



Drought Information Statement for the Main Hawaiian Islands

Valid December 12, 2024

Issued By: WFO Honolulu, HI

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

- This product will be updated January 10, 2025 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 Molokaʻi, Maui, and Kauaʻi. Severe drought remains over leeward Oʻahu and Lānaʻi.



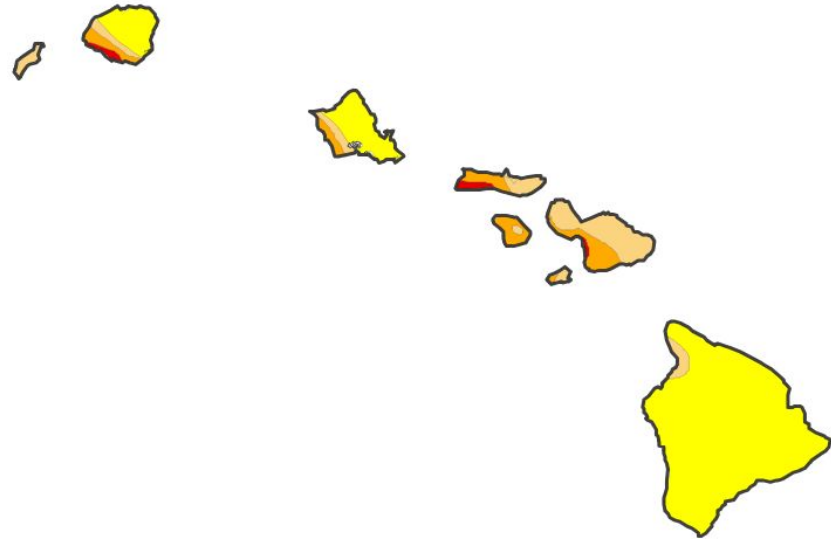


U.S. Drought Monitor

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

- Leeward areas remained generally dry while windward areas received rainfall over the past week.
- Drought intensity and Extent
 - **D3 (Extreme Drought)**: Developed over leeward Maui, and remains over leeward areas of Kaua'i and Moloka'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)**: Covers the rest of the state not under D1 through D3 conditions.

U.S. Drought Monitor



U.S. Drought Monitor



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

Data Valid: 12/10/24



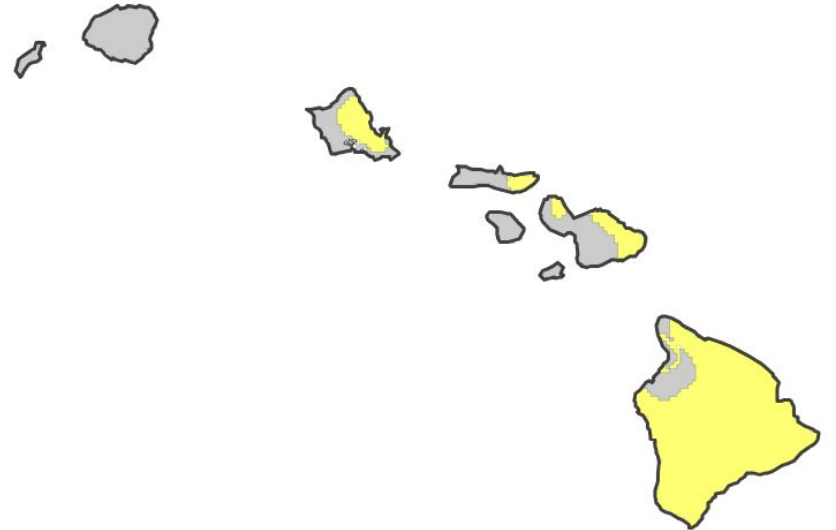


Recent Change in Drought Intensity

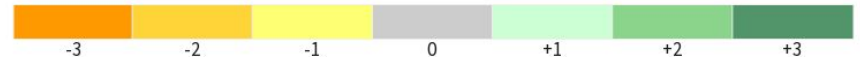
Link to the latest [4-week change map](#) for the main Hawaiian Islands

