



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**

SitRep No. **06** re Mayon Volcano Phreatic Eruption

  
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Administrator, OCD

**DATE : 15 January 2018, 6:00 PM**

Sources: DOST-PHIVOLCS, RDRRMC/OCDRO V

### **I. SITUATION OVERVIEW**

#### **13 January 2018**

Mayon Volcano generated a steam driven explosion at 5:06 PM and produced 2.5 km high grayish ash plume that drifted towards the Southwest.

Traces of ash fall were found in the Municipalities of Camalig, Guinobatan, Daraga and Ligao City.

At 8:49 AM, Mayon Volcano had a phreatic eruption. Ash fall was expected at the west and southwest slopes.



#### **14 January 2018**

As of 12:30 AM, PHIVOLCS raised the Alert Level of Mayon Volcano from Alert Level 1 (abnormal) to Alert Level 2 (increasing unrest).

At 11:43 AM, another phreatic eruption occurred that lasted approximately 15 minutes based on seismic record. The event produced ash plume that was largely obscured by summit clouds. Sulfuric odor was detected in and traces of ash fell on Camalig, Albay. For the past 24 hours, Mayon Volcano has noticeably increased its unrest.

DOST-PHIVOLCS raised the alert status of Mayon Volcano from Alert Level 2 (increasing unrest) to Alert Level 3 (increased tendency towards hazardous eruption). This means Mayon is exhibiting relatively high unrest and that magma is at the crater and that hazardous eruption is possible within weeks or even days.

Other LGUs with barangays within the 6-km Permanent Danger Zone (PDZ) converted their respective MDRRMCs to discuss proactive actions to be undertaken by their LGU in case situation escalates. Barangays within the 6-km PDZ were alerted and advised to prepare in case of evacuation.

## 15 January 2018

Two lava collapse events occurred that produced rockfall and small-volume pyroclastic density currents at 9:41 AM and 10:05 AM that lasted 5 and 7 minutes respectively, based on seismic record. Ashfall were reported in Brgys. Travesia, Muladbucad Grande, Maninila, Masarawag, Poblacion, Iraya, Ilawod, Calzada, Inamnan Grande, Inamnan Pequeno, Maguiron, Quitago and Mauraro in the municipality of Guinobatan; Brgys. Cabangan, Anoling, Sua, Tumpa, Quirangay, Gapo, Sumlang, Brgys. 1 to 7 in the municipality of Camalig.

A degassing event at 11:07 AM that lasted 8 minutes produced a grayish to dirty white ash column with a maximum of height of approximately 1000 meters above the summit before drifting west-southwest.

## II. EFFECTS

### A. Affected Population

- As of 6:00 PM, 15 January 2018, a total of 3,825 families / 14,732 persons were affected in 21 barangays in the municipalities/cities of Camalig, Daraga, Guinobatan, Licao City, Malilipot, and Tabaco City in the Province of Albay (Region V) and are currently staying in designated 25 evacuation centers:

| AREA                     | Affected     |               | No. of ECs | Displaced    |               |
|--------------------------|--------------|---------------|------------|--------------|---------------|
|                          | Families     | Persons       |            | Families     | Persons       |
| <b>GRAND TOTAL</b>       | <b>3,825</b> | <b>14,732</b> | <b>25</b>  | <b>3,825</b> | <b>14,732</b> |
| <b>ALBAY</b>             |              |               |            |              |               |
| <b>Camalig</b>           | <b>1,059</b> | <b>4,186</b>  | <b>7</b>   | <b>1,659</b> | <b>6,919</b>  |
| <i>Brgy. Cabangan</i>    | 126          | 516           | 1          | 126          | 516           |
| <i>Brgy. Anoling</i>     | 204          | 811           | 1          | 204          | 811           |
| <i>Brgy. Salugan</i>     | 32           | 127           | 1          | 32           | 127           |
| <i>Brgy. Quirangay</i>   | 108          | 447           | 2          | 108          | 447           |
| <i>Brgy. Tumpa</i>       | 302          | 1,078         | 1          | 302          | 1,078         |
| <i>Brgy. Sua</i>         | 287          | 1,207         | 1          | 287          | 1,207         |
| <b>Daraga</b>            | <b>796</b>   | <b>3,184</b>  | <b>4</b>   | <b>796</b>   | <b>3,184</b>  |
| <i>Brgy. Miisi</i>       | 323          | 1,292         | 1          | 323          | 1,292         |
| <i>Brgy. Budiao</i>      | 111          | 444           | 1          | 111          | 444           |
| <i>Brgy. Bañadero</i>    | 84           | 336           | 1          | 84           | 336           |
| <i>Brgy. Matnog</i>      | 278          | 1,112         | 1          | 278          | 1,112         |
| <b>Guinobatan</b>        | <b>774</b>   | <b>2,655</b>  | <b>5</b>   | <b>774</b>   | <b>2,655</b>  |
| <i>Brgy. Maninila</i>    | 483          | 1,579         | 1          | 483          | 1,579         |
| <i>Brgy. Tandarora</i>   | 240          | 849           | 2          | 240          | 849           |
| <i>Muladbucad Grande</i> | 51           | 227           | 2          | 51           | 227           |
| <b>Ligao City</b>        | <b>419</b>   | <b>1,671</b>  | <b>2</b>   | <b>419</b>   | <b>1,671</b>  |
| <i>Brgy. Baligang</i>    | 419          | 1,671         | 2          | 419          | 1,671         |
| <b>Malilipot</b>         | <b>637</b>   | <b>2,509</b>  | <b>3</b>   | <b>637</b>   | <b>2,509</b>  |
| <i>Brgy. Canaway</i>     | 30           | 127           | 1          | 30           | 127           |
| <i>Brgy. Calbayog</i>    | 562          | 2,234         | 1          | 562          | 2,234         |
| <i>Brgy. San Roque</i>   | 45           | 148           | 1          | 45           | 148           |
| <b>Tabaco City</b>       | <b>140</b>   | <b>527</b>    | <b>4</b>   | <b>140</b>   | <b>527</b>    |
| <i>Brgy. Nagsipit</i>    | 12           | 62            | 1          | 12           | 62            |
| <i>Brgy. Magatoc</i>     | 61           | 159           | 1          | 61           | 159           |
| <i>Brgy. Buhian</i>      | 18           | 77            | 1          | 18           | 77            |
| <i>Brgy. Buang</i>       | 49           | 229           | 1          | 49           | 229           |

Source: OCD Region V SitRep No. 7, 15 January 2018, 3:00 PM

## B. Suspension of Classes

1. Classes were suspended in the following municipalities in the province of Albay:

| MUNICIPALITY | LEVEL                            | REMARKS         |
|--------------|----------------------------------|-----------------|
| Guinobatan   | Pre-school to Senior High School | 15 January 2018 |
| Camalig      |                                  |                 |
| Tabaco City  |                                  |                 |
| Sto. Domingo | All Levels                       |                 |

## III. ACTIONS TAKEN

### A. National Disaster Risk Reduction and Management Council (NDRRMC)

#### 1. NDRRM Operations Center (NDRRMOC)

- Activated the alert status to BLUE ALERT effective 8:00 AM, 15 January 2018.
- Coordinated with RDRRMC V re PHIVOLCS Eruption Notification Form for Mayon Volcano
- Disseminated information/notification thru Short Messaging System
- Prepared and disseminated Emergency Alert and Warning Message (EAWM) to provide information and warning to the public regarding the eruption

#### 2. Philippine Institute of Volcanology and Seismology (PHIVOLCS)

- a. Provision of Mayon Volcano Eruption Notification
- b. Continuous monitoring of the situation

#### 3. Department of Social Welfare and Development (DSWD)

- a. Continuously coordinating with DSWD FO V for significant reports on the status of displacement and assistance and relief efforts.

