



# National Weather Service

## Storm Data and Unusual Weather Phenomena



December 2003

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

#### Kauai County

Countywide

01	0830HST 1130HST				0	0			<b>Heavy Rain</b>
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A cold front moving through the island chain ignited showers and isolated thunderstorms. The precipitation produced minor stream and drainage ditch flooding, and ponding of roadways throughout the Garden Isle of Kauai. Landslides trapped two hikers for a time on the Kalalau Trail near Hanakoa Valley in Na Pali. They eventually flagged down Kauai County's Air 1 helicopter, which airlifted them safely back to Kee Beach. No serious property damage or injuries were reported.

#### Honolulu County

Countywide

01	0905HST 1400HST				0	0			<b>Heavy Rain</b>
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Heavy showers and isolated thunderstorms being generated by a passing cold front caused ponding of roadways, and minor stream and drainage ditch flooding on the island of Oahu. The heavy rains loosened large boulders and rocks that fell along a stretch of Kalaniana'ole Highway near Sea Life Park. Sections of the highway were closed for about three and a half hours after two separate rockslides. However, there were no reports of serious injuries or property damage.

#### Maui County

Lahaina to  
Maalaea

01	1045HST 1500HST				0	0			<b>Heavy Rain</b>
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Rain, heavy showers, and isolated thunderstorms accompanying a passing cold front produced minor stream and drainage ditch flooding, and ponding of roadways in southwest parts of Maui. The precipitation carried mud and other debris onto road surfaces, which forced the closure of some highways and streets for short periods of time. No serious injuries or property damage were reported.

#### Maui County

Maunaloa to  
Waialua

01	1400HST 1545HST				0	0			<b>Heavy Rain</b>
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Heavy showers and isolated thunderstorms with a cold front caused ponding of roadways, and minor stream and drainage ditch flooding over Molokai, especially the western half of the isle. There were no reports of serious injuries or property damage.

#### Maui County

6 SSE Pukalani to  
Ulupalakua

01	1430HST 1630HST				0	0			<b>Heavy Rain</b>
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A cold front moving through the state generated heavy showers and isolated thunderstorms, which affected Upcountry Maui during the afternoon hours on the 1st. As was the case elsewhere, the rain caused ponding of roadways, and minor stream and drainage ditch flooding. There were no reports of serious property damage or injuries, however.

#### Hawaii County

Kailua Kona to  
Kamuela

01	1900HST 2145HST				0	0			<b>Heavy Rain</b>
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Heavy showers associated with a cold front produced minor stream and drainage ditch flooding, and ponding of roadways in northern and western parts of the Big Island of Hawaii. No serious injuries or property damage were reported.



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### HAWAII

#### Hawaii County

**9 W Kamuela to  
Hawi**

<b>02</b>	<b>1020HST 1230HST</b>				<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Heavy showers caused ponding of roadways, and minor stream and drainage ditch flooding in areas of leeward Kohala on the Big Island of Hawaii. There were no reports of serious injuries or property damage.

#### HIZ001>006-008

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

<b>02 05</b>	<b>1100HST 0400HST</b>				<b>0</b>	<b>0</b>			<b>Heavy Surf/High Surf</b>
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A low north of the state and a trade wind swell generated surf of 10 to 15 feet along northwest- and north-facing shores, and 6 to 10 feet along east-facing shores, respectively, on all the islands. No serious injuries or property damage were reported

#### Hawaii County

**Pahala to  
Mountain View**

<b>02</b>	<b>1215HST 1900HST</b>				<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Heavy showers caused ponding of roadways, and minor stream and drainage ditch flooding in the Kau and Puna districts on the Big Island of Hawaii. However, no serious injuries or property damage were reported.

#### Honolulu County

**2.5 N Kahaluu**

<b>07</b>	<b>1300HST 2030HST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Heavy rain caused the Waikane Stream to overflow its banks and flood Kamehameha Highway between Kaaawa and Kahaluu, on the windward side of Oahu. Other flooding occurred on the isle, with ground floors of some homes being inundated with overflow from nearby streams. This was especially the case in central and windward areas, from Mililani to Kaneohe. No serious injuries were reported. Property damage estimates were not available

#### Honolulu County

**3.5 SE Aiea**

<b>07 08</b>	<b>2055HST 0220HST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
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Heavy rain and showers forced Moanalua Stream over its banks, which in turn flooded Moanalua Freeway near Moanalua Gardens in south-central Oahu. Many businesses close to the freeway, in Mapunapuna, suffered damage as flood waters flowed into ground floors of buildings and into other low-lying areas. Damage estimates were not available. No serious injuries were reported

#### HIZ004-008

**Kauai Mountains - Oahu Koolau**

<b>10 12</b>	<b>1500HST 1800HST</b>				<b>0</b>	<b>0</b>			<b>Heavy Surf/High Surf</b>
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A trade wind swell caused surf of 6 to 10 feet along the east-facing shores of the Big Island of Hawaii. There were no reports of serious property damage or injuries.

