



# National Weather Service

## Storm Data and Unusual Weather Phenomena



February 2004

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

### HAWAII

**HIZ001-004-008**      **Niihau - Kauai Mountains - Oahu Koolau**

<b>01</b>	<b>0000HST</b>				<b>0</b>	<b>0</b>			<b>Heavy Surf/High Surf</b>
<b>02</b>	<b>1500HST</b>								

A trade wind swell generated surf of 6 to 10 feet along the east-facing shores of Kauai and the Big Island of Hawaii. There were no reports of serious injuries or property damage.

**HIZ001-004-008**      **Niihau - Kauai Mountains - Oahu Koolau**

<b>06</b>	<b>0800HST</b>				<b>0</b>	<b>0</b>			<b>Heavy Surf/High Surf</b>
<b>07</b>	<b>1400HST</b>								

A trade wind swell produced surf of 6 to 10 feet along the east-facing shores of Kauai and the Big Island of Hawaii. No serious property damage or injuries were reported.

**Honolulu County**  
**2 E Aiea**

<b>07</b>	<b>1640HST</b>		<b>1</b>	<b>15</b>	<b>0</b>	<b>0</b>			<b>Tornado (F0)</b>
	<b>1655HST</b>								

A small tornado was spotted in Halawa Heights on the island of Oahu. However, no serious injuries or property damage were reported.

**HIZ001>003-005-007**      **Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Oahu North Shore**

<b>11</b>	<b>0700HST</b>				<b>0</b>	<b>0</b>			<b>Heavy Surf/High Surf</b>
<b>14</b>	<b>1200HST</b>								

A storm low far northwest of Hawaii caused surf of 10 to 15 feet along the north-facing shores, and 6 to 12 feet along the west-facing shores, of Kauai, Oahu, Maui, and Molokai. The same system generated surf of 6 to 12 feet along the west-facing shores of the Big Island of Hawaii. No serious property damage or injuries were reported.

**HIZ001>003-005-007**      **Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Oahu North Shore**

<b>19</b>	<b>1000HST</b>				<b>0</b>	<b>1</b>			<b>Heavy Surf/High Surf</b>
<b>23</b>	<b>1700HST</b>								

A deep storm low off the east coast of Japan produced surf of 15 to 20 feet along the north-facing shores, and 10 to 15 feet along the west-facing shores, of Kauai, Oahu, Maui, and Molokai. The feature also caused surf of 10 to 15 feet along the west-facing shores of the Big Island of Hawaii. One surfer sustained severe head injuries near Mokuleia on the North Shore of Oahu on the morning of the 19th. The high surf also forced the closure of dozens of beaches on Kauai, Oahu, and the Big Island over the four-day event. Alii Drive near Kailua Kona on the Big Island was closed for a time, as well, as the higher surf kept inundating the roadway. However, there were no reports of serious property damage.

**Honolulu County**  
**Honolulu**

<b>26</b>	<b>1510HST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>1845HST</b>								

Heavy showers and thunderstorms associated with a cold front caused flooding along the Manoa Stream in Honolulu, near Kahaloa Drive. There were no reports of serious injuries or property damage, however.

**Kauai County**  
**1.5 E Hanalei**

<b>27</b>	<b>0400HST</b>				<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>0915HST</b>								

Thunderstorms and heavy rain triggered by a cold front produced flooding on and near the Hanalei Bridge on the Garden Isle of Kauai. This flooding closed Kuhio Highway for a time east of Hanalei. However, no serious injuries or property damage were reported.



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### HAWAII

**HIZ001>003-005-007**      **Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Oahu North Shore**

	27	0800HST			1	0			<b>Heavy Surf/High Surf</b>
	29	1800HST							

A deep storm low far northwest of the state generated surf of 15 to 25 feet along the north-facing shores of Kauai, Oahu, Maui, and Molokai, and 6 to 12 feet along the west-facing shores of those isles and the west-facing shores of the Big Island of Hawaii. A large wave at Waimea Bay on Oahu's North Shore swept a 20-year old female soldier, from Schofield Barracks, out to sea late in the evening on the 27th. She presumably drowned. No serious property damage or injuries were reported  
F20IW

**Kauai County**  
**Countywide**

	27	0915HST			0	0			<b>Heavy Rain</b>
		1215HST							

Heavy showers and thunderstorms produced ponding of roadways, and small stream and drainage ditch flooding on the island of Kauai. There were no reports of serious injuries or property damage.

