



# National Weather Service

## Storm Data and Unusual Weather Phenomena



January 2000

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

HIZ003-005>008

**Kauai Leeward - Oahu South Shore - Waianae Coast - Oahu North Shore - Oahu Koolau**

<b>01</b>	<b>0000HST</b>	<b>0</b>	<b>0</b>	<b>Drought</b>
<b>31</b>	<b>2359HST</b>			

While persistent trade winds brought ample rainfall to windward areas around the state in January, leeward sides generally saw below average precipitation. The state's agricultural sector had been counting on more rainfall for relief from the abnormally dry conditions that have plagued leeward sections for nearly three years

#### Maui County

For the most part, little precipitation reached the southern portion of Upcountry Maui, an area that has been trying to recover from roughly three years of below-average rainfall. Upcountry gages at Kula and Ulupalakua saw January rainfall at only 24 and 10 percent of average, respectively. Although not part of the Upcountry area, Kihei received only 1 percent of average precipitation

The gages on both Lanai and Molokai reported totals of less than 25 percent of average for January.

#### Island of Hawaii

Although windward sites were very wet, leeward areas had a definite lack of rainfall. Hydronet and cooperative sites in Kau and leeward South Kohala reported monthly precipitation at less than 20 percent of the January average. Rainfall from gages in the North and South Kona districts were generally in the range of 25 to 35 percent.

The following list contains rainfall statistics for selected locations from Maui County and the island of Hawaii. The first column is the observed rainfall for January. The second column is the 30-year average for that location, while the third column lists the percent of average rainfall for the month. The fourth and fifth columns are the year-to-date total and the percent of average, respectively.

	Jan 00	Avg.	%Avg.	YTD	YTD %Avg.
<b>Maui</b>					
Kahului	1.00	4.10	24	1.00	24
Hana	6.33	9.50	67	6.33	67
Kihei	0.03	4.10	1	0.03	1
Lahainaluna	0.14	4.40	3	0.14	3
Wailuku	2.21	5.20	43	2.21	43
Kula	1.19	4.90	24	1.19	2 4
Ulupalakua	0.52	5.20	10	0.52	1 0
<b>Molokai</b>					
Kaunakakai	0.43	3.30	13	0.43	13
<b>Lanai</b>					
Lanai City	0.67	6.10	11	0.67	11
<b>Island of Hawaii</b>					
Hilo Airport	17.87	9.90	181	17.87	18 1
Pahala	1.06	7.70	14	1.06	1 4
Honaunau	1.07	3.70	29	1.07	29
Kamuela (Upper)	9.85	6.30	156	9.85	156
Glenwood	23.06	18.50	125	23.06	125
Laupahoehoe	21.00	13.50	156	21.00	156
Kamakoa	0.07	3.10	2	0.07	2
Kapapala	1.28	7.60	17	1.28	17

Agriculture continues to suffer in parts of Maui County and the island of Hawaii from dry conditions. Especially hard hit have been the coffee crop in Kona and macadamia nuts islandwide on the Big Island of Hawaii, according to Wayne Nishijima, interim head of the Big Island cooperative extension service. Also, water restrictions remain in effect for Niulii and Makapala in North Kohala, as does an outdoor burning ban imposed in 1998 for an area extending from Kau north through Kona to North and South Kohala.

Some ranching operations have been hurt by a lack of rainfall in parts of the Big Island as well. For instance, none of January's precipitation reached Kahuku Ranch, one of the island's largest spreads, said ranch manager Earl Spence. The last traceable rain was in December.



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January 2000

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					Killed	Injured	Property	Crops	

### HAWAII

#### Hawaii County

<b>Kailua Kona to Honanau</b>	<b>03</b>	<b>1500HST 1800HST</b>			<b>0</b>	<b>0</b>			<b>Urban/Sml Stream Fld</b>
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Rain was falling at the rate of 2-4 inches per hour from thunderstorms and towering cumulus clouds in the Kona districts of the Big Island. However, no serious flooding reports were received, though ponding of roadways occurred for a time during the event.

#### Hawaii County

<b>Ookala to Volcano</b>	<b>12 13</b>	<b>2300HST 0445HST</b>			<b>0</b>	<b>0</b>			<b>Urban/Sml Stream Fld</b>
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Rainfall exceeded 4.5 inches in the 6-hour period ending at 0200 on 13 January for a few areas in the Hilo and Puna districts on the Big Island. Except for ponding of roadways, though, no flooding problems were reported

#### HIZ001>006

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

<b>14</b>	<b>1100HST</b>		<b>0</b>	<b>0</b>	<b>High Surf</b>
<b>16</b>	<b>0600HST</b>				

Storm low far northwest of the state produced surf of 8 to 12 feet along the north shores of all the Hawaiian Islands.

#### HIZ001>006

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

<b>23</b>	<b>1000HST</b>		<b>0</b>	<b>0</b>	<b>High Surf</b>
<b>24</b>	<b>0400HST</b>				

Gale low northwest of Hawaii generated surf of 6 to 10 feet along the north shores of all the isles.

#### HIZ001>006

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

<b>26</b>	<b>1100HST</b>		<b>0</b>	<b>0</b>	<b>High Surf</b>
<b>27</b>	<b>0600HST</b>				

Storm low far northwest of the state caused surf of 8 to 12 feet along the north shores of all the islands.

#### HIZ007

**Oahu North Shore**

<b>27</b>	<b>1200HST</b>		<b>0</b>	<b>0</b>	<b>Wind</b>
<b>28</b>	<b>1600HST</b>				

Winds from the east to northeast at 25 to 39 mph, with occasional gusts over 50 mph, struck in the South Kohala District on the island of Hawaii. A strong high pressure cell north of the state generated the blustery conditions. Blowing sand forced the closure of Hapuna Beach, and officials at Spencer Beach Park stopped issuing camping permits until the wind subsided. Also, Puukohola Heiau remained open but hiking trails were closed for a time.

#### HIZ004

**Kauai Mountains**

<b>27</b>	<b>1200HST</b>		<b>0</b>	<b>0</b>	<b>High Wind (M52)</b>
<b>28</b>	<b>0830HST</b>				

Northeast winds of 40 to 45 mph, with occasional gusts over 58 mph, occurred near the summits of both Mauna Kea and Mauna Loa on the island of Hawaii.