



Drought Information Statement for Central Iowa

Valid September, 14, 2023

Issued By: NWS Des Moines

Contact Information: nws.desmoines@noaa.gov

- This product will be updated October, 12, 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

U.S. Drought Monitor

Iowa

September 12, 2023

(Released Thursday, Sep. 14, 2023)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.19	99.81	96.59	72.99	25.51	0.00
Last Week 09-05-2023	0.18	99.82	91.25	54.71	24.61	0.00
3 Months Ago 06-13-2023	1.80	98.20	67.56	14.37	0.78	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 09-27-2022	20.90	79.10	45.05	22.25	5.07	0.02
One Year Ago 09-13-2022	32.87	67.13	40.99	23.04	5.64	0.02

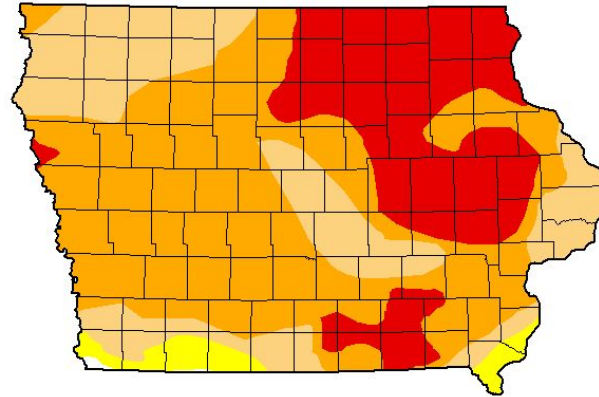


Image Caption: U.S. Drought Monitor valid 7am CDT September 7th.

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



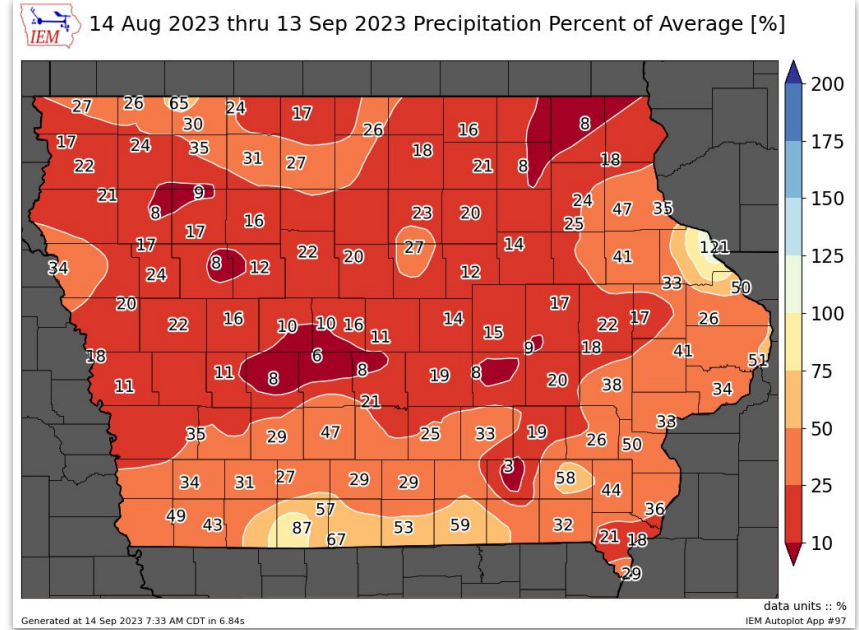
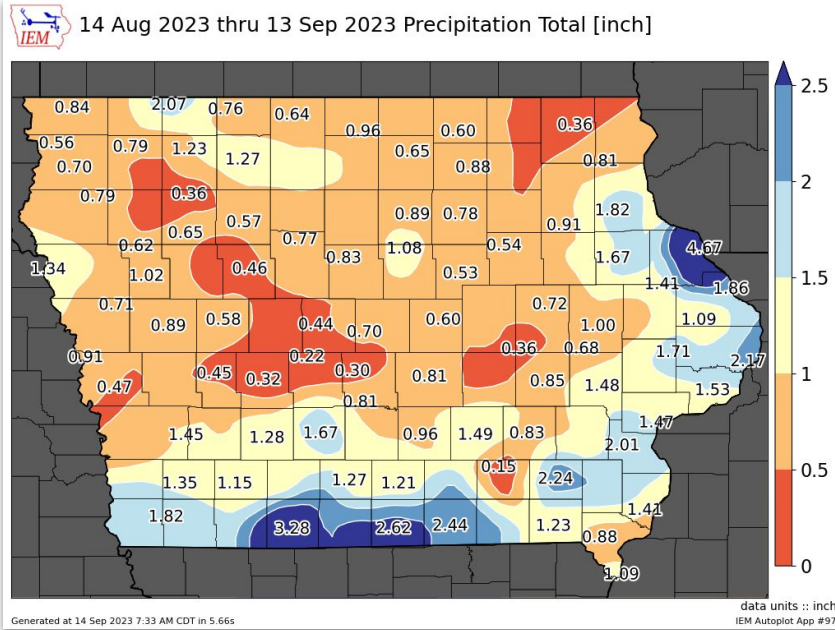
droughtmonitor.unl.edu

