From: USGS ENS
To: taja@taja.org
Subject: 2019-11-09 15:48:42 (M3.1) Hawaii region, Hawaii 20.1 -155.7 (5844d)
Date: Saturday, November 09, 2019 8:54:38 AM

M3.1 Earthquake - Hawaii region, Hawaii

Preliminary Report

Magnitude	3.1
Date-Time	9 Nov 2019 15:48:42 UTC 9 Nov 2019 05:48:42 near epicenter 9 Nov 2019 08:48:42 standard time in your timezone
Location	20.114N 155.690W
Depth	23 km
Distances	10.2 km (6.3 mi) N of Waimea, Hawaii 61.6 km (38.2 mi) NNE of Kailua-Kona, Hawaii 75.8 km (47.0 mi) NW of Hilo, Hawaii 94.6 km (58.7 mi) NW of Hawaiian Paradise Park, Hawaii 261.7 km (162.2 mi) ESE of Honolulu, Hawaii
Location Uncertainty	Horizontal: 1.0 km; Vertical 2.5 km
Parameters	Nph = 63; Dmin = 9.3 km; Rmss = 0.12 seconds; Gp = 299° M-type = ml; Version = 1
Event ID	hv 71223796

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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