



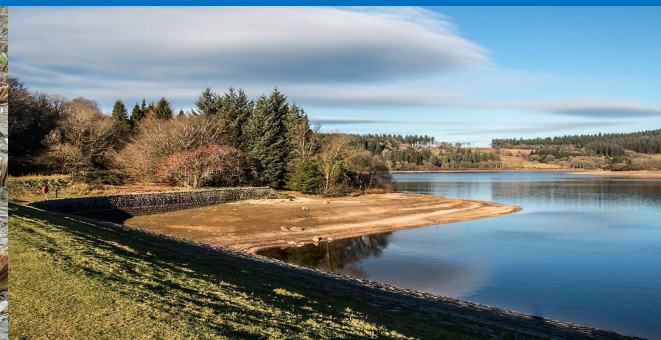
Drought Information Statement for Central Iowa

Valid January, 18, 2024

Issued By: NWS Des Moines

Contact Information: nws.desmoines@noaa.gov

- This product will be updated February 15, 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.



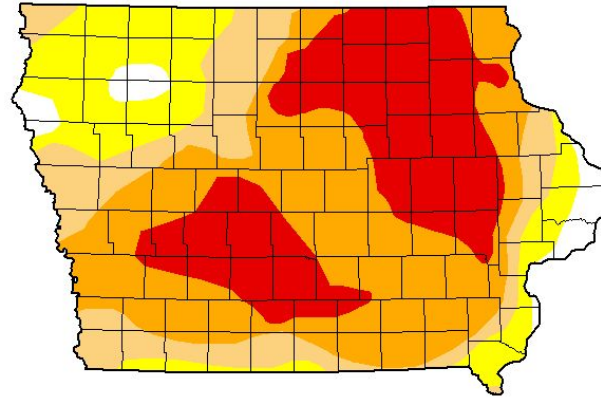


U.S. Drought Monitor

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

- An area of improvement occurred across portions of southeast Iowa. However, much of the state remained unchanged given the cold temperatures and frozen ground conditions.
- Drought intensity and Extent
 - D3 (Extreme Drought): Large portions of Northeast into East Central and portions of South Central into Central and West Central Iowa.
 - D2 (Severe Drought): Surrounds the D3 area and extends across much of Southern into West Central Iowa.
 - D1 (Moderate Drought) and D0 (Abnormally Dry): Most of the rest of the state not already covered by D2, D3 conditions.
 - Only the far eastern tip and portions of northwest Iowa have no drought conditions.

U.S. Drought Monitor Iowa



January 16, 2024

(Released Thursday, Jan. 18, 2024)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	3.69	96.31	80.05	63.04	27.80	0.00
Last Week 01-09-2024	2.77	97.23	83.41	65.09	34.62	0.00
3 Months Ago 10-17-2023	0.03	99.97	93.57	58.45	23.78	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 01-17-2023	17.00	83.00	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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NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu



