



# National Weather Service

## Storm Data and Unusual Weather Phenomena



October 2004

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

#### Honolulu County

<b>Ewa to Schofield Barracks</b>	<b>11</b>	<b>1948HST 2206HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Heavy showers caused ponding of roadways, and small stream and drainage ditch flooding in central and southwestern parts of the island of Oahu. No serious injuries or property damage were reported.

#### Hawaii County

<b>Pahoa to Volcano</b>	<b>11 12</b>	<b>2030HST 0200HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Heavy showers and thunderstorms produced small stream and drainage ditch flooding, and ponding of roadways in the Puna District on the windward side of the Big Island of Hawaii. There were no reports of serious property damage or injuries

#### Honolulu County

<b>Kailua to Wahiawa</b>	<b>12</b>	<b>1435HST 1545HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Heavy rain and showers brought small stream and drainage ditch flooding, and ponding of roadways to windward and central sections of Oahu. No serious injuries or property damage were reported.

#### Hawaii County

<b>Kawaihae to Kamuela</b>	<b>12 13</b>	<b>2255HST 0345HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Heavy showers produced ponding of roadways, and small stream and drainage ditch flooding in leeward Kohala on the Big Island of Hawaii. There were no reports of serious property damage or injuries.

**HIZ001>002-007>008-012>013-017-019>020**

**Niihau - Kauai Windward - Oahu North Shore - Oahu Koolau - Molokai Windward - Molokai Leeward - Maui Windward West - Maui Central Valley - Windward Haleakala**

	<b>13</b>	<b>0600HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Surf/High Surf</b>
	<b>14</b>	<b>2000HST</b>							

A storm low near the Aleutians generated surf of 10 to 15 feet along the north-facing shores of Niihau, Kauai, Oahu, Molokai, and Maui. However, there were no reports of serious property damage or injuries.

#### Maui County

<b>Nahiku to Kaupo</b>	<b>13</b>	<b>0703HST 1003HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Heavy rain and showers caused small stream and drainage ditch flooding, and ponding of roadways in eastern parts of the island of Maui. No serious injuries or property damage were reported.

#### Maui County

<b>Lanai City</b>	<b>13</b>	<b>1222HST 1434HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Heavy showers caused small stream and drainage ditch flooding, and ponding of roadways in and around Lanai City on the island of Lanai. There were no reports of serious property damage or injuries.

#### Honolulu County

<b>Wahiawa</b>	<b>13</b>	<b>1315HST 1330HST</b>			<b>0</b>	<b>0</b>			<b>Funnel Cloud</b>
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					Killed	Property	Crops

### HAWAII

A local resident reported spotting a funnel cloud over the town of Wahiawa on the island of Oahu. The funnel dissipated quickly and caused no serious problems for air traffic or individuals on the ground.

**Hawaii County**  
3 W Kamuela to  
Hawi

13	1945HST 2245HST				0	0		<b>Heavy Rain</b>
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Heavy showers caused ponding of roadways, and small stream and drainage ditch flooding in leeward Kohala on the Big Island of Hawaii. No serious injuries or property damage were reported.

**Kauai County**  
2 SW Wailua

15	1130HST 1325HST				0	0		<b>Flash Flood</b>
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Heavy showers over the Garden Isle of Kauai caused a flash flood threshold to be surpassed on a gage along the Wailua River. Kayakers paddling along the river became stranded near the Fern Grotto. However, they were later rescued. No serious property damage or injuries were reported.

**Hawaii County**  
Hilo to  
Glenwood

19 20	1930HST 0127HST				0	0		<b>Heavy Rain</b>
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Heavy showers produced small stream and drainage ditch flooding, and ponding of roadways in coastal and lower upslope areas of the South Hilo and Puna districts on the Big Island of Hawaii. No serious injuries or property damage were reported.

**Kauai County**  
Hanalei to  
Hanapepe

24 25	2127HST 0030HST				0	0		<b>Heavy Rain</b>
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Heavy rain and showers produced ponding of roadways, and small stream and drainage ditch flooding in the eastern half of the island of Kauai. There were no reports of serious injuries or property damage.

**Honolulu County**  
Countywide

25	1314HST 2012HST				0	0		<b>Heavy Rain</b>
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Heavy showers and thunderstorms caused small stream and drainage ditch flooding, and ponding of roadways across the island of Oahu. There were no reports of serious property damage or injuries.

**Kauai County**  
Kilauea to  
Lihue

25	1628HST 1909HST				0	0		<b>Heavy Rain</b>
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Heavy showers and rain produced small stream and drainage ditch flooding, and ponding of roadways in northeast and east sections of the Garden Isle of Kauai. However, no serious property damage or injuries were reported.

**Honolulu County**  
Mililani Town

25	1700HST 1710HST				0	0		<b>Funnel Cloud</b>
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A local resident sighted a funnel cloud over Mililani in central Oahu. The funnel dissipated quickly, and had posed no threat to air traffic or individuals on the ground.



