From:	USGS ENS
To:	taja@taja.org
Subject:	2019-10-11 14:47:03 (M3.1) Hawaii region, Hawaii 19.3 -154.9 (5844d)
Date:	Friday, October 11, 2019 8:53:07 AM

M3.1 Earthquake - Hawaii region, Hawaii

Preliminary Report

Magnitude	3.1
Date-Time	11 Oct 2019 14:47:04 UTC 11 Oct 2019 04:47:04 near epicenter 11 Oct 2019 07:47:04 standard time in your timezone
Location	19.276N 154.864W
Depth	40 km
Distances	22.2 km (13.8 mi) SSE of Leilani Estates, Hawaii 37.0 km (22.9 mi) SSE of Hawaiian Paradise Park, Hawaii 55.6 km (34.5 mi) SSE of Hilo, Hawaii 125.9 km (78.0 mi) ESE of Kailua-Kona, Hawaii 385.2 km (238.8 mi) SE of Honolulu, Hawaii
Location Uncertainty	Horizontal: 0.7 km; Vertical 0.4 km
Parameters	Nph = 81; Dmin = 20.7 km; Rmss = 0.13 seconds; Gp = 249° M-type = ml; Version = 1
Event ID	hv 71177246

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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