



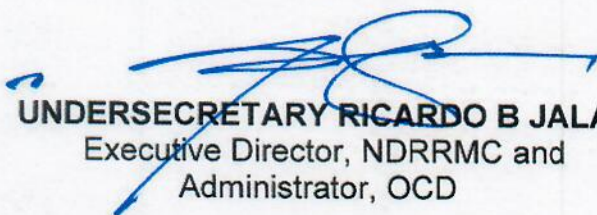
REPUBLIC OF THE PHILIPPINES  
**NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL**

National Disaster Risk Reduction and Management Center, Camp Aguinaldo, Quezon City, Philippines

**NDRRMC UPDATE**

**SitRep No. 10 re Magnitude 6.6 Earthquake in Cataingan, Masbate**

**Releasing Officer:**

  
**UNDERSECRETARY RICARDO B JALAD**  
 Executive Director, NDRRMC and  
 Administrator, OCD

**DATE : 10 September 2020, 8:00 AM**

*Sources: DOST-PHIVOLCS, DPWH, DSWD, DepEd, and OCDROs CALABARZON, V, VI, VII, VIII, and X*

**I. SITUATION OVERVIEW**

- An earthquake with a Magnitude of 6.6 occurred in **Cataingan, Masbate** with the following details:

<b>Date/Time</b>	18 August 2020 - 08:03:47 AM
<b>Location</b>	11.98°N, 124.01°E - 005 km S 20°E of Cataingan (Masbate)
<b>Depth of Focus (Km)</b>	013
<b>Origin</b>	TECTONIC
<b>Magnitude</b>	Mw 6.6
<b>Expecting Damage</b>	YES
<b>Expecting Aftershocks</b>	YES
<b>Issued on</b>	18 August 2020 - 09:30 AM
<b>Reported Intensities</b>	Intensity VII – Cataingan and Pio V. Corpuz, Masbate Intensity VI - Palanas, Dimasalang, Placer, and Esperanza, Masbate Intensity V – Masbate City, Cawayan, Baleno, Aroroy, and Mobo, Masbate; Almagro and Tagapul-an, Samar Intensity IV – San Jacinto, Masbate; Almeria, Naval, Cabucgayan, Caibiran, Culaba, Kawayan, Maripipi, and Biliran, Biliran; Catarman, Mapanas, and Palapag, Northern Samar; Iriga City and Baao, Camarines Sur; Ormoc City, City of Tacloban, Babatngon, Barugo, Capoocan, Dagami, Dulag, Jaro, Julita, Kananga, La Paz, Palo, Pastrana, Tanauan, Tolosa, and Leyte, Leyte; Bulusan, Irosin, and Sorsogon City, Sorsogon; Ligao City and Legazpi City Albay; San Andres, Quezon; Cebu City; Bantayan, Madrideojos, Santa Fe, and Talisay City, Cebu; Ivisan and Roxas City, Capiz; Kalibo, Aklan; Sagay City, Negros Occidental Intensity III – San Pascual, Milagros, and Claveria, Masbate; Catbalogan City, Samar; City of Baybay, Abuyog, Hilongos, Isabel, Javier, and Matalom, Leyte; Naga City; Goa and San Jose, Camarines Sur; Panganiban, Catanduanes; Mulanay, Quezon; San Julian and Balangiga, Eastern Samar; Batan, Makato, Malinao, New



