



Drought Information Statement for Northeast IA, Southeast MN, & Western, WI

Valid October 15, 2024

Issued By: WFO La Crosse, WI

Contact Information: w-arx.webmaster@noaa.gov

- This product will be updated on October 24, 2024.
- Please see all currently available products at <https://drought.gov/drought-information-statements>.
- Please visit <https://www.weather.gov/ARX/DroughtInformationStatement> for previous statements.
- Please visit <https://www.drought.gov/drought-status-updates/> for regional drought status updates.

- **Drought Continues to Expand South of Interstate 90**



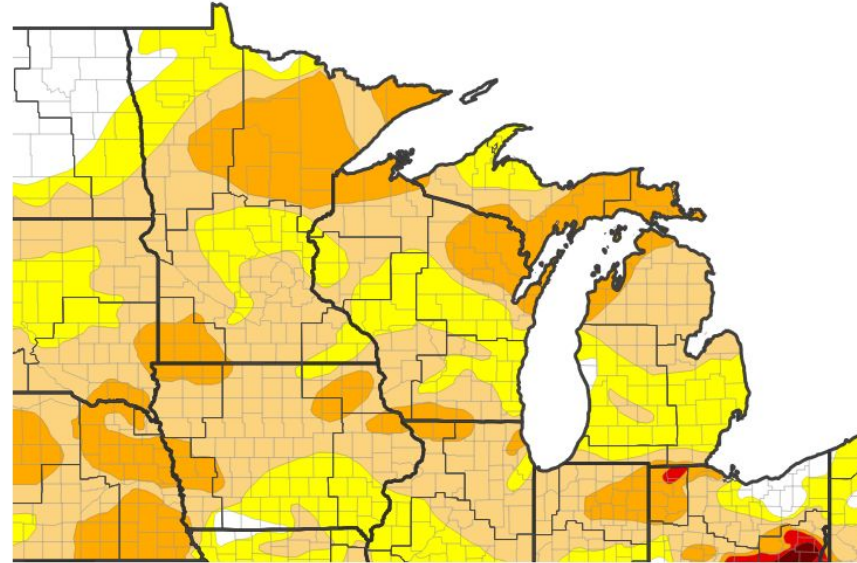


U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for Upper Midwest

- Drought intensity and Extent
 - **D0 (Abnormally Dry)** & **D2 (Severe Drought)** has developed or continues south of Interstate 90.
 - **D0 (Abnormally Dry)** north of Interstate 90.

U.S. Drought Monitor



U.S. Drought Monitor



Source(s): NDMC, NOAA, USDA; image courtesy of Drought.gov

Data Valid: 10/15/24

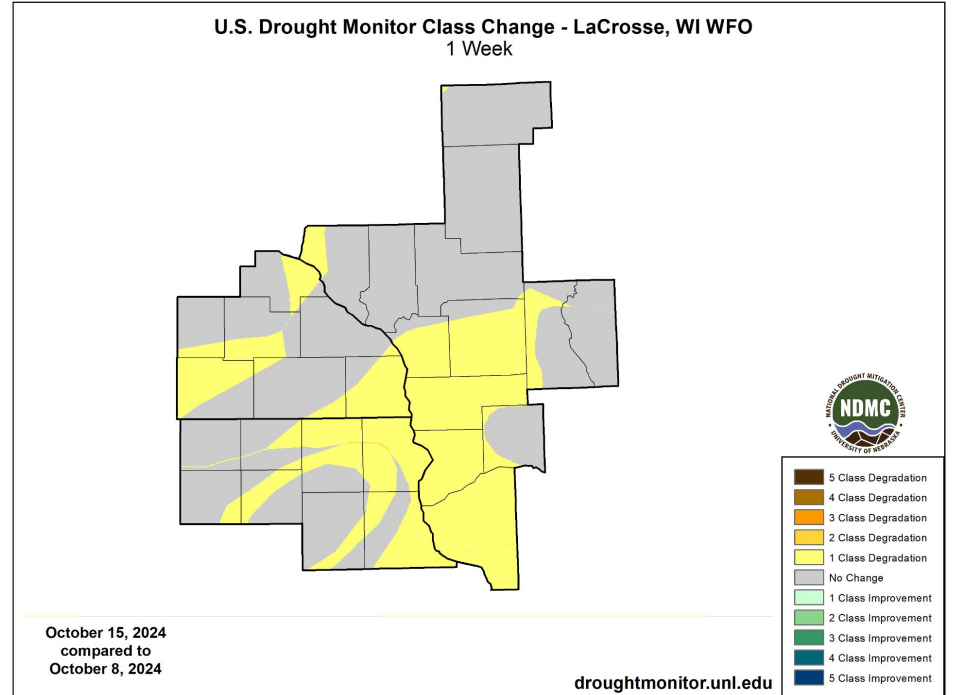




Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for northeast IA, southeast MN, & western IA

