



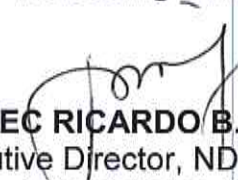
REPUBLIC OF THE PHILIPPINES
NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

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

NDRRMC UPDATE

SitRep No. 02 re re Preparedness Measures and Effects of Typhoon "LANNIE" (I.N. TALIM) and Tropical Depression "MARING" as of 6:00 PM

Releasing Officer:


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

DATE : 12 September 2017

Sources: DOST-PAGASA, DROMIC, DEPED, DILG, DOH, PCG, AFP, MIAA, RDRRMCs/OCDROs I, II, III, CALABARZON, MIMAROPA, NCR

I. SITUATION OVERVIEW

11 September 2017

At 4:00 PM, the Typhoon, with International Name TALIM, located East of Northern Luzon has entered the Philippine Area of Responsibility (PAR) and was named "LANNIE". It has the maximum sustained winds of up to 120 kph near the center and gustiness of up to 145 kph. "LANNIE" has no direct effect to the country.

Meanwhile, the Low Pressure Area (LPA) East of Southern Luzon has developed into a Tropical Depression (TD) and was given the local name "MARING". It has the maximum winds of up to 45 kph near the center and gustiness of up to 60 kph. "MARING" is forecasted to move West Northwest at 13 kph.

Due to "MARING", Tropical Cyclone Warning Signal (TCWS) No. 1 was raised to Metro Manila, Catanduanes, Camarines Norte, Camarines Sur, Northern Quezon including Polillo Island, Rizal, Bulacan, Pampanga, Aurora, Quirino, Nueva Ecija, Tarlac, Zambales, Bataan, and Pangasinan.

At 11:00 PM, TD "MARING" was estimated at 190 km East of Infanta, Quezon.

12 September 2017

At 5:00 AM, the TD "MARING" has slightly intensified as it continues to move towards Quezon-Aurora area.

TCWS No. 01 is raised over the Metro Manila, Catanduanes, Camarines Norte, Camarines Sur, Northern Quezon incl. Polillo Island, Rizal, Bulacan, Pampanga, Quirino, Nueva Ecija, Nueva Vizcaya, Benguet, La Union, Tarlac, Zambales, Bataan, Pangasinan, Laguna, Quirino, and Aurora

At 5:00 PM, TD "MARING" was located within the vicinity of Pampanga and about to leave the landmass of Luzon.

It is expected to leave Luzon landmass tonight and exit PAR tomorrow evening or Thursday early morning. Tropical Cyclone Warning Signal over Camarines Norte is now lifted. While TCWS No. 01 remains over Metro Manila, Cavite, Laguna,

Batangas, Rizal, Northern Quezon incl. Polillo island, Southern Aurora, Bulacan, Pampanga, Nueva Ecija, Tarlac, Zambales, Bataan and Pangasinan.

II. EFFECTS

A. AFFECTED POPULATION

1. A total of **221 families / 924 persons** were affected in 18 barangays in NCR and CALABARZON:

Inside **16 ECs**: **212 families / 924 persons**

REGION / PROVINCE / MUNICIPALITY	NUMBER OF AFFECTED			No. of ECs	NUMBER OF SERVED				TOTAL NUMBER OF SERVED (INSIDE and OUTSIDE ECs)	
	Barangays	Families	Persons		INSIDE ECs		OUTSIDE ECs			
					Families	Persons	Families	Persons	Families	Persons
GRAND TOTAL	18	221	924	16	212	924	-	-	212	924
NCR	1	38	190	1	38	190	-	-	38	190
Navotas	1	38	190	1	38	190	-	-	38	190
CALABARZON	17	183	734	15	174	734	-	-	174	734
Cavite	7	92	366	5	83	366	-	-	83	366
Quezon	7	70	243	7	70	243	-	-	70	243
Rizal	3	21	125	3	21	125	-	-	21	125

Source: DSWD DROMIC Report as of 12 September 2017, 4PM

B. Casualties

DEAD

1. A total of **three (3) were reported dead** due to landslide and collapsed rip-rap.
Two (2) in Taytay, Rizal and one (1) in Lucena, Quezon:
 - a. Justine Pondal, Male, 14 years old (Taytay, Rizal)
 - b. Jude Pondal, Male, 17 years old (Taytay, Rizal)
 - c. Two-month old baby (Lucena, Quezon)

MISSING

2. A total of thirteen (13) persons were reported missing in Brgy. Sto. Cristobal, Calamba City, Laguna due to flooding. (Houses located near the riverbanks were swept away by flood. Of which, 8 were rescued by QRT of Brgy. Parlan, Calamba City, Laguna.