- One Week Drought Monitor Class Change.
 - Drought worsened: Most of the Big Island, and windward areas of O‘ahu and Maui County.
 - Drought improved: None.
 - No Change: Kaua‘i County, and leeward areas from O‘ahu to the Big Island.
- Four Week Drought Monitor Class Change.
 - Drought worsened: Most of the Big Island, and windward areas from Maui to Kaua‘i.
 - Drought improved: No significant areas.
 - No Change: Most of Kaua‘i County, and leeward areas from O‘ahu to 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

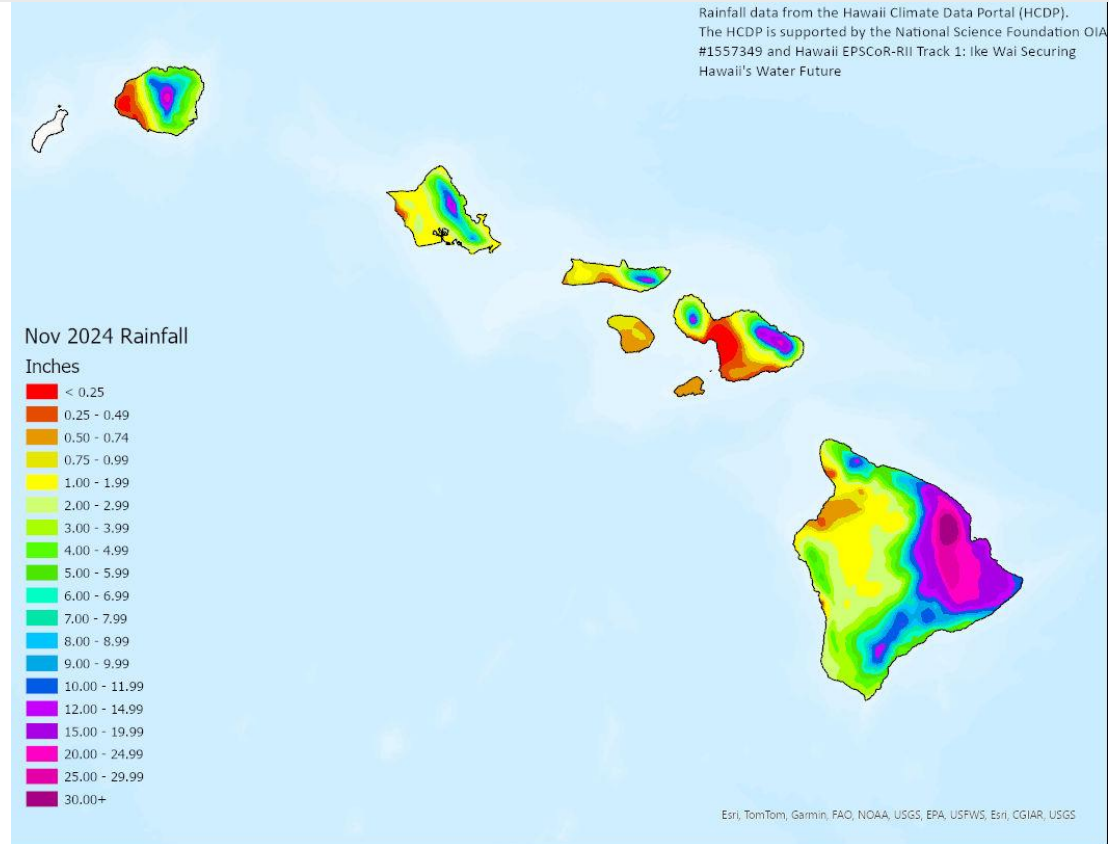
Data Valid: 12/10/24





Precipitation

- Most of the Big Island, the windward slopes of Maui, and the Ko'olau Range on O'ahu received significant rainfall in early November.
- Remaining areas of the state, especially along the lower leeward slopes, had mostly near to below average rainfall in November.





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 very dry (Condition reports from the USDA-FSA and the State Dept. of Ag.).

