



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

Final Report re Flashflood and Landslide Incidents in Davao Oriental (REGION XI) (22 January 2019)

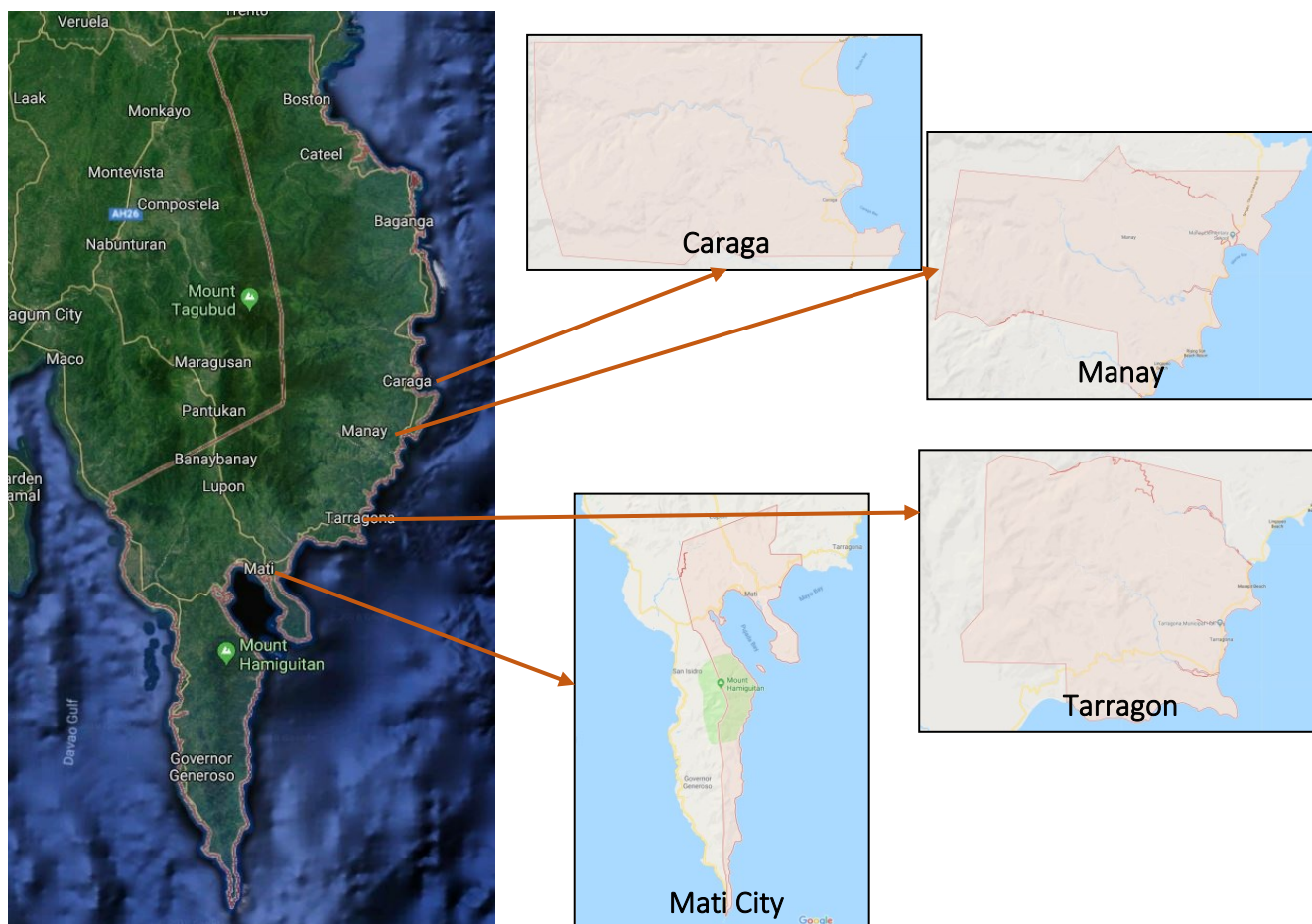
Releasing Officer:

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

Sources: DOST-PAGASA, DSWD, and OCD XI

I. SITUATION OVERVIEW

On 22 January 2019, flashflood and landslide incidents occurred in the Municipalities of Caraga, Manay, Tarragona, and Mati City, in Davao Oriental due to localized thunderstorms resulting to continuous moderate to heavy rains.



