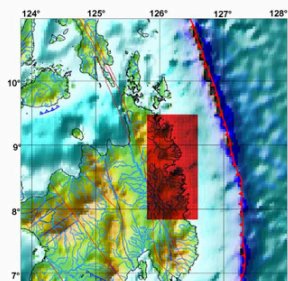


TSUNAMI HAZARD MAP

Province of Surigao del Sur



Legend:

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

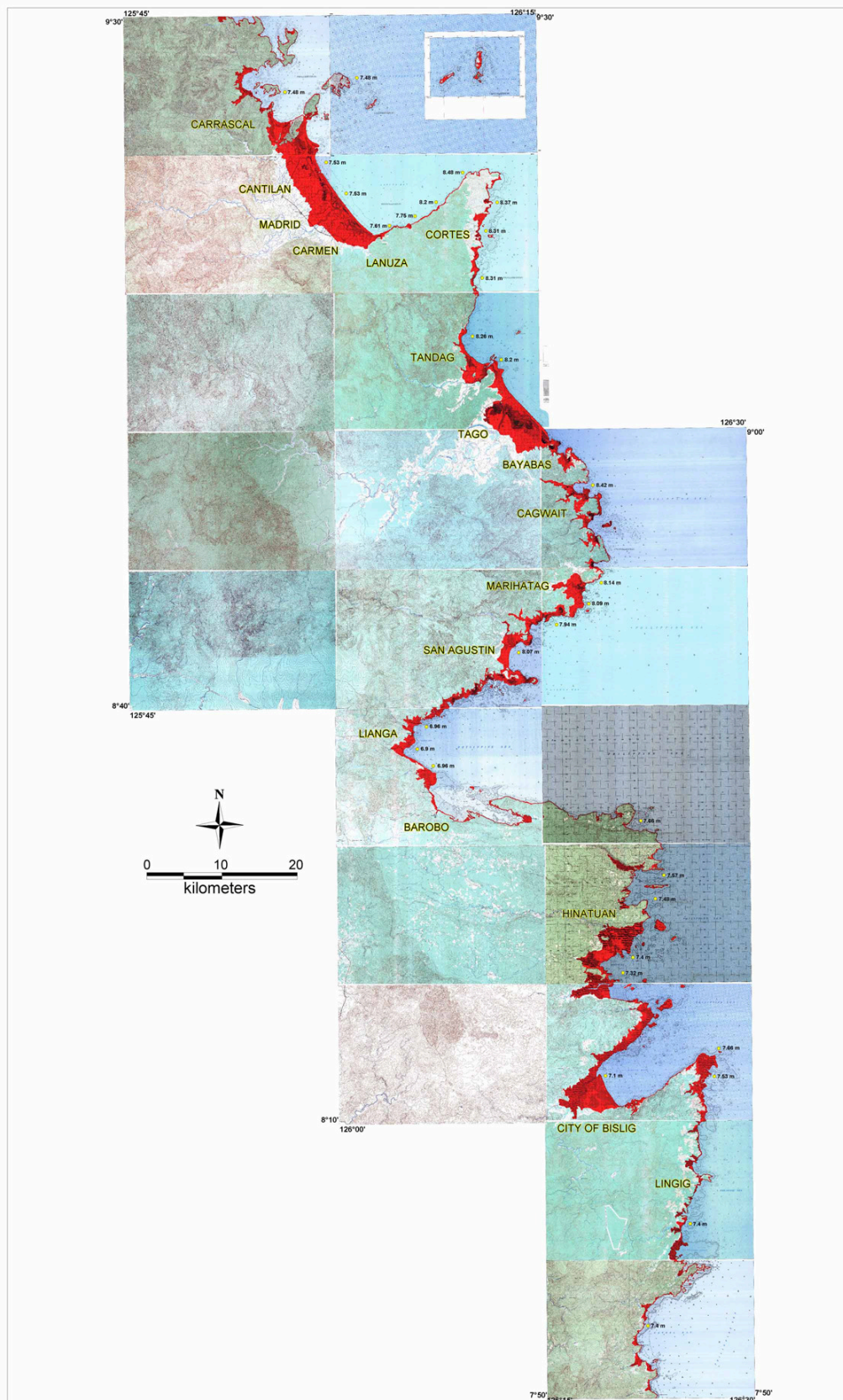
Earthquake Parameters Used in Modeling:

Source - Philippine 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
(Tandag Sheet - 4247 III,
Carmen Sheet - 4247 IV,
Marihatag Sheet - 4246 II,
Cagwait Sheet - 4246 I,
Alba Sheet - 4246 IV,
Oteiza Sheet - 4246 III,
Bakulin sheet - 4245 I,
Boston Sheet - 4243 I,
Lingig Sheet - 4244 II,
Bislig Sheet - 4244 I,
Carrascal Sheet - 4148 II,
Liang Sheet - 4245 IV,
Hinatuan Sheet - 4245 II,
Madrid Sheet - 4147 I,
Ayoki Island Sheet - 4248 III,
Bitagan Sheet - 4147 II,
Tambagoko River Sheet - 4146 I,
Bayugan River Sheet - 4146 II,
Malixi Sheet - 4245 III,
Panusugon River Sheet - 4244 IV;
1993-reprint, NAMRIA)



Map Prepared By:

Philippine Institute of Volcanology and Seismology (PHIVOLCS) -
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Under the DOST-GIA Program
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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.