



Drought Information Statement for the Main Hawaiian Islands

Valid November 15, 2024

Issued By: WFO Honolulu, HI

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

- This product will be updated December 12, 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.
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- Extreme drought over the lower leeward slopes of Kauaʻi and Molokaʻi. Severe drought remains over leeward Oʻahu, Maui, and Lānaʻi.



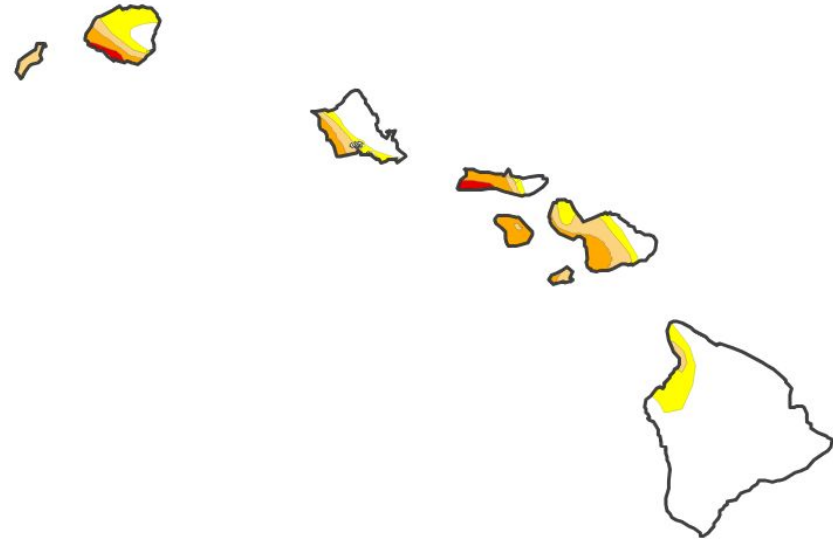


U.S. Drought Monitor

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

- Leeward areas remained generally dry while windward areas received rainfall.
- Drought intensity and Extent
 - **D3 (Extreme Drought)**: Developed over leeward Moloka'i, and remains over leeward Kaua'i.
 - **D2 (Severe Drought)**: Remains over leeward Kaua'i and O'ahu, and increased in coverage over Maui County.
 - **D1 (Moderate Drought)**: Remains over most leeward areas from Maui to Kaua'i, and a small portion of the Big Island.
 - **D0: (Abnormally Dry)**: Remains over most leeward areas from Maui to Kaua'i, and the South Kohala District of the Big Island.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 11/12/24



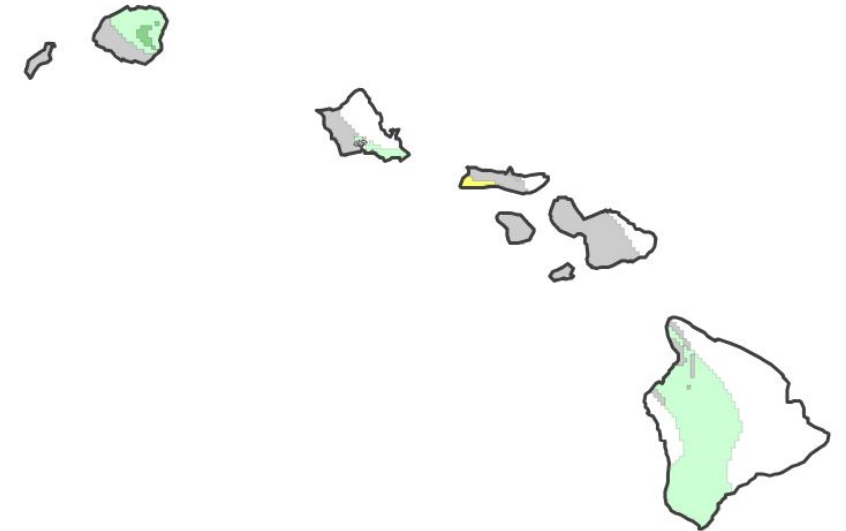


Recent Change in Drought Intensity

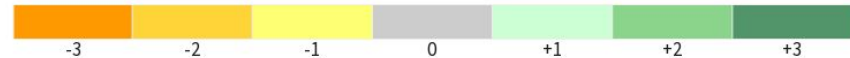
Link to the latest [4-week change map](#) for the main Hawaiian Islands

- One Week Drought Monitor Class Change.
 - Drought worsened: Leeward Moloka'i.
 - Drought improved: Windward Kaua'i and leeward Big island.
 - No Change: Leeward areas from Maui County to Kaua'i.
- Four Week Drought Monitor Class Change.
 - Drought worsened: Some of the leeward and interior sections of Maui County.
 - Drought improved: Most of the Big Island, and windward areas from Maui County to Kaua'i.
 - No Change: Some of the leeward areas from Maui County to Kaua'i, and portions of the North Kona and South Kohala Districts on the Big Island.

