

DSWD DROMIC Report #3 on the Mw 7.0 Earthquake Incident in Tayum, Abra as of 28 July 2022, 6AM

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.

Date/Time:	27 Jul 2022 - 8:43:24 AM
Reported Intensities:	<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 & Guagua Pampanga; Bolinao, Sison & Infanta, Pangasinan; Bulakan, San Ildefonso, Guiguinto, Plaridel, and Malolos City, Bulacan; Tarlac City, Tarlac Intensity II - Dona Remedios Trinidad, Angat & Santa Maria, Bulacan; Tagaytay City, Cavite; Pasig City Metro Manila; Polillo, Gumaca & 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>
Expecting Damage:	YES
Expecting Aftershocks:	YES

Source: DOST-PHIVOLCS Earthquake Bulletin

II. Status of Affected Areas and Population

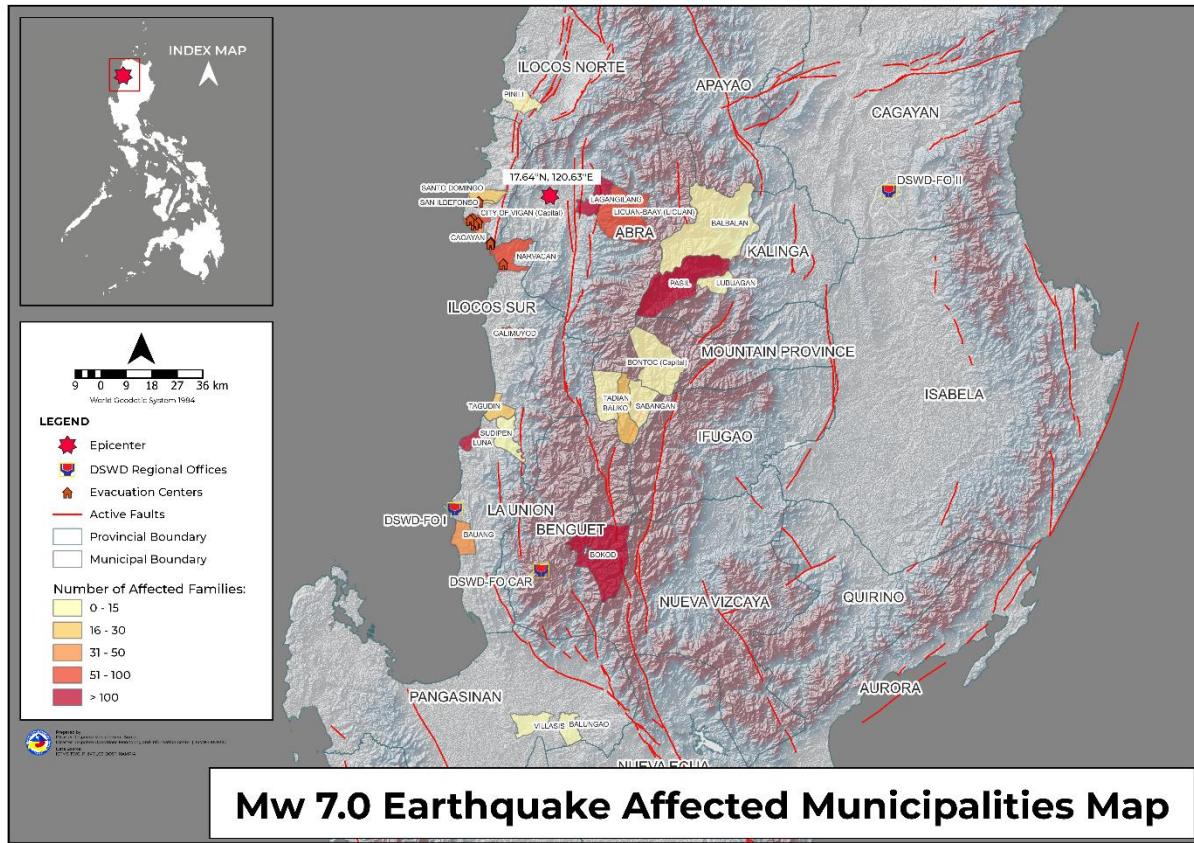
A total of **4,969 families** or **20,091 persons** are affected in **110 barangays** in **Region CAR** and **I** (see Table 1).

