



## PRESS RELEASE 02

**PHIVOLCS-DOST**  
27 February 2010  
11:30 PM

Magnitude 8.8 Earthquake near Chile at 2:34 PM (Philippine Time) on 27 February 2010

### TSUNAMI WATCH ALONG THE EAST COAST OF THE PHILIPPINES

**Tsunami Alert Level 1** remains raised over the East Coast of Philippines because of the magnitude 8.8 earthquake Chile earthquake at 2:34 PM (Philippine Time) on February 27, 2010.

#### 1. Observed Tsunami Heights

The table below shows records at tide gauges in Chile with confirmed significant tsunami waves generated by this event.

Tide Gauge Location	Latitude / Longitude	Recorded Wave Amplitude (meters)	Time of Record (Phil Time)
TALCAHUANO, CHILE	36.7°S 73.4°W	2.34	2:53 PM 27 Feb 2010
COQUIMBO, CHILE	30.0°S 71.3°W	1.32	4:52 PM 27 Feb 2010
VALPARAISO, CHILE	33.0°S 71.6°W	2.60	4:59 PM 27 Feb 2010

#### 2. Estimated arrival time in the Philippines

The estimated arrival time of the first tsunami waves is between 1:00PM to 2:30PM (Philippine Time) on 28 February 2010 (Sunday afternoon).

3. **Coastal areas fronting the Pacific Ocean that should keep watch:**

Batanes Group of Islands	Sorsogon
Cagayan	Northern Samar
Ilocos Norte	Eastern Samar
Isabela	Leyte
Quezon	Southern Leyte
Aurora	Surigao del Norte
Camarines Norte	Surigao del Sur
Camarines Sur	Davao Oriental
Albay	Davao del Sur
Catanduanes	

While **Tsunami Alert Level 1** means that no evacuation order is in effect, communities along the identified coasts are advised to prepare for possible evacuation. People from threatened communities are strongly advised to coordinate and follow safety instructions from the Office of Civil Defense and local disaster officials.

PHIVOLCS will provide updates as soon as new information becomes available.