

M 5.6, MINDANAO, PHILIPPINES

Origin Time: Wed 2009-08-12 20:04:25 UTC

Location: 6.05°N 126.36°E Depth: 95 km

PAGER Version 1

Created: 30 mins, 37 secs after earthquake

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	4,742k*	3,768k	6k	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

population per ~1 sq. km from Landscan 2006

Selected City Exposure

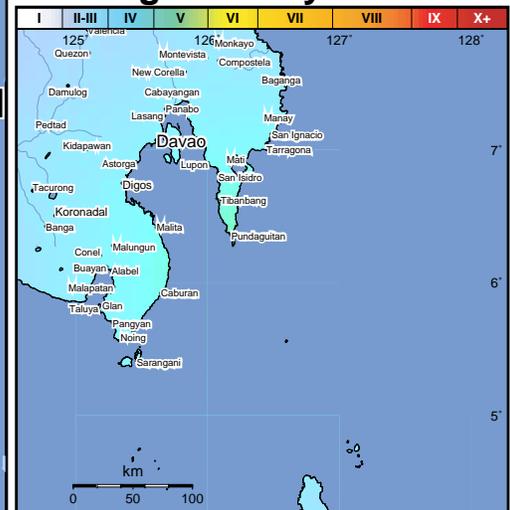


MMI City	Population
V Surup	2k
V Pundaguitan	2k
IV Nangan	3k
IV Tiblawan	2k
IV Luzon	3k
IV Magdug	2k
IV Lamitan	3k
IV Digos	116k
IV Davao	1,212k
III Panabo	84k
III Koronadal	125k

bold cities appear on map (k = x1000)

Shaking Intensity

MMI



Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. A magnitude 5.7 earthquake occurred in the the Philippines region 240 km northwest of the location of this earthquake on May 23, 1987 (UTC), with estimated population exposures of 70,000 at intensity VII and 473,000 at intensity VI, resulting in an estimated 1 fatality. On August 16, 1976 (UTC), a magnitude 8.0 earthquake and tsunami occurred near the Moro Gulf, Philippines, region 252 km west of the location of this earthquake, with estimated population exposures of 1,515,000 at intensity VII and 2,908,000 at intensity VI, resulting in an estimated 7,079 fatalities. Recent earthquakes in this area have caused landslides that may have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.

<http://earthquake.usgs.gov/pager>

Event ID: us2009kfb7