Fire Hazard Impacts

- None.

Other Impacts

- None.

Mitigation Actions

- None.

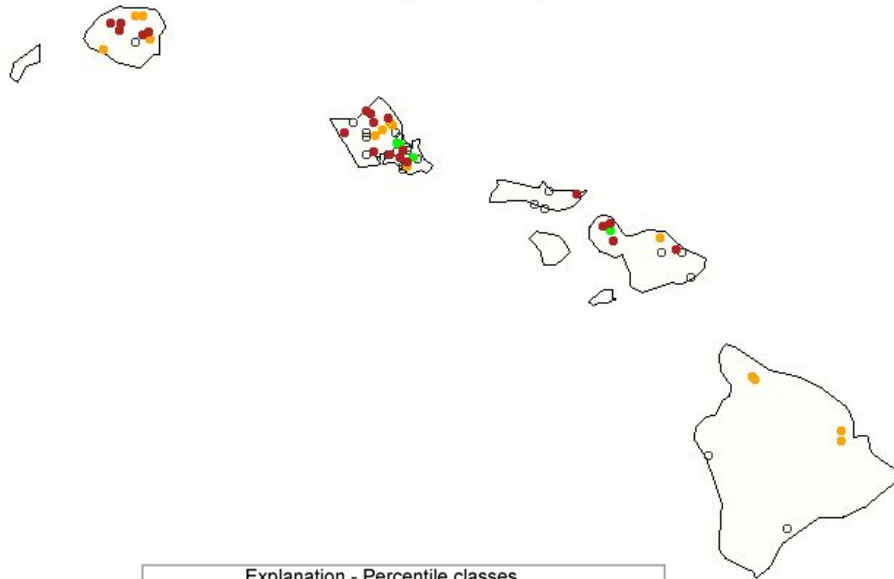




Hydrologic Conditions and Impacts

- The 14-day streamflow levels have dropped below normal at nearly all sites in the state.
- The 28-day streamflow levels were below normal at most of the sites from Kaua'i to Maui, and near normal at all of the Big Island sites.

Wednesday, December 11, 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	No Data

Image Caption: USGS 14 day average streamflow map.



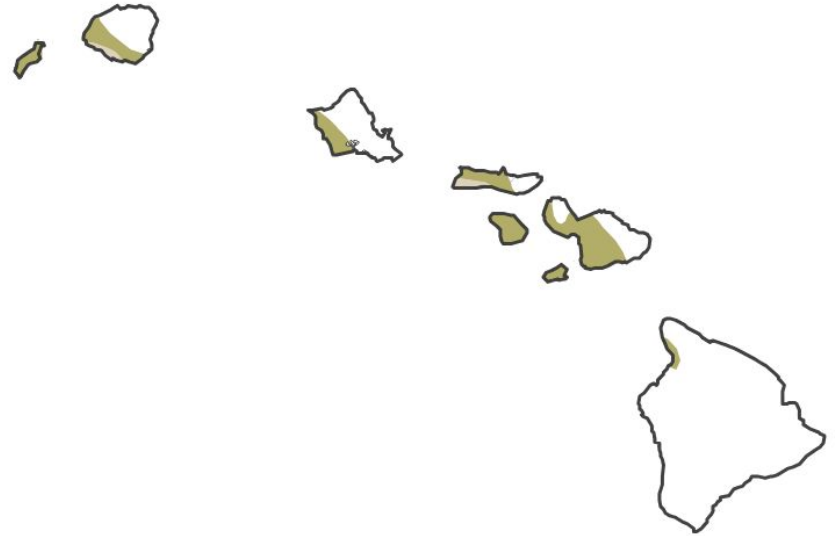


Drought Outlook

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

- Climate models favor above normal precipitation across the main Hawaiian Islands into spring 2025.
- Despite recent dryness, leeward drought is expected to improve or end over the next several months.

Seasonal (3-Month) Drought Outlook for November 30, 2024–February 28, 2025



Drought Is Predicted To...



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

Last Updated: 11/30/24

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
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