M 5.6, MINDORO, PHILIPPINES

Origin Time: Wed 2008-10-01 18:04:28 UTC
Location: 13.34˚N 120.42˚E   Depth: 45 km

PAGER
Version 1
Created: 1 days, 21 hrs after earthquake

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)	- -*	15,250k*	14,148k	513k	41k	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
POTENTIAL DAMAGE — 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
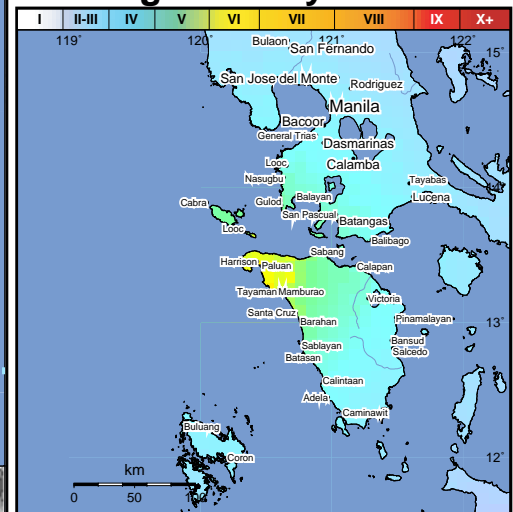population per ~1 sq. km from Landscan 2006

Selected City Exposure

MMI	City	Population
VI	**Paluan**	**4k**
VI	**Harrison**	**2k**
VI	Cabacao	4k
VI	**Tayaman**	**5k**
VI	**Mamburao**	**23k**
V	Wawa	4k
IV	**Dasmarinas**	**441k**
IV	**Bacoor**	**356k**
III	**Manila**	**10,444k**
III	Antipolo	549k
III	**San Jose del Monte**	**357k**

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 6.1 earthquake 358 km Northeast of this one struck the Philippines on April 24, 1985 (UTC), with estimated population exposures of 20,000 at intensity VIII and 37,000 at intensity VII, resulting in an estimated 6 fatalities. On July 16, 1990 (UTC), a magnitude 7.7 earthquake 277 km Northeast of this one struck Luzon, Philppines, with estimated population exposures of 889,000 at intensity IX or greater and 1,226,000 at intensity VIII, resulting in an estimated 2,430 fatalities. Recent earthquakes in this area have caused, landslides and liquefaction that may have contributed to losses.

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