Drought Information Statement for Northeast IA, Southeast MN, & Western, WI Valid May 27, 2025 Issued By: WFO La Crosse, WI

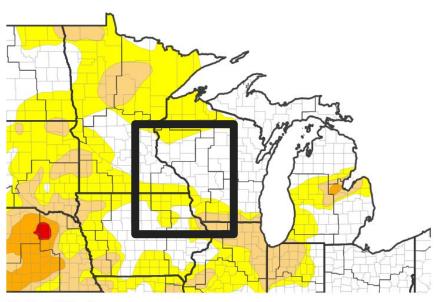
Contact Information: w-arx.webmaster@noaa.gov

- This product will be updated Thursday, June 5, 2024.
- Please see all currently available products at <u>https://drought.gov/drought-information-statements</u>.
- Please visit https://www.weather.gov/ARX/DroughtInformationStatement for previous statements.
- Please visit https://www.drought.gov/drought-status-updates/ for regional drought status updates.
- Little Change in the Dryness South of I-90



Link to the <u>latest U.S. Drought Monitor</u> for Upper Midwest

- Drought intensity and extent
 - Abnormally Dry (D0) and moderate drought (D1) conditions continue in southern Grant County (WI).
 - Abnormally dry (D0) conditions continue in parts of northeast lowa, southeast Minnesota, and southwest Wisconsin south of Interstate 90.



U.S. Drought Monitor

U.S. Drought Monitor

| Abnormally Dry (D0) | Moderate Drought (D1) | Severe Drought (D2) | Extreme Drought (D3) | Exceptional Drought (D4) |
|--|--------------------------|------------------------|-------------------------|-----------------------------|
| Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov | | | | Data Valid: 05/27/25 |

National Weather Service La Crosse, WI



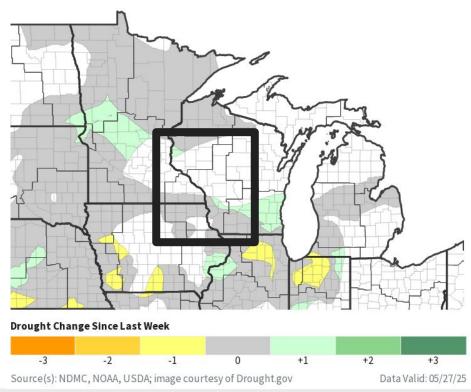
National Oceanic and Atmospheric Administration

Recent Change in Drought Intensity

Link to the latest <u>4-week change map</u> for Northeast IA, southeast MN, & Western IA

- 1-Week Drought Monitor Class Change.
 - During the past week, there was a little improvement in the **abnormally dry (D0)** conditions in central Vernon County and northern Richland County in southwest Wisconsin.

U.S. Drought Monitor 1-Week Change Map

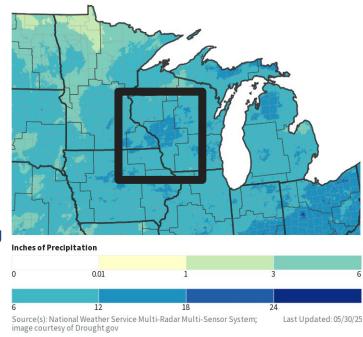


National Oceanic and Atmospheric Administration



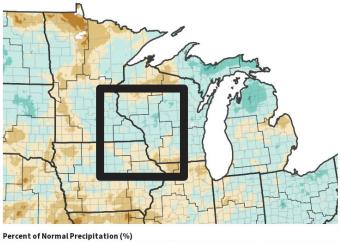
- The dryness from meteorological autumn continued into meteorological winter.
- This resulted in 2 to 7" deficits along and west of the Mississippi River.
- Meteorological spring was near-normal to 2" drier than normal south of Interstate 90.

