



# National Weather Service

## Storm Data and Unusual Weather Phenomena



August 2001

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

**HIZ002>003-005>008**      **Kauai Windward - Kauai Leeward - Oahu South Shore - Waianae Coast - Oahu North Shore - Oahu Koolau**  
**01      0000HST      0      0      Drought**  
**31      2359HST**

Island of Oahu

Most of the gages in the windward and upper slopes of the Koolau Range of Oahu recorded near average rainfall totals for August. While these areas enjoyed much needed rainfall, West Oahu remained very dry. The lowest total, 0.05 inches, was from the Honolulu International Airport gage; followed closely by the Kunia gage at 0.09 inche.

Maui County

August saw near to above average rainfall at most windward locations, while leeward areas were well below average. Noteworthy totals included 0.71 inches at Kahului Airport, an amount greater than the previous four months combined; and 0.05 inches at Kihei, which marked the first measurable rainfall at that locale in the last four months. Wetter than average conditions over Molokai helped stabilize the drought situation on that isle. However, much more rainfall is needed for a full recovery

Maui County continued to have just four sites above 50 percent of average for 2001 through the end of August. Remaining locations were mostly between 10 and 40 percent of average.

Island of Hawaii

Many windward locations and a few spots in Kona recorded near to above average totals for August. Leeward Kohala and Kau remained dry. After record-breaking floods in November 2000 and a wet February 2001, the Kau District has been on a steady drying trend with below average totals in the past six months.

Rainfall totals for 2001 through the end of August were near to or just below average in Hilo and Puna locales. Remaining windward areas were in the range of 50 to 75 percent of average. Kona and Kau sites were between 40 and 60 percent of average.

The following list contains rainfall statistics for selected locations from Oahu, Maui County, and the island of Hawaii where there have been drought conditions. The first column is the observed rainfall for August. The second column is the 30-year average for each location, while the third column lists the percent of average for the month. The fourth and fifth columns are the year-to-date totals and the year-to-date percent of average, respectively.

	August 01	Avg.	%Avg.	YTD	YT D %Avg .
<b>Oahu</b>					
Honolulu Airport	0.05	0.40	13	3.15	2 6
Kunia	0.09	1.10	8	4.45	26
Waianae	0.18	0.70	26	4.02	33
Waialua	0.46	0.80	57	5.12	25
<b>Maui</b>					
Kihei	0.05	0.20	25	0.64	6
Lahainaluna	0.00	0.60	0	1.23	9
Kula	0.38	1.90	20	6.49	3 1
Ulupalakua	0.36	1.60	22	8.40	36
<b>Molokai</b>					
Kaunakakai	0.49	0.10	490	2.75	2 6
Kamalo	2.14	1.30	165	12.65	56
<b>Lanai</b>					
Lanai City	1.49	1.50	99	10.55	4 2
<b>Island of Hawaii</b>					
Honaunau	4.43	6.50	68	24.01	5 2
Kamuela (Upper)	10.80	4.40	245	28.34	70
Waiaha	3.65	7.20	51	24.68	48
Kahua Ranch	1.14	6.10	19	11.49	21
Kealakekua	5.79	8.30	70	29.06	5 5
Pahala	0.39	3.30	12	18.03	49



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					Killed	Injured	Property	Crops	

### HAWAII

<b>HIZ001&gt;005-008</b>	<b>Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Oahu Koolau</b>								
	<b>01</b>	<b>0000HST</b>			<b>0</b>	<b>0</b>			<b>High Surf</b>
	<b>04</b>	<b>1700HST</b>							
	A trade wind swell produced surf of 4 to 8 feet along the east-facing shores of all the islands except Lanai								
<b>HIZ001&gt;008</b>	<b>Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast - Oahu North Shore - Oahu Koolau</b>								
	<b>02</b>	<b>0900HST</b>			<b>0</b>	<b>0</b>			<b>High Surf</b>
	<b>03</b>	<b>1600HST</b>							
	A storm low in the Southern Hemisphere caused surf of 4 to 7 feet along the south- and southwest-facing shores of all the Hawaiian Islands.								
<b>HIZ001-004-008</b>	<b>Niihau - Kauai Mountains - Oahu Koolau</b>								
	<b>07</b>	<b>1000HST</b>			<b>0</b>	<b>0</b>			<b>High Surf</b>
	<b>11</b>	<b>1600HST</b>							
	A strong trade wind swell from the Southern Hemisphere generated surf of 6 to 12 feet along the east- and southeast-facing shores of Kauai and the island of Hawaii.								
<b>HIZ001-004-008</b>	<b>Niihau - Kauai Mountains - Oahu Koolau</b>								
	<b>13</b>	<b>1300HST</b>			<b>0</b>	<b>0</b>			<b>High Surf</b>
	<b>14</b>	<b>1600HST</b>							
	A trade wind swell produced surf of 4 to 8 feet along the east- and southeast-facing shores of Kauai and the island of Hawaii.								
<b>HIZ004-008</b>	<b>Kauai Mountains - Oahu Koolau</b>								
	<b>17</b>	<b>1100HST</b>			<b>0</b>	<b>0</b>			<b>High Surf</b>
	<b>20</b>	<b>1700HST</b>							
	A trade wind swell generated surf of 4 to 8 feet along the east- and southeast-facing shores of the island of Hawaii.								
<b>HIZ004-008</b>	<b>Kauai Mountains - Oahu Koolau</b>								
	<b>31</b>	<b>0900HST</b>			<b>0</b>	<b>0</b>			<b>High Surf</b>
		<b>2359HST</b>							
	A trade wind swell caused surf of 4 to 6 feet along the east-facing shores of the island of Hawaii.								
<b>HIZ001&gt;008</b>	<b>Niihau - Kauai Windward - Kauai Leeward - Kauai Mountains - Oahu South Shore - Waianae Coast - Oahu North Shore - Oahu Koolau</b>								
	<b>31</b>	<b>0900HST</b>			<b>0</b>	<b>0</b>			<b>Wind Advisory</b>
		<b>2030HST</b>							
	Strong high pressure to the north of the state produced sustained winds of 25 to 35 mph, with gusts as high as 51 mph, across the island chain. No serious injuries or property damage were reported.								