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### HAWAII

#### Hawaii County

<b>Kawaihae to Honaunau</b>	<b>25</b>	<b>2201HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
	<b>26</b>	<b>0058HST</b>							

Heavy rain and showers produced small stream and drainage ditch flooding, and ponding of roadways in coastal and lower upslope areas of leeward Kohala and Kona on the Big Island of Hawaii. No serious injuries or property damage were reported.

#### Honolulu County

<b>1 SSE Kailua</b>	<b>26</b>	<b>1215HST</b>			<b>0</b>	<b>0</b>			<b>Funnel Cloud</b>
		<b>1230HST</b>							

The same individual who had sighted a waterspout off Lanikai Beach in windward Oahu also spotted a funnel cloud over the beach at about the same time. The funnel dissipated within a short time and never threatened air traffic or people on the ground.

#### Kauai County

<b>3 W Hanalei to Wailua</b>	<b>26</b>	<b>1600HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
		<b>1900HST</b>							

Heavy showers caused small stream and drainage ditch flooding, and ponding of roadways in north and northeast parts of Kauai. There were no reports of serious property damage or injuries.

#### Honolulu County

<b>Kahuku to Kaneohe</b>	<b>26</b>	<b>1945HST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
	<b>27</b>	<b>0252HST</b>							

A heavy rain event produced flash flooding over the windward slopes of the Koolau Mountains on Oahu. The areas hardest hit included the Kahuku High School campus and the Waikane and Waiahole areas. Three vehicles became stranded while attempting to cross an overflowing Waikane Stream. All vehicles were successfully recovered with no serious injuries to the vehicles' occupants. Inundation of the Kahuku High School campus damaged portions of the school's athletic complex. No damage estimates were available.

#### Kauai County

<b>Hanalei to Wailua</b>	<b>27</b>	<b>0647HST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
		<b>1130HST</b>							

Heavy rain and showers caused flash flooding that forced the closure of the Hanalei Bridge, just south of Princeville, in the northern part of Kauai. Minor flooding occurred in other areas of north and northeast Kauai. However, no serious injuries or property damage were reported.

**HIZ001>003-005>006-013>014-016-018>021-023>025**

**Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Waianae Coast - Molokai Leeward - Lanai Makai - Kahoolawe - Maui Leeward West - Maui Central Valley - Windward Haleakala - Leeward Haleakala - Kona - South Big Island - Big Island North And East**

	<b>28</b>	<b>0700HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Surf/High Surf</b>
	<b>30</b>	<b>1200HST</b>							

A deep low in the southern hemisphere produced surf of 5 to 10 feet along the south-facing shores of all the Hawaiian Islands. There were no reports of serious injuries or property damage.

#### Honolulu County

<b>Kailua to Kalihi</b>	<b>30</b>	<b>1945HST</b>			<b>0</b>	<b>0</b>	<b>80M</b>		<b>Flash Flood</b>
		<b>2200HST</b>							

Very heavy showers and thunderstorms generated flash flooding in southeast parts of the island of Oahu. The focus of the heaviest rain occurred over the southern portion of the Koolau Range, resulting in the Manoa Stream overflowing its banks and causing significant flooding in the Manoa Valley, including the University of Hawaii campus. Damages to businesses; to private homes and property; and to buildings and their contents at the university are estimated to be \$80 million, though they could go as high as \$100 million.



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### HAWAII

million. On the other hand, no serious injuries were reported.

#### Maui County

Hana	31	0148HST 0411HST			0	0			<b>Heavy Rain</b>
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Heavy showers caused ponding of roadways, and small stream and drainage ditch flooding in the extreme eastern parts of the Valley Isle of Maui, in and around the community of Hana. There were no reports of serious injuries or property damage.

#### HIZ002-024>025

#### Kauai Windward - South Big Island - Big Island North And East

31	0800HST 2359HST			0	0			<b>Heavy Surf/High Surf</b>
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A trade wind swell generated surf of 5 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.

#### Honolulu County

Ewa to Wahiawa	31	1411HST 1619HST			0	0			<b>Heavy Rain</b>
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Heavy showers and thunderstorms produced ponding on roadways, and small stream and drainage ditch flooding in central and southwest sections of Oahu. No serious property damage or injuries were reported.

### HAWAII WATERS

#### PHZ114

1 SE Kailua

#### Oahu Windward Waters

26	1200HST 1220HST			0	0			<b>Waterspout</b>
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An individual in Kailua on the island of Oahu spotted a waterspout off Lanikai Beach. After a time, the waterspout disappeared from view and apparently dissipated. There were no reports of serious property damage or injuries.

#### PHZ115

1 S Honolulu

#### Oahu Leeward Waters

31	1500HST 1515HST			0	0			<b>Waterspout</b>
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An individual at Ala Moana Beach on the island of Oahu spotted a waterspout about a mile south of Honolulu. The waterspout dissipated in less than 20 minutes and caused no serious injuries or property damage.