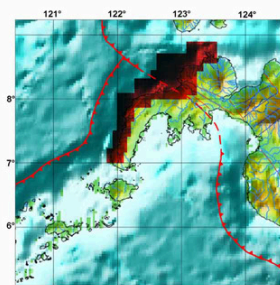


# TSUNAMI HAZARD MAP

## Province of Zamboanga del Norte

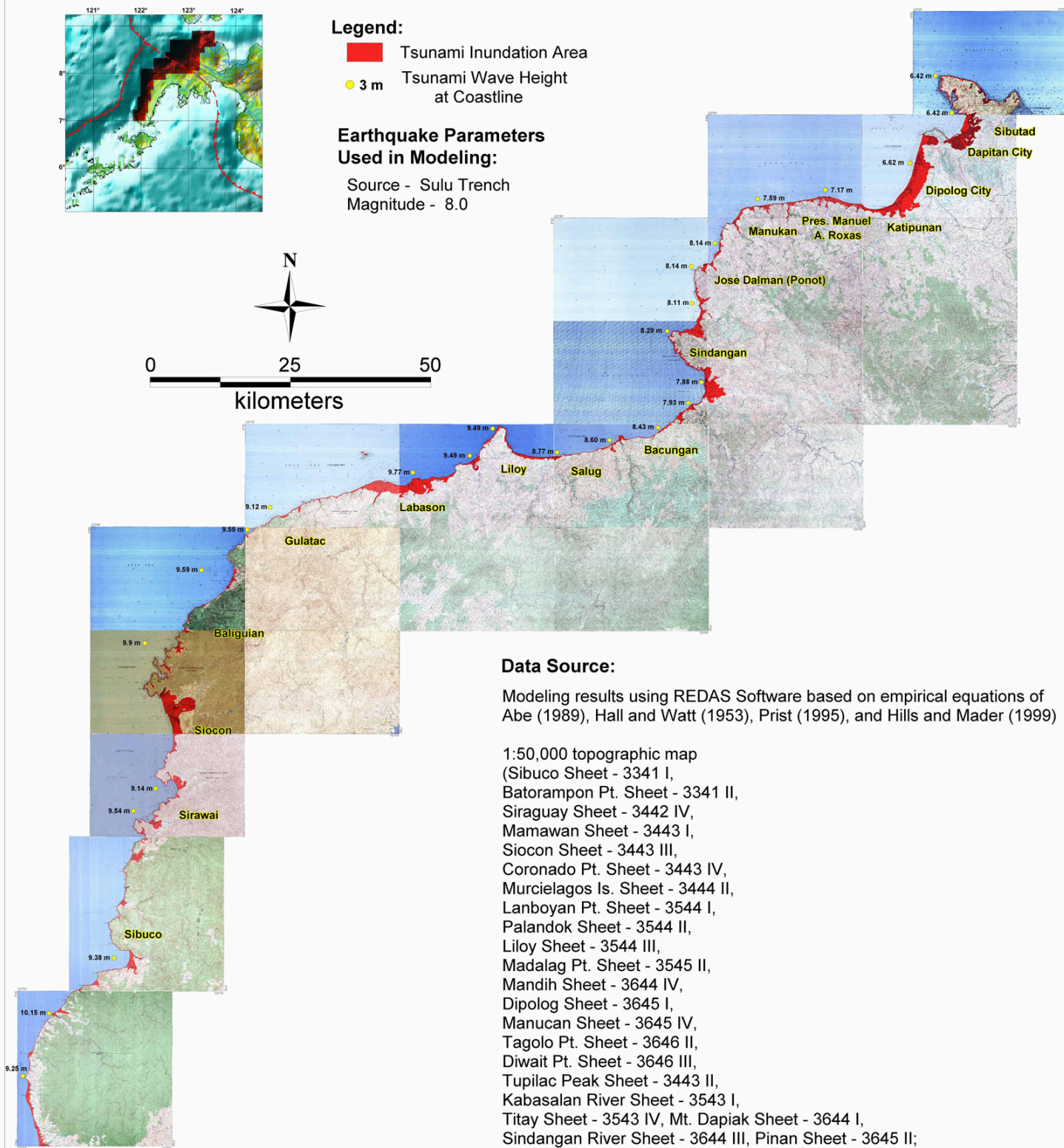
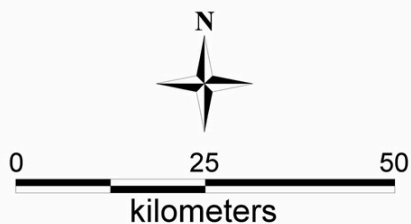


### Legend:

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

### Earthquake Parameters Used in Modeling:

Source - Sulu Trench  
Magnitude - 8.0



### 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  
(Sibuco Sheet - 3341 I,  
Batorampon Pt. Sheet - 3341 II,  
Siraguay Sheet - 3442 IV,  
Mamawan Sheet - 3443 I,  
Siocon Sheet - 3443 III,  
Coronado Pt. Sheet - 3443 IV,  
Murcielagos Is. Sheet - 3444 II,  
Lanboyan Pt. Sheet - 3544 I,  
Palandok Sheet - 3544 II,  
Liloy Sheet - 3544 III,  
Madalag Pt. Sheet - 3545 II,  
Mandih Sheet - 3644 IV,  
Dipolog Sheet - 3645 I,  
Manucan Sheet - 3645 IV,  
Tagolo Pt. Sheet - 3646 II,  
Diwait Pt. Sheet - 3646 III,  
Tupilac Peak Sheet - 3443 II,  
Kabasalan River Sheet - 3543 I,  
Titay Sheet - 3543 IV, Mt. Dapiak Sheet - 3644 I,  
Sindangan River Sheet - 3644 III, Pinan Sheet - 3645 II;  
1993-reprint, NAMRIA)

### Map Prepared By:

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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.