

# M 5.5, TAIWAN

Origin Time: Mon 2015-03-23 10:13:50 UTC (18:13:50 local)

Location: 23.72°N 121.75°E Depth: 35 km

Created: 10 weeks, 6 days after earthquake

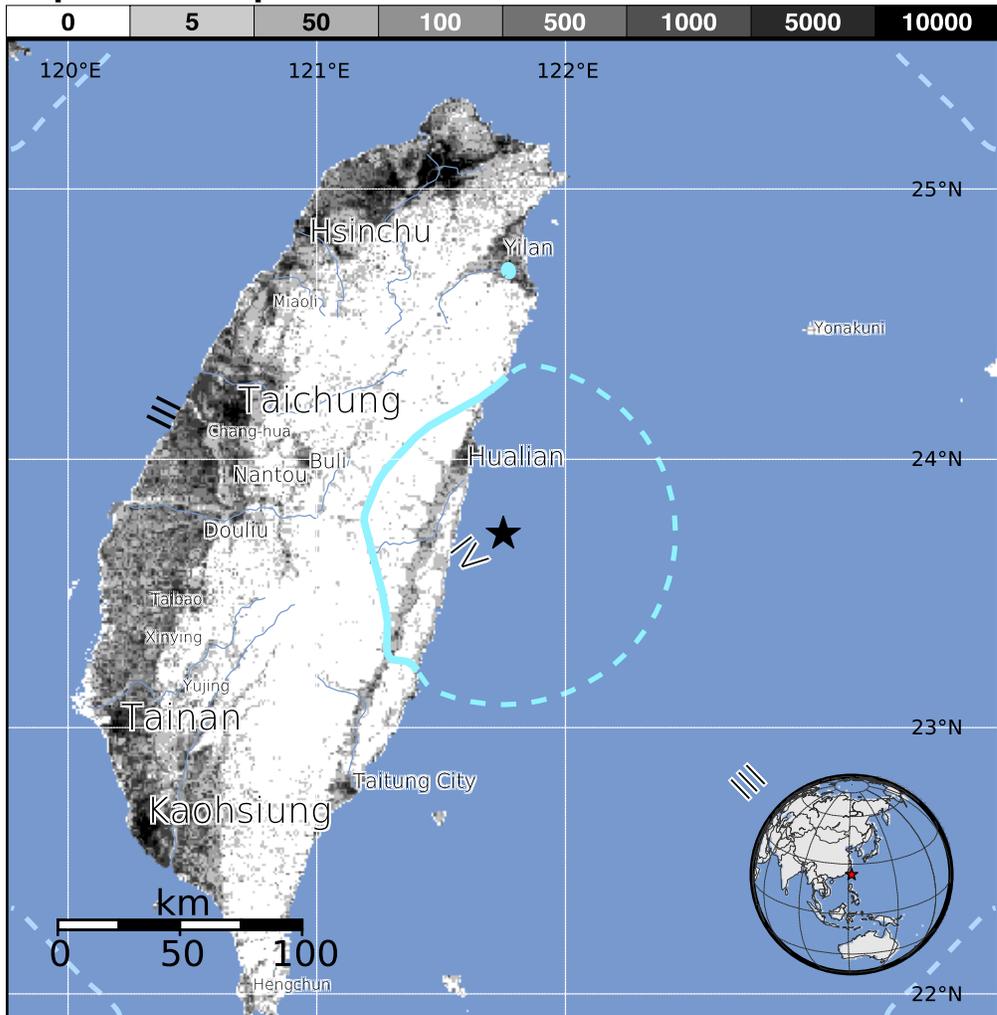


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	22,437k	971k	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
1976-02-23	77	5.8	V(281k)	0
2000-05-17	80	5.4	VII(94)	3
1999-09-20	74	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
<b>IV Hualian</b>	<b>350k</b>
<b>IV Buli</b>	<b>86k</b>
<b>IV Yilan</b>	<b>94k</b>
<b>IV Douliu</b>	<b>105k</b>
III Taitung	< 1k
<b>III Taitung City</b>	<b>111k</b>
<b>III Taichung</b>	<b>1,041k</b>
III Taipei	7,872k
III Banqiao	543k
<b>III Tainan</b>	<b>771k</b>
<b>III Kaohsiung</b>	<b>1,520k</b>

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: us10001ps8