

DSWD DROMIC Report #6 on the Mayon Volcanic Activity

as of 13 June 2023, 6PM

I. Situation Overview

- As of **13 June 2023** at **8AM**, **Alert Level 3** is maintained over Mayon Volcano, which means that it is currently in a relatively high level of unrest as magma is at the crater and hazardous eruption is possible within weeks or even days.
- In the past 24-hour period, the Mayon Volcano Network recorded one (1) volcanic earthquake and two hundred twenty-one (221) rockfall events based on seismic and visual observations. Very slow effusion of lava from the summit crater emplaced lava flow and collapse debris on the Mi-isi (south) and Bonga (southeastern) gullies within approximately a kilometer from the crater. One (1) dome-collapse pyroclastic density current (PDC) that lasted two (2) minutes was also detected via seismic signals and was visually observed. Thin ash from the rockfalls and continuous moderate degassing from the summit crater produced steam-laden plumes that bent and crept downslope before drifting northeast. Fair crater glow or “banaag” and incandescent rockfall shed from new fluidal lava at the summit of Mayon Volcano was observed. Sulfur dioxide (SO₂) emission averaged 723 tonnes/day on 12 June 2023. Short-term observations from EDM and electronic tiltmeter monitoring show the upper slopes to be inflating since February 2023. Longer-term ground deformation parameters based on EDM, precise leveling, continuous GPS, and electronic tilt monitoring indicate that Mayon is still inflated, especially on the northwest and southeast.
- It is therefore recommended that the 6-km radius Permanent Danger Zone (PDZ) be evacuated due to the danger of PDCs, lava flows, rockfalls and other volcanic hazards.
- Increased vigilance against pyroclastic density currents, lahars and sediment-laden streamflows along channels draining the edifice is also advised. Heavy rainfall could generate channel-confined lahars and sediment-laden streamflows in channels where PDC deposits were emplaced.
- Civil aviation authorities must also advise pilots to avoid flying close to the volcano’s summit as ash from any sudden eruption can be hazardous to aircraft. Based on the current prevailing wind pattern, ash fall events may most likely occur on the south side of the volcano.

Source: DOST-PHIVOLCS

II. Status of Affected Areas and Population

A total of **9,688 families** or **37,927 persons** are affected in **26 barangays** in **Albay** (see Table 1).

