



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 Effects of Tail-End of a Cold Front (TECF) in Mindanao (15-20 February 2017)

Releasing Officer:

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Sources: OCD ROs XI, XII, CARAGA, DOST-PAGASA, DSWD DROMIC

I. SITUATION OVERVIEW:

15 February 2017

At 11:00 AM, the Tail-End of a Cold Front (TECF) brought cloudy skies with moderate to occasionally heavy rains and thunderstorms over CARAGA and Davao regions. Residents were alerted against possible flashfloods and landslides. Meanwhile, Eastern Visayas and the rest of Mindanao experienced light to moderate rains and isolated thunderstorms.

16 February 2017

At 11:00 AM, the TECF continued to bring moderate to heavy rains and thunderstorms over CARAGA, Davao Region, SOCCSKSARGEN and the provinces of Misamis Oriental and Bukidnon. Residents were alerted against possible flashfloods and landslides. Meanwhile, Central and Eastern Visayas and the rest of Mindanao experienced cloudy skies with light to moderate rains and isolated thunderstorms.

17 February 2017

At 11:00 AM, the effect of TECF has weakened. However, the regions of Davao and CARAGA still experienced cloudy skies with light to moderate rains and thunderstorms.

18 February 2017

Easterlies affected the Eastern section of the country. Cloudy skies with light to moderate rains and isolated thunderstorms were expected over the regions of Cagayan Valley, Bicol, Eastern Visayas, CARAGA, Davao, and over the provinces of Aurora and Quezon. Moderate to strong winds blowing from the East to Northeast prevailed over Luzon and over the eastern section of Visayas and Mindanao. Also, the coastal waters along these areas were forecasted to be moderate to rough.

19 February 2017

TECF affecting the Eastern section of Central Luzon and Northeast Monsoon affected the Northern Luzon. Cloudy skies with light to moderate rains and isolated thunderstorms were expected over the regions of Bicol, Eastern Visayas, CARAGA,

and Davao. Moderate to strong winds blowing from the East to Northeast prevailed over Luzon and over the eastern section of Visayas and Mindanao. Also, the coastal waters along these areas were forecasted to be moderate to rough.

20 February 2017

Easterlies affected the eastern section of the country. Cloudy skies with light to moderate rains and isolated thunderstorms were expected over the regions of Eastern Visayas and Caraga. Partly cloudy to cloudy skies with isolated rains or thunderstorms prevailed over Metro Manila and the rest of the country.

II. EFFECTS:

A. Pre-emptive Evacuation in Region XI

1. A total of **2,933 families / 10,871 persons** were pre-emptively evacuated in the following areas in **Region XI**. The families from Davao City and Davao Oriental province have returned home.

PROVINCE	CITY/ MUNICIPALITY	FAM	PERS	EVACUATION CENTER	REMARKS
Davao del Sur	Davao City	348	1,697		Returned home
	a. Talomo	72	350	Brgy. Hall	
	b. Matina Aplaya	79	362	Brgy. Hall	
	c. Bucana	40	200	Brgy. Hall	
	d. Maa	106	530	Maa ES	
	e. San Rafael	20	100	Streetside	
	f. El Rio Subd. Ph. 1	31	155	El Rio Gym	
Compostela Valley	New Bataan, Compostela, and Montevista	1,212	3,636		
Davao Oriental	Cateel	46	230		Returned home
	a. Aragon	46	230	Central ES	
	Caraga	1,327	5,308		
	a. Poblacion	545	2,180	Brgy. Gym	
	b. San Jose	395	1,580	Brgy. Gym	
	c. San Antonio	387	1,548	Brgy. Gym	
TOTAL		2,933	10,871		

B. Affected Population (Tab A)

1. A total of **40,562 families / 151,652 persons** were affected in **131 Barangays** in Regions XI (Davao Region) and CARAGA Region.
2. Of which, a total of **17,508 families / 67,591 persons** were served inside and outside **93 evacuation centers**.