C. Suspension of Classes (TAB A) and Work

1. Classes in **46 cities** and **245 municipalities** in Regions III, CALABARZON, **MIMAROPA, V**, and NCR are suspended for today, 12 September 2017.
2. Work in government offices in Regions III, CALABARZON, and NCR are suspended today, 12 September 2017.

D. Incidents Monitored

A total of ten (10) incidents were reported in CALABARZON and MIMAROPA:

1. FLOODING (6)

CALABARZON - 5

- a. As of 6:00 AM, 12 September 2017, a flooding incidents occurred in Brgy. Magdalo, Kawit, Brgy. San Jose 1 & 2, Noveleta Brgy. Bagbag, Rosario and Brgy. Logtong, Rosario in the province of Cavite. No evacuees were reported.
- b. As of 6:00 AM, 12 September 2017, a flooding incidents occurred in Municipalities of Famy, Magdalena, Nagcarlan, Bay and Calauan in the province of Laguna. No evacuees were reported.
- c. As of 8:15 AM, 12 September 2017, DLTB Bus with Plate No. VBY 365 Legazpi City bound was stranded in Brgy. Biga, Pitogo due to shoulder deep flood. Rescue units from 85IB were dispatched to rescue the passengers. Locals from the said barangay also helped the 22 passengers transfer to Brgy. Biga Hall, Pitogo. Punong Barangay Fidel Malapit are taking charge of the rescued passengers.
- d. Mayor Eduardo Severo of Calabanga, Camarines Sur was rescued by residents of Brgy. Biga and was brought to Brgy. Hall of Biga, Pitogo.
- e. Houses located near the riverbanks in Brgy. Sto. Cristobal, Calamba City, Laguna were swept away by flood on 11:00 PM, 11 September 2017. A total of thirteen (13) persons were reported missing. Of which, 8 were rescued by QRT of Brgy. Parlan, Calamba City, Laguna. Search and rescue of Calamba CDRRMO still ongoing for the remaining missing persons.

MIMAROPA – 1

- a. On or about 6AM of September 12, 2017, river in Brgy. Baliis, Sta Cruz, Marinduque overflowed due to continuous heavy rains causing spillway not passable to all types of vehicles. MDRRMO Sta Cruz, Marinduque continuous monitoring of status of water level.

2. LANDSLIDE (3)

CALABARZON – 3

- a. As of 2:00 AM, 12 September 2017, a landslide incident occurred in Brgy. Wawa, Nasugbu, Batangas. Conducted clearing operations.
- b. As of 8:00 AM, 11 September 2017, A boulder fell from the side of the mountain, due to the continuous rains experienced in Quezon Province. The boulder was removed immediately by the Municipal Engineer Office and MDRRMO placed warning signs and cordoned the area to warn motorists. No casualty reported.
- c. On 4:00 AM, 12 September 2017, one (1) house collapsed in Hapay na Mangga, Brgy. Dolores, Taytay, Rizal due to landslide. Two (2) persons were reported dead. Forced evacuation were enforced by the MDRRMO after the incident though last night they were advised to evacuate. The MDRRMO rescued the other members of the family.

3. COLLAPSED RIPRAP (1)

CALABARZON – 1

- a. A rip-rap along the river collapsed causing the death of a two-month old baby in Lucena, Quezon. CDRRMO Lucena responded to the incident and brought the survivors to Mt. Carmel Hospital.

