



Hawaii Crop Weather

Week ending: October 7, 2018

In Cooperation with the Hawaii Department of Agriculture

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Weather Review

On October 2, the U.S. Drought Monitor reported mostly normal conditions for the entire state. In Hawaii, dryness and drought was limited to two small leeward areas on Maui and the Big Island. During September 26-29, showers brought beneficial moisture to western Maui, dropping 3.23 inches on Lahainaluna (near the abnormally dry-moderately dry area. While 0-5.4 inches fell on other leeward locations of Maui. No changes were made this week in west Maui as assessments of ground conditions will not be ready until next week. Elsewhere, lighter showers (less than 1 inch) fell on the western Big Island, but it was not enough to make any improvements there. Moderate to heavy showers also fell on the remaining islands, assuring that no dryness will develop anytime soon. Complete information provided by the Drought Monitor can be found on their website at <http://droughtmonitor.unl.edu>. For the week ending on October 7, 2018, the state rainfall averaged 4.15 inches.

Hawaii County

The Waimea Irrigation Systems level at the Puukapu reservoir was marked at 50.00 feet (51.70 MG)

as of Wednesday, October 3, 2018, unchanged from the previous Friday reading. The Puu Pulehu reservoir was marked at 18.10 feet (104.00 MG) on October 3, unchanged from the prior Friday. A mandatory ten percent conservation remained in effect.

The Honokaia Reservoir was at 8.00 feet (1.00 MG) as of Wednesday, October 3, unchanged from the previous Friday reading.

The water level at the Paaulo reservoir was marked at 0 feet (0 MG) on Wednesday, October 3, unchanged from the previous Friday reading. The Paaulo and Honokaia Reservoirs feed into the Lower Hamakua Irrigation System where no conservation measures were in effect.

Honolulu County

The Waimanalo Irrigation System water level was marked at 44.50 feet (31.26 MG) as of Wednesday, October 3, 2018 down 3.00 feet from the previous Friday reading. No conservation measures were in effect.

Maui County

The Molokai Irrigation System water level was marked at 41.00 feet on Wednesday, October 3,

2018 down 0.25 feet the previous Friday reading. Conservation measures urged all non-homestead water users to cutback water consumption by ten percent.

The Waikamoi reservoir #1 water level was marked at 5.70 MG on Friday, October 5, 2018, down 4.50 MG from the previous Friday reading. The Waikamoi reservoir #2 water level was marked at 4.80 MG on the same day, a decrease of 5.40 feet from the previous Friday reading. Each reservoir has a 15.00 MG capacity.

The Kahakapao reservoir #1 was marked at 47.70 MG on Friday, October 5, 2018 up 0.50 MG from the previous Friday reading. The Kahakapao reservoir #2 water level was marked at 47.40 MG on the same day, up 0.40 MG the previous Friday reading. Each reservoir has a 50.00 MG capacity.

The Piiholo reservoir was recorded at 48.40 MG on Friday, October 5, 2018, down 0.30 MG from the previous Friday reading. This reservoir has a capacity of 50.00 MG.

Kathy King, State Statistician

