



Drought Information Statement for Central Iowa

Valid February 1, 2024

Issued By: NWS Des Moines

Contact Information: nws.desmoines@noaa.gov

- This product will be updated March 1, 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.



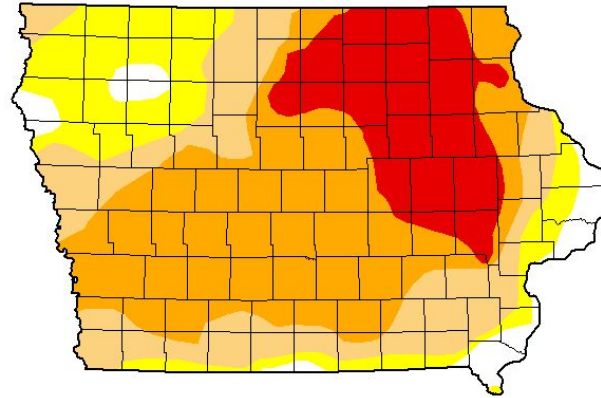


U.S. Drought Monitor

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

- An area of improvement occurred across portions of central and southeast Iowa. However, much of the state remained unchanged.
- Drought intensity and Extent
 - D3 (Extreme Drought): Large portions of Northeast into East Central Iowa.
 - D2 (Severe Drought): Surrounds the D3 area and extends across much of Central and Southern Iowa to the west border.
 - D1 (Moderate Drought) and D0 (Abnormally Dry): Most of the rest of the state not already covered by D2, D3 conditions.
 - Portions of far eastern Iowa and small portions of south central and northwest Iowa have no drought conditions.

U.S. Drought Monitor Iowa



January 30, 2024

(Released Thursday, Feb. 1, 2024)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	5.24	94.76	78.41	56.37	18.58	0.00
Last Week 01-23-2024	3.67	96.33	80.08	60.24	24.08	0.00
3 Months Ago 10-31-2023	1.80	98.20	81.34	53.36	23.69	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 01-31-2023	17.06	82.94	54.00	29.43	8.83	0.57

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate Drought	D4 Exceptional Drought

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



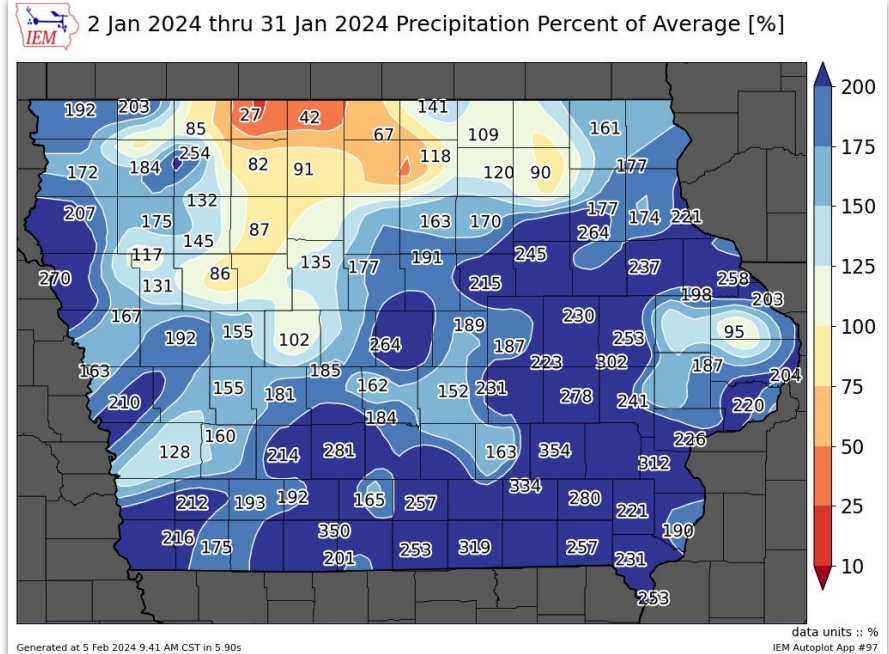
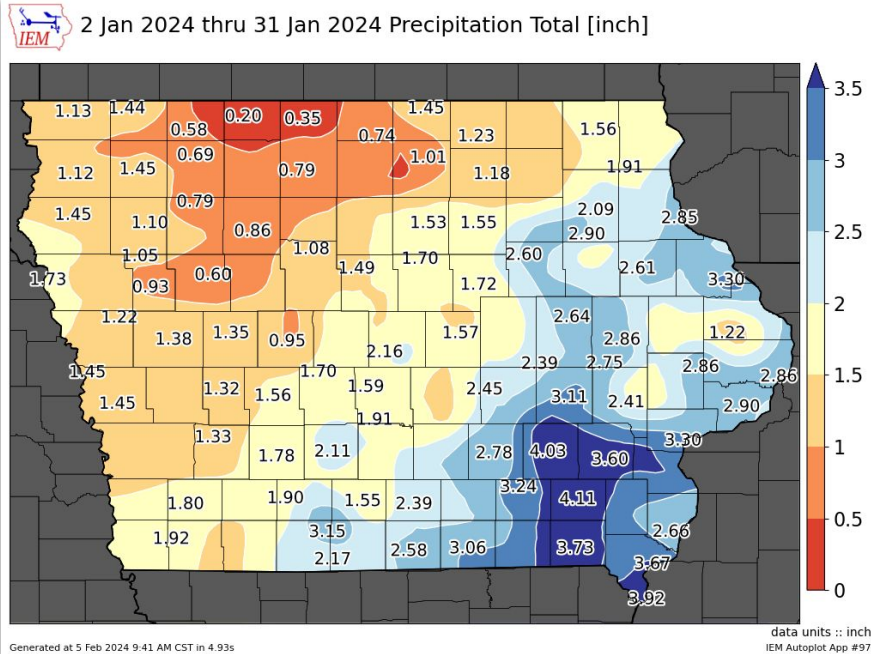
National Oceanic and
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U.S. Department of Commerce

