

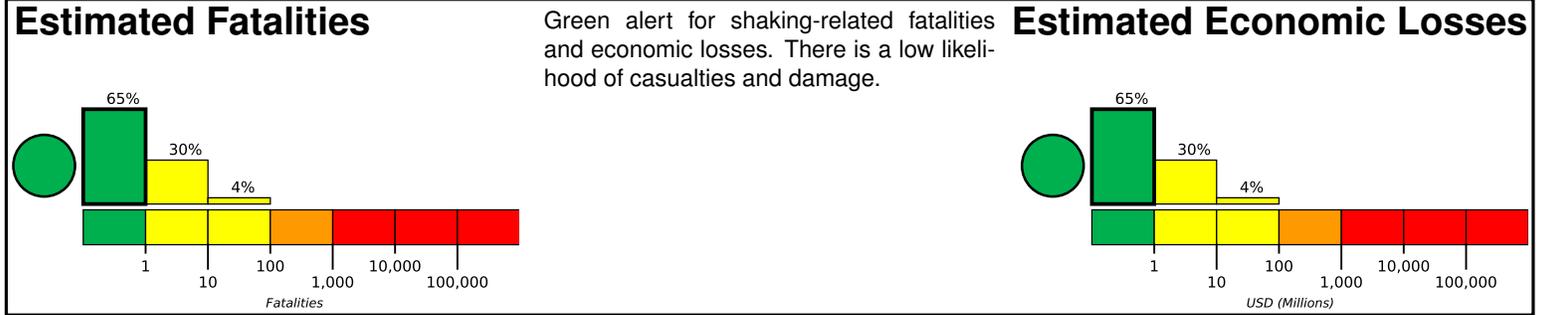
M 6.9, 84km SE of Pondaguitan, Philippines

Origin Time: 2018-12-29 03:39:09 UTC (Sat 11:39:09 local)

Location: 5.9236° N 126.8040° E Depth: 59.8 km

FOR TSUNAMI INFORMATION, SEE: tsunami.gov

Created: 57 minutes, 19 seconds after earthquake

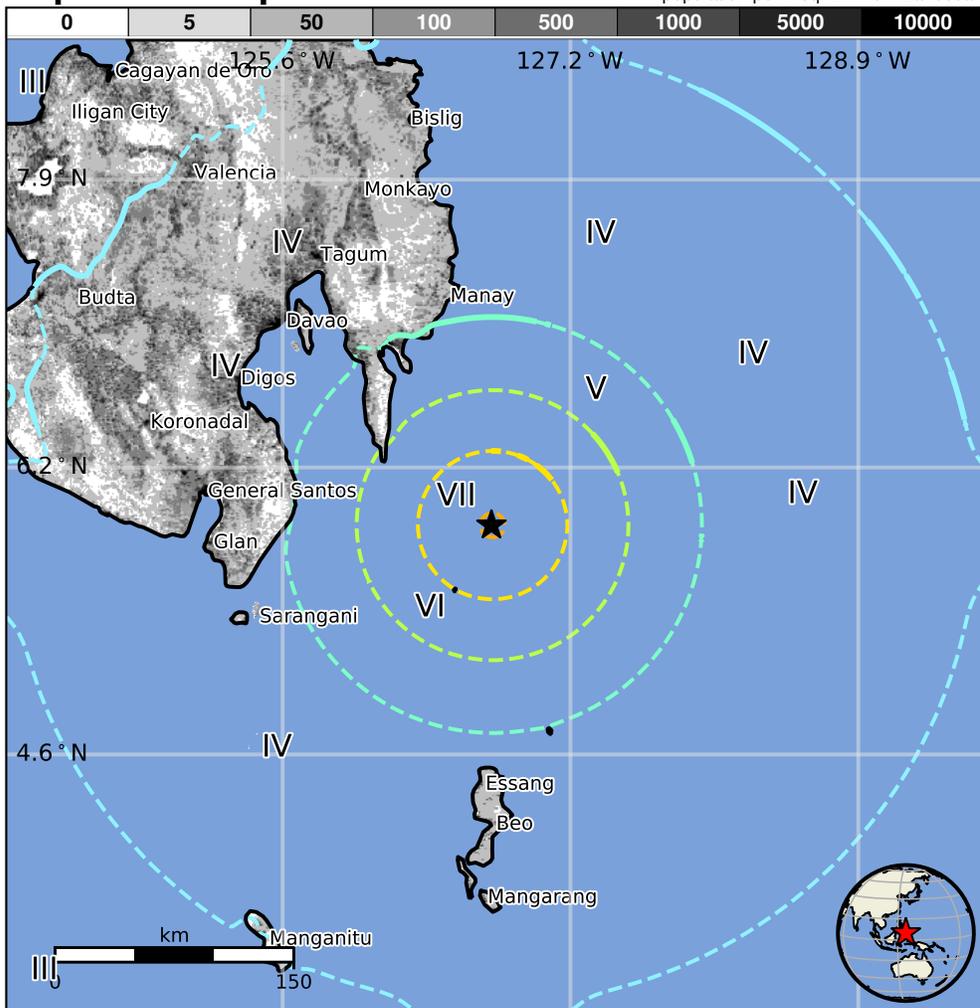


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	4,083k*	13,176k	404k	6k	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	275	5.7	VII(70k)	1
1987-05-18	307	6.2	VIII(12k)	1
2002-03-05	287	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
VI	Pondaguitan	2k
V	Surup	2k
V	Luzon	3k
V	Nangan	3k
V	Tiblawan	3k
V	Magdug	2k
IV	Davao	1,213k
IV	Koronadal	126k
IV	Budta	1,274k
IV	Cotabato	179k
III	Cagayan de Oro	445k

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/us2000iyta#pager>

Event ID: us2000iyta