	Washington, Numancia, and Tangalan, Aklan; City of Iloilo; Bacolod City; Bago City, Kabankalan City, Victorias City, and Binalbagan City, Negros Occidental; Daanbantayan, Cebu Intensity II - President Roxas, Capiz; Ibayay, Lezo, and Nabas, Aklan; Patnongon, San Jose de Buenavista, and Tibiao, Antique; Daet, Camarines Norte; Virac, Catanduanes; Guinayangan and Lopez, Quezon; Lapu-Lapu City; Mandaue City; City of Bogo, Cordova, Pinamungajan, and Sogod, Cebu; La Carlota City, Negros Occidental; Candijay, Bohol Intensity I –Dumaguete City, Negros Oriental; Sibalay City, Negros Occidental
<b>Instrumental Intensities</b>	Intensity V – Masbate City, Masbate Intensity IV – Naval Biliran; Palo, Leyte; Legazpi City, Albay; Iriga City, Camarines Sur; Roxas City, Capiz; Iloilo City Intensity III – Bago City, Negros Occidental; Malinao, Aklan; Pandan, Antique; Jamindan and Tapaz, Capiz; Ormoc City Intensity II – Gumaca, Quezon; Sipocot, Camarines Sur; San Jose de Buenavista and Valderrama, Antique; Lapu-Lapu City; La Carlota City and Sibalay City, Negros Occidental; San Francisco, Cebu; Talibon, Bohol Intensity I – Ibayay and Malay, Aklan; Gingoog City, Misamis Oriental

Source: PHIVOLCS Earthquake Information No. 3 issued on 19 August 2020, 1:59 PM

- No tsunami threat exists based on available data.
- On 19 August 2020, 5:50 AM, a strong aftershock with a magnitude of Ms 5.2 was recorded at 11.92°N, 124.04°E - 012 km S 27° E of Cataingan, Masbate.

## II. EFFECTS

### A. AFFECTED POPULATION

A total of **1,524 families / 6,474 persons** were affected by the earthquake in **58 barangays** in the Province of Masbate. Of which, **327 family / 1,327 persons** stayed in **15 evacuation centers** while **10 families / 42 persons** took shelter with their relatives. To date, there are no more families staying at the temporary shelters.

REGION /PROVINCE/ MUNICIPALITY	NUMBER OF AFFECTED			NO. OF ECs	NUMBER OF DISPLACED			
	BRGY	FAM	PERS		INSIDE ECs		OUTSIDE ECs	
					FAM	PERS	FAM	PER
<b>GRAND TOTAL</b>	<b>58</b>	<b>1,524</b>	<b>6,474</b>	<b>15</b>	<b>327</b>	<b>1,327</b>	<b>10</b>	<b>42</b>
<b>REGION V</b>								
<b>Masbate</b>	<b>58</b>	<b>1,524</b>	<b>6,474</b>	<b>15</b>	<b>327</b>	<b>1,327</b>	<b>10</b>	<b>42</b>
Cataingan	27	929	3,928	11	164	678	10	42
Cawayan	2	10	50					
Esperanza	3	13	56					
Palanas	12	205	933	-	-	-		
Pio V. Corpuz (Limbuhan)	14	367	1,507	4	163	649		

Source: DSWD Dromic Terminal Report on Mg 6.6 Earthquake in Cataingan, Masbate 09 September 2020, 4:00 PM

NOTE: The change in the figure is based on the final report submitted by DSWD Field Office Region V

### B. CASUALTIES

A total of **one (1) dead** and **50 injured** persons were reported in the Province of Masbate.

\*Source: OCD/RDRRMC V and DOH V

\*Note: Subject for further validation and verification



## C. DAMAGE REPORT

### 1. Damaged Houses

A total of **1,305** houses were reported damaged (**138**- totally / **1,167**- partially) in the Province of Masbate.

*Note: The change in the number of partially damaged houses is based on assessment and validation.*

AREA	TOTALLY	PARTIALLY
Cataingan	112	684
Cawayan	-	10
Esperanza	-	13
Palanas	10	196
Pio V Corpuz	16	264
<b>Grand Total</b>	<b>138</b>	<b>1,167</b>

Source: DSWD Dromic Terminal Report on Mg 6.6 Earthquake in Cataingan, Masbate 09 September 2020, 4:00 PM

### 2. Damaged Schools (TAB A)

A total of **86** schools were reported damaged in the Province of Masbate.

Sources: DepEd Final SitRep re 6.6 Magnitude Earthquake in Cataingan, Masbate as of 26 August 2020 and OCD V SitRep No. 11 issued 28 August 2020

### 3. Other Infrastructure

Damage to public structures were reported in the Provinces of Masbate (REGION V) and Samar (REGION VIII).

