



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**

**Incident Monitored Covering the Period of  
170800H – 172000H September 2016**

**Releasing Officer:**

*For:*  
**USEC/RICARDO B. JALAD**  
Executive Director, NDRRMC and  
Administrator, OCD

**DATE : 17 September 2016**

*Sources: DOST-PHIVOLCS, PDRRMO-Sorsogon*

### **Incident Report re Mt. Bulusan Phreatic Explosion (Region V)**

#### **A. Situation Overview:**

- On September 16, 2016 (Friday) at 4:54 PM, Bulusan Volcano generated a steam-driven explosion accompanied by a rumbling sound which lasted for approximately 4 minutes based on seismic record;
- It produced approximately 1500 meter-high dark gray ash plume that drifted towards the Northeast;
- Ash fall was reported in the municipalities of Casiguran, Gubat and Barcelona

#### **B. Effects:**

- In the past 24 hours, Mt. Bulusan Volcano's seismic monitoring network recorded six (6) volcanic earthquakes including the explosion-type earthquake yesterday;
- Steaming activity could not be observed due to thick clouds covering the summit;
- On 16-25 August 2016, precise levelling data indicated slight inflationary changes of the edifice relative to May 2016;
- Ground deformation data from the continuous GPS measurements as of 3 September 2016, showed inflationary trends since July 2016;
- Alert level 1 (abnormal) remains in effect over Mt. Bulusan Volcano
- Below table are the areas that experienced ash fall based on the ocular inspection made by PDRRMO Sorsogon

|                      |  |
|----------------------|--|
| Moderate ash fall    | Barangay's Inlagadian, Escuela, Casay of Casiguran, Sta. Lourdes and Barcelona   |
| Light ash fall       | Barangay's Bentuco, Tigkiw and Togawe of Gubat, Bagacay and Alegria of Barcelona |
| Presence of ash fall | Bonga Bacon District of Sorsogon City;   |

|  |   |
|--|---|
|  | Carayat, San Fernando, Calao, Ulag, Sta. Lourdes, San Isidro, Perlas, Gogon, Maningcay, Briliante, Tupaz and Rizal of Prieto Diaz |
|--|---|

### **C. Actions Taken:**

#### **OCD Region V**

- Continuous coordination with DOST-PHIVOLCS re: status of Mt. Bulusan;
- Sent thru SMS re: status of volcanic activity of Mt. Bulusan to RDRRMC members and stakeholders;
- Coordinated with the PDRRMO-Sorsogon thru SMS status of volcanic activity of Mt. Bulusan;
- Coordination with PHIVOLCS , Sorsogon PDRRMO, MDRRMO Casiguran, MDRRMO Barcelona, MDRRMO Gubat re: actions taken, preparation and monitoring status of Mt. Bulusan;

#### **PDRRMC Sorsogon**

- Informed and coordinated with the six (6) MDRRMOs to conduct immediate assessment within their respective AOR;
  - Close coordination with PDRRMC Chairman and Members for the updates regarding the event and possible response actions;
  - Coordination with PHIVOLCS from time to time as to the status of Mt. Bulusan Volcano;
  - Sent updates for public information via SMS and using their website [www.sorsogonpdrmo.com](http://www.sorsogonpdrmo.com) through social media to all stakeholders;
  - Distributed PPE's and NFI's to the affected communities;
  - Continuously monitors the condition of Mt. Bulusan Volcano and implements the BLUE ALERT status.
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