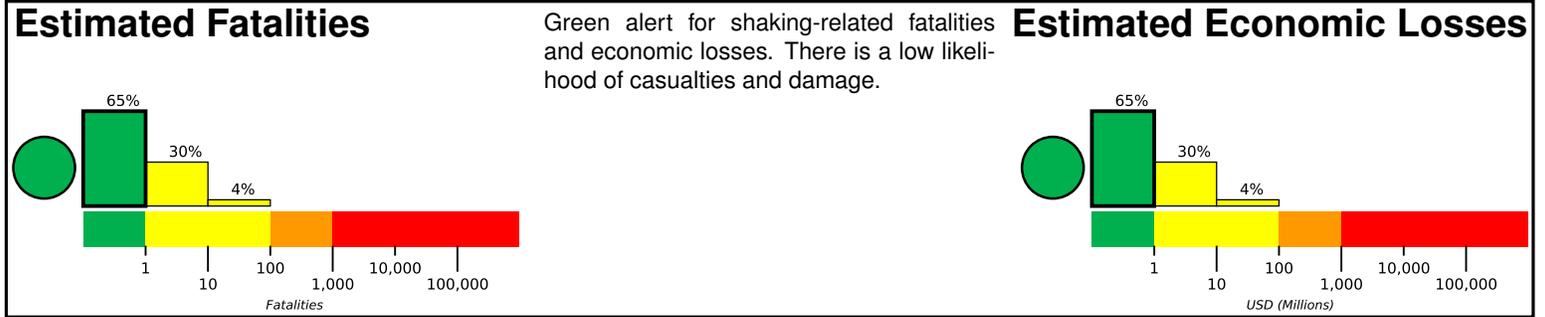


M 6.1, 21km NNE of Hualien, Taiwan

Origin Time: 2018-02-04 13:56:42 UTC (Sun 21:56:42 local)
Location: 24.1595° N 121.6777° E Depth: 12.0 km

PAGER
Version 3

Created: 3 hours, 37 minutes after earthquake

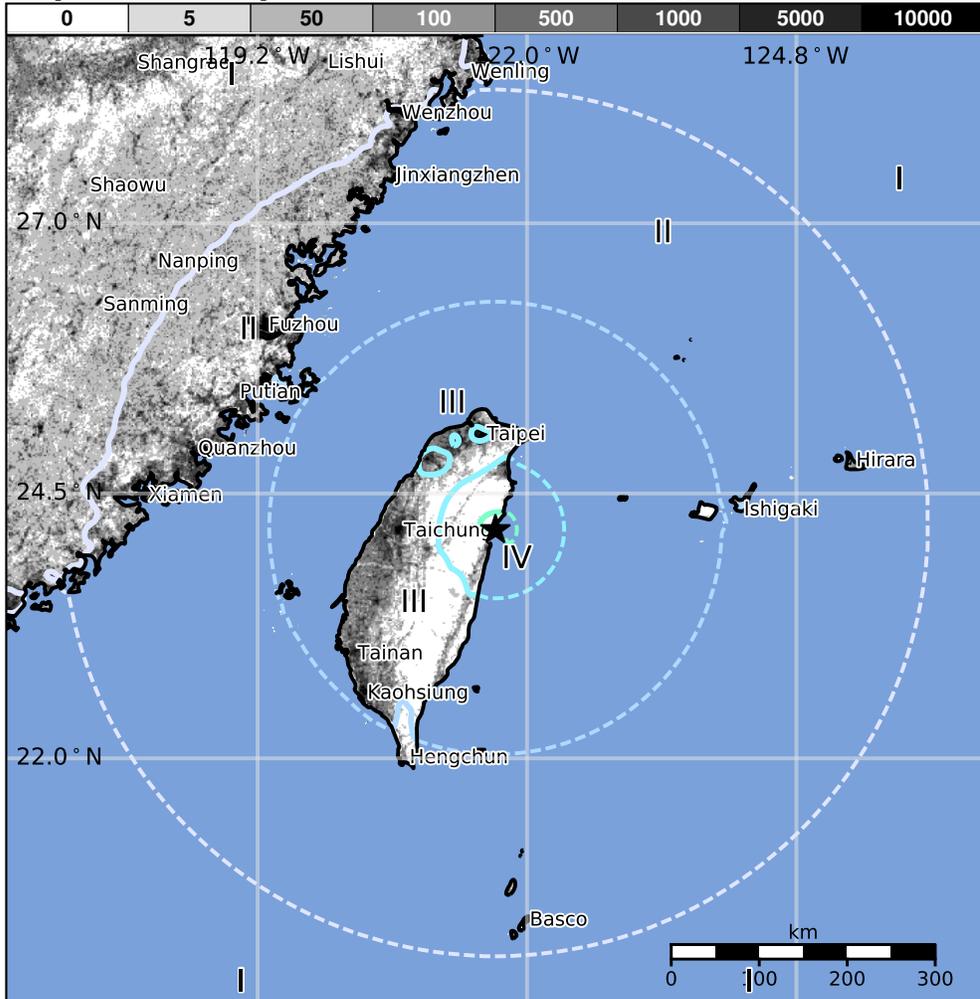


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	21,310k*	56,386k	7,953k	6k	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	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 vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are adobe block and unreinforced brick with mud construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1994-09-16	351	6.7	V(2,387k)	5
2000-05-17	60	5.4	VI(3k)	3
1999-09-20	84	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
IV	Hualien City	350k
IV	Yilan	94k
IV	Zhubei	<1k
IV	Hsinchu	404k
IV	Taipei	7,872k
IV	Banqiao	543k
III	Zhongxing New Village	26k
III	Kaohsiung	1,520k
II	Fuzhou	1,180k
II	Jincheng	38k
II	Shantou	5,329k

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.

bold cities appear on map.

(k = x1000)