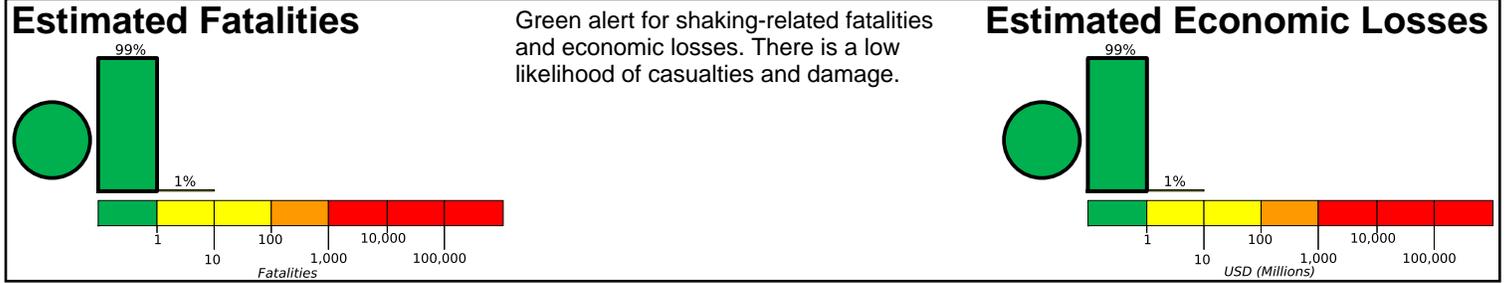


**M 4.0, ISLAND OF HAWAII, HAWAII**

Origin Time: Tue 2016-09-06 14:25:57 UTC (04:25:57 local)

Location: 19.45°N 155.59°W Depth: 1 km

Created: 2 hours, 2 minutes after earthquake

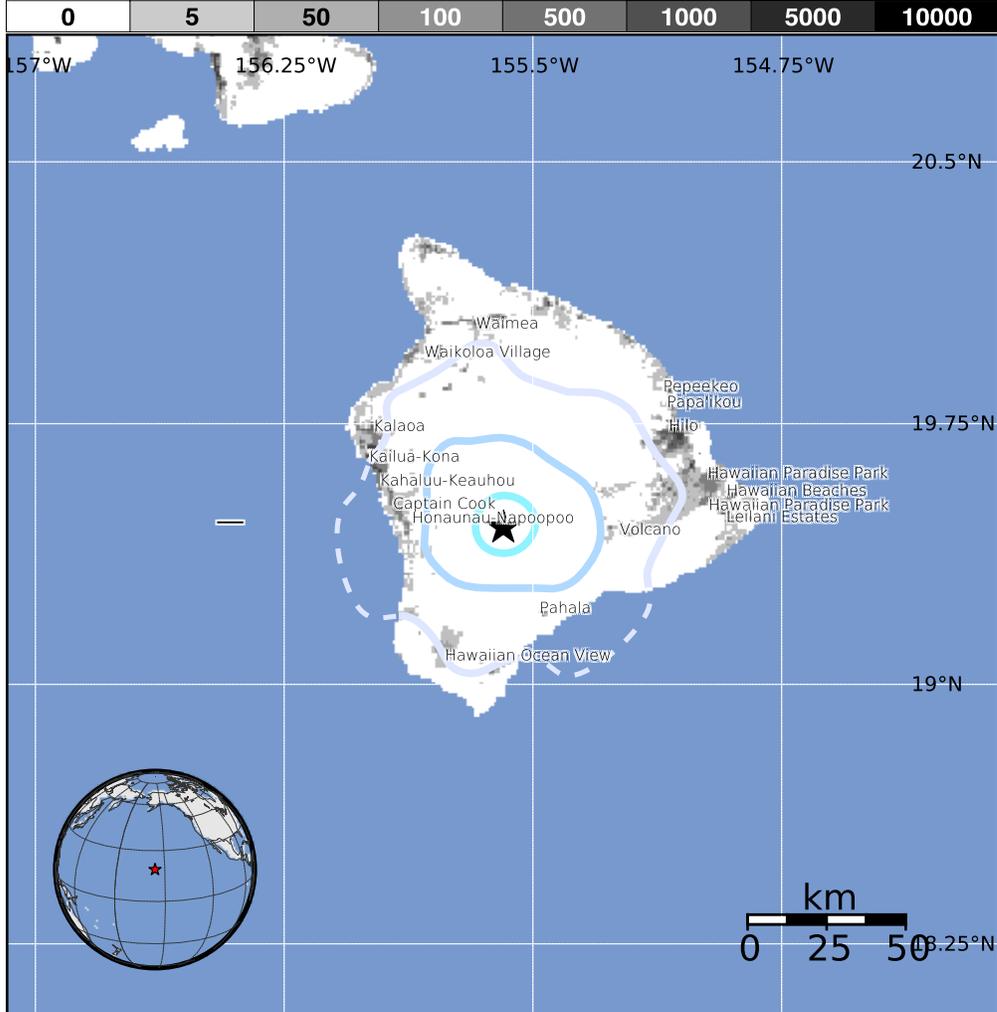


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		190k	61k	0	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	Moderate/Heavy	Heavy	V. Heavy
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/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 some vulnerable structures exist.

**Historical Earthquakes (with MMI levels):**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1982-01-21	24	5.6	VII(10)	0
1989-06-26	47	6.4	IX(355)	0
1975-11-29	59	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
<b>II Pahala</b>	1k
<b>II Volcano</b>	3k
<b>II Honaunau-Napoopoo</b>	3k
<b>II Captain Cook</b>	3k
II Kealakekua	2k
II Mountain View	4k
<b>II Kailua-Kona</b>	12k
<b>I Hilo</b>	43k
<b>I Kihei</b>	21k

bold cities appear on map

(k = x1000)

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.