



Drought Information Statement for Northeast IA, Southeast MN, & Western, WI

Valid October 22, 2024

Issued By: WFO La Crosse, WI

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

- This product will be updated Thursday, October 31, 2024.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- 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.

- **Drought Expands Further North into the Interstate 94 Corridor**



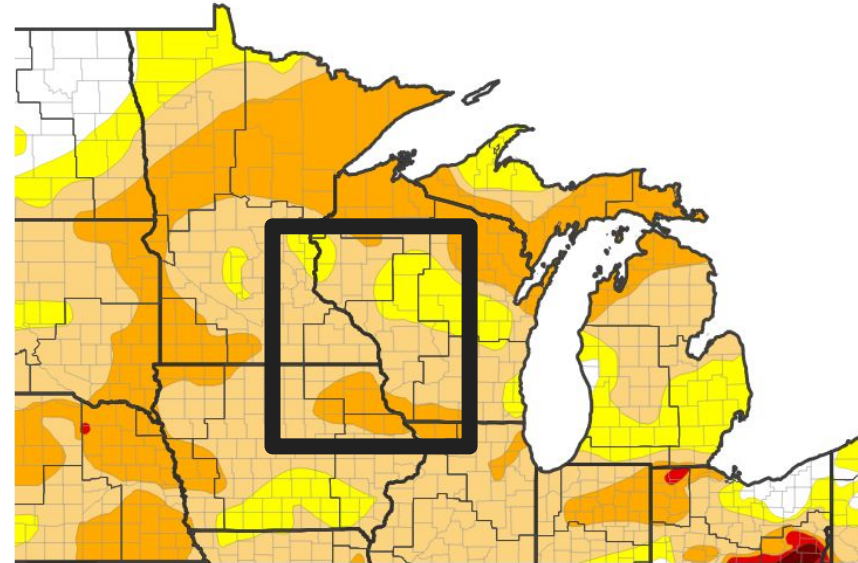


U.S. Drought Monitor

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

- Drought intensity and Extent
 - **D1 (Moderate Drought) & D2 (Severe Drought)** has continued in northeast Iowa and has recently developed in southwest Wisconsin.
 - **D1 (Moderate Drought)** has developed north into the Interstate 94 corridor.
 - **D0 (Abnormally Dry)** north of Interstate 94.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 10/22/24



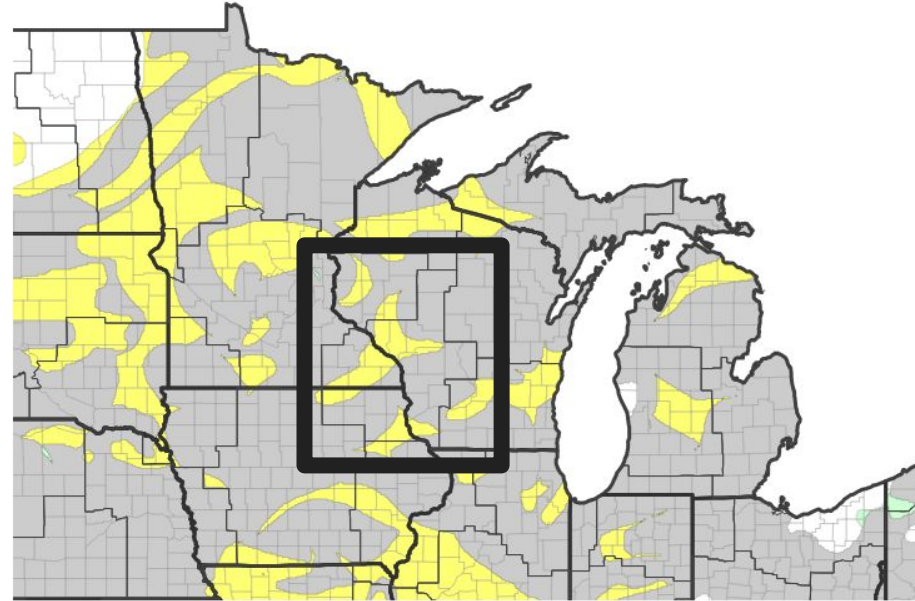


Recent Change in Drought Intensity

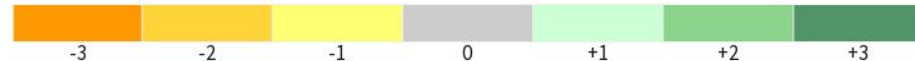
Link to the latest [4-week change map](#) for Northeast IA, southeast MN, & Western IA

- 1-Week Drought Monitor Class Change.
 - During the past week, there were several 1-category degradations in the NWS La Crosse, WI Hydrologic Service Area (HSA).

