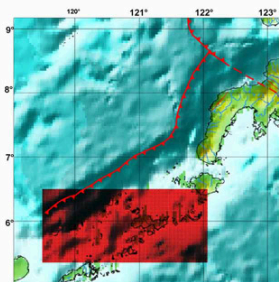


TSUNAMI HAZARD MAP

Province of Sulu



Earthquake Parameters Used in Modeling:

Source - Sulu Trench
Magnitude - 8.0 / 8.1

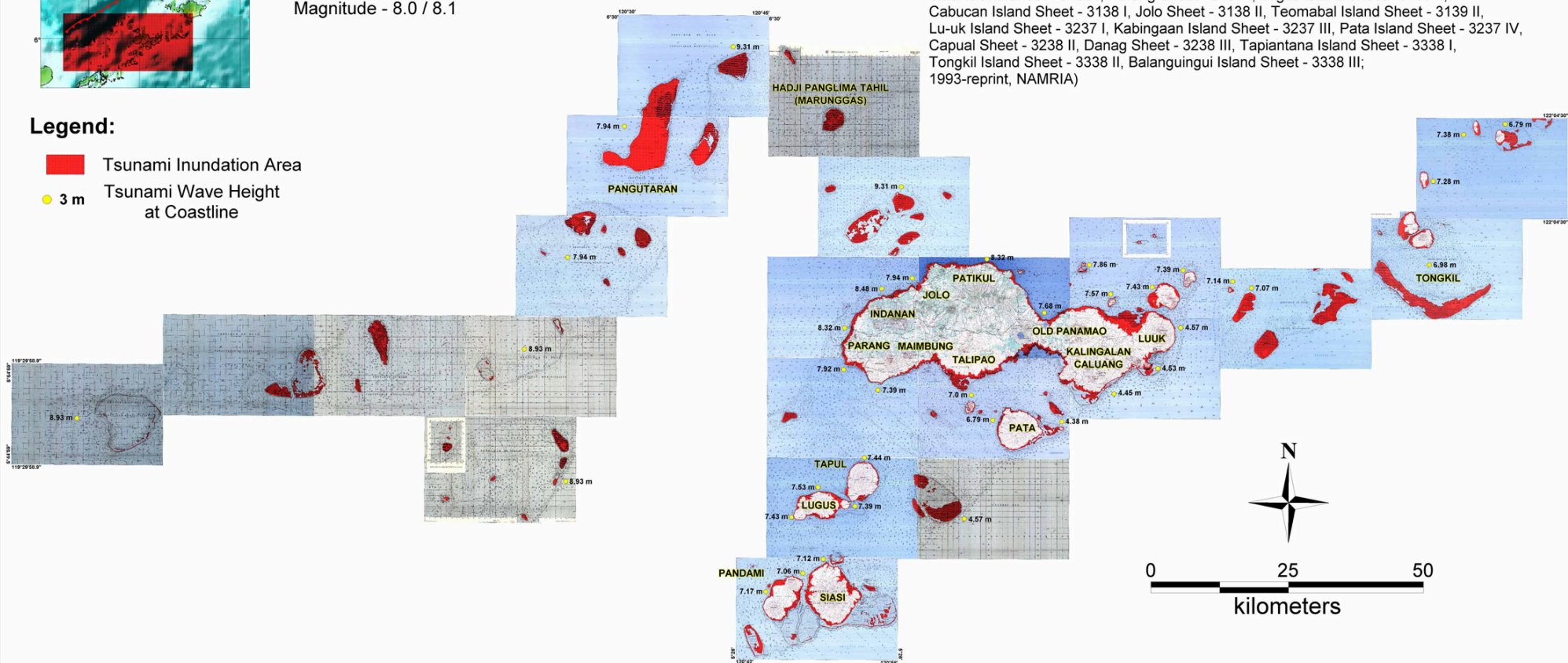
Data Source:

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
(Doc Can Island Sheet - 2937 I, Pearl Bank Sheet - 2937 III, Tubalubac Island Sheet - 3037 I, Dammi Island Sheet - 3037 II, Cap Island Sheet - 3037 IV, Usada Sheet - 3038 II, Pangutaran Island Sheet - 3138 IV, Kulassian Island Sheet - 3139 III, Siasi Island Sheet - 3136 I, Parang Sheet - 3137 I, Lugus Island Sheet - 3137 II, Cabucan Island Sheet - 3138 I, Jolo Sheet - 3138 II, Teomabal Island Sheet - 3139 II, Lu-uk Island Sheet - 3237 I, Kabingaan Island Sheet - 3237 III, Pata Island Sheet - 3237 IV, Capual Sheet - 3238 II, Danag Sheet - 3238 III, Tapiantana Island Sheet - 3338 I, Tongkil Island Sheet - 3338 II, Balanguingui Island Sheet - 3338 III; 1993-reprint, NAMRIA)

Legend:

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



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.