



**Tsunami Information No.: 2**

Date issued: Sept 18, 2015

Time issued: 12:30 AM

## **Cancellation of Sea-Level Change Monitoring Advisory**

A strong earthquake occurred **Near the Coast of Central Chile** on **September 17, 2015** at **06:55 AM Philippine Standard Time (PST)**, located at **31.5°S, 72°W** with depth of **10 km** and a **magnitude of 8.3**. At 7:22 AM 17 September 2015 (PST), PHIVOLCS issued a tsunami advisory for all the coastal communities along the east coast of the Philippines to wait for further updates as PHIVOLCS monitor changes in the records of sea level monitoring stations in the Pacific as the tsunami propagates across the Pacific Ocean.

Based on the Coastal Tsunami Amplitude Forecast for this event provided by the Pacific Tsunami Warning Center (PTWC), the expected maximum tsunami wave height to reach the Philippines will be less than 0.3 meters (approximately 12 inches) above the normal tide level. The first waves are expected to reach the Philippine coasts 24 hours after the earthquake in Chile. During that period, the arrival of these waves will generally coincide with near low tide levels for the eastern coasts of the Philippines.

A maximum recorded tsunami wave height of 4.75 meters was recorded by the sea-level monitoring station in Coquimbo, Chile for this event. Most of the recorded maximum tsunami wave heights agree with the PTWC Coastal Tsunami Amplitude Forecast. So, minor sea level disturbance is only expected to occur once the tsunami waves reach the Philippines and there will be no significant tsunami wave that will hit the eastern coasts of the Philippines.

This will be the final tsunami information issued for this event.