



# Drought Information Statement for Central Iowa

Valid March, 14, 2024

Issued By: NWS Des Moines

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

- This product will be updated April 15, 2024 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.



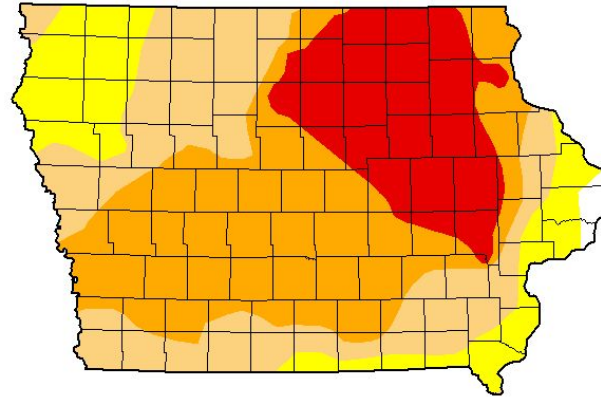


# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for the United States

- Much of the state remained unchanged although some degradation occurred in northwest Iowa.
- Drought intensity and Extent
  - D3 (Extreme Drought): Large portions of Northeast into East Central Iowa.
  - D2 (Severe Drought): Surrounds the D3 area and extends across much of Central and Southern Iowa to the west border.
  - D1 (Moderate Drought) and D0 (Abnormally Dry): Most of the rest of the state not already covered by D2, D3 conditions.
  - A small portion of far east central Iowa has no drought conditions.

## U.S. Drought Monitor Iowa



**March 12, 2024**

(Released Thursday, Mar. 14, 2024)

Valid 8 a.m. EDT

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
<b>Current</b>	0.86	99.14	84.39	56.37	20.18	0.00
<b>Last Week</b> 03-05-2024	0.89	99.11	79.70	56.37	20.18	0.00
<b>3 Months Ago</b> 12-12-2023	0.57	99.43	84.33	62.08	27.47	0.00
<b>Start of Calendar Year</b> 01-02-2024	2.77	97.23	83.41	65.09	35.18	0.00
<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> 03-14-2023	35.33	64.67	31.93	15.54	1.51	0.57

### 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:

Curtis Riganti  
National Drought Mitigation Center



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



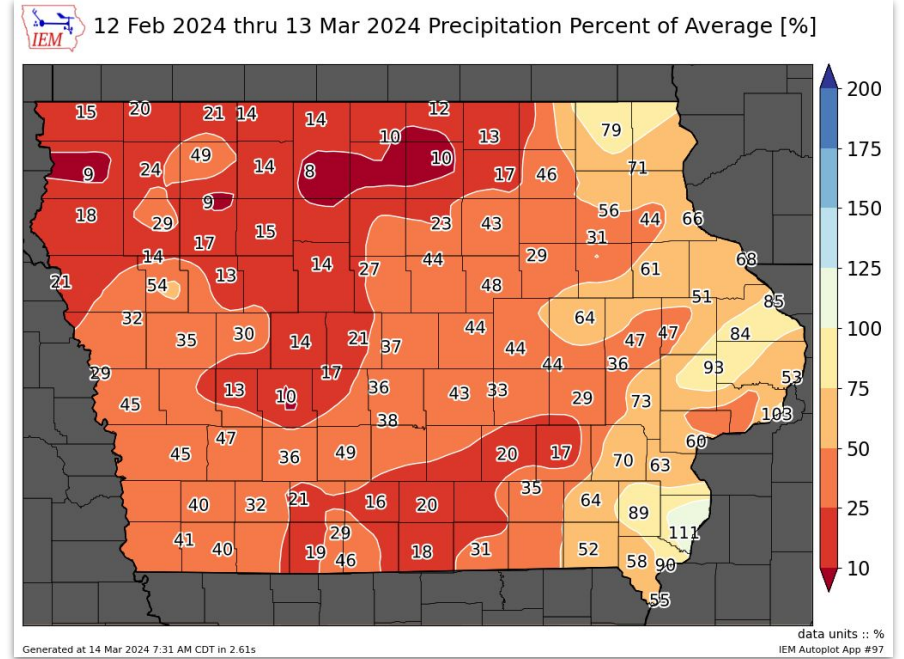
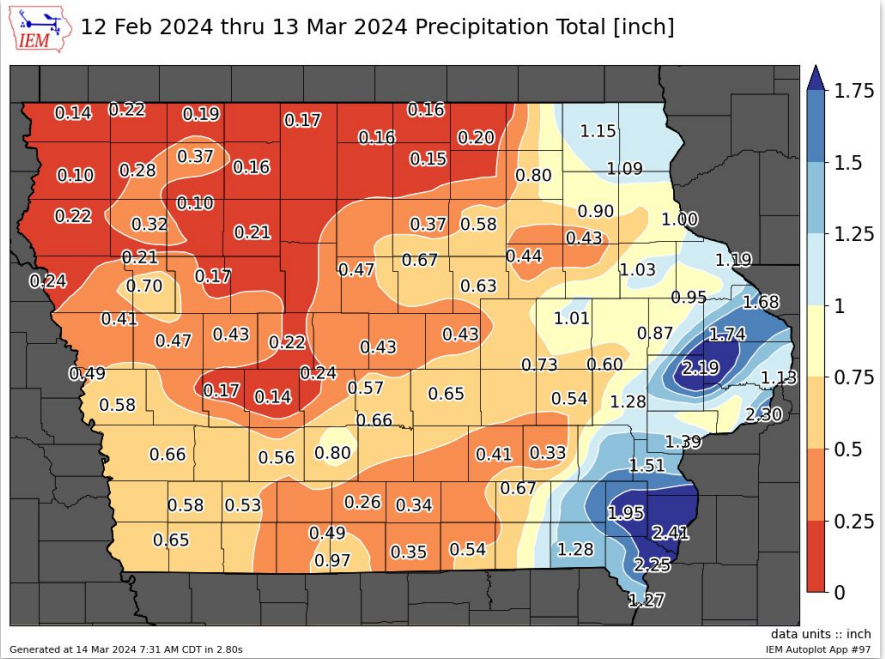
National Oceanic and  
Atmospheric Administration

