

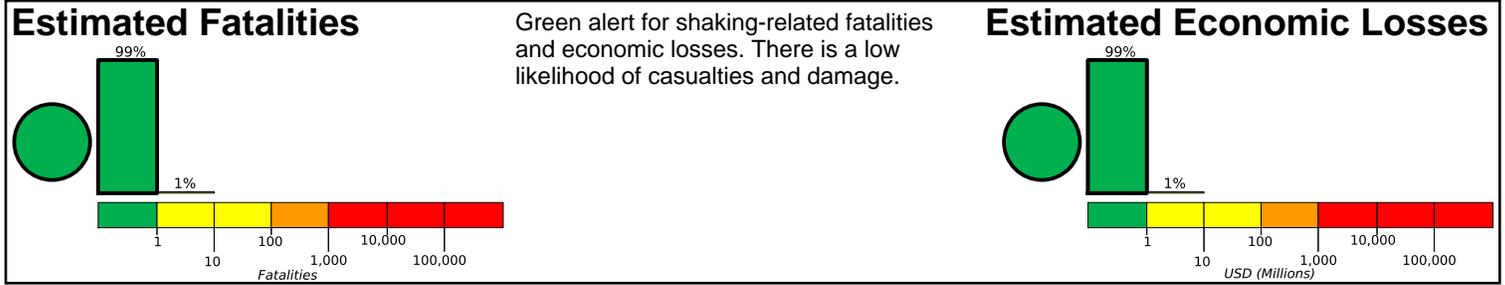
# M 5.2, ISLAND OF HAWAII, HAWAII

Origin Time: Sun 2015-06-28 08:10:10 UTC (22:10:10 local)

Location: 19.34°N 155.21°W Depth: 8 km

**PAGER**  
**Version 5**

Created: 11 weeks, 4 days after earthquake

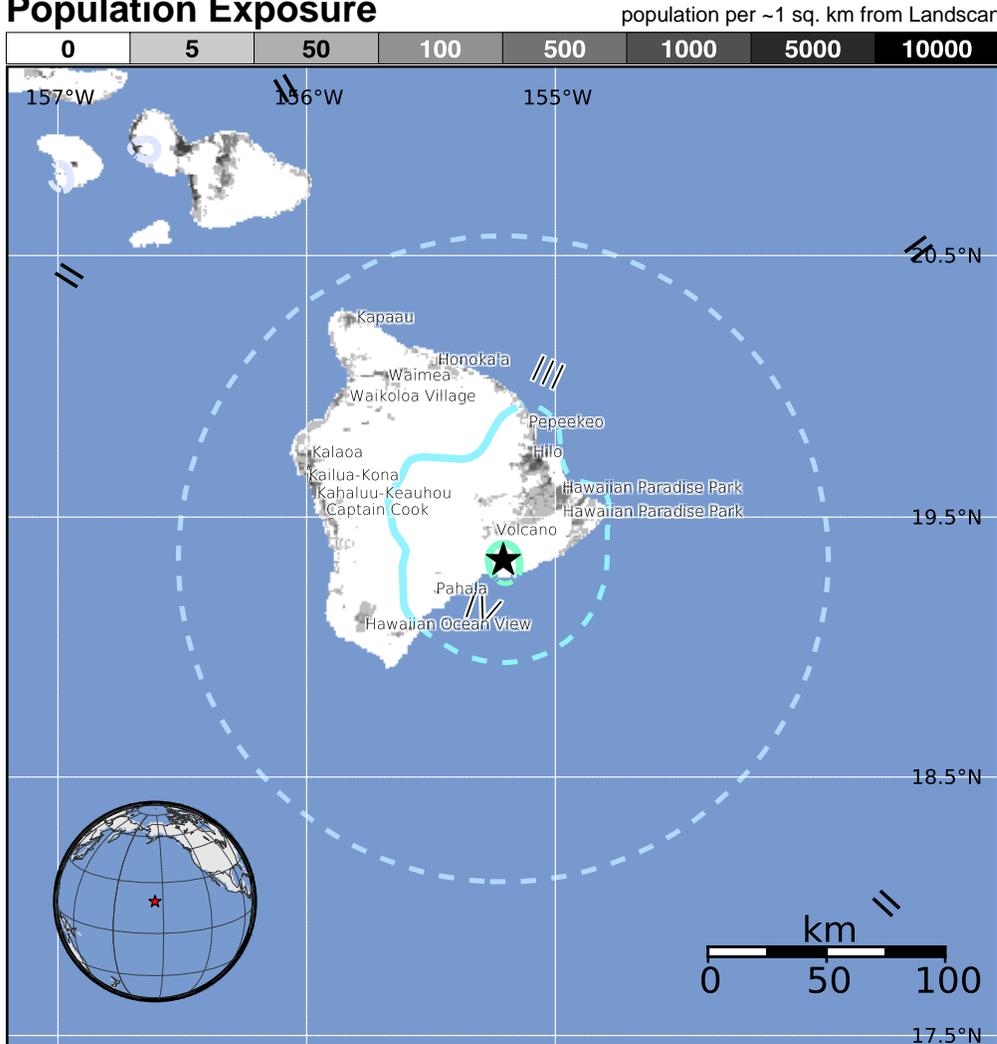


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		4k*	251k	101k	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	42	5.6	VII(10)	0
1989-06-26	11	6.4	IX(355)	0
1975-11-29	23	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>IV Volcano</b>	<b>3k</b>
IV Nanawale Estates	1k
IV Nanawale Estates	1k
<b>IV Pahala</b>	<b>1k</b>
IV Hawaiian Beaches	4k
IV Leilani Estates	2k
<b>IV Hilo</b>	<b>43k</b>
<b>III Kailua-Kona</b>	<b>12k</b>
II Kihei	21k
II Kahului	26k
II Wailuku	15k

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: hv60968241