




# NATIONAL DISASTER COORDINATING COUNCIL

National Disaster Management Center, Camp Gen. Emilio Aguinaldo, Quezon City, Philippines

## NDCC UPDATE

### Sitrep No. 8 - Mayon Volcano Update

Releasing Officer:

  
GLENN J. RABONZA  
Administrator OCD and  
Executive Officer, NDCC

**D A T E: 19 December 2009 as of 10:00 PM**

Source: DOST-PHIVOLCS, OCDRC-V, ALBAY PDCC, AFP, JTF MAYON, DPWH V

#### I. SITUATION OVERVIEW

- ❖ The status of Mayon volcano remains hoisted at **Alert Level 3**. This means that magma is close to the crater and hazardous explosive eruption is imminent
- ❖ Since an increasing trend is noticeable at present, **the possibility of hazardous volcanic eruption is high.**

#### Observations:

- ❖ Mayon Volcano manifested an increase in its activity during the past observation period. A total of one hundred ninety seven (197) volcanic quakes and tremors were recorded by the seismic network. Eighteen (18) of these events were explosion type, however, only fifteen (15) were observed during times of good visibility.
- ❖ Harmonic tremors were continuously recorded by the seismic instruments.
- ❖ The explosions produced dirty white to grayish ash columns that reached height from 200 to 2000 above the summit before drifting towards southwest.
- ❖ During the cloud breaking this morning, steaming activity ranged from dirty white to light brown in color. Night observation showed an intensified crater glow and continuous rolling down of incandescent materials from the crater.
- ❖ The advancing lava flow has now reached approximately 4 km downslope from the crater along Bonga Gully.
- ❖ Sulfur dioxide (SO<sub>2</sub>) emission increases from 1065 to 2,034 tonnes per day (t/d).

#### Recommendations

- ❖ Since the persistent high unrest is evident and the possibility of volcanic eruption is high, PHIVOLCS strongly recommends that the 6-km radius Permanent Danger Zone (PDZ) around the volcano and the 7-km Extended Danger Zone (EDZ) on the southeast flank of the volcano should be free from human activity because of sudden explosions that may generate hazardous volcanic flows.
- ❖ In addition, areas in the south that are outside the 7-km danger zone but within 8 kilometers of the crater should be extra alert for increased volcanic activity.
- ❖ Active river channels and those perennially identified as lahar prone in the southern sector should also be avoided especially during bad weather conditions or when there is heavy and prolonged rainfall.

#### II. PREPAREDNESS MEASURES

- At Alert Level 3, mandatory evacuation of households in all areas within the 6 PDZ and the 6-km to 8-km EDZ up to the 8 km Extended High Risk Zone in the Southeast Quadrant particularly Buyuan, Mabinit and Bonga areas
- ❖ **Population to be evacuated as indicated in the RDCC's evacuation plan for the 6 to 8 km PDZ is shown below:**

Municipality/City	6km PDZ		6-8 km PDZ			
	Families	Persons	Families	Persons	Families	Persons
Tabaco City	877	4,254	7,218	34,482		
Ligao City	442	4,464				
Malilipot	634	2,859				
Camalig	719	3,168				
Guinobatan	56	298				
<b>Total</b>	<b>2,728</b>	<b>12,803</b>	<b>7,218</b>	<b>34,482</b>	<b>9,946</b>	<b>47,285</b>

- ❖ As of **2:00 PM December 2009**, a total of **8,442 families / 40,093 persons** have been evacuated to the **24** designated evacuation centers, broken down as follows:

Mun/City	Origin Barangays	Population		Evacuation Centers
		Families	Persons	
<b>Total</b>	<b>30</b>	<b>8,264</b>	<b>39,320</b>	<b>24</b>
1. Camalig	Quirangay, Sua, Anoling, Cabangang, Tumpa & Salugan	1,801	7,886	Bariw ES, Baligang ES, Cabangang ES, Camalig Nat'l HS, FVR-Tagaytay RS & Baligang ES (6)
2. Daraga	Banadero, Matnog, Alcala	1,622	6,961	Anislag RS, Daraga North ES, Daraga HS (3)
3. Legaspi City	Mabinit, Matanag, Buyuan, Bonga and Padang	2,423	12,597	San Roque ES, Albay CS, Gogon CS & Bagumbayan CS (4)
4. Tabaco City	Magapo, Buhian, Bonot, Oson, Luang, Mariroc-Nagsipi, Buang, Comon, <b>San Isidro</b> and other Brgys	879	4,268	San Antonio ES, Mayon ES, Bantayan ES, <b>Tabaco NW ES</b> , Mayon ES (7)
5. Malilipot	Calbayog, San Roque, Canaway	719	3,179	San Jose ES, Malilipot CS (2)
6. Sto. Domingo	Lidong, <b>San Misericordia, Fidel Surtida</b>	<b>371</b>	<b>1,602</b>	Bical Nat'l HS, <b>San Andres R/S (2)</b>
7. Ligao City	Baligang	278	1,935	Amtic HS (1)
8. Guinobatan	Maninila	349	1,665	AECID Evac Ctr.