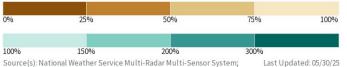
90-Day Precipitation Accumulations (Inches)



90-Day Percent of Normal Precipitation

image courtesy of Drought.gov





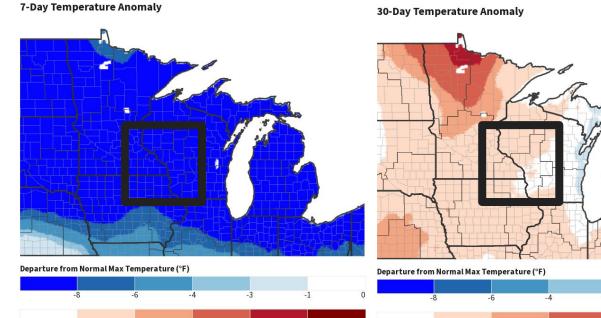
At this time, only southern Grant County (WI) is in a **moderate drought (D1)**. **Abnormally dry (D0)** conditions still exists south of Interstate 90.



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



- During the last week of May, high temperatures were 8 to 10°F colder than normal.
- During the past 30 days, temperature departures ranged from near normal to 3°F warmer than normal.



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Data Valid: 05/25/25

Source(s): NOAA's National Centers for Environmental Information; image

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

Hydrologic Impacts

• There are no known impacts at this time.

Agricultural Impacts

• There are no known impacts at this time.

Fire Hazard Impacts

• As of the morning of May 30, fire danger was moderate (fires start easily and spread at a moderate rate) in Taylor County in north-central Wisconsin, and low (fires are not easily started) fire danger was seen in northeast lowa, southeast Minnesota, and southwest and central Wisconsin.

Other Impacts

• There are no known impacts at this time.

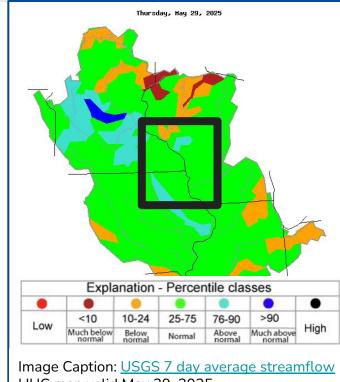
Mitigation Actions

• No known actions are taking place in northeast lowa, southeast Minnesota, and western Wisconsin.



Hydrologic Conditions and Impacts

- The dryness from meteorological autumn continued into meteorological winter. This resulted in 2 to 7" deficits along and west of the Mississippi River.
- Meteorological spring (began on March 1) has been on the wetter side with precipitation surpluses up to 4".
- As of the morning of May 30, rivers and stream flows were near-normal in northeast Iowa, southeast Minnesota, and from southwest into central Wisconsin.
- At this time, only southern Grant County (WI) is in a moderate drought (D1). Abnormally dry (D0) conditions still exists south of Interstate 90.



HUC map valid May 29, 2025.

≊USGS





Link to Wildfire Potential Outlooks from the National Interagency Coordination Center.

As of the morning of May 30...

 fire danger was moderate (fires start easily and spread at a moderate rate) in Taylor County in north-central Wisconsin, and low (fires are not easily started) fire danger was seen in northeast lowa, southeast Minnesota, and southwest and central Wisconsin.

Calculated Soil Moisture Ranking Percentile

MAY 29, 2025

For updated DNR Fire Conditions consult the following Web Sites:

- <u>lowa</u>
- <u>Minnesota</u>
- Wisconsin

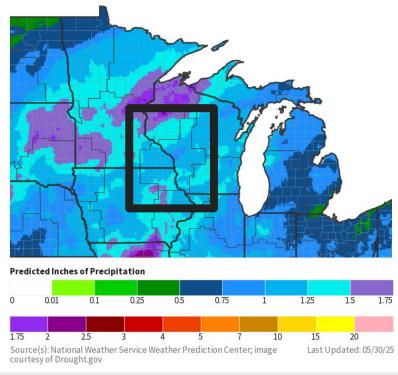


National Oceanic and Atmospheric Administration U.S. Department of Commerce



- From May 30 through June 6, the Weather Prediction Center (WPC) is forecasting anywhere from 1 to 2" of rain across the Upper Mississippi River Valley.
- Normal precipitation is around 1.3 inches for this time period.

