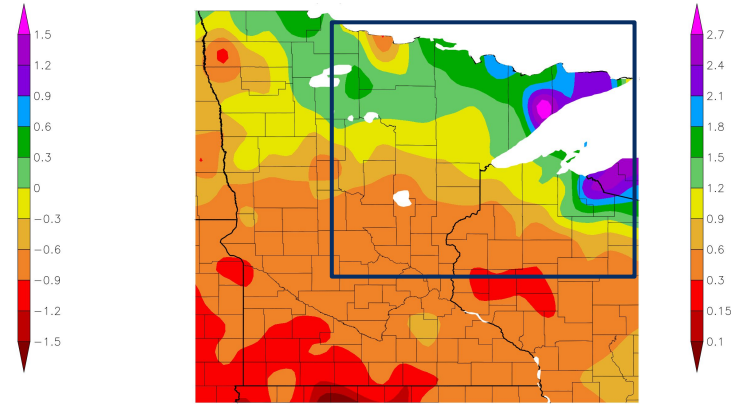
- Regional precipitation in the past month ranges from slightly-below normal to above normal.
 - Areas along the North Shore and along and North of the Iron Range have seen the most above normal precipitation.
 - Areas along and south of Highway 2 are at to below normal precipitation.

Departure from Normal Precipitation (in)
11/21/2024 - 12/20/2024



Generated 12/21/2024 at HPRCC using provisional data.

Precipitation (in)
11/21/2024 - 12/20/2024



NOAA Regional Climate Centers Generated 12/21/2024 at HPRCC using provisional data.

NOAA Regional Climate Center



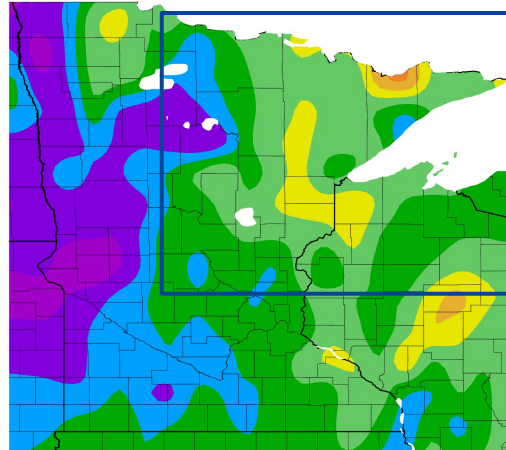


Temperature

Temperatures that were observed in the Northland over the last month

- Temperatures have been around normal over the last month.

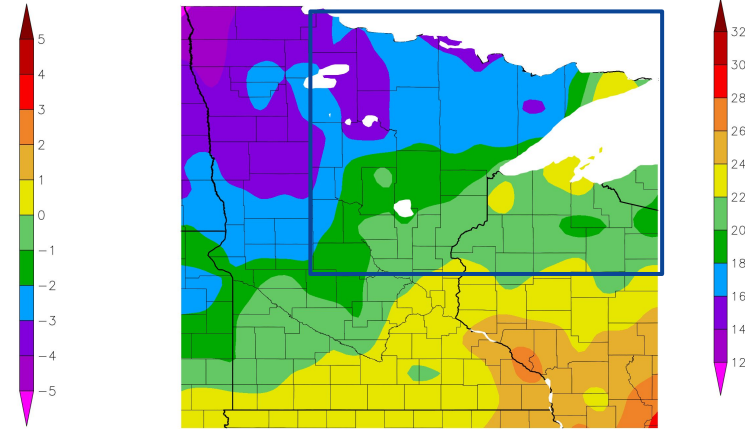
Departure from Normal Temperature (F)
11/21/2024 – 12/20/2024



Generated 12/21/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

Temperature (F)
11/21/2024 – 12/20/2024



rated 12/21/2024 at HPRCC using provisional data.

NOAA Regional Climate Ce





Summary of Impacts

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

Hydrologic Impacts

- Streamflows are running below to near normal for northeast Minnesota. Northwest Wisconsin streamflows are normal to above-normal ([USGS Streamflow](#)). With ice cover coming in, many gauges are affected by ice this time of year.

Agricultural Impacts

- Pockets of well-below normal soil moisture in northeast Minnesota, but the vast majority of the region is only below normal to normal soil moisture ([Soil Moisture](#))

Fire Hazard Impacts

- Fire danger is Low for north-central and northeast Minnesota ([MN Fire Danger](#)). Fire danger is also Low for northwest Wisconsin ([WI Fire Danger](#)).

Other Impacts

- Unknown at this time.

Mitigation Actions

- Burn Restrictions - No burn restrictions.





