



Mayon Volcano Bulletin

01 January 2010

8:00 AM

The seismic monitoring network around the volcano detected 28 volcanic earthquakes and 91 rockfall events related to the detachment of lava fragments at the volcano's upper slopes during the past 24-hour observation period. No ash explosion was observed. Weak to moderate emission of white steam at the summit crater was seen during cloud breaks from 7:29 AM – 8:30 AM and from 5:25 PM to 5:40 PM yesterday. Flowing lava and intermittent rolling incandescent lava fragments were observed last night. Sulfur Dioxide (SO₂) emission rate was measured at an average of 1,255 tons/day.

Alert Level 4 is still being maintained but if no significant events should occur during the next few days, PHIVOLCS-DOST shall consider the possibility of lowering down the alert level from 4 to 3. PHIVOLCS-DOST

still strongly reiterates that the Extended Danger Zone (EDZ) from the summit of 8-km on the southern sector of the volcano and 7-km on the northern sector should be free from human activity. Active river channels and those perennially identified as lahar prone in the southern sector should also be avoided especially during bad weather conditions or when there is heavy and prolonged rainfall. In addition, Civil Aviation Authorities must advise pilots to avoid flying close to the volcano's summit as ejected ash and volcanic fragments from sudden explosions may pose hazards to aircrafts. PHIVOLCS-DOST is closely monitoring Mayon Volcano's activity and any new significant development will be immediately posted to all concerned.

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