



# Drought Information Statement for Central Iowa

Valid September, 7, 2023

Issued By: NWS Des Moines

Contact Information: [nws.desmoines@noaa.gov](mailto:nws.desmoines@noaa.gov)

- This product will be updated October, 5, 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

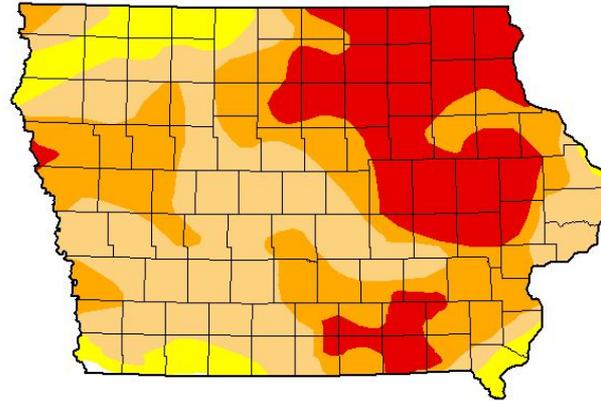


Image Caption: U.S. Drought Monitor valid 7am CDT September 7th.

**September 5, 2023**

(Released Thursday, Sep. 7, 2023)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.18	99.82	91.25	54.71	24.61	0.00
<b>Last Week</b> 08-29-2023	0.51	99.49	80.45	51.26	17.59	0.00
<b>3 Months Ago</b> 06-06-2023	1.20	98.80	42.76	7.94	0.78	0.00
<b>Start of Calendar Year</b> 01-03-2023	10.69	89.31	66.66	29.43	8.83	0.57
<b>Start of Water Year</b> 09-27-2022	20.90	79.10	45.05	22.25	5.07	0.02
<b>One Year Ago</b> 09-06-2022	37.65	62.35	40.18	20.23	2.20	0.02

#### Intensity:

None	D0 Abnormally Dry	D2 Severe Drought
D1 Moderate Drought	D3 Extreme 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 Tinker  
CPC/NOAA/NWS/NCEP



[droughtmonitor.unl.edu](http://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): Much of the east half of Iowa and portions of west central Iowa.
  - D1 (Moderate Drought) and D0 (Abnormally Dry): The rest of the state not already covered by D2 or D3.



National Oceanic and Atmospheric Administration

U.S. Department of Commerce

National Weather Service  
Des Moines



# Recent Change in Drought Intensity

## Drought Monitor Class Change Map over the Past 4 Weeks

- Four Week Drought Monitor Class Change.
  - Drought Worsened: much of northeast and east central into central Iowa
  - No Change: various locations around the state
  - Drought Improved: small parts of southeast, southwest and northwest Iowa

