

# M 6.1, 29 km S of Hualien City, Taiwan

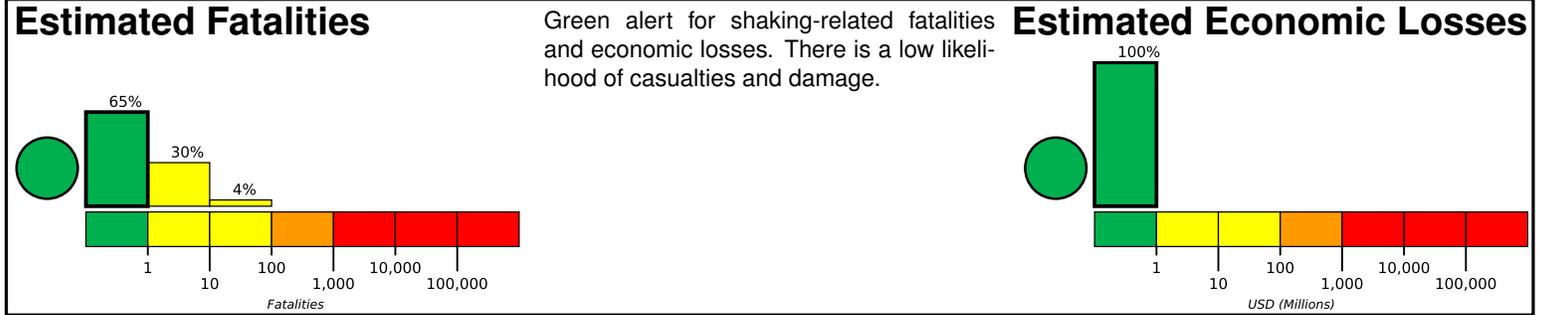
Origin Time: 2024-04-22 18:26:52 UTC (Tue 02:26:52 local)

Location: 23.7141° N 121.6599° E Depth: 9.0 km

**FOR TSUNAMI INFORMATION, SEE: [tsunami.gov](https://tsunami.gov)**

Created: 1 week, 5 days after earthquake

## PAGER Version 5

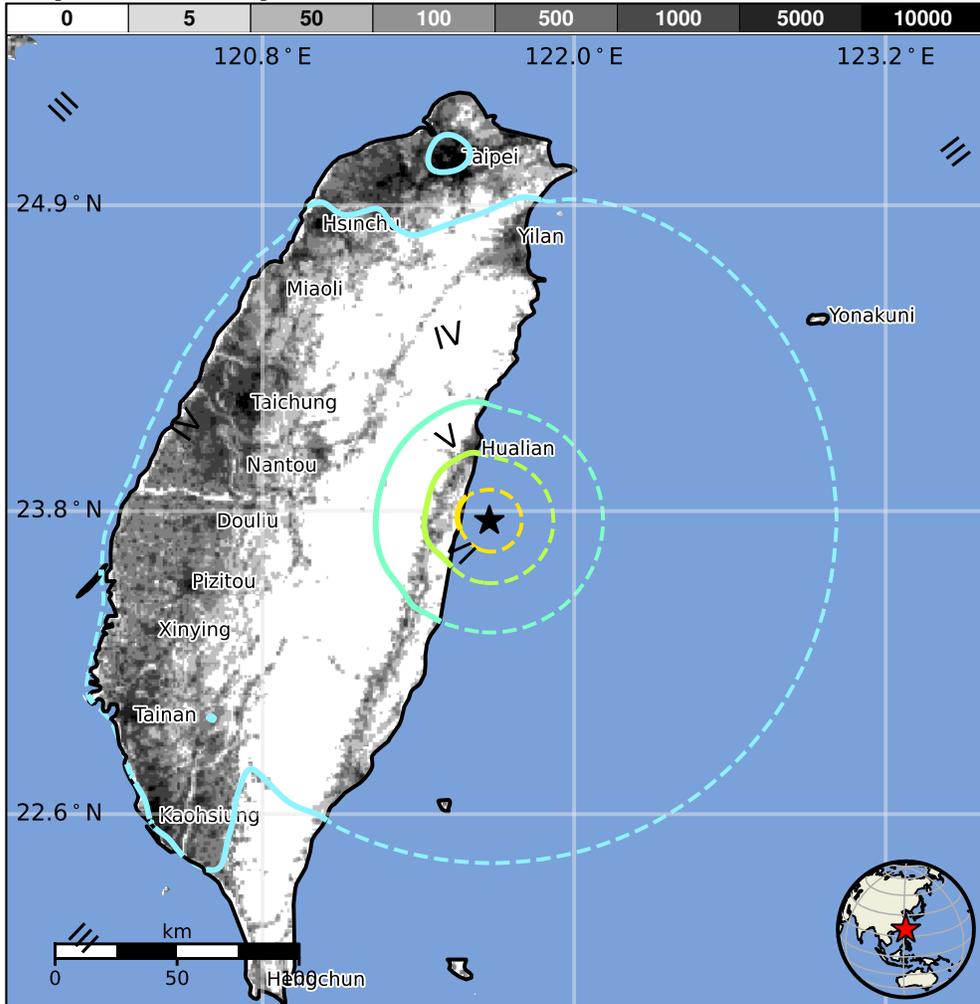


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	—*	5,301k*	17,995k	129k	164k	3k	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	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./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 vulnerable structures exist. The predominant vulnerable building types are heavy wood frame and reinforced/confined masonry construction.

## Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1988-07-20	30	5.9	VII(226k)	1
1982-01-23	27	6.0	VII(146k)	1
1999-09-20	72	7.6	IX(1,778k)	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
VI	<b>Hualien City</b>	350k
IV	Puli	86k
IV	<b>Douliu</b>	105k
IV	Yilan	94k
IV	Pizitou	5k
IV	Jiayi Shi	<1k
IV	Taipei	7,872k
IV	<b>Taichung</b>	1,041k
IV	Tainan	771k
IV	Zhongxing New Village	26k
IV	<b>Kaohsiung</b>	1,520k

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.

<https://earthquake.usgs.gov/earthquakes/eventpage/us6000mt0r#pager>

Event ID: us6000mt0r