



# Drought Information Statement for Central Iowa

Valid October, 19, 2023

Issued By: NWS Des Moines

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

- This product will be updated November, 16, 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 improved in portions of northern and eastern Iowa. The south remained mostly unchanged.
- Drought intensity and Extent
  - D4 (Exceptional Drought): Removed from Iowa.
  - D3 (Extreme Drought): Portions of Eastern 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): The rest of the state not already covered by D2, D3 or D4 conditions.

## U.S. Drought Monitor Iowa

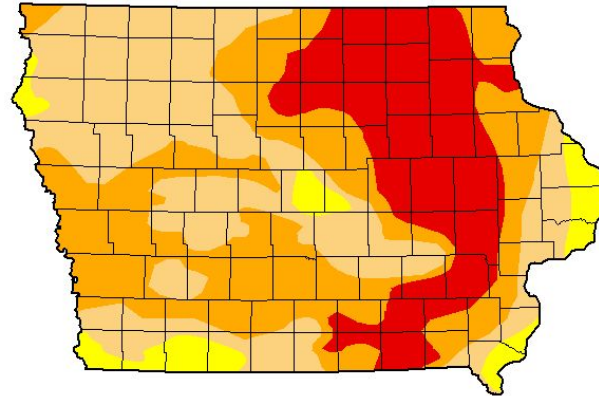


Image Caption: U.S. Drought Monitor valid 7am CDT October 17th.

**October 17, 2023**

(Released Thursday, Oct. 19, 2023)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.03	99.97	93.57	58.45	23.78	0.00
<b>Last Week</b> 10-10-2023	0.00	100.00	95.75	67.41	27.42	3.07
<b>3 Months Ago</b> 07-18-2023	0.00	100.00	77.62	17.78	3.91	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> 09-26-2023	0.01	99.99	95.65	67.41	25.00	1.17
<b>One Year Ago</b> 10-18-2022	0.00	100.00	84.15	35.05	7.11	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:

Rocky Bilotta  
NCEI/NOAA



[droughtmonitor.unl.edu](http://droughtmonitor.unl.edu)

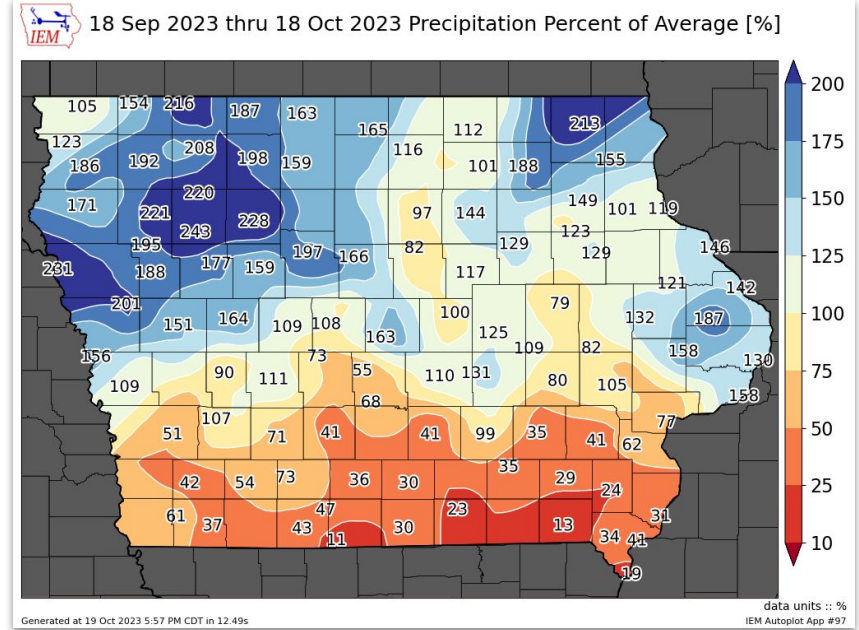
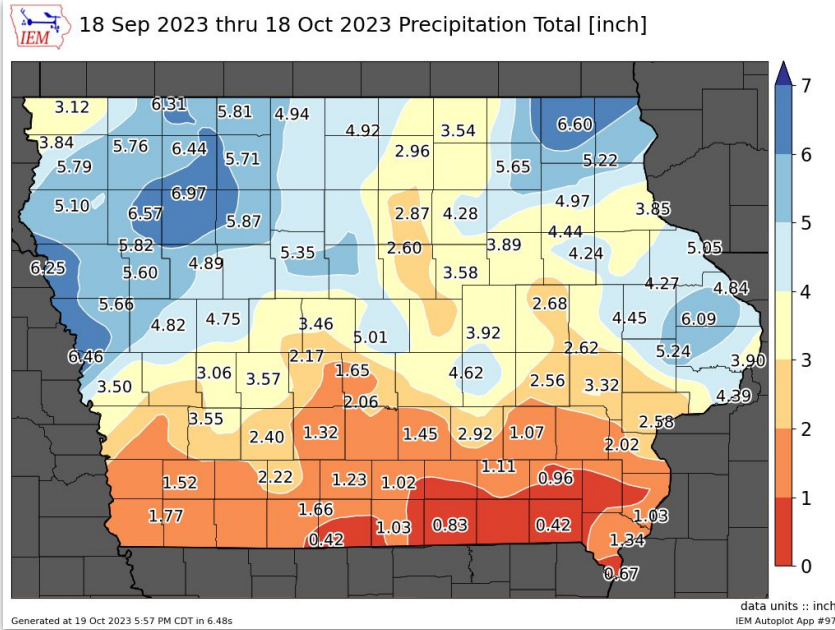