U.S. Department of Commerce

National Weather Service  
Des Moines



# Recent Precipitation

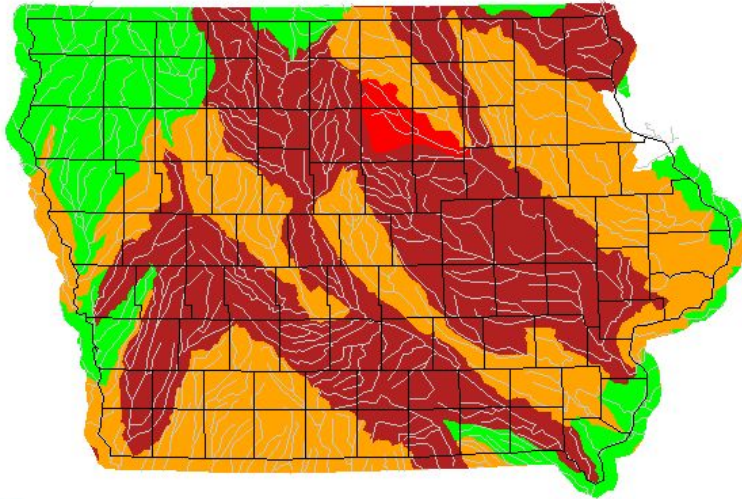


- 30-day precipitation totals ending on March 13th were largely below normal with most areas over 50% below normal over the past month. The southeast remains the wettest portion of the state and closest to normal since the middle of February.



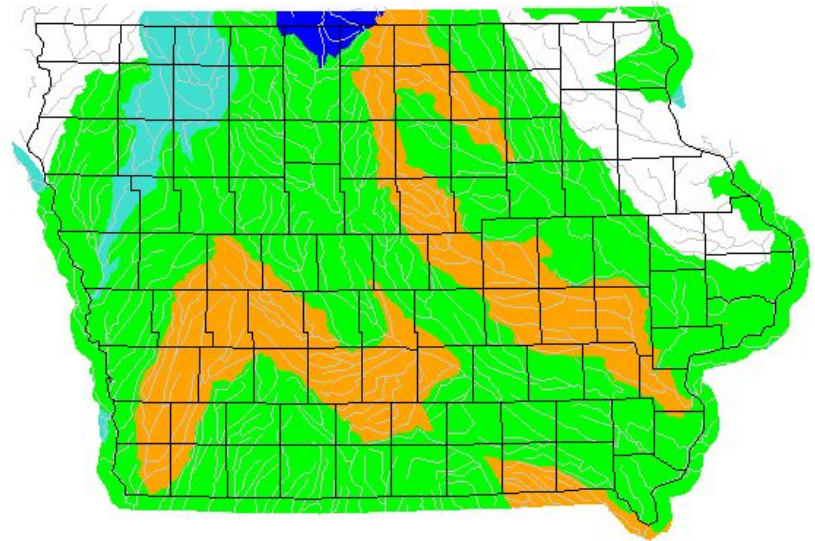
# Hydrologic Conditions

Wednesday, March 13, 2024



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		

February 2024



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 March 13, 2024; Right: Iowa monthly streamflow percentiles for February 2024.





# Summary of Impacts

## Hydrologic Impacts

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

## Agricultural Impacts

- Agricultural impacts are minimal at this time due to dormant conditions. USDA Iowa Crop Progress and Condition reports may be found [here](#).