- 1-Week Drought Monitor Class Change.
 - During the past week, there was 1 class degradation south of Interstate 90.

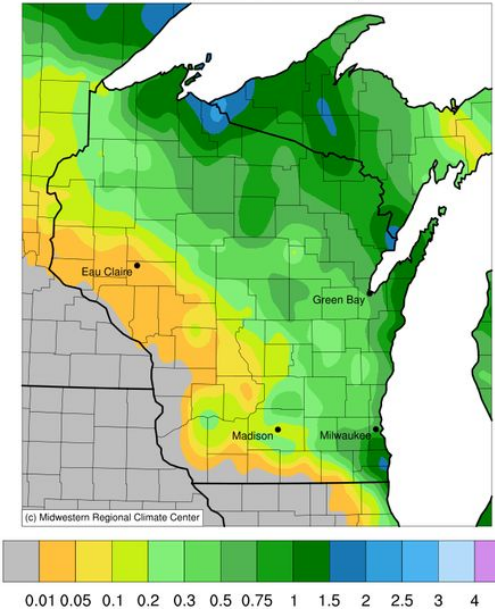




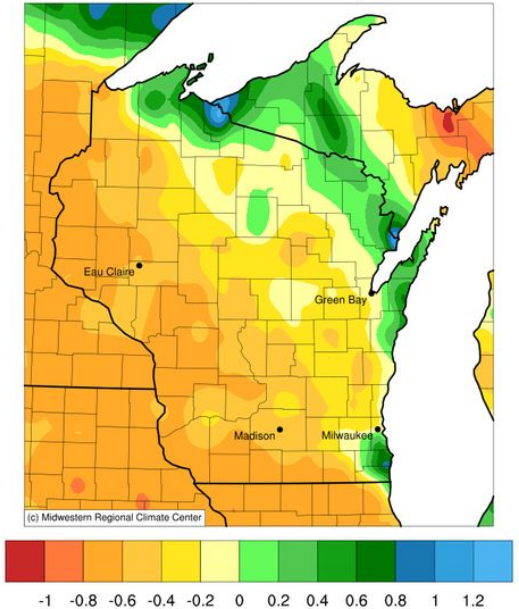
Precipitation

- From October 9 through October 15, rainfall totals ranged from no rain to 0.52" near Gilman, WI. The highest totals were mainly north of Interstate 94.
- Normally, around a 1/2" of an inch of precipitation falls during this time frame.

Accumulated Precipitation (in)
October 09, 2024 to October 15, 2024



Accumulated Precipitation (in): Departure from 1991-2020 Normals
October 09, 2024 to October 15, 2024



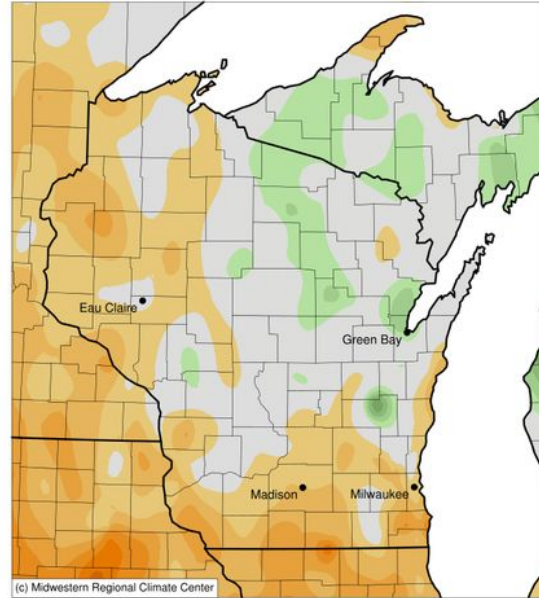
- From August 1 through October 15, rainfall totals ranged from 1.57" near Oelwein, IA to 9.67" near Caledonia, MN. This resulted in rainfall deficits from 1 to 8". The largest deficits (4 to 8") were south of Interstate 90.