REGION/PROVINCE/ MUNICIPALITY/CITY	INFRASTRUCTURE	REMARKS
<b>REGION V</b>		
<b>Masbate</b>		
Cataingan	Cataingan Astrodome and Municipal College	101 LSIs quarantined were relocated due to visible cracks in the facility.
	Cataingan District Hospital	Patients were evacuated outside the facility.
	Concrete road and docking area of Cataingan Port	-
	Public Attorney's Office Building	-
	Old and New Cataingan Public Market	-
	Cataingan Municipal Police Station	-
Dimasalang	DPWH Masbate 3rd DEO Building	Damages on walls, partitions, tiles, and glass door
	Dimasalang Port	Damaged concrete pavement
Palanas	Palanas Police Station Building	Damaged on columns, walls, and partitions
<b>REGION VIII</b>		
Samar	McDonald's, Gaisano Grand Mall, Calbayog City	Glass Panel

*Note: Ongoing assessment and validation is being conducted.*





Source: Philippine Information Agency, Region V

#### 4. Cost of Damage

A total of **₱27,460,000.00** cost of damage to infrastructure was incurred in Region V due to the earthquake.

AREA	ROADS & BRIDGES (₱)	OTHER INFRASTRUCTURE (₱)	TOTAL (₱)
Masbate	14,610,000.00	12,350,000.00	26,960,000.00
Camarines Sur	500,000.00	-	500,000.00
<b>TOTAL</b>	<b>15,110,000.00</b>	<b>12,350,000.00</b>	<b>27,460,000.00</b>

Source: DPWH SitRep on Major Roads and Bridges due to 6.5 Earthquake in Masbate as of 19 August 2020, 7:00 PM

## D. STATUS OF LIFELINES

### Roads and Bridges

A total of **six (6) road sections and seven (7) bridges** in the **Provinces of Masbate and Camarines Sur** were reported damaged due to the incident. Warning signs were installed to inform motorists. As of 18 August 2020, **all roads and bridges were declared passable.**



Source: DPWH

Roads/Bridges	Status	Remarks
<b>Masbate-Cataingan-Placer Road</b>		
1. K0077+150, Domorog, Cataingan, Masbate	Passable	Damaged asphalt pavement. Installed road warning signs and road safety devices
2. K0034+920 – K0036+000 Quezon, Uson, Masbate	Passable	Damaged concrete pavement. Installed warning signs and road safety devices
3. K0062+547, Nabangig Bridge, Nabangig, Palanas, Masbate	Passable	Damage to expansion joint and asphalt pavement. Installed warning signs and road safety devices
4. K0070+680, San Pedro, Cataingan, Masbate	Passable	Transverse cracks on road section. Installed warning signs and road safety devices.
5. K0070+420, Gahit Bridge, Gahit, Cataingan, Masbate	Passable	Minor cracks noted
6. K0085+150-K0085+250, Matangtang, Placer, Masbate	Passable	Longitudinal cracks on asphalt pavement. Installed warning signs and road



		safety devices.
7. K0035+040, Pinangapugan Bridge, Quezon, Uson, Masbate	Passable	Damaged abutment, cross girder, expansion joint and curb. Installed road warning signs and road safety devices.
8. K0022+080, Nipa Bridge, Nipa, Palanas, Masbate	Passable	Damaged slope protection of abutment A&B. Installed road warning signs and road safety devices
9. K0022+322, Impapanan Bridge, Armenia, Uson, Masbate	Passable	Damaged pile cap (jacketing) and slope protection. Installed road warning signs and road safety devices
10. K0022+080, Marcella Bridge, Marcella, Uson, Masbate	Passable	Damaged girder. Installed road warning signs and road safety devices
<b>Cataingan – Poblacion Road</b>		
11. K0075+836, Poblacion, Cataingan, Masbate	Passable	Damaged box culvert. Installed road warning signs and road safety devices
<b>Camarines Sur 5<sup>th</sup> DEO</b>		
12. Nabua – Balatan Road	Passable	
13. K0482+425, Panganiban Bridge, Nierva, Nabua, Camarines Sur	Passable	Minor damage at bank protection of Panganiban bridge. Installed road warning signs and road safety devices