- Drought conditions continue to worsen across most of Iowa
- Drought intensity and Extent
 - D3 (Extreme Drought): Much of Northeast and Portions of Southeast Iowa.
 - D2 (Severe Drought): Expansion through central into west central Iowa.
 - D1 (Moderate Drought) and D0 (Abnormally Dry): The rest of the state not already covered by D2 or D3.





Recent Precipitation



- 30-day precipitation totals remain below to well below normal across much of Iowa. The exception is across far south central and portions of eastern Iowa.

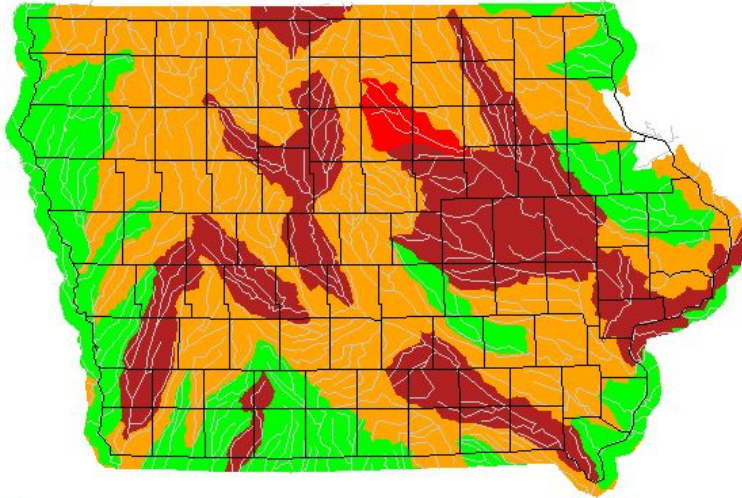
Image Captions:
 Left - 30 Day Precipitation Amounts for Iowa
 Right - 30 Day Percent of Normal Precipitation for Iowa
 Data Courtesy Iowa Environmental Mesonet.
 Data over the past 30 days ending September 13, 2023