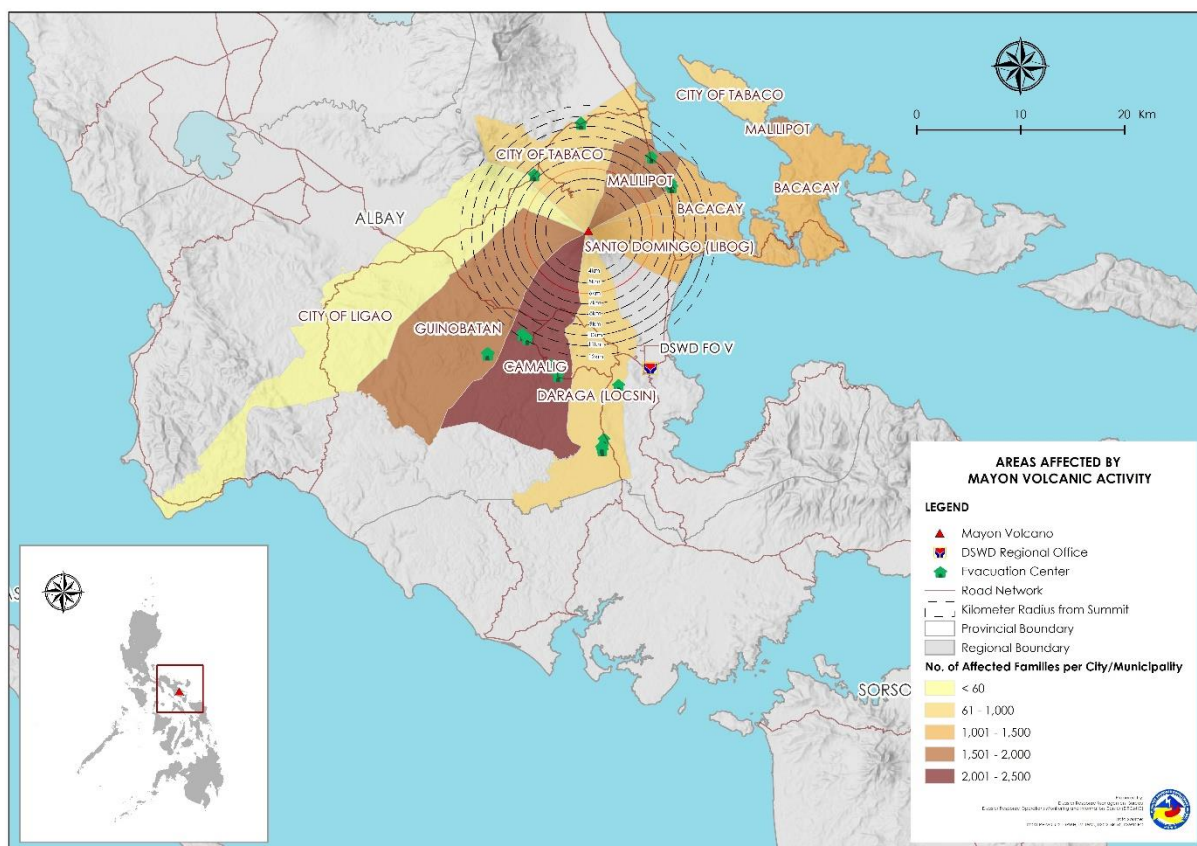
Table 1. Number of Affected Families / Persons

REGION / PROVINCE / MUNICIPALITY	NUMBER OF AFFECTED		
	Barangays	Families	Persons
GRAND TOTAL	26	9,688	37,927
REGION V	26	9,688	37,927
Albay	26	9,688	37,927
<i>Bacacay</i>	<i>1</i>	<i>1,308</i>	<i>6,670</i>

REGION / PROVINCE / MUNICIPALITY	NUMBER OF AFFECTED		
	Barangays	Families	Persons
Camalig	4	2,144	7,827
Daraga (Locsin)	4	768	2,827
Guinobatan	3	1,658	6,335
City of Ligao	1	57	220
Malilipot	3	1,866	7,226
Santo Domingo (Libog)	4	1,449	5,219
City of Tabaco	6	438	1,603

Note: This version reflects the actual number of affected barangays and families / persons in Albay after data validation on 13 June 2023, 4PM. Hence, changes in figures are based on the ongoing assessment and validation being conducted.

Source: DSWD FO V



III. Status of Displaced Population

a. Inside Evacuation Center

There are **4,415 families** or **15,493 persons** currently taking temporary shelter in **22 evacuation centers** in Albay (see Table 2).

Table 2. Number of Displaced Families / Persons Inside Evacuation Center

REGION / PROVINCE / MUNICIPALITY	NUMBER OF EVACUATION CENTERS (ECs)		NUMBER OF DISPLACED INSIDE ECs			
	CUM	NOW	Families		Persons	
			CUM	NOW	CUM	NOW
GRAND TOTAL	22	22	4,415	4,415	15,493	15,493
REGION V	22	22	4,415	4,415	15,493	15,493
Albay	22	22	4,415	4,415	15,493	15,493
Camalig	5	5	879	879	3,065	3,065

REGION / PROVINCE / MUNICIPALITY	NUMBER OF EVACUATION CENTERS (ECs)		NUMBER OF DISPLACED			
			INSIDE ECs			
			Families		Persons	
	CUM	NOW	CUM	NOW	CUM	NOW
<i>Daraga (Locsin)</i>	4	4	591	591	2,193	2,193
<i>Guinobatan</i>	2	2	813	813	2,775	2,775
<i>City of Ligao</i>	1	1	57	57	220	220
<i>Malilipot</i>	3	3	907	907	3,269	3,269
<i>Santo Domingo (Libog)</i>	2	2	730	730	2,368	2,368
<i>City of Tabaco</i>	5	5	438	438	1,603	1,603

Note: This version reflects the actual number of evacuation centers and displaced families / persons in Albay after data validation on 13 June 2023, 4PM. Hence, changes in figures are based on the ongoing assessment and validation being conducted.

