

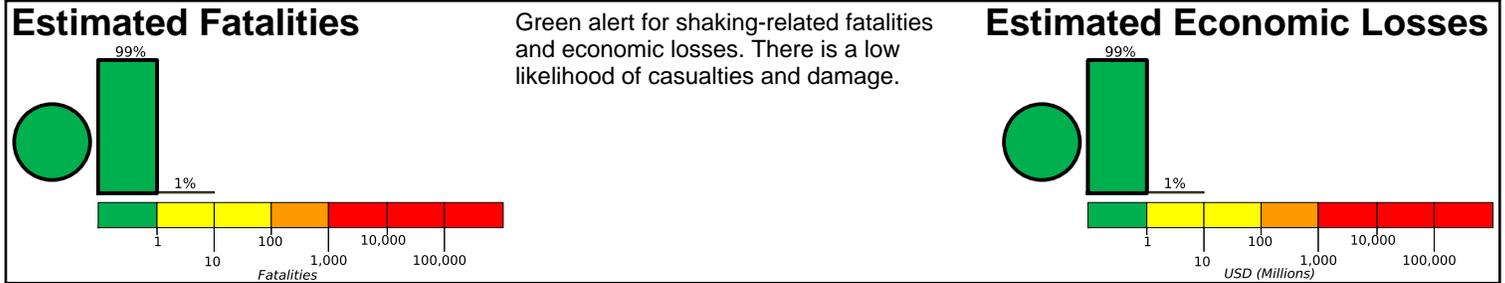
**M 4.3, ISLAND OF HAWAII, HAWAII**

Origin Time: Mon 2015-02-09 18:16:15 UTC (08:16:15 local)

Location: 19.37°N 155.34°W Depth: 13 km

**PAGER**  
**Version 4**

Created: 2 hours, 40 minutes after earthquake

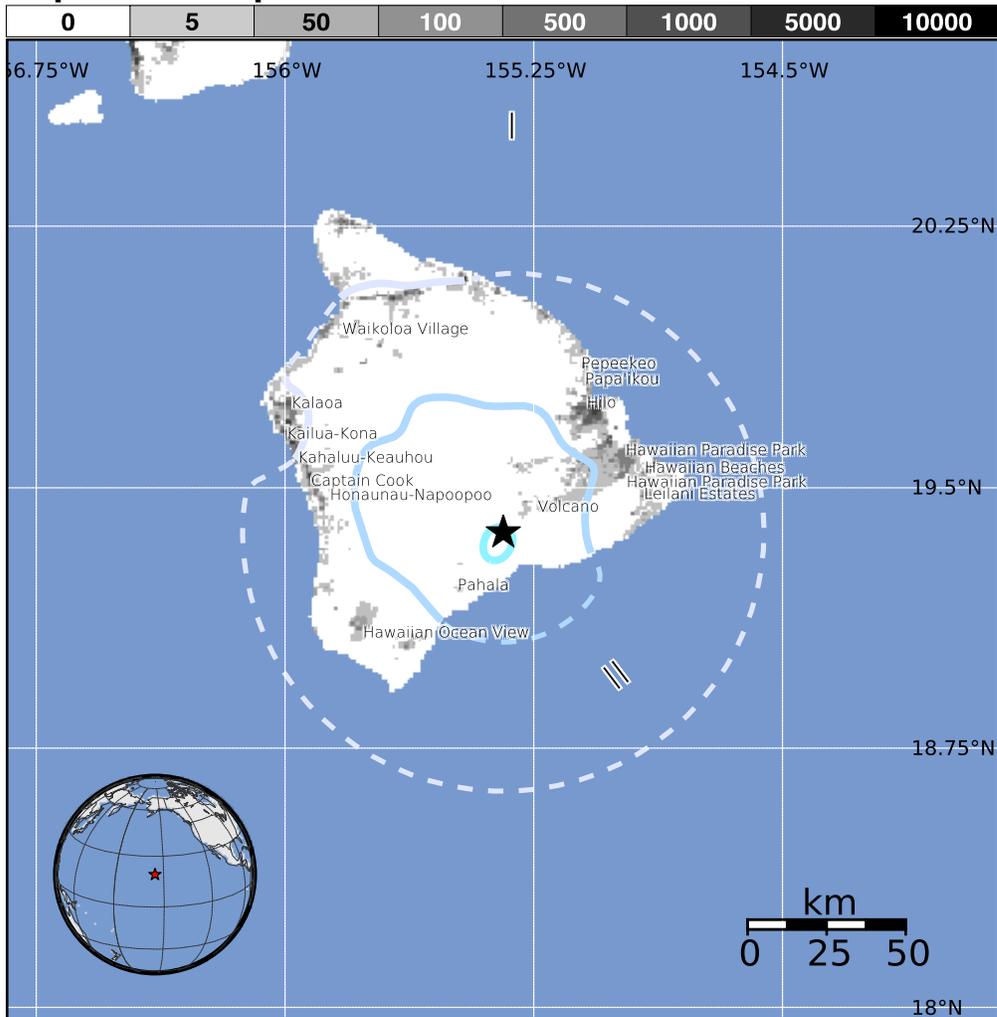


**Estimated Population Exposed to Earthquake Shaking**

<b>ESTIMATED POPULATION EXPOSURE (k = x1000)</b>		66k	154k	0	0	0	0	0	0	0
<b>ESTIMATED MODIFIED MERCALLI INTENSITY</b>		I	II-III	IV	V	VI	VII	VIII	IX	X+
<b>PERCEIVED SHAKING</b>		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
<b>POTENTIAL DAMAGE</b>	<b>Resistant Structures</b>	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	<b>Vulnerable Structures</b>	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	29	5.6	VII(10)	0
1989-06-26	22	6.4	IX(355)	0
1975-11-29	34	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>III Volcano</b>	<b>3k</b>
<b>III Pahala</b>	<b>1k</b>
III Mountain View	4k
III Orchidlands Estates	3k
II Hawaiian Acres	3k
<b>II Hilo</b>	<b>43k</b>
II Waimea	9k
<b>II Kailua-Kona</b>	<b>12k</b>
<b>I Kalaoa</b>	<b>10k</b>
I Kihei	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.

<http://earthquake.usgs.gov/pager>

Event ID: hv60848586