National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Des Moines



# Recent Precipitation



- 30-day precipitation totals are now above normal across much of northwest Iowa and portions of the East. The largest deficits are across southern 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 18, 2023

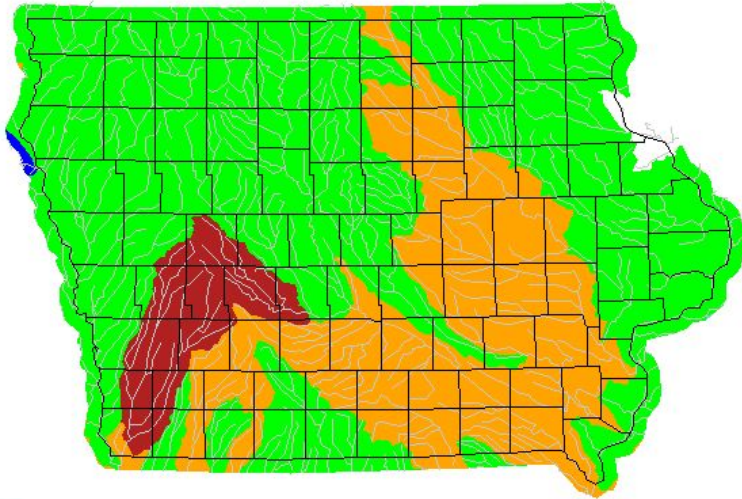




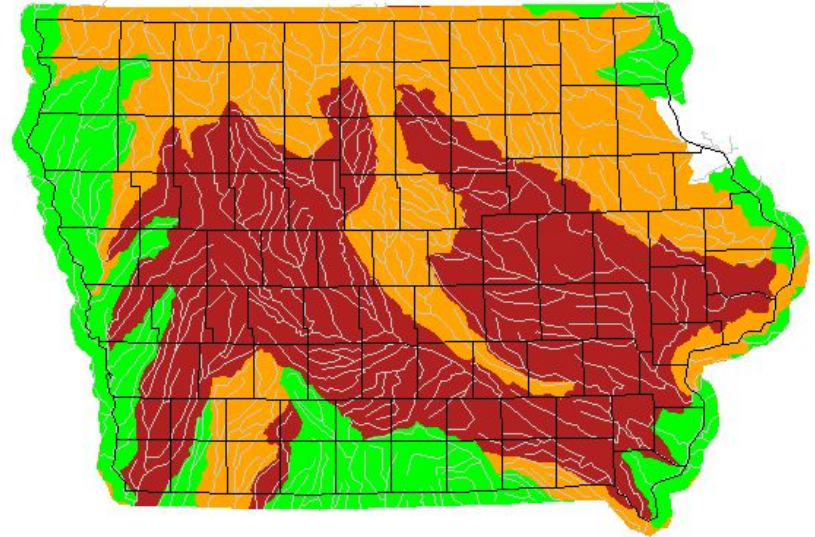


# Hydrologic Conditions

Hednesday, October 18, 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		

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Low	<10	10-24	25-75	76-90	>90	High	No Data
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Image Captions: Left: Iowa streamflow percentiles ending October 18, 2023; Right: Iowa streamflow percentiles for September 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

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

## Fire Hazard Impacts

- Multiple burn bans are in effect, mainly in west central 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 this 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

- Dry conditions are expected for the upcoming weekend (Oct. 21-22) with increasing threat of rainfall into next week.

