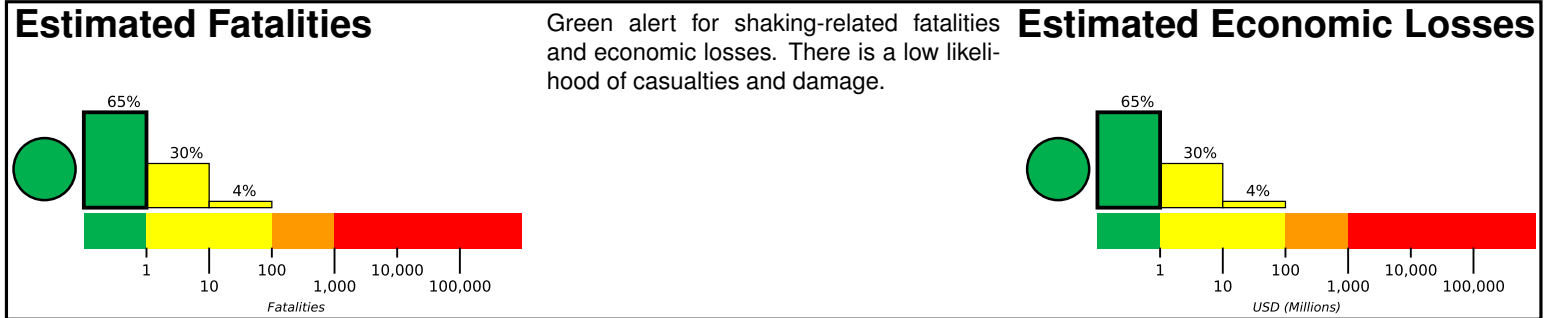


M 6.1, 56km NNW of Pandan, Philippines

Origin Time: 2018-05-05 06:19:05 UTC (Sat 14:19:05 local)
Location: 14.5708° N 123.9192° E Depth: 18.0 km

PAGER
Version 3

Created: 1 week, 4 days after earthquake

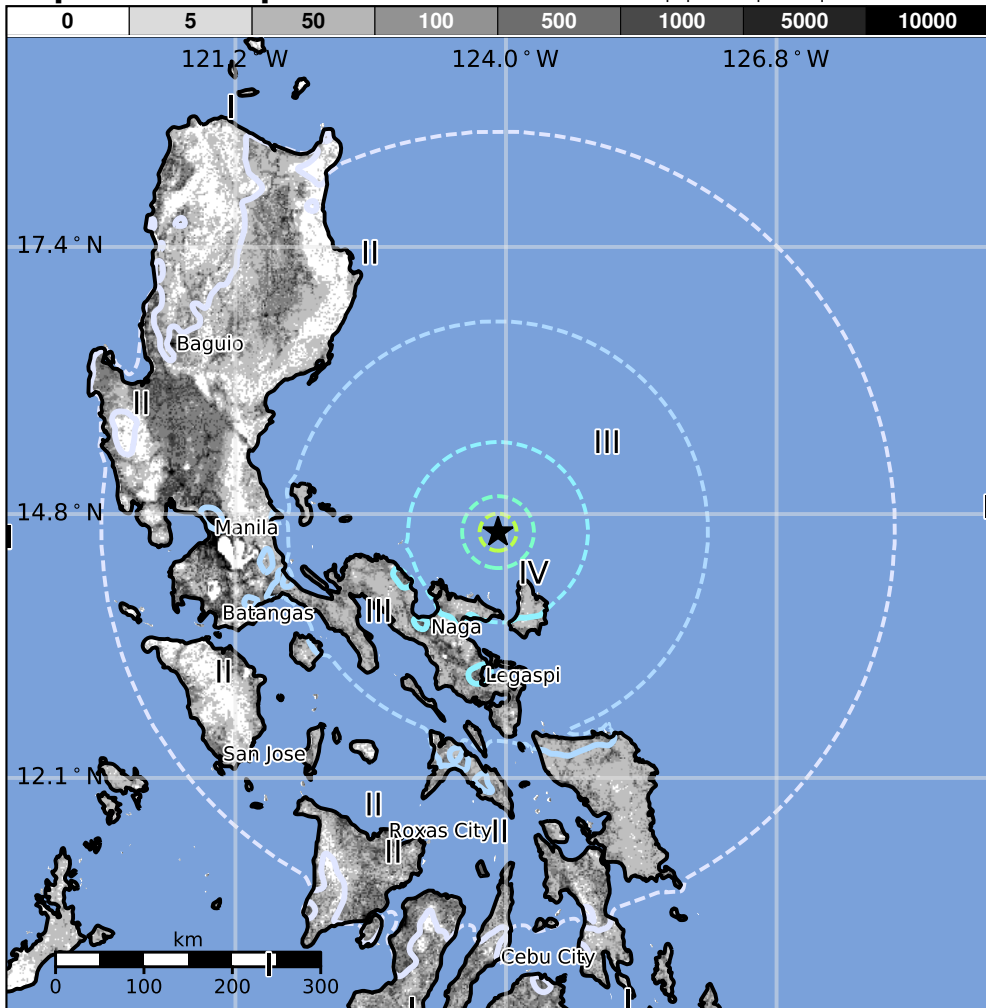


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	6,767k*	75,817k	2,070k	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	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 a mix of vulnerable and earthquake resistant construction. The predominant vulnerable building types are unknown/miscellaneous types and heavy wood frame construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1999-12-15	369	4.8	VI(34k)	1
1977-03-18	299	7.2	VII(520k)	1
1990-07-16	320	7.7	IX(893k)	2k

Recent earthquakes in this area have caused secondary hazards such as landslides and liquefaction that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Pandan	5k
IV	Caramoran	5k
IV	Garchitorea	5k
IV	Sagpon	7k
IV	San Roque	5k
IV	Panganiban	4k
III	Manila	1,600k
II	Calamba	317k
II	Iloilo	388k
II	Baguio	273k
II	Cebu City	799k

bold cities appear on map.

(k=x1000)