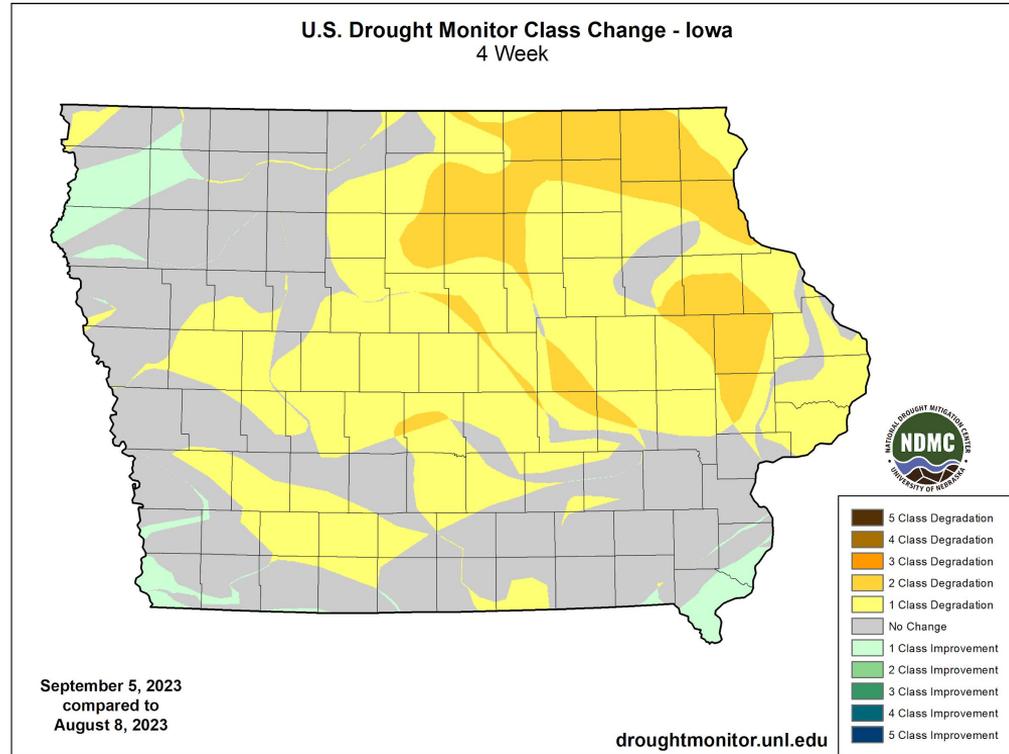
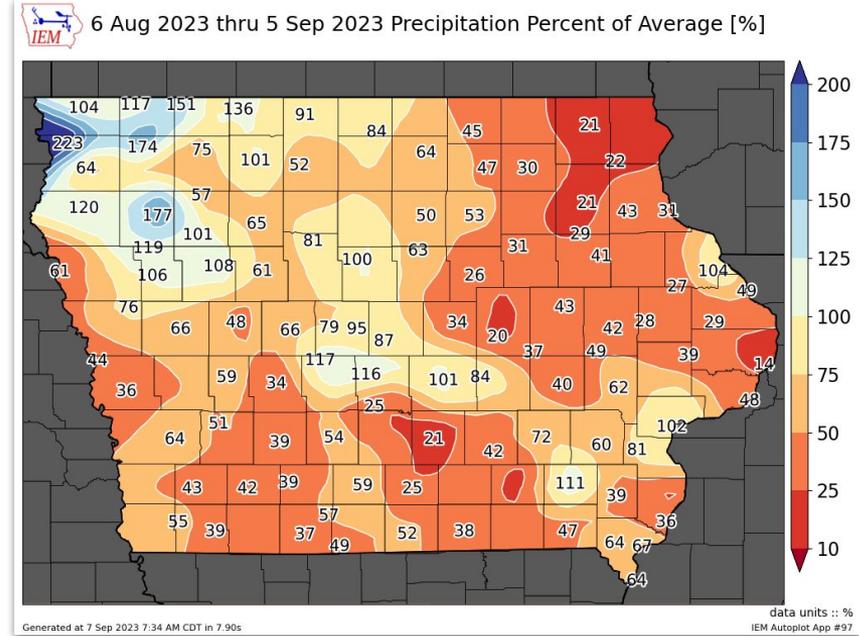
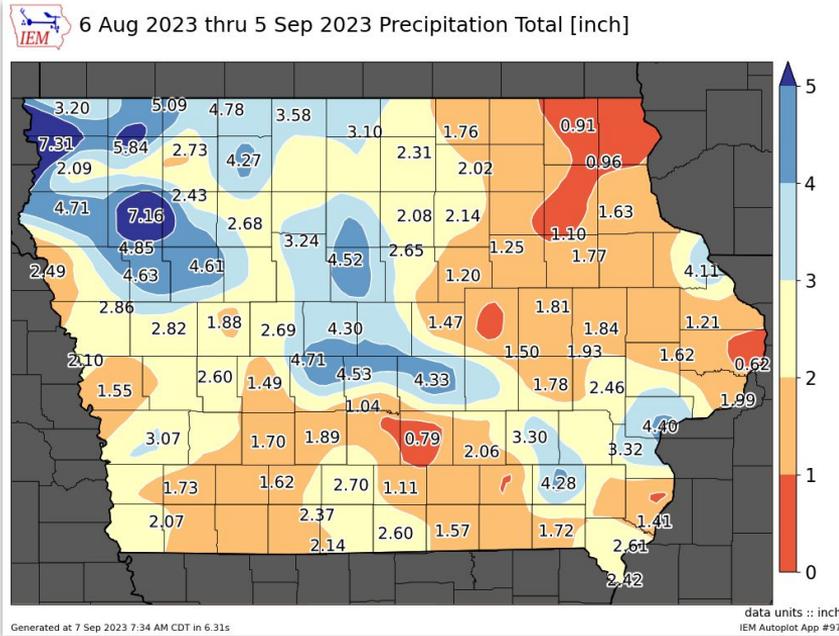


Image Caption: U.S. Drought Monitor 4-week change map valid 7am CDT September 7th.





# Recent Precipitation



- 30-day precipitation totals remain below to well below normal across much of Iowa. The exception is across the northwest.