- 45 schools have been designated as evacuation centers: 21 in Albay, 11 in Legaspi City, 6 in Ligao City and 7 in Tabaco City
- To support evacuation operations of the CDCCs and MDCCs, 45 vehicles were committed by the following agencies: 9<sup>th</sup> ID, PA-25, PNP-PRO5-2, NAVFORSOL-3, PAF-TOG5-1, DPWH5-2, SUNWEST/AKO BICOL-12
- ❖ All Municipalities/City and Barangay DCCs around Mayon Volcano were immediately advised to convene, activate emergency operation and execute evacuation procedures as ordered.
- ❖ Households in BDCCs likely to be affected were advised to prepare emergency provisions like clothing, basic utensils and beddings.
- ❖ Joint AFP-PNP Task Force Mayon (JTFM) assisted in the evacuation of the population and strictly enforced checkpoints at strategic areas to ensure that nobody enters the Danger Zone at any time
- ❖ Suspension of classes in all schools within the 8 km radius of Mayon and school authorities were advised to devise scheduling and shifting strategies that would enable pupils using these evacuation classrooms to revert to regular classes as soon as possible and for evacuee pupils to hold classes within the premises of the evacuation school. This is to minimize disruption in classes particularly given that evacuation period for Mayon eruption will last between 42 to 87 days
- ❖ All PDCC member agencies concerned executed respective contingency plans and assisted the affected population
- ❖ BRTTH, Provincial Hospitals of PHO, CHOs and RHUs within the Mayon area are put on Code Blue alert. PHO to closely coordinate with DOH and BRTTH in preparation for the health requirements particularly WATSAN in the evacuation centers.
- ❖ AHEM assigned its paramedic units in assisting LGUs and barangays in the evacuation procedures to be undertaken
- ❖ PSWDO ensured the availability of necessary basic needs in the identified evacuation centers and to continue repacking of food items to be distributed immediately to evacuees
- ❖ PNP together with the Barangay Tanods ensured the security of vacated houses due to evacuation of families to safer areas.
- ❖ Residents, motorists and school children protected themselves for possible ash inhalation by covering their nose with damped cloth or handkerchief to prevent health problems.
- ❖ PDCC Albay declared the entire province under State of Calamity at 12Nn December 17, 2009

### III. **Activities Undertaken :**

- ❖ OCD 5 has been placed on heightened alert; maintained closed coordination with PHIVOLCS Legaspi, PDCC Albay and concerned LGUs for any new development of Mayon Volcano's abnormal activity, conducted joint RDCC and PDCC meetings.
- ❖ PDCC Albay dispatched evacuation vehicles to 8 affected municipalities
- ❖ A team composed of RD Alejandro (OCD V); Commodore Gonzales AFP (JTF Mayon); Capt Nebres PN (NFSL, PN); Col Salazar PA (901 Bde, PA); Mr Daep

(APSEMO); Lt Nieva PN (PIO-RDCC V ) and two (2) representatives from the media, conducted an aerial survey

- ❖ Continuous monitoring of evacuation movement by concerned city/municipal DCCs by the PDCC Albay to provide necessary assistance.
- ❖ Transportation utilized for the on-going evacuation in Daraga, Legaspi City and Camalig are the following: 13 M35 trucks; 10 KM450; and 2 trucks.
- ❖ NFSL-PN assisted in the evacuation of affected residents in Legaspi City; deployed 2 M35 trucks at Brgy. Buyoan, Legaspi City to Bagumbayan Elementary with a total of 140 individuals (71 adult, 44 male, 27 female, 69 children, 37 male, 32 female)
- ❖ 2 Stake trucks from DPWH V were prepositioned at OCD V
- ❖ DOH 5 provided 50,000 pcs. face masks and other medicines and supplies to Albay Provincial Health Office for distribution to communities that may be affected by ashfall
  - Coordinated with DA for dog vaccination in evacuation centers
  - Continued releasing health advisory both in print and thru media
  - Coordinated with Family Planning Organization of the Phil and Mercy Malaysia to assist in responding to the needs of the evacuees
  - Followed-up with RITM re request for 30 vials of anti-venom
- RDCC meeting was convened on December 16, 2009 with the DND Secretary and NDCC Chairman, Norberto B Gonzales, OCD Administrator and NDCC Executive Officer Glenn Rabonza, RDCC Chairman PCSupt Ruben E Padua, Albay PDCC Chairman Joey Salceda, PHIVOLCS Director Renato Solidum, OCD Regional Director Rafaelito Alejandro IV, Mayors Cicero Triunfante of Daraga and Carlos Irwin Baldo of Camalig, RDCC members and representatives from media to discuss status of Mayon Volcano and the on-going evacuation of affected families. A press briefing was held after the meeting, followed by the aerial survey of high risk areas and visited selected evacuation centers in Legaspi City and Guinobatan.
- ❖ Family packs were distributed to evacuees in Daraga and Legaspi
- ❖ AFP deployed vehicles (2 M35 trucks, 42IB-1 M35, 83IB-1KM, 903Bde-1 M35, 9011Bde – 1M35) for the preventive evacuation in Brgys Calbayog, San Roque, Canaway, Buang, Magapo, Matanag, Buyuan and Municipality of Malilipot.
- ❖ PHO- Albay organized the PHO RHAS team and established joint command with DOH-5. Three (3) groups were formed to carry out the following tasks:
  - Validate number of families/persons in each evacuation centers
  - Inventory of available resources in respective LGUs such as drugs and medicines, chlorine, hyposol (liquid chlorine), report forms to be used by the RHAS Teams; and
  - Monitor activities conducted by affected LGUs.
- Coordinated with WHO re interagency emergency health kit (medicines and supplies)
- ❖ DSWD 5 released the following relief items worth **P442,446.00** to PSWDO Albay:
  - 2,400 bottled water (1 ltr/btl) or 200 cases worth Php 52,800.00
  - 88 bxs of biscuits worth Php 47,520.00
  - 413 bxs of noodles worth Php 158,592.00
  - 1,000 family food packs worth Php 153,534.00
  - 3,000 pcs face masks worth P30,000.00 to MDCC Guinobatan