National Weather Service
Des Moines



Recent Precipitation



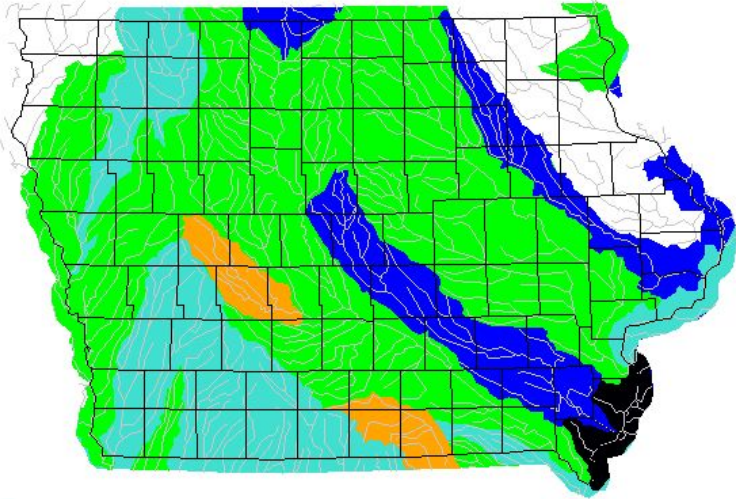
- 30-day precipitation totals ending on January 31st were generally much above normal across Iowa outside portions of northern Iowa. This has helped with some improvement in drought conditions.



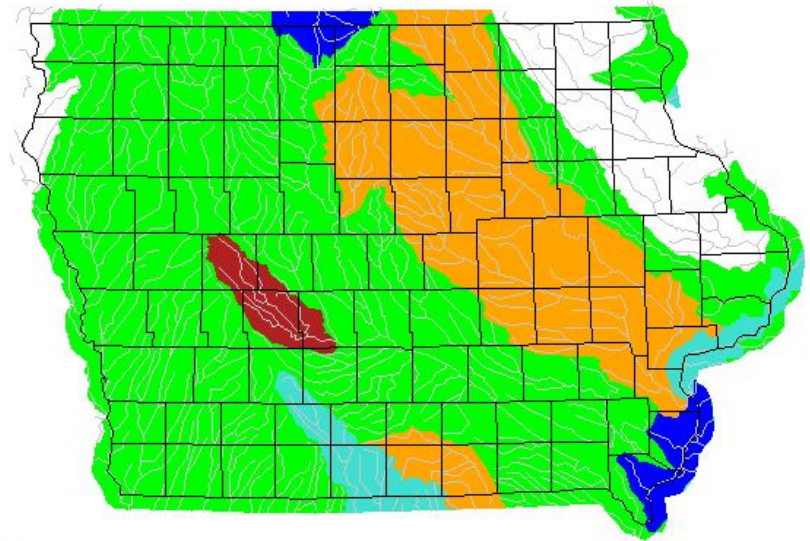


Hydrologic Conditions

Sunday, February 04, 2024



January 2024



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		

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

Image Captions: Left: Iowa streamflow percentiles ending February 4, 2024; Right: Iowa monthly streamflow percentiles for January 2024.





Summary of Impacts

Hydrologic Impacts

- Many river basins across Iowa have below normal flows. Additional information from the USGS may be found [here](#).

Agricultural Impacts

- Agricultural impacts are minimal at this time due to dormant winter conditions. USDA Iowa Crop Progress and Condition reports may be found [here](#).

