

30 December 2009

7:00 AM

For the past 24 hours, one ash explosion occurred at Mayon Volcano (13.2576 N, 123.6856 E). The explosion produced a dirty white ash column that rose to about 100 meters above the summit and drifted to the northwest. Lava continued to flow down along the Bonga-Buyuan, Miisi and Lidong gullies. The lava front has now reached about 5.9 kilometers from the summit along the Bonga-Buyuan gully.

Mayon Volcano's seismic network recorded 16 volcanic earthquakes. A total of 150 rock fall events related to the detachment of lava fragments at the volcano's upper slopes was also detected by the seismic network. Yesterday's measurement of Sulfur Dioxide (SO<sub>2</sub>) emission rate yielded

an average value of 4,397 tonnes per day (t/d). The volcano edifice remains inflated as indicated by the electronic tilt meter installed at the northeast sector of the volcano.

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**The status of Mayon Volcano is maintained at Alert Level 4.** PHIVOLCS-DOST 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.

Areas just outside of this EDZ should prepare for evacuation in the event hazardous eruptions

intensify.

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.