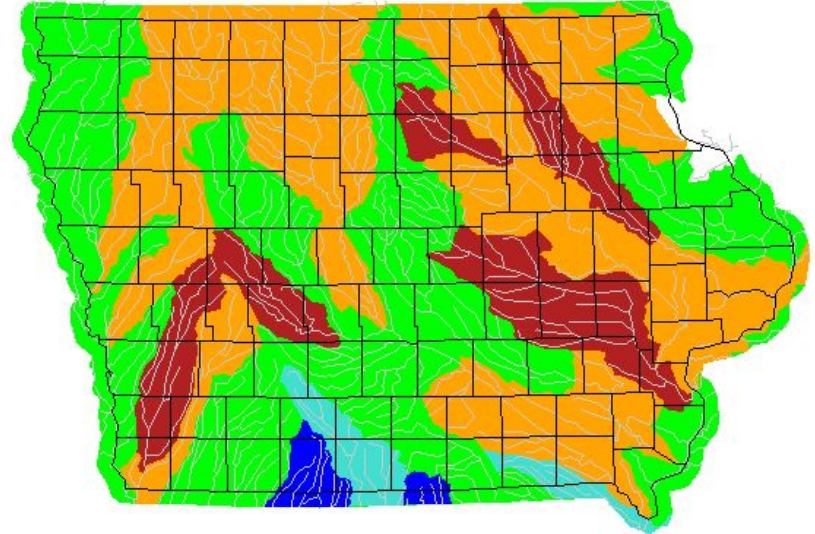


Hydrologic Conditions

Wednesday, September 13, 2023



August 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 September 12, 2023; right: Iowa streamflow percentiles for August 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 across northern and northeastern Iowa. Current burn bans from the State Fire Marshal are available [here](#). Impacts may worsen as fuels cure in the 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](#).





Long-Range Outlooks

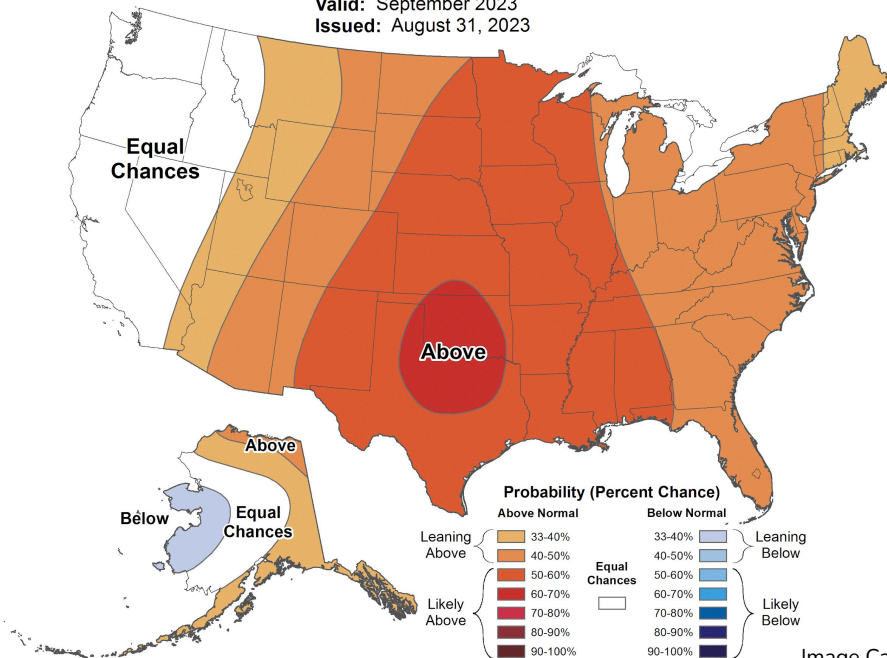
The latest monthly and seasonal outlooks can be found on the [CPC homepage](#)