Source: DSWD FO V

b. Outside Evacuation Center

There are **185 families** or **659 persons** temporarily staying with their relatives or friends (see Table 3).

Table 3. Number of Displaced Families / Persons Outside Evacuation Center

REGION / PROVINCE / MUNICIPALITY	NUMBER OF DISPLACED			
	OUTSIDE ECs			
	Families		Persons	
	CUM	NOW	CUM	NOW
GRAND TOTAL	185	185	659	659
REGION V	185	185	659	659
Albay	185	185	659	659
<i>Camalig</i>	8	8	25	25
<i>Daraga (Locsin)</i>	177	177	634	634

Note: Ongoing assessment and validation being conducted.

Source: DSWD FO V

c. Total Displaced Population

There are **4,600 families** or **16,152 persons** displaced in Albay (see Table 4).

Table 4. Total Number of Displaced Families / Persons

REGION / PROVINCE / MUNICIPALITY	NUMBER OF DISPLACED			
	TOTAL			
	Families		Persons	
	CUM	NOW	CUM	NOW
GRAND TOTAL	4,600	4,600	16,152	16,152
REGION V	4,600	4,600	16,152	16,152
Albay	4,600	4,600	16,152	16,152
<i>Camalig</i>	887	887	3,090	3,090
<i>Daraga (Locsin)</i>	768	768	2,827	2,827
<i>Guinobatan</i>	813	813	2,775	2,775
<i>City of Ligao</i>	57	57	220	220
<i>Malilipot</i>	907	907	3,269	3,269
<i>Santo Domingo (Libog)</i>	730	730	2,368	2,368
<i>City of Tabaco</i>	438	438	1,603	1,603

Note: Ongoing assessment and validation being conducted.

Source: DSWD FO V

IV. Cost of Humanitarian Assistance Provided

A total of **₱32,976,465.72** worth of assistance was provided to the affected families; of which, **₱31,342,942.99** from **DSWD**, **₱20,000.00** from the **Local Government Units (LGUs)**, **₱973,720.73** from the **Non-Government Organizations**, and **₱639,802.00** from **other Partners** (see Table 5).

Table 5. Cost of Assistance Provided to Affected Families / Persons

REGION / PROVINCE / MUNICIPALITY	COST OF ASSISTANCE				
	DSWD	LGU	NGOs	OTHERS	GRAND TOTAL
GRAND TOTAL	31,342,942.99	20,000.00	973,720.73	639,802.00	32,976,465.72
REGION V	31,342,942.99	20,000.00	973,720.73	639,802.00	32,976,465.72
Albay	31,342,942.99	20,000.00	973,720.73	639,802.00	32,976,465.72
<i>Bacacay</i>	<i>450,000.00</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>450,000.00</i>
<i>Camalig</i>	<i>6,120,147.98</i>	<i>-</i>	<i>-</i>	<i>268,880.00</i>	<i>6,389,027.98</i>
<i>Daraga (Locsin)</i>	<i>5,434,459.70</i>	<i>-</i>	<i>-</i>	<i>99,942.00</i>	<i>5,534,401.70</i>
<i>Guinobatan</i>	<i>6,597,128.00</i>	<i>10,000.00</i>	<i>-</i>	<i>163,800.00</i>	<i>6,770,928.00</i>
<i>City of Ligao</i>	<i>694,793.91</i>	<i>10,000.00</i>	<i>-</i>	<i>4,600.00</i>	<i>709,393.91</i>
<i>Malilipot</i>	<i>4,891,577.40</i>	<i>-</i>	<i>973,720.73</i>	<i>92,380.00</i>	<i>5,957,678.13</i>
<i>Santo Domingo (Libog)</i>	<i>2,498,266.00</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>2,498,266.00</i>
<i>City of Tabaco</i>	<i>4,656,570.00</i>	<i>-</i>	<i>-</i>	<i>10,200.00</i>	<i>4,666,770.00</i>

Note: The reflected DSWD assistance only covers the cost of relief items distributed to different affected areas.

