



Drought Information Statement for NE Minnesota & NW Wisconsin

Valid May 30, 2024

Issued By: NWS Duluth, MN

Contact Information:

- No further updates are scheduled until drought conditions worsen again.
 - 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.
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- Drought conditions have improved over the past few weeks due to above average rainfall and are expected to continue to see improvement over the next month.



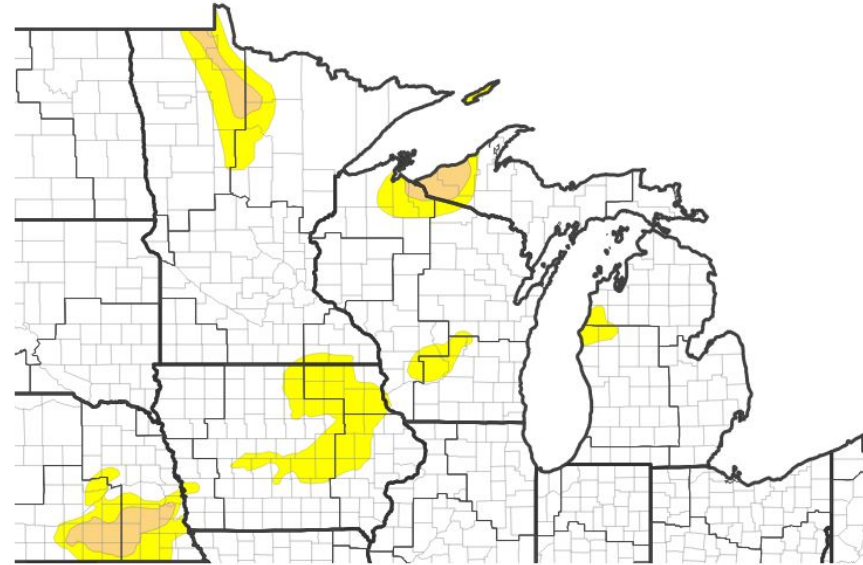


U.S. Drought Monitor

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

- Drought intensity and Extent
 - **D1 (Moderate Drought)**: far northwest Itasca, southwest Koochiching and northern Iron County in north-central Minnesota. Northern Iron County and the far northeastern sliver of Ashland County in north-central Wisconsin.
 - **D0: (Abnormally Dry)**: much of northern Cass and other parts of northwest Itasca and southwest Koochiching Counties in north-central Minnesota. Eastern Bayfield, northeastern Sawyer, Ashland, and southern Iron counties in north-central Wisconsin.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 05/28/24



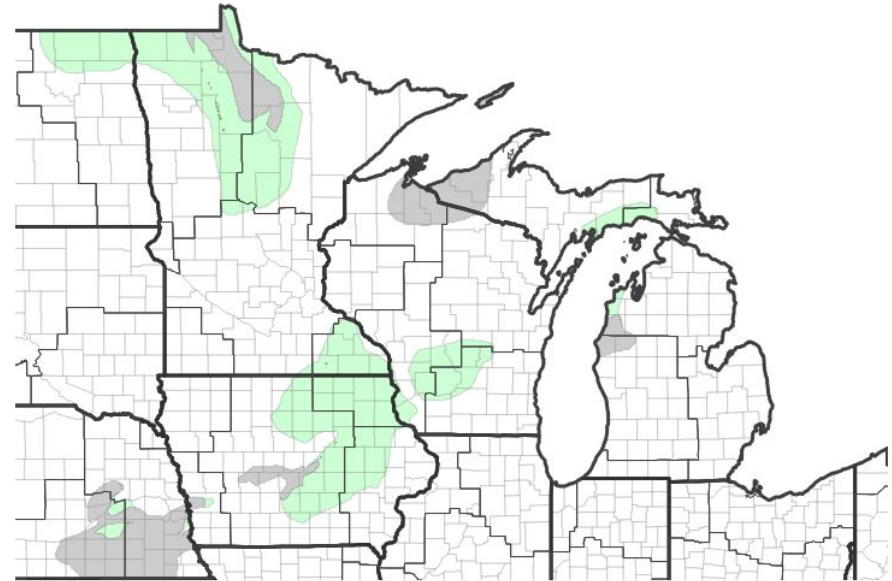


Recent Change in Drought Intensity

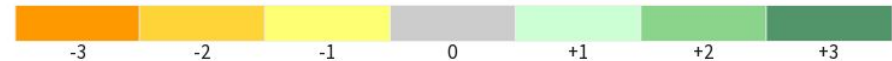
Link to the latest [4-week change map](#) for NE Minnesota and NW Wisconsin

- One Week Drought Monitor Class Change.
 - Drought Worsened: Not Applicable
 - No Change: northwest Itasca and southwest Koochiching Counties and parts of the South Shore.
 - Drought Improved: Much of north-central Minnesota.

