

## DSWD DROMIC Report #2 on the Mw 7.0 Earthquake Incident in Tayum, Abra as of 27 July 2022, 6PM

### I. Situation Overview

On 27 Jul 2022 at 8:43 AM, a 7.0 magnitude earthquake jolted the municipality of Tayum (Abra) (17.64°N, 120.63°E - 003 km N 45° W) with a tectonic origin and a depth of focus of 017 km. The earthquake was also felt in the neighboring municipalities.

<b>Date/Time:</b>	27 Jul 2022 - 8:43:24 AM
<b>Reported Intensities:</b>	<p>Intensity VII - Bucloc and Manabo, Abra            Intensity VI - Vigan City, Sinait, Bantay, San Esteban, Ilocos Sur; Laoac, Pangasinan;            Baguio City;            Intensity V - Magsingal and San Juan, Ilocos Sur, Alaminos City and Labrador, Pangasinan;            Bambang, Nueva Vizcaya; Mexico, Pampanga; Concepcion, and Tarlac City, Tarlac;            City of Manila; City of Malabon            Intensity IV - City of Marikina; Quezon City; City of Pasig; City of Valenzuela; City of Tabuk,            Kalinga; Bautista and Malasiqui, Pangasinan; Bayombong and Diadi, Nueva Vizcaya;            Guiguinto, Obando, and San Rafael, Bulacan; San Mateo, Rizal            Intensity III - Bolinao, Pangasinan; Bulakan, Bulacan; Tanay, Rizal            Intensity II - General Trias City, Cavite; Santa Rosa City, Laguna</p> <p>Instrumental Intensities:            Intensity VII - Vigan City            Intensity V - Laoag City, Ilocos Norte; Peñablanca, Cagayan; Dagupan City, Pangasinan;            Sinait, Ilocos Sur; Baguio City            Intensity IV - Gonzaga, Cagayan; Baler, Aurora; Bayombong, Nueva Vizcaya; Ramos, Tarlac;            Ilagan, Isabela; Basista, Pangasinan; Claveria, Cagayan; San Jose, Palayan City and            Cabanatuan City, Nueva Ecija; Madella, Quirino; Tabuk, Kalinga; Santiago City, Isabela            Intensity III - Quezon City; Iba, Zambales; Navotas City, Malabon City, Metro Manila;            Magalang &amp; Guagua Pampanga; Bolinao, Sison &amp; Infanta, Pangasinan; Bulakan, San Ildefonso,            Guiguinto, Plaridel, and Malolos City, Bulacan; Tarlac City, Tarlac            Intensity II - Dona Remedios Trinidad, Angat &amp; Santa Maria, Bulacan; Tagaytay City, Cavite;            Pasig City Metro Manila; Polillo, Gumaca &amp; Infanta, Quezon            Intensity I - Tanay, Taytay, Morong, Antipolo City, Rizal; Marilao, Bulacan; San Juan City,            Las Pinas City, Metro Manila; Lucban, Quezon; Subic, Zambales; Mercedes, Camarines Norte;            Olongapo City, Zambales; Carmona, Cavite</p>
<b>Expecting Damage:</b>	YES
<b>Expecting Aftershocks:</b>	YES