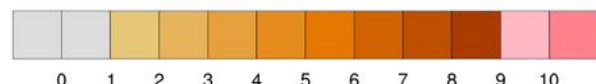
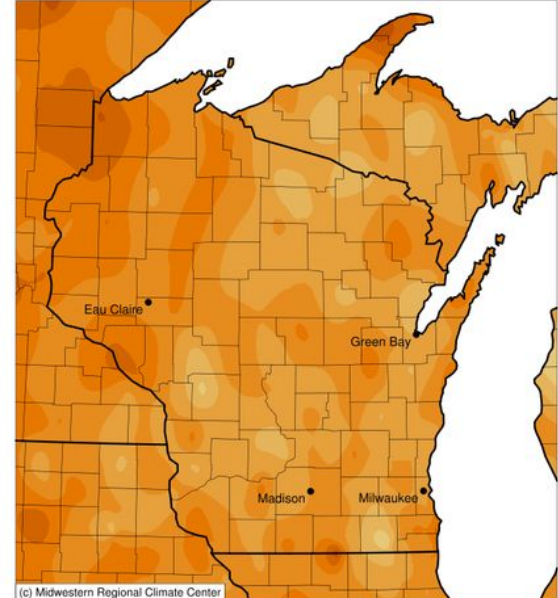
Temperature

- During the past week (October 9 to October 15), temperatures ranged from near normal to 4°F warmer than normal.
- During the past month (September 17 to October 16), average temperatures ranged from 1°F to 7°F warmer than normal.

Average Temperature (°F): Departure from 1991-2020 Normals
October 09, 2024 to October 15, 2024



Average Temperature (°F): Departure from 1991-2020 Normals
September 17, 2024 to October 16, 2024





Summary of Impacts

Links: See/submit [Condition Monitoring Observer Reports \(CMOR\)](#) and view the [Drought Impacts Reporter](#)

Hydrologic Impacts

- There are no known impacts at this time.

Agricultural Impacts

- In northeast Iowa, livestock water resources continue to be a concern.

Fire Hazard Impacts

- As of the morning of October 15, fire danger was high (fires start easily started and spread at a high rate) in southeast Minnesota, and low (fires are not easily started) to moderate (fires start easily started and spread at a moderate rate) in northeast Iowa and western Wisconsin.
- In northeast Iowa, combine and other equipment fires were reported as weather conditions increased the risk of such fires.

Other Impacts

- There are no known impacts at this time.

Mitigation Actions

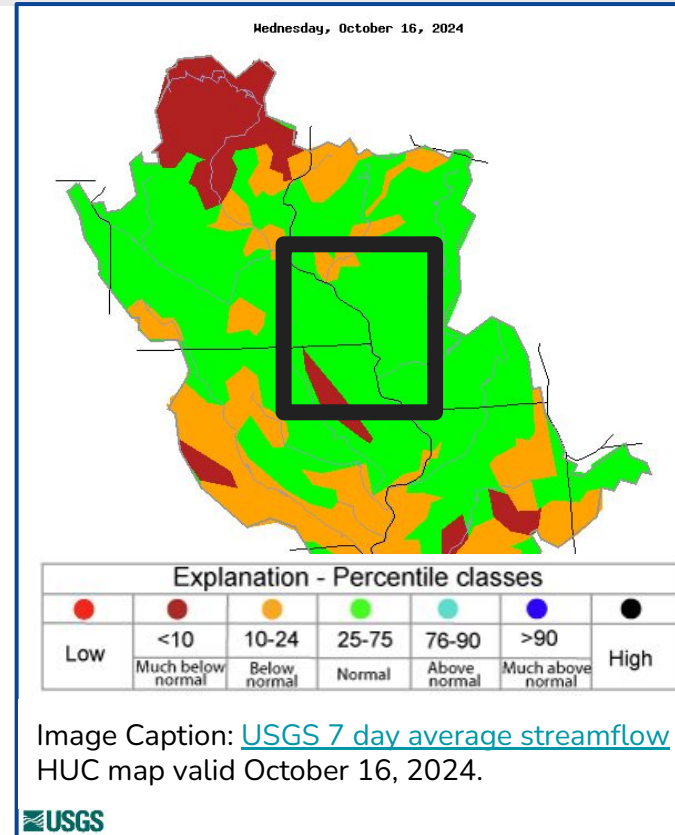
- No known actions are taking place in northeast Iowa, southeast Minnesota, and western Wisconsin.





