



Drought Information Statement for Central Iowa

Valid May, 16, 2024

Issued By: NWS Des Moines

Contact Information: nws.desmoines@noaa.gov

- This product will be updated June, 14, 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/DMX/DroughtInformationStatement> for previous statements.
 - Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.
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- Continued rainfall across Iowa has led to additional improvements to drought conditions in the state.
 - Despite the improvement, severe drought conditions persist in portions of northeast, north central back into central Iowa.
 - Additional upcoming rainfall may help to continue to alleviate drought across the state.



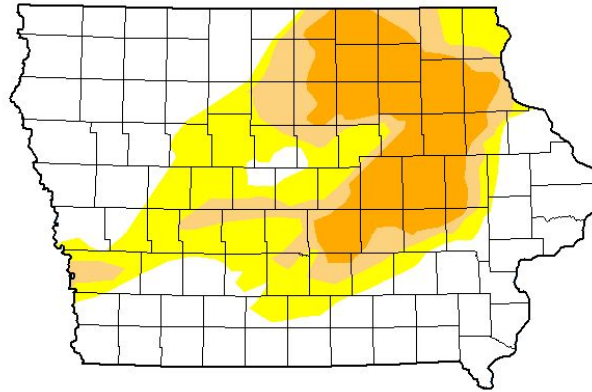


U.S. Drought Monitor

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

- Improvement continued for portions of western and central Iowa given recent rainfall.
- Drought intensity and Extent
 - D2 (Severe Drought):** These conditions persist over portions of north central, northeast back into central Iowa.
 - D1 (Moderate Drought):** Closely surrounds the severe drought.
 - D0: (Abnormally Dry):** Extends back westward from the severe and moderate drought areas to west central Iowa.

U.S. Drought Monitor Iowa



May 14, 2024
(Released Thursday, May. 16, 2024)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	52.54	47.46	27.43	16.09	0.00	0.00
Last Week 05-07-2024	40.30	59.70	37.31	19.35	0.00	0.00
3 Months Ago 02-13-2024	5.24	94.76	78.22	56.37	18.58	0.00
Start of Calendar Year 01-02-2024	2.77	97.23	83.41	65.09	35.18	0.00
Start of Water Year 09-26-2023	0.01	99.99	95.65	67.41	25.00	1.17
One Year Ago 05-16-2023	45.62	54.38	25.78	2.44	0.65	0.00

Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

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National Drought Mitigation Center



droughtmonitor.unl.edu

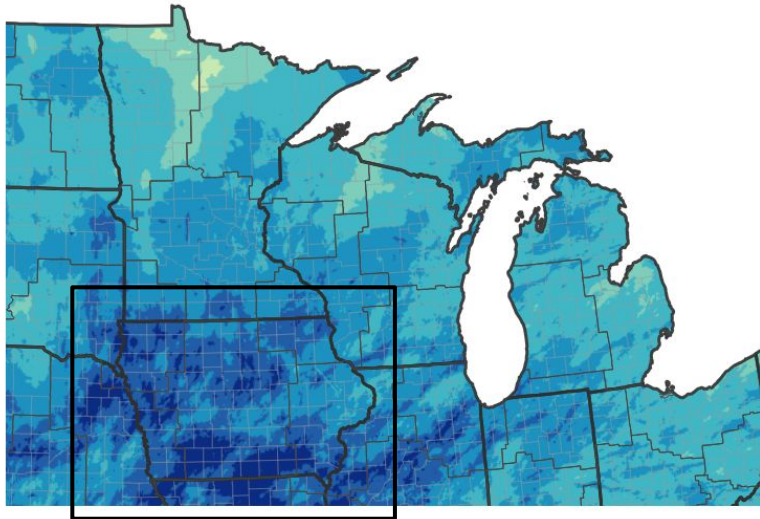




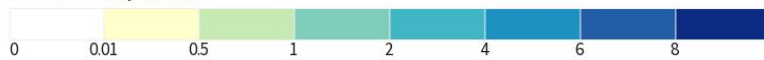
Precipitation

Precipitation across Iowa and the Upper Midwest

30-Day Precipitation Accumulations (Inches)

