



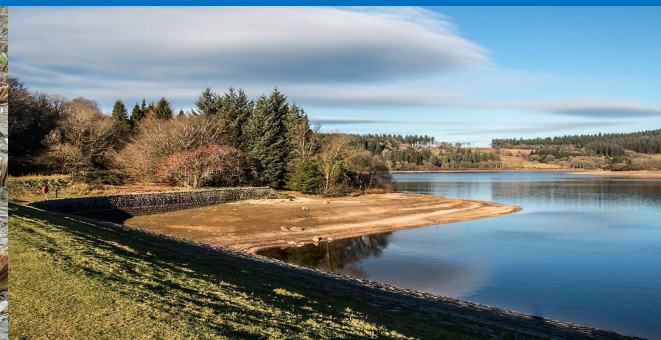
Drought Information Statement for Central Iowa

Valid December, 21, 2023

Issued By: NWS Des Moines

Contact Information: nws.desmoines@noaa.gov

- This product will be updated January 18, 2023 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.



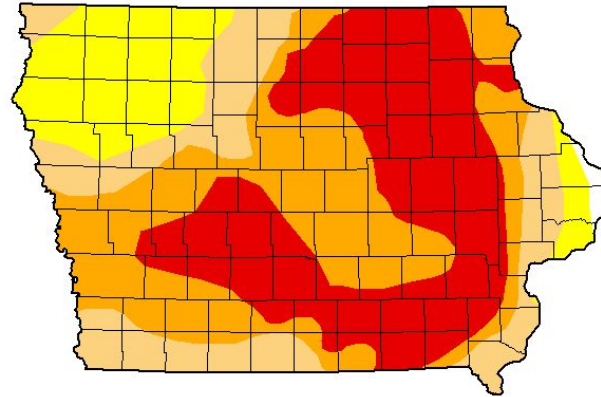


U.S. Drought Monitor

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

- An area of degradation occurred across portions of central Iowa into west central Iowa.
- Drought intensity and Extent
 - D3 (Extreme Drought): Large portions of Eastern, and Southeast and 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 of Iowa has no drought conditions.

U.S. Drought Monitor Iowa



December 19, 2023

(Released Thursday, Dec. 21, 2023)

Valid 7 a.m. EST

Drought Conditions (Percent Area)

| | None | D0-D4 | D1-D4 | D2-D4 | D3-D4 | D4 |
|---|-------|-------|-------|-------|-------|------|
| Current | 0.71 | 99.29 | 84.33 | 65.83 | 35.18 | 0.00 |
| Last Week 12-12-2023 | 0.57 | 99.43 | 84.33 | 62.08 | 27.47 | 0.00 |
| 3 Months Ago 09-19-2023 | 0.19 | 99.81 | 96.59 | 72.99 | 25.51 | 4.96 |
| Start of Calendar Year 01-03-2023 | 10.69 | 89.31 | 66.66 | 29.43 | 8.83 | 0.57 |
| Start of Water Year 09-26-2023 | 0.01 | 99.99 | 95.65 | 67.41 | 25.00 | 1.17 |
| One Year Ago 12-20-2022 | 9.52 | 90.48 | 66.66 | 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