Source: DSWD FO V

V. Response Actions and Interventions

a. Standby Funds and Prepositioned Relief Stockpile

OFFICE	STANDBY FUNDS	STOCKPILE			TOTAL STANDBY FUNDS & STOCKPILE
		FAMILY FOOD PACKS		OTHER FOOD AND NON-FOOD ITEMS (FNIs)	
		QUANTITY	TOTAL COST		
TOTAL	220,479,218.52	1,092,232	678,807,511.00	1,036,740,979.19	1,936,027,708.71
DSWD CO	147,678,225.45		-	-	147,678,225.45
NRLMB NROC	-	96,515	65,733,484.44	197,931,155.24	263,664,639.68
NRLMB VDRC	-	73,542	52,397,960.48	42,313,131.41	94,711,091.89
DSWD FO V	5,000,000.00	96,185	60,976,647.16	42,464,663.20	108,441,310.36
Other FOs	67,800,993.07	825,990	499,699,418.92	754,032,029.34	1,321,532,441.33

Note: The Inventory Summary is as of 13 June 2023, 4PM.

Sources: DRMG-DRMB and DRMG-NRLMB

1. Standby Funds

- ₱147.68 million Quick Response Fund (QRF) at the DSWD Central Office.
- ₱5 million available at DSWD FO V.
- ₱67.8 million in other DSWD FOs which may support the relief needs in areas affected by the Mayon Volcanic Activity through inter-FO augmentation.

2. Prepositioned FFPs and Other Relief Items

- 170,057 FFPs available in Disaster Response Centers; of which, 96,515 FFPs are at the National Resource Operations Center (NROC), Pasay City and 73,542 FFPs are at the Visayas Disaster Resource Center (VDRC), Mandaue City.
- 96,185 FFPs available at DSWD FO V.

- 828,990 FFPs in other DSWD FOs which may support the relief needs in areas affected by the Mayon Volcanic Activity through inter-FO augmentation.
- ₱1.04 billion worth of other FNIs at NROC, VDRC, and DSWD FO warehouses.

b. Food and Non-food Items (FNIs)

DRMG-NRLMB

DATE	SITUATIONS / ACTIONS UNDERTAKEN
13 June 2023	<ul style="list-style-type: none"> • DRMG-NRLMB released 120 family tents which are in transit to Pawa, Legazpi, Albay
12 June 2023	<ul style="list-style-type: none"> • DRMG-NRLMB released 10,500 FFPs for delivery to Pawa, Legazpi, Albay.