#### HIZ001>005-008

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

<b>17 19</b>	<b>0700HST 2000HST</b>				<b>0</b>	<b>0</b>			<b>Heavy Surf/High Surf</b>
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A storm low far northwest of Hawaii and a trade wind swell generated surf of 10 to 20 feet along the north- and northwest-facing shores and 6 to 12 feet along the east-facing shores, respectively, on all the isles except Lanai. However, there were no reports of serious injuries or property damage.



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### HAWAII

<b>HIZ004-007&gt;008</b>	<b>Kauai Mountains - Oahu North Shore - Oahu Koolau</b>								
	21	0400HST 1600HST			0	0			<b>High Wind (MS40)</b>
	North to northeast winds of 35 to 45 mph, with gusts to 50 mph, swept across the summits of Mauna Kea and Mauna Loa on the Big Island of Hawaii. There were no reports of serious property damage or injuries.								
<b>HIZ001&gt;003-005</b>	<b>Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore</b>								
	21 22	0600HST 2000HST			0	0			<b>Heavy Surf/High Surf</b>
	A deep low far northwest of the islands generated surf of 10 to 20 feet along the north- and northwest-facing shores of Kauai, Oahu, Molokai, and Maui. No serious injuries or property damage were reported.								
<b>HIZ004-007&gt;008</b>	<b>Kauai Mountains - Oahu North Shore - Oahu Koolau</b>								
	27 31	2015HST 1600HST			0	0			<b>Winter Storm</b>
	Several inches of snow accumulated at and near the summits of Mauna Kea and Mauna Loa over the last several days in December. Several times from the 27th to the 31st, winds in excess of 35 mph dropped visibilities below one quarter mile over 3 hour periods. There were no reports of serious injuries or property damage.								
<b>Honolulu County 4 N Makaha to Makakilo City</b>	28	1510HST 1650HST			0	0			<b>Heavy Rain</b>
	Heavy showers produced minor stream and drainage ditch flooding, and ponding of roadways in western sections of Oahu. There were no serious injuries or property damage reported.								
<b>HIZ004-008</b>	<b>Kauai Mountains - Oahu Koolau</b>								
	29 31	1200HST 1600HST			0	0			<b>Heavy Surf/High Surf</b>
	A trade wind swell caused surf of 6 to 10 feet along the east-facing shores of the Big Island of Hawaii. However, no serious property damage or injuries were reported.								
<b>HIZ003</b>	<b>Kauai Leeward</b>								
	29 30	1700HST 0400HST			0	0			<b>High Wind (MG84)</b>
	An upper low west of the state generated southwest winds of 40 to 60 mph, with one gust over 90 mph, at and near the summit of Mount Haleakala in East Maui. However, there were no reports of serious injuries or property damage.								
<b>HIZ007&gt;008</b>	<b>Oahu North Shore - Oahu Koolau</b>								
	29 30	2000HST 1000HST			0	0			<b>High Wind (MG75)</b>
	High pressure building east of the isles and low pressure west of the state combined to produce east to east/southeast winds of 40 to 60 mph, with gusts to 75 mph, in southern and southwestern parts of the Big Island of Hawaii. The area effected was from Captain Cook to South Point. The high winds tore the roofs off of at least two homes in Hawaiian Ranchos in the Kau District and knocked out electrical power to several thousand residents in Kau and in the South Kona District. The cost of damages to the homes was not available. There were no reports of serious injuries.								



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### HAWAII

#### Honolulu County

Countywide

30

1750HST  
2045HST

0

0

**Heavy Rain**

Heavy rain and showers caused ponding of roadways, and minor stream and drainage ditch flooding across the island of Oahu. No serious injuries or property damage were reported.

#### Honolulu County

Countywide

31

0405HST  
0700HST

0

0

**Heavy Rain**

Heavy showers produced minor stream and drainage ditch flooding, and ponding of roadways over the island of Oahu. However, there were no reports of serious property damage or injuries.