

# TSUNAMI HAZARD MAP Palawan Province

## Legend:

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

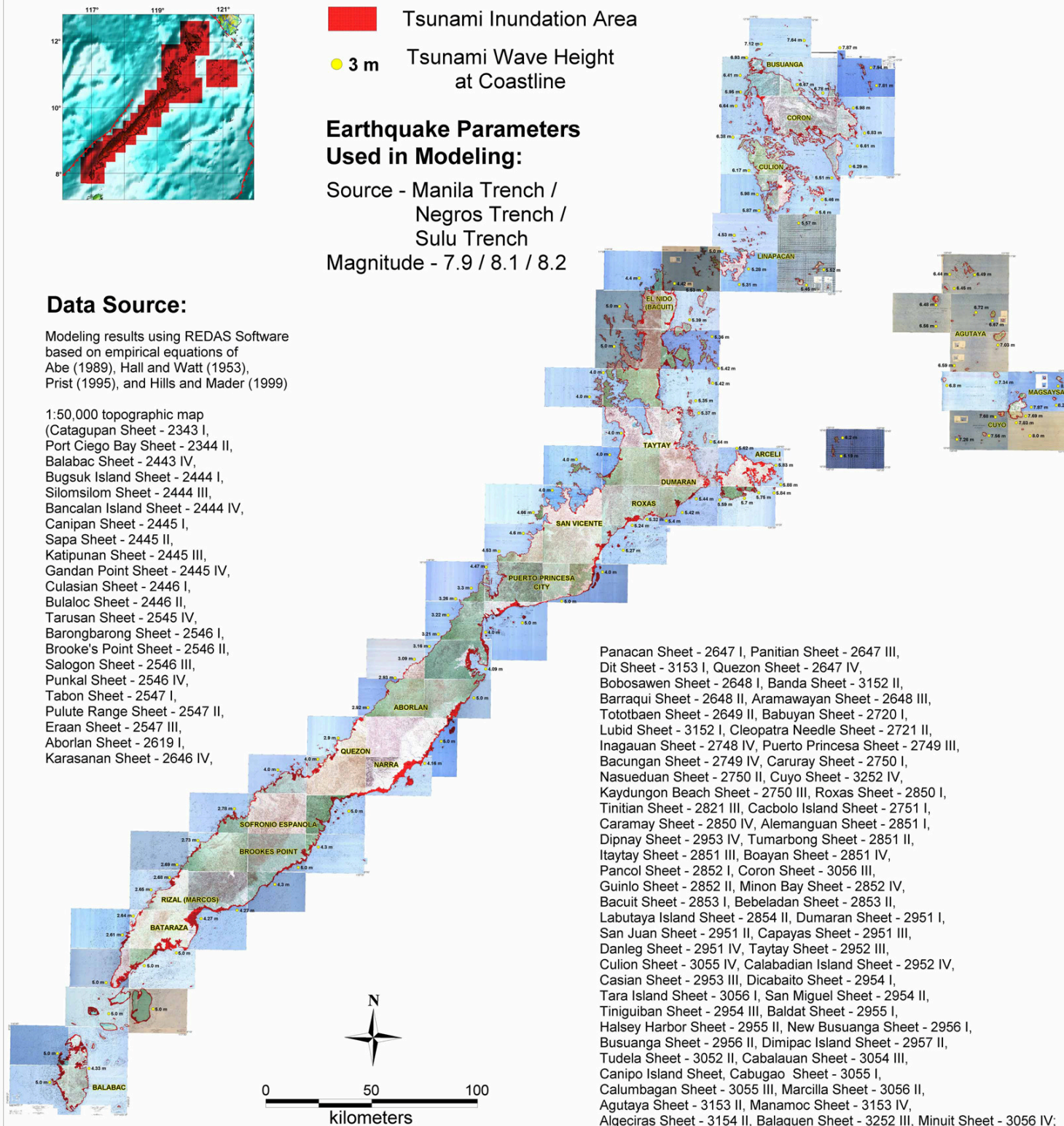
## Earthquake Parameters Used in Modeling:

Source - Manila Trench /  
Negros Trench /  
Sulu Trench  
Magnitude - 7.9 / 8.1 / 8.2