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: 10/22/24

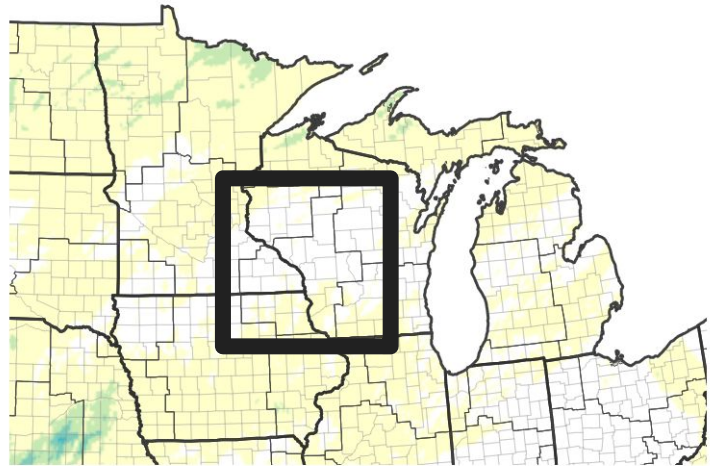




Precipitation

- From October 16 through October 22, rainfall totals ranged from no rain to 0.03" near Oelwein, IA.
- Normally, around a ½" of an inch of rain falls during this time frame.
- Since mid-July, rainfall deficits range from 1 to 9". The largest deficits (4 to 9") are south of Interstate 90.

NWPS 7-Day Precipitation Accumulations (inches)

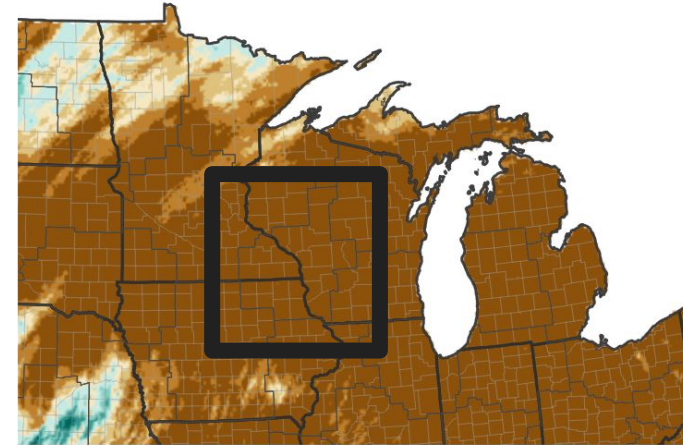


Inches of Precipitation

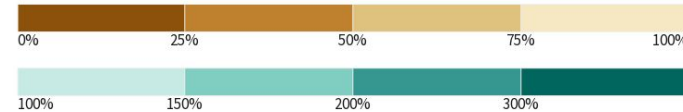


Source(s): National Weather Service National Water Prediction Service; Data Valid: 10/24/24

7-Day Precipitation: Percent of PRISM Normal



Percent of Normal Precipitation (%)



Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov Last Updated: 10/24/24

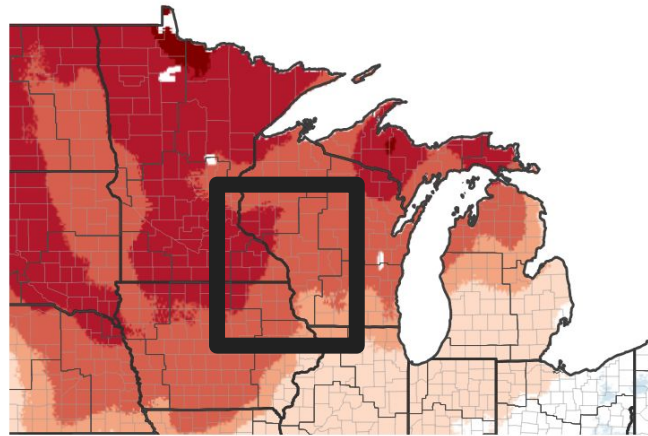




Temperature

- During the past week (October 15 to October 21), temperatures ranged from 3°F to 8°F warmer than normal.
- During the past month (September 18 through October 21), average temperatures ranged from 6°F to 10°F warmer than normal.