Hydrologic Conditions and Impacts

- **Northeast Minnesota -**
Streams are running much-below to below normal in much of northeast Minnesota, but a few flowing at normal rates.
- **Northwest Wisconsin -**
Streams are running around normal in northwest Wisconsin

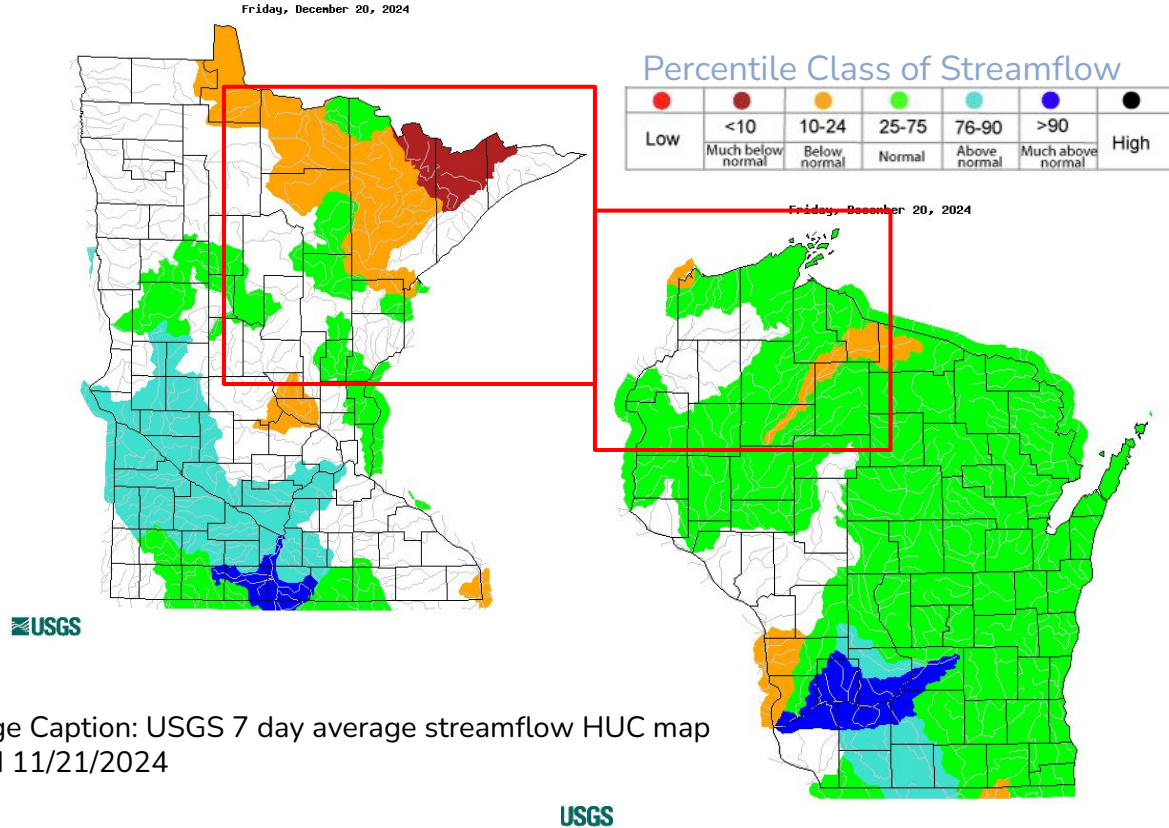


Image Caption: USGS 7 day average streamflow HUC map valid 11/21/2024

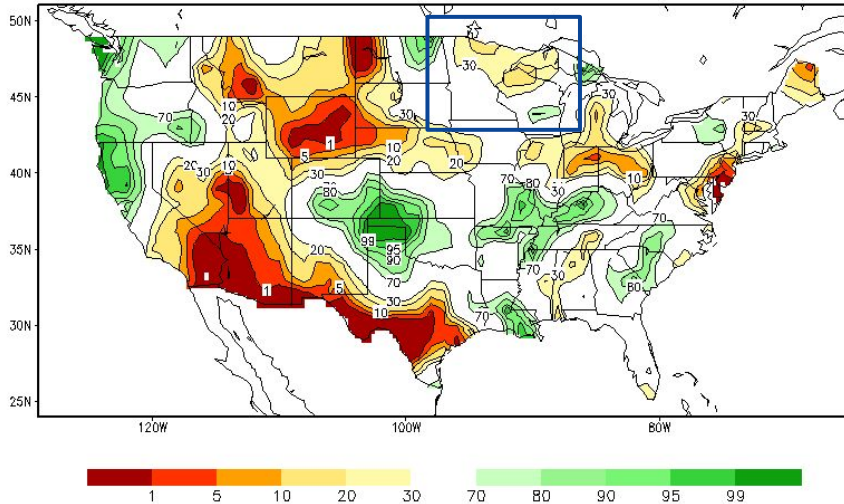




Agricultural Impacts

- Pockets of well-below normal soil moisture in northeast Minnesota, but the vast majority of the region is only below to normal soil moisture