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: 05/28/24



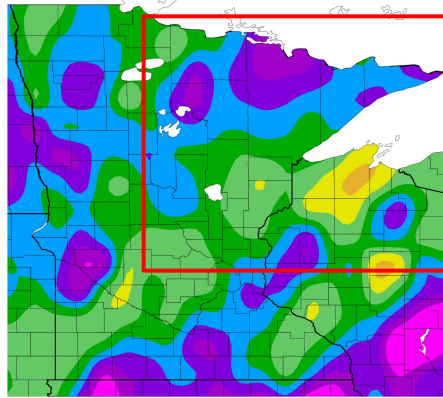


Precipitation

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

- Regional precipitation in the past month has been above to well-above normal.
 - Northeast Minnesota has seen 4-6" of precipitation over the last month.
 - There is a pocket of near-normal precipitation along the South Shore though.

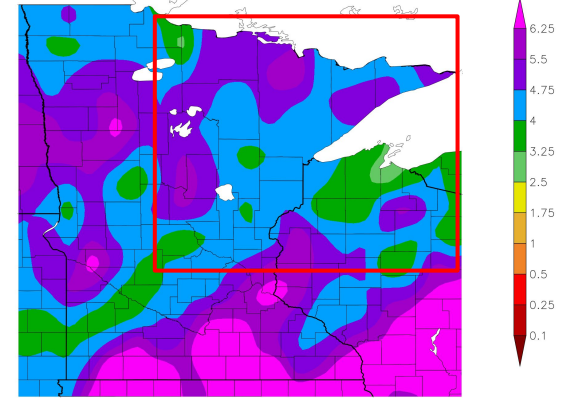
Departure from Normal Precipitation (in)
4/30/2024 - 5/29/2024



Generated 5/30/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

Precipitation (in)
4/30/2024 - 5/29/2024



Generated 5/30/2024 at HPRCC using provisional data.

NOAA Regional Climate Center



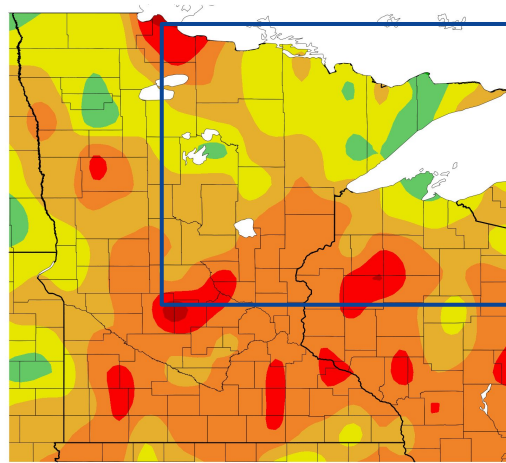


Temperature

Temperatures that were observed in the Northland over the last month

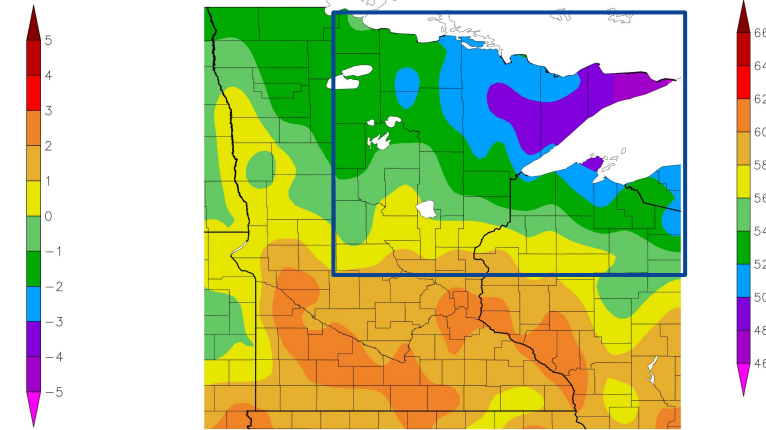
- Temperatures have been near-normal for the Iron Range, Borderlands, into the Arrowhead, and the Bayfield Peninsula, but are 2-4 degrees above normal for the southern half of the Northland

Departure from Normal Temperature (F)
4/30/2024 - 5/29/2024



Generated 5/30/2024 at HPRCC using provisional data.

Temperature (F)
4/30/2024 - 5/29/2024



rated 5/30/2024 at HPRCC using provisional data.

NOAA Regional Climate Centers

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Summary of Impacts

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

Hydrologic Impacts

- Streamflows are generally running above to well-above normal around the region ([USGS Streamflow](#)).

Agricultural Impacts

- Northern Itasca County - Standing water in yards and agriculture fields, running water in ditches. Planting delayed due to ground saturation.

Fire Hazard Impacts

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

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

- None reported.





