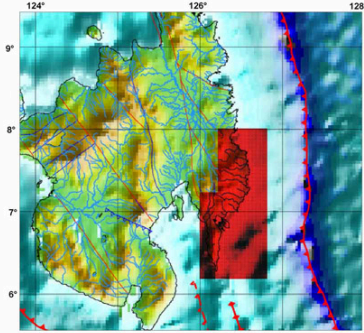


# TSUNAMI HAZARD MAP

## Province of Davao Oriental



### Legend:

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

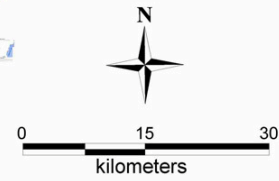
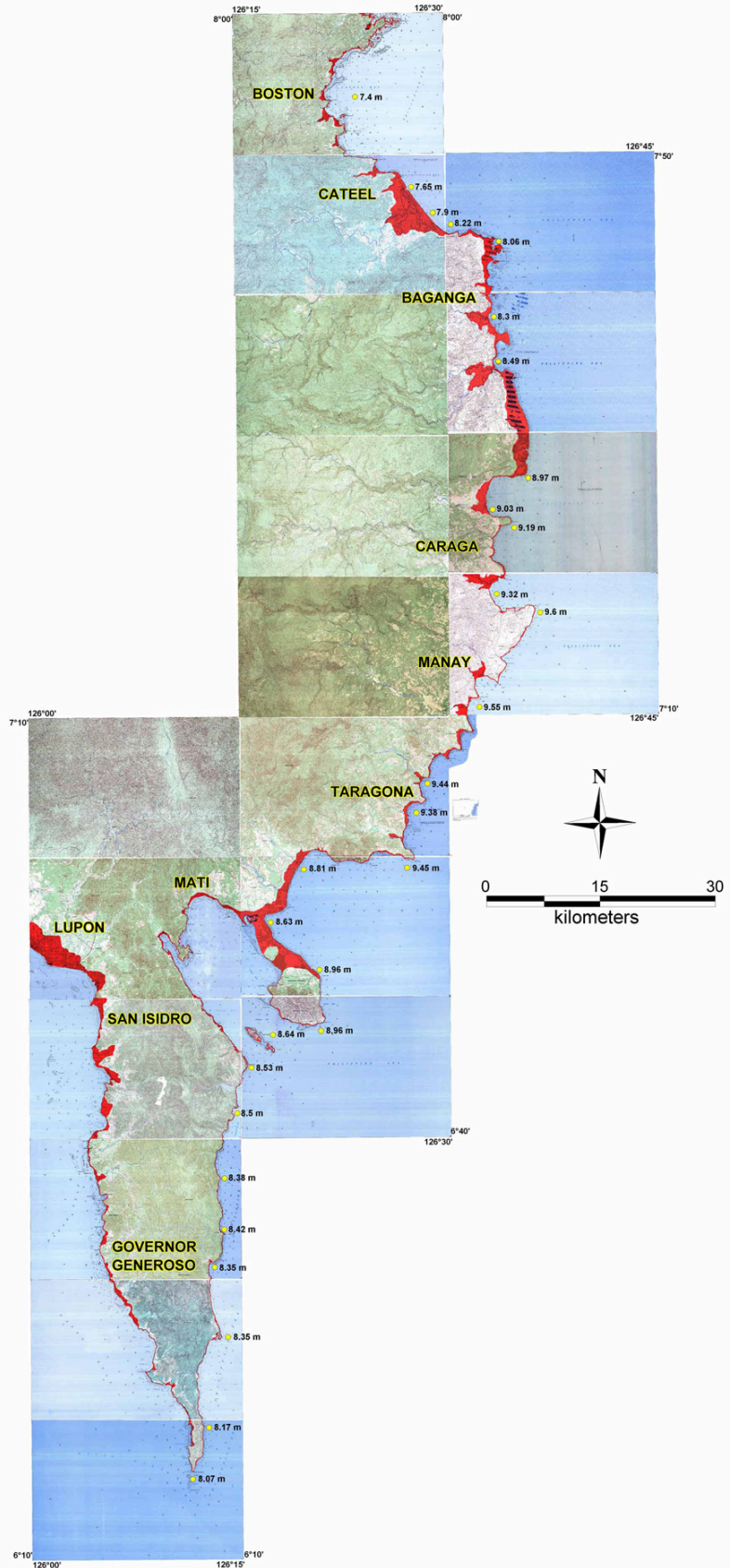
### Earthquake Parameters Used in Modeling:

Source - Philippine Trench  
Magnitude - 8.0 / 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  
(Boston Sheet - 4243 I,  
Cateel Sheet - 4243 II,  
Baganga Sheet - 4342 IV,  
Baculin Sheet - 4342 III,  
Manay Sheet - 4341 IV,  
Taragona Sheet - 4241 II,  
Bato Bato Sheet - 4240 III,  
Cape San Agustin Sheet - 4238 IV,  
Tagabili Sheet - 4239 III,  
Sigaboy Sheet - 4239 IV,  
Taganilao Sheet - 4240 II,  
Bitanagan Sheet - 4240 I,  
Banao Sheet - 4343 III,  
Mati Sheet - 4240 IV,  
San Fermin Sheet - 4241 I,  
Buso Sheet - 4241 III,  
Batiano Sheet - 4242 I,  
Lamiawan Sheet - 4242 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.