C. Suspension of Classes in Three (3) Regions

1. In T'boli, South Cotabato, government offices were suspended.
2. Classes in Regions XI, XII, and CARAGA were suspended at particular school levels:

Province	City / Municipality	Level/s	Date of Suspension
Region XI DAVAO			
Compostela Valley	Province-wide	All Levels	16 February 2017
Davao del Norte	Province-wide	Elementary – High School	16 February 2017
	Panabo City	All Levels	16 February 2017
Davao del Sur	Davao City	Elementary – High School	16 February 2017
Davao Occidental	Malita	Elementary – High School	16 February 2017
Davao Oriental	Mati City	Elementary – High School	16 February 2017

Region XII SOCCSKSARGEN			
North Cotabato	Antipas	Elementary – High School	16 February 2017
	Banisilan	All Levels	16 February 2017
	Pres. Roxas	All Levels	16 February 2017
South Cotabato	Banga	All Levels	16 February 2017
	Koronadal City	a. Sta. Barbara Elem. School b. Neimida Elem. School	16 February 2017
	Lake Sebu	All Levels	16 February 2017
	Polomolok	Kindergarten – Elementary	16 February 2017
	Sto. Niño	All Levels	16 February 2017
	Surallah	All Levels	16 February 2017
	Tupi	Kindergarten – Elementary	16 February 2017
T'boli	All Levels and Government Offices	16 February 2017	
CARAGA			
Surigao del Sur	Bislig City	All Levels	16 February 2017
	Lanuza	All Levels	16 February 2017
	Tago	All Levels	16 February 2017
	Madrid	All Levels	16 February 2017
	Tandag City	All Levels	16 February 2017
Agusan del Norte	Las Nieves	Elementary and High School	EO No. 5 S2017
Agusan del Sur	Bunawan	All Levels	No. 003-2017
Butuan City		Pre-school, Elementary and High School	Proclamation No. 8 S2017

Source: OCDROs XI, XII and XIII, Twitter accounts of Rappler, Philippine Star, and ABS-CBN News

D. Damaged Houses

1. A total of **68 houses (Totally-2; Partially-66)** were reported damaged in Davao Oriental and Compostela Valley due to Tail-End of a Cold Front.

E. Status of Lifelines

1. Roads and Bridges
 - A total of **7 roads and 1 bridge** were rendered impassable due to flooding and landslide in the province of Compostela Valley:

PROVINCE / MUNICIPALITY / CITY	ROAD / BRIDGE
Compostela Valley	
<i>New Bataan</i>	Cogonon-Cabinuangan Road
	Panag-Batinao Road
<i>Mawab</i>	Brgy. Salvacion Road
	Brgy Tuburan
<i>Monkayo</i>	Naboc Bridge
	Babag-Macopa Road
	Phase 2, San Jose
<i>Compostela</i>	Compostela-Cateel Road (Brgy. Ngan)

III. DISASTER PREPAREDNESS

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

1. National DRRM Operations Center

- a. The NDRRMOC was on **BLUE ALERT STATUS** effective 5:00 PM, 15 February 2017 to continue monitoring and coordinate response and early recovery efforts for the M6.7 earthquake that struck Surigao del Norte on 10 February, to monitor the new TECF affecting Mindanao beginning 15 February, and to ensure dissemination of Weather Advisories, 24-hour Public Weather Forecasts, Gale Warnings, General Flood Advisories and Severe Weather Bulletins to all RDRRMCs/OCDROs through SMS,

facsimile, and websites for further dissemination to their respective Local Disaster Risk Reduction and Management Councils (LDRRMCs).

2. Department of Science and Technology (DOST)

Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA)

- a. Regularly provided weather updates.

3. Department of Social Welfare and Development (DSWD)

- a. Disaster Response Operations Monitoring and Information Center (DROMIC) closely coordinated with concerned DSWD Field Offices.
- b. DreamB Operations Center was on BLUE Alert.