Table 1. Number of Affected Families / Persons

REGION / PROVINCE / MUNICIPALITY	NUMBER OF AFFECTED		
	Barangays	Families	Persons
GRAND TOTAL	110	4,969	20,091
REGION I	51	2,476	11,651
Ilocos Norte	1	1	4
Pinili	1	1	4
Ilocos Sur	25	1,771	8,813
Caoayan	2	50	253
Galimuyod	6	99	465
Narvacan	3	82	474
San Ildefonso	1	21	74
Santa	9	1413	7145
Santo Domingo	1	27	123
Tagudin	1	25	68
CITY OF VIGAN (Capital)	2	54	211
La Union	23	701	2,819
Bauang	9	32	142
Luna	13	663	2,641
Sudipen	1	6	36
Pangasinan	2	3	15
Balungao	1	2	10
Villasis	1	1	5
CAR	59	2,493	8,440
Abra	28	2,109	7,451
Bucay	9	1,496	4,954
Lagangilang	14	546	2,236
Licuan-Baay (Licuan)	5	67	261
Benguet	10	165	435
Bokod	10	165	435
Kalinga	5	172	402
Balbalan	1	2	8
Lubuagan	1	14	54
Pasil	3	156	340
Mountain Province	16	47	152
Bontoc (capital)	1	1	1
Bauko	7	26	100
Sabangan	6	9	37
Tadian	2	11	14

Note: Ongoing assessment and validation being conducted.

Source: DSWD Field Offices (FOs)



III. Status of Displaced Population

a. Inside Evacuation Center

There are **2,312 families** or **8,314 persons** currently taking temporary shelter at **31 evacuation centers** in **Region CAR and 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
GRAND TOTAL	32	31	2,339	2,312	8,437	8,314
REGION I	22	21	827	800	3,443	3,320
Ilocos Sur	18	17	568	541	2,417	2,294
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
Santa	1	1	215	215	762	762
Santo Domingo	1	-	27	-	123	-
Tagudin	1	1	20	20	55	55
CITY OF VIGAN (Capital)	3	3	54	54	211	211
La Union	4	4	259	259	1,026	1,026
Bauang	2	2	4	4	25	25
Luna	2	2	255	255	1,001	1,001
CAR	10	10	1,512	1,512	4,994	4,994

REGION / PROVINCE / MUNICIPALITY	NUMBER OF EVACUATION CENTERS (ECs)		NUMBER OF DISPLACED			
			INSIDE ECs			
			Families		Persons	
	CUM	NOW	CUM	NOW	CUM	NOW
Abra	9	9	1,502	1,502	4,984	4,984
<i>Bucay</i>	9	9	1,496	1,496	4,954	4,954
Mountain Province	1	1	10	10	10	10
<i>Tadian</i>	1	1	10	10	10	10

Note: Ongoing assessment and validation being conducted.

Source: DSWD FOs

b. Outside Evacuation Center

There are **413 families** or **1,657 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
GRAND TOTAL	413	413	1,657	1,657
REGION I	411	411	1,649	1,649
Ilocos Sur	5	5	13	13
<i>Tagudin</i>	5	5	13	13
La Union	406	406	1,636	1,636
<i>Luna</i>	400	400	1,600	1,600
<i>Sudipen</i>	6	6	36	36
CAR	2	2	8	8
Mountain Province	2	2	8	8
<i>Bauko</i>	1	1	4	4
<i>Tadian</i>	1	1	4	4

Note: Ongoing assessment and validation being conducted.

Source: DSWD FOs

c. Total Displaced Population

There are **2,725 families** or **9,971 persons** taking temporary 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
GRAND TOTAL	2,752	2,725	10,094	9,971
REGION I	1,238	1,211	5,092	4,969
Ilocos Sur	573	546	2,430	2,307
<i>Caoayan</i>	50	50	253	253
<i>Galimuyod</i>	99	99	465	465
<i>Narvacan</i>	82	82	474	474
<i>San Ildefonso</i>	21	21	74	74
<i>Santa</i>	215	215	762	762
<i>Santo Domingo</i>	27	-	123	-
<i>Tagudin</i>	25	25	68	68
<i>CITY OF VIGAN (Capital)</i>	54	54	211	211
La Union	665	665	2,662	2,662
<i>Bauang</i>	4	4	25	25
<i>Luna</i>	655	655	2,601	2,601

