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MAYON VOLCANO BULLETIN

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Mayon Volcano's seismicity remained at high level as the telemetered seismographs recorded fourteen (14) low frequency volcanic earthquakes and three (3) high frequency short duration harmonic tremors for the past 24 hours. Measurement of sulfur dioxide emission was not carried out due to thick clouds that covered the volcano's summit. During cloud breaks, a moderate emission of white steam was observed rising to a height of 100 meters before drifting to the southeast direction. A faint glow at the crater continued to be observed in the evening. Ground deformation survey conducted yesterday showed that the volcano's slope remained deflated.

The persistent occurrence of low frequency volcanic earthquakes is attributed to strong jetting of pulses of hot gases emanating from the crater. Observed faint crater glow is probably caused by the incandescence of the gas emanations. Result of ground deformation measurements conducted in previous days persistently showed a deflated condition, suggesting the absence of magma intrusion. On the other hand, the high frequency short duration harmonic tremors are associated either to rockfalls and rolling fragments detached from the new lava deposits.

PHIVOLCS maintains **Alert Level 2** over Mayon Volcano, which means that the probability of hazardous explosive eruption is now minimal. However, the public is reminded to strictly follow the six (6) kilometers radius Permanent Danger Zone. The seven (7) kilometers Extended Danger Zone in the southeast portion of the volcano remains in effect since the eruptive deposits in the vicinity of Bonga gully are still unstable and are expected to be eroded especially during intense and prolonged rainfall. Thus, secondary pyroclastic flows, rockfalls and ash fallout can occur any time. The areas of highest potential danger includes the lowlands fronting the Mabinit and Buyoan-Padang river channels in Legaspi City; Miisi in Daraga; Tumpa, Anoling and Quirangay channels in Camalig; Maninila channel in Guinobatan; Basud-Lidong channel in Sto. Domingo; Bulawan channel in Malilipot; San Vicente and Buang in Tabaco and upper Nasisi and upper Nabonton in Ligao.

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