



National Weather Service

Storm Data and Unusual Weather Phenomena



March 2004

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

10 WSW Kamuela	01	1700HST 2145HST			0	0			Flash Flood
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Heavy rain and showers caused flooding and forced the closure of Queen Kaahumanu Highway at Kamakoa Gulch in the South Kohala District on the Big Island of Hawaii. No serious property damage or injuries were reported.

Honolulu County

Kahuku to Waimanalo	02	0430HST 0730HST			0	0			Heavy Rain
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Heavy showers produced small stream and drainage ditch flooding, and ponding of roadways in windward sections of Oahu. There were no reports of serious injuries or property damage.

HIZ001>005-007

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

02	0600HST			0	0			Heavy Surf/High Surf
03	1900HST							

A storm low far northwest of the state generated surf of 10 to 20 feet along the north-facing shores, and 6 to 12 feet along the west-facing shores, of Kauai, Oahu, Molokai, Maui, and the Big Island of Hawaii. No serious injuries or property damage were reported.

Maui County

Kalaupapa to Kaunakakai	02	1050HST 1330HST			0	0			Heavy Rain
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Heavy showers and rain caused ponding on roadways, and small stream and drainage ditch flooding on the island of Molokai. However, there were no reports of serious injuries or property damage.

Hawaii County

Hawi to 9 SW Kamuela	02	1710HST 2015HST			0	0			Heavy Rain
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Heavy showers and rain produced small stream and drainage ditch flooding, and ponding of roadways in northern parts of the Big Island of Hawaii, from Hawi to Kamuela to Waikoloa. No serious property damage or injuries were reported.

HIZ001-004-008

Niihau - Kauai Mountains - Oahu Koolau

09	0800HST			0	0			Heavy Surf/High Surf
11	1600HST							

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.

HIZ003>004-007>008

Kauai Leeward - Kauai Mountains - Oahu North Shore - Oahu Koolau

11	0530HST 1430HST			0	0			High Wind (MG57)
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Strong winds, gusting over 55 knots, affected Haleakala summit in Maui, and the summits of Mauna Kea and Mauna Loa on the Big Island of Hawaii. There were no reports of serious property damage or injuries.

Kauai County

9.5 SW Hanalei to Lihue	13	0300HST 0900HST			0	0			Heavy Rain
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Heavy showers caused ponding of roadways, and small stream and drainage ditch flooding over northern and eastern parts of the Garden Isle of Kauai. No serious injuries or property damage were reported.



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HAWAII

Honolulu County

Pearl City to Hawaii Kai	13	1025HST 1330HST			0	0			Heavy Rain
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Heavy showers and rain over southern and eastern areas of Oahu produced small stream and drainage ditch flooding, and ponding of roadways. However, no serious property damage or injuries were reported

Maui County

5.5 NE Kokomo to Hana	13	1600HST 1745HST			0	0			Heavy Rain
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Heavy rain and showers caused small stream and drainage ditch flooding, and ponding of roadways in windward sections of East Maui. There were no reports of serious injuries or property damage.

Hawaii County

Kamuela	14	0940HST 1645HST			0	0	550K		Flash Flood
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Heavy rain and showers closed and damaged several roads in northern parts of the Big Island of Hawaii. The rain also forced Waikoloa Stream over its banks, and the flood waters in turn damaged water mains that supplied Kamuela with drinking water. Damages to the roadways alone were more than half a million dollars. There were no reports of serious injuries, however.

Hawaii County

Honokaa to Hilo	14	1915HST 2200HST			0	0			Heavy Rain
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Heavy rain and showers produced ponding of roadways, and small stream and drainage ditch flooding in windward parts of the Big Island of Hawaii. There were no reports of serious property damage or injuries.

Hawaii County

Hilo	15	1100HST 1850HST			0	0			Flash Flood
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Heavy showers caused overflowing streams in and around Hilo town on the Big Island of Hawaii. Highway 19--Hawaii Belt Road--was closed for a time near Wainaku because of flooding waters. However, no serious injuries or property damage were reported.

