Drought Information Statement for

Northeast IA, Southeast MN, & Western, WI

Valid May 2, 2024

Issued By: WFO La Crosse, WI

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

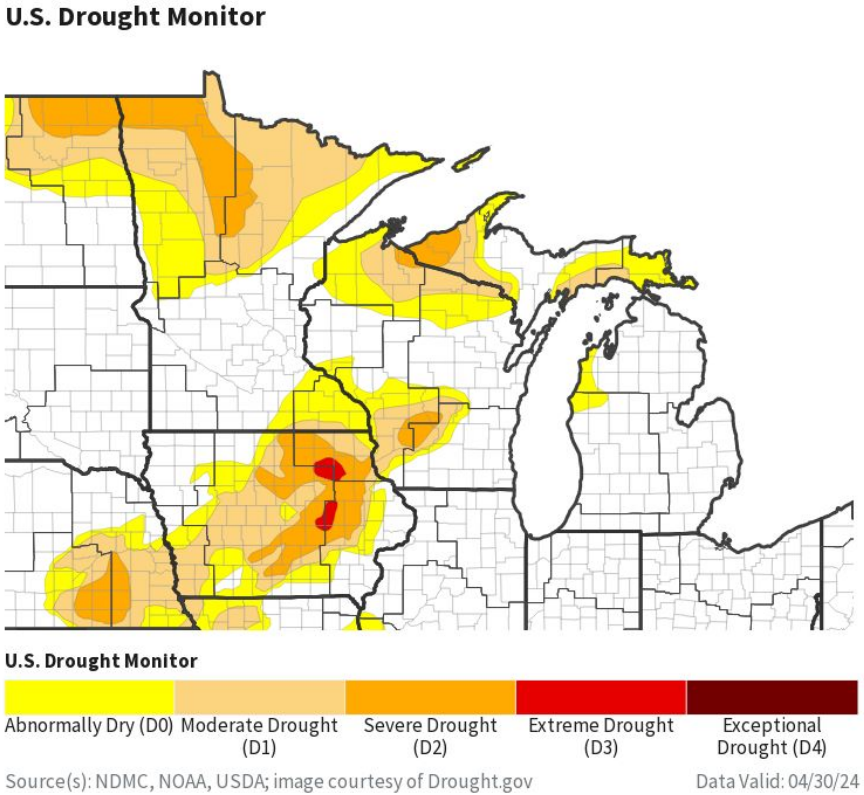
- This product will be updated May 9, 2024 or sooner if drought conditions change significantly.
- Please see all currently available products at https://drought.gov/drought-information-statements.
- Please visit https://www.weather.gov/ARX/DroughtInformationStatement for previous statements.
- Please visit https://www.drought.gov/drought-status-updates/ for regional drought status updates.

- There were no changes in the drought during the past week.

