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15 December 2009

8:00 AM

Incandescent lava fragments were seen continuously detaching from the crater of Mayon Volcano (13.2576 N, 123.6856 E), which come to rest on the upper and middle slopes, about 3 kilometers from the summit. These events were detected by the seismic network as high frequency volcanic tremor with maximum trace amplitude of 10 millimeters. During the preceding 24 hours, the seismographs recorded eighty-three (83) volcanic earthquakes. Sulfur dioxide emission rate using FLYSPEC increased from the previous 535 tonnes per day (t/d) to about 757 t/d measured yesterday morning.

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**Alert Level 3** remains hoisted at Mayon which means that the 6-km radius Permanent Danger Zone (PDZ) around the volcano and the 7-km Extended Danger Zone (EDZ) on the southeast flank of the volcano should be free from human activity because of sudden explosions that may generate hazardous volcanic flows. In addition, areas in the southeast that are outside the 7 kilometer danger zone but within 8 kilometers of the crater

should be extra alert for increased volcanic activity. PHIVOLCS – DOST is closely monitoring Mayon Volcano's activity and any new significant development will be immediately posted to all concerned.