**Honolulu County**  
**Countywide**

	27	1000HST			0	0			<b>Flash Flood</b>
		2000HST							

Heavy showers, rain, and thunderstorms with a cold front caused flooding over a good portion of the island of Oahu. Newspaper reports indicated problems from Waianae and Nanakuli in the west, to Mililani and Wahiawa in the central area, to Waikane and Kailua in the windward section, and to Honolulu and Hawaii Kai in the east. The rain produced flash flooding and mudslides that closed roadways, and damaged homes and businesses. The stormy weather was also responsible for several power outages across the isle. No serious injuries were reported. Cost of damages was not available.

**HIZ002>004-007>008**      **Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu North Shore - Oahu Koolau**

	27	1130HST			0	0			<b>High Wind (MG52)</b>
	28	2030HST							

Strong south winds ahead of a cold front, gusting to or slightly above 58 mph, downed power lines and trees from Oahu to the Big Island of Hawaii over the 27th and into the 28th of February. There were also reports that some roofs on homes and businesses were destroyed or significantly damaged by the blustery winds. Cost of damages was not available, however. No serious injuries were reported.

**Maui County**  
**Lahaina to Hana**

	27	1620HST			0	0			<b>Heavy Rain</b>
	28	0230HST							

Heavy rain, showers, and thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding on the Valley Isle of Maui. There were no reports of serious injuries or property damage.

**Maui County**  
**Lahaina to Kahului**

	27	1650HST			0	0			<b>Thunderstorm Wind (EG50)</b>
		1830HST							

Wind gusts from thunderstorms damaged several boats along coastal sections of West Maui and the northern portions of the Central Valley. Cost of damages was not available, however. There were no reports of serious injuries



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### HAWAII

#### Maui County

<b>9 ESE Kaunakakai</b>	27	1900HST 2330HST			0	0			<b>Flash Flood</b>
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Thunderstorms and heavy rain with a cold front generated flash flooding along Kamehameha V Highway near Kamalo on the island of Molokai. The deep water closed the highway near Kamalo for several hours. However, no serious property damage or injuries were reported.

#### Hawaii County

<b>Milolii to 3 NE Milolii</b>	27	2330HST 2340HST			0	0	750K		<b>Thunderstorm Wind (EG78)</b>
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Strong downburst winds from a thunderstorm destroyed three homes, severely damaged two others, and caused minor damage to two other residences in the southwest part of the Big Island of Hawaii, from Milolii to Papa. Many carports and storage sheds were destroyed or damaged as well. The stormy conditions also damaged or destroyed many macadamia nut trees, with agricultural losses topping \$750 thousand. (As an aside, agricultural losses for the entire state for the last several days of February as the cold front moved through the islands were estimated at between \$1.5 and \$2 million by the Hawaii Department of Agriculture.) The area damaged was along a 3-mile path, up to 800 feet wide in places. No damage estimates were available for the destroyed and damaged homes and other personal properties. Lastly, no serious injuries were reported.

#### Hawaii County

<b>2 SE Pahala to Volcano</b>	27 28	2330HST 0030HST	5	25	0	0			<b>Tornado (F0)</b>
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A tornado touched down in the Kau District on the Big Island of Hawaii. The twister mainly impacted Namakani Paio campground west of the town of Volcano and downed many trees in the area, especially cypress. Some homes in the area were damaged by the falling trees, and some power lines were snapped or downed. Cost of damages was not available. There were no reports of serious injuries.

#### Hawaii County

<b>Southwest Portion</b>	28	0020HST 1230HST			0	0			<b>Flash Flood</b>
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Heavy showers and thunderstorms associated with a cold front generated flooding along Highway 11, Hawaii Belt Road, near mile posts 57 and 105. The roadway was closed near those locations for a time as the water subsided. There were no reports of serious injuries or property damage.

#### HIZ003>004-007>008

<b>Kauai Leeward - Kauai Mountains - Oahu North Shore - Oahu Koolau</b>	28 29	0300HST 1030HST			0	0			<b>Winter Storm</b>
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A cold front moving through the Hawaiian Islands helped generate winter storm conditions at and near the summits of Mauna Kea and Mauna Loa on the Big Island of Hawaii, and at and near the summit of Haleakala in Maui. More than 6 inches of snow fell within 12 hours in each locale, and southwest winds were sustained at over 40 mph for long stretches of time. Thus, visibilities were reduced below a quarter of a mile for periods that exceeded 3 hours. However, no serious property damage or injuries were reported.