



# National Weather Service

## Storm Data and Unusual Weather Phenomena



January 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

#### Kauai County

1.5 ENE Hanalei	01	0742HST 0903HST			0	0	<b>Flash Flood</b>
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Heavy rain over the mountains in central Kauai caused many streams and rivers to become swollen and overflow their banks. The Hanalei River flooded near the Hanalei Bridge and forced the closure of the bridge and roadway for a time on the morning of the 1st. There were no reports of serious property damage or injuries, however.

#### Maui County

Lahaina to Lanai City	01	1220HST 1645HST			0	0	<b>Heavy Rain</b>
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Heavy showers and isolated thunderstorms produced ponding of roadways, and small stream and drainage ditch flooding in parts of West Maui and in Lanai. No serious property damage or injuries were reported.

#### Maui County

16.5 E Kaunakakai	01	1400HST 1645HST			0	0	<b>Flash Flood</b>
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Heavy showers, rain, and isolated thunderstorms forced the closure of Kamehameha V Highway near mile post 2 in East Molokai, near Waialua. However, there were no reports of serious injuries or property damage.

#### Maui County

Maunaloa to 15 E Kalaupapa	01	1745HST			0	0	<b>Heavy Rain</b>
	02	0015HST					

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

#### Honolulu County

Countywide	02	0954HST			0	0	<b>Heavy Rain</b>
	03	0500HST					

Intermittent heavy rain, showers, and isolated thunderstorms caused occasional mudslides that forced lane closures on some roadways across Oahu, most particularly Pali Highway near Kamehameha Highway, and Kaneohe Bay Drive. Power outages also occurred from time to time in many parts of the island. Backups of sewer lines, as well, caused raw sewage to be spilled into a few streets and streams. No serious injuries or property damage were reported.

#### Maui County

Maunaloa to 15 E Kalaupapa	02	1003HST			0	0	<b>Heavy Rain</b>
	03	1230HST					

Intermittent heavy rain, showers, and isolated thunderstorms produced small stream and drainage ditch flooding, and ponding of roadways over most of Molokai. There were no reports of serious property damage or injuries.

#### Maui County

10 NW Lanai City to 5.5 S Lanai City	02	1655HST			0	0	<b>Heavy Rain</b>
	03	1530HST					

Intermittent heavy rain, showers, and isolated thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding across the island of Lanai. The very damp conditions also forced the closure of the Lanai airport during the later afternoon hours on the 2nd. However, no serious injuries or property damage were reported.



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### HAWAII

#### Maui County

**Lahaina to  
Hana**

**02 1655HST  
03 1830HST**

**0      0**

**Heavy Rain**

Intermittent heavy rain, showers, and isolated thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding on the island of Maui. Power outages were not uncommon as the inclement weather persisted for more than 24 hours. However, there were no reports of serious injuries or property damage.

#### Hawaii County

**Countywide**

**03 0630HST  
1830HST**

**0      0**

**Heavy Rain**

Intermittent heavy rain, showers, and isolated thunderstorms produced small stream and drainage ditch flooding, and ponding of roadways on the Big Island of Hawaii. Isolated power outages also occurred across the isle. No serious injuries or property damage were reported.

#### HIZ001>005-007

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

**05 0700HST  
06 0900HST**

**0      0**

**Heavy Surf/High Surf**

A low 800 miles northwest of the state generated surf of 10 to 20 feet along the west- and north-facing shores of all the isles except Lanai. There were no reports of serious property damage or injuries.

#### HIZ001>007

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

**10 0400HST  
11 1400HST**

**0      0**

**Heavy Surf/High Surf**

A storm low far northwest of Hawaii produced surf of 15 to 25 feet along the north-facing shores, and 10 to 15 feet along the west-facing shores, of all the islands. No serious injuries or property damage were reported.