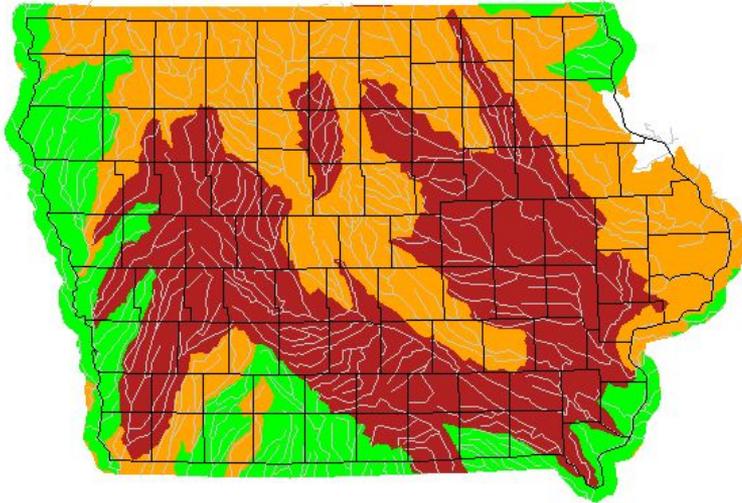
Image Captions:  
 Left - 30 Day Precipitation Amounts for Iowa  
 Right - 30 Day Percent of Normal Precipitation for Iowa  
 Data Courtesy Iowa Environmental Mesonet.  
 Data over the past 30 days ending September, 5, 2023



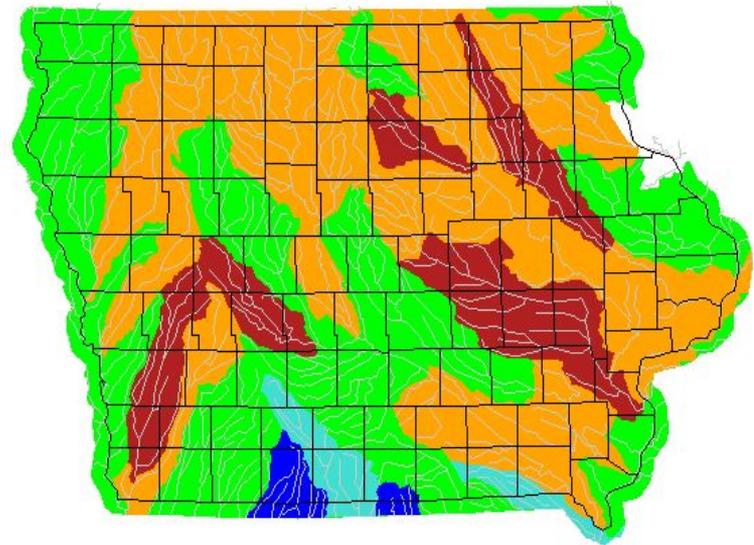


# Hydrologic Conditions

Wednesday, September 06, 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 6, 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](#).







# Drought Outlook

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

- Drought conditions expected to persist or worsen across Iowa.

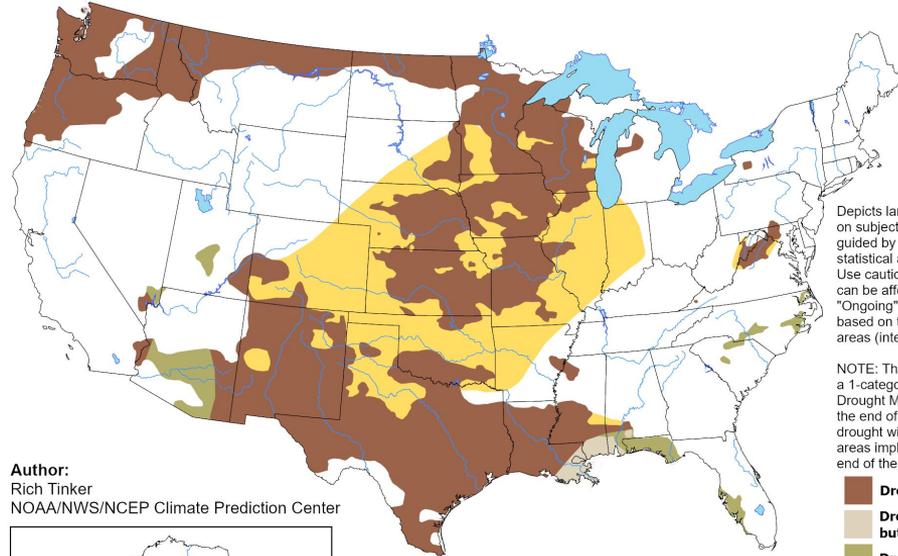
Image Caption:  
Climate Prediction Center Monthly Drought Outlook  
Released August 31, 2023 valid for September 2023

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

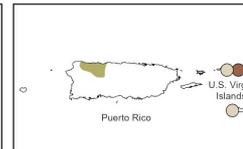
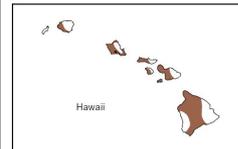
Valid for September 2023  
Released August 31, 2023



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).

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



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