*Source: DOST-PHIVOLCS Earthquake Bulletin*

## II. Status of Affected Areas and Population

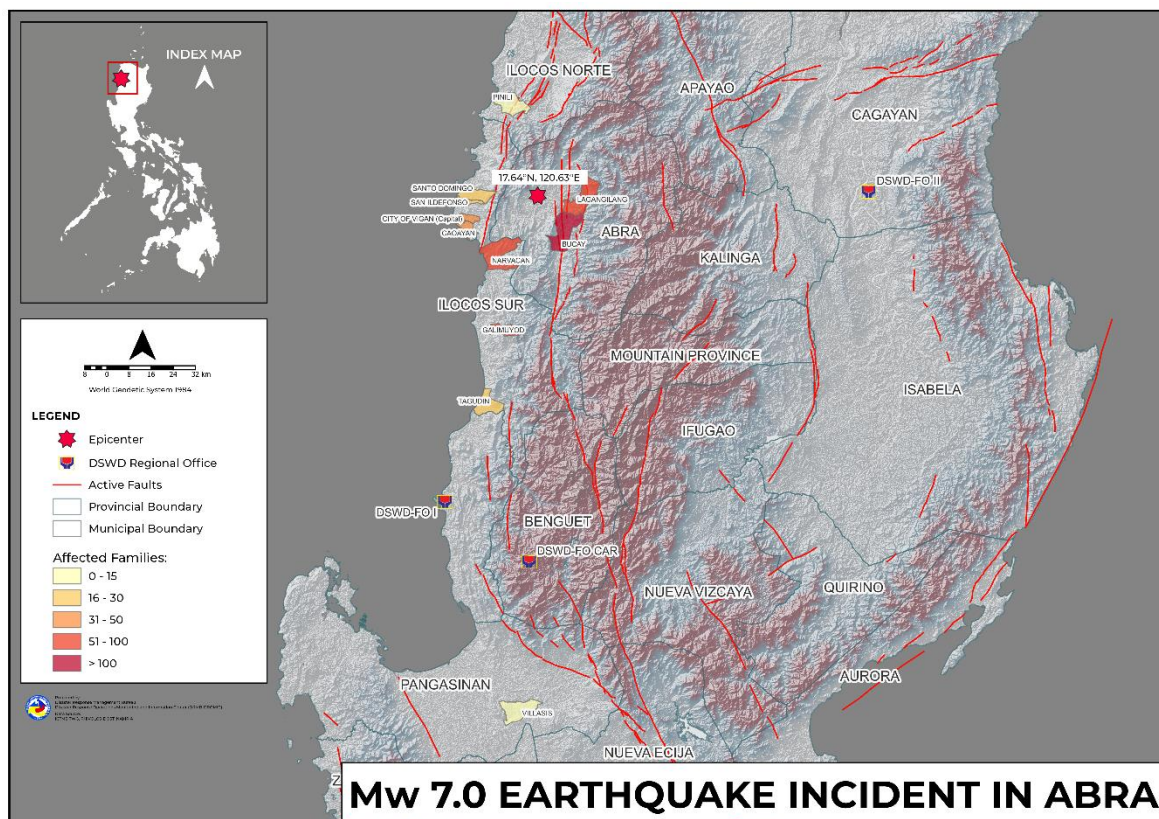
A total of **1,388 families** or **5,165 persons** are affected in **31 barangays** in **Region I** and **CAR** (see Table 1).

**Table 1. Number of Affected Families / Persons**

REGION / PROVINCE / MUNICIPALITY	NUMBER OF AFFECTED		
	Barangays	Families	Persons
<b>GRAND TOTAL</b>	<b>31</b>	<b>1,388</b>	<b>5,165</b>
<b>REGION I</b>	<b>18</b>	<b>353</b>	<b>1,646</b>
<b>Ilocos Norte</b>	<b>1</b>	<b>1</b>	<b>4</b>
Pinili	1	1	4
<b>Ilocos Sur</b>	<b>16</b>	<b>351</b>	<b>1,637</b>
Caoayan	2	50	253
Galimuyod	6	99	465
Narvacan	3	82	474
San Ildefonso	1	21	74
Santo Domingo	1	27	123
Tagudin	1	25	68
CITY OF VIGAN (Capital)	2	47	180
<b>Pangasinan</b>	<b>1</b>	<b>1</b>	<b>5</b>
Villasis	1	1	5
<b>CAR</b>	<b>13</b>	<b>1,035</b>	<b>3,519</b>
<b>Abra</b>	<b>13</b>	<b>1,035</b>	<b>3,519</b>
Bucay	3	976	3,286
Lagangilang	10	59	233

Note: Ongoing assessment and validation being conducted.

