



## **Tsunami Information No. 2:**

Date Issued: April 2, 2014

Time Issued: 02:00 PM

# **ADVISORY No Tsunami Threat**

A strong distant earthquake occurred **Near the Coast of Northern Chile** at **07:47 AM** (Philippine Standard Time), located at **19.8° South Latitude, 70.8° West Longitude** with a depth of **10 km** and a **preliminary magnitude of 8.2**. An earthquake of this size has the potential to generate a destructive tsunami that can strike coastlines near the epicenter within minutes and more distant coastlines within hours.

A tsunami warning and watch were immediately raised and expanded in scope by the Pacific Tsunami Warning Center (PTWC) for South American and Pacific Island countries near the epicenter of the earthquake. Based on measurements or reports of tsunami wave activity, tsunami waves were monitored in tide gauges with a maximum wave height of 2.11 meters in Pisagua, Chile but less than 0.5 meter in most sea-level monitoring stations that recorded these waves. At 12:43 PM, nearly five hours after the event, PTWC has cancelled its tsunami warning and watch in these countries.

With this information and the relative distance of the tsunami source to the Philippines, PHIVOLCS does not expect a destructive tsunami threat to the Philippines from this event. As such, no evacuation is needed.

**PHIVOLCS-DOST**