E. Damaged Houses

1. A total of six (6) houses were partially damaged while three (3) houses were totally damaged in Silang, Cavite.

F. Flooded Areas

1. The following areas in Metro Manila are reported flooded due to the weather disturbance:

AREA	DEPTH	Remarks
Malabon City		
<i>Maria Clara-Gov Pascual Street</i>	10 inches	
<i>Catmon Lambingan</i>	7 inches	
<i>Tonsuya P. Aquino St.</i>	7 inches	
<i>G. Arellano/Camus</i>	6 inches	
<i>Rizal Ave.</i>	4 inches	
<i>Pampano - Maya Maya St.</i>	9 inches	
<i>C4-Pampano St.</i>	4 inches	
<i>Don Basilio St.</i>	4 inches	
<i>MH. Yanga</i>	6 inches	
<i>Francis - Gov.Pascual St.</i>	3 inches	
<i>Mabolo-Tongco</i>	6 inches	
Parañaque City		
Brgy. San Dionisio Phase II C, (Salvador Compound and Bernabe Compound)	Chest Deep	
<i>Banana Cmpd</i>	1 meter	
<i>Fast Track Road</i>	2-3 ft	
Marikina City		
<i>Katipunan Cor. Rainbow, Concepcion Dos Mt. Pleasant, Brgy. Sta. Elena</i>	6-8 inches	
	1 foot	Not passable to light vehicles
<i>Laurel Cor. Washington, Brgy. Sta. Elena</i>	6-8 inches	
Pasig City		
<i>H.B Soliven Ave.</i>	5-6 inches	
<i>Karangalan Village Phase 2</i>	4-5 inches	
<i>Gallon Compound, Sta. Lucia</i>	24 inches	
<i>Pasig Greenpark</i>	5-6 inches	
<i>San Agustin Ave. (Bolante)</i>	2-3 inches	
<i>Tanangco Street</i>	3-4 inches	
Quezon City		
<i>Brgy. Doña Imelda (Kapiligan St.)</i>	1 ft	Passable
<i>Brgy. Culliat (Sunville Subd., Disire cmpd.)</i>	3 ft	Not passable to light vehicles
<i>Brgy. Damayang Lagi (Lapidonila St.)</i>	19 inches	Not passable to light vehicles
<i>Brgy. Roxas (Gumamela St.)</i>	5 ft	
<i>Brgy. Tatalon (Araneta, Agno and Kaliraya St.)</i>	Knee Deep	Not passable to light vehicles
<i>Brgy. Talayan (Araneta Ave.)</i>	2 ft	Not passable to all types of vehicles
<i>Brgy. Sto. Domingo (Maria Clara St., Araneta Ave.)</i>	2-3 ft	Not passable to all types of vehicles
<i>Brgy. Sta. Cruz (General Lim Segundo St.)</i>	1 ft	
Manila City		

<i>R. Papa Street</i>		Subsided as of 2:00 PM, 12 September 2017
<i>Roxas Blvd corner Pedro Gil</i>	Gutter Deep	
<i>Taft Quirino</i>	Gutter Deep	
<i>Taft Pedro Gil</i>	Gutter Deep	
<i>Taft Ocampo</i>	Gutter Deep	
<i>España Blvd cor. Sampaloc infront of University of Sto. Tomas</i>	Gutter Deep	
<i>Taft Avenue</i>	8 inches	
<i>España Lerma – Lacson</i>	60 inches	
<i>Damca</i>	19 inches	Knee deep
Navotas City		
<i>Sipac - M. Naval</i>	4-5 inches	
<i>Elfa</i>	19-20 inches	
<i>Tangos - M. Naval</i>	4-5 inches	
<i>Tangos - M. Naval</i>	4-5 inches	
<i>Frabelle</i>	5-16 inches	
Pasay City		
<i>Brgy. 180, Maricaban and Onyx Street</i>	37 inches	
<i>Brgy. 201, Kalayaan, Sapatasahai Area</i>	37 inches	
<i>Valenzuela City</i>		
<i>Mc Arthur Higway Cor. A. Fernando Street, Marulas</i>	12-14 inches	
<i>Mc Arthur Highway Cor. Pio Valenzuela, Marulas</i>	8-10 inches	
<i>Mc Arthur Highway cor. Elysian, Marulas</i>		
<i>Pio Valenzuela Road, Marulas</i>	4-6 inches	
<i>Mc Arthur Higway Cor. A. Mabini Arty, Marulas</i>	1-3 inches	
<i>Ilang-Ilang St.,Karuhatan</i>	2-4 inches	
<i>Karuhatan Market ,Karuhatan</i>	4-6 inches	
<i>Mc Arthur Highway cor. BPI Karuhatan ,Karuhatan</i>	2-3 inches	
<i>Mc Arthur Highway cor. Malanday Cockpit , Malanday</i>	4-5 inches	
<i>MH Del Pilar Pamana, Malanday</i>	8-10 inches	
<i>Front of Phoenix, Malanday</i>	10 inches	
<i>Maysan Road cor CJ Santos, Malinta</i>	4-6 inches	
<i>Pinalagad, Malinta</i>	2-4 inches	
<i>MH Del Pilar Polo, Polo</i>	6-8 inches	
<i>Maysan Road Expo</i>	4-6 inches	
<i>Corner Zone 5, Palasan</i>	4-5 inches	
<i>Deato Street, Balangkas</i>	2-3 inches	
<i>MH Del Pilar cor Lee Hongkong, Mabolo</i>	3-4 inches	
<i>G Lazaro Rd, Dalandanan</i>	8-10 inches	
<i>Malanday cor. T. Santiago, Dalandanan</i>	6-8 inches	
<i>T. Santiago, Viente Reales</i>	12-14 inches	
<i>Plastic City Entrance, Viente Reales</i>	8-10 inches	
<i>Viente Reales National Highschool, Viente Reales</i>	20-24 inches	Not passable
<i>M.H DEL PILAR cor. Sanchez street, Arkong Bato</i>	4-6 inches	
San Juan City		
<i>Tabing Ilong, Salapan</i>	3 ft	Not passable