Calculated Soil Moisture Ranking Percentile
DEC 20, 2024

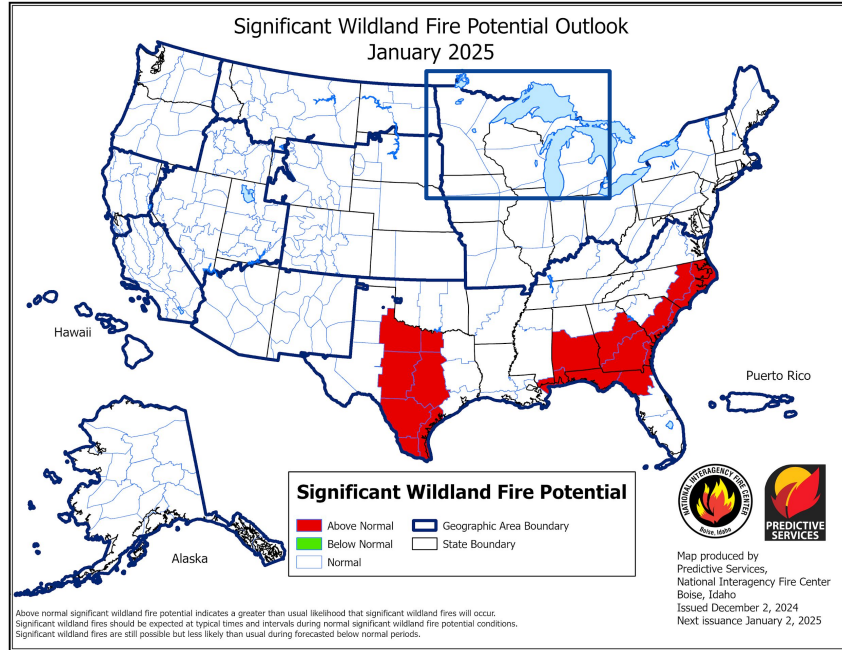




Fire Hazard Impacts

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

- **Significant Wildland Fire Potential** conditions are normal for January.



Latest MN burn ban and fire danger information available [here](#).

Latest WI burn ban and fire danger information available [here](#).





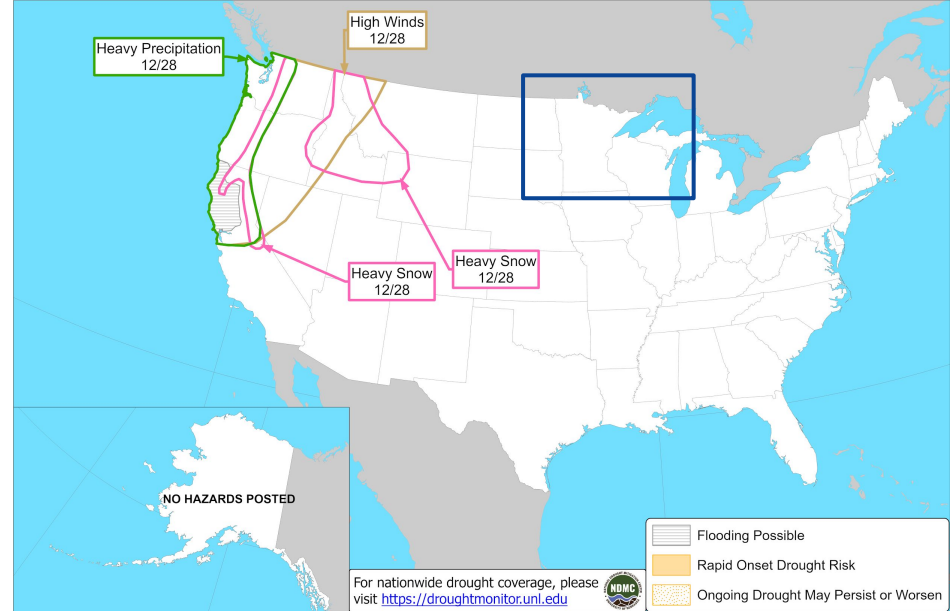
Rapid Onset Drought Outlook

Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- No rapid onset drought expected.