7-Day Temperature Anomaly



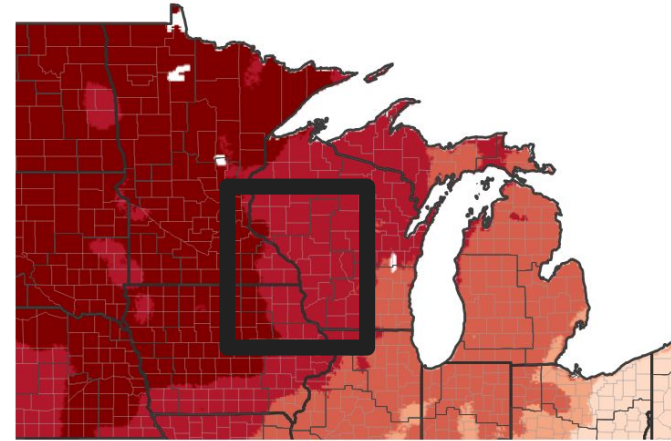
Departure from Normal Max Temperature (°F)



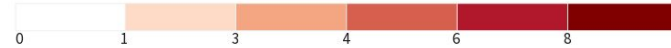
Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 10/21/24

30-Day Temperature Anomaly



Departure from Normal Max Temperature (°F)



Source(s): NOAA's National Centers for Environmental Information; image courtesy of Drought.gov

Data Valid: 10/21/24





Summary of Impacts

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

- In northeast Iowa, livestock water resources continue to be a concern.

Fire Hazard Impacts

- As of the morning of October 22, fire danger was very high (fires start easily started and spread at a very high rate) in central Wisconsin. Fire danger was high (fires start easily started and spread at a high rate) in southeast Minnesota and western Wisconsin. Finally, fire danger was low (fires are not easily started) to moderate (fires start easily started and spread at a moderate rate) in northeast Iowa.
- In northeast Iowa, combine and other equipment fires were reported.

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

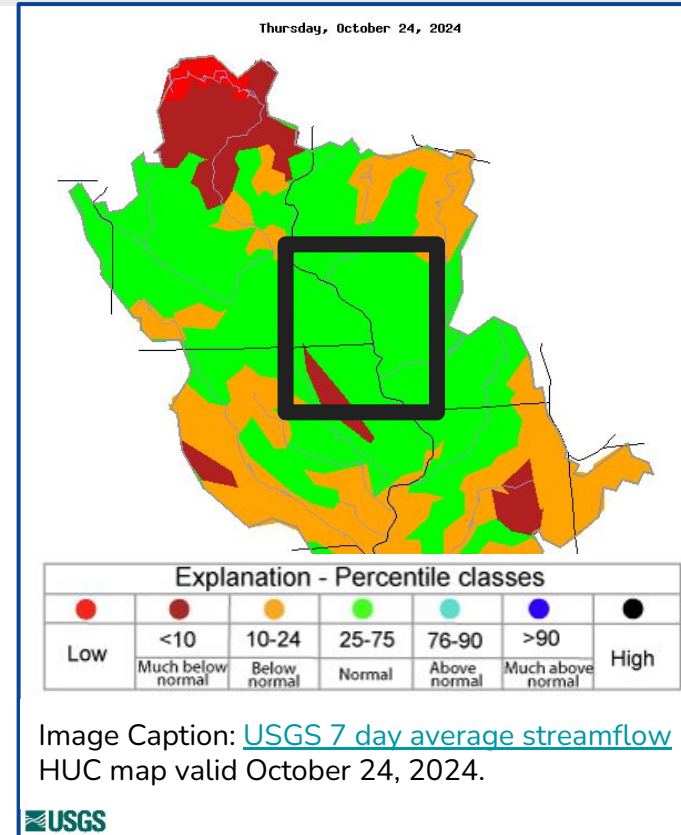
- No known actions are taking place in northeast Iowa, southeast Minnesota, and western Wisconsin.