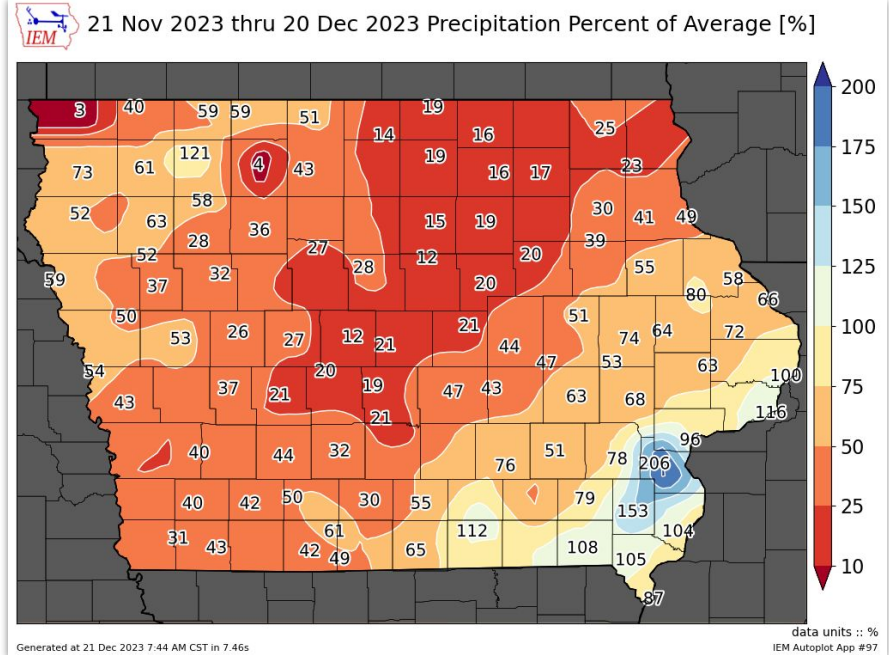
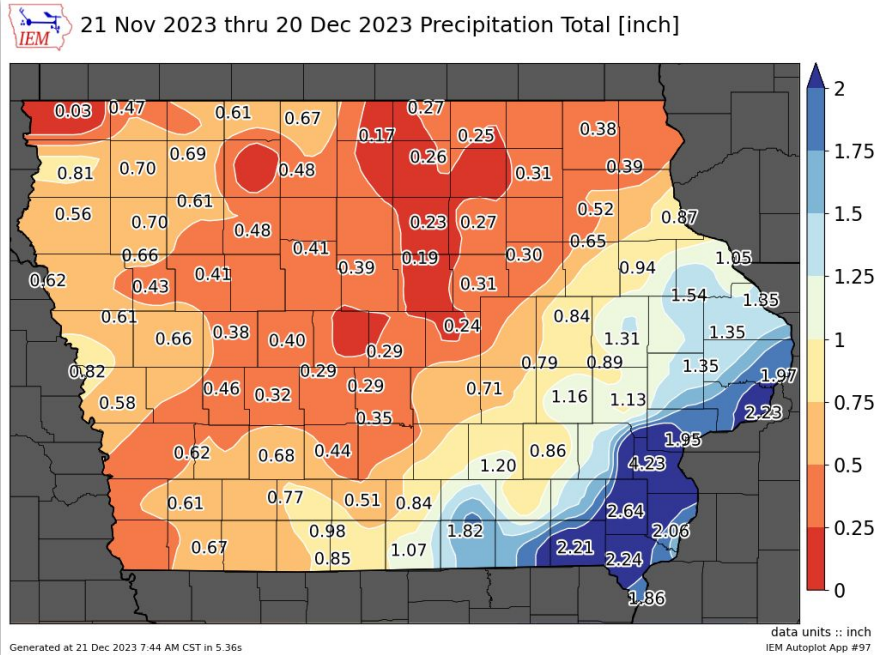
National Oceanic and
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U.S. Department of Commerce

National Weather Service
Des Moines



Recent Precipitation



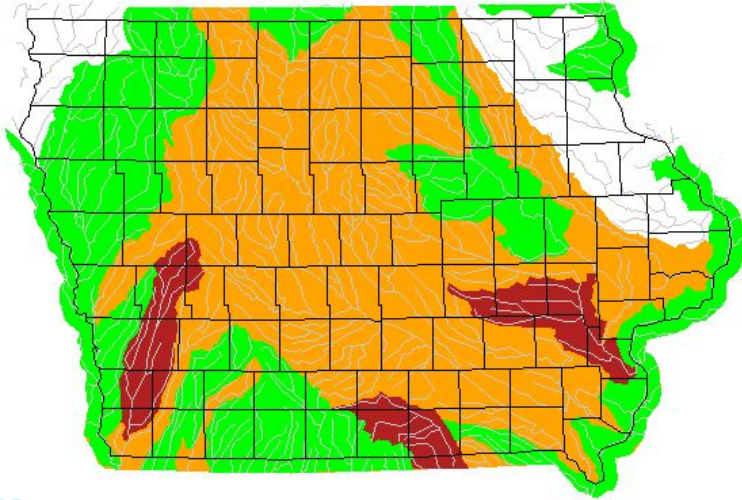
- 30-day precipitation totals ending on December 20th were well below normal for much of Iowa, particularly in a swath from northeast through central to southwest Iowa where the percent of average rainfall is 40% or below. There is a small area of above normal rainfall in the southeast.



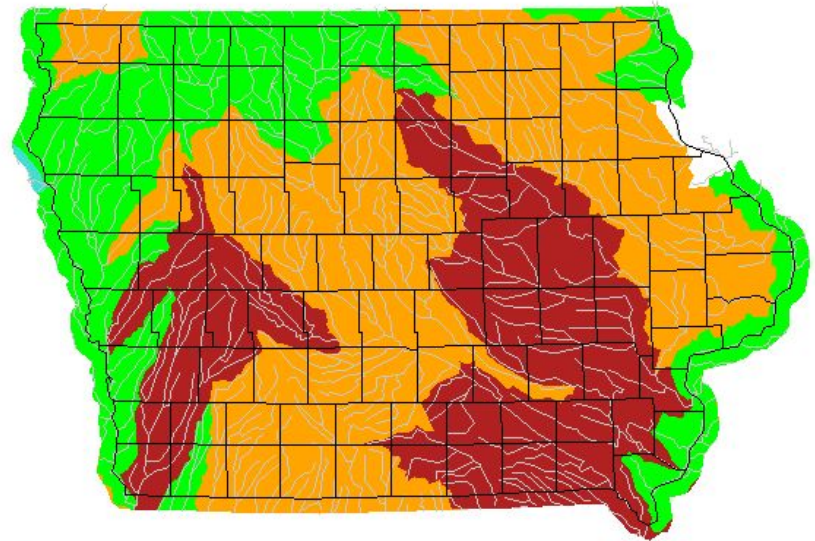


Hydrologic Conditions

Hednesday, December 20, 2023



November 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 | | |

| 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 Captions: Left: Iowa streamflow percentiles ending December 20, 2023; Right: Iowa streamflow percentiles for November 2023.