Source: DSWD Field Offices (FOs)



### III. Status of Displaced Population

#### a. Inside Evacuation Center

There are **346 families** or **1,624 persons** currently taking temporary shelter at **16 evacuation centers** in **Region I** (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			
			Families		Persons	
	CUM	NOW	CUM	NOW	CUM	NOW
<b>GRAND TOTAL</b>	<b>16</b>	<b>16</b>	<b>346</b>	<b>346</b>	<b>1,624</b>	<b>1,624</b>
<b>REGION I</b>	<b>16</b>	<b>16</b>	<b>346</b>	<b>346</b>	<b>1,624</b>	<b>1,624</b>
<b>Ilocos Sur</b>	<b>16</b>	<b>16</b>	<b>346</b>	<b>346</b>	<b>1,624</b>	<b>1,624</b>
Caoayan	1	1	50	50	253	253
Galimuyod	7	7	99	99	465	465
Narvacan	3	3	82	82	474	474
San Ildefonso	1	1	21	21	74	74
Santo Domingo	1	1	27	27	123	123
Tagudin	1	1	20	20	55	55
CITY OF VIGAN (Capital)	2	2	47	47	180	180

Note: Ongoing assessment and validation being conducted.

Source: DSWD FOs

#### b. Outside Evacuation Center

There are **five (5) families** or **13 persons** temporarily staying with their relatives and/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
<b>GRAND TOTAL</b>	<b>5</b>	<b>5</b>	<b>13</b>	<b>13</b>
<b>REGION I</b>	<b>5</b>	<b>5</b>	<b>13</b>	<b>13</b>
<b>Ilocos Sur</b>	<b>5</b>	<b>5</b>	<b>13</b>	<b>13</b>
Tagudin	5	5	13	13

Note: Ongoing assessment and validation being conducted.

Source: DSWD FOs

#### c. Total Displaced Population

There are **351 families** or **1,637 persons** taking temporarily shelter either in evacuation centers or with their relatives and/or friends (see Table 4).

**Table 4. Total Number of Displaced Families / Persons**

REGION / PROVINCE / MUNICIPALITY	TOTAL DISPLACED SERVED			
	Families		Persons	
	Total Families		Total Persons	
	CUM	NOW	CUM	NOW
<b>GRAND TOTAL</b>	<b>351</b>	<b>351</b>	<b>1,637</b>	<b>1,637</b>
<b>REGION I</b>	<b>351</b>	<b>351</b>	<b>1,637</b>	<b>1,637</b>
<b>Ilocos Sur</b>	<b>351</b>	<b>351</b>	<b>1,637</b>	<b>1,637</b>
Caoayan	50	50	253	253
Galimuyod	99	99	465	465

REGION / PROVINCE / MUNICIPALITY	TOTAL DISPLACED SERVED			
	Families		Persons	
	Total Families		Total Persons	
	CUM	NOW	CUM	NOW
Narvacan	82	82	474	474
San Ildefonso	21	21	74	74
Santo Domingo	27	27	123	123
Tagudin	25	25	68	68
CITY OF VIGAN (Capital)	47	47	180	180

Note: Ongoing assessment and validation being conducted.

Source: DSWD FOs

## IV. Damaged Houses

A total of **two (2) houses** were **partially damaged** in **Region I** (see Table 5).

**Table 5. Number of Damaged Houses**

REGION / PROVINCE / MUNICIPALITY	NO. OF DAMAGED HOUSES		
	Total	Totally	Partially
<b>GRAND TOTAL</b>	<b>2</b>	<b>-</b>	<b>2</b>
<b>REGION I</b>	<b>2</b>	<b>-</b>	<b>2</b>
<b>Ilocos Norte</b>	<b>1</b>	<b>-</b>	<b>1</b>
Pinili	1	-	1
<b>Pangasinan</b>	<b>1</b>	<b>-</b>	<b>1</b>
Villasis	1	-	1

Note: Ongoing assessment and validation being conducted.

Source: DSWD FOs

## V. Response Actions and Interventions

The DSWD Central Office (CO), FOs, and National Resource Operations Center (NROC) have stockpiles and standby funds amounting to **₱1,365,208,621.47** with breakdown as follows:

### a. Standby Funds

A total of **₱328,969,834.36 standby funds** in the CO and FOs. Of the said amount, **₱247,530,257.39** is the available **Quick Response Fund (QRF)** in the CO.

