

M 7.6, MORO GULF, MINDANAO, PHILIPPINES

Origin Time: Fri 2010-07-23 22:51:12 UTC

Location: 6.47°N 123.53°E Depth: 583 km

PAGER
Version 3

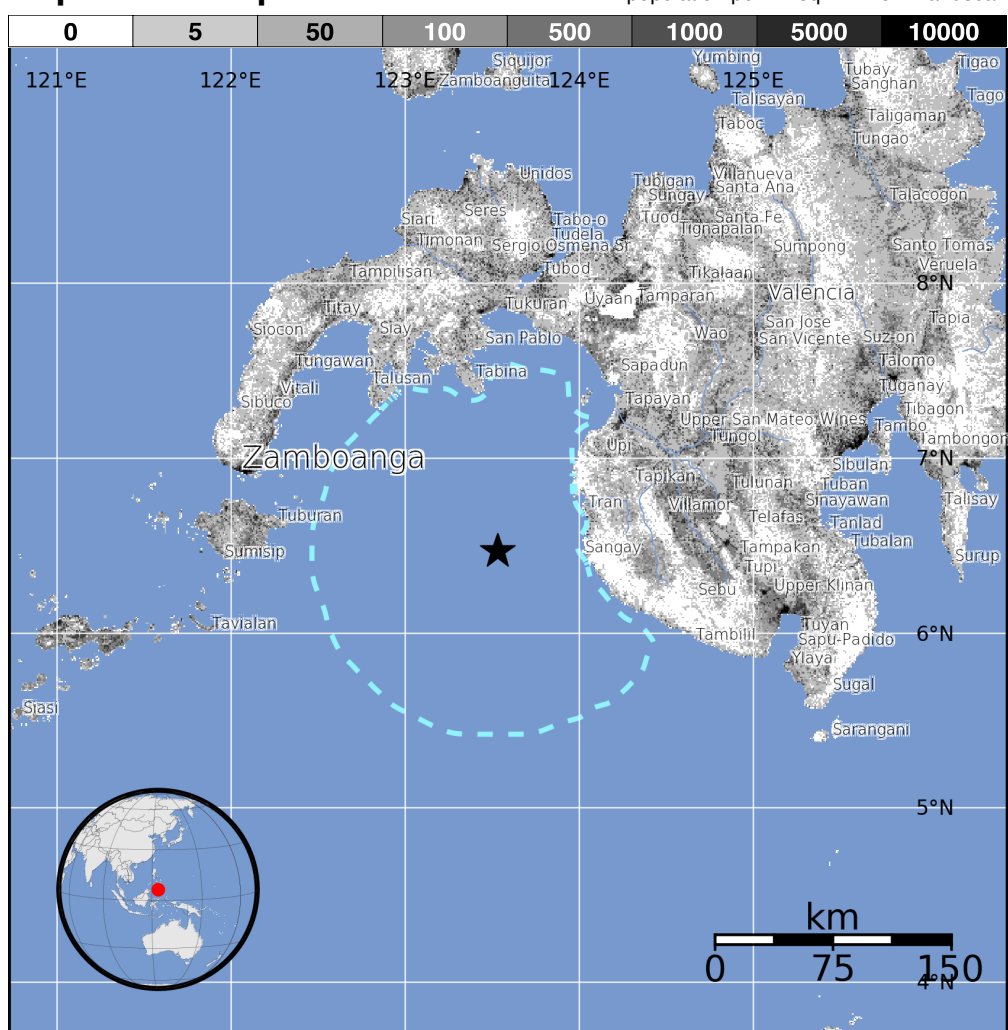
Created: 1 day, 23 hours after earthquake

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	20,748k*	154k	0	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

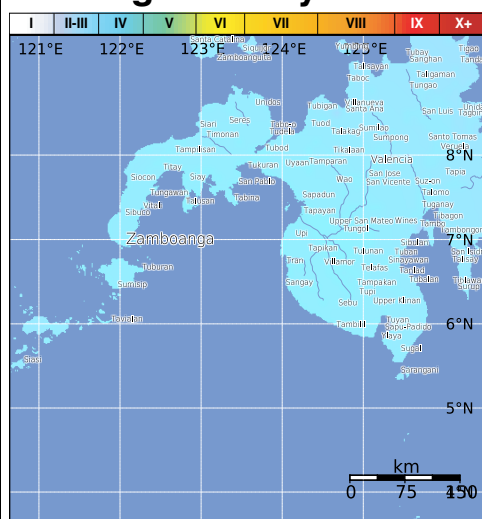


Selected City Exposure

MMI City	Population
III Taguiga	3k
III Sangay	4k
III Puricay	3k
III Limulan	4k
III Kulaman	3k
III Kalamansig	13k
III Zamboanga	458k
III Cagayan de Oro	445k
III Mantampay	265k
III Libertad	250k
II Davao	1,213k

bold cities appear on map (k = x1000)

Shaking Intensity



Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. A magnitude 8.0 earthquake 65 km East of this one struck Moro Gulf, Philippines on August 16, 1976 (UTC), with estimated population exposures of 1,484,000 at intensity VII and 2,888,000 at intensity VI, resulting in a reported 7,079 fatalities. Recent earthquakes in this area have caused tsunamis and 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: us2010zbca