U.S. Drought Monitor 1-Week Change Map



Drought Change Since Last Week



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

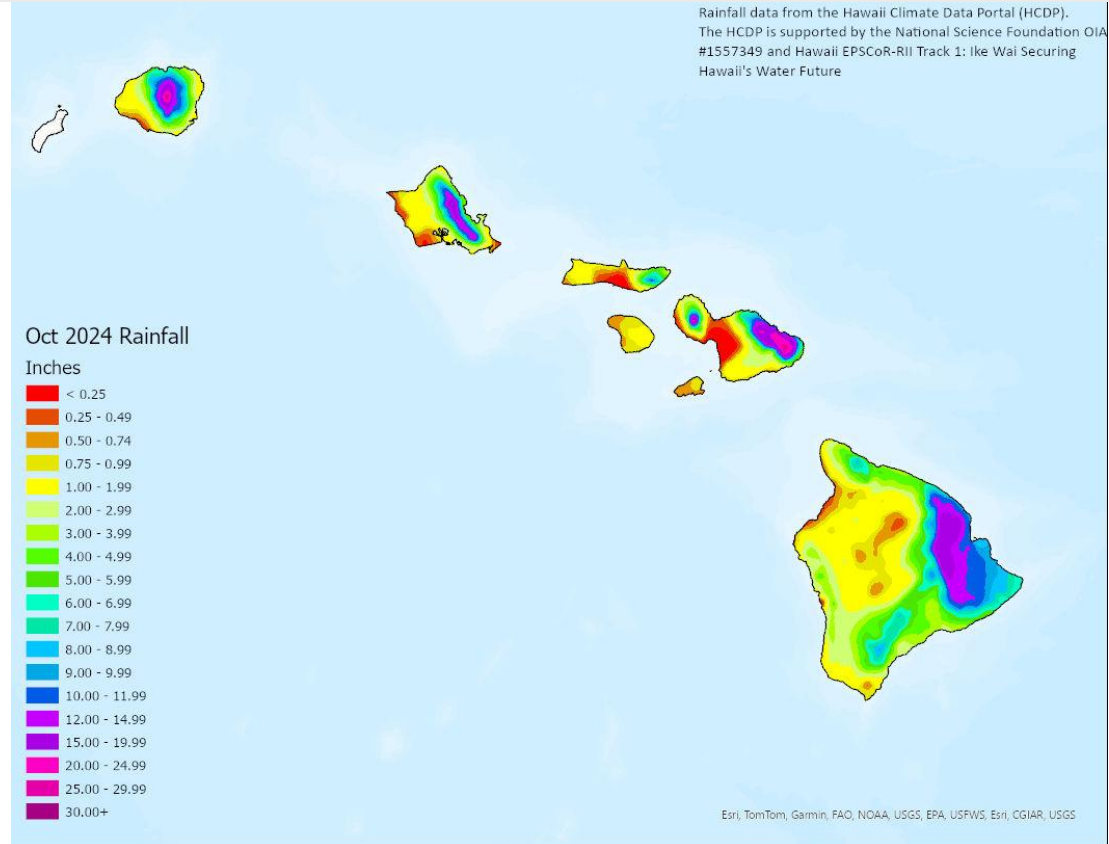
Data Valid: 11/12/24





Precipitation

- After a relatively dry first half of the month, an increase in low level moisture and unstable conditions aloft helped produce near to above average rainfall over most of the windward slopes.
- Leeward areas, especially from Maui to Kaua'i, had mostly near to below average rainfall.





Summary of Impacts

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

Hydrologic Impacts

- None.

Agricultural Impacts

- Rangelands in leeward areas of Kaua‘i and O‘ahu continue to indicate drought conditions (Hawai‘i Rangeland Information Portal).
- Rangelands in leeward areas of Maui County remain degraded (Condition reports and NDVI data).

Fire Hazard Impacts

- A brush fire in central Maui ignited on November 14 and continues today (November 15).

Other Impacts

- None.

Mitigation Actions

- None.





Hydrologic Conditions and Impacts

- The 14-day streamflow levels were near to above normal at nearly all sites in the state.
- The 28-day streamflow levels were near to above normal at nearly all sites in the state.

Thursday, November 14, 2024

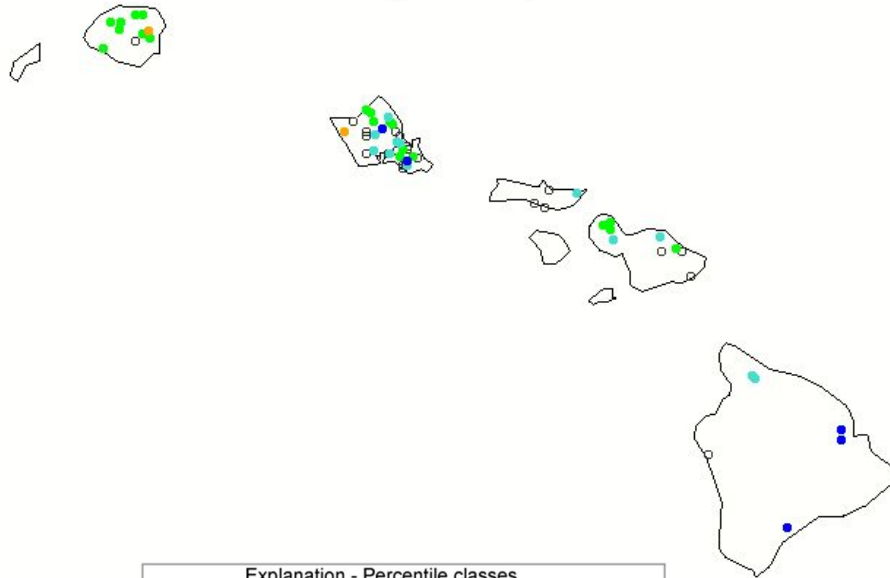


Image Caption: USGS 14 day average streamflow map.





Drought Outlook

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

Seasonal (3-Month) Drought Outlook for October 31, 2024–January 31, 2025

- Climate models favor above normal precipitation across the main Hawaiian Islands from late 2024 into spring 2025.
- Leeward drought is expected to improve or end over the next several months.



Drought Is Predicted To...



Source(s): Climate Prediction Center, image courtesy of Drought.gov

Last Updated: 10/31/24

Links to the latest:

[Climate Prediction Center Monthly Drought Outlook](#)

[Climate Prediction Center Seasonal Drought Outlook](#)



National Oceanic and
Atmospheric Administration

U.S. Department of Commerce

National Weather Service
Honolulu, HI