REGION / PROVINCE / MUNICIPALITY	TOTAL DISPLACED SERVED			
	Families		Persons	
	Total Families		Total Persons	
	CUM	NOW	CUM	NOW
<i>Sudipen</i>	6	6	36	36
CAR	1,514	1,514	5,002	5,002
Abra	1,502	1,502	4,984	4,984
<i>Bucay</i>	1,496	1,496	4,954	4,954
<i>Licuan-Baay (Licuan)</i>	6	6	30	30
Mountain Province	12	12	18	18
<i>Bauko</i>	1	1	4	4
<i>Tadian</i>	11	11	14	14

Note: Ongoing assessment and validation being conducted.

Source: DSWD FOs

IV. Damaged Houses

A total of **358 houses** were damaged; of which, **nine (9)** are **totally damaged** and **349** are **partially damaged** in **Region CAR and I** (see Table 5).

Table 5. Number of Damaged Houses

REGION / PROVINCE / MUNICIPALITY	NO. OF DAMAGED HOUSES		
	Total	Totally	Partially
GRAND TOTAL	358	9	349
REGION I	33	-	33
Ilocos Norte	1	-	1
<i>Pinili</i>	1	-	1
La Union	29	-	29
<i>Bauang</i>	29	-	29
Pangasinan	3	-	3
<i>Balungao</i>	2	-	2
<i>Villasis</i>	1	-	1
CAR	325	9	316
Abra	297	7	290
<i>Bucay</i>	243	7	236
<i>Licuan-Baay (Licuan)</i>	54	-	54
Mountain Province	28	2	26
<i>Bauko</i>	19	1	18
<i>Sabangan</i>	8	-	8
<i>Tadian</i>	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 **₱1,363,976,357.41** 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 **527,041 family food packs (FFPs)** amounting to **₱324,875,678.58**, **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	
TOTAL	328,969,834.36	527,041	324,875,678.58	212,258,326.63	497,872,517.84	1,363,976,357.41
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
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	32,395	16,801,743.56	6,279,587.05	42,302,110.90	70,383,441.51
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, 8PM.

Sources: DRMB and NRLMB

c. Food and Non-food Items

DSWD-FO CAR

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> DSWD FO CAR facilitated the loading of 3,900 FFPs, 10 family tents and 130 modular tents bound to Abra for prepositioning.

d. Camp Coordination and Camp Management

DSWD-FO CAR

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> DSWD FO CAR provided technical assistance to the partner LGUs.

e. Other Activities

DSWD-DRMB

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> 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 DSWD-DRMB is on standby response support assets from non-affected DSWD-FOs. 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"> 5,000 FFPs/region 2,000 Hygiene Kits/region 1,000 Sleeping Kits/region 1,000 Kitchen Kits/region 1,000 Family Tents/region (sourced from DSWD FO CALABARZON) DSWD-DRMB facilitates the P15 million fund augmentation to DSWD-FO I and CAR for urgent food and NFI relief requirements.

DSWD-FO NRLMB

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

DSWD-FO NCR

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

DSWD-CAR

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> DSWD FO CAR activated Quick Response Team #35. DSWD FO CAR activated Quick Response Team in the PAT-Abra, Benguet, Kalinga and Mountain Province. Psychosocial Support Processing (PSP) Team is on standby for possible deployment. DSWD FO CAR Public Service Continuity Plan is activated. DSWD FO CAR is continuously coordinating with partner agencies on significant updates.

DSWD-FO I

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> • DSWD FO I is on Red Alert Status. • Augmentation of 2,500 Family Food Packs (FFPs) were delivered to NRLMB Central Office. • Additional augmentation from NRLMB Central Office of 5,000 FFPs, 2,000 hygiene kits, 1,000 sleeping kits, 1,000 kitchen kits and 1,000 family tents were scheduled for delivery. • DSWD FO I is closely coordinating with the DOST – PHIVOLCS and the Regional Disaster Risk Reduction, Management Council 1 (RDRRMC1), and Provincial Action Teams to monitor and gather updates regarding the affected population and damages brought by the earthquake incident. • 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. • DSWD FO I staff are on standby for possible augmentation. Likewise, the field office ensures availability and readiness of resources.