#### 4. Telecommunications Service Providers (ABS-CBN, GLOBE, and SMART)

- a. Disseminated EAWM to Region V

### B. Regional/Local Disaster Risk Reduction and Management Councils (R/LDRRMC)

#### 1. RDRRMC V

##### Office of Civil Defense (OCD) V

- a. Disseminated to all concerned the PHIVOLCS Bulletin raising the Alert Status of Mayon Volcano from Alert Level 2 to Alert Level 3
- b. Attended the Updates Meeting of PHIVOLCS re Mt Mayon Status on 14 January 2017
- c. OCD-RDRRMC Bicol on Blue Alert Status for Mayon Volcano since 14 January 2018, 1:00 AM
- d. Continuous coordination with DOST- PHIVOLCS re – status of Mt Mayon
- e. Sent through SMS the status of volcanic activity of Mt. Mayon to RDRRMC members and stakeholders
- f. Coordinated with MDRRMO Camalig, Guinobatan and Daraga and sent to PDRRMO – Albay through SMS status of volcanic activity of Mt Mayon
- g. On close monitoring.

##### DSWD V

- a. Has standby funds amounting to ₱5,662,702.15 and stockpiles of 13,352 family food packs (FFPs) and Non-Food items (NFIs) consist of 37,242 pcs malong, 382 rolls laminated sacks, 7,327 dignity kits and 54,832 blankets ready for augmentation to LGUs.
- b. PAT and MAT members in the province of Albay are on standby and continuously coordinating with the P/C/MDRRMOs for status reports and updates. EMT of the Field Office is already activated and rendered its duty today.

#### **DOST – PHIVOLCS V**

- Hosted a meeting regarding the Mt Mayon status
- Close monitoring of Mayon Volcano activities
- Disseminate Mayon Volcano Bulletins and advisories to LGUs and other stakeholders
- Close coordination with OCD5, PDRRMO Albay and LGUs of the province

#### **Department of Education (DepEd) V**

- a. Inspection of schools/classrooms to be used as evacuation centers.

#### **Department of Environment and Natural Resources – Environmental Management Bureau (DENR-EMB) V**

- a. Deployed ambient air quality sampling at areas affected by Mt. Mayon.

#### **Department of Health (DOH) V**

- Declaration of Code White Alert Status in relation to Mayon Phreatic Explosion
- Deployment of two (2) Rapid Health Assessment Teams in Camalig, Guinobatan and Ligao City
- Logistics provided – LGU Guinobatan and LGU Camalig: ₱19,800 worth of mask (1,500 pcs.) and ₱10,076.40 worth of assorted medicines each.

#### **Department of Public Works and Highways (DPWH) V**

- a. Instructed Albay 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> District Engineers to monitor the ongoing eruption of Mayon Volcano and activated DRRMTs to clear ashfall/rocks that may block National Roads and Bridges.
- b. Continuously monitoring river channels near the foot of Mayon Volcano within their AOR for possible Lahar Flows that will affect the National Roads and Bridges.

#### **Philippine National Police- Police Regional Office (PNP-PRO) 5**

- Standby for deployment of SAR Personnel with equipment, Security Personnel and mobility from Regional Mobile Force Battalion, Regional Headquarters Support Group and Regional Logistics Division.
- In close coordination with MDRRMCS and with standby personnel for deployment.
- Conduct monitoring and inspection of the affected barangays under the 6km PDZ
- Provides security at the Evacuation center.
- Assisted in the evacuation of affected population in the municipality of Camalig, and Guinobatan.
- Issued memorandum to Albay PNP Provincial Director directing all units under their jurisdiction to stand by alert SAR personnel and equipment for possible deployment as need arises and monitor situation. Likewise direct police

station within the 6km PDZ to closely coordinate with their respective MDRRMC.

- Issued Memorandum to Regional Logistics, Headquarters Support Group and Regional Mobile Force Battalion to put on standby alert SAR personnel equipment and vehicle for possible deployment as need arises.

