Mayon Volcano Bulletin
01 March 2000
1000H

Another series of ash ejections began at 1211H after a period of relative quiescent since 0800H yesterday. The largest event occurred at 1501H and produced a 14-kilometer high eruption column. This event also generated several pyroclastic flow events, which descended on all sides of the volcano. Pyroclastic flows that were channeled by gullies in the SW, S and SE which reached up to 5 to 6 kilometers from the summit. Smaller pyroclastic flows that follow gullies in other sectors of Mayon stopped at about 2 to 3 kilometers from the crater. Ash fallout from the tall eruption column and from pyroclastic flows were drifted to the W and SW. The ash ejections were generally accompanied by rumbling sound. Vigorous lava fountaining began at 1531H and ballistic projectiles associated with lava fountaining were observed to fall on all sides of the volcano within 1.5 km of the crater. Lava flows, which were first extruded last 28 February, were observed on 0143H as of 01 March to have reached the 1000 meters elevation or about 2.3 kilometers from the summit.

Cospec measurement was conducted yesterday but this was hampered by the thick ash cover resulting from the 28 February ash ejection. Ground deformation measurements made yesterday morning at Buang and Masarawag EDM lines showed that the volcano edifice remain inflated.

In view of the above observations, *Alert Level 5* remains hoisted over Mayon Volcano. PHIVOLCS reiterates the observance of the 6-kilometer radius permanent danger zone (PDZ) and the extension to 8-kilometer in the southeast sector of the volcano. Likewise, aircraft authorities are still being reminded that the western and southwestern sectors of the volcano are expected to be affected by ashfall derived from ash ejections and pyroclastic flows. Moreover, there is now potential for lahar occurrences along major tributaries draining from NW due to the presence of ash fall and pyroclastic flow deposits which may be eroded and remobilized during heavy rainfall.

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