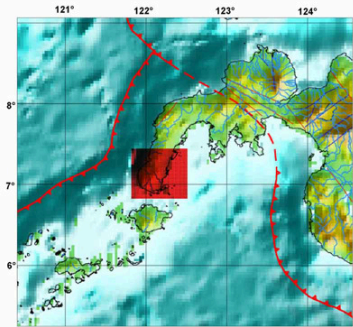


TSUNAMI HAZARD MAP Zamboanga City



Legend:

- Tsunami Inundation Area
- 3 m Tsunami Wave Height at Coastline

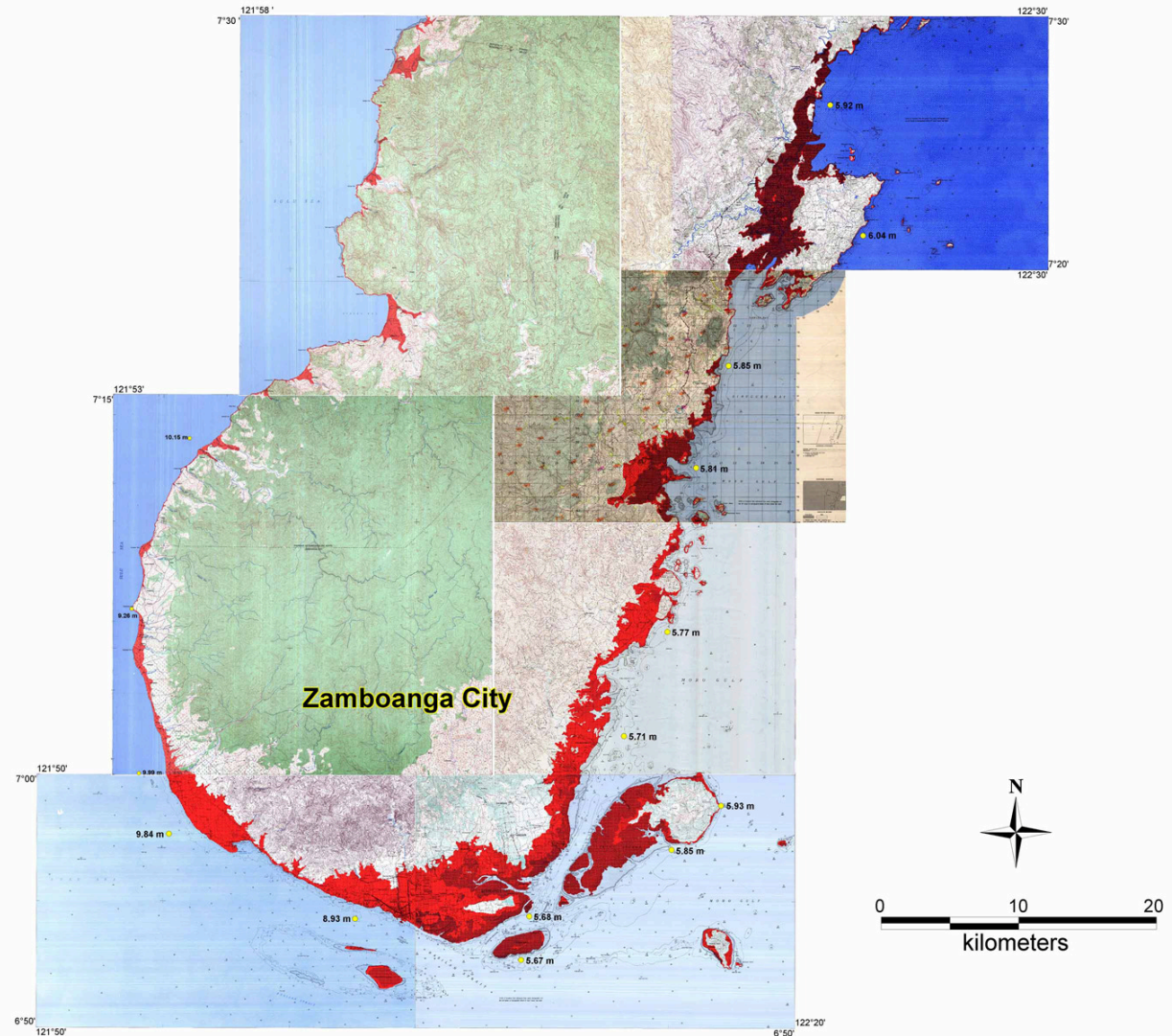
Earthquake Parameters Used in Modeling:

Source - Sulu Trench / Cotabato Trench
Magnitude - 8.0 / 8.0

Data Source:

Modeling results using REDAS Software based on empirical equations of Abe (1989), Hall and Watt (1953), Priest (1995), and Hills and Mader (1999)

1:50,000 topographic map
(Zamboanga City Sheet - 3340 I, Batorampon Point Sheet - 3341 II, Mercedes Sheet - 3340 IV, Manicahan Sheet - 3441 III, Curuan Sheet - 3441 IV, Vitali Sheet - 3442 II, Sibuco Sheet - 3341 I, Anungan Sheet - 3442 III; 1993-reprint, NAMRIA)



Map Prepared By:

Philippine Institute of Volcanology and Seismology (PHIVOLCS) - Department of Science and Technology (DOST) Under the DOST-GIA Program December 2007



Explanation:

This indicative map is based on maximum computed wave height and inundation using worst case scenario earthquakes from major offshore source zones. The indicated wave height decreases away from the shoreline.