Mayon Volcano Bulletin
24 February 2000
1800H

At least 11 pyroclastic flow events were observed from 0830H to 1800H. These events were generally recorded as explosion-type earthquakes, some of which were noted to last for a considerable time. Likewise, rumbling sounds and ash columns were observed to accompany the pyroclastic flow events. Lava fountaining were also observed at 1022H and 1430H with ballistic fragments noted to be spewed out of the crater rim. The distinct explosion–type earthquakes were embedded within the continuous harmonic tremors recorded at 0912H, 1157H, and 1324H. Tall ash columns were associated with the explosion signals observed to drift in the W-SW direction, the general vicinity of Guinobatan and Ligao. Ashfall events were reported in these municipalities.

Verification and detailed measurements of thickness of deposition of reported ashfall events shall be conducted during next surveys. Documentation, mapping and impact assessments shall be added to the regular monitoring activities.

With continued unrest of Mayon Volcano and potential for more hazardous eruptions to occur, *Alert Level 5* is being maintained. With the possibility of more pyroclastic flows to occur, we recommend strict implementation of the 6-kilometer Permanent Danger Zone and the 8-kilometer extension of danger zone at the SE sector of Mayon Volcano. Likewise, ashfall occurrences will be expected to continue mainly at places W-SW-NW of the crater due to prevailing wind direction. Extreme caution should still be imposed by airport and aircraft authorities due to potential ash cloud encounter should pyroclastic flow and ashfall occurrences continue.

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