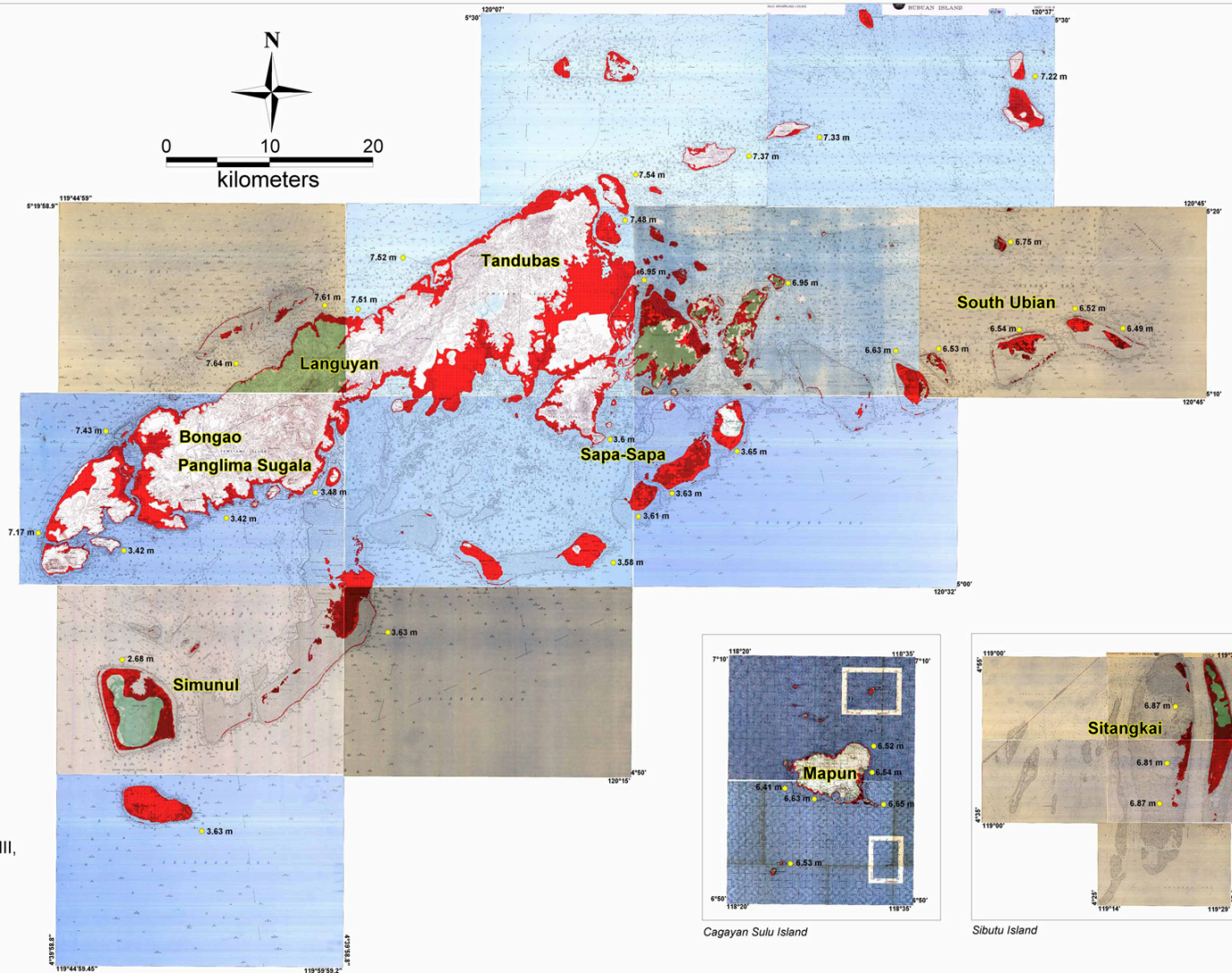
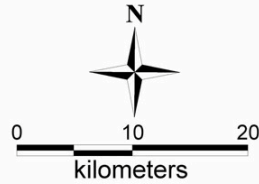
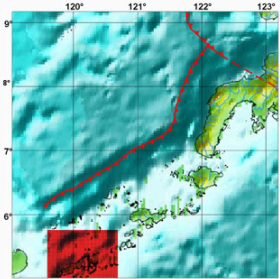


TSUNAMI HAZARD MAP

Province of Tawi-Tawi



Legend:

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

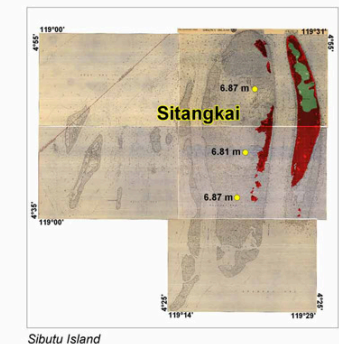
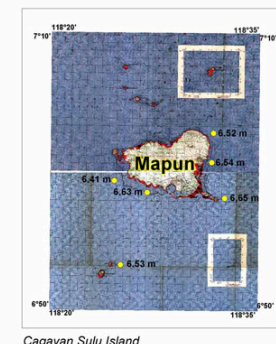
Earthquake Parameters Used in Modeling:

Source - Sulu Trench
Magnitude - 7.8 / 8.0 / 8.1

Data Source:

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

1:50,000 topographic map
(Cagayan Sheet - 2640 I, Buug Sheet - 2641 II, Omapuy Island Sheet - 2834 I, Sitangkai Sheet - 2834 II, Simunul Island Sheet - 2934 I, Manok Mangkaw Sheet - 2934 II, Tataan Island Sheet - 2935 I, Sanga Sanga Sheet - 2935 II, Bellatan Island Sheet - 3034 IV, Tandubatu Sheet - 3035 I, Sikubung Island Sheet - 3035 II, Mantabuan Island Sheet - 3035 III, Dungun Sheet - 3035 IV, Tumbagaan Sheet - 3036 II, Tabawan Island Sheet - 3135 IV, Bubuan Island Sheet - 3136 III, South Reef Sheet - 2833 I, Omapuy Island Sheet - 2834 I, Alice Reef Sheet - 2834 IV; 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.