USGS science for a changing world

Earthquake Shaking **Green Alert**

GSN ANSS

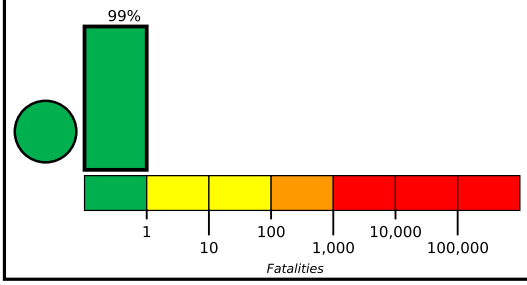
PAGER Version 3

M 6.0, 58 km SSE of Shima, Japan

Origin Time: 2026-10-31 22:15:02 UTC (Sun 07:15:02 local)
Location: 33.8220° N 136.9854° E Depth: 352.4 km

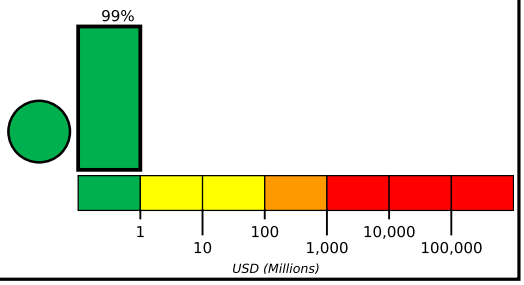
Created: 1 day, 0 hours after earthquake

Estimated Fatalities



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

Estimated Economic Losses

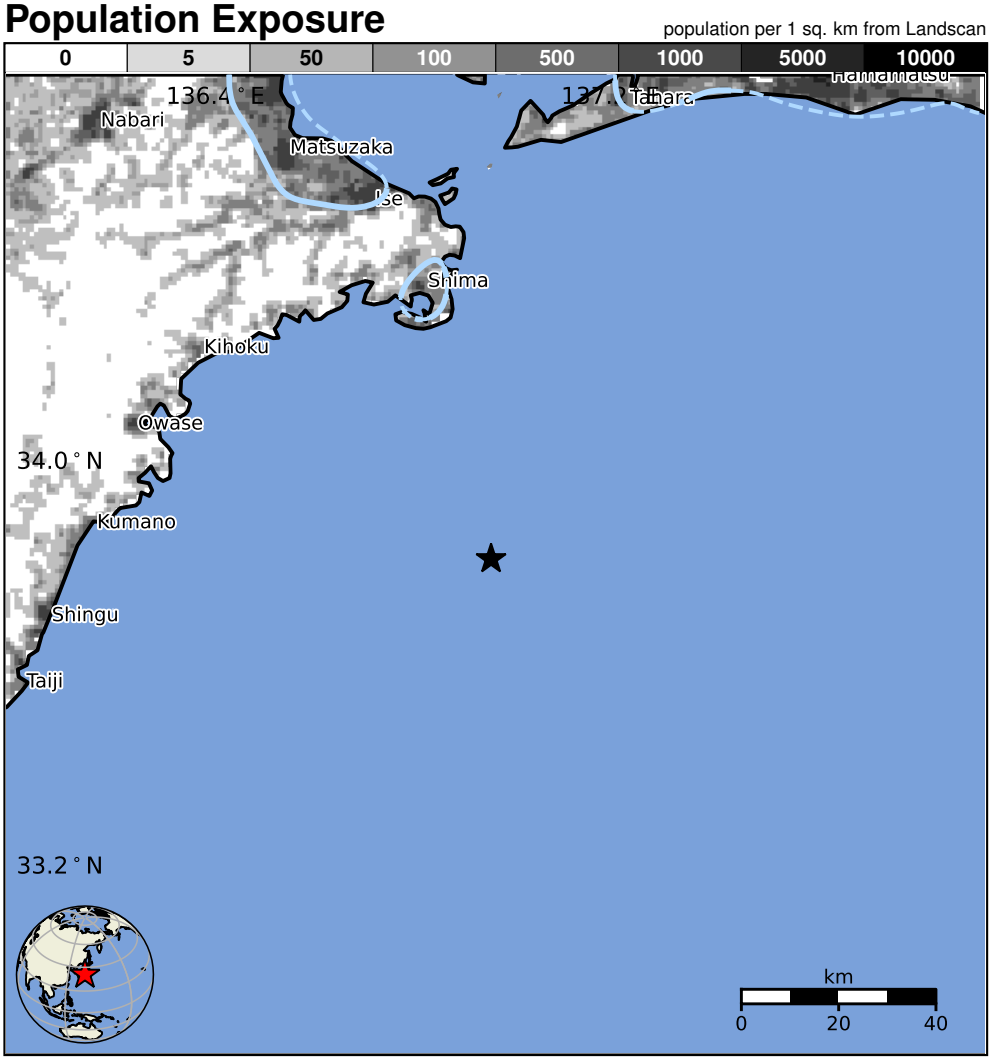


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		–*	1,361k	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	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./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 vulnerable structures exist. The predominant vulnerable building types are heavy wood frame and reinforced/confined masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1983-03-15	121	5.4	VII(259k)	1
1983-08-08	265	5.6	VII(7k)	1
1995-01-16	200	6.9	IX(1,740k)	6k

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

Selected City Exposure

from simplemaps.com

MMI	City	Population
III	Matsuzaka	158k
III	Arai	17k
III	Ryuyo	20k
III	Meiwa	23k
III	Shingu	27k
III	Kiho	10k
III	Tahara	59k
III	Hamamatsu	788k
III	Ise	122k
III	Shima	46k
II	Nabari	76k

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.

https://earthquake.usgs.gov/earthquakes/eventpage/us7000tuku#pager

Event ID: us7000tuku