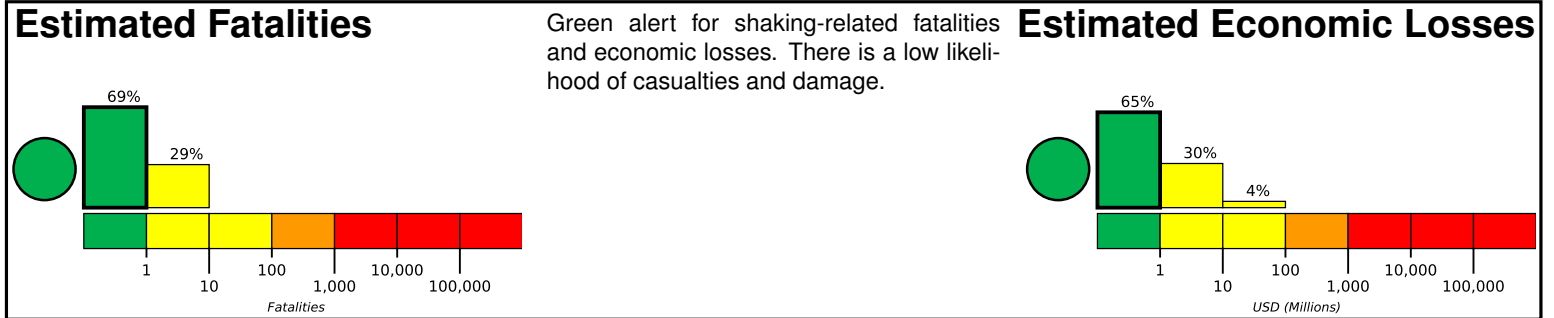


M 4.1, 16km SE of Volcano, Hawaii

Origin Time: 2018-07-30 08:03:03 UTC (Sun 22:03:03 local)
Location: 19.3508° N 155.1227° W Depth: 7.4 km

PAGER Version 2

Created: 2 hours, 2 minutes after earthquake

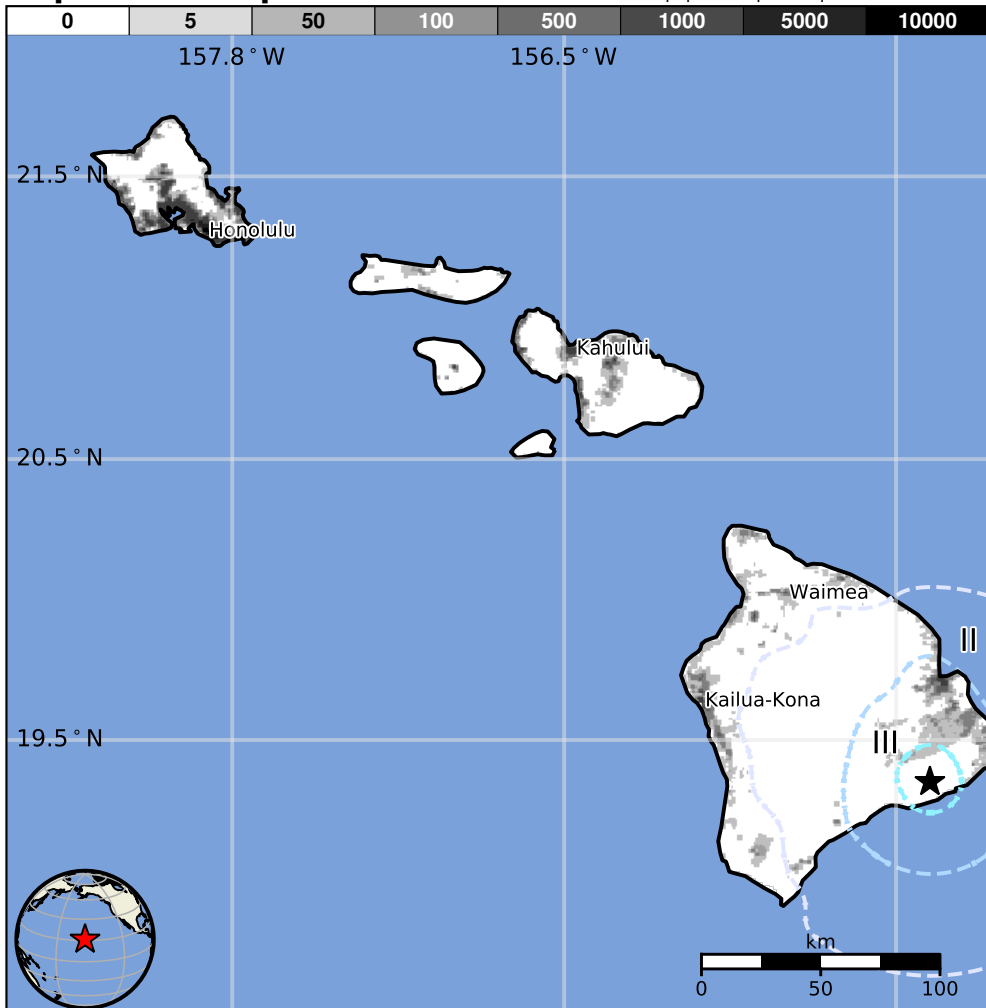


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	1,277k*	106k	2k	0	0	0	0	0	0	
ESTIMATED MODIFIED MERCALLI INTENSITY	I	II-III	IV	V	VI	VII	VIII	IX	X+	
PERCEIVED SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme	
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are unreinforced brick masonry and reinforced masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1973-04-26	66	6.2	VII(74k)	0
2006-10-15	107	6.7	VIII(15k)	0
1975-11-29	14	7.2	IX(30k)	2

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Volcano	3k
III	Fern Acres	2k
III	Mountain View	4k
III	Hawaiian Acres	3k
III	Ainaloa	3k
III	Kurtistown	1k
III	Hilo	43k
I	Honolulu	372k
I	Pearl City	48k
I	Kailua	39k
I	Waipahu	38k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

bold cities appear on map.

(k = x1000)