### b. Stockpiles

A total of **529,066 family food packs (FFPs)** amounting to **₱326,107,942.64**, **other food items** amounting to **₱212,258,326.63**, and **non-food items (FNIs)** amounting to **₱497,872,517.84** are available.

OFFICE	STANDBY FUNDS	STOCKPILE				TOTAL STANDBY FUNDS & STOCKPILE
		FAMILY FOOD PACKS		OTHER FOOD ITEMS	NON-FOOD RELIEF ITEMS	
		QUANTITY	TOTAL COST	TOTAL COST	TOTAL COST	
<b>TOTAL</b>	<b>328,969,834.36</b>	<b>529,066</b>	<b>326,107,942.64</b>	<b>212,258,326.63</b>	<b>497,872,517.84</b>	<b>1,365,208,621.47</b>
DSWD-CO	247,530,257.39	-	-	-	-	247,530,257.39
NRLMB-NROC	-	87,170	58,150,133.00	44,339,295.10	52,466,509.79	154,955,937.89
NRLMB-VDRC	-	51,729	32,811,910.00	48,986,195.80	72,010.00	81,870,115.80
DSWD-FO I	5,039,900.00	15,146	8,870,883.50	15,899,295.75	17,291,238.65	47,101,317.90
DSWD-FO II	5,073,217.58	36,329	21,922,875.00	3,663,486.00	26,974,066.50	57,633,645.08
DSWD-FO III	5,253,797.79	22,888	11,431,285.04	2,292,781.09	22,346,971.00	41,324,834.92

OFFICE	STANDBY FUNDS	STOCKPILE				TOTAL STANDBY FUNDS & STOCKPILE
		FAMILY FOOD PACKS		OTHER FOOD ITEMS	NON-FOOD RELIEF ITEMS	
		QUANTITY	TOTAL COST	TOTAL COST	TOTAL COST	
DSWD-FO CALABARZON	5,000,000.47	13,927	8,582,640.90	3,563,836.00	64,112,179.16	81,258,656.53
DSWD-FO MIMAROPA	5,661,519.78	41,866	29,573,099.32	9,984,849.00	18,525,527.34	63,744,995.44
DSWD-FO V	5,000,000.00	34,420	18,034,007.62	6,279,587.05	42,302,110.90	71,615,705.57
DSWD-FO VI	5,000,000.00	31,035	13,264,910.00	2,066,330.00	29,761,565.64	50,092,805.64
DSWD-FO VII	5,000,000.00	17,667	10,070,190.00	15,338,793.32	40,883,200.65	71,292,183.97
DSWD-FO VIII	5,000,000.00	21,052	13,226,152.93	4,957,038.50	32,895,114.37	56,078,305.80
DSWD-FO IX	5,000,000.00	15,268	8,343,809.32	15,483,562.44	13,783,910.52	42,611,282.28
DSWD-FO X	6,193,317.50	20,682	14,395,716.50	19,326,844.43	27,443,188.50	67,359,066.93
DSWD-FO XI	5,090,000.00	24,154	15,194,214.20	6,870,149.00	27,634,405.80	54,788,769.00
DSWD-FO XII	5,000,969.85	33,789	20,345,550.00	7,638,855.00	31,760,687.08	64,746,061.93
DSWD-FO CARAGA	4,126,401.00	33,989	23,583,888.84	334,307.51	14,433,138.60	42,477,735.95
DSWD-FO NCR	5,000,000.00	2,144	1,337,345.96	2,542,113.95	5,545,413.21	14,424,873.12
DSWD-FO CAR	5,000,453.00	25,811	16,969,330.51	2,691,006.69	29,641,280.13	54,302,070.33

Note: The Inventory Summary is as of 27 July 2022, 4PM.

