

# POST TROPICAL CYCLONE REPORT

<b>Storm Name</b>	Tropical Storm Calvin
<b>NWS Office</b>	Honolulu
<b>Begin/End Date</b>	07/18/2023 - 07/19/2023
<b>Fatalities</b>	[0] - Direct [0] - Indirect
<b>Tornadoes</b>	[0]

## Event Summary

***Tropical Storm Calvin Overview:*** Calvin skirted just south of the Hawaiian Islands while tracking westward from Tuesday, the 18th, to Wednesday, the 19th of July. Calvin's closest approach occurred at approximately 1200Z on the 19th, when it quickly passed within 80 miles of the coast, specifically the South Point of the Big Island.

Calvin's impacts on the islands encompassed a range of challenges, including heavy rainfall, damaging winds, and warning-level surf along the exposed east facing shores of the Big Island and Maui County. Fortunately, these threats were relatively short-lived, thanks to Calvin's rapid forward speed, which averaged around 20 mph.

*NOTE: It is unlikely that the point-based observations provided in this report sampled the peak values for the event.*

## Highest 10 Land Winds (kts)\*

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Bradshaw Army Air Field	HI	ASOS	34	39
Kamuela/Waimea	HI	AWOS	31	41
Kealakomo #2	HI	RAWS	30	50
Lanai 1	HI	RAWS	29	42
Lanai City Airport	HI	AWOS	27	35
Lahaina West Maui	HI	ASOS	27	36
Waikoloa	HI	RAWS	26	47
Honolulu International Airport	HI	ASOS	24	31
Kohala Ranch	HI	RAWS	24	43
Puu Mali	HI	RAWS	23	44

\* Anemometer heights < 20 m

**Highest 10 Marine Winds (kts)\***

<i>Station</i>	<i>Type</i>	<i>Sustained</i>	<i>Gust</i>
Buoy 4/Southeast Hawaii	NDBC	28.0000	33
Buoy 3/Western Hawaii	NDBC	25.0000	33
Buoy 2/Southwest Hawaii	NDBC	23.0000	27

\* Anemometer heights < 20 m

**Highest 10 Rainfall Totals**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Inches</i>
Honolii Stream	HI	USGS	7.24
Saddle Quarry	HI	USGS	7.12
Hakalau	HI	RAWS	7.02
Kulani NWR	HI	NWS	6.63
Laupohoe	HI	NWS	6.16
Waiakea Uka	HI	NWS	5.92
Kawainui Stream	HI	USGS	5.87
Papaikou Well	HI	NWS	5.81
West Wailuaiki	HI	USGS	5.46
Moutain View	HI	NWS	5.29

**Highest NOAA Tide Gage Observations**

<i>Station</i>	<i>State</i>	<i>Datum</i>	<i>Water Level (ft)</i>
Hilo, Hilo Bay, Kuhio Bay	HI	MHHW	0.90

### **Lowest 10 Pressures**

<i>Station</i>	<i>State</i>	<i>Type</i>	<i>Millibars</i>
Keahole Airport Kona	HI	ASOS	989.0
Lahaina West Maui	HI	ASOS	993.0
Molokai Airport Kaunakakai	HI	ASOS	995.0
Kahului Airport	HI	ASOS	997.0
Honolulu International Airport	HI	ASOS	997.0
Kalaeloa Airpot	HI	ASOS	997.0
Hilo International Airport	HI	ASOS	998.0
Lanai City Airport	HI	AWOS	998.0
Lihue Airport	HI	ASOS	1005.0
Buoy 4/Southeast Hawaii	HI	NDBC	1005.4

### ***Report Last Updated on 07/20/2023:***

The following files have been updated: Wind and Pressure, Rainfall, Water Levels, and Impact Narratives.