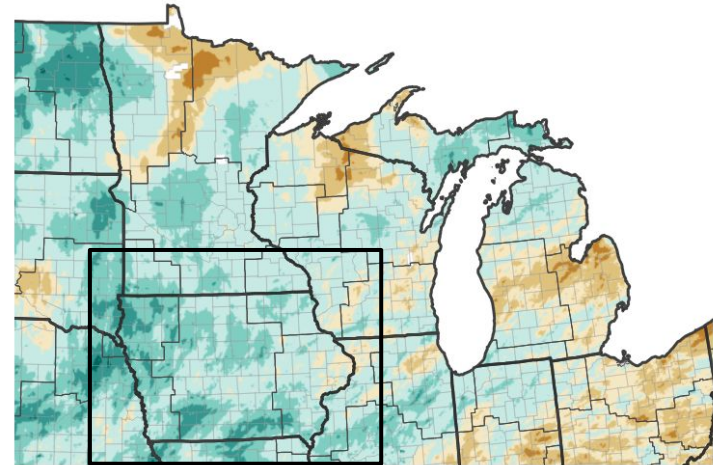


Inches of Precipitation

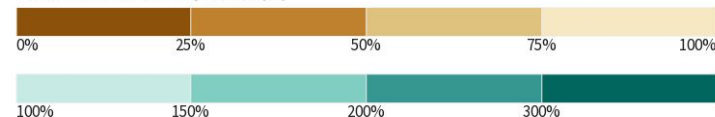


Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 05/16/24
image courtesy of Drought.gov

30-Day Percent of Normal Precipitation



Percent of Normal Precipitation (%)



Source(s): National Weather Service Multi-Radar Multi-Sensor System; Last Updated: 05/16/24
image courtesy of Drought.gov

- 30-Day precipitation across Iowa has been relatively generous with most locations seeing 4 to 8 inches of rainfall. These amounts range from 100 to 250% above normal for this 30-Day period.





Summary of Impacts

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

Hydrologic Impacts

- There has been much improvement across all river basins in the state over the past month given the generous rainfall. Most basins across the state are running at or above normal for this time of year. Additional information from the USGS may be found [here](#).

Agricultural Impacts

- There are no known impacts at this time. USDA Iowa Crop Progress and Condition reports may be found [here](#).

Fire Hazard Impacts

- One burn ban remains in effect in far western Iowa. Current burn bans from the State Fire Marshal are available [here](#).

Other Impacts

- There are no other impacts known impacts at this time.

Mitigation Actions

- None reported. For additional information or to report your drought impacts, please visit the NWS Des Moines Drought Decision Support page [here](#).

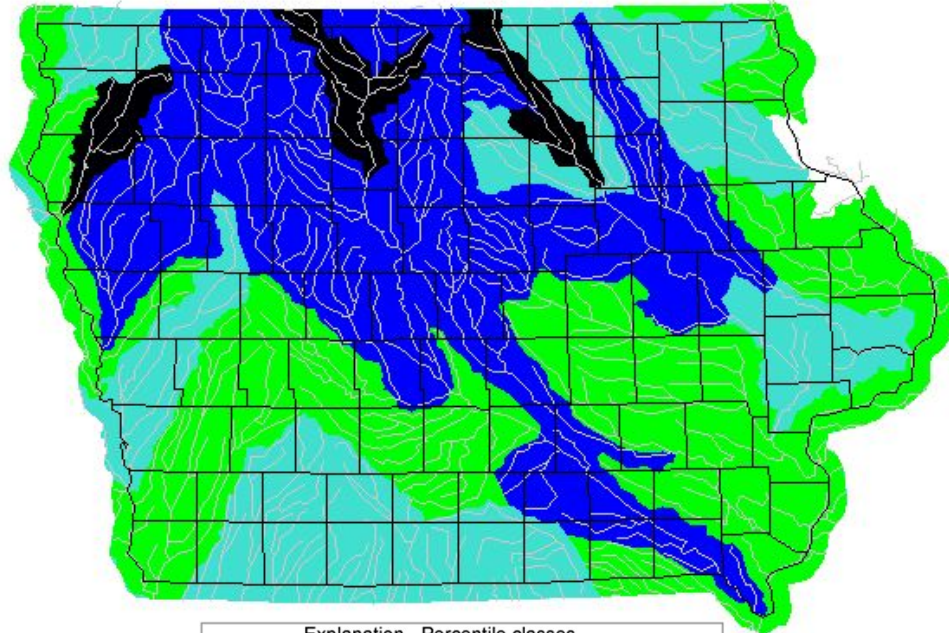




Hydrologic Conditions and Impacts

- Recent rainfall has led to the recovery of river basins across Iowa. All basins within the state are either at or above normal flow for this time of year.

