



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2001

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

HAWAII

HIZ003-005>008

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

01	0000HST	0	0	Drought
30	2359HST			

Maui County

In what has become a rare occurrence in recent months, most of the gages in Maui County reported near to above average rainfall totals. The caveat, though, is that "average" for June at most locations is low; so a decent shower or two will bring the monthly total close to average. For example, the June total for Lahainaluna is 0.16 of an inch. Since the "normal" for the month is only 0.20, this total is 80 percent of that small average. Thus, for 2001 through the end of June, Maui County has been very dry with almost all totals below 50 percent of average.

Island of Hawaii

Leeward showers brought some relief to parched areas of Kona and South Kohala in June, especially from the 4th to the 6th. For the month of June, as a matter of fact, gages in the Kona districts reported near average rainfall. However, cumulative rainfall totals for the first six months of 2001 showed that most locations in the southern and western parts of the Big Island were in the 40 to 60 percent of average range.

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 June. 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 percent of average, respectively.

	June 01	Avg.	%Avg.	YTD	YTD %Avg.
Maui					
Kihei	0.00	0.10	0	0.59	6
Lahainaluna	0.16	0.20	80	1.23	1 0
Kula	1.09	1.10	99	5.94	34
Ulupalakua	1.48	1.90	78	7.32	36
Molokai					
Kaunakakai	0.46	0.30	153	1.97	20
Kamalo	1.29	1.30	99	8.88	45
Lanai					
Lanai City	2.62	1.40	187	8.27	38
Island of Hawaii					
Honaunau	5.99	7.00	86	14.40	45
Kamuela (Upper)	2.14	3.00	71	11.89	37
Waiaha	6.10	8.60	71	15.26	42
Kahua Ranch	0.80	4.30	19	9.25	21
Kealakekua	5.72	8.20	70	16.60	46

Drought conditions in parts of the Aloha State continue to harm agricultural and ranching interests. Some ranchers are wondering whether they should stay in the cattle business and are looking for other options. This includes Kahua Ranch, which will be the site of a wind farm being developed by Kahua Power Partners to generate 10 megawatts of electricity for the Big Island grid



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HAWAII

HIZ004-008

Kauai Mountains - Oahu Koolau

04	0800HST 1800HST				0	0			High Surf
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A trade wind swell produced surf of 4 to 6 feet along the east-facing shores of the island of Hawaii.

Honolulu County

**Kahuku to
Kaneohe**

05	0535HST 0835HST				0	0			Urban/Sml Stream Fld
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Heavy showers caused ponding of roadways and minor stream and drainage ditch flooding in windward sections of Oahu. No serious property damage or injuries were reported.

Maui County

**Maunaloa to
Lanai City**

05	1245HST 1515HST				0	0			Urban/Sml Stream Fld
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Heavy showers and thunderstorms produced minor stream and drainage ditch flooding and ponding of roadways on the islands of Molokai, Lanai, and Maui. Also, small hail was reported at 3500-foot elevation near Olinda in Upcountry Maui. However, no serious injuries or property damage were reported.

Honolulu County

**Honolulu to
Wahiawa**

05	1511HST 1600HST				0	0			Flash Flood
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An upper air low north of the Hawaiian Islands generated heavy showers and thunderstorms from southeast Oahu to central parts of the isle. Several roadways flooded to depths of 2 to 3 feet. Fast-moving water carried debris--mud and small rocks--onto a portion of the H-1 Freeway, closing two of three west-bound lanes for a few hours in the middle and later afternoon. High-velocity water flow caused similar problems in Makiki Heights, Nuuanu, and Pearl City, according to county civil defense officials

The heavy rains were likely a contributing factor in the death of a 50-year-old woman and the injury of a man in a collision between two vehicles on the H-2 Freeway near Mililani. The woman's car crossed a landscaped highway divider on the slick roadway and crashed into an oncoming van, injuring the male driver. The woman died at the scene.

Along with flash-flood conditions, small hail was reported at sea level at the Marine Corps Base Hawaii near Kaneohe. Lastly, lightning strikes knocked out power for more than 3500 customers of Hawaiian Electric.

Kauai County

Countywide

07 08	1900HST 0400HST				0	0			Urban/Sml Stream Fld
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Heavy showers caused minor stream and drainage ditch flooding and ponding of roadways. There were no reports of injuries or serious property damage.

HIZ001

Niihau

08	0700HST 1600HST				0	0			High Surf
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A trade wind swell generated surf of 4 to 6 feet along the east-facing shores of Kauai

HIZ001>006-008

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

11 13	0900HST 1200HST				0	0			High Surf
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HAWAII

A swell caused by a storm low in the Southern Hemisphere, in combination with a trade wind swell, produced surf of 4 to 6 feet along the south- and east-facing shores of all the Hawaiian Islands.

HIZ004-008

Kauai Mountains - Oahu Koolau

14	0800HST 1800HST				0	0			High Surf
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A trade wind swell caused surf of 4 to 6 feet along the east-facing shores of the island of Hawaii.

HIZ002

Kauai Windward

16	1300HST 1900HST				0	0			High Surf
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A trade wind swell produced surf of 4 to 6 feet along the east-facing shores of Oahu.

HIZ002

Kauai Windward

22	1000HST 1700HST				0	0			High Surf
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A trade wind swell generated surf of 4 to 6 feet along the east-facing shores of Oahu.

Honolulu County

.5 NE Kaneohe

22	1800HST 2100HST				0	0			Wild/Forest Fire
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A brush fire seared more than 30 acres of dry grassland near Marine Corps Base Hawaii. However, no serious property damage or injuries were reported.

Honolulu County

.5 S Waianae

23	1700HST 1900HST				0	0			Wild/Forest Fire
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A fire burned more than 40 acres of brush in the vicinity of Mailiili Road just south of Waianae. The fire came within 100 yards of the Waianae Comprehensive Health Center and within 50 yards of three nearby homes. However, no residents were evacuated; and no serious injuries or property damage were otherwise reported.

HIZ001>005-008

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

25 27	0800HST 1800HST				0	0			High Surf
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A trade wind swell caused surf of 5 to 8 feet along the east-facing shores of all the islands except Lanai