#### HIZ004-007>008

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

**12 0640HST  
15 0400HST**

**0      0**

**High Wind (MS70)**

Southwest to west winds sustained at 80 mph buffeted areas at and near the summits of Mauna Kea and Mauna Loa on the Big Island of Hawaii. There were no reports of serious injuries or property damage.

#### HIZ003

**Kauai Leeward**

**12 0640HST  
1600HST**

**0      0**

**High Wind (MG61)**

Southwest to west winds that gusted to 70 mph affected areas at and near the summit of Haleakala in East Maui. No serious property damage or injuries were reported, however.

#### HIZ001>003-005-007

**Niihau - Kauai Windward - Kauai Leeward - Oahu South Shore - Oahu North Shore**

**14 0400HST  
1600HST**

**1      0**

**High Wind (MG63)**

A fast-moving cold front brought strong winds to much of the Aloha State on the 14th. A significant number of trees and power lines were blown down, closing roads on Oahu and Kauai for several hours. Media reports indicated that over 100 homes on Oahu suffered roof damage. At least three homes on the Big Island of Hawaii and one on Maui also had roof damage. Power outages affected Kauai, Oahu, Maui, and the Big Island. Around 69,000 customers were without power on Oahu, several thousands on Maui and Kauai, and nearly 10,000 on the Big Island. Nine schools on Oahu closed early due to power failures and/or roof damage. One man was killed on Kauai while apparently camping. A portion of a tree blown down by high winds fell on his campsite and caused his death. No serious injuries were reported. The cost of damages across the state was not available.

M?CA



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### HAWAII

**HIZ003**                      **Kauai Leeward**

	14	0400HST			0	0			<b>High Wind (MG61)</b>
	15	0400HST							

Strong west to southwest winds that gusted to 70 mph occurred at and near the summit of Haleakala in East Maui. No serious injuries or property damage were reported.

**HIZ001>007**                      **Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast - Oahu North Shore**

	15	0500HST			0	0			<b>Heavy Surf/High Surf</b>
	16	2200HST							

A storm low far northwest of the state generated surf of 15 to 25 feet along the north-facing shores, and 10 to 15 feet along the west-facing shores, of all the Hawaiian Islands. However, no serious property damage or injuries were reported

**HIZ001>007**                      **Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast - Oahu North Shore**

	19	0800HST			0	0			<b>Heavy Surf/High Surf</b>
	23	0200HST							

A deep low far northwest of the Aloha State produced surf of 15 to 20 feet along the north-facing shores, and 8 to 12 feet along the west-facing shores, of all the islands. There were no reports of serious injuries or property damage.

**Honolulu County**  
**Countywide**

	22	2322HST			0	0			<b>Heavy Rain</b>
	23	0030HST							

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.

**Honolulu County**  
**Central Portion**

	22	2358HST			0	0			<b>Thunderstorm Wind (MG52)</b>
	23	0010HST							

A severe thunderstorm generated wind gusts to about 60 mph at and near Wheeler Army Airfield in central Oahu. However, there were no reports of serious injuries or property damage.

**Maui County**  
**Maunaloa to Lanai City**

	23	0130HST			0	0			<b>Heavy Rain</b>
		0430HST							

Heavy rain, showers, and thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding over the islands of Molokai and Lanai. No serious injuries or property damage were reported.

**Maui County**  
**Maalaea**

	23	0210HST			0	0			<b>Flash Flood</b>
		0430HST							

Heavy showers and thunderstorms forced the closure of Honoapiilani Highway near Maalaea Bay and the town of Maalaea. The heavy rain also caused small stream and drainage ditch flooding, and ponding of roadways in other parts of Maui. No serious property damage or injuries were reported.

**Maui County**  
**Spreckelsville**

	23	0210HST			0	0			<b>Lightning</b>
		0215HST							

Lightning struck a tree near a residence in Spreckelsville on the island of Maui. The electrical energy from the strike then ran along



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### HAWAII

the ground and damaged a fence and deck railing. The electrical charge also slightly stunned two men who were near the strike. The cost of the damages was not available. No serious injuries were reported.