B. Regional and Local Disaster Risk Reduction and Management Councils

1. R/LDRRMC XI DAVAO

OCD XI

- a. Operations Center was on BLUE Alert status in relation to ASEAN Summit 2017, Earthquake Incident in Surigao del Norte, and for TECF.
- b. Issued Memorandum to RDRRMC XI Member-Agencies and all LDRRMCs re BLUE Alert Status of all Disaster Operations Centers..
- c. Continuously monitored the situation in the AOR
- d. Continuously disseminated weather updates and advisories to all LDRRMCs

10th ID, PA

- a. Alerted all Disaster Response Units and instructed to coordinate to all Provincial and Municipal DRRMCs within their respective AOR for possible deployment and assistance.
- b. Alerted and directed Emergency Response Company to provide personnel for assistance to OCD XI.
- c. Alerted all units and instructed to closely monitor AOR for any untoward incidents due to the current weather condition in coordination with the Provincial and Municipal DRRMCs.

PDRRMC Davao Oriental

- a. Assisted the respective MDRRMCs in Cateel and Caraga in conducting pre-emptive evacuation.

CDRRMC Mati City, Davao Oriental

- a. Activated SAR, Medical and Security Teams, and prepositioned for possible deployment.
- b. Conducted Rapid Damage Assessment and Needs Analysis particularly to the affected Barangays.
- c. Activated Incident Command System and Local IMT.

MDRRMC Caraga, Davao Oriental

- a. Alerted and activated the Disaster Operations Center to closely monitor AOR for any untoward incidents due to the current weather disturbance.
- b. Conducted pre-emptive evacuations to all affected barangays.
- c. Conducted relief distribution thru MSWDO to all affected families.

2. R/LDRRMC XII SOCCSKSARGEN

OCD XII

- a. Regularly disseminated weather updates and advisories.
- b. Closely monitored the situation in the AOR.

Local DRRMCs

- a. The Local DRRMCs of Antipas, Banisilan, and Pres. Roxas in North Cotabato, and of Banga, Lake Sebu, Polomolok, Surallah, Sto. Niño, Tupi, and T'boli in South Cotabato declared class suspensions.

3. R/LDRRMC XIII CARAGA

OCD CARAGA

- a. Closely monitored weather disturbances through PAGASA websites and other untoward incidents through coordination with LDRRMOs.
- b. Advised all LDRRMCs to activate OpCen for possible conduct of HADR.
- c. Disseminated weather advisories/bulletins to R/LDRRMCs members and stakeholders.

DOST CARAGA

- a. Monitored and disseminated information on the weather conditions and dam water level in the Region.

DILG CARAGA

- a. Issued and disseminated weather advisories, rainfall forecast, and heavy rainfall updates.
- b. Warned LGUs to alert communities living in the flood-prone/hazard-prone areas for possible and pre-emptive evacuations.

DSWD CARAGA

- a. Quick Response Team operations were on alert at the Regional Office.
- b. SWAD Teams, Provincial/City/Municipal Action Teams were instructed to monitor the situation and to closely coordinate with their Local Social Welfare and Development Offices and to submit report to Field Office.

DOH CARAGA

- a. Activated Operations Center and monitored the affected areas.

AFP and PNP CARAGA

- a. Deployed personnel to RDRRMC Operations Center.

PDRRMC Surigao del Sur

- a. Activated LDRRMCs.
- b. Issued advisories to fisherfolks not to venture into the sea.
- c. Monitored High-Risk Areas for possible flashfloods, landslides and storm surge.
- d. C/MDRRMCs Tago, Bislig, Madrid, San Miguel and Tandag issued suspension of classes

CDRRMC Butuan City

- a. Closely monitored water level in Agusan River.
- b. Conducted Recorda to flood exposed barangays.
- c. Organized monitoring team, search and rescue and logistical support teams.
- d. Prepositioned supplies, equipment, and goods for evacuation centers and affected families.
- e. Distributed 600 food packs to evacuees on 17 February 2017.

