From: USGS ENS
To: taja@taja.org
Subject: 2019-12-21 10:37:59 UPDATED: (M2.3) Island of Hawaii, Hawaii 19.2 -155.4 (5844d)
Date: Saturday, December 21, 2019 3:44:03 AM

M2.3 Earthquake - Island of Hawaii, Hawaii

Preliminary Report

Magnitude	2.3
Date-Time	21 Dec 2019 10:38:00 UTC 21 Dec 2019 00:38:00 near epicenter 21 Dec 2019 03:38:00 standard time in your timezone
Location	19.197N 155.439W
Depth	36 km
Distances	4.2 km (2.6 mi) E of P?hala, Hawaii 65.8 km (40.8 mi) SW of Hawaiian Paradise Park, Hawaii 69.4 km (43.1 mi) SSW of Hilo, Hawaii 76.6 km (47.5 mi) SE of Kailua-Kona, Hawaii 344.2 km (213.4 mi) SE of Honolulu, Hawaii
Location Uncertainty	Horizontal: 0.5 km; Vertical 0.6 km
Parameters	Nph = 76; Dmin = 5.2 km; Rmss = 0.12 seconds; Gp = 135° M-type = ml; Version = 2
Event ID	hv 71287126 ****This event has been revised.*

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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