**Hawaii County**  
**4 N Pahala**

23	0900HST 0945HST		0	0		<b>Flash Flood</b>
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Heavy rain and thunderstorms washed out a portion of Wood Valley Road between Pahala and Kapapala Ranch in the Kau District on the Big Island of Hawaii. However, no serious injuries or property damage were reported

**Hawaii County**  
**Hawi to  
Naalehu**

23	0930HST 1745HST		0	0		<b>Heavy Rain</b>
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Heavy rain, showers, and thunderstorms produced small stream and drainage ditch flooding, and ponding of roadways in eastern parts of the Big Island of Hawaii. There were no reports of serious property damage or injuries

**Hawaii County**  
**9 SW Kamuela to  
12 SW Kamuela**

23	1600HST 1730HST		0	0		<b>Flash Flood</b>
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Heavy showers and thunderstorms caused enough flooding to close a portion of Queen Kaahumanu Highway in West Hawaii for a time, and to damage some homes in Waikoloa Village. The cost of damages to the homes was not available. There were no reports of serious injuries.

**Hawaii County**  
**9.5 NW Laupahoehoe**

24	1420HST 1630HST		0	0		<b>Heavy Rain</b>
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Heavy showers and thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding in the communities of Paaui and Kukaiu in the Hamakua District on the Big Island of Hawaii. There were no reports of serious injuries or property damage.

**HIZ001>006**

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

24	1500HST		0	0		<b>Heavy Surf/High Surf</b>
25	1200HST					

A low northwest of the state generated surf of 10 to 15 feet along the north- and northwest-facing shores of all the Hawaiian Islands. There were no reports of serious injuries or property damage.

**Maui County**  
**8.5 NW Hana to  
6 NW Hana**

24	1530HST 1700HST		0	0		<b>Heavy Rain</b>
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Heavy rain, showers, and thunderstorms produced small stream and drainage ditch flooding, and ponding of roadways from Nahiku to Ulaino in windward East Maui. No serious injuries or property damage were reported

**Maui County**  
**Kalaupapa to  
15 E Kalaupapa**

24	1600HST 2000HST		0	0		<b>Heavy Rain</b>
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Heavy rain and thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding in central and eastern parts of Molokai, i.e., east of a line from Kalaupapa to Kamalo. No serious property damage or injuries were reported



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### HAWAII

#### Hawaii County

<b>9 NW Laupahoehoe to Hilo</b>	24	1900HST 2030HST			0	0			<b>Heavy Rain</b>
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Heavy rain, showers, and thunderstorms produced small stream and drainage ditch flooding, and ponding of roadways in windward sections of the Big Island of Hawaii, that included portions of the Hamakua, and North and South Hilo districts. No serious injuries or property damage were reported.

#### Maui County

<b>Spreckelsville to Hana</b>	24 25	2320HST 0220HST			0	0			<b>Heavy Rain</b>
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Heavy rain, showers, and thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding in windward parts of East Maui. There were no reports of serious property damage or injuries.

#### Honolulu County

<b>Mililani Town to Pearl City</b>	25	1330HST 1455HST			0	0			<b>Heavy Rain</b>
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Heavy rain, showers, and thunderstorms produced small stream and drainage ditch flooding, and ponding of roadways in central and south-central parts of Oahu. No serious injuries or property damage were reported.

#### Honolulu County

<b>Wahiawa to 4 SSE Aiea</b>	25	1335HST 1410HST			0	0			<b>Funnel Cloud</b>
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Several funnel clouds were reported by airplane pilots and a weather observer from near Wheeler Army Airfield to the Honolulu International Airport in the early afternoon of the 25th. Apparently, none of these funnels became tornadoes. There were no serious disruptions in air traffic caused by these phenomena.