Hydrologic Conditions and Impacts

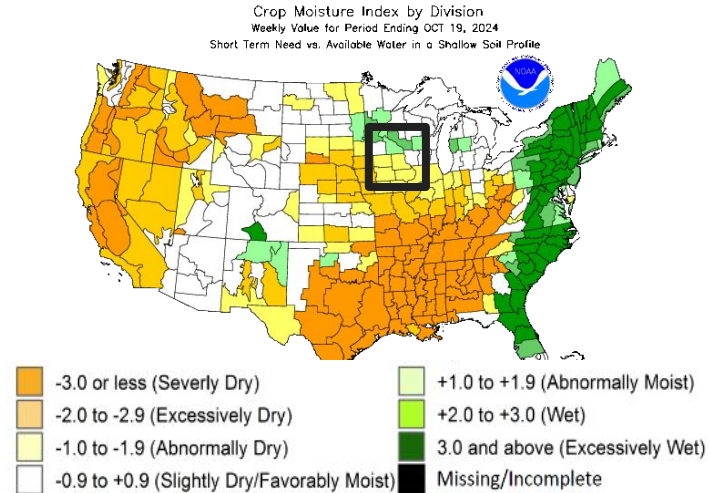
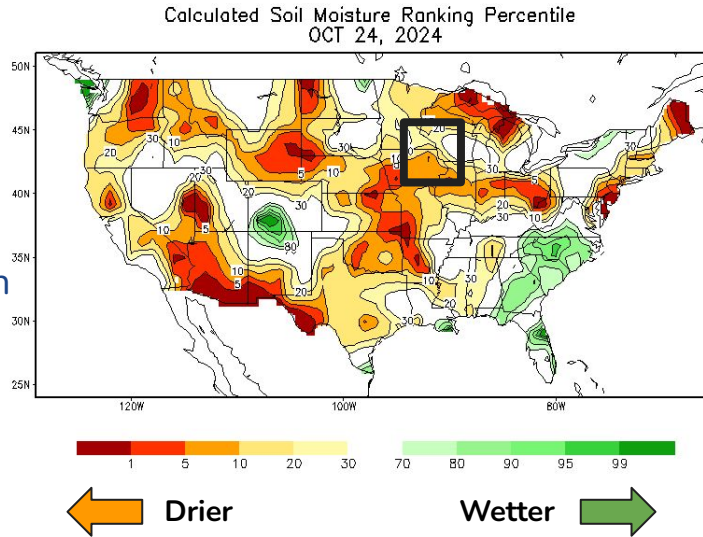
- From October 16 through October 22, rainfall totals ranged from no rain to 0.03" near Oelwein, IA.
- Normally, around 1/2" of an inch of rain falls during this time frame.
- As of the morning of October 22, rivers and stream flows range from below normal to normal in northeast Iowa, southeast Minnesota, and western Wisconsin.





Agricultural Impacts

- Since mid-July, soils have been gradually drying.
- Soils south of the Interstate 90 corridor are currently less than the 10th percentile.



For more details:

- [Iowa](#)
- [Minnesota](#)
- [Wisconsin](#)



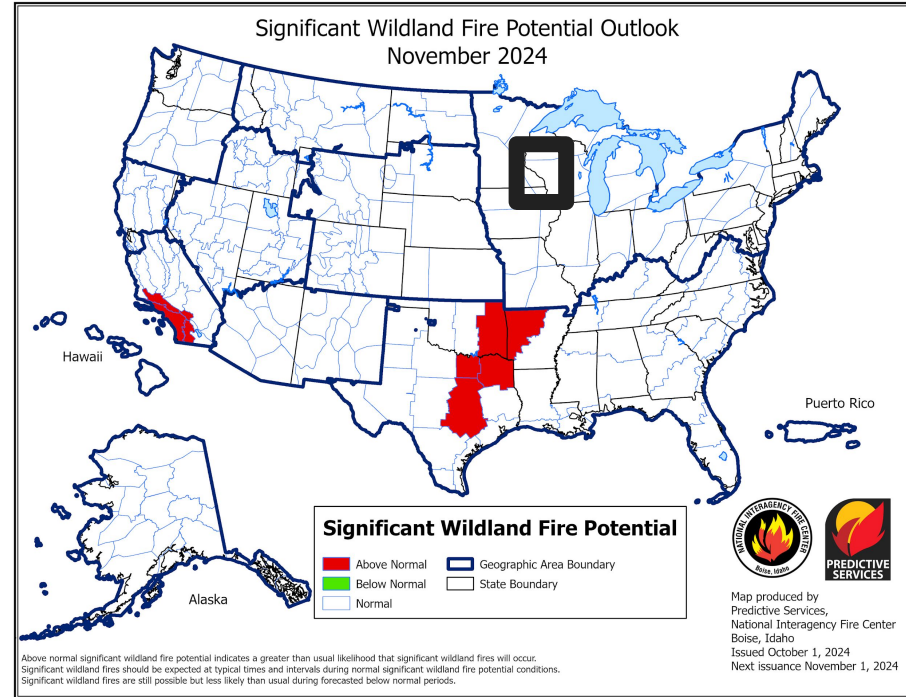


Fire Hazard Impacts

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

As of the morning of October 22, 2024...