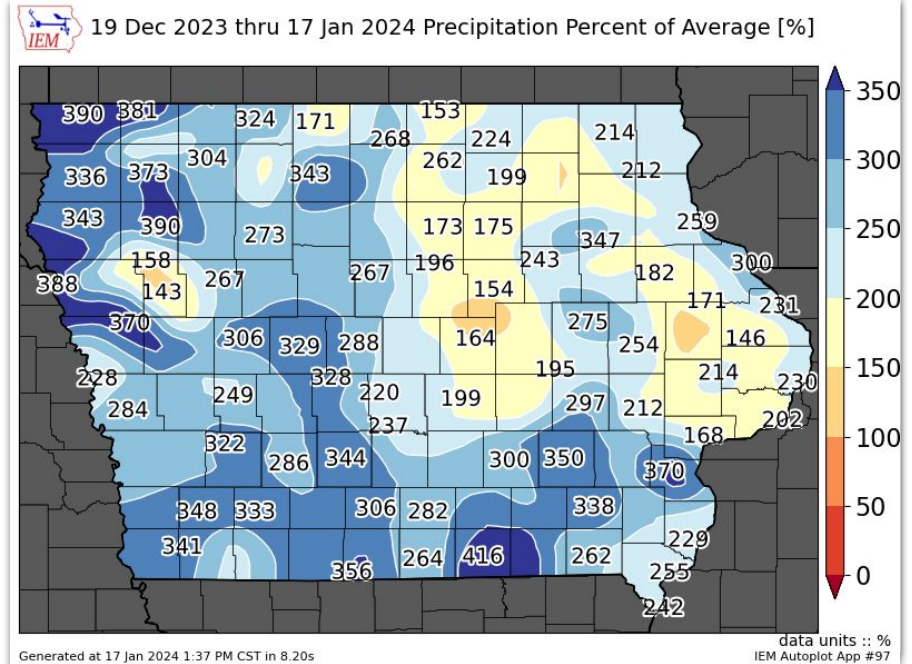
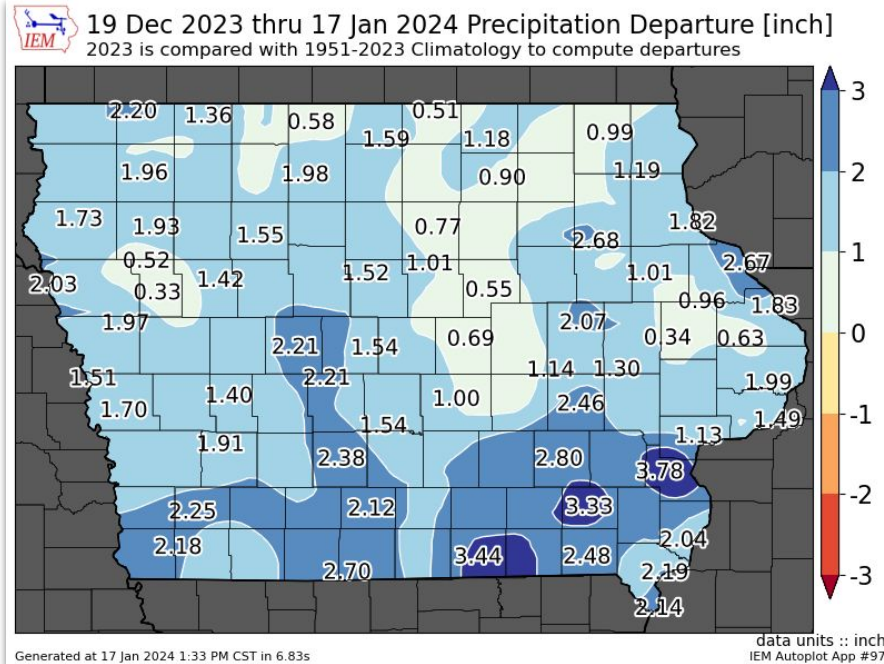
National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Des Moines



Recent Precipitation

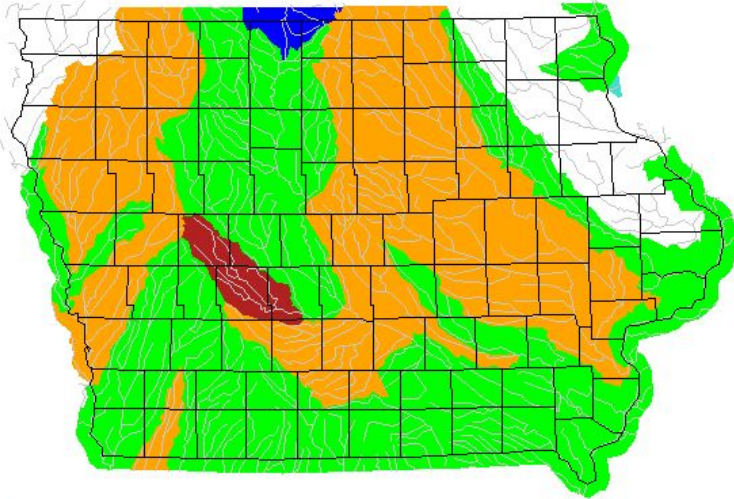


- 30-day precipitation totals ending on January 17th were generally much above normal across Iowa, particularly in the south and west. While there was generous rainfall around Christmas time, the bulk of precipitation since has been snow which has done little to replenish soil moisture.

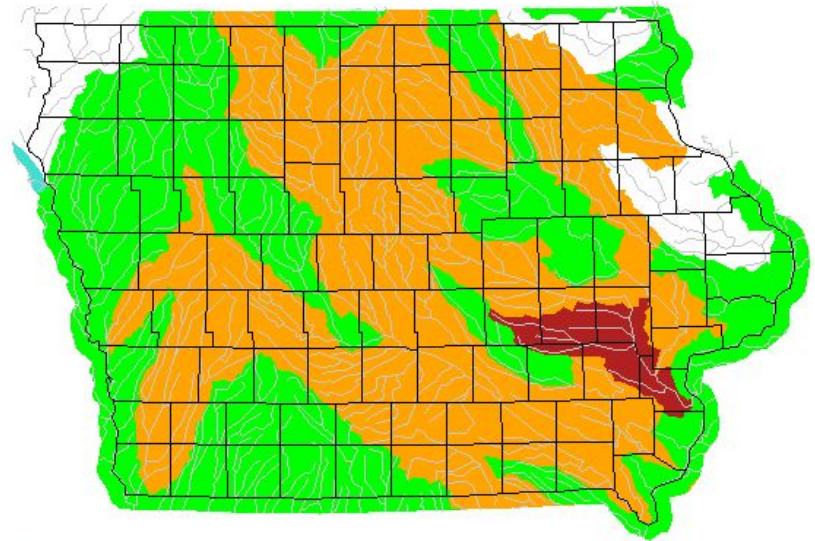


Hydrologic Conditions

Hednesday, January 17, 2024



December 2023



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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Image Captions: Left: Iowa streamflow percentiles ending January 17, 2024; Right: Iowa monthly streamflow percentiles for December 2023.





