



# Drought Information Statement for the Main Hawaiian Islands

Valid February 9, 2024

Issued By: WFO Honolulu, HI

Contact Information: [w-hfo.webmaster@noaa.gov](mailto:w-hfo.webmaster@noaa.gov)

- This product will be updated March 8, 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/hfo/DroughtInformationStatement> for previous statements.



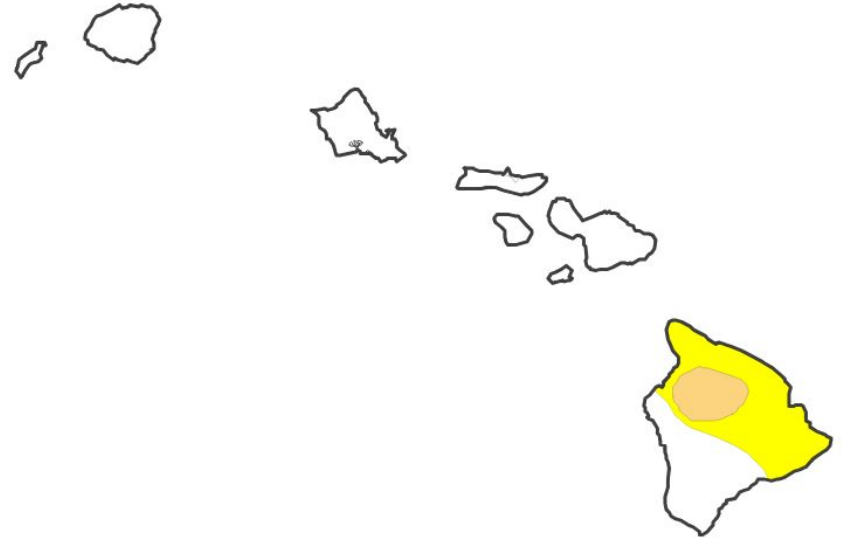


# U.S. Drought Monitor

Link to the [latest U.S. Drought Monitor](#) for the main Hawaiian Islands

- Several cold front passages during January almost removed all drought areas in the state.
- Drought intensity and Extent
  - D1 (Moderate Drought): Reduced to the central portions of the Big Island.

## U.S. Drought Monitor



## U.S. Drought Monitor



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

Data Valid: 02/06/24



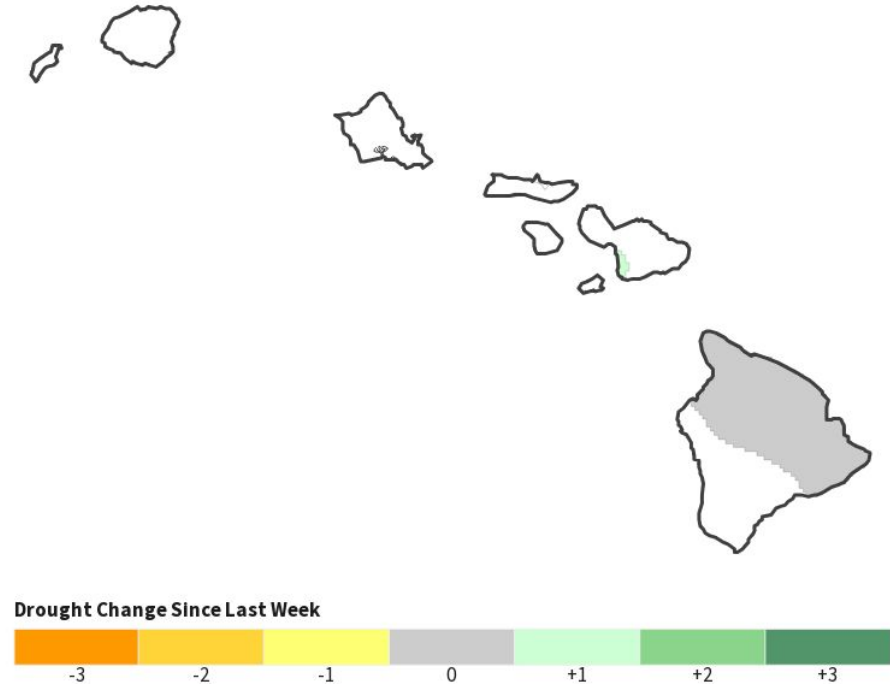


# Recent Change in Drought Intensity

Link to the latest [4-week change map](#) for the main Hawaiian Islands

- One Week Drought Monitor Class Change.
  - Little change over the past week since there's not much drought left.
- Four week Drought Monitor Class Change (link above).
  - Significant drought improvements from O'ahu to the Big Island.