Sources: DRMB and NRLMB

## c. Situational Reports

### DSWD-DRMB

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> <li>The DRMB Operations Center (OpCen) is in 24/7 virtual operation to closely monitor and coordinate with the National Resource and Logistics Management Bureau (NRLMB) and DSWD Field Offices for significant updates on the Mw 7.0 Earthquake Incident in Tayum, Abra</li> <li>DSWD-DRMB is on standby response support assets from non-affected DSWD-FOs.</li> <li>DSWD-DRMB facilitates the delivery of the following FNIs from the National Resource Operations Center (NROC) scheduled on 28 July 2022 for Regions I and CAR :               <ul style="list-style-type: none"> <li>5,000 FFPs/region</li> <li>2,000 Hygiene Kits/region</li> <li>1,000 Sleeping Kits/region</li> <li>1,000 Kitchen Kits/region</li> <li>1,000 Family Tents/region (Sourced from DSWD FO CALABARZON)</li> </ul> </li> <li>DSWD-DRMB facilitates the P15 million fund augmentation to DSWD-FO I and CAR for urgent food and NFI relief requirements.</li> </ul>

### DSWD-NRLMB

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> <li>DSWD-NRLMB is continuously repacking goods for possible augmentation.</li> <li>DSWD-NRLMB provides logistical augmentation to FOs on delivering FFPs to LGUs.</li> </ul>



**DSWD-FO NCR**

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> <li>• Ongoing coordination with concerned offices for updates regarding damages and affected population.</li> </ul>

**DSWD-CAR**

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> <li>• DSWD FO CAR provided technical assistance to the partner LGUs on Camp Coordination and Camp Management (CCCM).</li> <li>• DSWD FO CAR activated Quick Response Team #35.</li> <li>• DSWD FO CAR activated Quick Response Team in the PAT- Abra, Benguet, Kalinga and Mountain Province.</li> <li>• DSWD FO CAR facilitated the loading of 3,900 FFPs, 10 family tents and 130 modular tents bound to Abra for prepositioning.</li> <li>• DSWD FO CAR Public Service Continuity Plan is activated.</li> <li>• DSWD FO CAR is continuously coordinating with partner agencies on significant updates.</li> <li>• Psychosocial Support Processing (PSP) Team is on standby for possible deployment.</li> </ul>

**DSWD-FO I**

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> <li>• DSWD FO I is on Red Alert Status.</li> <li>• DSWD FO I is closely monitoring the magnitude 7.0 earthquake through the DOST – PHIVOLCS and in close coordination with the Regional Disaster Risk Reduction and Management Council 1 (RDRRMC1). Likewise, Provincial Operations Offices (POOs) are in close coordination with the different Provincial/City/Municipal Disaster Risk Reduction and Management Councils (P/C/MDRRMCs) and Provincial/City/Municipality Social Welfare and Development Offices (P/C/MSWDOs) to monitor and gather updates regarding the affected population and damages brought by the earthquake incident.</li> <li>• DSWD FO I attended the Response Cluster Meeting spearheaded by Regional Director Marie Angela S. Gopalan and Assistant Regional Director (ARD) for Operations Marlene Febes D. Peralta to discuss the situation updates from Response Cluster Member Agencies relative to the Magnitude 7.0 earthquake on 27 July 2022, 3PM.</li> <li>• DSWD FO I staff are on standby for possible augmentation. Likewise, the field office ensures availability and readiness of resources.</li> </ul>

**DSWD-FO II**

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> <li>• DSWD FO II released an advisory for the information of Social Welfare and Development Teams (SWADTs), Municipal Action Teams (MATs) in the monitoring of damaged houses and affected families relative to the 7.0 magnitude earthquake.</li> <li>• DSWD FO II is in close coordination with the SWADTs and MATs in their area of responsibility for updates.</li> </ul>

DATE	SITUATIONS / ACTIONS UNDERTAKEN
	<ul style="list-style-type: none"> <li>• DSWD FO II is in close coordination with the status of MAGAT Dam through its SWADTs.</li> <li>• DSWD FO II ensures ready logistics and family food packs to be extended in case there are families affected.</li> <li>• DSWD FO II already arranged two (2) teams ready for deployment in case FOs CAR and I need human resource augmentation.</li> </ul>