### **9th Infantry Battalion, Philippine Army**

- a. Placed four (4) military trucks on standby for possible evacuation.
- b. Conducted information campaign in the neighboring barangays in the 6-km PDZ.

### **Tactical Operations Group (TOG) 5, Philippine Air Force**

- a. Facilitated availability of aircraft to be used for aerial survey of Mayon Volcano
- b. Placed DRU Team on standby with equipment and mobility to provide assistance for evacuation.

### **Bicol Regional Training and Teaching Hospital (BRTTH)**

- a. On Code White Alert effective 14 January 2018.
- b. Activated and placed Emergency Department on standby.
- c. Prepositioned appropriate logistical needs.
- d. Conducted safety rounds to hospital areas.

### **PDRRMC Albay**

- 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 Mayon Volcano
- Sent an updates for public information via SMS and through social media to all stakeholders
- Suspension of classes for Kinder to Senior High school in 15 January 2018 in schools used as evacuation centers
  - Evacuation of residents inside and within the periphery of the 6-km PDZ in
    - Ø Camalig – Brgys. Anoling, Quirangay, Tumpa, Sua, Tinubran
    - Ø Guinobatan – Brgys. Tandarora and Maninila
    - Ø Daraga – Brgys. Miisi, Banadero, Matnog and Budiao
    - Ø Ligao City – Brgys. Baligang and Amti
    - Ø Tabaco City – Brgys. Magapo Buang and Buhian
    - Ø Malilipot – Brgys. Canaway and Calbayog
- Strictly no farming and orchid picking inside the 6kms PDZ in barangays Anoling, Quirangay, Tumpa, Sua, Tinubran in Camalig; Tandarora, Maninila in Guinobatan; Miisi, Banadero, Matnog and Budiao in Daraga; Baligang and Amti in Ligao City; Magapo Buang and Buhian in Tabaco City; and Canaway and Calbayog in Malilipot.
- Residents within the slope of the volcano experiencing heavy ash fall should take precautionary measure against possible roof collapsed due to accumulated heavy ash and rain.
- C/MDRRMCs are advised to implement this advisory in their areas of jurisdiction.
- Coordinated with the affected MDRRMOs of ash fall to conduct immediate assessment in their AOR.
- Close coordination with PDRRMC Chairman and members for the updates regarding the event and possible response actions.

- Coordination with PHILVOLCS from time to time as to the status of Mayon Volcano.
- Sent and updates for public information via SMS through social media to all stakeholders.

#### **MDRRMOs Camalig, Guinobatan, and Daraga**

- a. Field assessment of affected areas of the Mt. Mayon Activity
- b. Distributed face masks to the affected population of the activity
- c. Implement evacuation operations of population in the 6-8km PDZ
- d. MDRRMO Malilipot implemented evacuation operations of population at risk in Barangays Calbayog and Canaway

#### **MDRRMO Sto. Domingo**

- a. Placed the Mayon Unit Barangays (Lidong, Fidel, Surtida, Sta. Mesiricordia, and San Fernando) on alert and on standby.
- b. Strictly prohibited farming, orchid picking, and other activities inside the 6-km PDZ traversing the Mayon Unit Barangays.
- c. Advised affected BDRRMCs to implement the advisory in their areas of jurisdiction.

#### **CDRRMO Legazpi City**

- a. Notified five (5) critical northern Barangays of the City (Mabinit, Bonga, Matanag, Buyuan, and Padang) of the situation thru call and SMS.
- b. Instructed BDRRMCs and Punong Barangays to strictly enforce the PDRRMC Albay Advisory No. 1 and monitor any updates.
- c. Placed City Health Office and CSWDO on standby.
- d. Alerted Disaster Response partners.
- e. Continuously disseminating advisories on social media official account.

#### **CDRRMO Tabaco City**

- a. Strictly implemented closure of the road going to Mayon Planetarium until further notice.
  - b. Advised affected BDRRMCs to implement advisory in their AOR.
  - c. Convened CDRRMC to discuss proactive measures related to Mayon Volcano Activity.
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