- ❖ Three (3) truckloads of relief goods from the DSWD NROC arrived last night as relief augmentation for PSWD Albay for distribution to evacuees
- ❖ NFSL-PN– 2 M35 trucks transported 244 sacks of rice from Albay PDCC to Legaspi City Social Welfare Development Office
- ❖ NFSL PN coordinated with DOH for IEC materials re-health hazards and safety measures. Two (2) teams conducted relief operation to distribute 200 sacks of rice at evacuation centers in Daraga and Legazpi City.
- ❖ NFSL-PN provided 1 M35 truck and DRO Team to transport tents for 2 families/ 13 persons earlier evacuated at San Andres relocation site in Sto Domingo
  - Accommodated World Food Program and DSWD at the Naval Station
  - Provided 35 personnel in the installation of Mobile Warehouse
- ❖ PNP dispatched 227 PNP personnel to different evacuation centers in Albay to assist in the repacking of relief goods and cleaning of of ECs as well as to secure properties /houses of the evacuees.
- ❖ Imposed 24 hour curfew within 8km danger radius of Mt. Mayon thru Sanggunian Resolution No. 2009-77 by the AFP & PNP.
- ❖ Municipal Health Officers (MHOs) were advised to put up Health clinics in ECs, monitor pregnant mothers and weigh 0-6 year old children
- ❖ Coordinated with DSWD 5 re inclusion of data on age, gender, handicapped in the reporting for evacuation updates
- ❖ DSWD 5 and SWAD Team closely coordinating with Albay PDCC/PSWDO/MDCCs for updates and to assist in the distribution of relief goods to the different evacuation centers.
- ❖ Governor and Chairman, PDCC Albay, Joey Salceda assured the evacuees of a continued supply of rice (5 kls/family) as well as other social services needed at the evacuation centers.
- ❖ **Albay Police Provincial Office deployed PNP Personnel and assets to assists in the evacuation of the affected families;**
- ❖ **Coordinated with DOH 5 and 565 ECB re-status of water purifier;**
- ❖ **JTF Mayon Troops together with the Barangay Police continuously conducts patrol to ensure the safety of the household against people who may take advantage of the present situation in the affected areas. Check points are still enforced in Brgy Quirangay, Camalig; Brgy Salvacion and Brgy Matnog, Daraga; Brgy Muladbucad, Guinobatan; and Brgy Buyuan, Matanag, Legazpi City. “No man’s activity” is imposed within 6-km (PDZ);**
  - ❖ **Dispatched one (1) KM 450 vehicle of 21Bn with escort, conducted area recon in brgys affected within 6-km PDZ;**

- ❖ Dispatched one (1) Km 450 vehicle of 21Bn/one dump truck of AKO BIKOL proceeded to Brgy Panadero, Daraga conducted preventive evacuation in coordination with MPDC;
- ❖ Dispatched two (2) M35 truck from 901 Bde and Phil Navy, two (2) KM 450 vehicles from 221Bn and 311Bn to Sto Domingo, Albay to conduct forced evacuation in the affected barangays;
- ❖ Deployed one (1) dump truck of AKO BIKOL to brgy San Luis, Albay to enforce evacuation in coordination with MPDC;
- ❖ 9ID – deployment of AFP assets to assist in the on-going evacuation (901Bde-1, M35 Bde, 211B-3 KM450, 221IB-1KM450, 311B-1KM450);
- ❖ Honorable Secretary Esperanza Cabral and Asst Sec Vilma Cabrera of DSWD, Mr Bernard of WFP, RD Bernardo of OCDRC 5 as well as members of print and broadcast media conducted aerial survey around Mayon Volcano. Site visit at selected evacuation centers in Legazpi (Bagumbayan C/S), Guinobatan (Marcial Ranola Memorial School), Camalig (Cabangan E/S) and warehouse were also conducted. Chairman PDCC Albay, Gov Joey Salceda provided briefing on the status of Mayon and PDCC updates.