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

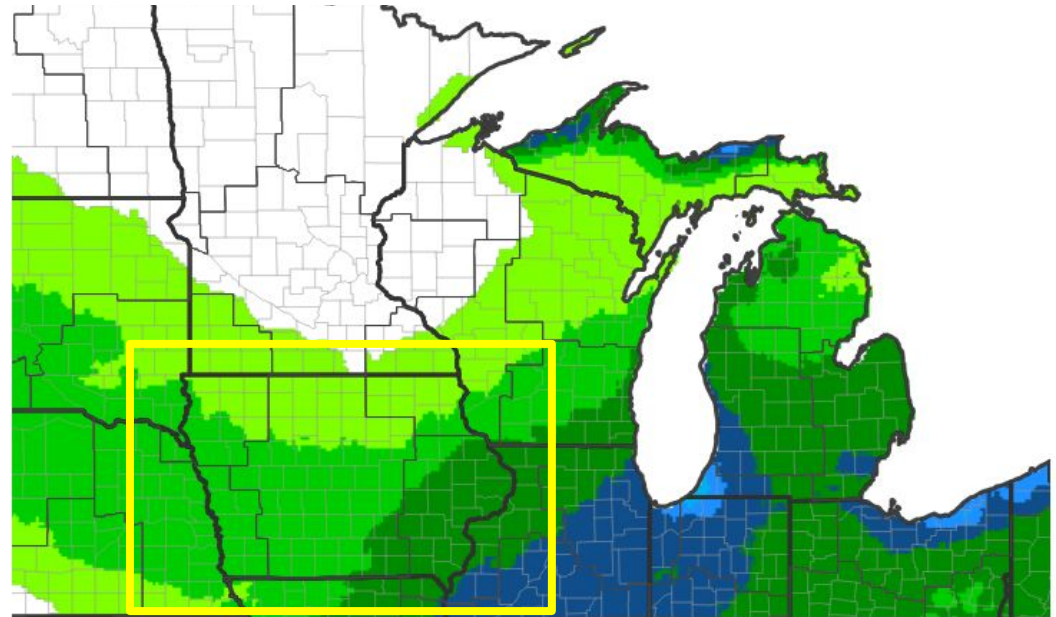
- For additional information or to report your drought impacts, please visit the NWS Des Moines Drought Decision Support page [here](#).





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 Thursday December 21 to Wednesday December 27, 2023





Near Term Outlook

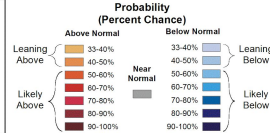
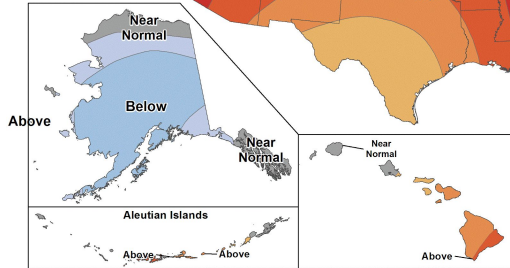
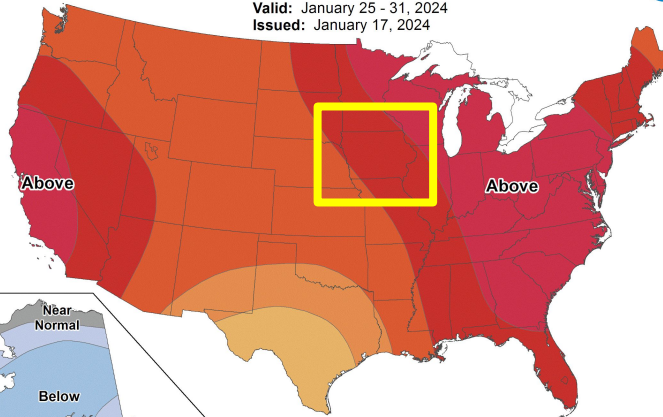
Links to the latest Climate Prediction Center 8 to 14 day [U.S. Hazards Outlook](#).