## Fire Hazard Impacts

- Several burn bans remain in effect across Iowa. Current burn bans from the State Fire Marshal are available [here](#).

## Other Impacts

- Most of Iowa is experiencing drought conditions and low streamflows. Conditions are expected to persist into the early Spring.

## Additional Information

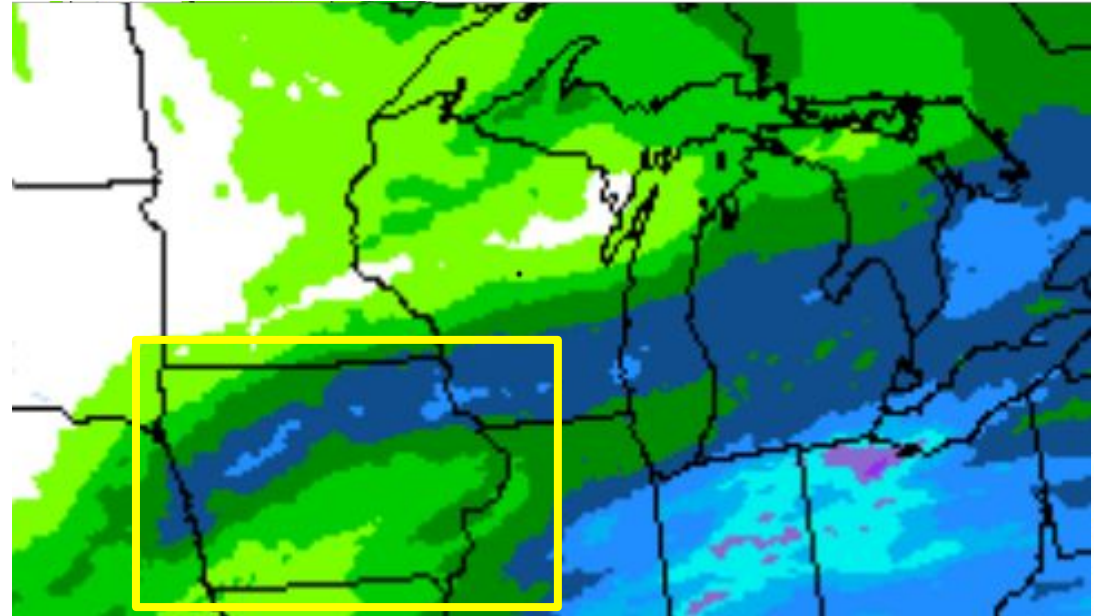
- For additional information or to report your drought impacts, please visit the NWS Des Moines Drought Decision Support page [here](#).





# Seven Day Precipitation Forecast

- Much of the precipitation indicated on this map is anticipated on March 14th. Relatively little precipitation is expected on March 15th into the following week.



Predicted Inches of Precipitation



Image Caption: Weather Prediction Center [7-day precipitation forecast](#) valid Thursday March 14 to Thursday March 21, 2024





# Near Term Outlook

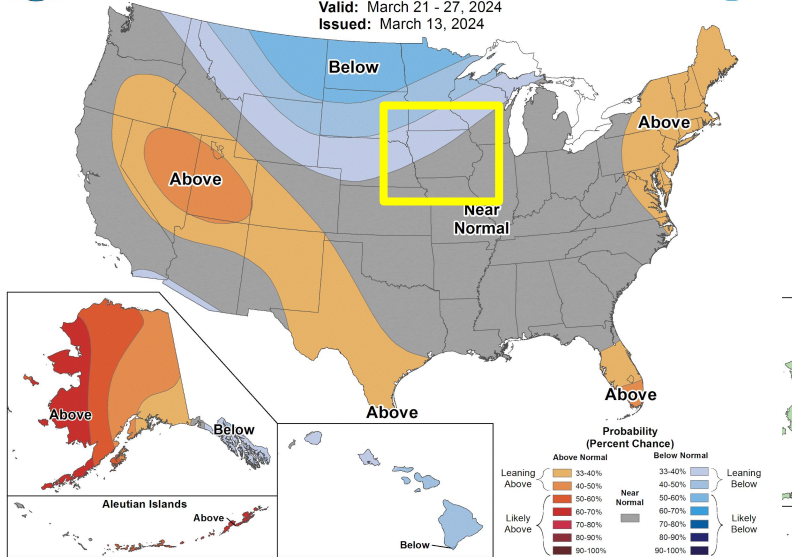
Links to the latest Climate Prediction Center 8 to 14 day [U.S. Hazards Outlook](#).

- The 8 to 14 day outlook indicates a higher probability of normal to below normal temperatures across Iowa as well as trending a bit above normal with regards to precipitation.



