



National Weather Service

Storm Data and Unusual Weather Phenomena



March 1999

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

HAWAII

HIZ001>006	Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast								
	09	1730HST			0	0			High Surf
	10	2030HST							
	A storm low northwest of the island chain produced surf of 8 to 10 feet along north shores of all the Hawaiian Islands.								
HIZ001>006	Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast								
	17	0725HST			0	0			High Surf
		2000HST							
	A storm low northwest of the Hawaiian islands produced surf of 6 to 10 feet along northwest shores								
HIZ001>006	Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast								
	19	1400HST			0	0			High Surf
	22	2030HST							
	An intense storm that passed to the north of the Hawaiian Islands generated large surf of 12 to 18 feet with occasional 20 footers along north shores, and 8 to 12 feet along west shores of some of the islands.								

HIZ002>003	Kauai Windward - Kauai Leeward								
	20	0705HST			0	0			High Wind (48)
	21	1600HST							
	Wind gusts to 55 mph caused power failures and traffic problems in Oahu. There were many reports of downed trees and branches. A tree fell across Likelike Highway, and another tree was blown into power lines near the top of Tantalus Drive leaving about 200 customers without power for more than 10 hours. Two homes, one in Palolo and another in Wailupe, lost portions of their roof, due to high gusts.								
	On Maui, there were numerous smaller incidents, affecting about a dozen customers at a time, from falling tree limbs, especially upcountry.								

Maui County

Hana to Wailua	20	1730HST			0	0			Urban/Sml Stream Fld
	21	0300HST							
	There were occasional heavy showers over the windward areas and the west slopes of Haleakala. Heavy showers over higher sections of north slopes of Haleakala caused Kuhiwa Stream to overflow. A person was swept in Kuhiwa Stream, due to heavy showers. The person was rescued by helicopter about 2:15 a.m. on March 21.								

Hawaii County

Hawi to Hilo	20	2010HST			0	0			Urban/Sml Stream Fld
	21	0200HST							
	Heavy rain was observed in northern and eastern districts of Hawaii, especially over upslope areas. Some streams overflowed, and there was some minor flooding on streets and in residential areas. The rainfall totals for the past 24 hours are as follows:								

Honokaa	6.29 in.
Kahua Ranch	2.80 in.
Kamuela Upper	3.94 in.
Kamuela	3.19 in.
Laupahoehoe	2.82 in.
Waiakea Uka	3.61 in.
Mountain View	3.53 in.
Glenwood	4.26 in.

The heavy rain was caused by an upper level trough and moist unstable air mass.



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HAWAII

HIZ001>006

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

24	0000HST	0	0		High Surf
27	1600HST				

Swell from a storm far northwest of the Hawaiian Islands caused high surf of 12 to 15 feet along north shores the afternoon of March 24, and 4 to 8 feet along west shores of the islands on March 25.