



REPUBLIC OF THE PHILIPPINES
NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

National Disaster Risk Reduction and Management Center, Camp Aguinaldo, Quezon City, Philippines

NDRRMC UPDATE

Bulusan Volcano Bulletin

Releasing Officer:

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DATE : 06 July 2020, 4:00 PM

Source: DOST-PHIVOLCS

I. SITUATION OVERVIEW

ALERT STATUS OF BULUSAN VOLCANO

This serves as a notice for the raising of the alert status of Bulusan from **Alert Level 0 (normal)** to **Alert Level 1 (abnormal)**.

Bulusan Volcano's monitoring network has recorded a total of fifty-three (53) volcanic earthquakes since 03 July 2020 including forty-three (43) low frequency events that are associated with weak and shallow hydrothermal or magmatic gas activity within the edifice. The increased seismicity could be succeeded by steam-driven or phreatic eruptions at the summit crater or from flank vents on the upper to middle slopes, despite the absence of visible degassing or steaming from the active vent this year. Ground deformation data from continuous GPS measurements also indicate a short-term inflation of the edifice since late February 2020. These parameters indicate that volcanic processes are underway beneath the edifice that may be caused by deep-seated degassing or hydrothermal activity or magmatic intrusion.

Alert Level 1 (abnormal) status now currently prevails over Bulusan Volcano, which means that it is currently in an abnormal condition. Local government units and the public are reminded that entry into the 4-kilometer radius Permanent Danger Zone (PDZ) is strictly prohibited and that vigilance in the Extended Danger Zone (EDZ) must be exercised due to the increased possibilities of sudden and hazardous phreatic eruptions. Civil aviation authorities must also advise pilots to avoid flying close to the volcano's summit as ash from any sudden phreatic eruption can be hazardous to aircraft. Furthermore, people living within valleys and along river/stream channels especially on the southeast, southwest and northwest sector of the edifice should be vigilant against sediment-laden stream flows and lahars in the event of heavy and prolonged rainfall.

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 Bulusan Volcano and any new development will be relayed to all concerned.
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