



Drought Information Statement for Central Iowa

Valid October 5, 2023

Issued By: NWS Des Moines

Contact Information: nws.desmoines@noaa.gov

- This product will be updated November 2, 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

- Drought conditions remained mostly the same across western and central Iowa with some degradation in the east.
- Drought intensity and Extent
 - D4 (Exceptional Drought): A small area from near Tama to Cedar Rapids.
 - D3 (Extreme Drought): Much of Northeast into East Central and Southeast Iowa.
 - D2 (Severe Drought): Much of central into west central Iowa.
 - D1 (Moderate Drought) and D0 (Abnormally Dry): The rest of the state not already covered by D2, D3 or D4 conditions.

U.S. Drought Monitor Iowa

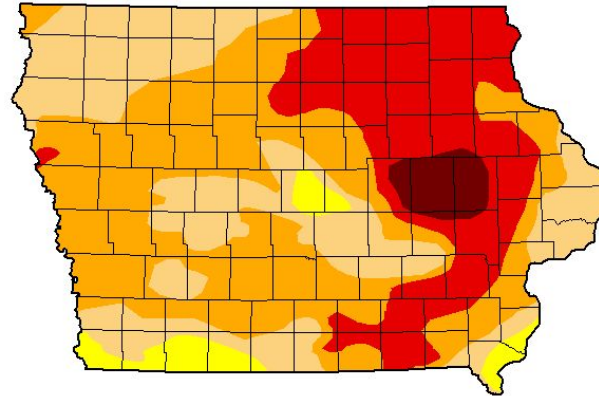


Image Caption: U.S. Drought Monitor valid 7am CDT October 3rd.

October 3, 2023
(Released Thursday, Oct. 5, 2023)
Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	95.75	67.41	27.35	3.07
Last Week 09-26-2023	0.01	99.99	95.65	67.41	25.00	1.17
3 Months Ago 07-04-2023	0.48	99.52	86.98	43.52	4.71	0.00
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 10-04-2022	15.36	84.64	51.61	25.21	5.07	0.02

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>

Author:

Brad Pugh
CPC/NOAA

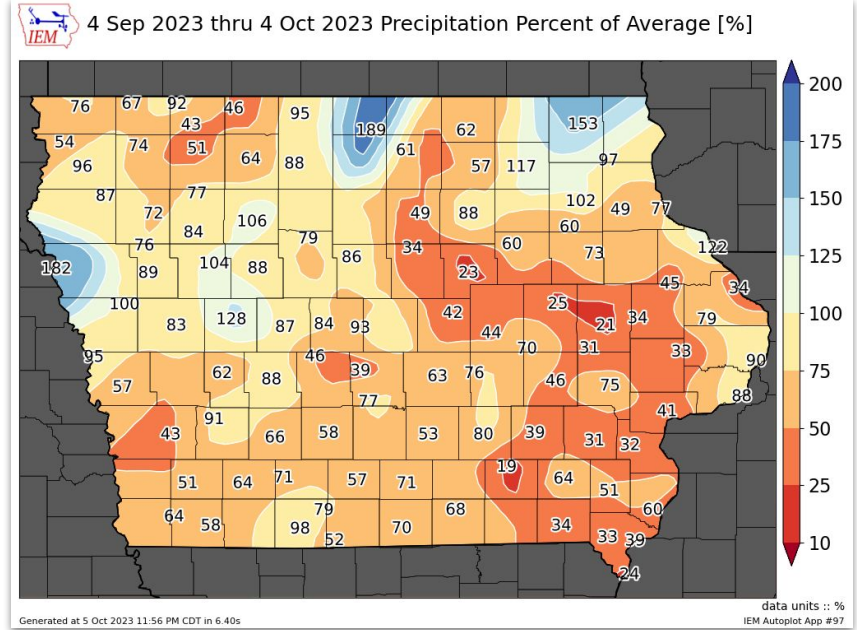
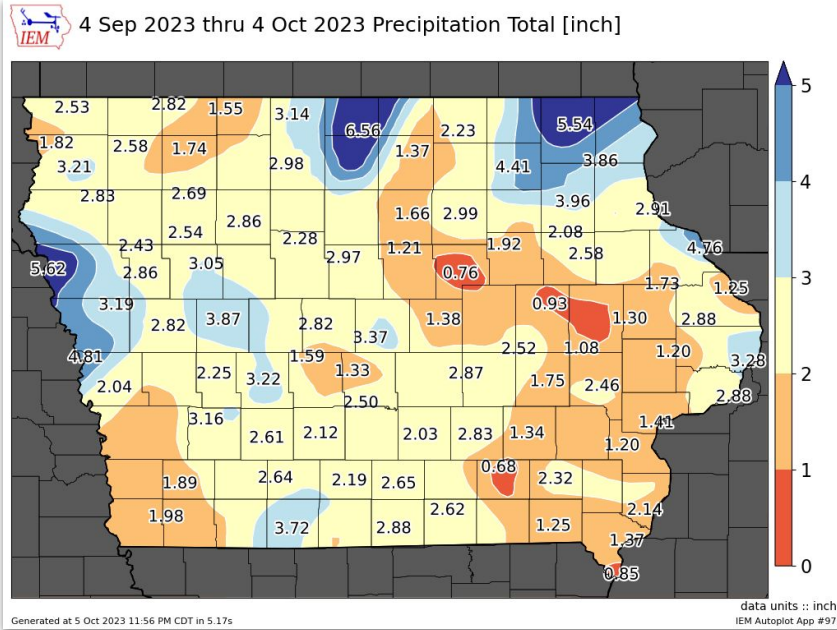


