



National Weather Service

Storm Data and Unusual Weather Phenomena



April 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
30	2359HST			

Maui County

Most of Maui County remained very dry through April, with the exception being portions of windward Maui (e.g., Haiku) where rainfall conditions were near normal. Eight gages (7 on Maui, 1 on Molokai) reported totals below 15 percent of average. Shower activity over central Molokai during the second half of the month helped stabilize agricultural reservoir levels, though much more was needed to bring conditions back to normal.

Island of Hawaii

Dry weather persisted in leeward areas of the Big Island in April. Rainfall totals ranged from 40 to 60 percent of average in Kona to less than 35 percent of average in Kau and leeward Kohala

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 April. 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 total and percent of average, respectively.

	April 01	Avg.	%Avg.	YTD	YT D %Avg.
Maui					
Kihei	0.00	1.20	0	0.59	6
Lahainaluna	0.23	1.70	14	0.97	9
Kula	0.22	2.80	8	3.79	2 7
Ulupalakua	1.24	2.70	46	3.94	2 4
Molokai					
Kaunakakai	0.13	1.20	11	1.39	16
Kamalo	1.45	3.30	44	6.37	39
Lanai					
Lanai City	1.18	3.50	34	3.75	22
Island of Hawaii					
Honaunau	2.76	6.10	45	6.49	36
Kamuela (Upper)	2.38	6.90	34	9.37	37
Waiaha	3.39	6.40	53	5.66	2 9
Kahua Ranch	1.20	9.20	13	7.78	2 3
Kealahou	3.04	6.20	49	7.15	36

Drought conditions continue to affect parts of Maui County and the island of Hawaii, mainly leeward sections of the four isles. Farmers and ranchers have been suffering production losses into the millions of dollars. Some farmers have had to substantially reduce the amount of acreage where they can plant. Additionally, the costs of production are rising because farmers and ranchers are being forced to pay for water.



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HAWAII

Kauai County

Hanalei to
Waimea

**02 1230HST
1610HST** **0 0** **Flash Flood**

Heavy showers and thunderstorms--induced by an upper low southwest of Kauai--poured about 6 to 8 inches of rain (radar estimates) on northwestern parts of the isle. Segments of both the Kuhio and Kaunualii highways were closed for a time due to high waters flowing across the roadways. The Manoa Stream near Haena Beach Park ran so deep that the highway to Haena was closed for a while as well. Also, the road east of Fort Elizabeth, the "Russian Fort", at Waimea was closed temporarily due to water and debris washing across it. Water was more than two feet deep in low-lying areas of Waimea's business district. Police said that there were no reports of homes flooded, although a few businesses in Waimea suffered some damages (of an unknown dollar amount) and were still mopping out their store fronts as the weather improved later that afternoon.

HIZ001>007

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

03 1000HST **0 0** **High Surf**
04 0200HST

A storm low near Japan produced surf of 8 to 12 feet along the north and northwest shores of all the Hawaiian Islands.

HIZ001>005-008

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

03 1300HST **0 0** **High Surf**
15 0200HST

A strong trade wind swell generated surf as high as 8 to 12 feet along the east shores of all the isles except Lanai.

HIZ004-007

Kauai Mountains - Oahu North Shore

11 1700HST **0 0** **Wind Advisory**
12 1500HST

Strong high pressure northeast of the state produced east to northeast winds sustained at 30 mph, with gusts to 40 mph, in windward and leeward locations of the Kohala districts on the island of Hawaii. No serious property damage or injuries were reported

HIZ003

Kauai Leeward

12 0300HST **0 0** **Wind Advisory**
1500HST

Strong high pressure northeast of the Hawaiian Islands generated east to northeast winds sustained at 30 mph, with gusts to 43 mph, in locales in the central valley and western parts of Maui. A number of power outages on the isle were attributed to the high winds. However, no serious property damage or injuries were reported

HIZ001>006-008

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

13 0400HST **0 0** **High Surf**
15 1800HST

A storm low east of New Zealand caused surf of 6 to 10 feet along the south shores of all the islands

Hawaii County

2 SW Kailua Kona

17 0745HST **0 0** **Waterspout**
0830HST

A few waterspouts and funnel clouds were spotted off the shore from the North Kona District on the island of Hawaii. However, no property damage or injuries were reported.



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					Killed	Injured	Property	Crops	

HAWAII

HIZ001>005-008 **Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Oahu Koolau**
19 **1000HST** **0** **0** **High Surf**
21 **0600HST**

A trade wind swell produced surf of 4 to 6 feet along the east shores of all the Hawaiian Islands except Lanai.

HIZ004-008 **Kauai Mountains - Oahu Koolau**
21 **0600HST** **0** **0** **High Surf**
25 **1400HST**

A trade swell generated surf of 4 to 6 feet along the east-facing shores of the island of Hawaii.

HIZ001>005-008 **Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Oahu Koolau**
28 **0800HST** **0** **0** **High Surf**
30 **2359HST**

A trade wind swell caused surf of 6 to 8 feet along the east shores of all the islands except Lanai.

HIZ001 **Niihau**
29 **0800HST** **0** **0** **High Surf**
30 **1800HST**

A storm low in the southern hemisphere generated surf of 5 to 7 feet along the south-facing shores of Kauai