

M 6.2, TAIWAN

Origin Time: Sun 2013-06-02 05:43:03 UTC (13:43:03 local)

Location: 23.79°N 121.13°E Depth: 17 km

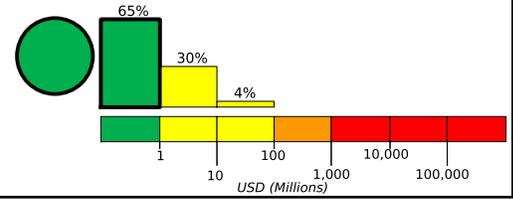
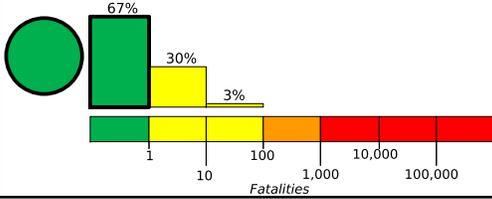
PAGER
Version 8

Created: 1 week, 5 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



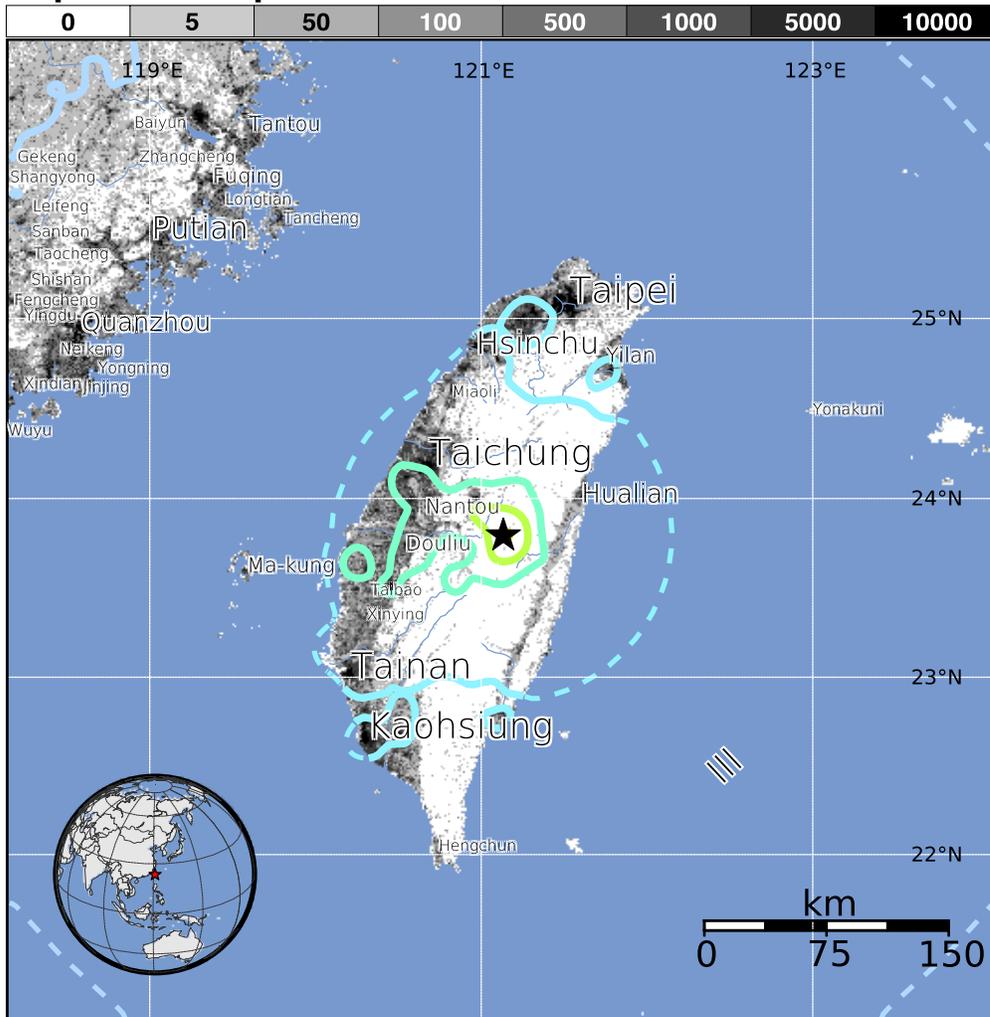
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	- -*	25,025k	12,435k	3,248k	58k	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

population per ~1 sq. km from Landsat



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
2007-01-25	162	6.0	VI(227)	0
2000-05-17	42	5.4	VII(94)	3
1999-09-20	18	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
VI Buli	86k
V Douliu	105k
V Chang-hua	< 1k
V Jiayi Shi	< 1k
IV Nantou	106k
IV Taichung	1,041k
IV Kaohsiung	1,520k
IV Tainan	771k
III Taipei	7,872k
III Fuzhou	1,180k

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: usb000hbrt