U.S. Drought Monitor

Link to the latest U.S. Drought Monitor for Upper Midwest

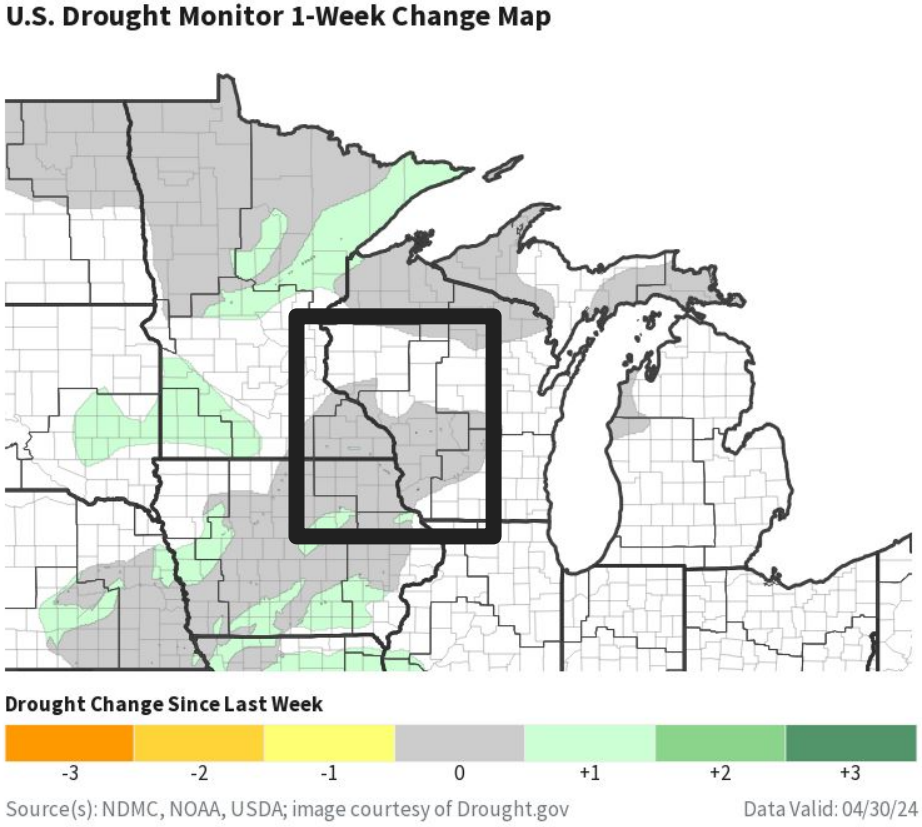
- Drought intensity and Extent
  - **D1 (Moderate Drought) to D3 (Extreme Drought)**: Northeast Iowa
  - **D0: (Abnormally Dry) to D2 (Severe Drought)**: South of Interstate 90 in Wisconsin.
  - **D0: (Abnormally Dry) to D1 (Moderate Drought)**: Southeast Minnesota.
  - **D0: (Abnormally Dry)**: North of Interstate 90 in Wisconsin.



Recent Change in Drought Intensity

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

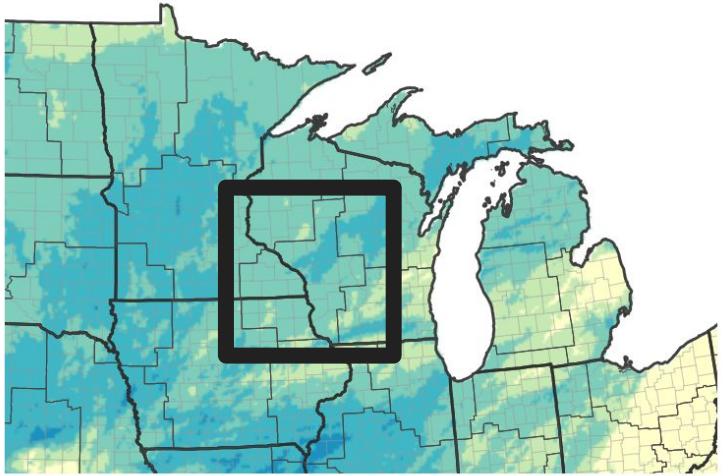
- 1-Week Drought Monitor Class Change.
  - During the past week, there was no change in the drought for NWS La Crosse, WI Hydrologic Service Area (HSA).



Precipitation

- From April 24 through April 30, rainfall totals ranged from 0.42" near Oelwein to 2.52" near Dickeyville, IA.
- Normally, around 0.9" of precipitation falls during this period.
- The heaviest rainfall was not widespread enough to cause an improvement in the drought.

NWPS 7-Day Precipitation Accumulations (inches)



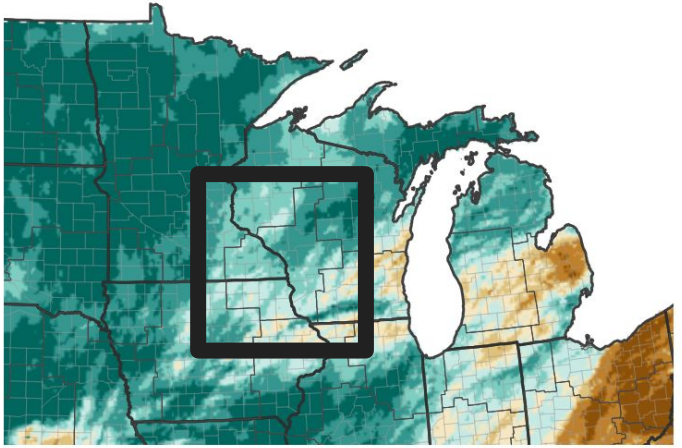
Inches of Precipitation

0 0.01 0.5 1 2 4 6 8

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

Data Valid: 05/01/24

7-Day Precipitation: Percent of PRISM Normal



Percent of Normal Precipitation (%)

