



National Weather Service

Storm Data and Unusual Weather Phenomena



December 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

HIZ004-008	Kauai Mountains - Oahu Koolau						
	01	1400HST			0	0	High Surf
	17	1600HST					
	A strong trade wind swell produced surf of 10 to 16 feet along the east-facing shores of the island of Hawaii. Water occasionally flowed across Route 137 near Pohoiki Bay in the Puna District, causing traffic delays from time to time over the 16-day period						
HIZ004-007>008	Kauai Mountains - Oahu North Shore - Oahu Koolau						
	02	0620HST			0	0	High Wind (E61)
		1600HST					
	Strong mid-level ridging caused east winds of 50 to 70 mph near the summits of Mauna Kea and Mauna Loa on the Big Island of Hawaii. No serious property damage or injuries were reported.						
HIZ001>008	Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast - Oahu North Shore - Oahu Koolau						
	02	0915HST			0	0	Wind Advisory
	03	1600HST					
	A strong surface high north of the islands produced northeast to east winds of 30 to 40 mph, with gusts to 50 mph, across the state. The winds were strong enough to knock down some trees and power lines on the individual islands and blow the roofs off several structures. However, no serious injuries were reported.						
HIZ001>003-005	Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore						
	03	1200HST			0	0	High Surf
	16	0700HST					
	A strong trade wind swell generated surf of 10 to 15 feet along the east-facing shores of Kauai, Oahu, Maui, and Molokai.						
HIZ001>003-005>007	Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Waianae Coast - Oahu North Shore						
	06	1300HST			0	0	High Surf
	07	1000HST					
	A storm low far northwest of Hawaii caused surf of 10 to 15 feet along the northwest shores of all the islands.						
HIZ001>008	Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast - Oahu North Shore - Oahu Koolau						
	11	1700HST			0	0	Wind Advisory
	14	1000HST					
	The combination of a strong surface high northeast of the islands and an upper low passing south of the Hawaii generated northeast to east winds of 30 to 40 mph, with gusts to 55 mph, statewide. Trees and power lines were felled in the state, especially in Maui and on Oahu. Also in Maui, police said the strong winds contributed to the death of a motorcyclist who was riding on Honoapiilani Highway near Maalaea Harbor on the afternoon of the 13th. The strong winds blew off roof shingles at the King Kekaulike High School in Maui as well, forcing administrators to close the school early on the 13th						
HIZ004-007>008	Kauai Mountains - Oahu North Shore - Oahu Koolau						
	12	0800HST			0	0	High Wind (E87)
	14	1530HST					
	An upper-level low passing south of the islands produced east to southeast winds of 60 to 80 mph, with gusts to 100 mph, near the summits of Mauna Kea and Mauna Loa on the Big Island of Hawaii. No serious property damage or injuries were reported, though						



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HAWAII

HIZ004-007>008	Kauai Mountains - Oahu North Shore - Oahu Koolau								
	12	1000HST			0	0			Winter Storm
	14	1530HST							
	An upper-air low passing south of the islands produced east to southeast winds of 60 to 80 mph, with gusts to 100 mph, near the summits of Mauna Kea and Mauna Loa. The system dumped up to two feet of snow over the two days above the 12 thousand-foot level, and dropped wind chill temperatures well below zero degrees Fahrenheit. However, there were no reports of serious property damage or injuries.								
Maui County Countywide	12	1600HST			0	0			Urban/Sml Stream Fld
	14	1000HST							
	Heavy showers and rain caused ponding of roadways and minor stream and drainage ditch flooding throughout Maui County. Kilohana Elementary School in East Molokai was closed on the 13th due to a nearby road being impassable because of heavy ponding. No serious injuries or property damage were reported, however.								
HIZ003	Kauai Leeward								
	12	1830HST			0	0			High Wind (E61)
	14	1530HST							
	An upper-air low passing south of the state caused east to southeast winds of 50 to 70 mph near the summit of Mt. Haleakala in East Maui. No serious injuries or property damage were reported, however.								
HIZ001>003-005>007	Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Waianae Coast - Oahu North Shore								
	16	1200HST			0	0			High Surf
	17	0200HST							
	A storm low well northwest of the state generated surf of 12 to 20 feet along the northwest shores of all the islands.								
HIZ001>003-005>007	Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Waianae Coast - Oahu North Shore								
	23	0800HST			0	0			High Surf
	24	1400HST							
	A storm low far northwest of Hawaii caused surf of 12 to 18 feet along the northwest shores of all the islands.								
HIZ001>003-005>007	Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Waianae Coast - Oahu North Shore								
	25	1800HST			0	0			High Surf
	28	1200HST							
	A deep storm low south of the Aleutian Islands produced surf of 15 to 30 feet along the northwest-facing shores of all the Hawaiian Islands.								
HIZ001>008	Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast - Oahu North Shore - Oahu Koolau								
	28	1700HST			0	0			Wind Advisory
	31	0500HST							
	Southwest winds ahead of an advancing cold front were in the 30- to 40-mph range near the end of the month across the Hawaiian Islands. However, there were no reports of serious property damage or injuries.								
HIZ001>003-005>007	Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Waianae Coast - Oahu North Shore								
	29	1000HST			0	0			High Surf
	31	2359HST							



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HAWAII

A storm low far northwest of the state generated surf of 15 to 30 feet along the northwest-facing shores of all the islands.