#### DSWD-FO III

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> <li>• The Rapid Deployment Team ensured evacuation of field office personnel and clients immediately after the earthquake incident.</li> <li>• The Disaster Response Management Division (DRMD) with the Admin Section conducted an initial inspection of the buildings to check structural integrity.</li> <li>• DSWD-FO III is continuously monitoring the status of the seven (7) provinces of field office III for any untoward incidents.</li> <li>• DSWD FO III requested technical support from the Department of Public Works and Highways (DPWH) for the inspection of the structural integrity of DSWD offices, buildings and center facilities.</li> </ul>

#### DSWD-FO MIMAROPA

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> <li>• Ongoing coordination with concerned offices for updates regarding damages and affected population.</li> </ul>

#### DSWD-FO V

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> <li>• Ongoing coordination with concerned offices for updates regarding damages and affected population.</li> </ul>



#### d. Photo Documentation

**27 JULY 2022**

DSWD Secretary Erwin T. Tulfo arrives in the Province of Abra to meet with the Provincial Officials, Heads of Offices and National Line Agencies Staff in the province.

Source: DSWD Field Office CAR



**27 JULY 2022**

DSWD Field Office I staff facilitates the delivery of food and non-food items in the Regional Warehouse intended for distribution to the families affected by the Mw 7.0 earthquake incident in Tayum, Abra.

Source: facebook.com/dswdfo1





**27 JULY 2022**

DSWD Secretary Erwin Tulfo arrives in Abra for immediate coordination with the Local Government Unit and delivery of assistance to the affected families caused by the Mw 7.0 earthquake in Abra.

Source: PIA Abra



**DSWD**  
Department of Social Welfare and Development

**DRMB**  
DISASTER RESPONSE  
MANAGEMENT BUREAU

**27 JULY 2022**

DSWD Disaster Response Management Bureau (DRMB) attends the Response Cluster Meeting with the National Disaster Risk Reduction and Management Council (NDRRMC) relative to the Mw 7.0 Earthquake that occurred in Tayum, Abra.



**DSWD**  
Department of Social Welfare and Development

**DRMB**  
DISASTER RESPONSE  
MANAGEMENT BUREAU



**27 JULY 2022**

DSWD Field Office I conducts Response Cluster Meeting relative to the Mw 7.0 Earthquake which originated in Tayum, Abra.



**27 JULY 2022**

DSWD Field Office CAR headed by Regional Director Arnel B. Garcia, CESO II, activates its Quick Response Team (QRT) on July 27, 2022 following the Mw 7.0 earthquake reported in Tayum, Abra. Disaster Response Management Division (DRMD) staff are stationed in a temporary emergency operations center.

Source: DSWD Field Office CAR





**27 JULY 2022**

In relation to the Mw 7.0 earthquake reported in Lagangilang, Abra today, a briefing was conducted with the Provincial Local Government Unit Heads, Provincial Officials and various agencies in the province of Abra (right) while the temporary Emergency Operations Center of Benguet is in place (left).