## Data Source:

Modeling results using REDAS Software based on empirical equations of Abe (1989), Hall and Watt (1953), Priest (1995), and Hills and Mader (1999)

1:50,000 topographic map  
(Catagupan Sheet - 2343 I,  
Port Ciego Bay Sheet - 2344 II,  
Balabac Sheet - 2443 IV,  
Bugsuk Island Sheet - 2444 I,  
Silomsilom Sheet - 2444 III,  
Bancalan Island Sheet - 2444 IV,  
Canipan Sheet - 2445 I,  
Sapa Sheet - 2445 II,  
Katipunan Sheet - 2445 III,  
Gandan Point Sheet - 2445 IV,  
Culasian Sheet - 2446 I,  
Bulaloc Sheet - 2446 II,  
Tarusan Sheet - 2545 IV,  
Barongbarong Sheet - 2546 I,  
Brooke's Point Sheet - 2546 II,  
Salogon Sheet - 2546 III,  
Punkal Sheet - 2546 IV,  
Tabon Sheet - 2547 I,  
Pulute Range Sheet - 2547 II,  
Eraan Sheet - 2547 III,  
Aborlan Sheet - 2619 I,  
Karasanan Sheet - 2646 IV,



Panacan Sheet - 2647 I, Panitian Sheet - 2647 III,  
Dit Sheet - 3153 I, Quezon Sheet - 2647 IV,  
Bobosawen Sheet - 2648 I, Banda Sheet - 3152 II,  
Barraqui Sheet - 2648 II, Aramawayan Sheet - 2648 III,  
Tototbaen Sheet - 2649 II, Babuyan Sheet - 2720 I,  
Lubid Sheet - 3152 I, Cleopatra Needle Sheet - 2721 II,  
Inagaun Sheet - 2748 IV, Puerto Princesa Sheet - 2749 III,  
Bacungan Sheet - 2749 IV, Caruray Sheet - 2750 I,  
Nasueduan Sheet - 2750 II, Cuyo Sheet - 3252 IV,  
Kaydungon Beach Sheet - 2750 III, Roxas Sheet - 2850 I,  
Tinitian Sheet - 2821 III, Cacbolo Island Sheet - 2751 I,  
Caramay Sheet - 2850 IV, Alemanguan Sheet - 2851 I,  
Dipnay Sheet - 2953 IV, Tumarborg Sheet - 2851 II,  
Itaytay Sheet - 2851 III, Boayan Sheet - 2851 IV,  
Pancol Sheet - 2852 I, Coron Sheet - 3056 III,  
Guinlo Sheet - 2852 II, Minon Bay Sheet - 2852 IV,  
Bacuit Sheet - 2853 I, Bebeladan Sheet - 2853 II,  
Labutaya Island Sheet - 2854 II, Dumaran Sheet - 2951 I,  
San Juan Sheet - 2951 II, Capayas Sheet - 2951 III,  
Danleg Sheet - 2951 IV, Taytay Sheet - 2952 III,  
Culion Sheet - 3055 IV, Calabadian Island Sheet - 2952 IV,  
Casian Sheet - 2953 III, Dicabaito Sheet - 2954 I,  
Tara Island Sheet - 3056 I, San Miguel Sheet - 2954 II,  
Tiniguiban Sheet - 2954 III, Baldat Sheet - 2955 I,  
Halsey Harbor Sheet - 2955 II, New Busuanga Sheet - 2956 I,  
Busuanga Sheet - 2956 II, Dimipac Island Sheet - 2957 II,  
Tudela Sheet - 3052 II, Cabalauan Sheet - 3054 III,  
Canipo Island Sheet, Cabugao Sheet - 3055 I,  
Calumbagan Sheet - 3055 III, Marcilla Sheet - 3056 II,  
Agutaya Sheet - 3153 II, Manamoc Sheet - 3153 IV,  
Algeciras Sheet - 3154 II, Balaguen Sheet - 3252 III, Minuit Sheet - 3056 IV,  
1993 - reprint, NAMRIA)

## Map Prepared By:

Philippine Institute of Volcanology and  
Seismology (PHIVOLCS) -  
Department of Science and Technology (DOST)  
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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.