Source: DPWH SitRep on Major Roads and Bridges due to 6.5 Earthquake in Masbate as of 19 August 2020, 7:00 PM

### III. DISASTER RESPONSE

#### A. NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

##### 1. National Disaster Risk Reduction and Management Operations Center (NDRRMOC)

- a. Immediately disseminated Earthquake Information Nos. 1 and 2 to concerned OCD Regional Offices and other stakeholders through facsimile, Short Messaging System (SMS), website, and twitter account for further dissemination to their respective local DRRMCs. Moreover, advised the Regions to undertake precautionary measures and to monitor the situation for possible effects of the earthquake particularly in areas with reported intensities.
- b. Prepared the Emergency Alert and Warning Message (EAWM) for dissemination of Telecommunications Companies (TELCOs) to the affected areas.
- c. Disseminated Tsunami Information to concerned stakeholders through SMS.
- d. Continuous coordination with PHIVOLCS regarding the earthquake.

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

- a. Disseminated Earthquake Information No. 1 and 2 and Tsunami Information No. 1.
- b. Continuous monitoring of significant earthquake activity/development.

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

- a. The DSWD Central Office, Field Offices, and National Resource Operations Center have prepositioned stockpiles and standby funds amounting to **₱1,503,322,272.24** with breakdown as follows:



- **Standby Funds:** A total of **₱663,107,684.85** standby funds in the CO and FOs. Of the said amount, **₱619,916,550.34** is the available Quick Response Fund (QRF) in the CO.
  - **Stockpiles:** A total of **292,941** family food packs (FFPs) amounting to **₱144,009,440.44**, other food items amounting to **₱219,165,266.40**, and non-food items (NFIs) amounting to **₱447,209,118.30** are made available.
- b. The Disaster Response Management Bureau (DRMB) raised its alert status to BLUE.
  - c. DSWD-DRMB Disaster Operations and Support Division (DOSD) continuously facilitates the downloading of funds to DSWD-Field Offices.
  - d. DSWD-DRMB Preparedness and Response Division (PRD) in coordination with other DRMB divisions and concerned offices, is continuously monitoring and updating the status of the standby funds.
  - e. DSWD-DRMB DOSD in coordination with other DRMB division and concerned offices, is continuously facilitating the replenishment of the standby funds.
  - f. DSWD-DRMB is continuously coordinating with DSWD-FO V for significant disaster response updates.
  - g. Placed all QRT members and emergency equipment on standby and ready for deployment.

#### 4. Department of Public Works and Highways (DPWH)

- a. Continuous monitoring of national roads and bridges.
- b. Provided warning signages and ongoing post-earthquake assessment on national roads and bridges.

#### 5. Southern Luzon Command, AFP

- a. Humanitarian Assistance Disaster Relief (HADR) and medical teams proceeded to Masbate City for possible Search and Rescue operations in the Municipalities of Cataingan and Palanas, Masbate.
- b. Provided one (1) aircraft at Masbate Airport for the conduct of Rapid Damage and Needs Assessment (RDANA).

#### 6. Department of Education (DepEd)

- a. Furnished the Preparedness Measures for Earthquake to the regions and divisions through the social media platform.
- b. Coordinated with DRRM focal persons of affected regions and division for field situations and reports on infrastructure and non-infrastructure damages through submission of Rapid Assessment of Damages Report (RADaR).
- c. Continuously sent advisories and situation reports to the affected regions and divisions, and DepEd ExeCom.

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

RDRRMCs **CALABARZON, V, VI, VII, VIII, and X** are continuously monitoring their respective Areas of Responsibility (AOR). Further, said RDRRMCs are in continuous coordination with their member agencies to ensure appropriate response actions, and widest dissemination of Earthquake Information through all means of communication.

#### 1. RDRRMC CALABARZON

- a. OCD CALABARZON



Continuously coordinated with PDRRMO Quezon and MDRRMOs to monitor their respective AOR and for any updates relative to the incident.

