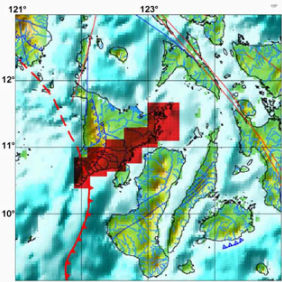


TSUNAMI HAZARD MAP

Province of Iloilo

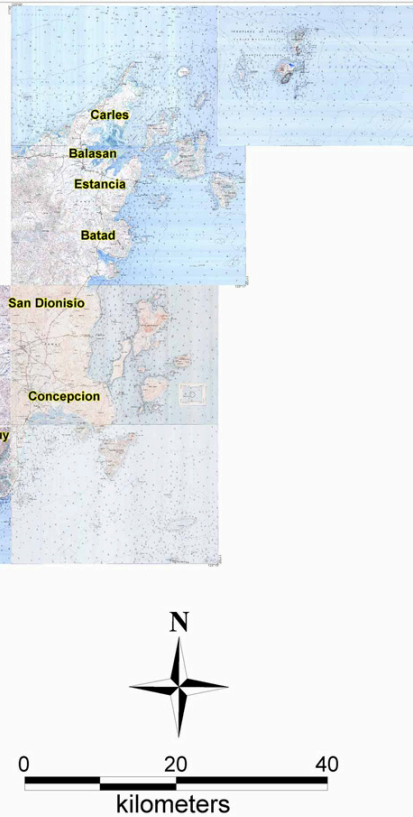


Legend:

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

Earthquake Parameters Used in Modeling:

Source - Negros Trench
Magnitude - 8.2



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 (Miagao Sheet - 3451 I, Magdalena Sheet - 3451 III, San Joaquin Sheet - 3451 IV, Tigbauan Sheet - 3452 II, Iloilo Sheet - 3552 III, Quiput Sheet - 3452 I, San Jose Sheet - 3452 III, Lambunao Sheet - 3453 II, Barotac Nuevo Sheet - 3552 I, Dumangas Sheet - 3552 II, Pototan Sheet - 3552 I, Lemery Sheet - 3553 I, Barotac Viejo Sheet - 3553 II, Passi Sheet - 3553 III, Tagubanhon Island Sheet - 3653 III, Sara Sheet - 3653 IV, Gigantes Island Sheet - 3654 I, Estancia Sheet - 3654 III, Carles Sheet - 3654 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.