



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2002

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

### HAWAII

#### Maui County

1 W Maunaloa	03	1600HST 1615HST			0	0			Funnel Cloud
--------------	----	--------------------	--	--	---	---	--	--	--------------

A funnel cloud was spotted west of Maunaloa on the island of Molokai. However, it dissipated before it could cause any injuries or property damage to air traffic.

#### Hawaii County

Hilo to Naalehu	03	1820HST 2230HST			0	0			Heavy Rain
--------------------	----	--------------------	--	--	---	---	--	--	------------

An upper trough near the islands produced heavy showers in eastern and southeastern parts of the Big Island of Hawaii. The rain caused minor stream and drainage ditch flooding and ponding of roadways. There were no reports of significant property damage or injuries.

#### Honolulu County

2 SSE Hauula to Kailua	03	1838HST 2145HST			0	0			Heavy Rain
---------------------------	----	--------------------	--	--	---	---	--	--	------------

An upper trough helped ignite showers in windward sections of Oahu. The precipitation caused ponding of roadways and minor stream and drainage ditch flooding, but no serious injuries or property damage.

#### Honolulu County

2 SSE Hauula to 4 NNW Kaneohe	04	0033HST 0330HST			0	0			Heavy Rain
----------------------------------	----	--------------------	--	--	---	---	--	--	------------

An upper trough generated heavy showers once again over windward parts of Oahu. Minor drainage ditch and stream flooding and ponding of roadways occurred, but there were no significant injuries or property damage.

#### Honolulu County

4.5 S Makakilo City to Kuliouou	04	0229HST 0430HST			0	0			Heavy Rain
------------------------------------	----	--------------------	--	--	---	---	--	--	------------

Heavy showers affected southern areas of the island of Oahu, from Kalaeloa (Barbers Point) to near Koko Head. The rain produced ponding of roadways and minor stream and drainage ditch flooding. There were no reports of injuries or serious property damage.

#### Hawaii County

Volcano to Naalehu	05 06	1100HST 0700HST			0	0			Heavy Rain
-----------------------	----------	--------------------	--	--	---	---	--	--	------------

An upper trough continued to impact the Big Island of Hawaii, generating heavy showers over eastern and southeastern sections of the isle. The rainfall caused minor stream and drainage ditch flooding. There were no reports of serious injuries or property damage. On the other hand, the rain, which began early in the day, caused flooding and closed a portion of the Hawaii Belt Road between Punaluu and Whittington Beach Park beginning at 11 AM and ending at 9 AM on the 6th.

#### Hawaii County

5 NNE Naalehu	05 06	2300HST 0200HST			0	0			Flash Flood
---------------	----------	--------------------	--	--	---	---	--	--	-------------

More than two dozen residents of the Kau District on the Big Island of Hawaii were prevented from making it to their homes because of flooding along the Hawaii Belt Road near Kawa Flats. The road closure lasted for 22 hours, from 11 AM on the 5th through 9 AM on the 6th.

#### Honolulu County

Waialua to	06	0630HST			0	0	60K	230K	Flash Flood
------------	----	---------	--	--	---	---	-----	------	-------------



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2002

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

### HAWAII

#### Wahiawa

**1330HST**

An upper trough ignited heavy showers and thunderstorms over northwest and central parts of Oahu. Police closed Kamehameha Highway between Kamananui Road in Wahiawa to Weed Junction in Waialua from 630 AM until noon because of flooding. Nineteen residents of Otake Camp in Waialua were evacuated before noon after Kaukonahua Stream flooded some of their homes. Water levels rose up to 8 feet in some low-lying areas

Much of the flooding in and near Waialua was linked to overnight rainfall in Central Oahu and the North Shore that caused Lake Wilson, or the Wahiawa Reservoir, to overflow and spill into Kaukonahua Stream and other waterways that flow through the community. A civil defense official said that the level of Lake Wilson rose six feet above the 80-foot spillway after much of the torrential rain had ended, leading to much of the Waialua flooding. A resident from Otake Camp, after being evacuated from his home, said that stream waters began to rise about one foot every 20 to 30 minutes beginning at 10 AM.

Oahu farmers suffered around \$230 thousand in crop damage, and \$60 thousand in lost equipment and supplies, according to state agriculture officials. The rainfall affected mostly small farmers in Waialua, Haleiwa, and Waiahole. Nearly 80 acres suffered crop damage and major losses of topsoil after the heavy deluge.

#### Honolulu County

Hauula to  
2 NNW Kahaluu

06

**2015HST  
2205HST**

0

0

**Flash Flood**

Heavy showers and thunderstorms caused flash flooding in windward areas of Oahu. The heavy rain forced the closure of the Waikane Bridge for several hours. Firefighters rescued seven people that were trapped in five different vehicles near the bridge. Water on Kamehameha Highway was up to a foot deep from Heeia to Kualoa Regional Park. Also, new road construction along the highway near Kahana Bay was damaged by flood waters, though no dollar estimates of the costs were available.

