



National Weather Service

Storm Data and Unusual Weather Phenomena



July 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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HAWAII

HIZ002>005

Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore

01	0000HST	0	0	Drought
31	2359HST			

Rainfall amounts were generally less than average across the state. This was after two months of near to above average precipitation in many locations. This is a dry time of year in most areas, with the main exception being the Kona section of the Big Island of Hawaii where July is usually one of the wetter months. The Kona area was the place in July, however, having the greatest negative precipitation anomaly in the state. Since this a drier time of year for most locales in Hawaii, it does not take too much rainfall to make average. Therefore, those sections that were below average were often receiving very small amounts of rain. Also, in those areas where dependence on catchment water is critical, such as windward parts of Maui and the Big Island, below average rainfall occurred. Reports from other locations, however, indicated that sufficient precipitation fell to avoid serious short term water deficits

During the month, a ridge of high pressure remained strong north-northwest of the state. The position of the high was more to the northwest than average for July, and this kept Hawaii in an average, to slightly above average, trade wind regime for the month. Some locales received higher the average amounts of rainfall, while others were missed by most of the precipitation. One tropical system, the remnants of Hurricane Darby, moved by about 100 miles north of the islands as a disturbance. This increased showers in the state, with Kauai receiving the most rain.

Below are rainfall statistics for selected locations from around the state. The first column is rainfall for July. The second has the 30-year average for each location, while the third column is the percent of average rainfall for the month of July.

	July 98	Avg.	%Avg .
Oahu			
Honolulu	0.19	0.59	32
Waianae	0.03	0.3	10
Hawaii Kai	0.80	0.8	100
Manoa Lyon A.	6.59	13.2	50
Waialua	0.19	1.3	15
Ahuimanu (windward)	3.45	4.9	70
Maui			
Kahului	0.18	0.4	45
Hana	M	5.6	M
Kihei	0.02	0.1	20
Lahainaluna	0.00	0.3	0
Wailuku	1.32	1.5	88
Island of Hawaii			
Hilo	6.09	9.7	63
Pahala	0.01	2.1	0
Honaunau (Captain Cook)	2.49	7.3	34
Kamuela (Higher Elev.)	9.08	4.4	206
Kamuela	6.02	3.7	163
Laupahoehoe	M	10.0	M
Molokai			
Kaunakakai	0.09	0.2	45



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Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast

11	1200HST	0	0	High Surf
13	0500HST			

Storm low east of New Zealand caused surf of 4 to 6 feet along south shores of all Hawaiian Islands