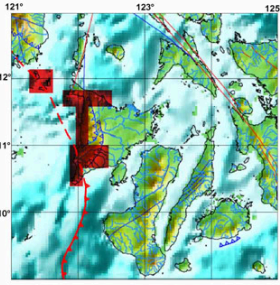


# TSUNAMI HAZARD MAP

## Province of Antique



### Legend:

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

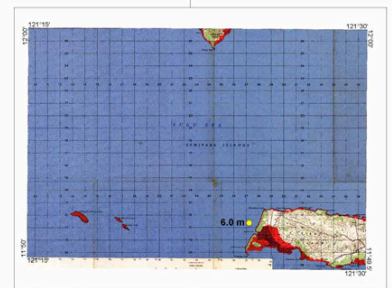
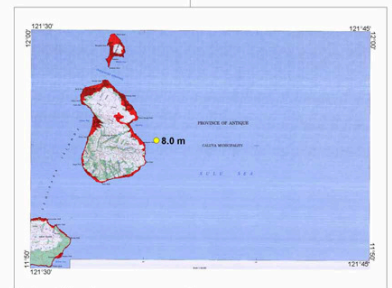
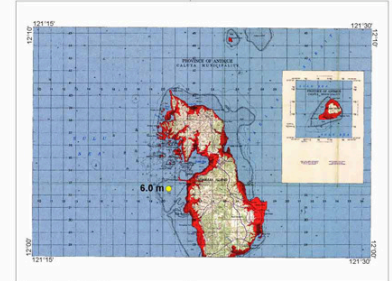
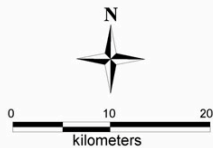
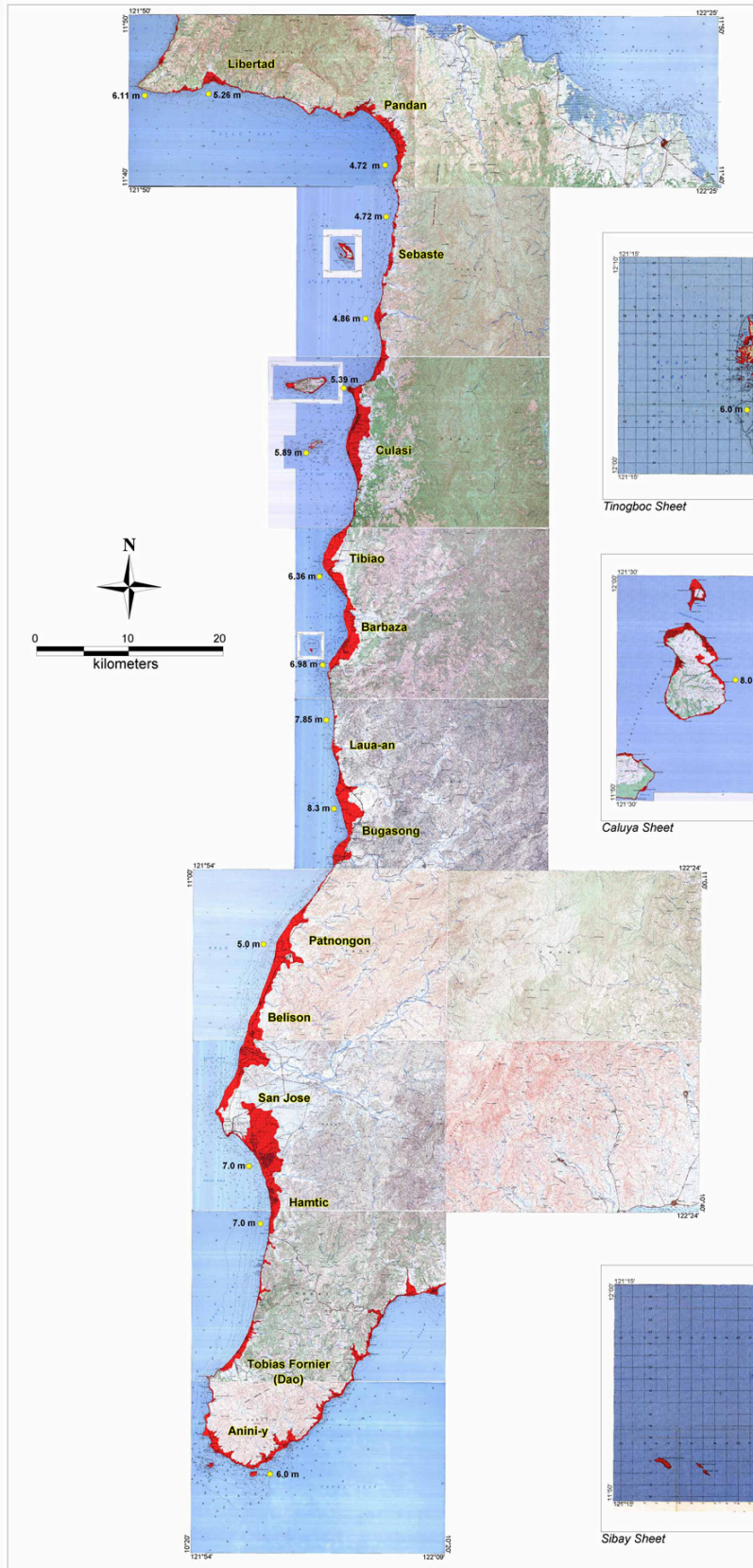
### Earthquake Parameters Used in Modeling:

Source - Negros Trench  
Magnitude - 7.3

### 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 (Sibay Sheet - 3255 I, Tinogboc Sheet - 3256 II, Nabas Sheet - 3355 II, Caluya Sheet - 3355 IV, Magdalena Sheet - 3451 III, San Joaquin Sheet - 3451 IV, San Jose Sheet - 3452 III, Patnongon Sheet - 3452 IV, Bugasong Sheet - 3453 III, Tibiao Sheet - 3453 IV, Culasi Sheet - 3454 III, Sebaste Sheet - 3454 IV, Tigbauan Sheet - 3452 II, Quiput Sheet - 3452 I, Kalibo Sheet - 3455 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.