Hydrologic Conditions and Impacts

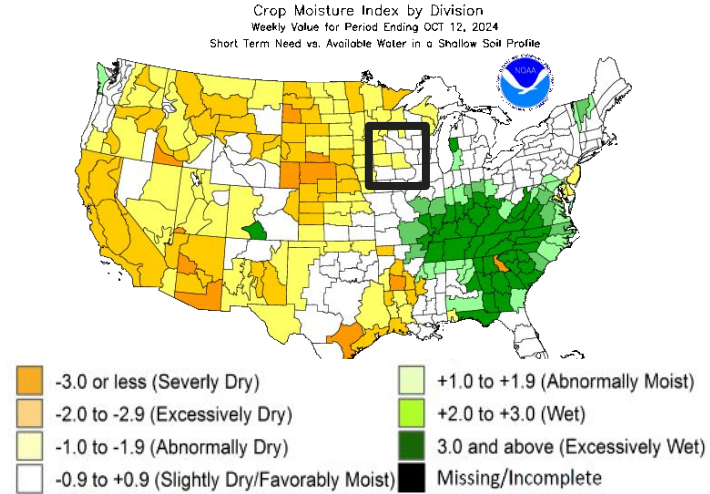
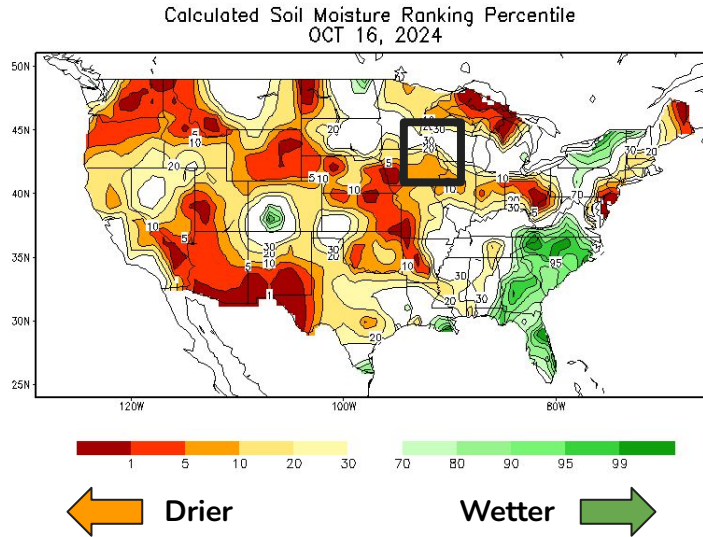
- From October 9 through October 15, rainfall totals ranged from no rain to 0.52" near Gilman, WI. The highest totals were mainly north of Interstate 94.
- Normally, around 1/2" of an inch of rain falls during this time frame.
- As of the morning of October 15, rivers and stream flows range from below to normal in northeast Iowa and western Wisconsin, and near normal in southeast Minnesota.





Agricultural Impacts

- Since mid-July, soils have been gradually drying across the La Crosse Hydrologic Service Area (HSA).



For more details:

- [Iowa](#)
- [Minnesota](#)
- [Wisconsin](#)