MDRRMC Bunawan, Agusan del Sur

- a. Convened a meeting.

MDRRMC Rosario, Agusan del Sur

- a. Monitored Solibao River.

IV. DISASTER RESPONSE

A. Cost of Assistance

A total of **₱2,271,162.98** worth of assistance was provided to affected families in Regions XI and CARAGA:

REGION / PROVINCE / MUNICIPALITY	TOTAL COST OF ASSISTANCE (PHP)		
	DSWD	LGU	GRAND TOTAL
GRAND TOTAL	2,233,283.98	37,879.00	2,271,162.98
REGION XI	2,168,699.98	-	2,168,699.98
Compostela Valley	118,706.40	-	118,706.40
<i>Mawab</i>	<i>72,542.80</i>	<i>-</i>	<i>72,542.80</i>
<i>Monkayo</i>	<i>14,838.30</i>	<i>-</i>	<i>14,838.30</i>
<i>Montevista</i>	<i>19,784.40</i>	<i>-</i>	<i>19,784.40</i>
<i>New Bataan</i>	<i>11,540.90</i>	<i>-</i>	<i>11,540.90</i>
Davao del Norte	65,948.00	-	65,948.00
<i>Carmen</i>	<i>65,948.00</i>	<i>-</i>	<i>65,948.00</i>
Davao del Sur	31,325.30	-	31,325.30
<i>Davao City</i>	<i>31,325.30</i>	<i>-</i>	<i>31,325.30</i>
Davao Oriental	1,952,720.28	-	1,952,720.28
<i>Cateel</i>	<i>1,154,090.00</i>	<i>-</i>	<i>1,154,090.00</i>
<i>Manay</i>	<i>798,630.28</i>	<i>-</i>	<i>798,630.28</i>
CARAGA	64,584.00	37,879.00	102,463.00
Agusan del Sur	64,584.00	6,160.00	70,744.00
<i>Bunawan</i>	<i>-</i>	<i>6,160.00</i>	<i>6,160.00</i>
<i>Veruela</i>	<i>64,584.00</i>	<i>-</i>	<i>64,584.00</i>
Surigao del Sur	-	31,719.00	31,719.00
<i>San Miguel</i>	<i>-</i>	<i>31,719.00</i>	<i>31,719.00</i>

Source: DSWD DROMIC Terminal Report on the Effects of a Tail-End of a Cold Front

B. Regional and Local DRRMCs

1. R/LDRRMC XI DAVAO

Local DRRMCs

- All Provincial and City DRRMCs activated its Local DRRM Councils.
- The MDRRMCs of Compostela, New Bataan, and Montevista in Compostela Valley province conducted pre-emptive evacuations of affected families

PDRRMC Compostela Valley

- MDRRMO Compostela, New Bataan, Montevista with Municipal SWDOs conducted relief distribution to all affected families.
- Established maintained continuous communication with all MDRRMCs thru SMS, Telephone and Radios.
- Coordinated with Provincial Engineering Office and DPWH for the conduct of road clearing operations in all affected barangays.
- Established a Command Post at the Monkayo MDRRMC Building.
- PNP Compostela Valley assisted in the search and rescue operations during the evacuation of the affected families, assisted in the distribution of relief goods, and in the conduct of clearing operations.

2. R/LDRRMC CARAGA

- The Local Government of San Miguel, Surigao del Sur provided ₱31,719.00 worth of relief assistance to the affected families
- The Municipality of Veruela, Agusan del Sur received relief assistance from AKBAYAN and SIKAP.