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



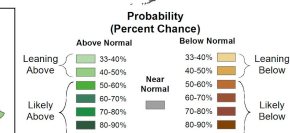
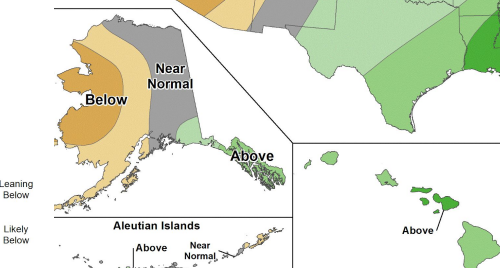
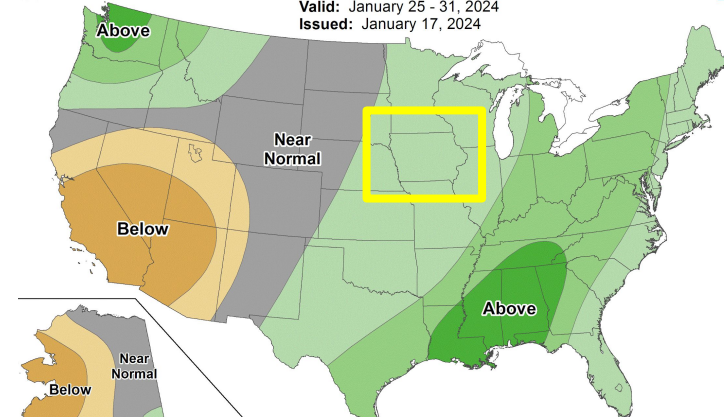
8-14 Day Temperature Outlook

Valid: January 25 - 31, 2024
Issued: January 17, 2024



8-14 Day Precipitation Outlook

Valid: January 25 - 31, 2024
Issued: January 17, 2024

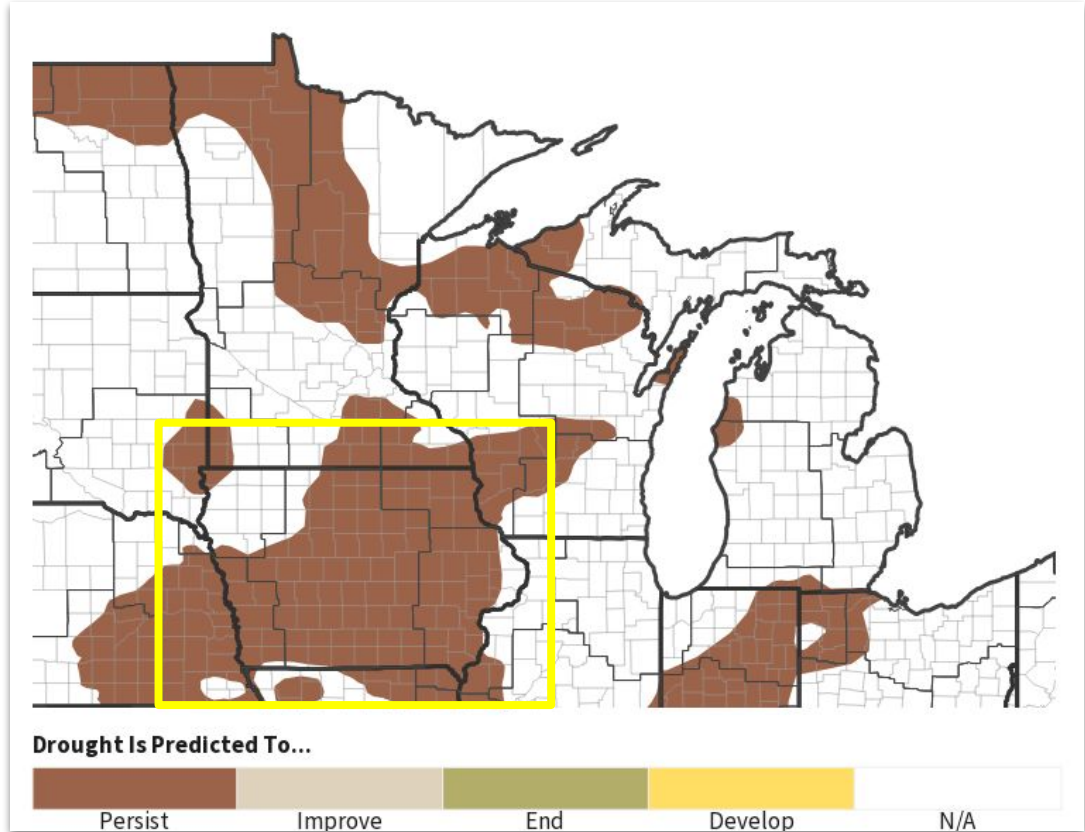




Drought Outlook

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 January.



Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



National Oceanic and
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