**b. DPWH CALABARZON**

Conducted assessment of national roads and bridges.

**c. PDRRMOs**

- Continuous coordination with MDRRMOs to monitor their respective AOR.
- Continuous conduct monitoring and assessment within AOR.

**MDRRMOs Gumaca, Lopez, and Mulanay, Quezon**

- Conducted assessment and validation on the possible effects of the earthquake.
- Continuously monitoring of AOR.

**2. RDRRMC V**

**a. OCD V**

- Coordinated with PHIVOLCS and Provincial Disaster Risk Reduction and Management Offices (PDRRMOs).
- Disseminated information relative to the earthquake through social media.
- Conducted aerial assessment at the 3<sup>rd</sup> District of Masbate.
- Provided 550 shelter repair kits, 400 hygiene kits from ASEAN, and 4,000 PPEs to Masbate.
- Provided media information through interviews

**b. DSWD FO V**

- Provided initial report of the incident.
- DSWD V prepositioned stockpiles and standby funds as of 19 August 2020 detailed as follows:
  - A total of 21,602 food packs amounting to ₱8,786,604.04 and raw materials which include 82,000kgs NFA rice, 36,028 tins of Gold Cup Sardines, 36,028 tins of corned beef, and 115,741 sachet coffee amounting to ₱3,751,568.03 are available at DSWD Warehouse.
  - Non-food items containing 47 sets of tents, 5,494 boxes of sleeping kits, 1,089 boxes of family kits, 3,673 kitchen kits, 34,941 pcs of Malong, 910 rolls laminated sacks, 1,514 (10 meters) and 21,330 pcs blanket amounting to ₱24,824,032.90
  - Standby funds amounting to ₱3,001,050.00 to augment the response operation.

Location of Warehouse Area	No. of Family Food Packs
Bogtong, Legazpi City	20,914
Daet, Camarines Norte	2
Tigaon, Camarines Sur	505
Tugbo, Masbate City	181
<b>Total</b>	<b>21,602</b>

- Conducted assessment to identify the needs/requirements of the affected areas for possible augmentation.
- Resource Operation Section ensured the availability of FFPs and NFIs as the need arises.
- DRMD V continuously monitor the updates and information.
- Activated PAT and MAT members in Masbate and instructed to coordinate with the P/MDRRMOs and C/MSWDOs relative to the 6.5 Magnitude Earthquake reports and updates.



- Released 1,103 family food packs amounting to ₱590,478.36 as augmentation support to the Municipality of Cataingan, Palanas and Pio V. Corpuz .
- Transported additional 1,000 family food packs amounting to ₱412,980.00 to Masbate in coordination with the Philippine Navy.
- Extended financial assistance through AICS to 65 families with totally damaged houses (₱5,000 / family) in the Municipalities of Cataingan, Pio V. Corpuz, and Palanas amounting to a total of ₱325,000.00.
- Transported 400 family food packs, 10 family tents, and 100 rolls laminated sacks worth ₱705,968.36 as augmentation to the affected LGUs,
- Released 150 family food packs worth ₱70,500.00 as augmentation support to the affected families in the Municipality of Pio V. Corpuz.
- Conducted Critical Incident Stress Debriefing (CISD) to the affected residents of Brgy. Matayum.

**c. DOH RO V**

- Coordinated with PDO and PHO Masbate relative to the incident.
- Placed Emergency Response Team on standby for possible deployment.
- Posted advisories through DOH CHD Bicol Official Social Media Page.
- Prepositioned a total of ₱50,000.00 worth of medicines to PDO and PHO Masbate, and 100 pcs of hygiene kits to PDO Masbate.
- PDO Masbate closely coordinated with M/CHO, PDRRMO Masbate, and PHO HEMS for any update regarding the incident and conducted Rapid Health Assessment in the municipality of Cataingan.
- PHO Masbate deployed medical team to the Municipality of Cataingan.
- RHU Cataingan assisted in the relocation of LSIs quarantined at CMC and Cataingan Astrodome.
- RHU Cataingan assisted and provided first aid to patients and also helped the MDRRMO in the preparation of damage report relative to the quarantine facility.
- RHU Cataingan conducted facility assessment in 36 barangays of the municipality.