Wednesday, May 15, 2024



USGS

Explanation - Percentile classes							
Low	<10	10-24	25-75	76-90	>90	High	No Data
	Much below normal	Below normal	Normal	Above normal	Much above normal		

Image Caption: USGS 7 day average streamflow map valid May 15, 2024

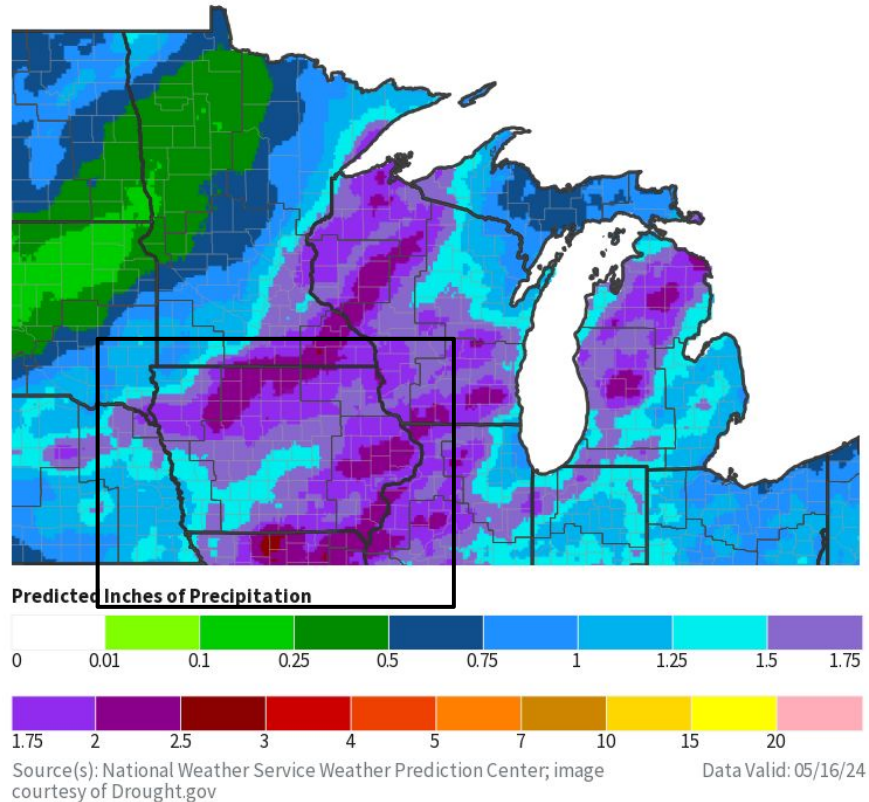




Seven Day Precipitation Forecast

- Rainfall over the next week appears to remain at or above normal with several system affecting the state of Iowa. In general, the state is expected to receive from 1 to 2 inches over the next 7 days (thru May 23) with locally higher amounts.

7-Day Quantitative Precipitation Forecast



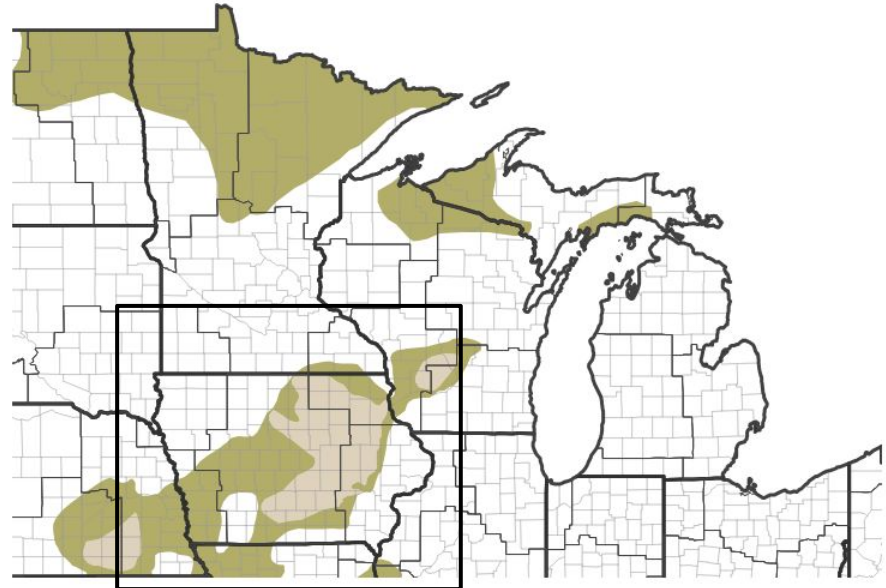


Drought Outlook

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

- Improvements are expected to persist over much of Iowa as rainfall continues into the upcoming weeks.

1-Month Drought Outlook



Drought Is Predicted To...



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

Data Valid: 04/30/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