Summary of Impacts

Hydrologic Impacts

- Many river basins across eastern and southern Iowa are at flows far below normal. 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 few burn bans remain in effect, mainly in west central Iowa with one in south 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 this winter. Water restrictions are in effect for a growing number of communities.

Additional Information

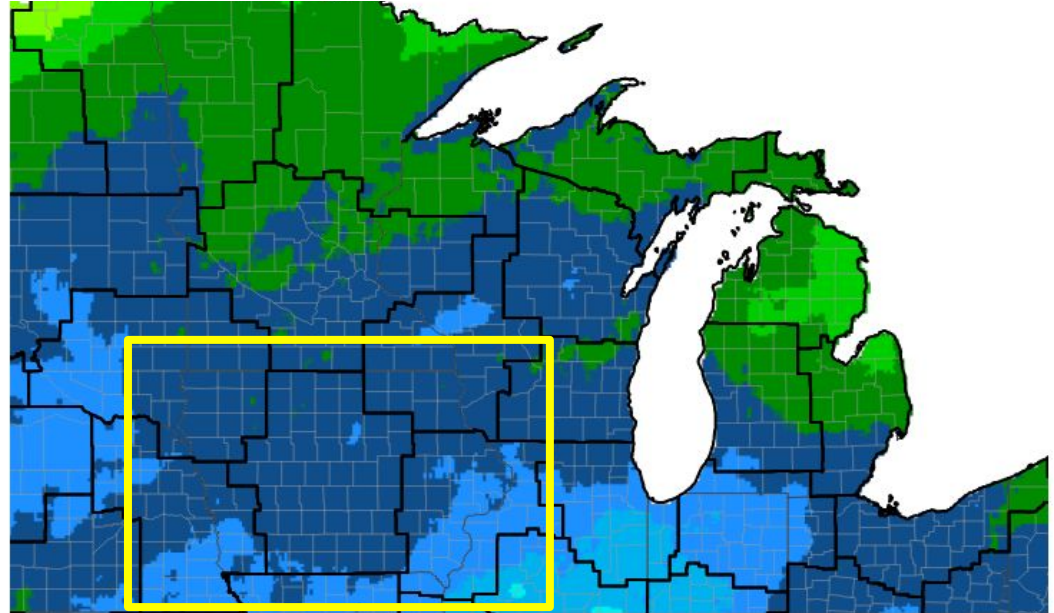
- For additional information or to report your drought impacts, please visit the NWS Des Moines Drought Decision Support page [here](#).





Seven Day Precipitation Forecast

- Moderate to even locally heavy rain is becoming more likely around Christmas Time with widespread rainfall over one half inch to an inch across much of Iowa.



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

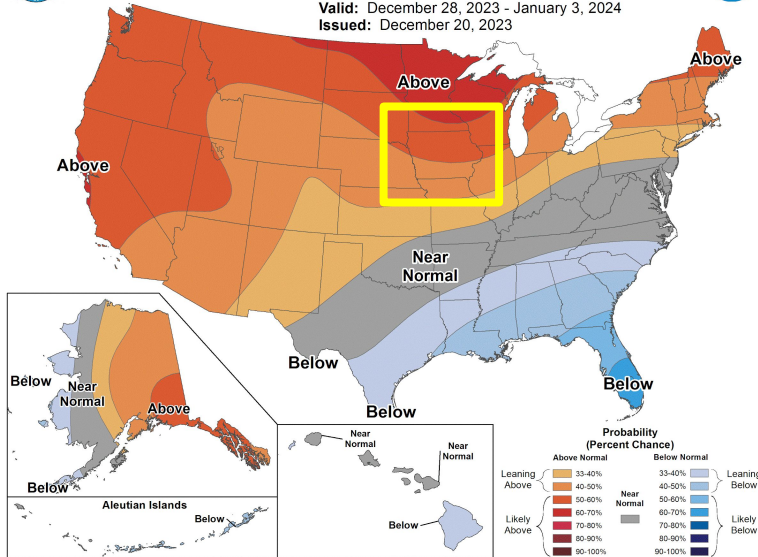
Links to the latest Climate Prediction Center 8 to 14 day [U.S. Hazards Outlook](#).