HIZ004-007>008

Kauai Mountains - Oahu North Shore - Oahu Koolau									
20	1430HST				0	0			High Wind (MS40)
21	1600HST								

Strong winds over the summits of Mauna Kea and Mauna Loa on the Big Island of Hawaii became sustained at or near 40 knots for much of the 20th and 21st of March. 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									
21	0700HST				0	0			Heavy Surf/High Surf
25	1800HST								

The combination of a low north of the state and a trade wind swell generated surf of 10 to 15 feet along the north-facing shores and 6 to 12 feet along the east-facing shores of Kauai, Oahu, Molokai, Maui, and the Big Island of Hawaii. However, no serious injuries or property damage were reported.

Hawaii County

Honokaa	22	0745HST			0	0			Flash Flood
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					Killed	Injured	Property	Crops	

HAWAII

1045HST

Heavy showers and rain caused several streams around the town of Honokaa to overflow their banks. The resultant flooding forced the closure of Highway 19 near the the community for several hours. There were no reports of serious property damage or injuries

Maui County

5.5 NE Kokomo to
Hana

22	1325HST 1900HST				0	0			Heavy Rain
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Heavy showers produced small stream and drainage ditch flooding, and ponding of roadways in windward areas of East Maui. No serious injuries or property damage were reported.

HIZ007

Oahu North Shore

22	1330HST 2000HST				0	2	0.20K		Wildfire
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A fire blackened about 400 acres of grass and scrub brush in the leeward section of the Big Island of Hawaii. The blaze was located near Kaupulehu, 2 miles upslope from Queen Kaahumanu Highway. The fire caused minor burns to two firemen and destroyed \$200 worth of PVC irrigation pipe.

Maui County

8 NW Wailuku to
Hana

23	0350HST 1100HST				0	0			Heavy Rain
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Heavy showers caused ponding of roadways, and small stream and drainage ditch flooding in windward parts of East and West Maui. There were no reports of serious property damage or injuries.

Hawaii County

4.5 WNW Honokaa

23	1130HST 1630HST				0	0			Flash Flood
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Heavy rain caused the Lower Hamakua Ditch to overflow its banks near the community of Kapulena. The flooding waters then forced the closure of Highway 240 for a time near the town. No serious injuries or property damage were reported, however.

Honolulu County

Kahuku to
Waimanalo

26	1555HST 1900HST				0	0			Heavy Rain
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Heavy showers caused small stream and drainage ditch flooding, and ponding of roadways in windward sections of Oahu. No serious injuries or property damage were reported.

Maui County

8.5 NW Hana to
8 SSW Hana

26	2040HST 2245HST				0	0			Heavy Rain
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Heavy showers produced ponding of roadways, and small stream and drainage ditch flooding in eastern parts of East Maui, from Nahiku to Hana to Kipahulu. There were no reports of serious property damage or injuries.

Maui County

8.5 NW Hana to
8 SSW Hana

27	0535HST 1445HST				0	0			Heavy Rain
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Heavy showers caused small stream and drainage ditch flooding, and ponding of roadways in eastern areas of East Maui, from



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HAWAII

Nahiku to Hana to Kipahulu. However, no serious injuries or property damage were reported

Hawaii County

**Hilo to
Pahala**

27	1015HST 1250HST				0	0			Heavy Rain
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Heavy showers produced ponding of roadways, and small stream and drainage ditch flooding in windward sections of the Hilo, Puna, and Kau districts on the Big Island of Hawaii. There were no reports of serious property damage or injuries

Hawaii County

**Hawi to
Laupahoehoe**

28	1920HST 2205HST				0	0			Heavy Rain
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Heavy showers caused small stream and drainage ditch flooding, and ponding of roadways in windward parts of the North Kohala, Hamakua, and North Hilo districts on the Big Island of Hawaii. However, no serious property damage or injuries were reported.