II. EFFECTS

A. AFFECTED POPULATION

A total of **21,356 families / 106,475 persons** were affected in 31 barangays in the Municipalities of Caraga, Manay, and Tarragona in Davao Oriental.

PROVINCE / MUNICIPALITY / CITY	NO. OF AFFECTED			No. of ECs	SERVED POPULATION			
	Brgys.	Families	Persons		INSIDE ECs		OUTSIDE ECs	
					Families	Persons	Families	Persons
GRAND TOTAL	<u>31</u>	<u>21,356</u>	<u>106,475</u>	-	-	-	<u>21,356</u>	<u>106,475</u>
Davao Oriental	31	21,356	106,475	-	0	0	21,356	106,475
<i>Caraga</i>	8	4,440	22,200	-	-	-	4,440	22,200
<i>Manay</i>	17	13,631	68,155	-	-	-	13,631	68,155
<i>Tarragona</i>	6	3,285	16,120	-	-	-	3,285	16,120

Source: DSWD DROMIC Report #5 on Flash floods in Davao Oriental as of 13 February 2019, 6:00 PM

B. CASUALTIES

A total of **two (2) dead, two (2) injured and one (1) missing persons** were reported in Barangay San Ignacio, Manay, Davao Oriental.

NAME	AGE / GENDER	REMARKS
DEAD – 2		
1. Luzminda Magbutong	38 y.o.	Previously reported missing
2. Ariane Magbutong	9 y.o.	
INJURED – 2		
1. Adrian Magbutong	40 y.o.	
2. Rhea Magbutong	5 y.o.	
MISSING – 1		
1. Marilyn Mandaguio	38 y.o.	

Source: OCD XI

C. DAMAGED HOUSES

A total of **two hundred fifty-three (253) damaged houses** were reported, of which **86 are totally damaged and 167 are partially damaged**, shown as follows:

PROVINCE/MUNICIPALITY/CITY	NO. OF DAMAGED HOUSES		
	Partially	Totally	Total
Davao Oriental	167	86	253
<i>Caraga</i>	5	5	10
<i>Manay</i>	137	81	216
<i>Tarragona</i>	27	-	27

Source: DSWD DROMIC Report #5 on Flash floods in Davao Oriental as of 13 February 2019, 6:00 PM

D. STATUS OF LIFELINES

- **Powerlines**

Power interruption was experienced in the **Municipalities of Tarragona and Manay, Davao Oriental** affecting **10 barangays**.

PROVINCE/ MUNICIPALITY/ CITY	BARANGAY	DATE AND TIME INTERRUPTED	DATE AND TIME RESTORED
Davao Oriental			
<i>Manay</i>	Brgy. Holy Cross	22 January 2019	23 January 2019
	Brgy. Macopa	22 January 2019	23 January 2019
	Brgy. Concepcion	22 January 2019	23 January 2019, 10:00 AM
	Brgy. Cayawan	22 January 2019	23 January 2019, 10:00 AM
	Brgy. Tawcanga	22 January 2019	23 January 2019, 10:00 AM
	Brgy. Guza	22 January 2019	23 January 2019, 10:00 AM
	Brgy. Monrezo	22 January 2019	23 January 2019, 2:00 PM
	Brgy. San Fermin	22 January 2019	23 January 2019, 2:00 PM
	Brgy. Central	22 January 2019	23 January 2019, 2:00 PM
<i>Tarragona</i>	All Barangays	22 January 2019	23 January 2019, 10:00 PM

Source: OCD XI

- **Water Supply**

A total of **three (3) Barangays** in Davao Oriental experienced water supply interruption. On 23 January 2019, water supply are restored.