DSWD FO V

DATE	SITUATIONS / ACTIONS UNDERTAKEN
13 June 2023	<ul style="list-style-type: none"> • ABS-CBN Sagip Kapamilya Foundation distributed hot meals to affected families. • The Bureau of Fire Protection (BFP) – Sto. Domingo provided 4,000-liter water to displaced families at San Andres Elementary School in Sto. Domingo, Albay. • The Municipal Action Team (MAT) in Daraga, Albay facilitated the distribution of FFPs to affected families at Anislag Elementary School. • The MAT in Ligao City, Albay facilitated the distribution of FFPs to affected families at a campsite in Brgy. Basag. • The MAT in Sto. Domingo, Albay facilitated the distribution of FFPs to affected families at San Andres Elementary School in Brgy. Fidel Surtida. • DSWD FO V distributed drinking water to displaced families at Comun Elementary School in Brgy. Comun, Camalig, Albay. • DSWD FO V distributed hygiene kits to displaced families at Budiao Elementary School in Daraga, Albay.
12 June 2023	<ul style="list-style-type: none"> • The Tabaco City Water District distributed potable drinking water at Pawa Evacuation Center in Tabaco City. • The Red Cross provided 10,000 liters of water supply at Guinobatan Community College in Guinobatan, Albay. • The BFP – Malilipot provided water at San Jose National High School in Malilipot, Albay.
11 June 2023	<ul style="list-style-type: none"> • DSWD Field Office V distributed FFPs to the families affected by the Mayon volcanic activity in Malilipot, Albay. • DSWD FO V continuously facilitated the provision of FNIs as relief augmentation to the affected LGUs for onward distribution to the families and individuals affected by the Mayon volcanic activity. • DSWD FO V continuously facilitated the distribution of FFPs good for 15 days to the families and individuals affected by the Mayon Volcanic Activity.
09 June 2023	<ul style="list-style-type: none"> • DSWD FO V facilitated the provision of family tents to the LGUs of Daraga, Guinobatan, and Camalig in Albay which would be utilized as women-friendly spaces (WFS) and child-friendly spaces (CFS).

c. Internally Displaced Person (IDP) Protection

DSWD FO V

DATE	SITUATIONS / ACTIONS UNDERTAKEN
13 June 2023	<ul style="list-style-type: none"> Additional comfort rooms were constructed at Guinobatan Community College in Guinobatan, Albay. The Department of Health – Center for Health Development (DOH-CHD) Bicol assessed the health status of the displaced families at Mauraro Elementary School in Guinobatan, Albay. The LGU of Guinobatan, Albay installed electric line for the covered court at Mauraro High School. DOH conducted disinfection activity at Basag Provincial campsite. The Office of the Vice Mayor in Guinobatan, Albay conducted psychosocial activities at Guinobatan Community College.
12 June 2023	<ul style="list-style-type: none"> The Kabataan Kontra Droga at Terorismo – Ligao City Chapter facilitated the conduct of parlor games and other psychosocial support activities for children at the campsite in Basag, Ligao City, Albay. The Nurse Deployment Program (NDP) of DOH deployed personnel to conduct Measles Rubella Oral Polio Vaccination at Pawa Evacuation Center in Tabaco City. The Barangay Nutrition Scholars conducted a lecture on Infant and Young Child Feeding at Pawa Evacuation Center in Tabaco City. The City Engineering Office of the LGU of Tabaco City installed canopy at Pawa Evacuation Center for the protection of the IDPs from heat and rain. They have also installed electric supply to 72 cubicles. The Sangguniang Kabataan (SK) of Brgy. Tandarora, Guinobatan, Albay initiated psychosocial activity through a film showing.
11 June 2023	<ul style="list-style-type: none"> DSWD FO V facilitated the profiling of IDPs inside the evacuation centers in coordination with Local Social Welfare and Development Offices (LSWDOs). The PNP Personnel under Women and Children Protection Division conducted orientation on Women and Children's Safety at Pawa Evacuation Center in Tabaco City. The City Disaster Risk Reduction and Management Office (CDRRMO) of the LGU of Ligao City, Albay conducted a psychosocial film showing at a campsite in Brgy. Basag.

d. Camp Coordination and Camp Management (CCCM)

DSWD FO V

DATE	SITUATIONS / ACTIONS UNDERTAKEN
13 June 2023	<ul style="list-style-type: none"> DSWD FO V ensured the provision and display of Evacuation Center Information Board to identified evacuation centers in the Municipalities of Sto. Domingo and Tabaco City, Albay.
12 June 2023	<ul style="list-style-type: none"> A 4Ps community pantry was installed at the Provincial campsite in Brgy. Basag, Ligao City, Albay. DSWD FO V conducted monitoring visit to evacuation centers and provided technical assistance on camp management. DSWD FO V coordinated with the LSWDO of the LGU of Guinobatan, Albay for the decongestion of evacuation centers and possible opening of new campsites.
11 June 2023	<ul style="list-style-type: none"> A community kitchen for IDPs was being constructed at Mauraro Community College in Guinobatan, Albay.