- fire danger was very high (fires start easily started and spread at a very high rate) in central Wisconsin. Fire danger was high (fires start easily started and spread at a high rate) in southeast Minnesota and western Wisconsin. Finally, fire danger was low (fires are not easily started) to moderate (fires start easily started and spread at a moderate rate) in northeast Iowa.



For updated DNR Fire Conditions consult the following Web Sites:

- [Iowa](#)
- [Minnesota](#)
- [Wisconsin](#)

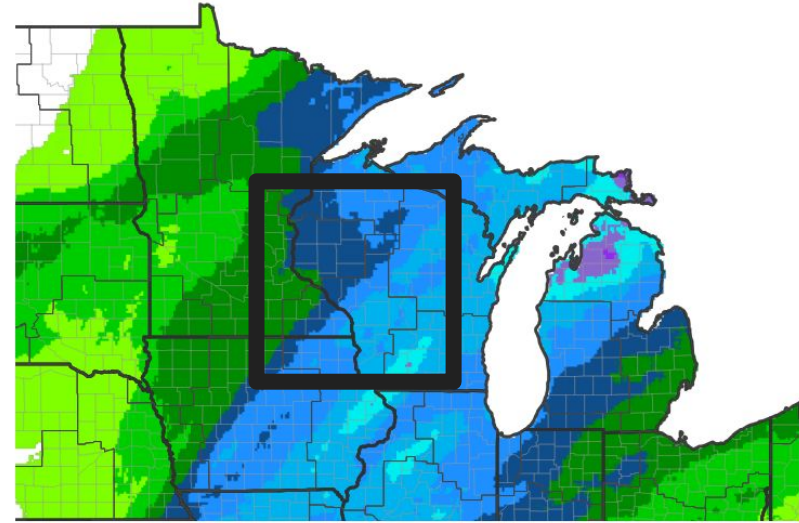




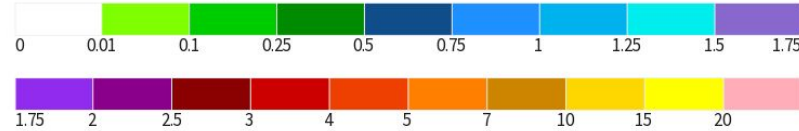
Seven Day Precipitation Forecast

- From October 25 through November 1, the Weather Prediction Center (WPC) is forecasting up anywhere from a ½” to 1 ¼”.
- Normal precipitation is around ½” for this time period.

7-Day Quantitative Precipitation Forecast for October 25, 2024–November 1, 2024



Predicted Inches of Precipitation



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 10/25/24





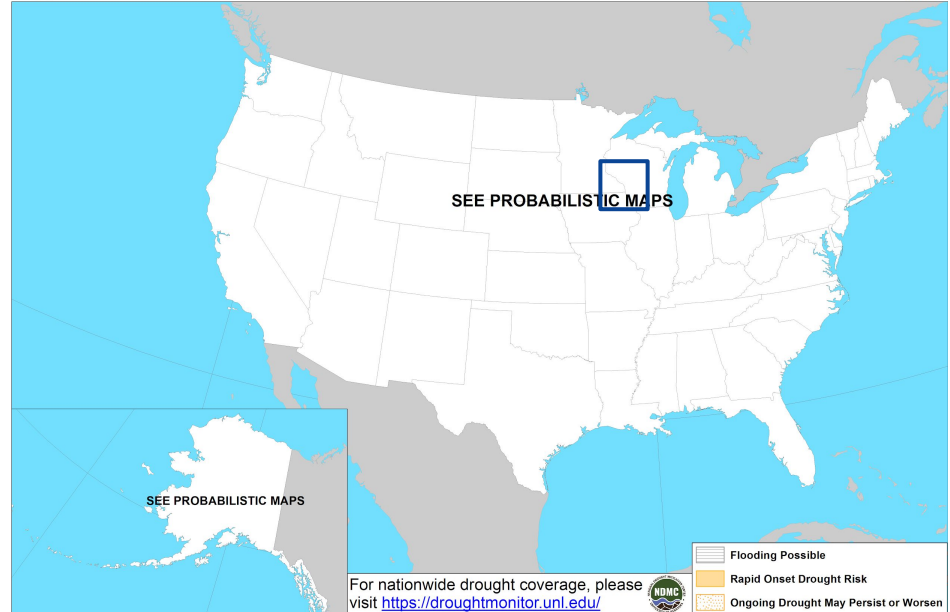
Rapid Onset Drought Outlook

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

- From November 2 through November 8, rapid onset drought (at least a 2-category degradation) is not expected in northeast Iowa, southeast Minnesota, or western Wisconsin.