droughtmonitor.unl.edu





Recent Precipitation



- 30-day precipitation totals remain below normal across much of Iowa. The largest deficits remain in portions of eastern into southeast Iowa.

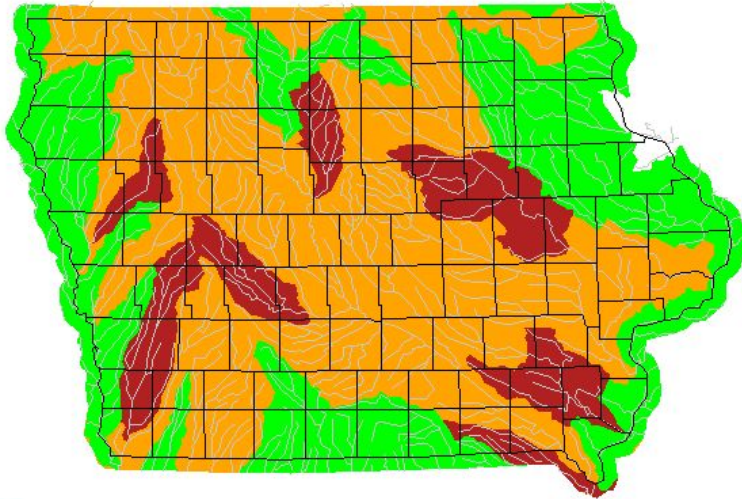
Image Captions:
 Left - 30 Day Precipitation Amounts for Iowa
 Right - 30 Day Percent of Normal Precipitation for Iowa
 Data Courtesy Iowa Environmental Mesonet.
 Data over the past 30 days ending October 4, 2023



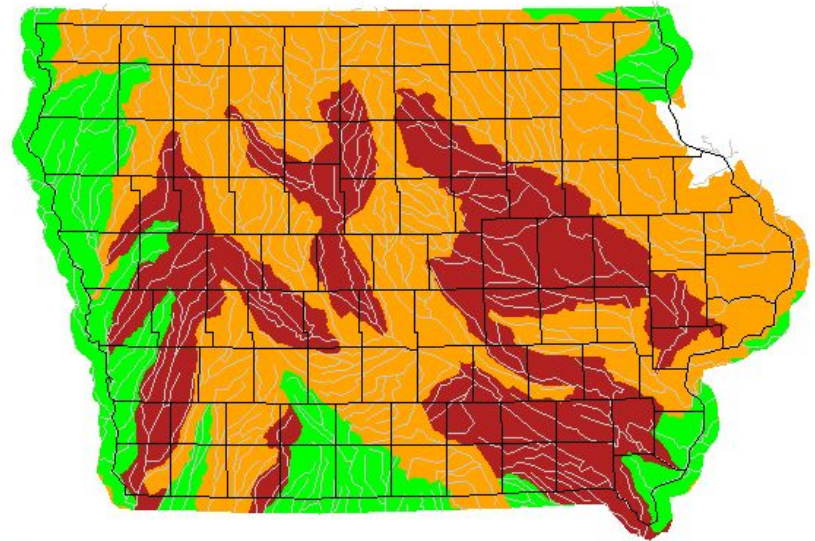


Hydrologic Conditions

Hednesday, October 04, 2023



September 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 October 4, 2023; right: Iowa streamflow percentiles for September 2023.





Summary of Impacts

Hydrologic Impacts

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

Agricultural Impacts

- USDA Iowa Crop Progress and Condition reports may be found [here](#).

Fire Hazard Impacts

- Multiple burn bans are in effect, mainly from west central into northern Iowa. Current burn bans from the State Fire Marshal are available [here](#). Impacts may worsen as fuels cure into autumn.

Other Impacts

- Most of Iowa is experiencing drought conditions and low streamflows. Conditions are expected to persist or worsen heading into the fall.

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

- Conditions will be relatively dry into early next week across Iowa but there will be an increasing threat for precipitation toward the later half of next week.