**d. DA RFO V**

- Conducted initial inspection of agricultural facility in Masbate City.
- Mobilized team for field validation of agricultural infrastructures and commodities affected by the earthquake.

**e. DEPED V**

Conducted initial assessment of damages to schools.

**f. BFP RO V, PNP RO V, and PNP RO V**

- Conducted SRR at the affected municipalities.
- Continuously monitoring any incident within the AOR.

**g. TOG5-PAF and 2IB Philippine Army**

Conducted aerial assessment at the 3<sup>rd</sup> District of Masbate.

**h. PNP PRO V**

Masbate PPO

- Activated their Emergency Operation Center
- Conducted Search, Rescue and Retrieval operations particularly in the Municipality of Cataingan and other affected areas in the 3<sup>rd</sup> District of Masbate
- Initially reported casualties on the said incident.



#### **i. PDRRMC Masbate**

- Conducted aerial assessment at the 3<sup>rd</sup> District of Masbate.
- Provided initial report on the effects of the earthquake.
- Local DRRM Offices attended to the medical needs of the people in the affected areas.

#### **j. PDRRMC Sorsogon**

- Provided report on the effects of earthquake in Sorsogon including reports from MDRRMOs of Bulan and Pilar.
- Coordinated with PHIVOLCS regarding the earthquake
- Disseminated information to all LDRRMOs about the 6.6 Magnitude Earthquake, the effects per AOR and advised to submit damage assessment reports.

### **3. RDRRMC VI**

- a. Issued RDRRMC Memorandum No. 167, s. 2020 regarding Assessment of Structural Integrity of Infrastructures in AOR due to the Magnitude 6.6 Earthquake in Masbate.
- b. Coordinated with the affected LGUs to monitor the effects of the earthquake within its respective AOR.

### **4. RDRRMC VII**

Coordinated with PHIVOLCS Region VII and Local DRRMOs in Talibon, Bohol and San Francisco, Cebu.

### **5. RDRRMC VIII**

#### **a. OCD VIII**

Coordinated with concerned Local Government Units (LGUs) and continuously monitors the incident.

#### **b. PDRRMCs Leyte, Biliran, Samar, Northern Samar, and MDRRMO Mapanas**

- Ongoing ocular inspection within the AOR and coordinated with LGUs.
- Closely monitoring the incident within the AOR.

#### **c. CDRRMCs Catbalogan, Calbayog, MDRRMC Paranas, Daram, Sta. Rita, San Jorge, Marabut, and Almagro, Samar**

Conducted ocular inspections in the affected areas.

#### **d. MDRRMC San Jose de Buan, Samar**

- Conducted ocular inspection in the affected areas.
- Ongoing assessment in far-flung areas.

### **6. RDRRMC X**

- a. Coordinated with LGU Gingoog City regarding the incident and verified reports with PHIVOLCS.
- b. Closely monitoring the incident within the AOR.

### **C. Cost of Assistance**

A total of **₱2,869,898.36 worth of assistance** was provided by DSWD and OCD to the affected families.



REGION / PROVINCE / MUNICIPALITY	COST OF ASSISTANCE		TOTAL
	DSWD	OCD	
<b>GRAND TOTAL</b>	<b>590,478.36</b>	<b>2,279,420.00</b>	<b>2,869,898.36</b>
<b>REGION V</b>	<b>590,478.36</b>	<b>2,279,420.00</b>	<b>2,869,898.36</b>
<b>Masbate</b>	<b>590,478.36</b>		
<i>Cataingan</i>	<i>366,058.60</i>		
<i>Palanas</i>	<i>83,419.76</i>		
<i>Pio V. Corpuz (Limbahan)</i>	<b>141,000.00</b>		

Sources: DSWD Dromic Report No. 9 on Mg 6.6 Earthquake in Cataingan, Masbate as of 29 August 2020, 6:00 PM and OCDV SitRep 11 re Mg 6.6 Earthquake in Masbate