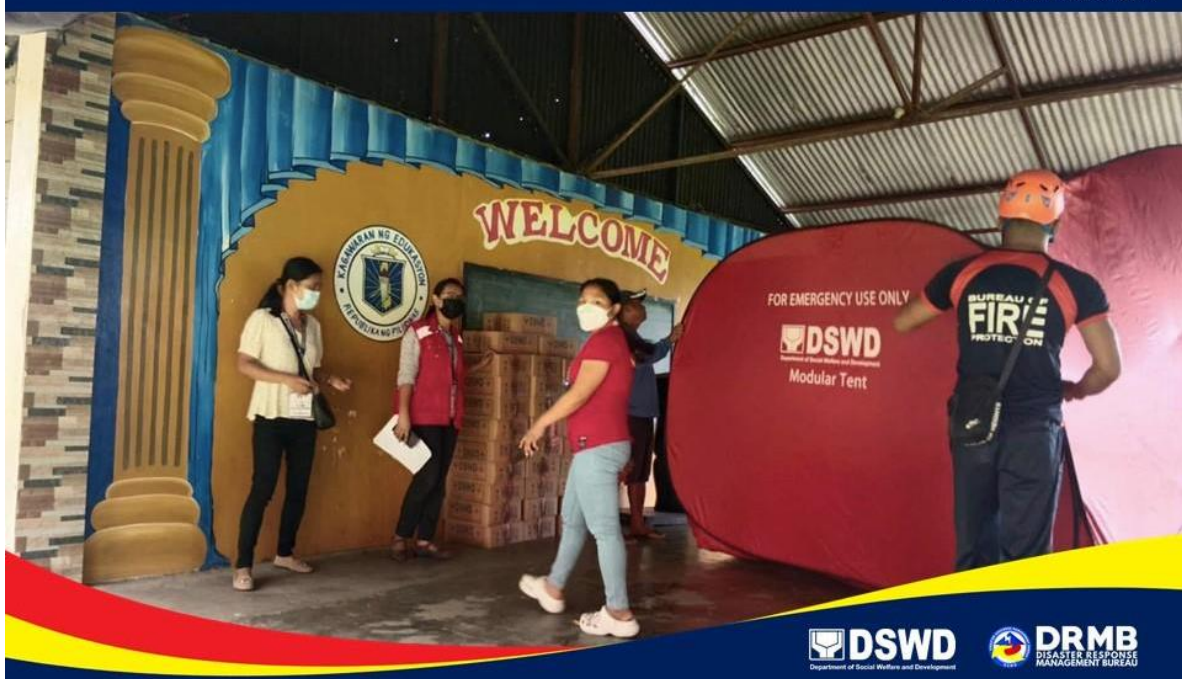
Source: DSWD Field Office CAR



**27 JULY 2022**

DSWD Field Office CAR facilitates the unloading of food and non-food items intended for the affected families by the Mw 7.0 earthquake in Villaviciosa, Abra.

Source: DSWD Field Office CAR





**27 JULY 2022**

DSWD Field Office CAR, in coordination with the Benguet 2nd Provincial Mobile Force Company, Samahang Ilocano, and Mendoza Haulers, helps in the hauling of the family food packs intended for the families affected by the Mw 7.0 earthquake in Abra.

Source: DSWD Field Office CAR



**27 JULY 2022**

DSWD Disaster Response Operations Monitoring and Information Center (DROMIC) coordinates with the DSWD Field Offices and prepares the DSWD DROMIC Report relative to the Mw 7.0 earthquake that occurred in Abra.

Source: DSWD Field Office CAR





**27 JULY 2022**

DSWD Field Office CAR headed by Regional Director Arnel B. Garcia, CESO II, Disaster Response Management Division OIC-Division Chief Marifil C. Jugal join the Emergency Meeting spearheaded by the Cordillera Regional Disaster Risk Reduction Management Council (RDRRMC) chaired by Office of the Civil Defense (OCD) Cordillera Regional Director Albert A. Mogol.

Source: DSWD FO CAR



**DSWD**  
Department of Social Welfare and Development

**DRMB**  
DISASTER RESPONSE  
MANAGEMENT BUREAU

**27 JULY 2022**

DSWD Field Office CAR, together with Municipal Social Welfare and Development Office and Bureau of Fire Protection facilitates the delivery of 200 family food packs intended to the families affected by the Mw 7.0 earthquake in the Municipality of Lagangilang, Abra.

Source: DSWD Field Office CAR



**DSWD**  
Department of Social Welfare and Development

**DRMB**  
DISASTER RESPONSE  
MANAGEMENT BUREAU



**27 JULY 2022**

DSWD Field Office CAR captures monitored incident: Landslide at Mayag, Bauko caused partial damage to St. Mark the Evangelist Chapel located in Sitio Kamanggan, Mayag, Bauko. Ongoing clearing operations by the community with the help from 1st MPPMFC, 2nd Maneuver Platoon and Bauko Municipal Police Station (MPS).

Source: PNP MP PIO



**27 JULY 2022**

DSWD Field Office CAR captures monitored incident via social media: In Pasil a landslide at Daldalakan, Malucsad-Magsilay road following the Mw 7.0 earthquake that hit Luzon at 8:43 AM today, July 27, 2022.

Source: PNP PCR Pasil



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*The Disaster Response Operations Monitoring and Information Center (DROMIC) of the DSWD-DRMB is closely coordinating with the concerned DSWD-FOs for any significant updates and actions taken relative to the Earthquake Incident.*

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