Monthly Temperature Outlook



Valid: September 2023
Issued: August 31, 2023



Monthly Precipitation Outlook



Valid: September 2023
Issued: August 31, 2023

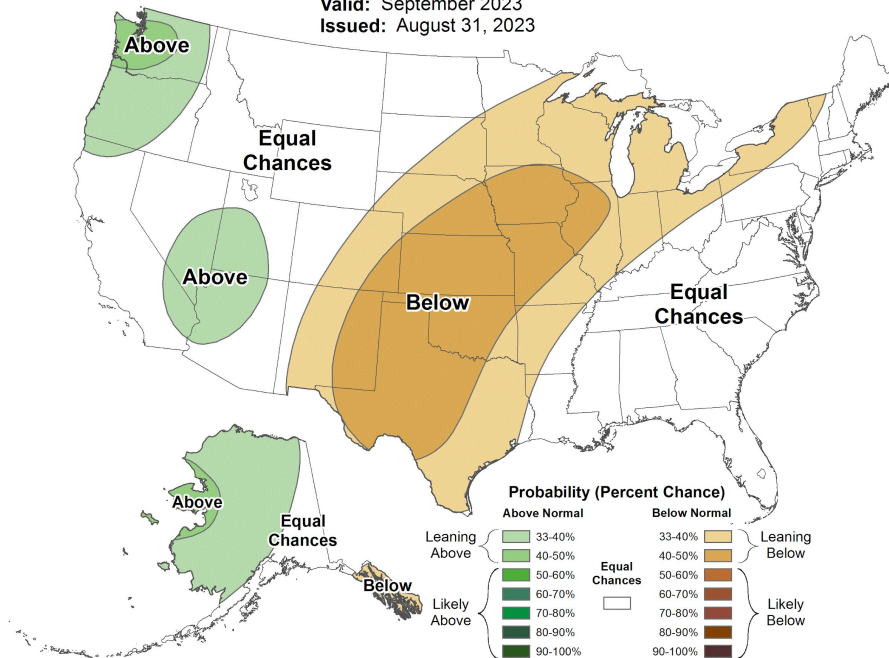


Image Captions:

Left - [Climate Prediction Center Monthly Temperature Outlook](#).

Right - [Climate Prediction Center Monthly Precipitation Outlook](#).

Valid September 2023





Drought Outlook

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

- Drought conditions expected to persist or worsen across Iowa.

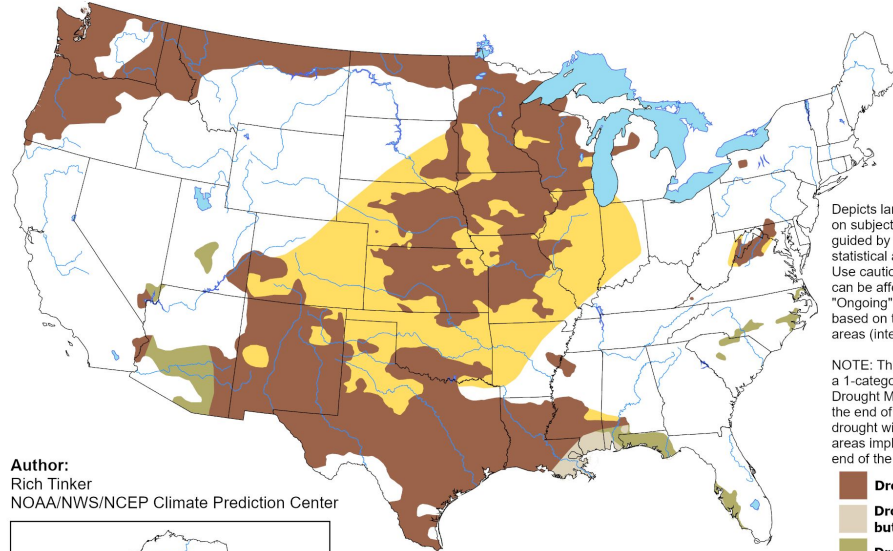
Image Caption:
 Climate Prediction Center Monthly Drought Outlook
 Released August 31, 2023 valid for September 2023

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

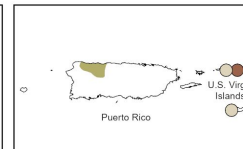
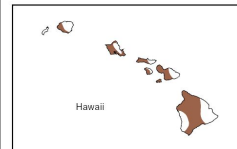
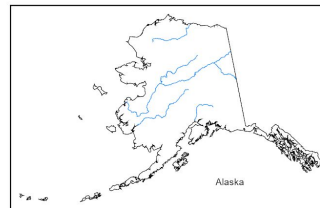
Valid for September 2023
 Released August 31, 2023



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:
 Rich Tinker
 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>