0% 25% 50% 75% 100%

100% 150% 200% 300%

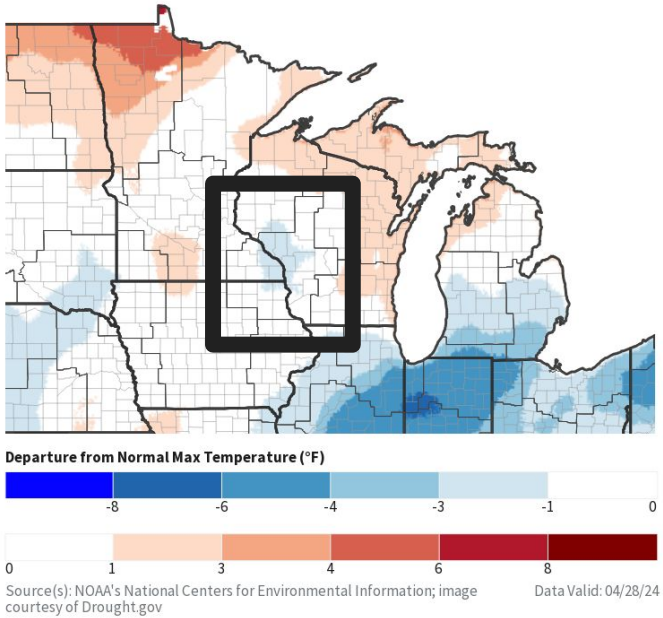
Source(s): National Weather Service National Water Prediction Service; image courtesy of Drought.gov

Last Updated: 05/01/24

Temperature

- During the past week (April 22 through April 28), temperatures ranged from 1°F colder than normal to normal.
- During the past month (March 28 through April 28), most of the area saw near-normal temperatures.

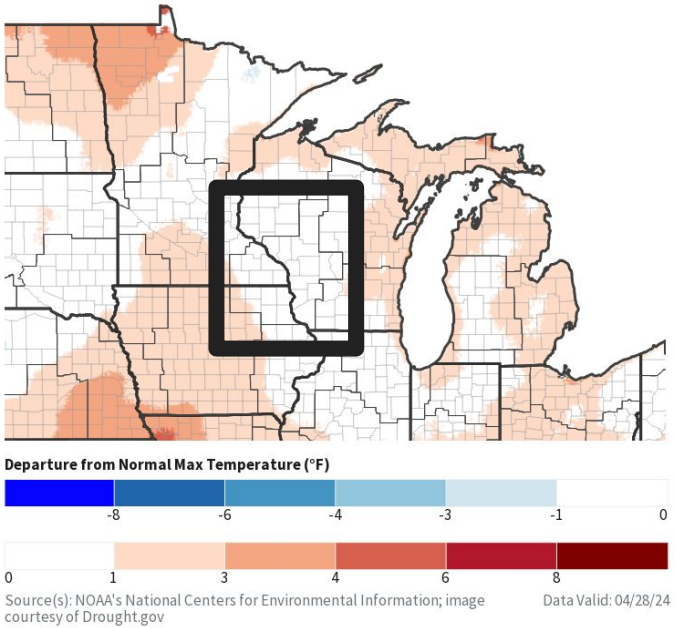
7-Day Temperature Anomaly



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

Data Valid: 04/28/24

30-Day Temperature Anomaly



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

Data Valid: 04/28/24

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

- There are no known impacts at this time.

Fire Hazard Impacts

- There are no known impacts at this time.

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

- There is a Drought Watch for Region 3 in northeast Iowa. For more information, see the Iowa Drought Plan.

Hydrologic Conditions and Impacts

- From April 24 through April 30, rainfall totals ranged from 0.42" near Oelwein to 2.52" near Dickeyville, IA.
- Normally, around 0.9" of precipitation falls during this period.
- The heaviest rainfall was not widespread enough to cause an improvement in the drought.
- As of the morning of May 2, rivers and stream flows ranged from much below to above normal in northeast Iowa, and below to much above normal in southeast Minnesota and western Wisconsin.