Hydrologic Conditions and Impacts

- **Northeast Minnesota** - Streams are running above to well-above normal for all basins.
- **Northwest Wisconsin** - All of northwest Wisconsin is running near-normal to above normal.

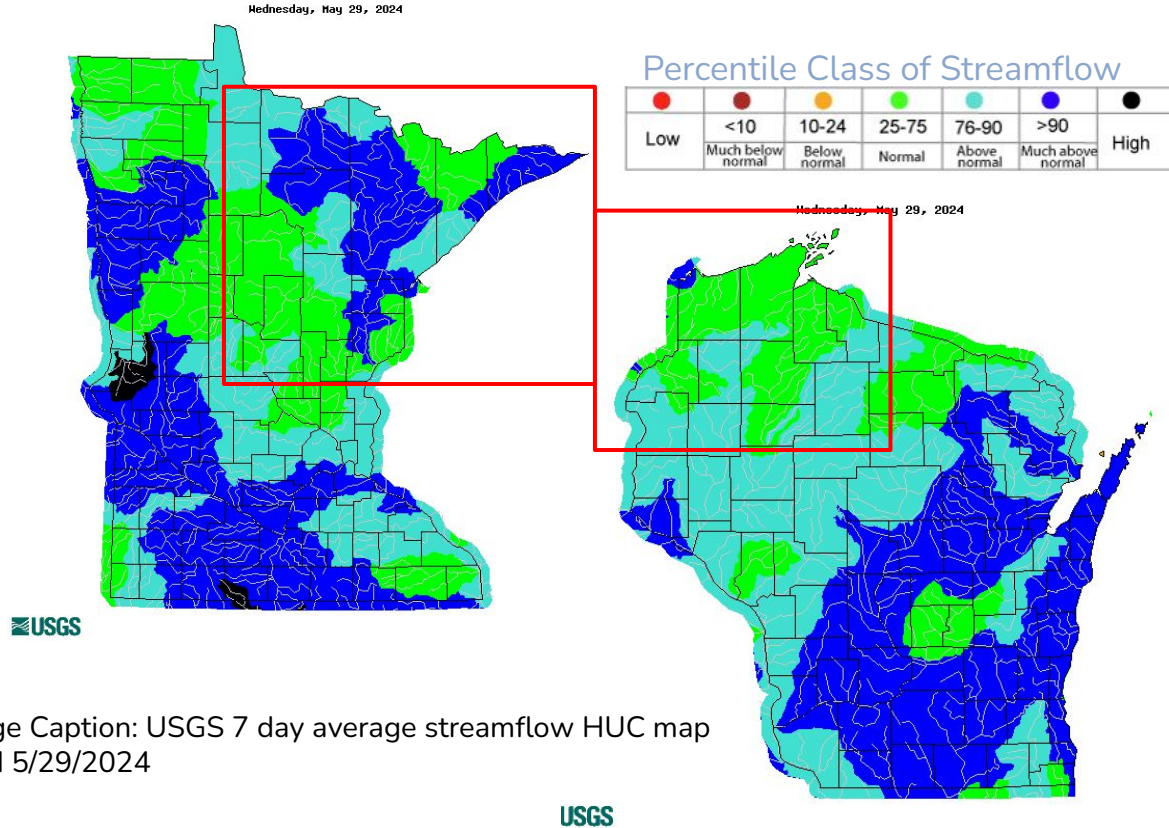


Image Caption: USGS 7 day average streamflow HUC map valid 5/29/2024



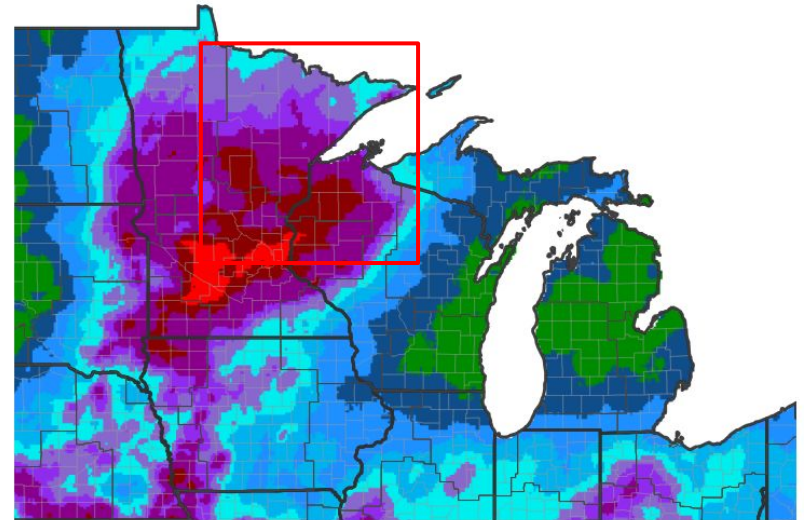


Seven Day Precipitation Forecast

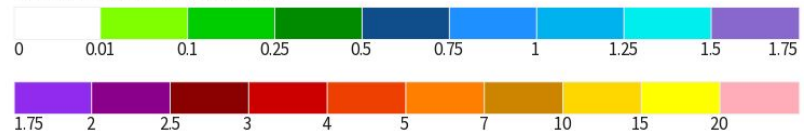
Amount of liquid equivalent precipitation forecast over the next seven days