## U.S. Drought Monitor 1-Week Change Map



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

Data Valid: 02/06/24





# Precipitation

- Most of the normally leeward areas in the state had above average rainfall during January.
- Several rain gages logged record January rainfall totals.
- The east- and northeast-facing slopes, and the interior sections of the Big Island had mostly below average rainfall.
- The wet conditions are very much abnormal for January during strong El Niño events such as the one currently in place over the Pacific.

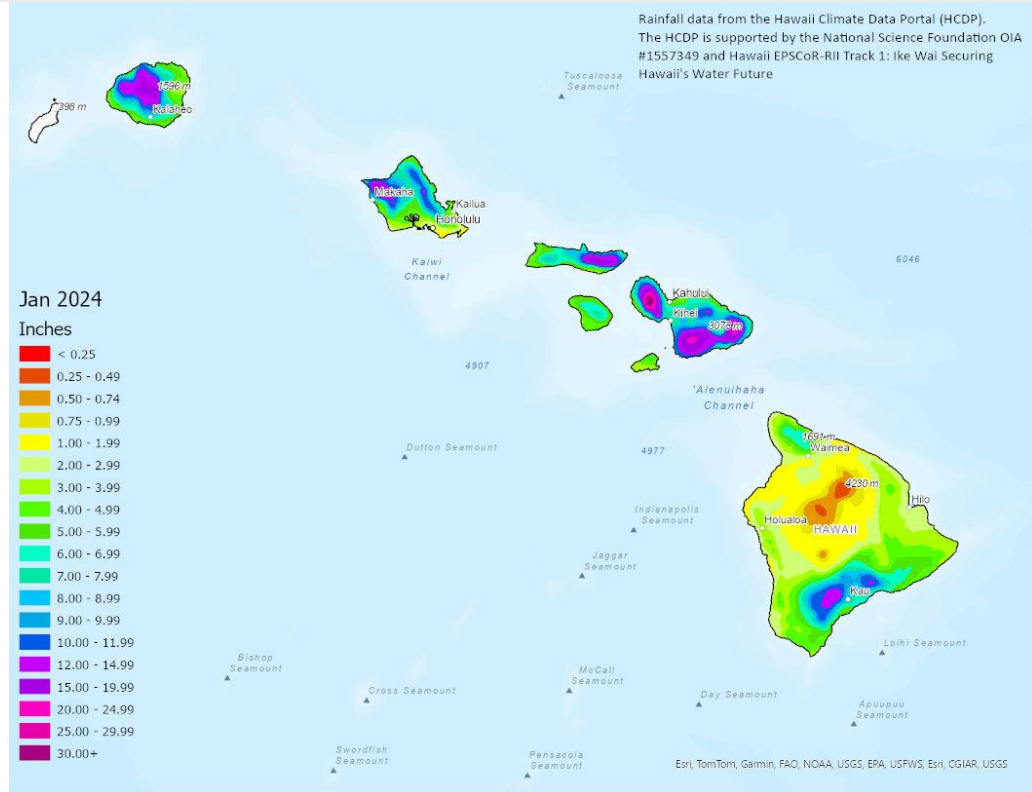


Image Captions: January 2024 rainfall totals (in inches) from the Hawai'i Climate Data Portal.





# Summary of Impacts

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

## Agricultural Impacts

- A continuation of wet conditions over the past month allowed for full drought recovery on O‘ahu and Maui County. Vegetation conditions remain dry along portions of the leeward slopes of Mauna Kea and the Humu‘ula Saddle region on the Big Island.

