



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2001

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

HIZ003-005>008

Kauai Leeward - Oahu South Shore - Waianae Coast - Oahu North Shore - Oahu Koolau

01	0000HST	0	0	Drought
31	2359HST			

Maui County

A wide range of totals were recorded by gages across Maui County, where rainfall amounts went from 0 percent of average at 3 locations to greater than 100 percent of average at 4 locations. Wetter than average conditions were recorded by both gages on Molokai, an area sorely in need of additional rainfall. On the island of Maui, the gage at Hana recorded the highest rainfall total of 3.96 inches (71 percent of average), while the gage at Kahakuloa showed the highest percent of average value at 117 percent (1.75 inches). Gages at Kihei, Waikapu, and Lahainaluna, on the other hand, recorded zero rainfall in July. For the Kihei site, this marked the fourth consecutive month without rain. Four gages around Maui County are now at 50 percent or higher for the year, but the other 11 sites vary from 6 percent to 38 percent of average rainfall for 2001.

Island of Hawaii

The Kau portion of the Big Island was the driest in July, where both gages in the area recorded totals at only 14 percent of average. However, for the second consecutive month, all four gages in the Kona section of the island recorded totals above 70 percent of average. The Kainaliu Upper gage recorded a total of 9.45 inches, the highest monthly amount since 9.90 inches in March 1997. This site also had the unusual distinction of having the highest single-day total for the month (3.01 inches on 12 July) across the Big Island, and this was the second month in a row that the highest single-day total came from the leeward, rather than the windward, side of the isle. Upslope pasture lands in South Kohala also received beneficial rains, with the Waikii gage recording 3.14 inches (393 percent of average). Rainfall totals for 2001 through the end of July have slipped below 70 percent of average in the Hilo area. Puna remained near average, and the remaining areas were mainly in the range of 40 to 60 percent of average.

The following list contains rainfall statistics for selected locations from Maui County and the island of Hawaii where there have been drought conditions. The first column is the observed rainfall for July. The second column is the 30-year average for each location, while the third column lists the percent of average for the month. The fourth and fifth columns are the year-to-date totals and the year-to-date percent of average, respectively.

	July 01	Avg.	%Avg.	YTD	YTD %Avg.
Maui					
Kihei	0.00	0.10	0	0.59	6
Lahainaluna	0.00	0.30	0	1.23	10
Kula	0.17	1.40	12	6.11	32
Ulupalakua	0.72	1.60	45	8.04	37
Molokai					
Kaunakakai	0.29	0.20	145	2.26	22
Kamalo	1.63	1.30	125	10.51	5 0
Lanai					
Lanai City	0.79	2.00	40	9.06	3 8
Island of Hawaii					
Honaunau	5.18	7.30	71	19.58	50
Kamuela (Upper)	5.65	4.40	128	17.54	4 8
Waiaha	5.77	7.00	82	21.03	48
Kahua Ranch	1.10	6.10	18	10.35	2 1
Kealakekua	6.67	8.70	77	23.27	52



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HAWAII

HIZ004-008	Kauai Mountains - Oahu Koolau	02	1200HST 1800HST		0	0			High Surf
<p>A trade wind swell caused surf of 4 to 6 feet along the east-facing shores of the island of Hawaii.</p>									
HIZ004-008	Kauai Mountains - Oahu Koolau	04	1100HST 2000HST		0	0			High Surf
<p>A trade wind swell produced surf of 5 to 8 feet along the east-facing shores of the island of Hawaii.</p>									
Honolulu County 3 SE Waialua		08	1211HST 1630HST		0	0			Wild/Forest Fire
<p>A brush fire burned 10 acres along Kaukonahua Road above Waialua, near the University of Hawaii Poamoho experimental farm. However, no structures were affected by the blaze, no homeowners were evacuated from the area, and no injuries or other significant damage were reported. Forty firefighters, along with their equipment, were needed to contain the fire.</p>									
HIZ001>008	Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast - Oahu North Shore - Oahu Koolau	10 13	0900HST 1200HST		0	0			High Surf
<p>A storm low in the Southern Hemisphere, in combination with a trade wind swell, generated surf of 6 to 10 feet along the east- and south-facing shores of all the Hawaiian Islands.</p>									
HIZ001>008	Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast - Oahu North Shore - Oahu Koolau	16 20	1130HST 1700HST		0	0			High Surf
<p>A storm low in the Southern Hemisphere, in combination with a trade wind swell, caused surf of 8 to 12 feet along the east-clockwise through southwest-facing shores of all the Hawaiian Islands</p>									
HIZ004-008	Kauai Mountains - Oahu Koolau	20 23	1700HST 1600HST		0	0			High Surf
<p>A trade wind swell produced surf of 4 to 6 feet along the east-facing shores of the island of Hawaii.</p>									
HIZ001>005-008	Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Oahu Koolau	25	0900HST 1500HST		0	0			High Surf
<p>A trade wind swell caused surf of 4 to 6 feet along the east-facing shores of all the islands except Lanai</p>									
HIZ001>005-008	Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Oahu Koolau	30 31	1100HST 2359HST		0	0			High Surf
<p>A trade wind swell generated surf of 6 to 10 feet along the east-facing shores of all the islands except Lanai.</p>									