



Drought Information Statement for Central Iowa

Valid September, 21, 2023

Issued By: NWS Des Moines

Contact Information: nws.desmoines@noaa.gov

- This product will be updated October, 19, 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 continue to worsen across portions of Iowa
- Drought intensity and Extent
 - D4 (Exceptional Drought): Expansion into small portions of Northeast and East Central Iowa
 - D3 (Extreme Drought): Much of Northeast and Portions of 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 or D3.

U.S. Drought Monitor Iowa

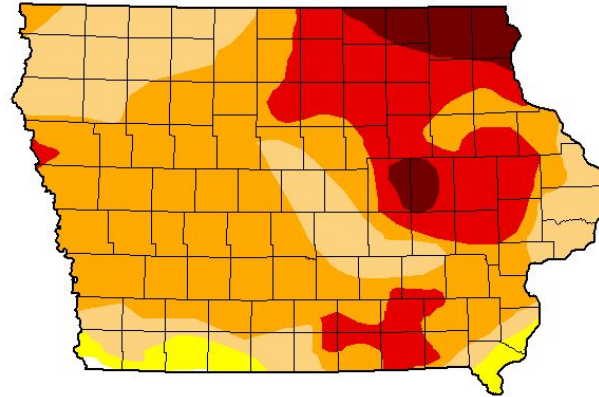


Image Caption: U.S. Drought Monitor valid 7am CDT September 19th.

September 19, 2023

(Released Thursday, Sep. 21, 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	4.96
Last Week 09-12-2023	0.19	99.81	96.59	72.99	25.51	0.00
3 Months Ago 06-20-2023	0.60	99.40	83.02	31.74	3.52	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 09-20-2022	30.43	69.57	41.89	20.39	2.20	0.02

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>

Author:

Richard Heim
NCEI/NOAA



droughtmonitor.unl.edu



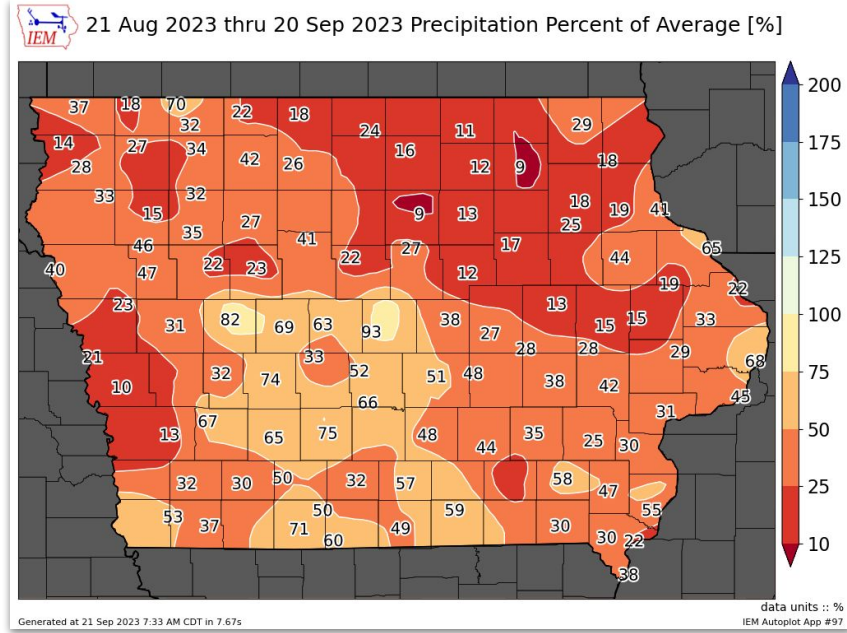
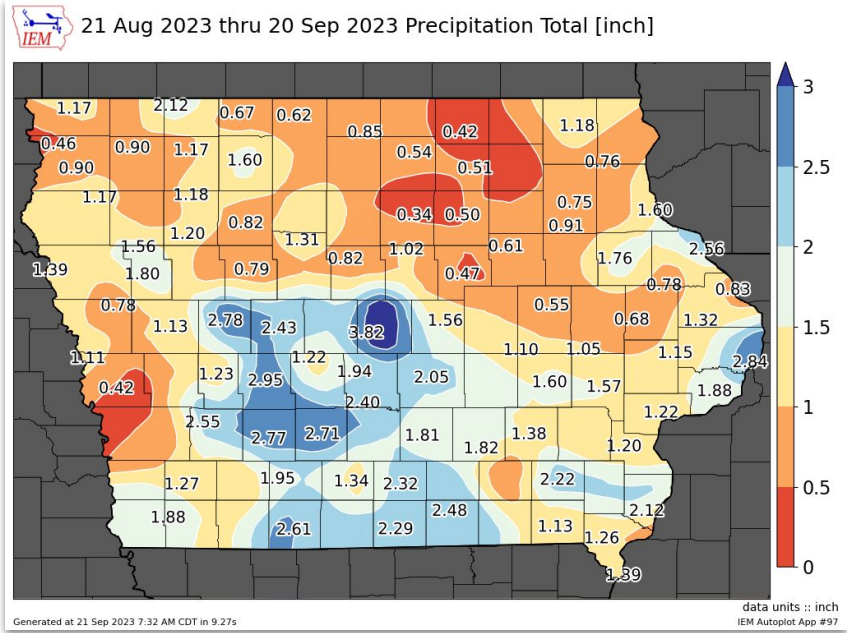
National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Des Moines