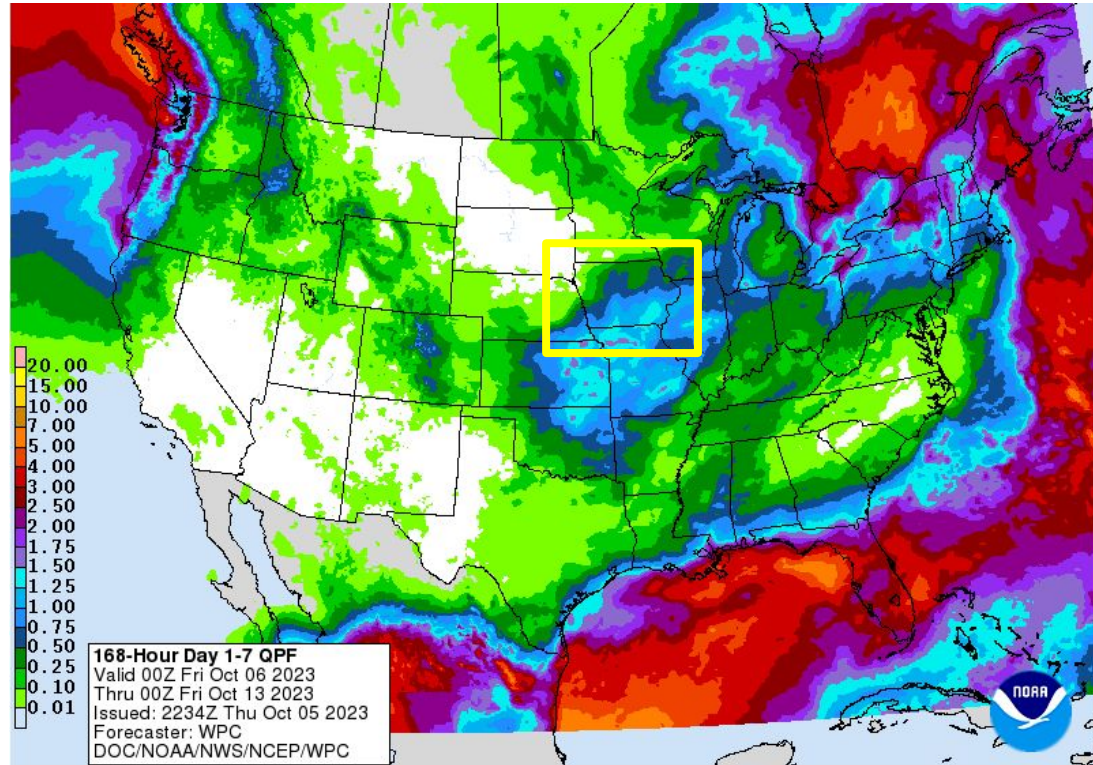


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thursday October 6 to Thursday October 13, 2023





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 better chance of normal to above normal temperatures with a slightly better threat of below normal precipitation across Iowa.