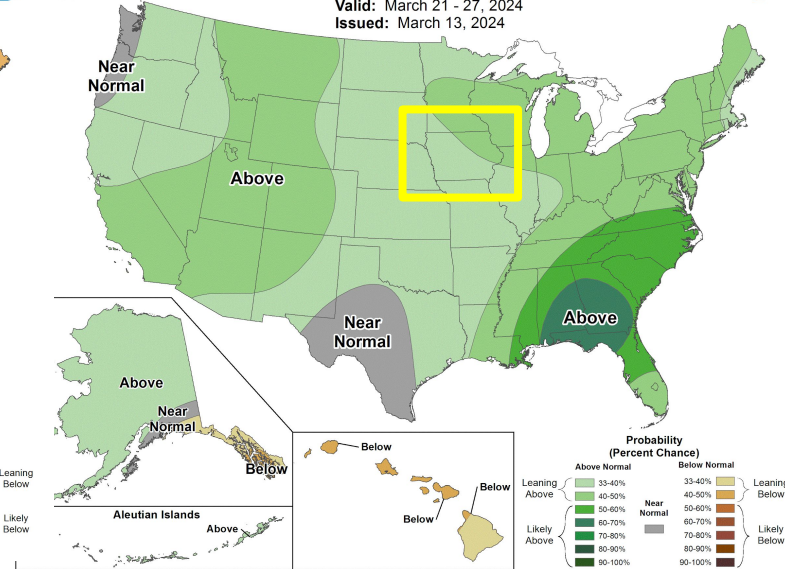
## 8-14 Day Temperature Outlook

Valid: March 21 - 27, 2024  
Issued: March 13, 2024



## 8-14 Day Precipitation Outlook

Valid: March 21 - 27, 2024  
Issued: March 13, 2024

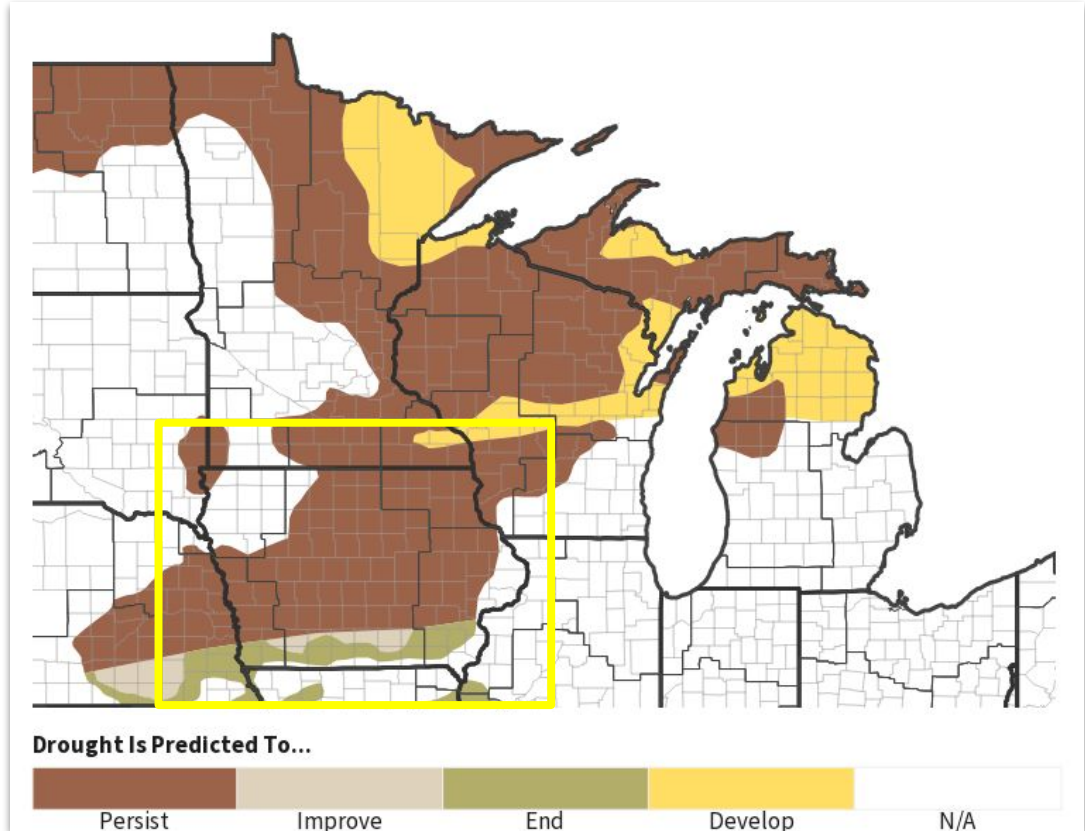




# Drought Outlook

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 March.



Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



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