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



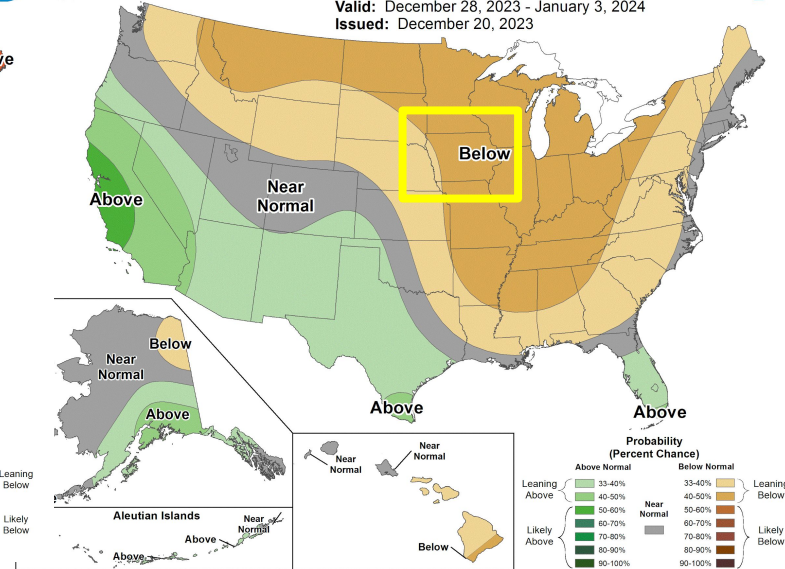
8-14 Day Temperature Outlook

Valid: December 28, 2023 - January 3, 2024
Issued: December 20, 2023



8-14 Day Precipitation Outlook

Valid: December 28, 2023 - January 3, 2024
Issued: December 20, 2023

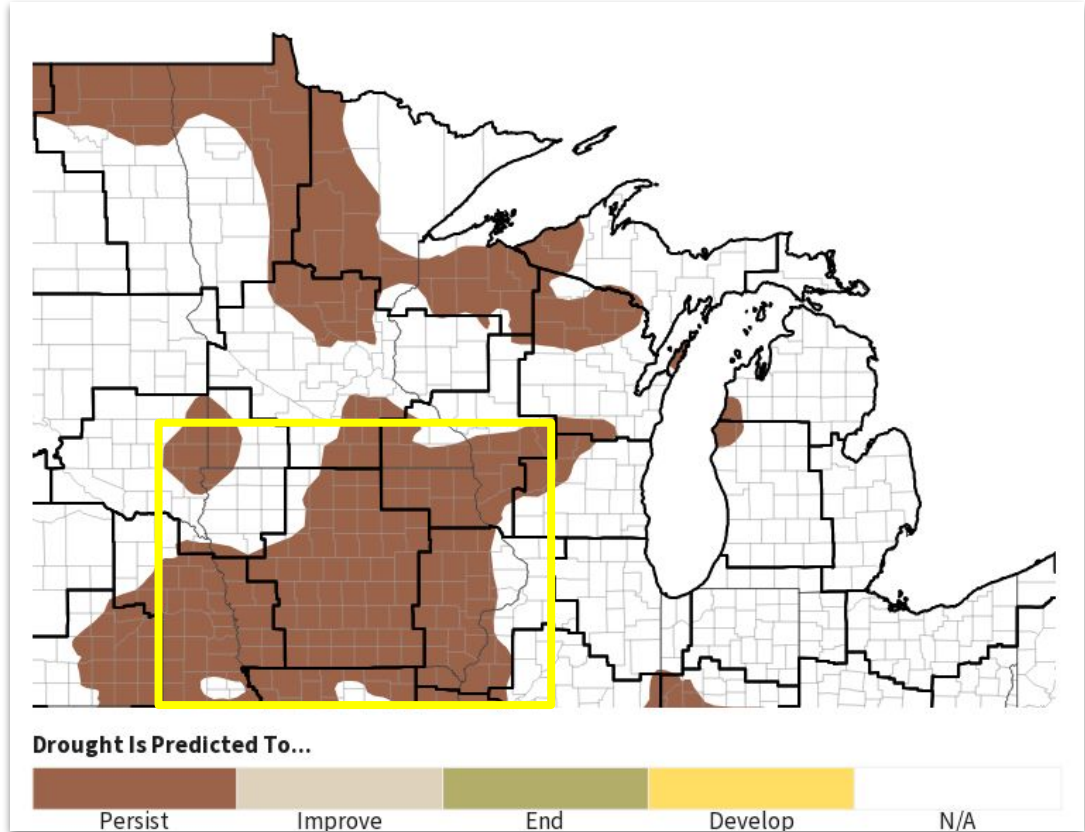




Drought Outlook

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 December.



Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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