Fire Hazard Impacts

- A couple of burn bans remain in effect in west central Iowa. Current burn bans from the State Fire Marshal are available [here](#).

Other Impacts

- Most of Iowa is experiencing drought conditions and low streamflows. Conditions are expected to persist through the winter. Water restrictions are in effect for a number of communities.

Additional Information

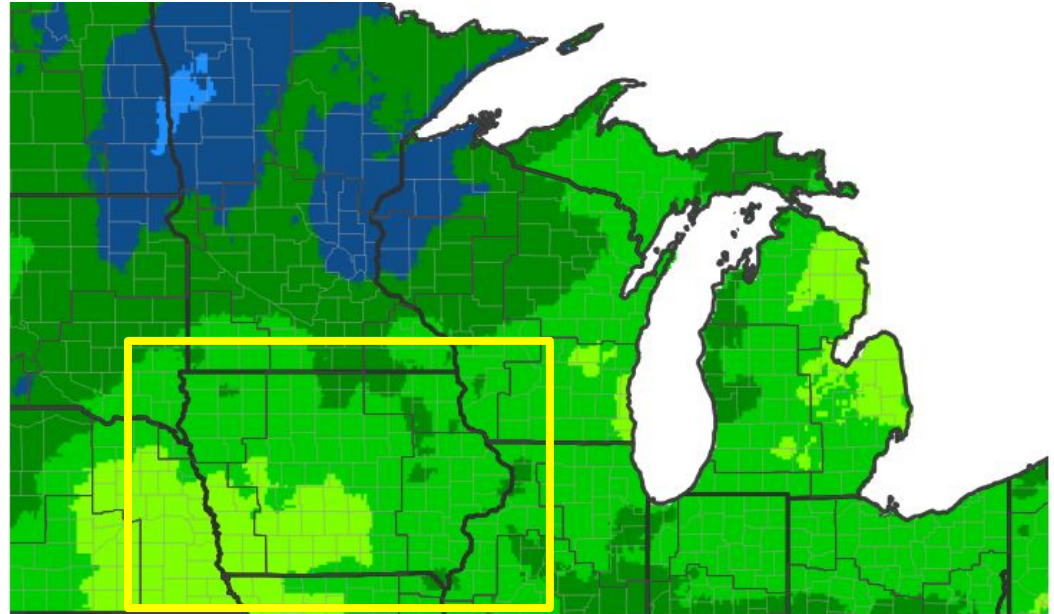
- For additional information or to report your drought impacts, please visit the NWS Des Moines Drought Decision Support page [here](#).





Seven Day Precipitation Forecast

- Light to moderate precipitation is expected at various times during the 7 day outlook. Some melting is also expected as temperatures warm above freezing next week.



Predicted Inches of Precipitation



Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Monday February 5 to Sunday February 11, 2024

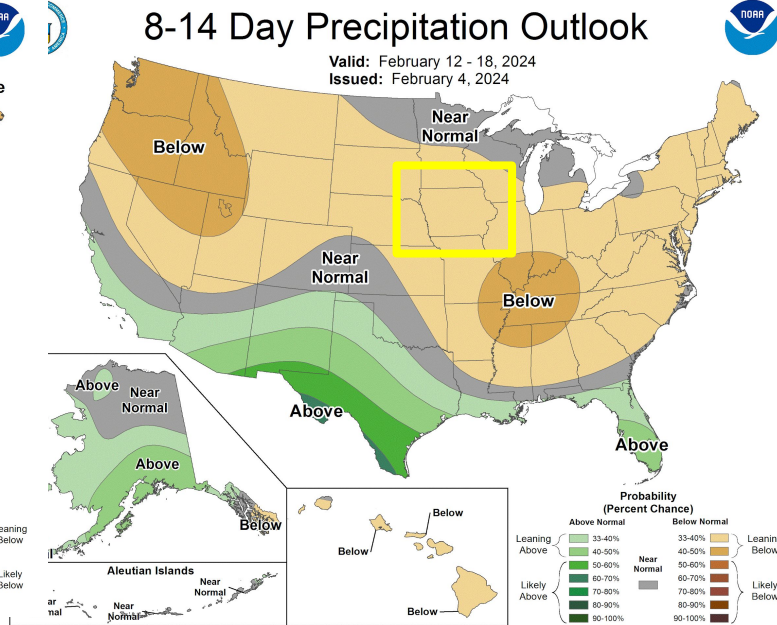
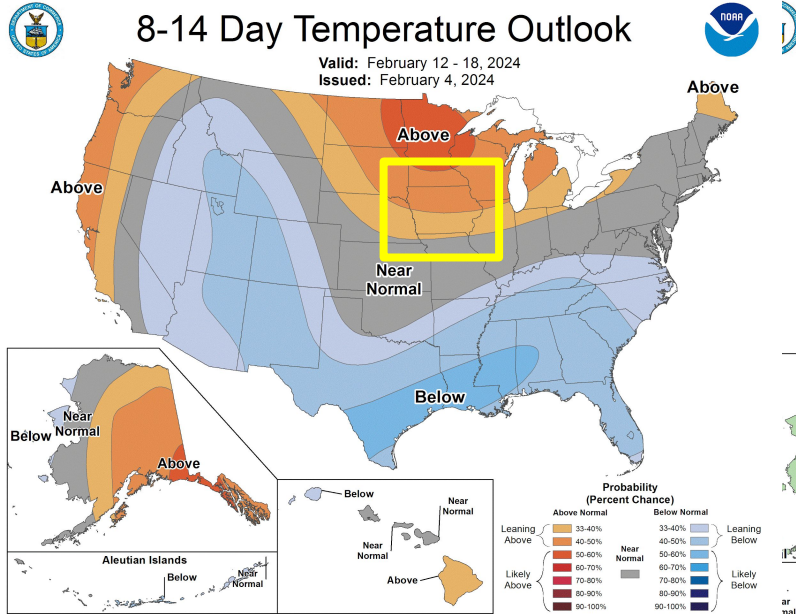