Recent Precipitation



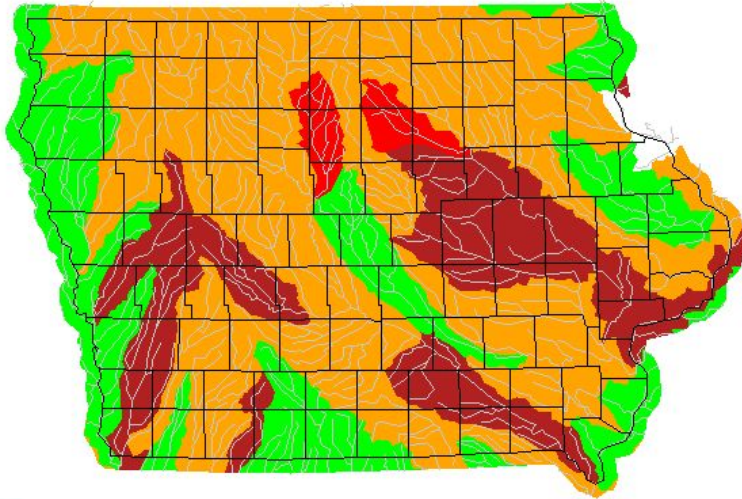
- 30-day precipitation totals have been higher in portions of central and southern Iowa but remain below to well below normal across much of the remainder of the state.

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 20, 2023

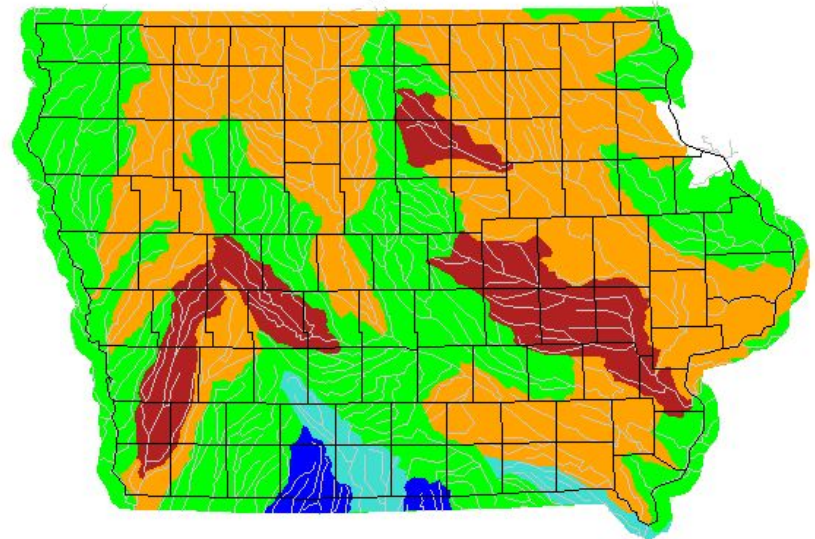


Hydrologic Conditions

Wednesday, September 20, 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 19, 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](#).





Seven Day Precipitation Forecast

- Rainfall is expected to be somewhat widespread across much of the region and lowa over the next seven days. This is likely to help alleviate some of the short term dryness.

