



## **NDRRMC UPDATE**

### **Lahar Advisory for Mayon Volcano**

**Releasing Officer:**

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Source: DOST-PHIVOLCS

#### **I. SITUATION OVERVIEW**

Based on its Severe Weather Bulletin No. 8 issued at 11:00 AM today (May 13, 2020), the Philippine Atmospheric Geophysical and Astronomical Services Administration (PAGASA) forecasts that Albay will be experiencing moderate to heavy rains tomorrow, 14 May 2020, due to Tropical Storm "AMBO".

#### **LAHAR ADVISORY FOR MAYON VOLCANO**

Due to this development, DOST-PHIVOLCS strongly recommends increased vigilance and readiness of communities in pre-determined zones of lahar hazards in Mayon Volcano. Prolonged and heavy rainfall may generate post-eruption lahars on major channels draining the Mayon Volcano edifice by incorporating loose material from thick pyroclastic density current (PDC) deposits and remnant ashfall from the January-March 2018 eruption. The bulk of erodible PDC deposits occupy the watershed areas of the Miisi, Mabinit, Buyuan and Basud Channels. In addition, older and erodible eruption deposits occupy the watershed areas on the eastern and western slopes of the edifice and can be remobilized as non-eruption lahars by erosion of banks and channel beds. Mayon lahars can threaten communities along the middle and lower slopes and downstream of these channels with inundation, burial and wash away.

DOST-PHIVOLCS, therefore, warns of potential lahars and sediment-laden streamflows on all river channels draining the slopes of Mayon Volcano, particularly the Miisi, Binaan, Anoling, Quirangay, Maninila, Masarawag, Muladbucad, Nasisi, Mabinit, Matan-ag, and Basud Channels, that may be generated by heavy rainfall brought about by Tropical Storm "AMBO". Communities and local government units beside these drainages are advised to be additionally vigilant and to move residents to high ground should heavy rains occur.

## II. ACTIONS TAKEN

1. NDRRM Operations Center prepared NDRRMC Advisory and Update, and disseminated the same to OCD Regional Center V through NDRRMC website in order to closely monitor the situation and take appropriate actions for any new development.
  2. Concerned NDRRMC member-agencies were provided with a copy of the Memorandum for the SND.
  3. DOST-PHIVOLCS is closely monitoring the activities of Mayon Volcano and any new development will be relayed to all concerned.
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