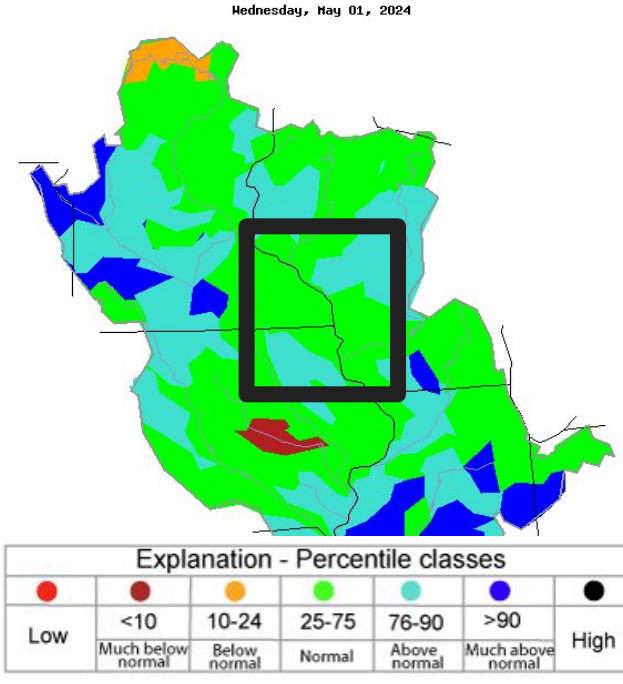
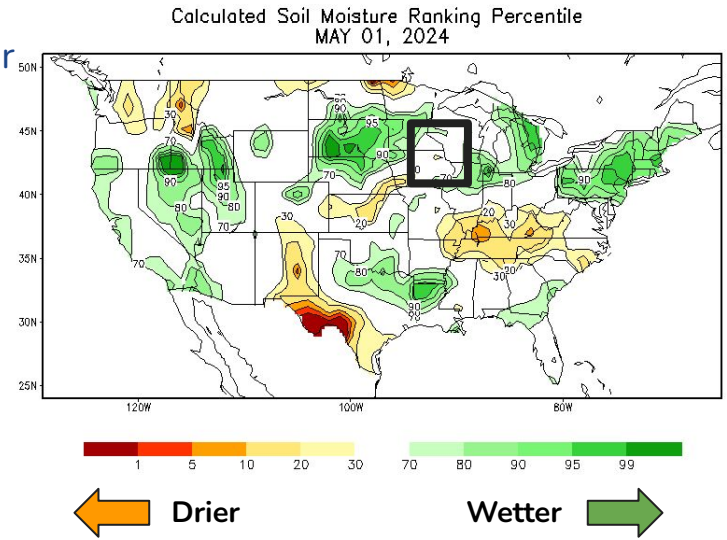
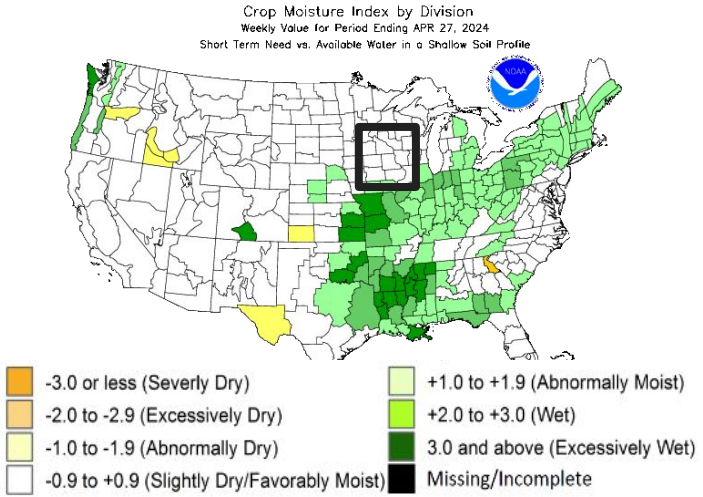


Image Caption: USGS 7 day average streamflow HUC map valid May 1, 2024.

