

M 4.9, NEAR THE SOUTH COAST OF HONSHU, JAPAN

Origin Time: Wed 2013-04-17 08:57:19 UTC (17:57:19 local)

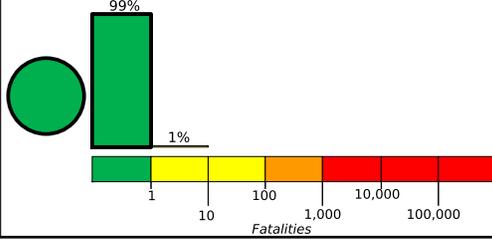
Location: 34.05°N 139.38°E Depth: 13 km

Created: 1 day, 12 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

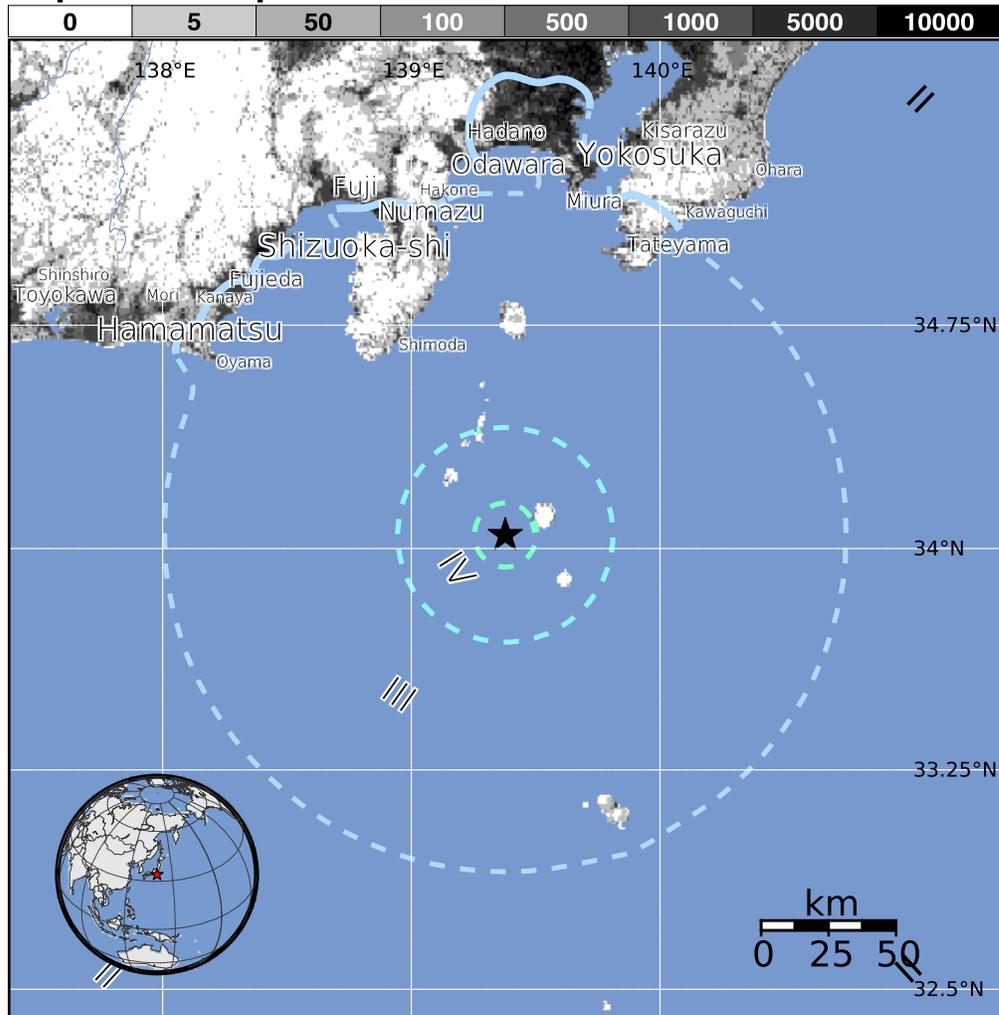


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	21,296k	7k	1k	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
1990-09-23	207	6.5	V(16k)	0
1980-09-23	113	5.3	V(12,718k)	1
1974-05-08	75	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 Atsugi	229k
III Shimoda	27k
III Isehara	103k
III Zama	135k
III Minami-inkan	224k
III Tateyama	50k
III Yokohama-shi	3,574k
III Shizuoka-shi	702k
II Chiba-shi	920k
II Tokyo	8,337k
II Kofu-shi	190k

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: usb000g901