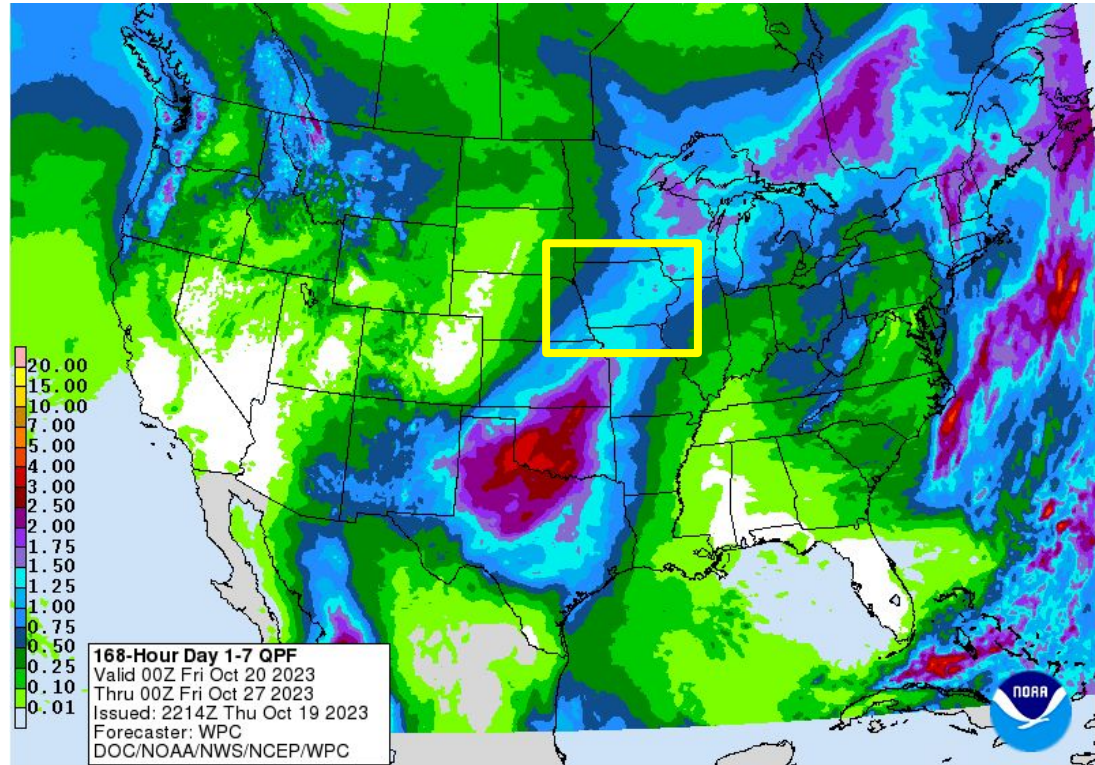


Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thursday October 19 to Thursday October 26, 2023







# 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 below normal temperatures across Iowa with near normal precipitation during that time.