**EFFECTS OF TAIL-END OF A COLD FRONT (TECF) IN MINDANAO
AFFECTED POPULATION
15-20 February 2017**

Region/Province/ Mun/City	AFFECTED			No. of Evac Centers	Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED - CURRENT (Inside + Outside)	
	Brgys	Families	Persons		Families	Persons	Families	Persons	Families	Persons
GRAND TOTAL	131	40,562	151,652	93	8,360	38,648	9,148	28,943	17,508	67,591
REGION XI (DAVAO REGION)	85	28,867	112,249	40	5,760	27,923	53	265	5,813	28,188
COMPOSTELA VALLEY	23	1,788	8,106	21	1,443	6,381	0	0	1,443	6,381
COMPOSTELA	4	263	843	4	263	843			263	843
LAAK (SAN VICENTE)	4	345	1,725						0	0
MAWAB	3	94	409	4	94	409			94	409
MONKAYO	2	25	65	2	25	65			25	65
MONTEVISTA	3	77	385	3	77	385			77	385
NABUNTURAN	3	93	364	3	93	364			93	364
NEW BATAAN	3	91	315	3	91	315			91	315
PANTUKAN	1	800	4,000	2	800	4,000			800	4,000
DAVAO DEL NORTE	9	2,859	14,295	5	1,667	8,335	53	265	1,720	8,600
CARMEN	4	197	985	2	144	720	53	265	197	985
KAPALONG	5	2,662	13,310	3	1,523	7,615			1,523	7,615
DAVAO DEL SUR	16	4,519	22,552	8	2,132	10,617	0	0	2,132	10,617
DAVAO CITY	3	324	1,577	4	324	1,577			324	1,577
HAGONOY	1	164	820						0	0
MALITA	10	3,891	19,455	4	1,808	9,040			1,808	9,040
SANTA MARIA	2	140	700						0	0
DAVAO ORIENTAL	37	19,701	67,296	6	518	2,590	0	0	518	2,590
BOSTON	1	35	175	1	35	175			35	175
CARAGA	3	1,327	6,635						0	0
CATEEL	8	494	2,470	5	483	2,415			483	2,415
MANAY	17	15,800	47,783						0	0
TARRAGONA	8	2,045	10,233						0	0
REGION XIII (CARAGA)	46	11,695	39,403	53	2,600	10,725	9,095	28,678	11,695	39,403
AGUSAN DEL NORTE	16	688	2,701	13	679	2,656	9	45	688	2,701
BUTUAN CITY	13	642	2,506	10	633	2,461	9	45	642	2,506
JABONGA	1	29	144	2	29	144	0	0	29	144
REMEDIOS T. ROMUALDEZ	2	17	51	1	17	51			17	51
AGUSAN DEL SUR	16	9,719	30,949	25	793	3,096	8,926	27,853	9,719	30,949
BUNAWAN	5	8,866	27,223	7	184	507	8,682	26,716	8,866	27,223
LA PAZ	2	217	1,086	4	217	1,086	0	0	217	1,086
ROSARIO	1	2	5	1	2	5			2	5
SAN FRANCISCO	1	12	44	1	12	44	0	0	12	44
SANTA JOSEFA	5	449	1,946	10	205	809	244	1,137	449	1,946
TALACOGON	1	65	390	1	65	390			65	390
VERUELA	1	108	255	1	108	255	0	0	108	255
DINAGAT ISLANDS	1	14	39	1	14	39	0	0	14	39
BASILISA (RIZAL)	1	14	39	1	14	39			14	39
SURIGAO DEL NORTE	3	286	1,395	4	266	1,315	20	80	286	1,395
MAINIT	2	251	1,235	3	231	1,155	20	80	251	1,235
TUBOD	1	35	160	1	35	160			35	160
SURIGAO DEL SUR	10	988	4,319	10	848	3,619	140	700	988	4,319
CARMEN	1	2	4	1	2	4			2	4
SAN MIGUEL	7	806	3,435	6	666	2,735	140	700	806	3,435
TAGO	2	180	880	3	180	880			180	880

Source: DSWD DROMIC Terminal Report on the Effects of a Tail-End of a Cold Front

AFFECTED AREAS	
REGIONS	3
PROVINCES	9
CITIES	4
MUNICIPALITIES	56
BARANGAYS	131