Days 8-14 U.S. Hazards Outlook
Valid: December 28, 2024 - January 3, 2025



Climate Prediction Center

Released: December 20, 2024 3:00 PM EST

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National Oceanic and Atmospheric Administration

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Duluth, MN

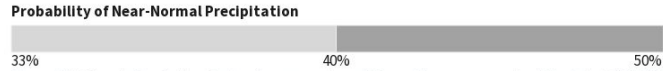
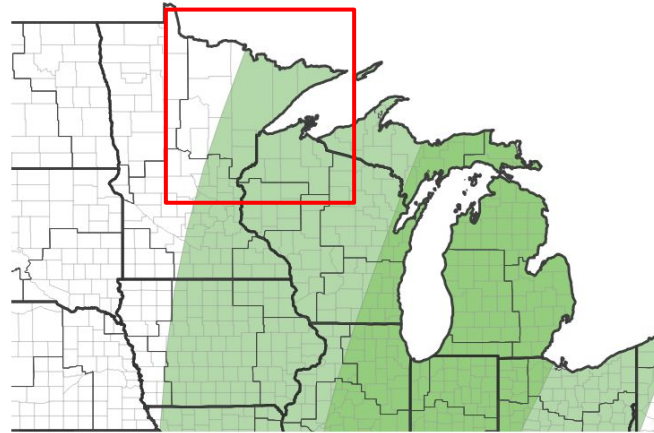


Long-Range Outlooks

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

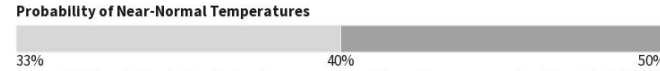
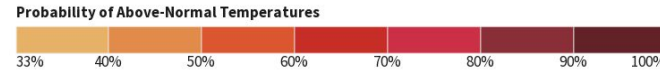
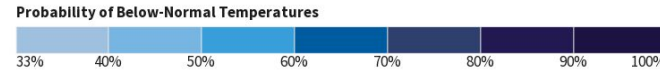
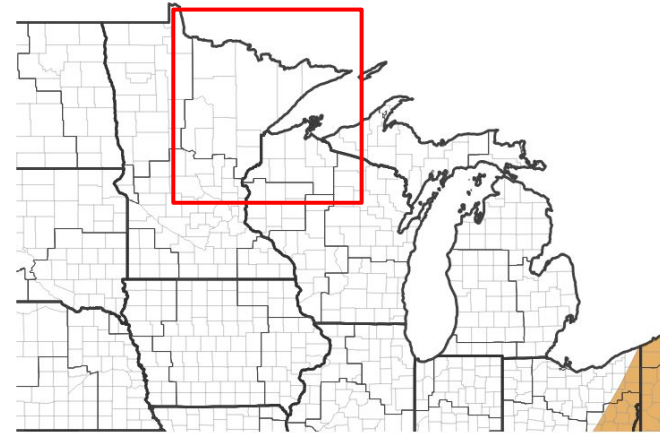
- Longer-term forecasts show no significant signals for either above normal or below normal temperatures for the month of January.
- Longer-term forecasts show a slight chance for above normal precipitation for the month of January.

Monthly Precipitation Outlook for January 1, 2025–January 31, 2025



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 12/19/24

Monthly Temperature Outlook for January 1, 2025–January 31, 2025



Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 12/19/24



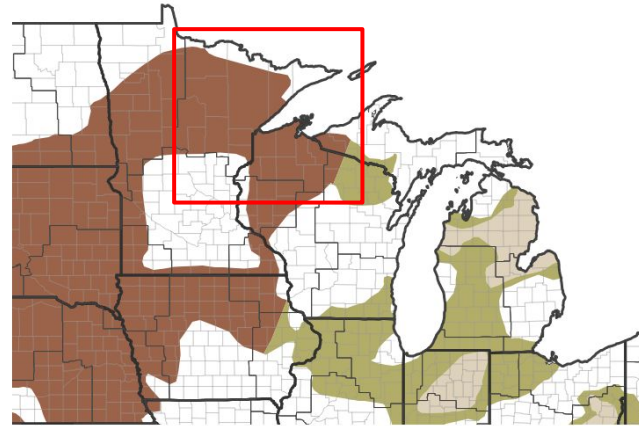


Drought Outlook

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

- Drought is expected to persist across much of the Northland.

Seasonal (3-Month) Drought Outlook for December 19, 2024–March 31, 2025



Drought Is Predicted To...



Source(s): Climate Prediction Center; image courtesy of Drought.gov

Last Updated: 12/19/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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