DATE	SITUATIONS / ACTIONS UNDERTAKEN
10 June 2023	<ul style="list-style-type: none"> DSWD FO V led by Regional Director Norman Laurio inspected evacuation centers in the Municipalities of Daraga, Malilipot, and Tabaco in Albay to further assess the needed interventions of the IDPs.
09 June 2023	<ul style="list-style-type: none"> DSWD FO V conducted monitoring of the families and individuals within the 6-km Permanent Danger Zone at Sitio Nagsipit, Brgy. Mariroc, Tabaco City, Albay who were forcedly evacuated to Pawa Evacuation Center as initiated by the BLGU of Mariroc and the LGU of Tabaco City. DSWD FO V conducted monitoring at the San Antonio National High School; facilitated the interview of the IDPs using the Disaster Assistance Family Access Card (DAFAC); coordinated with the camp manager, nurse, and assigned PNP personnel; and prepared the Evacuation Center Information Board as part of the preparedness measures for the possible effects of the Mayon volcanic activity. DSWD FO V conducted site visit to the two (2) open evacuation centers in Camalig and Guinobatan, Albay to assess the condition of the IDPs and their basic needs such as water and food supply, kitchen, restrooms, and sleeping area. DSWD FO V Regional Director Norman Laurio instructed the assigned members of the Municipal Action Teams (MATs) to be on top of monitoring the situation and to closely coordinate with the camp managers of the affected LGUs. DSWD FO V provided assistance in the administration of DAFAC forms to the IDPs in evacuation centers.

e. Other Activities

DRMG-DRMB

DATE	SITUATIONS / ACTIONS UNDERTAKEN
12 June 2023	<ul style="list-style-type: none"> DRMG-DRMB facilitated the Preparedness for Response and Response Operations Meeting with DSWD FOs CALABARZON, V, VI, and PHIVOLCS.
11 June 2023	<ul style="list-style-type: none"> DRMB attended the NDRRMC – Technical Management Group (TMG) / Response for a Mayon Volcanic Activity Update Meeting. DRMB prepared, coordinated, and monitored request, allocation, and delivery of NFIs intended for the affected population due to Mayon volcanic activity in Bicol.
10 June 2023	<ul style="list-style-type: none"> DSWD Sec. Rex Gatchalian, together with Undersecretary for Disaster Response Management Group (DRMG) Dr. Diana Rose Cajipe and Assistant Secretary for DRMG Marlon Alagao, visited and led the distribution of FNIs to the displaced families and individuals taking temporary shelter at Anislag Elementary School and Daraga Evacuation Phase 1 in Daraga, Albay.

DRMG-NRLMB

DATE	SITUATIONS / ACTIONS UNDERTAKEN
13 June 2023	<ul style="list-style-type: none"> DRMG-NRLMB closely coordinates with the logistics providers and partners for vehicle augmentation support. DRMG-NRLMB closely coordinates and continuously monitors all dispatched relief items in transit to FOs. DRMG-NRLMB continuously conducts production activities such as box forming, vacuum sealing, and coffee/cereal bundling. patch goods to ensure safe and on-time delivery to requesting FOs.

DATE	SITUATIONS / ACTIONS UNDERTAKEN
12 June 2023	<ul style="list-style-type: none"> • DRMG-NRLMB attended the Preparedness for Response and Response Operations Meeting with DSWD FOs CALABARZON, V, VI, and PHIVOLCS. • DRMG-NRLMB conducted Logistics Planning on the requirements for the disaster response operations relative to the impacts of Mayon volcanic activity.
11 June 2023	<ul style="list-style-type: none"> • DRMG-NRLMB facilitated and dispatched additional 9,500 FFPs bound for Pawa, Legazpi City and 480 family tents bound for Bonot, Legazpi City intended for the families and individuals affected by the Mayon volcanic activity. • DSWD-NRLMB continuously conducted repacking of relief goods for possible augmentation.