DSWD-FO II

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> • 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. • DSWD FO II is in close coordination with the SWADTs and MATs in their area of responsibility for updates. • DSWD FO II is in close coordination with the status of MAGAT Dam through its SWADTs. • DSWD FO II ensures ready logistics and family food packs to be extended in case there are families affected. • DSWD FO II already arranged two (2) teams ready for deployment in case FOs CAR and I need human resource augmentation.

DSWD-FO CALABARZON

DATE	SITUATIONS / ACTIONS UNDERTAKEN
27 July 2022	<ul style="list-style-type: none"> • DSWD FO CALABARZON is continuously monitoring and coordinating with RDDRM CALABARZON, Batangas PDRMO, PSWDO and LGUs for updates relative to the earthquake situation and with the Office of the Civil Defense IV-A and NRLMB for logistics support and workforce.

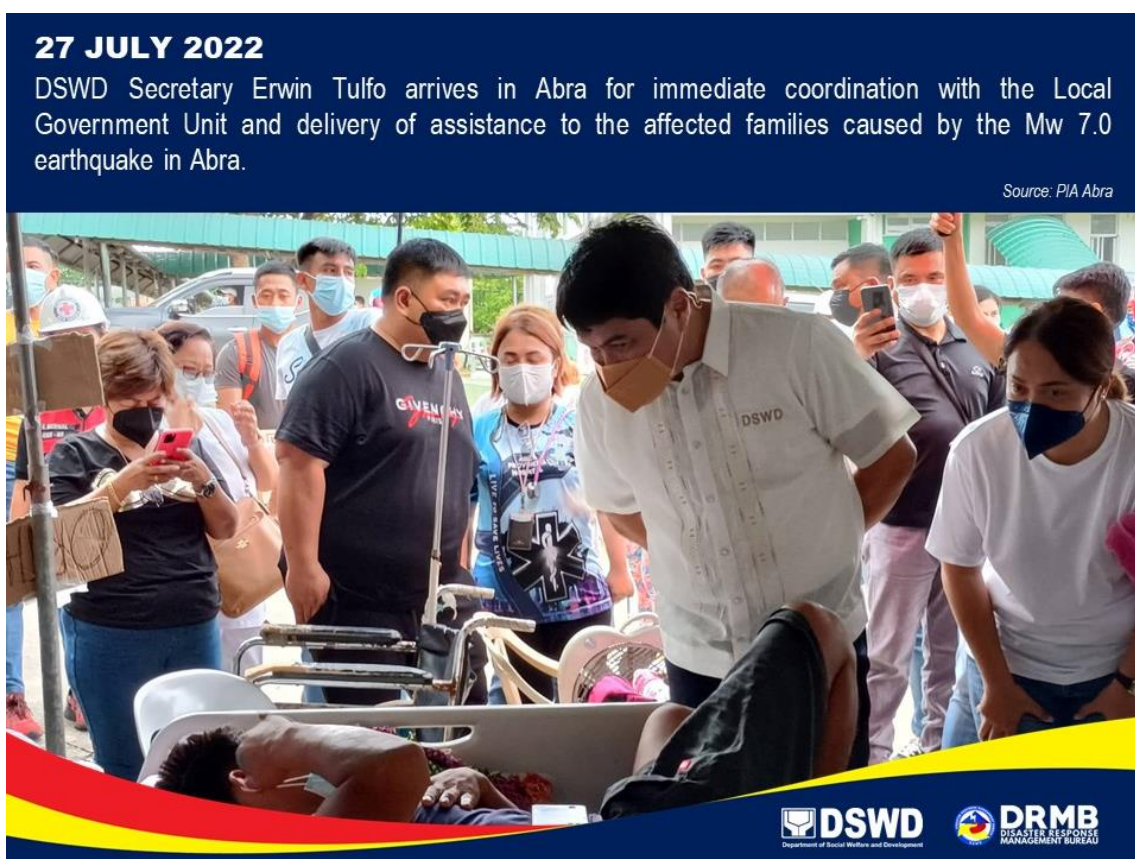
DSWD-FO MIMAROPA

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

DSWD-FO V

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

f. 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 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

National Disaster Risk Reduction and Management Council (NDRRMC) resumes coordination meeting with Regional DRRMCs for latest updates on the effects of 7.0 Magnitude Earthquake that struck Northern Luzon

Source: <https://www.facebook.com/NDRRMC>



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 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.



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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