F. Roman St. cor A. Luna, Salapan	2 ft	Not passable
Morales St., Salapan	2 feet	Not passable
Brgy. Hall of Rivera	½ foot	Not passable
Tulay, Rivera	3 feet	Not passable
San Perfecto St., San Perfecto	2 ½ feet	Not passable
San Luis St., Batis	3 feet	Not passable

C. Status of Ports

1. A total of 2,512 passengers, 181 rolling cargoes, 51 vessels, and 16 Motorbancas (MBCAs) were stranded:

PORT	PASSENGERS	ROLLING CARGO	VESSEL	MBCAs
NCR				
<i>Laguna de Bay</i>	60	-	-	1
<i>Manila North Harbor</i>	1,191	-	13	-
Batangas				
<i>Batangas</i>	652	102	13	-
<i>Balayan</i>	-	-	2	-
Oriental Mindoro				
<i>Calapan</i>	159	8	9	2
Southern Quezon				
<i>Lucena</i>	45	7	1	-
<i>Atimonan</i>	18	-	-	-
<i>Gumaca</i>	25	-	-	-
<i>Mogpog</i>	32	15	6	7
Northern Quezon				
<i>Real</i>	25	-	5	5
Romblon				
<i>Romblon</i>	-	-	1	-
<i>Poctoy</i>	258	24	1	-
<i>San Agustin</i>	-	6	-	-
<i>Ambulong</i>	-	1	-	-
Bicol				
<i>Albay</i>				
<i>Tabaco</i>	-	4	-	-
<i>Pioduran</i>	31	14	-	-
Sorsogon				
<i>Pilar</i>	-	-	-	1
Camarines Sur				
<i>Pasacao</i>	16	-	-	-
<u>TOTAL</u>	<u>2,512</u>	<u>181</u>	<u>51</u>	<u>16</u>

Source: PCG

C. Status of Dams

DAM	OBSERVATION TIME & DATE	RESERVOIR WATER LEVEL (m)	NORMAL HIGH WATER LEVEL (NHWL) (m)	GATE OPENING
Angat	3PM, 12 Sept 2017	193.31 ↑	210.00	
	6AM, 12 Sept 2017	192.88		
Ipo	3PM, 12 Sept 2017	100.78 ↑	101.00	
	6AM, 12 Sept 2017	101.04		
La Mesa	3PM, 12 Sept 2017	79.69 ↑	80.15	
	6AM, 12 Sept 2017	79.52		

Ambuklao	3PM, 12 Sept 2017	751.28 ↑	752.00	
	6AM, 12 Sept 2017	751.21		
Binga	3PM, 12 Sept 2017	574.08 ↑	575.00	
	6AM, 12 Sept 2017	574.05		
San Roque	3PM, 12 Sept 2017	252.97 ↓	280.00	
	6AM, 12 Sept 2017	253.17		
Pantabangan	3PM, 12 Sept 2017	190.60 ↑	216.00	
	6AM, 12 Sept 2017	190.50		
Magat	3PM, 12 Sept 2017	187.35 ↓	190.00	
	6AM, 12 Sept 2017	187.48		
Caliraya	3PM, 12 Sept 2017	287.54 ↑		
	6AM, 12 Sept 2017	287.33		

Source: DOST-PAGASA

D. Cancelled Flights

1. A total of **eighteen (18) domestic flights** are cancelled due to bad weather:

FLIGHT NO.	DESTINATION	DATE
2P 2921/2922	Manila-Legazpi-Manila	12 September 2017
M8 421/422	Manila-Siargao-Manila	12 September 2017
M8 816/817	Manila-Basco-Manila	12 September 2017
DG 6031/6032	Manila-San Jose Mindoro-Manila	12 September 2017
DG 6041/6042	Manila-Busuanga-Manila	12 September 2017
DG 6113/6114	Manila-Naga-Manila	12 September 2017
DG 6117/6118	Manila-Naga-Manila	12 September 2017
M8 713/714	Manila-Busuanga-Manila	12 September 2017
Z2 777/778	Manila-Cebu-Manila	12 September 2017

