

M 5.6, IZU ISLANDS, JAPAN REGION

Origin Time: Wed 2013-04-17 08:57:33 UTC (17:57:33 local)

Location: 33.93°N 139.41°E Depth: 11 km

Created: 1 week, 1 day after earthquake

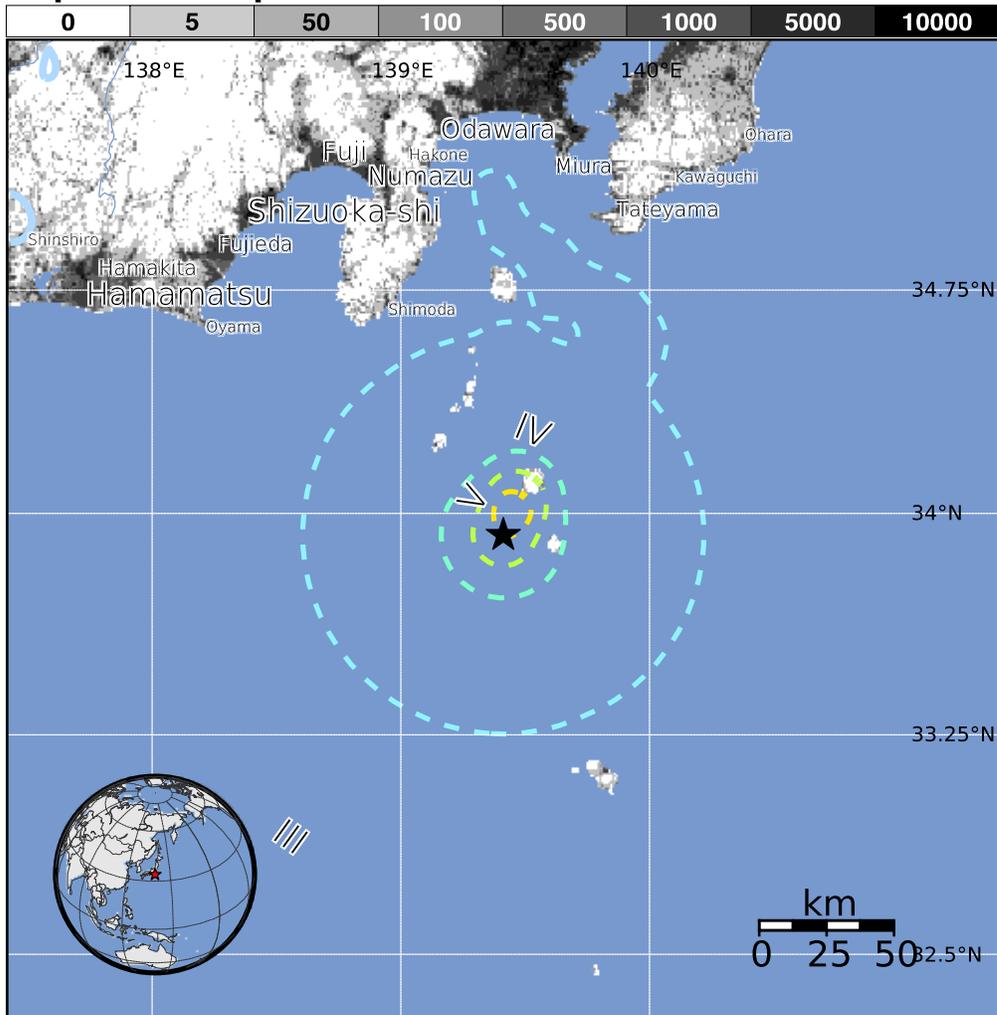


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	13,462k*	6k	0	2k	1k	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
1990-09-23	104	6.5	V(16k)	0
1980-09-23	232	5.3	V(12,718k)	1
1974-05-08	93	6.7	IX(30k)	27

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

Selected City Exposure

from GeoNames.org

MMI	City	Population
III	Shimada	76k
III	Kanaya	20k
III	Atsugi	229k
III	Odawara	203k
III	Isehara	103k
III	Tateyama	50k
III	Shizuoka-shi	702k
III	Yokohama-shi	3,574k
III	Sagamihara	649k
III	Hamamatsu	605k
III	Kawasaki	1,307k

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: usb000g9yi