Fire Hazard Impacts

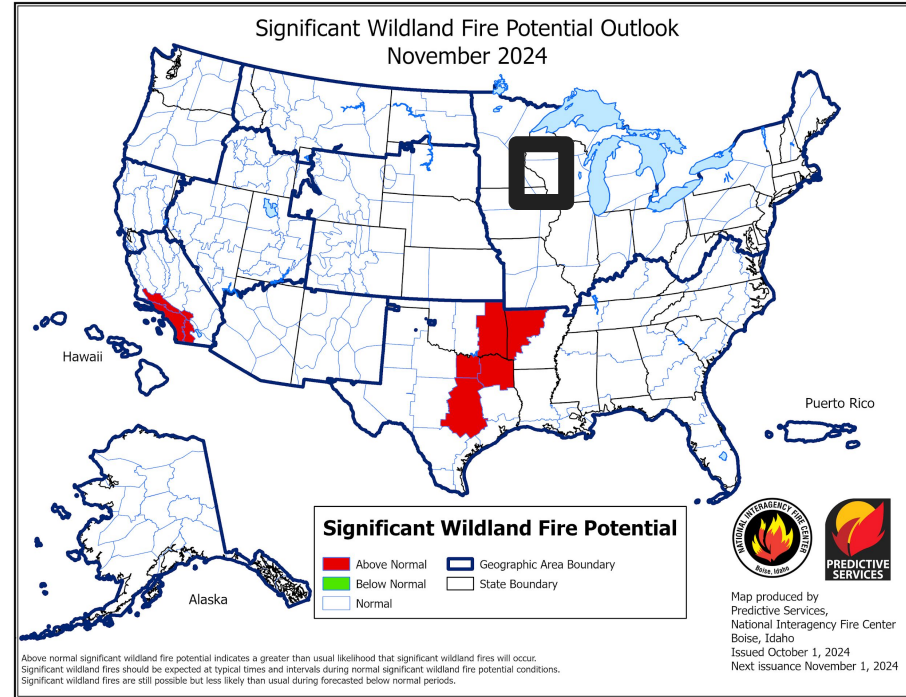
Link to [Wildfire Potential Outlooks from the National Interagency Coordination Center](#).

As of the morning of October 15, 2024,

- Fire danger was high (fires start easily started and spread at a high rate) in southeast Minnesota, and low (fires are not easily started) to moderate (fires start easily started and spread at a moderate rate) in northeast Iowa and western Wisconsin.
- In northeast Iowa, combine and other equipment fires were reported as weather conditions increased the risk of such fires.

For updated DNR Fire Conditions consult the following Web Sites:

- [Iowa](#)
- [Minnesota](#)
- [Wisconsin](#)

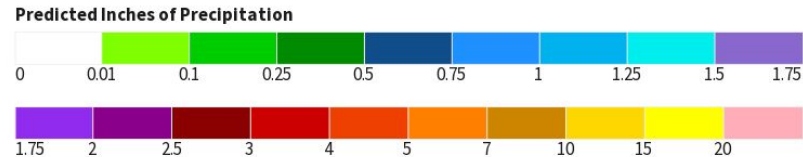
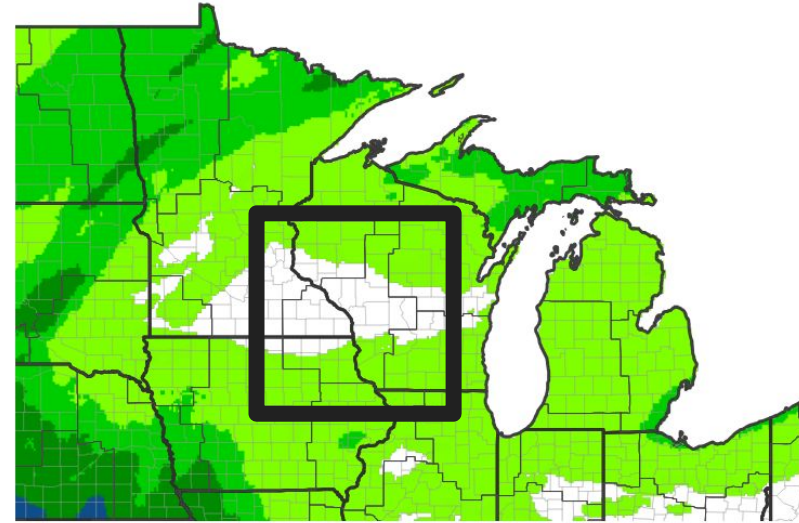




Seven Day Precipitation Forecast

- From October 17 through October 24, NOAA's Weather Prediction Center (WPC) is forecasting up to a tenth of an inch north of Wisconsin 29 and in northeast Iowa and southwest Wisconsin. Elsewhere no rain is expected.
- Normal precipitation is around ½" for this time period.