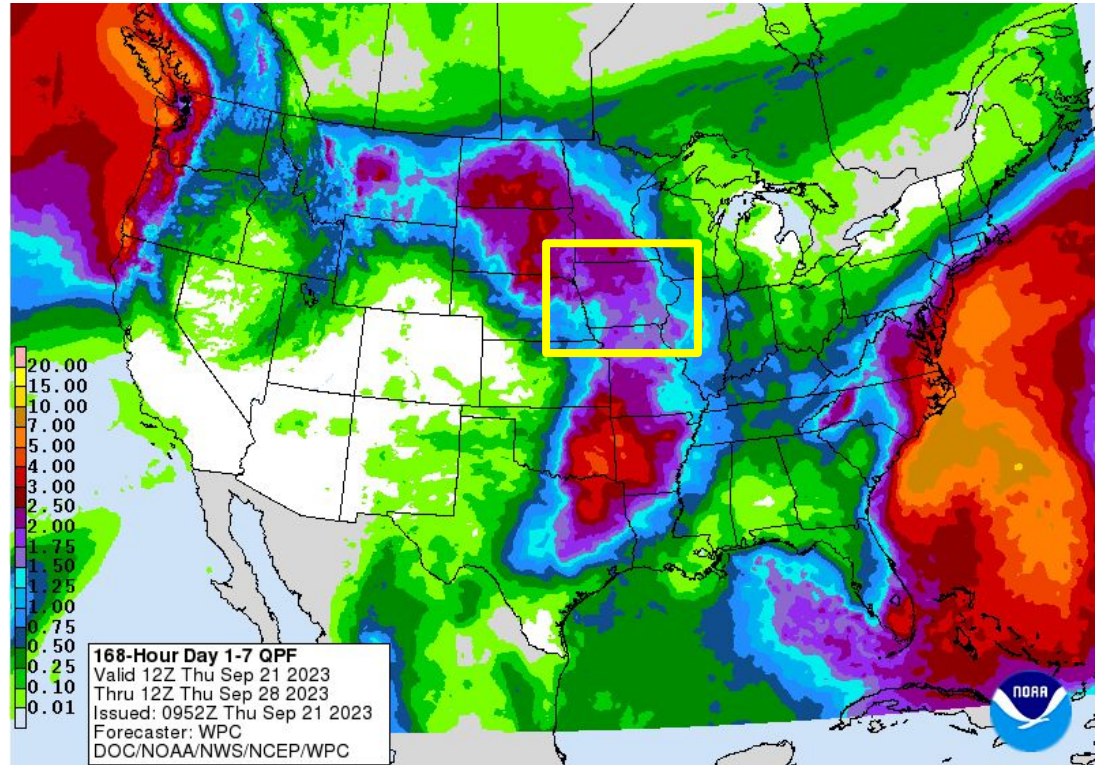


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thursday September 21 to Thursday September 28





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 above normal temperatures across Iowa. Near normal to above normal precipitation is expected during this time.

