

M 5.5, KYUSHU, JAPAN

Origin Time: Mon 2016-04-18 11:42:00 UTC (20:42:00 local)

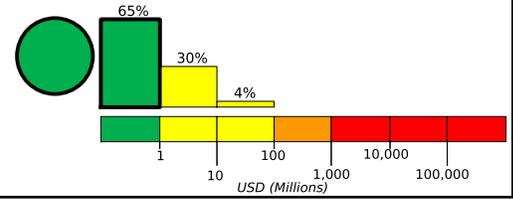
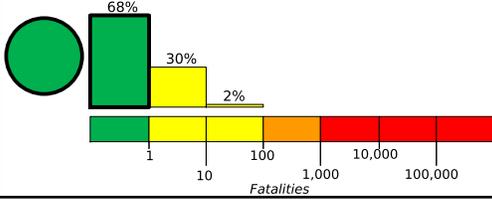
Location: 33.01°N 131.10°E Depth: 10 km

Created: 9 weeks, 4 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

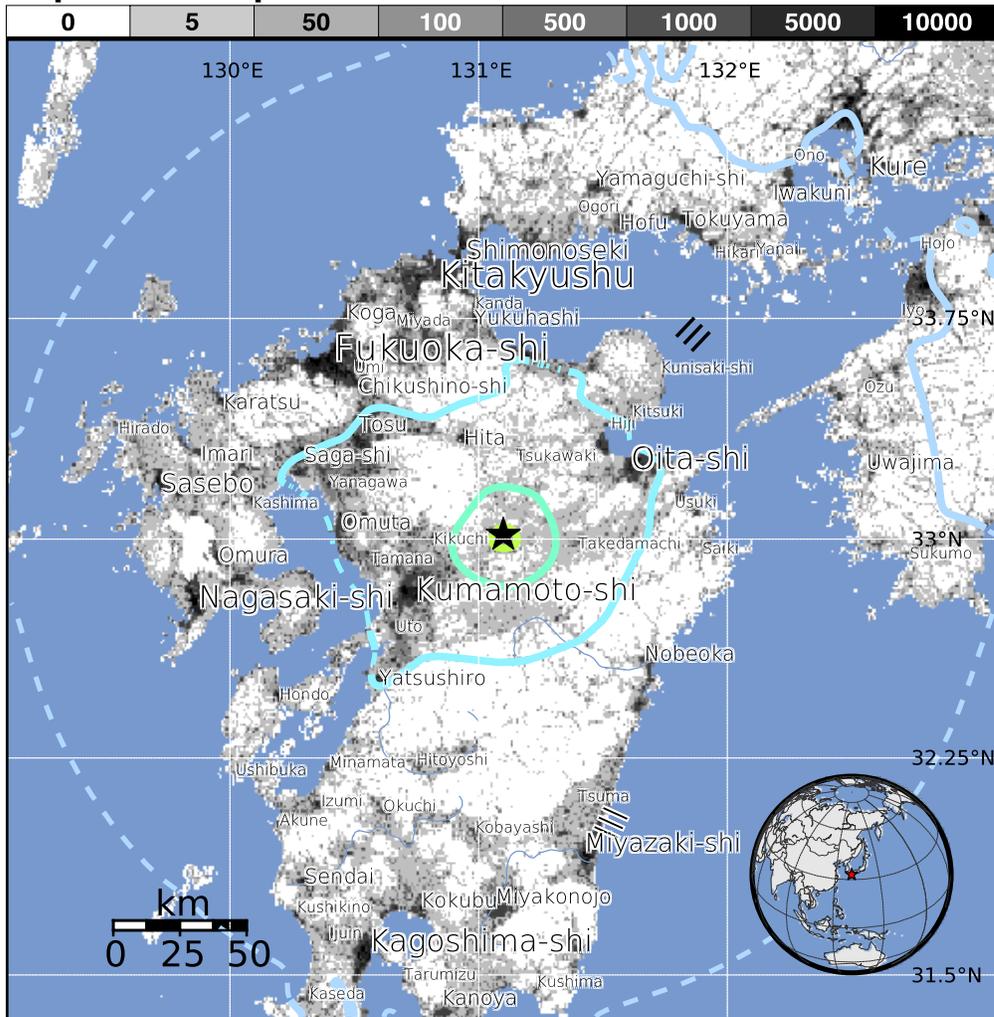


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	12,551k*	4,922k	40k	18k	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
1997-06-25	164	5.8	VI(31k)	0
1987-03-18	124	6.6	VII(593k)	1
2001-03-24	180	6.8	VIII(5k)	2

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

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Ozu	30k
IV	Kikuchi	27k
IV	Tsukawaki	18k
IV	Takedamachi	16k
IV	Yamaga	32k
IV	Kumamoto-shi	680k
IV	Oita-shi	449k
IV	Fukuoka-shi	1,392k
III	Hiroshima-shi	1,144k
III	Matsuyama-shi	443k
III	Kagoshima-shi	555k

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/earthquakes/eventpage/us20005jgz>

Event ID: us20005jgz