Agricultural Impacts

- Due to recent rain, top soil moisture has returned to normal for northeast Iowa, southeast Minnesota, and western Wisconsin.





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 May 2, 2024…

- Fire danger was low (fires start easily and spread at a low rate) fire danger in northeast Iowa, southeast Minnesota, and western Wisconsin.

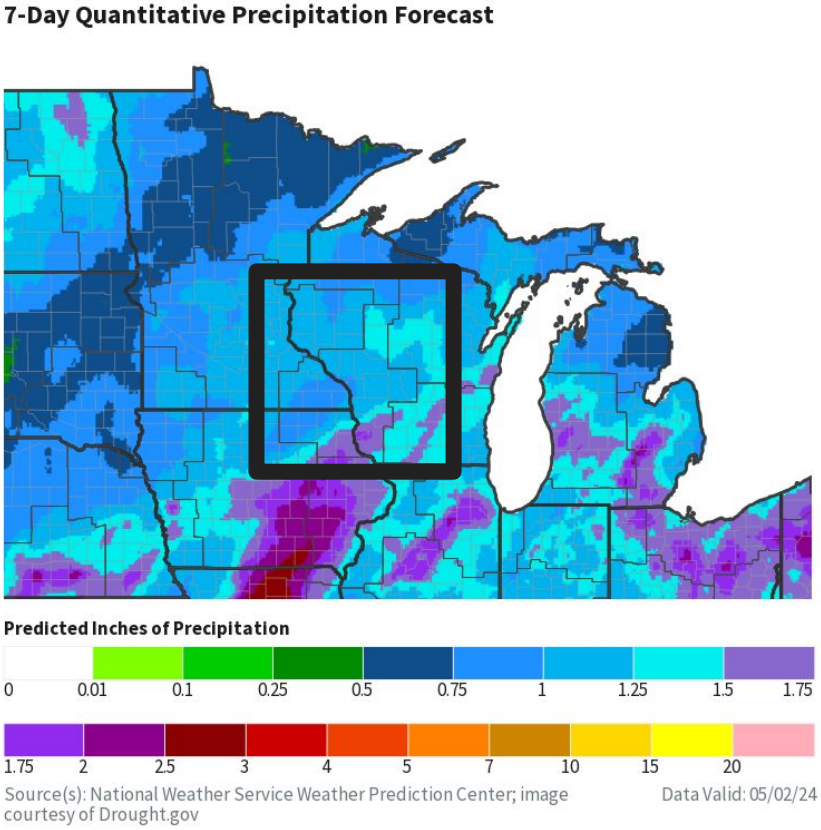
For updated DNR Fire Conditions consult the following Web Sites:

- Iowa
- Minnesota
- Wisconsin

Seven Day Precipitation Forecast

- From May 2 through May 9, the Weather Prediction Center (WPC) is forecasting 1.25 to 2.5” across the area. The highest totals are in northeast Iowa and southwest Wisconsin.

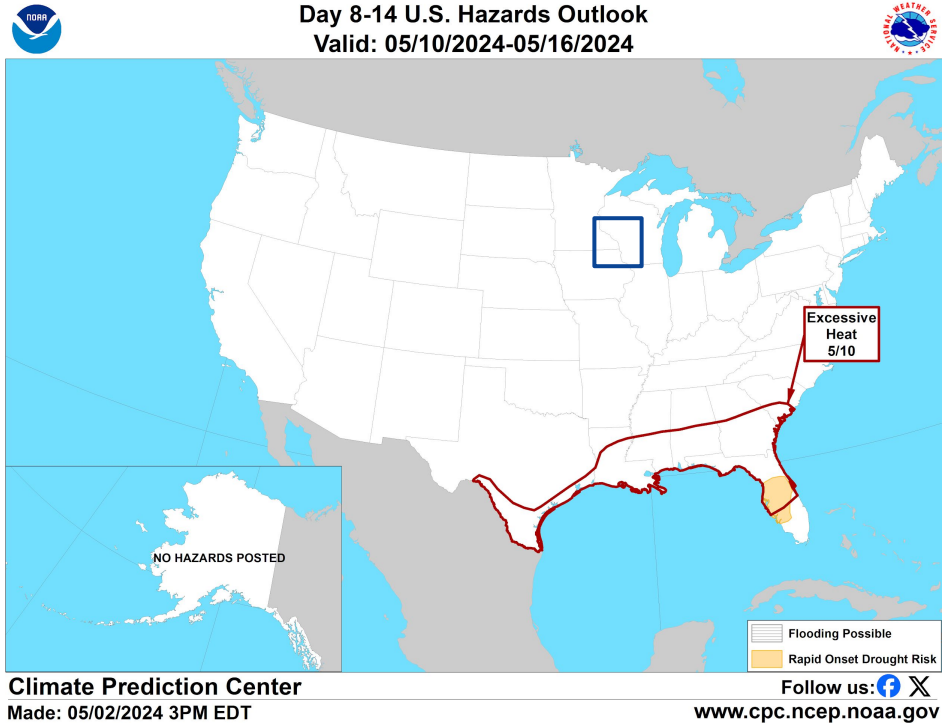
- Normal precipitation is around a 0.9” for this time period.



