



# National Weather Service

## Storm Data and Unusual Weather Phenomena



March 2002

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

#### Hawaii County

<b>Honolulu</b>	05	1545HST 2030HST			0	0			<b>Flash Flood</b>
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Up to four inches of rain fell in northern and eastern parts of the Big Island of Hawaii during the afternoon and evening hours on the 5th of March. Four homes were flooded in Honolulu and two were hit by lightning. A landslide forced the closure of Highway 19 just on the Hilo side of the Honolulu turnoff for about 19 hours, beginning at 4 PM on the 5th. The closure of the highway, the main north to south artery in eastern Hawaii, snarled traffic and caused disruptions to normal activities from Honokaa to Hilo. However, no serious injuries were reported.

#### Hawaii County

<b>Kamuela to Honokaa</b>	06	0320HST 0440HST			0	0			<b>Heavy Rain</b>
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Heavy showers produced minor stream and drainage ditch flooding and ponding of roadways in northern and northeastern sections of the island of Hawaii. There were no reports of significant property damage or injuries.

#### Honolulu County

<b>Kahaluu to Pearl City</b>	06	0645HST 0945HST			0	0			<b>Heavy Rain</b>
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Heavy showers caused ponding of roadways and minor stream and drainage ditch flooding in windward and south central areas of Oahu. No serious injuries or property damage were reported.

#### Hawaii County

<b>Volcano to Pahala</b>	06	1435HST 1730HST			0	0			<b>Heavy Rain</b>
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Heavy showers produced ponding of roadways and minor stream and drainage ditch flooding in southeastern areas of the Big Island of Hawaii. However, there were no reports of significant property damage or injuries.

#### Hawaii County

<b>3 W Hilo to Pepeekeo</b>	06	1535HST 1830HST			0	0			<b>Heavy Rain</b>
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Heavy showers caused minor stream and drainage ditch flooding and ponding of roadways in and around Hilo town. No serious injuries or property damage were reported.

#### Kauai County

<b>Hanalei to Wailua</b>	07	0420HST 0635HST			0	0			<b>Heavy Rain</b>
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Heavy showers caused ponding of roadways and minor stream and drainage ditch flooding in windward and mountain areas of Kauai. There were no reports of significant property damage or injuries, however.

#### Honolulu County

<b>Hauula to Kaneohe</b>	07	0420HST 1010HST			0	0			<b>Heavy Rain</b>
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Heavy showers produced minor drainage ditch and stream flooding and ponding of roadways in windward parts of Oahu. However, no serious injuries or property damage were reported.

#### Honolulu County

<b>Countywide</b>	07	1505HST			0	0			<b>Heavy Rain</b>
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### HAWAII

#### 2225HST

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

#### Kauai County

5.5 NNW Anahola to  
Kapaa

07	1600HST				0	0			<b>Heavy Rain</b>
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Heavy showers caused ponding of roadways and minor drainage ditch and stream flooding in eastern and northeastern parts of Kauai. No significant property damage or injuries were reported.

#### Honolulu County

Kaaawa to  
Pearl City

09	2100HST				0	0			<b>Heavy Rain</b>
10	0015HST								

Heavy showers caused minor stream and drainage ditch flooding and ponding of roadways in windward and south central sections of Oahu. No serious injuries or property damage were reported, however.

#### HIZ001

#### Niihau

12	0700HST				0	0			<b>High Surf</b>
	2000HST								

A storm low far northwest of the state generated surf of 12 to 18 feet along the north- and northwest-facing shores of the Garden Isle of Kauai. However, no serious injuries or property damage were reported.

#### Kauai County

3 N Anahola to  
2.5 S Anahola

12	1300HST				0	0			<b>Heavy Rain</b>
	1620HST								

Heavy showers produced minor stream and drainage ditch flooding and ponding of roadways in and around Anahola in Kauai. There were no reports of serious injuries or property damage.

#### Honolulu County

Wahiawa to  
Waipahu

13	1245HST				0	0			<b>Heavy Rain</b>
	1610HST								

Heavy showers caused ponding of roadways and minor stream and drainage ditch flooding in central and southwest parts of Oahu. Small hail was also reported by a member of the public near Wahiawa. There were no reports of significant property damage or injuries, however.

#### HIZ004-008

#### Kauai Mountains - Oahu Koolau

16	0800HST				0	0			<b>High Surf</b>
19	1800HST								

A trade wind swell generated surf of 5 to 10 feet along the east-facing shores of the Big Island of Hawaii. No serious injuries or property damage were reported.

#### Honolulu County

Countywide

16	1240HST				0	0			<b>Heavy Rain</b>
	2145HST								

Heavy showers and thunderstorms being ignited by an advancing cold front produced ponding of roadways and minor stream and drainage ditch flooding over much of Oahu. No significant injuries or property damage were reported.

#### Kauai County

6 W Hanalei to

16	1630HST				0	0			<b>Heavy Rain</b>
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### HAWAII

#### 14 WSW Hanalei

**1930HST**

Heavy showers and thunderstorms being triggered by an advancing cold front caused minor stream flooding in northwestern areas of Kauai, along the Na Pali Coast. Twelve hikers were stranded near a swollen stream and had to be rescued by helicopter. However, there were no reports of serious injuries or property damage otherwise.

