

MAYON VOLCANO BULLETIN

23 October 2012

8:00 A.M.

Mayon Volcano's (13.2500°N, 123.6833°E) seismic network detected three (3) volcanic earthquakes during the past 24-hour observation period. Steaming activity and crater glow could not be observed due to thick clouds covering the summit. Sulfur dioxide (SO₂) emission rate on 06 October 2012 was measured at an average of 197 tonnes per day. Ground deformation survey (precise levelling) conducted last 07-11 August 2012 indicated a slight inflation of the edifice as compared with 01-04 May 2012 survey.

Mayon Volcano's alert status remains at **Alert Level 1**. Although this means that no eruption is imminent, it is strongly advised that the public refrain from entering the 6-kilometer radius Permanent Danger Zone (PDZ) due to the threat of sudden steam-driven eruptions and rockfalls from the upper and middle slopes of the volcano. Active stream/river channels and those identified as perennially lahar prone areas on all sectors of the volcano should also be avoided especially during bad weather condition or when there is heavy and prolonged rainfall. DOST-PHIVOLCS is closely monitoring Mayon Volcano's activity and any new development will be relayed to all concerned.