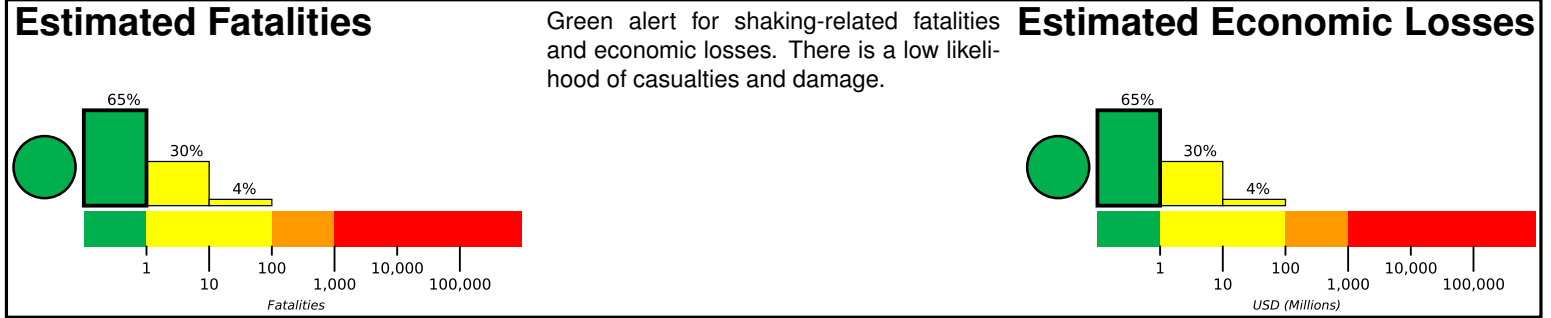


M 5.9, 24km WNW of Gadung, Philippines

Origin Time: 2018-05-10 18:02:29 UTC (Fri 02:02:29 local)
Location: 6.8767° N 123.8112° E Depth: 546.1 km

Created: 3 hours, 32 minutes after earthquake

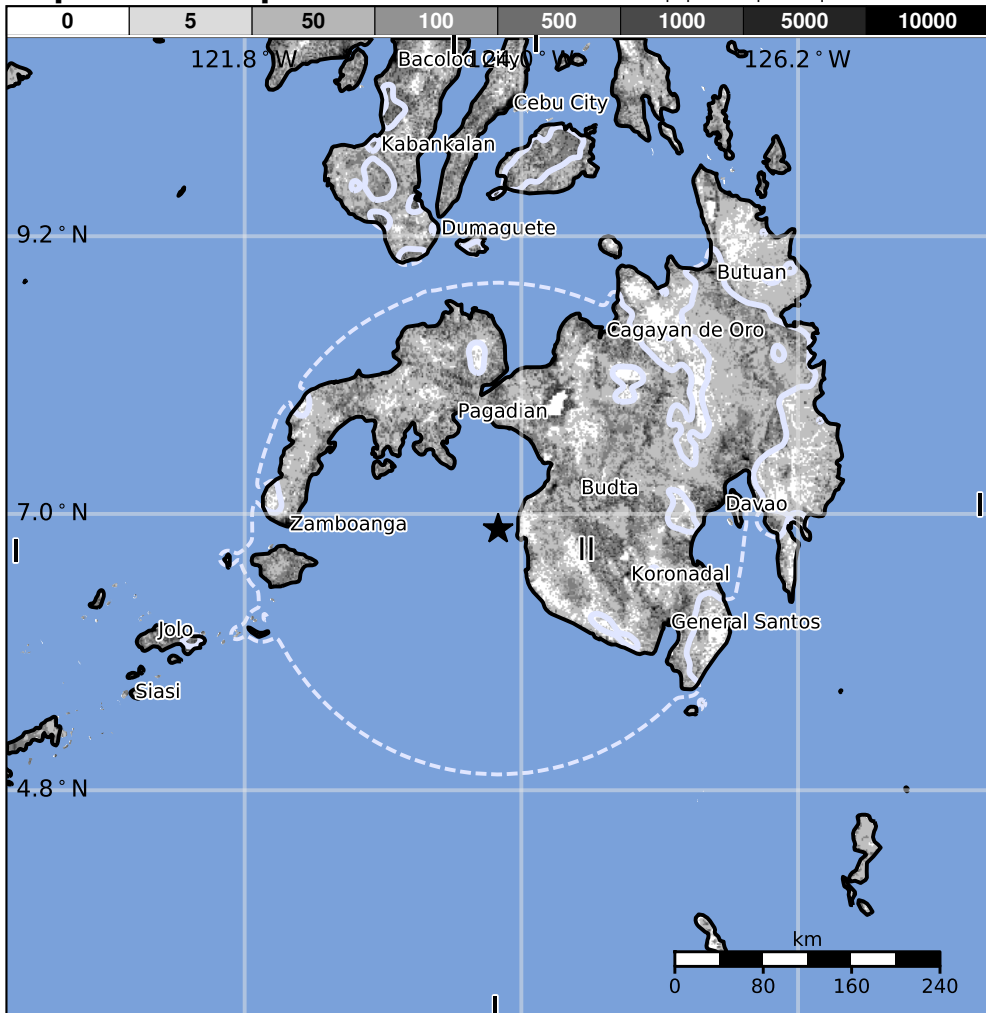


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)	13,215k	28,704k	0	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
1987-05-23	223	5.7	VII(70k)	1
1990-02-08	333	6.7	VIII(96k)	1
2002-03-05	104	7.5	VIII(12k)	15

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
II	Katiduan	5k
II	Bongued	3k
II	Pagalungan	31k
II	Pagatin	3k
II	Barurao	3k
II	Panadtaban	2k
II	Cagayan de Oro	445k
II	Davao	1,213k
II	Butuan	310k
I	Cebu City	799k
I	Iloilo	388k

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)