

**M 5.8, SHIKOKU, JAPAN**

Origin Time: Thu 2014-08-28 19:14:35 UTC (04:14:35 local)

Location: 32.09°N 132.07°E Depth: 20 km

Created: 13 weeks, 1 day after earthquake

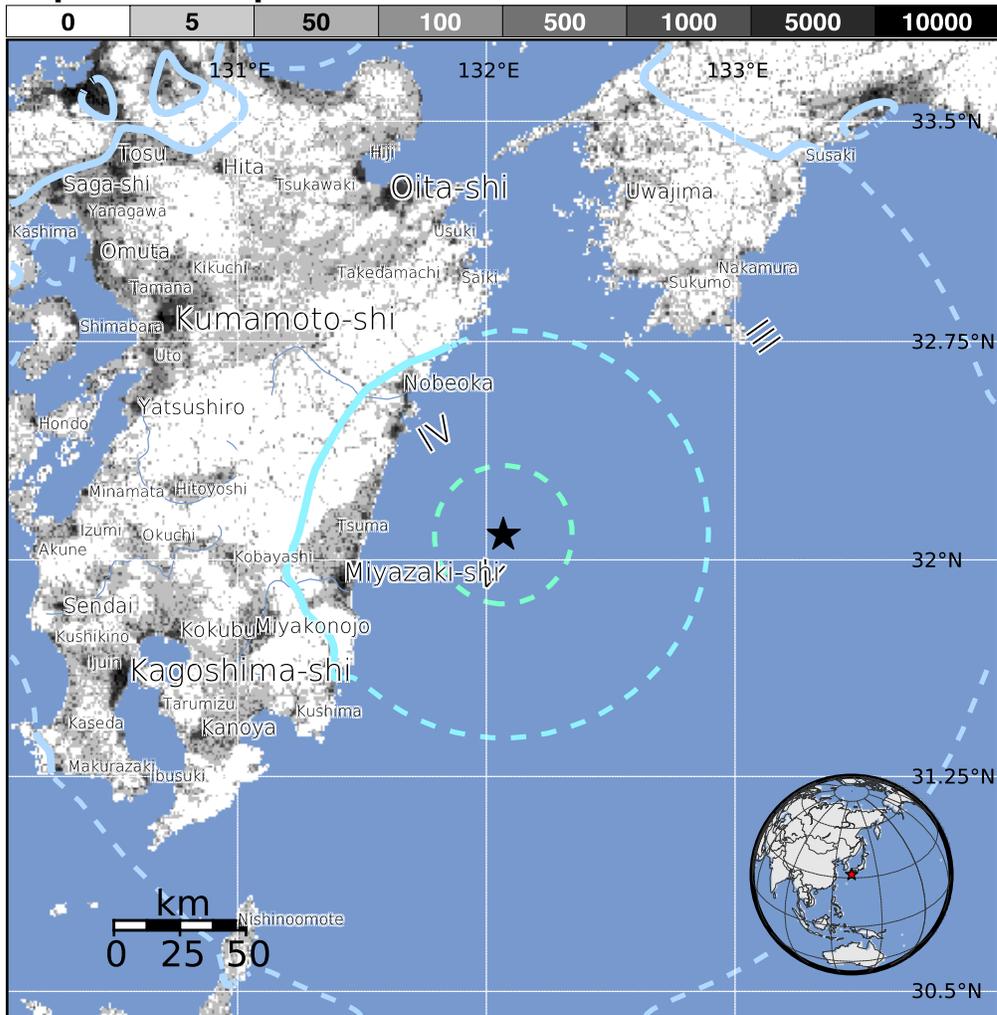


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	10,372k	842k	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
1978-07-04	110	5.8	V(7k)	0
1987-03-18	31	6.6	VII(593k)	1
1995-01-16	387	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 GeoNames.org

MMI	City	Population
IV	Takanabe	23k
IV	Miyazaki-shi	311k
IV	Tsuma	34k
IV	Nobeoka	122k
IV	Saiki	49k
IV	Kushima	22k
III	Oita-shi	449k
III	Kagoshima-shi	555k
III	Kumamoto-shi	680k
III	Kochi-shi	336k
III	Fukuoka-shi	1,392k

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: usc000s7q8