7-Day Quantitative Precipitation Forecast for October 17, 2024–October 24, 2024



Source(s): National Weather Service Weather Prediction Center; image courtesy of Drought.gov Last Updated: 10/17/24



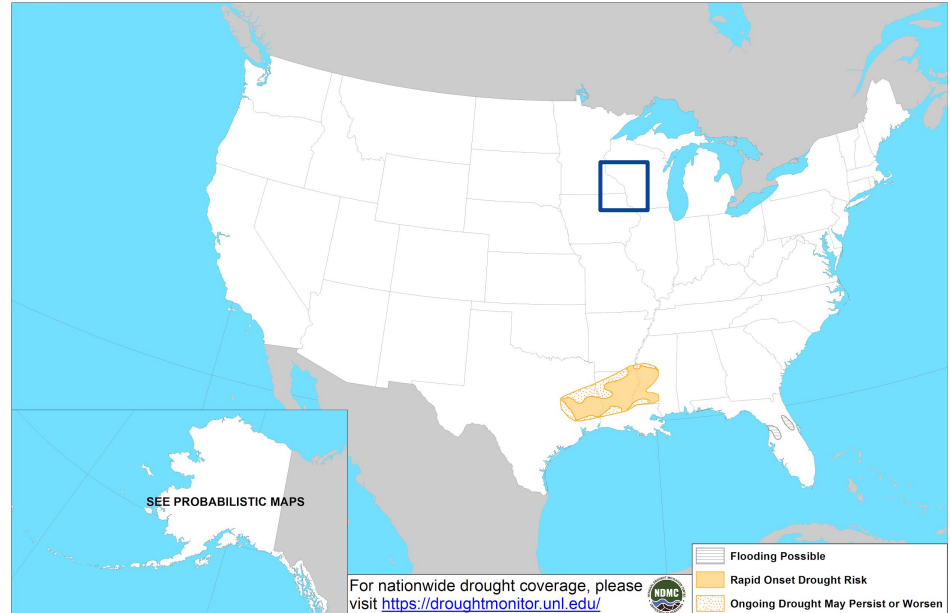
Rapid Onset Drought Outlook

Links to the latest Climate Prediction Center 8 to 14 day [Temperature Outlook](#) and [Precipitation Outlook](#).

- From October 25 through October 31, rapid onset drought (at least a 2-category degradation) is not expected in northeast Iowa, southeast Minnesota, and western Wisconsin.



Day 8-14 U.S. Hazards Outlook
Valid: 10/25/2024-10/31/2024



Climate Prediction Center
Made: 10/17/2024 3PM EDT

Follow us:
www.cpc.ncep.noaa.gov





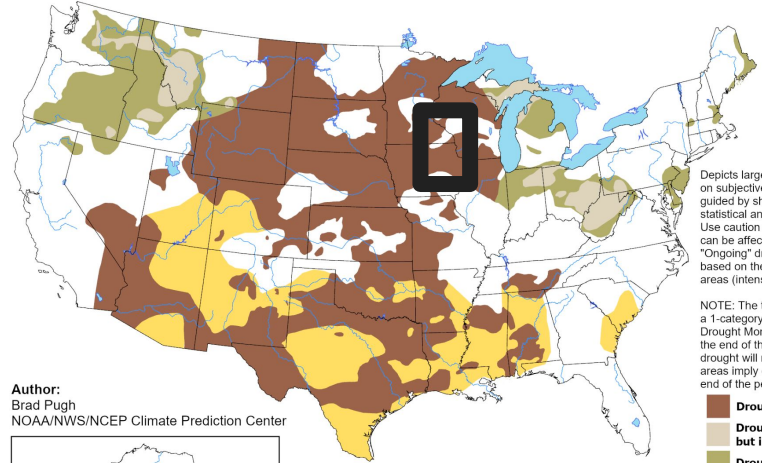
Drought Outlook

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

- Through the end of the year, the **D1 (Moderate Drought)** to **D2 (Severe) Drought** is expected to continue along and south of Interstate 90.

U.S. Seasonal Drought Outlook Drought Tendency During the Valid Period

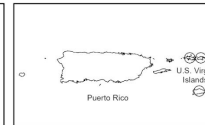
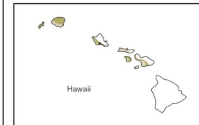
Valid for October 17, 2024 - January 31, 2025
Released October 17, 2024



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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NOAA/NWS/NCEP Climate Prediction Center



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



<https://go.usa.gov/3eZ73>