#### Maui County

##### Countywide

17

**0615HST  
0915HST**

0      0

**Heavy Rain**

A slow-moving cold front generated heavy showers and isolated thunderstorms over most of Maui County, which caused ponding of roadways and minor stream and drainage ditch flooding. However, there were no reports of serious injuries or property damage

#### HIZ001>003-005>007

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

17

**1030HST  
1900HST**

0      0

**Strong Wind**

Low pressure to the north of the islands and building high pressure to the west of Hawaii generated north to northeast winds of 30 to 40 mph, with gusts to 50 mph, from Kauai to the western parts of the Big Island. Three boats anchored off Mala Wharf on Maui broke loose from their moorings because of the strong winds, and two sailboats ran aground at the Mala boat launching ramp. Neither sailboat was severely damaged. Also, a rescue crew from Coast Guard Station Maalaea in Maui assisted a 37-foot vessel that had been demasted off Lanai late Monday, March 18th. There were no other reports of serious property damage or injuries.

#### Hawaii County

##### Kamuela to Pahala

17

**1400HST  
1700HST**

0      0

**Heavy Rain**

Heavy showers being induced by a weakening cold front were falling across northern, eastern and southern parts of the Big Island of Hawaii. However, there were no reports of serious injuries or property damage.

#### Kauai County

##### Anahola

24

**1455HST  
1510HST**

1

30

0      0

**60K**

**Tornado (F0)**

At 1455 HST, a tornado touched down in Anahola Valley near the park and then skipped over homes and moved toward Anahola's Bayview and Papaa areas before moving to the south end of neighboring Moloaa Valley and dissipating. Six homes sustained roof and wall damage in the Bayview and Papaa locales. Small trees and several sheds were also destroyed. The tornado track was not continuous. The average path width was 30 yards.

#### Kauai County

##### Hanalei

25

**0100HST  
2200HST**

0      0

**Flash Flood**

Heavy showers fell over much of northern and eastern sections of Kauai. The rainfall was heavy enough to cause flooding of roadways leading to and from the Hanalei Bridge, which was closed for 21 hours on the 25th because of the flooding

#### Kauai County

##### Countywide

25

**2250HST  
0215HST**

0      0

**Heavy Rain**

Heavy showers produced minor stream and drainage ditch flooding and ponding of roadways over most of the island of Kauai. There were no reports of significant property damage or injuries.



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### HAWAII

#### Kauai County

Hanalei to  
Lihue

26	1515HST 1700HST				0	0			<b>Heavy Rain</b>
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Heavy showers and thunderstorms caused ponding of roadways and minor drainage ditch and stream flooding in northern and eastern areas of Kauai. No serious property damage or injuries were reported, however.

#### Kauai County

Countywide

28 29	2200HST 0100HST				0	0			<b>Heavy Rain</b>
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Showers and thunderstorms produced minor stream and drainage ditch flooding and ponding of roadways across much of Kauai. However, there were no reports of significant injuries or property damage.

#### Kauai County

Countywide

29	0515HST 0855HST				0	0			<b>Heavy Rain</b>
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Heavy showers and thunderstorms caused ponding of roadways and minor stream and drainage ditch flooding over most of the Garden Isle of Kauai. There were no reports of serious injuries or property damage.

#### Kauai County

Kekaha to  
7 N Kalaheo

29	1100HST 1405HST				0	0			<b>Heavy Rain</b>
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Heavy showers produced minor drainage ditch and stream flooding and ponding of roadways in southwestern and central areas of Kauai. No serious injuries or property damage were reported, however.

#### Honolulu County

Countywide

29	1805HST 2100HST				0	0			<b>Heavy Rain</b>
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Heavy showers caused ponding of roadways and minor stream and drainage ditch flooding over most of Oahu. There were no reports of significant property damage or injuries.

#### HIZ001>007

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

30 31	0600HST 2359HST				0	0			<b>High Surf</b>
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A storm low north of the state generated surf of 15 to 20 feet along the north- and northwest-facing shores of all the islands and 6 to 10 feet along the west-facing shores of the Big Island of Hawaii. Lifeguards, especially on Oahu and Maui, were busy with helping several surfers and swimmers in distress over Saturday and Easter Sunday, the 30th and 31st of March, respectively. However, there were no reports of serious injuries or property damage.

#### HIZ004-007>008

**Kauai Mountains - Oahu North Shore - Oahu Koolau**

31	1140HST 2359HST				0	0			<b>High Wind (M51)</b>
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A jet stream over the Big Island of Hawaii produced west to southwest winds of 50 to 60 mph near the summits of Mauna Kea and Mauna Loa. However, there were no reports of significant property damage or injuries.



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### HAWAII WATERS

PHZ130

**Channels Between The Islands**

15 NW Barbers Point

16

1700HST  
1715HST

0

0

**Waterspout**

An airline pilot reported a waterspout in the Kauai Channel just west of the Waianae coast on Oahu. However, there were no reports that this weather phenomenon caused any serious injuries or property damage.