From: USGS ENS
To: taja@taja.org
Subject: 2019-03-20 03:16:02 (M3.1) Island of Hawaii, Hawaii 19.4 -155.1 (5844d)
Date: Tuesday, March 19, 2019 9:22:47 PM

M3.1 Earthquake - Island of Hawaii, Hawaii

Preliminary Report

Magnitude	3.1
Date-Time	20 Mar 2019 03:16:02 UTC 19 Mar 2019 17:16:02 near epicenter 19 Mar 2019 20:16:02 standard time in your timezone
Location	19.381N 155.091W
Depth	4 km
Distances	6.0 km (3.7 mi) WNW of Royal Gardens (historical), Hawaii 26.6 km (16.5 mi) SSW of Hawaiian Paradise Park, Hawaii 38.6 km (23.9 mi) S of Hilo, Hawaii 99.5 km (61.7 mi) ESE of Kailua-Kona, Hawaii 359.1 km (222.6 mi) SE of Honolulu, Hawaii
Location Uncertainty	Horizontal: 0.4 km; Vertical 0.3 km
Parameters	Nph = 81; Dmin = 1.1 km; Rmss = 0.26 seconds; Gp = 138° M-type = ml; Version = 1
Event ID	hv 70873932

For updates, maps, and technical information
see: Event Page or USGS Earthquake Hazards Program
Hawaiian Volcano Observatory
U.S. Geological Survey

https://volcanoes.usgs.gov/hvo

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