DSWD FO V

DATE	SITUATIONS / ACTIONS UNDERTAKEN
11 June 2023	<ul style="list-style-type: none"> • DSWD Field Office V in coordination with the Provincial Government of Albay prepositioned FNIs and ensured the preparation of the families affected by the Mayon volcanic activity. • DSWD Field Office V Quick Response Team (QRT) continuously monitored the situation of the families affected by the Mayon volcanic activity in Albay. • The Regional Resource Operations Section (RROS) of DSWD FO V ensured the availability of NFIs. • DSWD FO V through its Disaster Response Management Division (DRMD) continuously monitored the situation and coordinated with other partners for other essential information. • DSWD FO V continuously coordinated with the Provincial Government of Albay through its Provincial Disaster Risk Reduction and Management Office (PDRRMO) and Albay Public Safety and Emergency Management Office (APSEMO) for significant updates.
10 June 2023	<ul style="list-style-type: none"> • DSWD Field Office V facilitated the unloading of NFIs at the DSWD Regional Warehouse in Pawa, Legazpi City, Albay as augmentation support to the LGUs affected by the Mayon volcanic activity.
09 June 2023	<ul style="list-style-type: none"> • The MATs were on a 24/7 shift to ensure that all concerns and needs of the IDPs would be addressed, reported, and referred to concerned offices and agencies. • DSWD FO V attended the Regional Disaster Risk Reduction and Management Council (RDRRMC) Emergency Meeting at the Office of Civil Defense (OCD 5), Handying Hall, Camp Gen. Simeon Ola, Legazpi City.
08 June 2023	<ul style="list-style-type: none"> • DSWD FO V facilitated the identification of additional warehouses for prepositioning of FNIs. • DSWD FO V attended the inter-agency emergency meeting on the preparedness for response actions/activities of concerned offices relative to the raising of alert status of Mayon Volcano.
07 June 2023	<ul style="list-style-type: none"> • DSWD FO V through its DRMD led a meeting with the City and Municipal Action team (C/MAT) leaders and members to discuss on the preparedness for response actions relative to the potential impacts of the ongoing unrest activities of the Mayon Volcano. • DSWD FO V activated its QRT – Social Welfare and Development Team (SWADT) in Albay. • DSWD FO V inspected 115 evacuation centers in preparation for any possible evacuation.

DATE	SITUATIONS / ACTIONS UNDERTAKEN
	<ul style="list-style-type: none">• DSWD FO V led the monitoring of the delivery of 21,000 FFPs from DSWD-NRLMB to DSWD FO V new warehouse in Camalig, Albay.

VI. Photo Documentation

13 JUNE 2023
DSWD Field Office V Regional Director Norman Laurio, together with Albay Provincial Governor Edcel Lagman, accepts the food donation from United Arab Emirates (UAE) intended for distribution to the families affected by the Mayon Volcanic Activity in Albay.

DSWD **DRMB**
Department of Social Welfare and Development Disaster Response Management Bureau

12 JUNE 2023
DSWD Field Office V Regional Director Norman Laurio leads the distribution of food and non-food items to the families displaced due to Mayon Volcanic Activity in Brgy. Gabawan, Daraga, Albay.

DSWD **DRMB**
Department of Social Welfare and Development Disaster Response Management Bureau

12 JUNE 2023

DSWD Field Office V facilitates the transfer of families who are displaced due to Mayon Volcanic Activity in Guinobatan, Albay to identified evacuation centers.



12 JUNE 2023

DSWD Field Office V conducts learning sessions for the children affected by the Mayon Volcanic Activity in Bungkaras and Taladong Evacuation Centers in Camalig, Albay.



The Disaster Response Operations Monitoring and Information Center (DROMIC) of DRMG-DRMB is closely coordinating with DSWD FO V for significant disaster response updates and assistance provided.

Prepared by:

AARON JOHN B. PASCUA
MARIE JOYCE G. RAFANAN

Released by:

MARC LEO L. BUTAC