7-Day Quantitative Precipitation Forecast for May 30, 2025–June 6, 2025

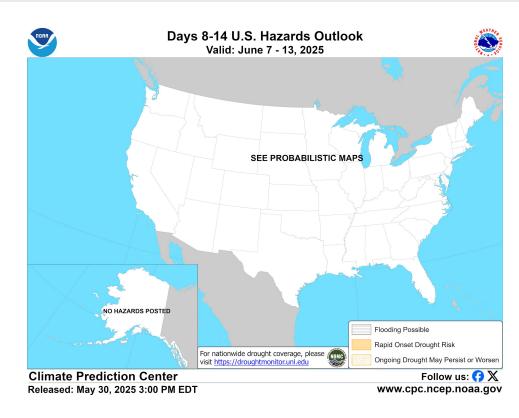




Rapid Onset Drought Outlook

Links to the latest Climate Prediction Center 8 to 14 day Temperature Outlook and Precipitation Outlook.

 From June 7 through June 13, rapid onset drought (at least a 2-category degradation) is not expected in northeast lowa, southeast Minnesota, and from southwest into central Wisconsin.



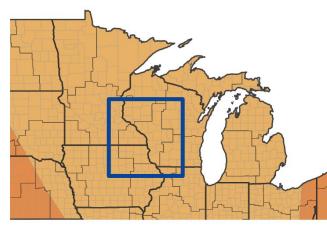


Long-Range Outlooks

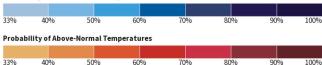
The latest monthly and seasonal outlooks can be found on the CPC homepage

- From June-August, the **Climate Prediction** Center (CPC) has tilted the odds toward temperatures warmer than normal (33-40%) across the Upper Mississippi River Valley.
- Drier-than-normal is favored near and west of Interstate 35. Meanwhile, there are equal chances for drier, near, and wetter than normal across the remainder of the area.

Seasonal (3-Month) Temperature Outlook for June 1, 2025-August 31, 2025

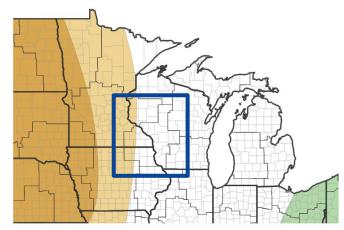


Probability of Below-Normal Temperatures



Probability of Near-Normal Temperatures

33% 40% Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 05/15/25 Seasonal (3-Month) Precipitation Outlook for June 1, 2025-August 31, 2025



Probability of Below-Normal Precipitation

| 33% | 40% | 50% | 60% | 70% | 80% | 90% | 100% |
|-----|-----|-----|-----|-----|-----|-----|------|

Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation

50%

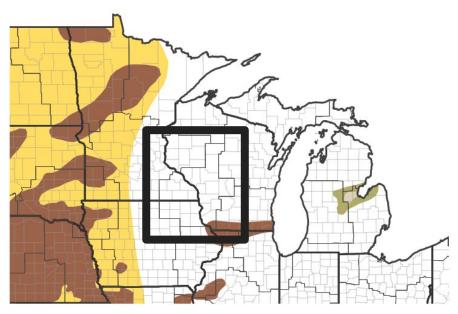
| 33% | 40% | 50% |
|---|-----|------------------------|
| Source(s): Climate Prediction Center; image courtesy of Drought.gov | | Last Updated: 05/15/25 |



Drought Outlook

The latest monthly and seasonal drought outlooks can be found on the CPC homepage

 Moderate drought (D1) conditions are expected continue in southern Grant County (WI) through meteorological summer. Seasonal (3-Month) Drought Outlook for May 15, 2025-August 31, 2025



Drought Is Predicted To...

| Persist | Improve | End | Develop | No Drought |
|--|---------|-----|---------|------------|
| Source(s): Climate Prediction Center; image courtesy of Drought.gov Last Updated: 05/15/25 | | | | |
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