

M 6.6, HALMAHERA, INDONESIA

Origin Time: Thu 2008-09-11 00:00:03 UTC

Location: 1.88°N 127.37°E Depth: 98 km

PAGER
Version 3

Created: 1 days, 16 hrs after earthquake

Estimated Population Exposed to Earthquake Shaking

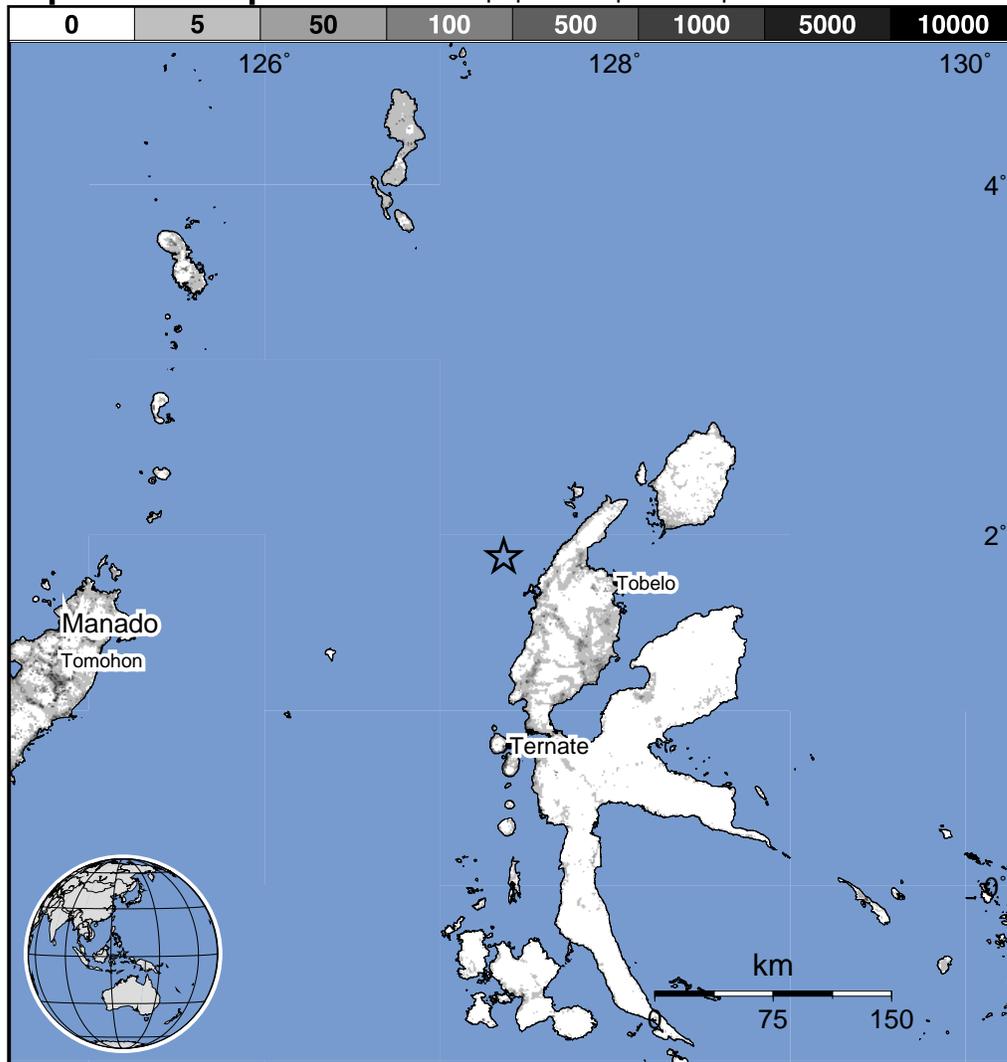
ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	300k*	1,292k	560k	164k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	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 Landsat 2006

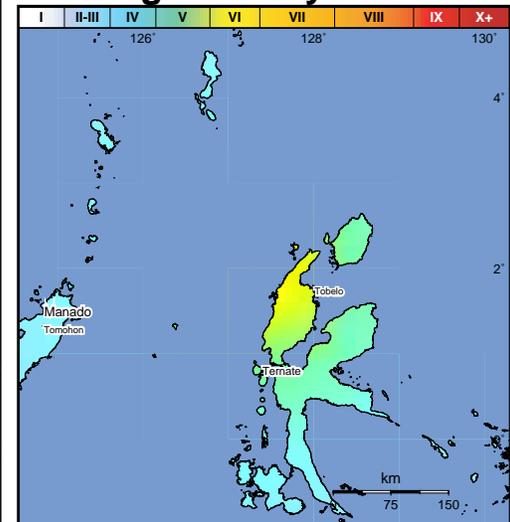
Selected City Exposure



MMI City	Population
VI Tobelo	10k
V Ternate	101k
IV Bitung	137k
IV Manado	451k
IV Laikit	8k
IV Tondano	33k
IV Tomohon	27k

bold cities appear on map (k = x1000)

Shaking Intensity



Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though some resistant structures exist. A magnitude 6.9 earthquake and tsunami 99 km Northeast of this one struck Indonesia on January 21, 1994 (UTC), with estimated population exposures of 32,000 at intensity IX or greater and 31,000 at intensity VIII, resulting in an estimated 7 fatalities.

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