PROVINCE/ MUNICIPALITY/ CITY	BARANGAY	DATE AND TIME INTERRUPTED	DATE AND TIME RESTORED
Davao Oriental			
<i>Caraga</i>	Brgy. Santiago	22 January 2019	24 January 2019
	Brgy. San Jose	22 January 2019	22 January 2019
<i>Tarragona</i>	Brgy. Central	22 January 2019	23 January 2019, 8:00 AM

Source: OCD XI

- **Roads and Bridges**

A total of **fourteen (14) roads and two (2) bridges** were affected in Davao Oriental. All roads and bridges are passable as of 24 January 2019.

PROVINCE/ MUNICIPALITY/ CITY	BARANGAY	ROADS/ BRIDGES	STATUS
Davao Oriental			
<i>Mati City</i>	Lawigan	Barangay Road	Passable as of 22 January 2019
	Mayo	National Road	Passable as of 22 January 2019
<i>Tarragona</i>	Brgy. Maganda	Municipal Road	Passable as of 24 January 2019
	Brgy. Central	Municipal Road	Passable as of 22 January 2019
<i>Baganga</i>	Binondo	Municipal Road	Passable as of 22 January 2019
	Mahan-ub	Municipal Road	Passable as of 22 January 2019
<i>Caraga</i>	Santiago	Municipal Road	Passable as of 22 January 2019
	Brgy. Mercedes	Brgy. Road	Passable as of 22 January 2019
	Purok Lib-og	Brgy. Road	Passable as of 22 January 2019
	Purok Palscam	Brgy. Road	Passable as of 22 January 2019
	Purok Mansanas	Bridge	Passable as of 22 January 2019
<i>Manay</i>	San Ignacio	Panlubugan Bridge	Passable as of 22 January 2019
	Guza	Municipal Road	Passable as of 22 January 2019
	Rizal	Municipal Road	Passable as of 22 January 2019
	San Isidro	Municipal Road	Passable as of 22 January 2019
	Old Macopa	Brgy. Road	Passable as of 23 January 2019

Source: OCD XI

E. COST OF DAMAGE

- **Infrastructure**

An estimated **₱25,000,000.00** cost of damage to a road infrastructure in Manay was reported.

Source: OCD XI

- **Agriculture**

The estimated cost of damage to livestock, crops, and fisheries was pegged at **₱5,473,316.00**.

REGION/PROVINCE/ CITY/MUNICIPALITY	LIVESTOCK	CROPS	FISHERIES
GRAND TOTAL	<u>5,473,316.00</u>		
SUB-TOTAL	1,903,130.00	2,950,186.00	620,000.00
Davao Oriental			
<i>Caraga</i>	588,500.00	-	-
<i>Manay</i>	1,277,030.00	1,355,504.00	620,000.00
<i>Tarragona</i>	37,600.00	1,594,682.00	-

Source: OCD XI

F. SUSPENSION OF CLASSES

On 22 January 2019, classes in Municipalities of Caraga, Manay, and Tarragona were suspended in all levels, both public and private and resumed on 23 January 2019.

Source: OCD XI

III. DISASTER PREPAREDNESS AND RESPONSE

A. National Disaster Risk Reduction and Management Council (NDRRMC)

1. NDRRM Operations Center (NDRRMOC)

- a. The Alert Status at NDRRMOC was raised to **BLUE** on 8:00 AM, 27 December 2018, to continuously monitor and disseminate Severe Weather Bulletins, Weather Advisories, 24-hour Public Weather Forecasts, Gale Warning, and other advisories to all RDRRMC/OCDROs through SMS, facsimile, and official social media websites for further dissemination to their respective Local Disaster Risk Reduction and Management Councils (LDRRMCs).
- b. Disseminated a total of **36 PAGASA Advisories** which includes **Davao Oriental** from 19 January 2019 until 22 January 2019:

ADVISORIES	QTY
TOTAL	36
Weather Advisory	1
Rainfall Advisory	1
Heavy Rainfall Advisory	13
General Flood Advisory	4
Gale Warning	3
Severe Warning Bulletin	8
Thunderstorm Advisory	6

- c. Further, **three (3) Emergency Alert and Warning Messages** for Orange Rainfall which included Davao Oriental were disseminated on 20 January 2019 (12:00 MN, 6:12 AM, and 9:00 AM).

2. Philippine Atmospheric, Geophysical and Astronomical Service Administration (DOST-PAGASA)

Disseminated Weather Forecasts, General Flood Advisories, Gale Warnings, Rainfall Advisories, Heavy Rainfall Advisories, and Thunderstorms Advisories, and other weather advisories.

3. Department of Social Welfare and Development (DSWD)

The Disaster Response Operations Monitoring and Information Center (DROMIC) of the DSWD-DRMB coordinated with the DSWD-Field Offices for significant disaster preparedness for response updates.

4. DENR-Mines and Geosciences Bureau (MGB)

Provided list of areas susceptible to rain-induced landslides and flooding.

B. Regional Disaster Risk Reduction and Management Council (RDRRMC)

OCD XI

- a. Disseminated the PAGASA advisories and MGB list of areas to Local DRRM Councils.
- b. Monitored and coordinated with PDRRMC Davao Oriental.
- c. Requested the assistance of MGB to conduct a re-assessment of the flashflood area.

DSWD FO XI

- a. Coordinated with the Municipal Social Welfare and Development Office (MSWDOs) and Municipal Disaster Risk Reduction and Management Office (MDRRMOs) of the affected Municipalities as well as with the Provincial Local Government Unit (PLGU) of Davao Oriental to be able to provide augmentation assistance to the affected population.
- b. Coordinated with Provincial Disaster Risk Reduction and Management (PDRRM) Operations Center in monitoring the situation and the distribution of 1,300 family food packs.
- c. Conducted relief operations on 14 February 2019 in Tarragona, Davao Oriental.

DPWH District Engineering Office (DEO) XI

- a. Conducted clearing operations with LDRRMCs in the areas affected by landslides.
- b. Installed temporary (MABEY) bridge to prevent further damage and to maintain accessibility at Panlubongan Bridge.

DENR-MGB XI

Conducted technical assessment on the incident.

LDRRMCs

- a. PDRRMC Davao Oriental monitored the situation and provided necessary interventions (relief/response operations) for the affected population.
- b. Conducted clearing operations by concerned District Engineering Offices
- c. Conducted evacuation in Brgy. San Ignacio, Manay, Davao Oriental.
- d. Deployed Provincial RDANA Teams on 23 January 2018, 7:00 AM in the affected barangay.
- e. Provincial Engineering Office conducted debris clearing at Tamayo and Panontongan Creek and Sitio Lingayao Road.

- f. Conducted pre-emptive evacuation for high-risk areas located near Tamayo and Panontongan Creeks and Mahan-ob River.
- g. Coordinated with Provincial Agriculture Office (PAGRO) and Provincial Social Welfare and Development Office (PSWDO) for verification of reports on affected families and damages to agriculture.

IV. COST OF ASSISTANCE

A total of **₱9,804,620.00** worth of assistance was provided by DSWD to the affected families.

PROVINCE/ MUNICIPALITY/ CITY	TOTAL COST OF ASSITANCE
GRAND TOTAL	<u>9,804,620.00</u>
Davao Oriental	
<i>Caraga</i>	1,517,880.00
<i>Manay</i>	4,878,900.00
<i>Tarragona</i>	3,407,840.00

Source: DSWD DROMIC REPORT #5 on Flash floods in Davao Oriental as of 13 February 2019, 6:00 PM