## Mitigation Actions

- A Stage 1 Water Shortage for the Upcountry water service area on Maui remains in effect. The Stage 1 Water Shortage puts restrictions on the use of water for certain activities such as irrigation, watering lawns, washing vehicles, and other non-essential activities.

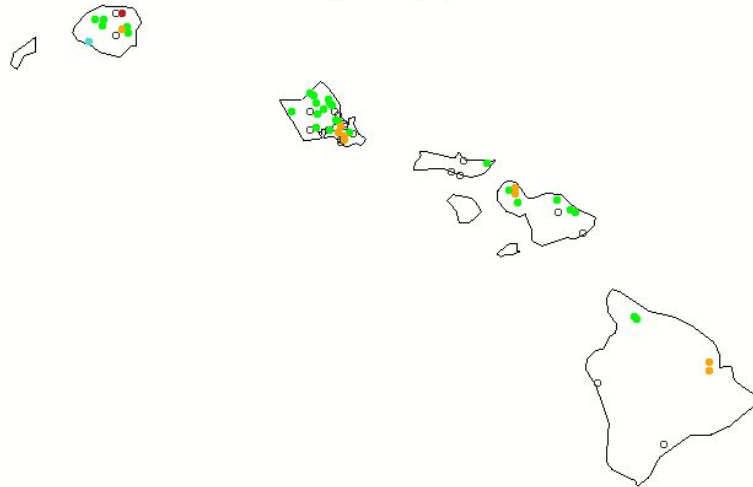




# Hydrologic Conditions and Impacts

- Most of the gages across the state indicated normal 14-day average flow levels.
- The 28-day average flow levels are mostly in the normal range across the state. Most of the below normal sites are on O‘ahu.

Thursday, February 08, 2024



Explanation - Percentile classes							
Low	<10 Much below normal	10-24 Below normal	25-75 Normal	76-90 Above normal	>90 Much above normal	High	Not-ranked

Image Caption: USGS 14 day average streamflow map valid February 8, 2024.

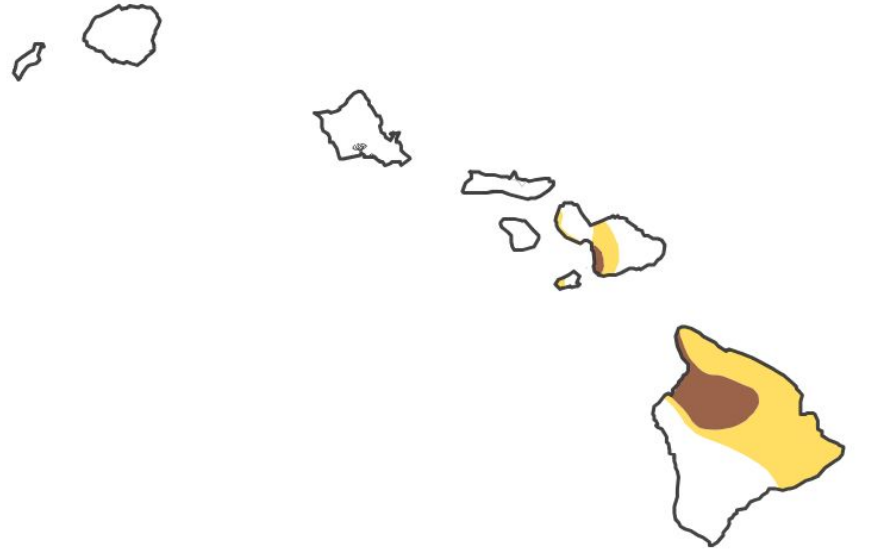




# Drought Outlook

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

- Climate models favor below normal precipitation across the main Hawaiian Islands into spring 2024, which may result in the redevelopment of drought in some areas.



**Drought Is Predicted To...**



Image Caption:

Climate Prediction Center Monthly Drought Outlook Released Jan 31, 2024 valid for Feb 2024

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)