#### Honolulu County

<b>3 NW Waipahu</b>	25	1345HST 1350HST	1	25	0	0			<b>Tornado (F0)</b>
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A tornado touched down about 1 mile northwest of Royal Kunia, or 3 miles northwest of Waipahu, on the island of Oahu. However, no serious injuries or property damage were reported.

#### Maui County

<b>Lahaina to Hana</b>	25	1440HST 1715HST			0	0			<b>Heavy Rain</b>
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Heavy showers and thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding across the island of Maui. No serious injuries or property damage were reported.

#### Hawaii County

<b>Hilo</b>	25	1515HST 1520HST			0	0			<b>Hail(0.75)</b>
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An off duty National Weather Service employee reported three-quarter inch hail in the afternoon of the 25th in North Hilo on the Big Island of Hawaii. However, no serious injuries or property damage were reported.

#### Hawaii County

<b>8 WSW Honokaa</b>	25	1630HST			0	0			<b>Flash Flood</b>
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### HAWAII

26     **0030HST**

Heavy showers and thunderstorms flooded a section of Highway 19 (Mamalahoa Highway) from mile post 15 to 19. This effectively shut down the road between Kamuela and Honokaa for several hours. However, no serious property damage or injuries were reported.

**Maui County**  
**Kalaupapa to**  
**Kaunakakai**

25     **1630HST**  
          **1930HST**

0     0

**Heavy Rain**

Heavy rain, showers, and thunderstorms produced small stream and drainage ditch flooding, and ponding of roadways in central parts of Molokai. There were no reports of serious injuries or property damage.

**Hawaii County**  
**7 NE Kailua Kona to**  
**8 SSE Kailua Kona**

25     **1850HST**  
          **2030HST**

0     0

**Heavy Rain**

Heavy showers and thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding in parts of the North Kona District on the Big Island of Hawaii. No serious property damage or injuries were reported.

**Honolulu County**  
**2 N Kahaluu**

25     **2015HST**  
          **2325HST**

0     0

**Flash Flood**

Heavy rain and thunderstorms produced flash flooding conditions along Kamehameha Highway near the Waikane Bridge. The highway had to be closed for a time to allow the flooding waters to subside. There were no reports of serious injuries or property damage.

**Hawaii County**  
**Hawi to**  
**Kamuela**

26     **1615HST**  
          **1740HST**

0     0

**Heavy Rain**

Heavy rain, showers, and thunderstorms produced ponding of roadways, and small stream and drainage ditch flooding in portions of the North and South Kohala districts on the Big Island of Hawaii. No serious property damage or injuries were reported.

**Hawaii County**  
**10 W Volcano to**  
**Pahala**

27     **1425HST**  
          **1630HST**

0     0

**Heavy Rain**

Heavy showers and thunderstorms caused small stream and drainage ditch flooding, and ponding of roadways in parts of the Kau District on the Big Island of Hawaii. There were no reports of serious property damage or injuries.

**Hawaii County**  
**Honokaa to**  
**Hilo**

29     **0730HST**  
          **1030HST**

0     0

**Heavy Rain**

Heavy showers and thunderstorms produced small stream and drainage ditch flooding, and ponding of roadways in windward sections of the Big Island of Hawaii, that included parts of the Hamakua, and North and South Hilo districts. No serious injuries or property damage were reported.

**HIZ001-004-008**

**Niihau - Kauai Mountains - Oahu Koolau**

30     **1400HST**  
31     **2359HST**

0     0

**Heavy Surf/High Surf**

A trade wind swell generated surf of 6 to 8 feet along the east-facing shores of Kauai and the Big Island of Hawaii. No serious injuries or property damage were reported.



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### HAWAII

#### Hawaii County

**Pahoa to  
Volcano**

<b>31</b>	<b>0245HST 0445HST</b>				<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
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Heavy showers and thunderstorms caused ponding of roadways, and small stream and drainage ditch flooding in the Puna District on the windward side of the Big Island of Hawaii. No serious injuries or property damage were reported.