#### Honolulu County

5 SW Ewa Beach

07

**1700HST  
1715HST**

0

0

**Funnel Cloud**

A NOAA/NWS employee coming to work spotted a few funnel clouds south of Kalaeloa (Barbers Point). However, these weather phenomena dissipated before causing any problems for air traffic.

#### HIZ001>008

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

11

**0800HST**

0

0

**High Surf**

13

**2000HST**

A storm low far south of the equator east of New Zealand produced surf of 8 to 12 feet along the south- and southwest-facing shores of all the Hawaiian Islands. Three individuals near Poipu on Kauai were assisted by lifeguards on the 11th due to problems they were having with the high surf. However, they suffered no serious injuries, and there were no reports of property damage around the state.

#### Kauai County

Countywide

12

**0710HST  
1215HST**

0

0

**Heavy Rain**

An upper trough produced heavy showers and thunderstorms over Kauai. The rain caused minor stream and drainage ditch flooding and ponding of roadways. There were no reports of significant property damage or injuries



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 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
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

### HAWAII

#### Kauai County

<b>Hanalei</b>	<b>12</b>	<b>1215HST 1400HST</b>			<b>0</b>	<b>0</b>			<b>Flash Flood</b>
----------------	-----------	----------------------------	--	--	----------	----------	--	--	--------------------

Heavy showers caused flash flooding and forced the closure of the Hanalei Bridge for almost two hours. However, no serious injuries or property damage were reported.

#### Maui County

<b>7.5 NNW Wailuku to Hana</b>	<b>13</b>	<b>1420HST 1715HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
------------------------------------	-----------	----------------------------	--	--	----------	----------	--	--	-------------------

An upper trough induced heavy showers and thunderstorms over windward West and East Maui, which in turn produced minor stream and drainage ditch flooding. The rainfall also forced the closure of Kahekili Highway near Kahakuloa for several hours because of flooding in a low-lying area. Ponding and rocks on the driving surface caused police to erect a barricade at Lower Nahiku Road for a time as well. There were no reports of serious injuries or property damage.

#### Maui County

<b>Hana to 8.5 SW Hana</b>	<b>13</b>	<b>2045HST 2345HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
--------------------------------	-----------	----------------------------	--	--	----------	----------	--	--	-------------------

Heavy showers caused ponding of roadways and minor stream and drainage ditch flooding in eastern parts of East Maui. No serious injuries or property damage were reported.

#### Kauai County

<b>Hanapepe to Anahola</b>	<b>14</b>	<b>0500HST 0800HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
--------------------------------	-----------	----------------------------	--	--	----------	----------	--	--	-------------------

Heavy showers and isolated thunderstorms produced minor stream and drainage ditch flooding and ponding of roadways in eastern and southeastern areas of Kauai. No significant property damage or injuries were reported.

#### Hawaii County

<b>9 SSE Volcano</b>	<b>17 31</b>	<b>0700HST 2359HST</b>			<b>0</b>	<b>0</b>			<b>Wild/Forest Fire</b>
----------------------	------------------	----------------------------	--	--	----------	----------	--	--	-------------------------

A wildfire begun by lava near Pulama Pali in Hawaii Volcanoes National Park burned more than 3000 acres through the end of May. Firefighting crews from the mainland, Arizona and California, were brought in to help douse the blaze. The fire was threatening native plants and wildlife, but burned far from any populated areas or structures. The fire has been difficult to bring under control because it has a continuous ignition source, that is the lava.

#### Kauai County

<b>Anahola to Wailua</b>	<b>21</b>	<b>1315HST 1600HST</b>			<b>0</b>	<b>0</b>			<b>Heavy Rain</b>
------------------------------	-----------	----------------------------	--	--	----------	----------	--	--	-------------------

Heavy showers and thunderstorms impacted windward locales in Kauai, causing minor stream and drainage ditch flooding. The rain also forced the closure of Kahuna Road near Kapaa for a couple of hours due to flooding. However, there were no reports of serious injuries or property damage.

#### Kauai County

<b>2.5 NNE Wailua</b>	<b>21</b>	<b>1315HST 1400HST</b>			<b>0</b>	<b>0</b>			<b>Lightning</b>
-----------------------	-----------	----------------------------	--	--	----------	----------	--	--	------------------

Many residents of Kapaa lost electrical power for about 45 minutes as lightning struck a transformer in the early afternoon. There were no reports of serious property damage or injuries, however.



# National Weather Service

## Storm Data and Unusual Weather Phenomena



May 2002

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

### HAWAII

#### Maui County

Kihei	30	0945HST 1410HST			0	0			Wild/Forest Fire
-------	----	--------------------	--	--	---	---	--	--	------------------

A brush fire burned about 20 acres near the Maui Research & Technology Park in Kihei. That the fire was approaching the technology park was a major concern of the firefighters, but they extinguished it before it could get too close. No serious property damage or injuries occurred. The cause of the blaze was unknown.