- Another period of rain every 2 to 3 days begins again Thursday evening, May 30, 2024, and lasts at least into the middle part of next week, the first full week of June 2024
- 0.25 to 0.5 inches of rainfall is most likely Thursday evening and night in north-central Minnesota, with closer to 0.1 to 0.25 inches elsewhere in northeast MN and northwest WI
- Heavy rainfall around 1" (40% chance) to 2" (10% chance) is possible for northeast Minnesota and slightly lesser chances into northwest Wisconsin Sunday evening and overnight.

7-Day Quantitative Precipitation Forecast



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov

Data Valid: 05/30/24



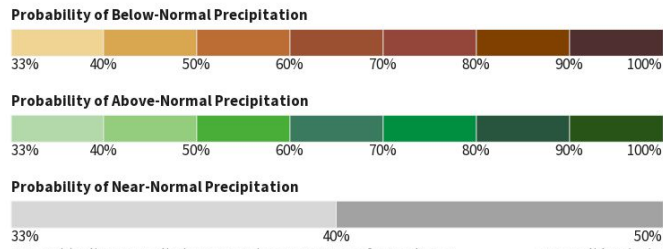
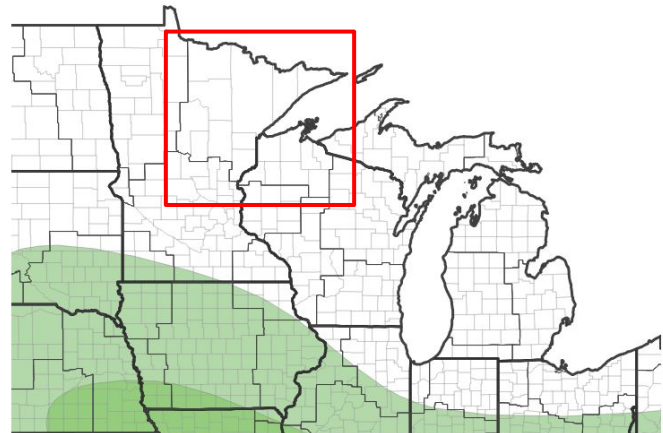


Long-Range Outlooks

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

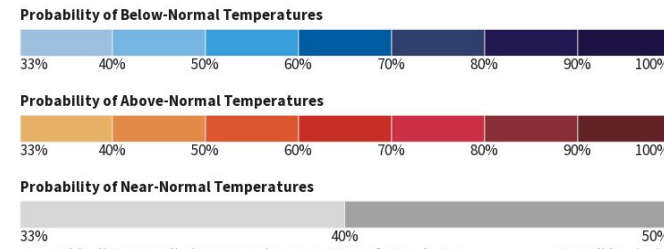
- Longer-term forecasts show equal chances for above or below normal precipitation and for temperatures being either warmer or cooler than normal in the month of June.

Monthly Precipitation Outlook



Source(s): Climate Prediction Center; image courtesy of Drought.gov Data Valid: 05/16/24

Monthly Temperature Outlook



Source(s): Climate Prediction Center; image courtesy of Drought.gov Data Valid: 05/16/24

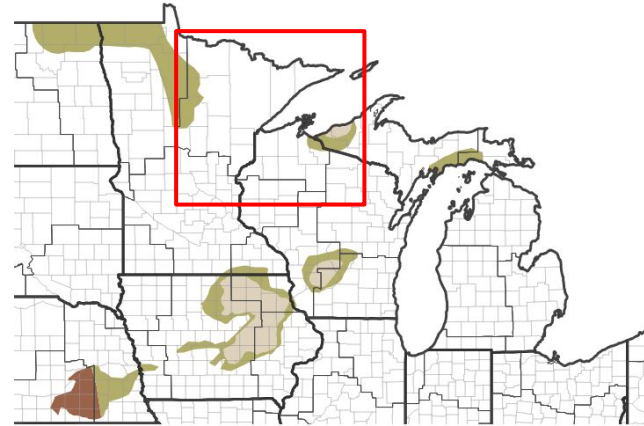


Drought Outlook

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

- Many areas that are currently experiencing drought are predicted to see drought end within the next few months.

Seasonal (3-Month) Drought Outlook



Drought Is Predicted To...



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

Data Valid: 05/16/24

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
Duluth, MN