

M 5.4, NEAR THE EAST COAST OF HONSHU, JAPAN

Origin Time: Sat 2014-03-29 01:53:57 UTC (10:53:57 local)

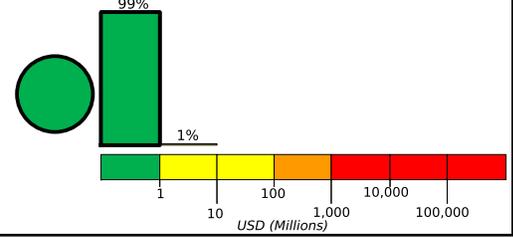
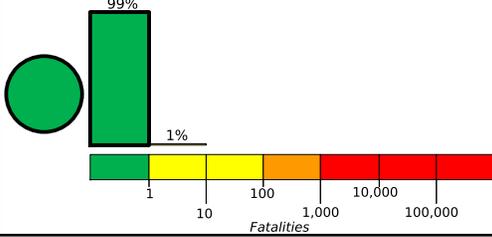
Location: 36.32°N 141.84°E Depth: 20 km

Created: 6 weeks, 3 days 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

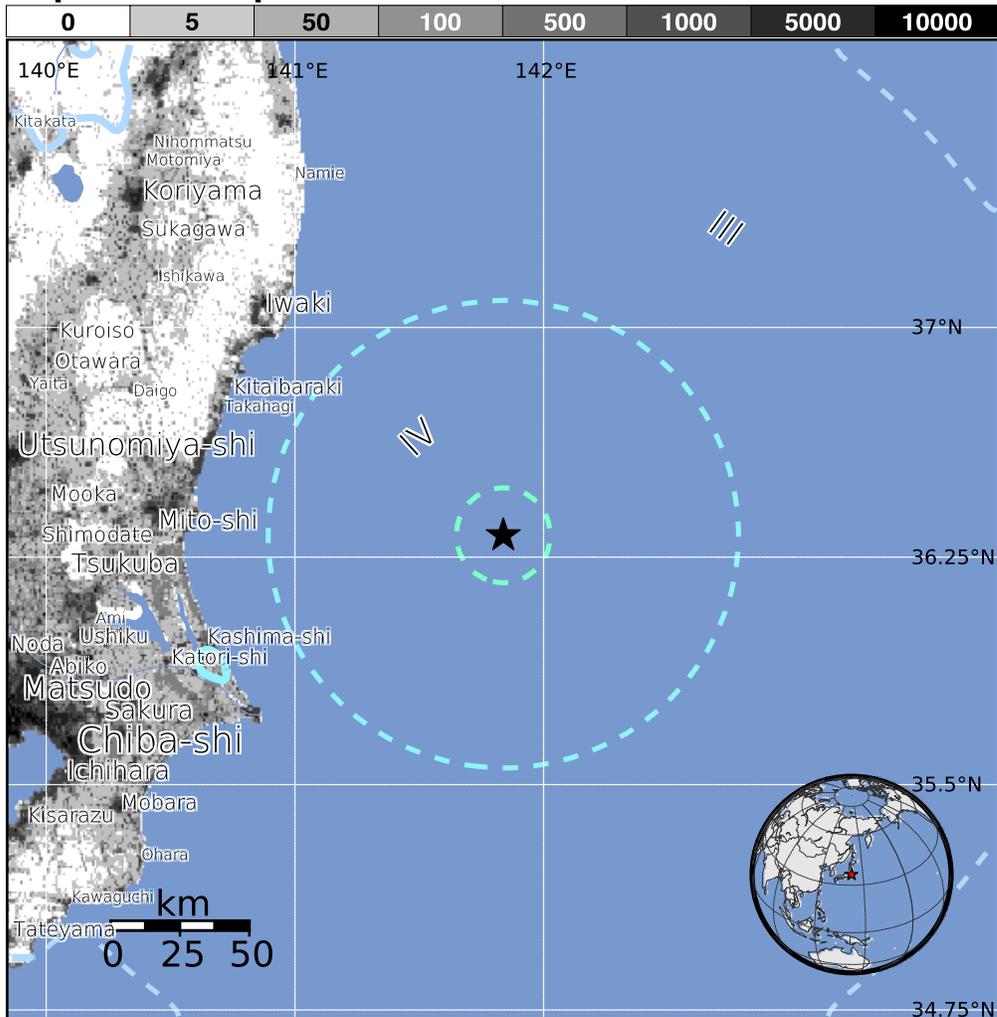


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	- -*	12,308k*	485k	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
	Vulnerable Structures	none	none	none	Light	Moderate	Moderate/Heavy	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
1984-09-18	257	6.8	V(92k)	0
1980-09-23	192	5.3	V(12,718k)	1
1974-05-08	339	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
IV	Hasaki	39k
IV	Hitachi-Naka	157k
IV	Itako	26k
IV	Asahi	42k
IV	Funaishikawa	35k
IV	Takahagi	34k
III	Mito-shi	247k
III	Chiba-shi	920k
III	Funabashi	561k
III	Utsunomiya-shi	450k
III	Fukushima-shi	294k

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: usc000nvji