Day 8-14 U.S. Hazards Outlook
Valid: 11/02/2024-11/08/2024



Climate Prediction Center
Made: 10/25/2024 3PM EDT

Follow us:
www.cpc.ncep.noaa.gov



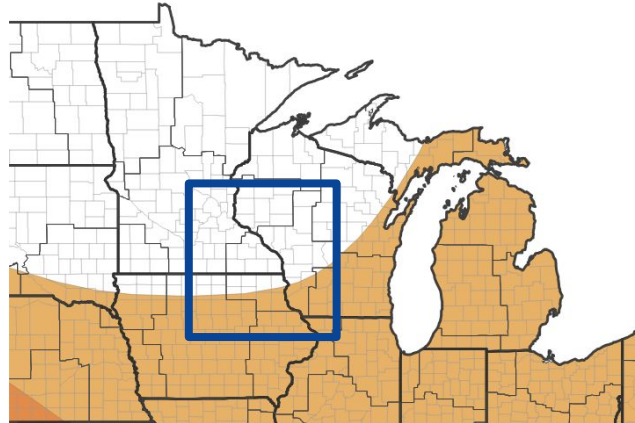


Long-Range Outlooks

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

- From November through January, the Climate Prediction Center has an enhanced chance for warmer than normal (33-40%) in northeast Iowa and southwest Wisconsin, and equal chances of warmer-, near-, and colder-than-normal elsewhere in the Upper Mississippi River Valley.
- Meanwhile, there are equal chances of wetter-, near-, and drier-than-normal.

Seasonal (3-Month) Temperature Outlook for November 1, 2024-January 31, 2025



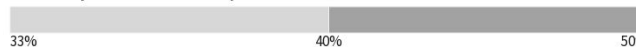
Probability of Below-Normal Temperatures



Probability of Above-Normal Temperatures



Probability of Near-Normal Temperatures



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

Last Updated: 10/17/24

Seasonal (3-Month) Precipitation Outlook for November 1, 2024-January 31, 2025



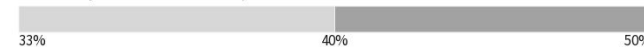
Probability of Below-Normal Precipitation



Probability of Above-Normal Precipitation



Probability of Near-Normal Precipitation



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

Last Updated: 10/17/24



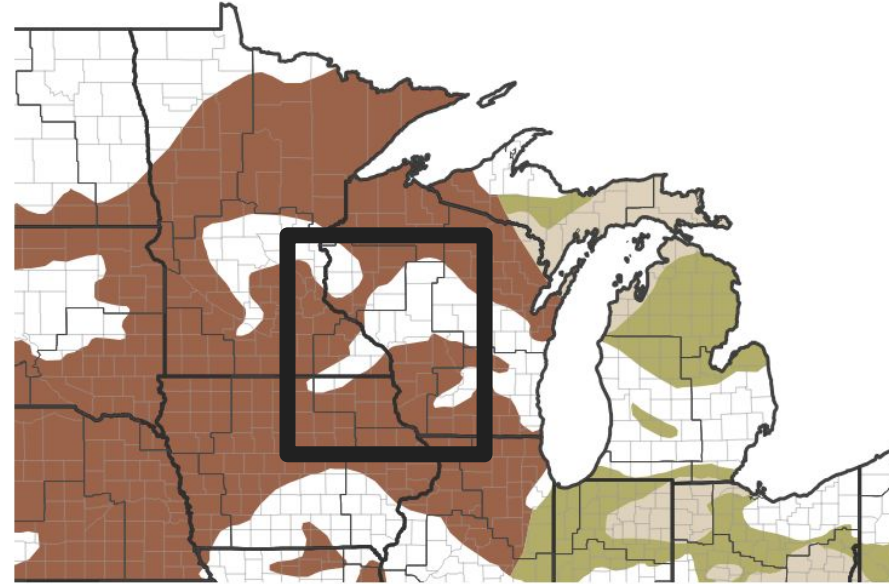


Drought Outlook

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

- The drought is expected to persist in January 2025.

Seasonal (3-Month) Drought Outlook for October 17, 2024–January 31, 2025



Drought Is Predicted To...



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

Last Updated: 10/17/24

