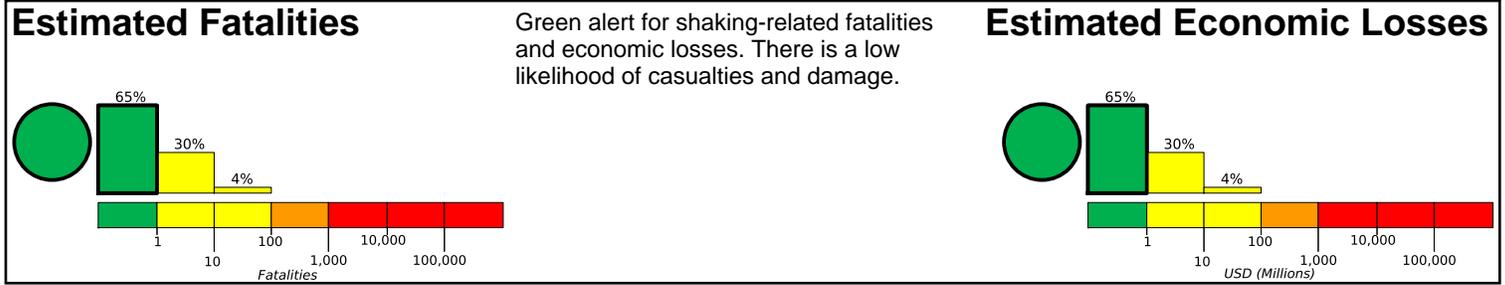


M 6.1, MINDANAO, PHILIPPINES

Origin Time: Sat 2013-02-16 04:37:36 UTC (12:37:36 local)

Location: 5.81°N 125.75°E Depth: 105 km

Created: 3 weeks, 6 days after earthquake

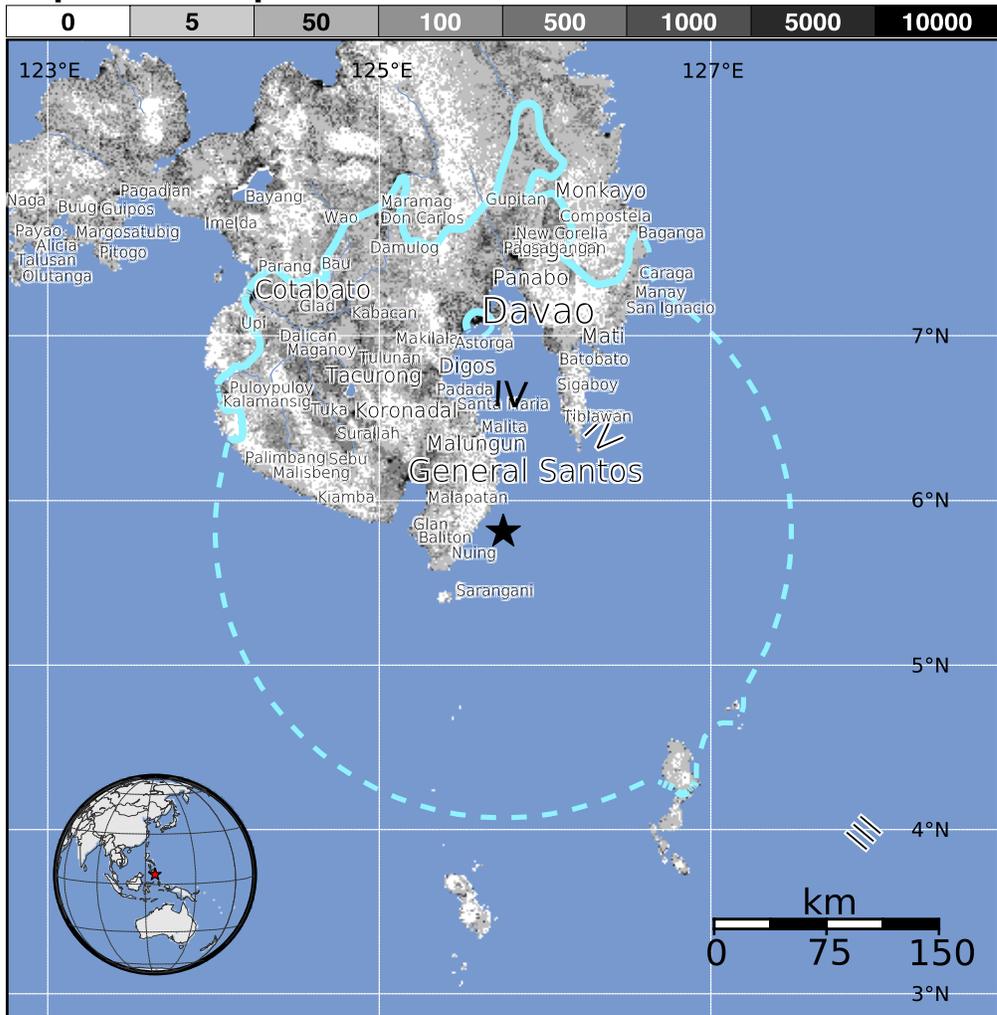


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	9,759k*	10,017k	46k	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	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



Structures:

Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1975-10-27	265	5.9	V(338k)	0
1990-06-13	91	5.7	V(239k)	4
2002-03-05	182	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
V Buayan	15k
IV Lamitan	3k
IV Tinagacan	5k
IV Manga	4k
IV Malungun	52k
IV Katangawan	8k
IV Koronadal	126k
IV Cotabato	179k
IV Davao	1,213k
III Cagayan de Oro	445k
III Pagadian	< 1k

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: usc000f8be