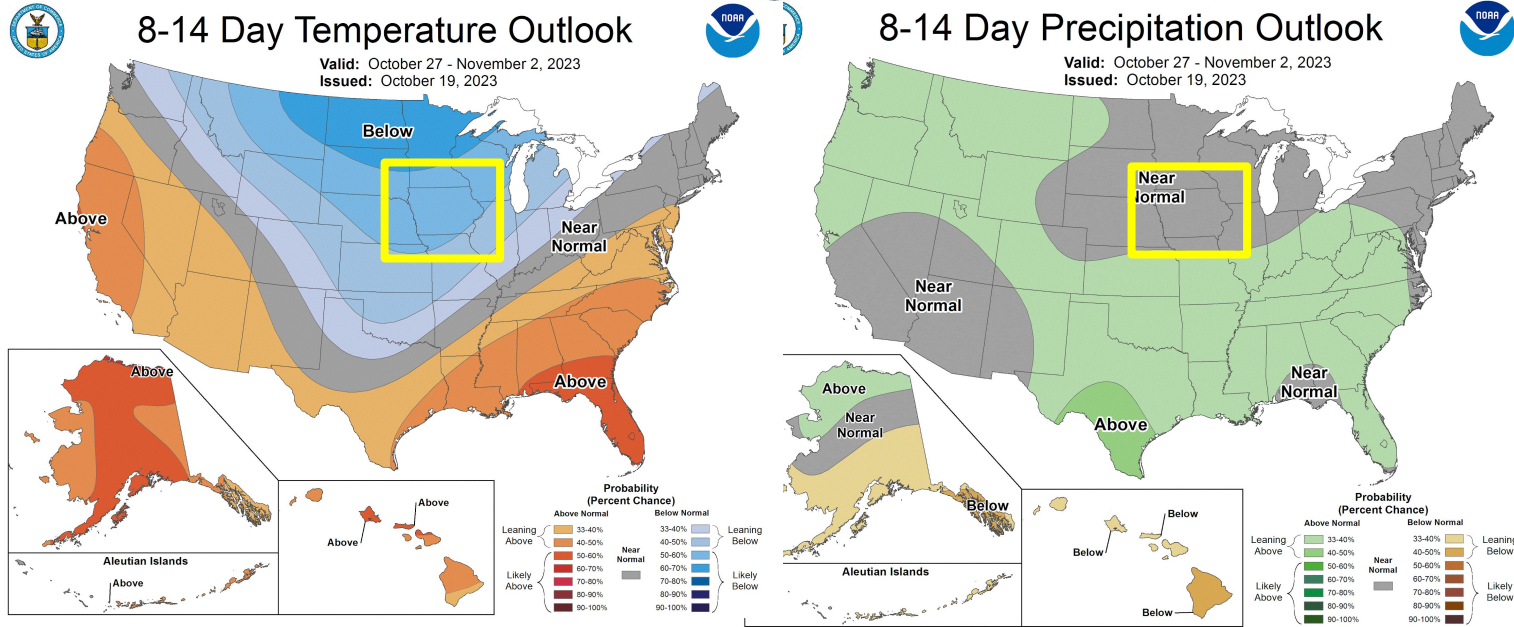


Image Caption: Days 8 to 14 [Temperature](#) and [Precipitation](#) Outlook Valid October 27 to November 2, 2023



# 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.

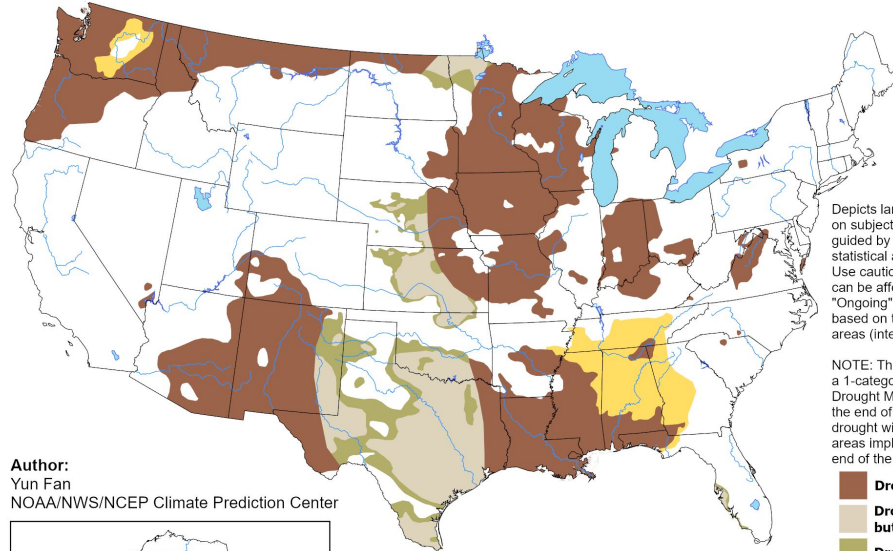
Image Caption:  
Climate Prediction Center Monthly Drought Outlook  
Released September 30, 2023 valid for October 2023

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

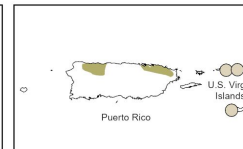
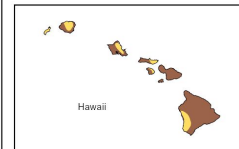
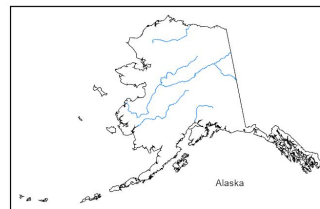
## U.S. Monthly Drought Outlook

### Drought Tendency During the Valid Period

Valid for October 2023  
Released September 30, 2023



Author:  
Yun Fan  
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>