Near Term Outlook

Links to the latest Climate Prediction Center 8 to 14 day [U.S. Hazards Outlook](#).

- The 8 to 14 day outlook indicates a higher probability of above normal temperatures across Iowa as well as trending below normal with regards to precipitation.

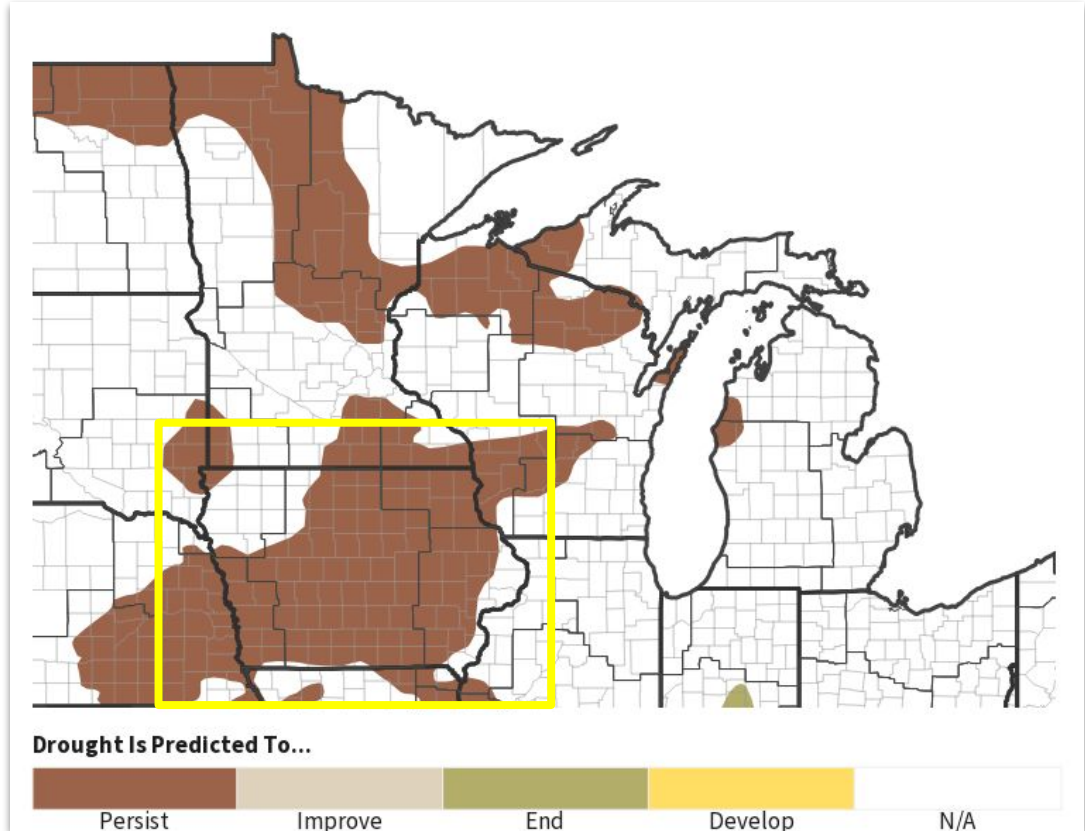




Drought Outlook

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

- Drought conditions are expected to persist across Iowa through the end of February.



Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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