

**M 5.5, TAIWAN REGION**

Origin Time: Sun 2015-11-01 21:09:40 UTC (21:09:40 local)

Location: 22.75°N 121.66°E Depth: 7 km

Created: 12 weeks, 2 days after earthquake

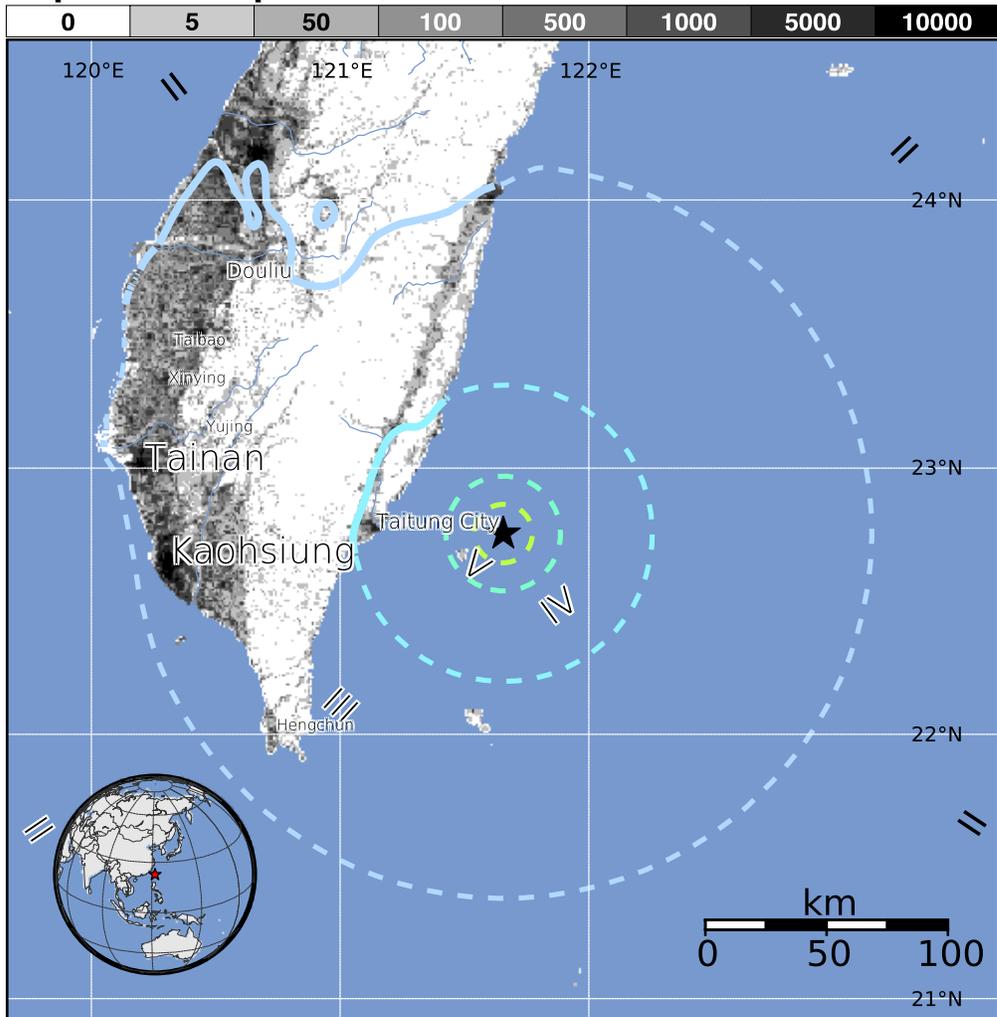


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	12,342k	211k	2k	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
1983-09-21	163	6.4	V(15k)	0
2000-05-17	160	5.4	VII(94)	3
1999-09-20	128	7.6	IX(1,952k)	2k

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	Taitung	< 1k
<b>IV</b>	<b>Taitung City</b>	<b>111k</b>
III	Pingtung	< 1k
III	Fengshan	< 1k
<b>III</b>	<b>Hengchun</b>	<b>31k</b>
<b>III</b>	<b>Kaohsiung</b>	<b>1,520k</b>
III	Hualian	350k
<b>III</b>	<b>Tainan</b>	<b>771k</b>
<b>III</b>	<b>Douliu</b>	<b>105k</b>
III	Taichung	1,041k
II	Nantou	106k

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/us2000417s>

Event ID: us2000417s