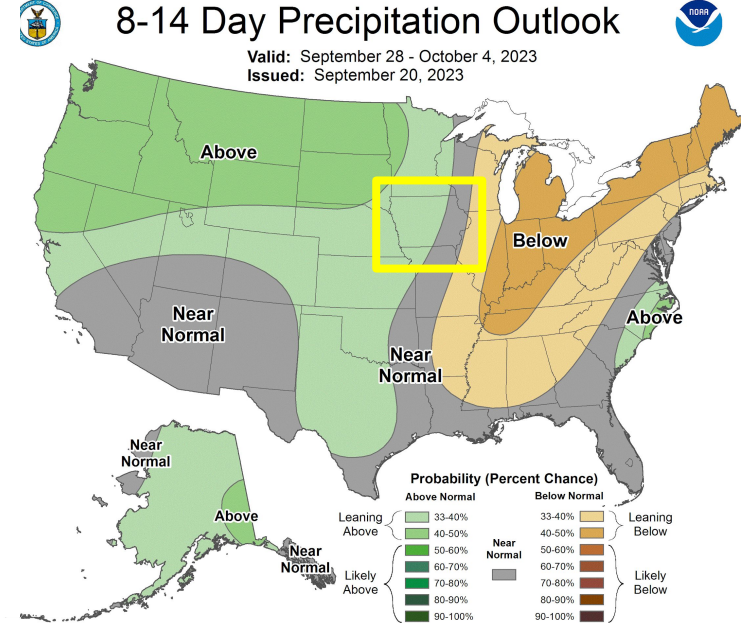
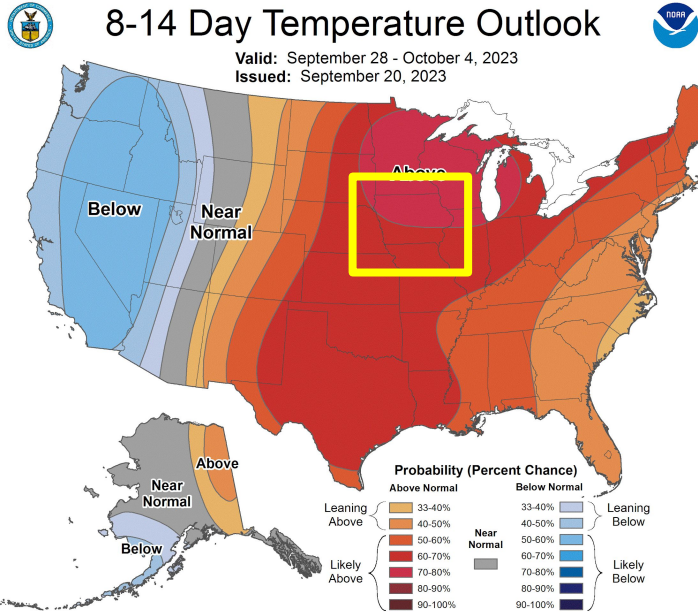


Image Caption: Days 8 to 14 [Temperature](#) and [Precipitation](#) Outlook Valid September 27 to October 3, 2023



Drought Outlook

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

- Drought conditions are expected to persist or worsen across lowa through the month of September.

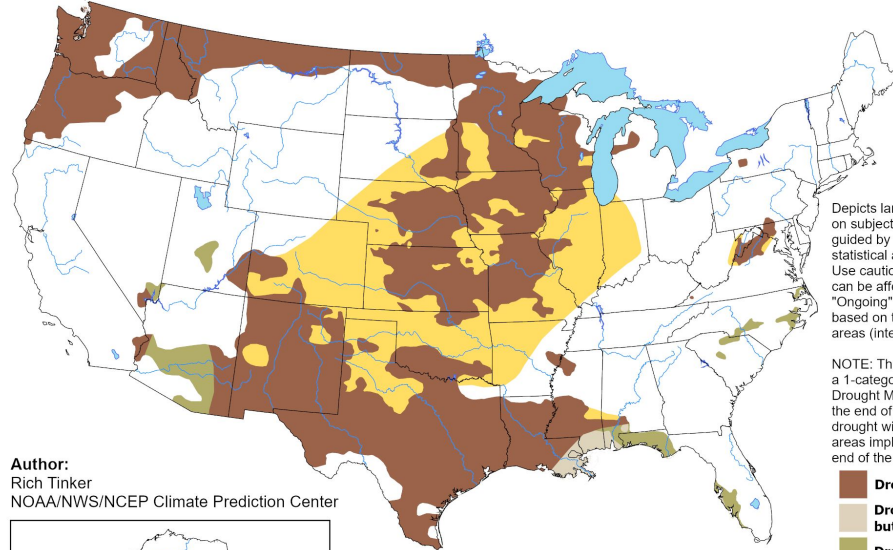
Image Caption:
Climate Prediction Center Monthly Drought Outlook
Released August 31, 2023 valid for September 2023

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

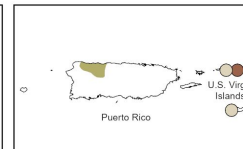
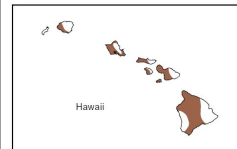
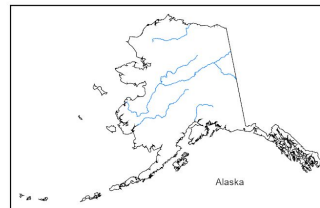
U.S. Monthly Drought Outlook

Drought Tendency During the Valid Period

Valid for September 2023
Released August 31, 2023



Author:
Rich Tinker
NOAA/NWS/NCEP Climate Prediction Center



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).

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



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