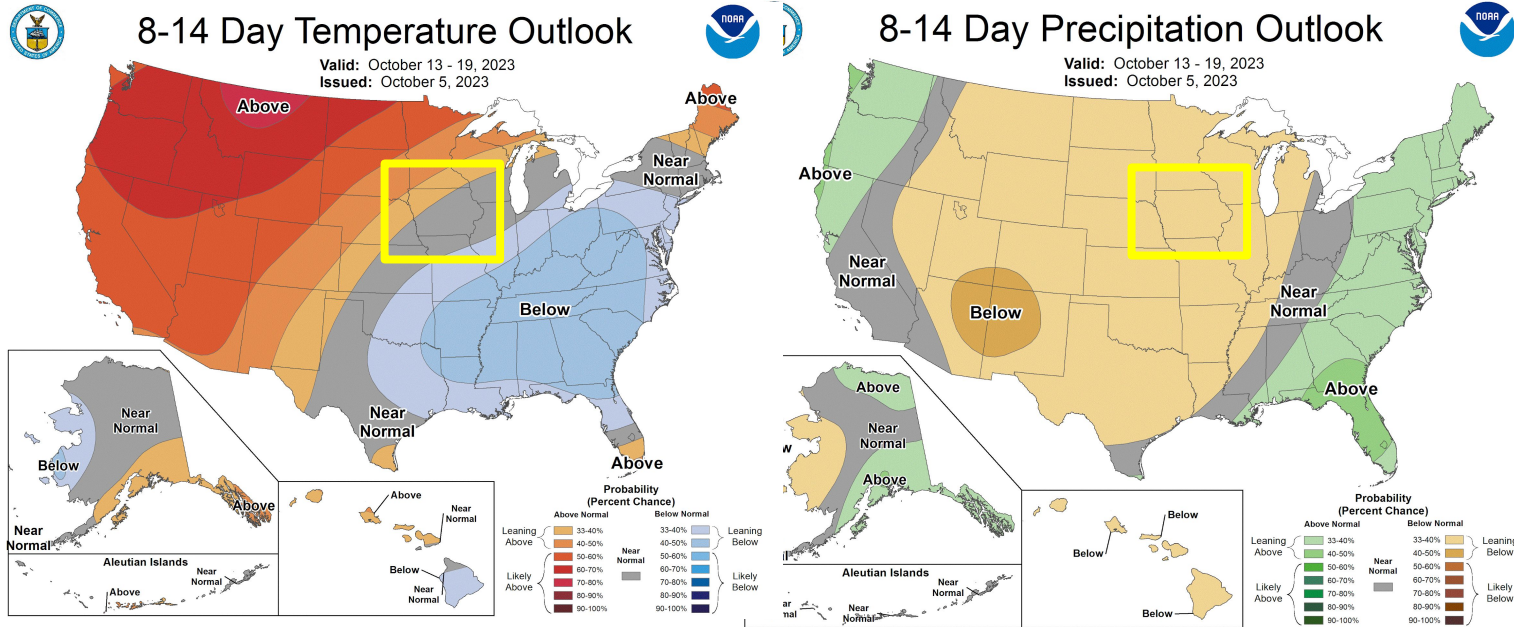


Image Caption: Days 8 to 14 [Temperature](#) and [Precipitation](#) Outlook Valid October 13 to October 19, 2023



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 October.

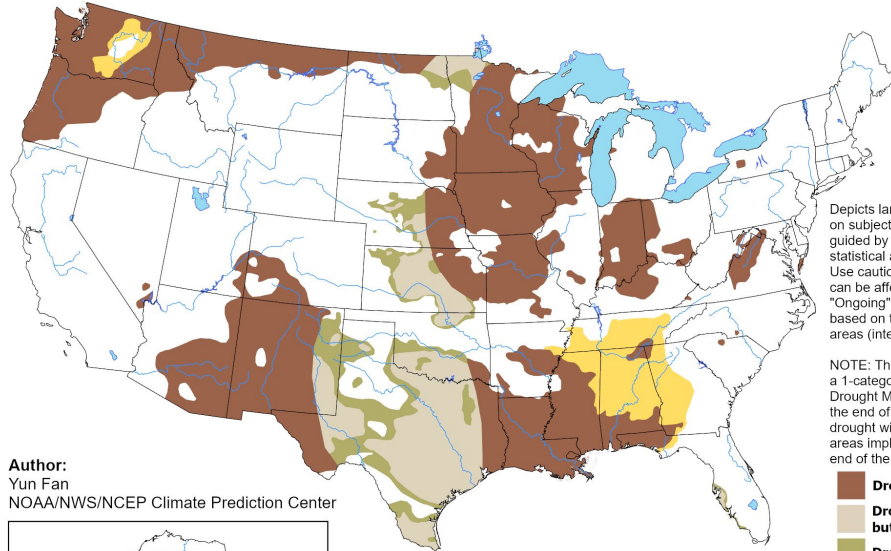
Image Caption:
 Climate Prediction Center Monthly Drought Outlook
 Released September 30, 2023 valid for October 2023

Links to the latest:
[Climate Prediction Center Monthly Drought Outlook](#)
[Climate Prediction Center Seasonal Drought Outlook](#)

U.S. Monthly Drought Outlook

Drought Tendency During the Valid Period

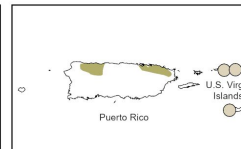
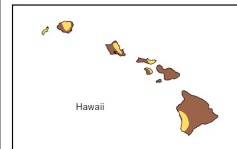
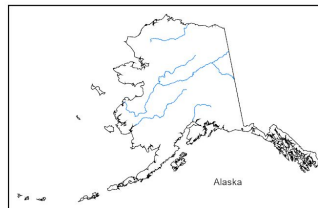
Valid for October 2023
 Released September 30, 2023



Depicts large-scale trends based on subjectively derived probabilities guided by short- and long-range statistical and dynamical forecasts. Use caution for applications that can be affected by short lived events. "Ongoing" drought areas are based on the U.S. Drought Monitor areas (intensities of D1 to D4).

NOTE: The tan areas imply at least a 1-category improvement in the Drought Monitor intensity levels by the end of the period, although drought will remain. The green areas imply drought removal by the end of the period (D0 or none).

Author:
 Yun Fan
 NOAA/NWS/NCEP Climate Prediction Center



- Drought persists
- Drought remains, but improves
- Drought removal likely
- Drought development likely
- No drought



<https://go.usa.gov/3eZGd>