Rapid Onset Drought Outlook

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

- From May 10-16, rapid onset drought (at least a 2-category degradation) is not expected.

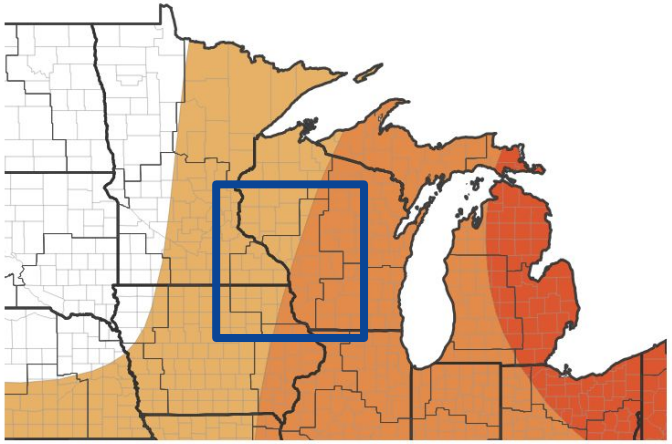


Long-Range Outlooks

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

- From May through July, there is enhanced chances for warmer-than-normal temperatures.
- Meanwhile, there are equal chances of wetter-, near-, and drier-than-normal.

Seasonal (3-Month) Temperature Outlook



Probability of Below-Normal Temperatures

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

Probability of Above-Normal Temperatures

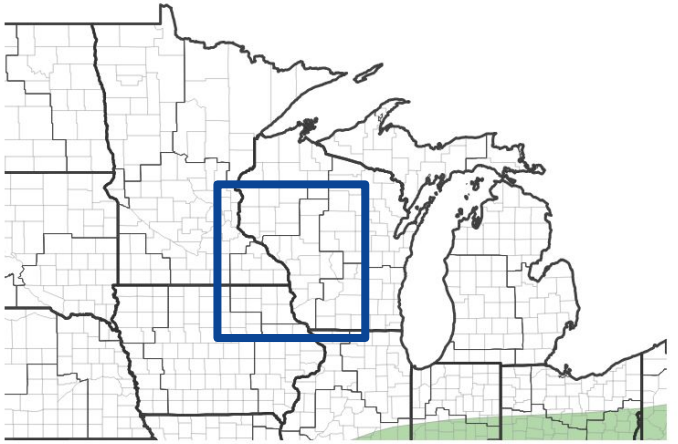
33% 40% 50% 60% 70% 80% 90% 100%

Probability of Near-Normal Temperatures

33% 40% 50%

Source(s): Climate Prediction Center; image courtesy of Drought.gov Data Valid: 04/18/24

Seasonal (3-Month) Precipitation Outlook



Probability of Below-Normal Precipitation

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

Probability of Above-Normal Precipitation

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

Probability of Near-Normal Precipitation

33% 40% 50%

Source(s): Climate Prediction Center; image courtesy of Drought.gov Data Valid: 04/18/24

Drought Outlook

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

- According to the latest U.S. Seasonal Drought Outlook (May 1 through July 31), the drought is expected to improve along and south of Interstate 90.