2. A total of three (3) flights were diverted to Clark Airport due to bad weather:

FLIGHT NO.	DESTINATION	DATE
AK 582	Kuala Lumpur-Manila	12 September 2017
5J 102	Guam-Manila	12 September 2017
5J 636	Puerto Princesa-Manila	12 September 2017

III. DISASTER PREPAREDNESS

A. National Disaster Risk Reduction and Management Council

1. NDRRM Operations Center (NDRRMOC)

- a. Conducted Pre-Disaster Risk Assessment (PDRA) re Typhoon TALIM (International Name) and LPA on 11 September 2017, 10:00 AM.
- b. Issued NDRRMC Memorandum to RDRRMCs I, II, III, CALABARZON, V, CAR, and NCR re Submission of RDRRMC's Preparedness Actions in relation to Typhoon "TALIM".
- c. Issued NDRRMC Memorandum to NDRRMC Member-Agencies re the Alert Status at the NDRRMOC.
- d. **Conducted a press briefing at around 12NN, 12 September 2017 at the OCD.**
- e. Prepared the following Emergency Alert and Warning Message (EAWM) and forwarded the same to Telecommunications Service Providers for widest dissemination to the public:
 - Orange Rainfall Warning to the Provinces of Batangas, Laguna, and Quezon issued 10:00 PM, 11 September 2017

- Orange Rainfall Warning to the Provinces of Batangas and Cavite, and Metro Manila issued 1:00 AM, 12 September 2017
- Landfall of TD “MARING” in Mauban, Quezon between 8:00 AM – 10:00 AM.
- **Landfall of TD “MARING” in Mauban, Quezon at 9AM and was forecasted to move towards Laguna-Manila area.**
- **TD “MARING” was located in Angeles City, Pampanga at 4:00 PM and was forecasted to move west northwest to Iba, Zambales.**

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

- Provided updates on the track of the said weather disturbance and Status of monitored major dams during the PDRA Meeting on 11 September 2017.
- Continuously disseminating weather forecasts, General Flood Advisories, Tropical Cyclone Advisory re Typhoon “TALIM”.

3. Department of Interior and Local Government (DILG)

- Provided information/advisories to all concerned DILG ROs regarding the development of the TC TALIM and LPA thru emails and text blasts.
- Instructed all concerned DILG ROs to take proactive measures in the impending disaster.
- Issued an Advisory to all concerned Regions on the TC TALIM and Low Pressure Area on 10 September 2017.
- Provided constant updates on weather alerts/advisories to all ROs.
- Advised all Regions concerned for the TC TALIM and LPA and directed to advised all LGUs concerned on the following:
 - Monitor all PAGASA weather advisories and typhoon bulletins as well as the Project NOAH via website
 - Established critical preparedness actions based on the Operation LISTO protocols, and prioritize prepositioning of supplies and equipment for response
 - Visit the MGB Geo-Hazard Web Portal at gdis.denr.gov.ph/mgbgoogle for additional information.
 - Continue to monitor all PAGASA weather advisories and typhoon bulletins via <http://www.pagasa.dost.gov.ph/>, as well as the Project NOAH website www.noah.dost.gov.ph/;
 - Observe existing protocols, including Proof of Service.
 - CODIX coordinates with PAGASA and MGB in monitoring for updates
 - Continuous monitoring of all affected LGUs

4. Department of Social Welfare and Development (DSWD)

- The DSWD Central Office (CO), concerned Field Offices (FOs), and National Resource Operations Center (NROC) have stockpiles and standby funds amounting to **₱836,623,830.73** with breakdown as follows:

Stockpiles:

A total of **196,896 Family Food Packs (FFPs)** amounting to **₱72,623,951.49** and available **Food and Non-food Items (FNIs)** amounting to **₱186,227,538.30**.

Standby Funds:

A total of **₱577,772,340.94** standby funds in the CO and FOs. Of the said amount, **₱555,110,259.05** is the available Quick Response Fund in the CO.

FIELD OFFICE	STANDBY FUNDS	STOCKPILE					TOTAL STANDBY FUNDS AND STOCKPILE
		Family Food Packs		Food	Non-Food	Sub-Total (Food and NFIs)	
		Quantity	Total Cost				
TOTAL	577,772,340.94	196,896	72,623,951.49	62,199,254.46	124,028,283.84	186,227,538.30	836,623,830.73
CO*	555,110,259.05	-	-	-	-	-	555,110,259.05
NROC	-	8,665	2,962,910.10	45,163,146.23	47,584,574.40	92,747,720.63	95,710,630.73
NCR	3,021,659.00	10,089	3,956,020.26	2,740,076.53	671,300.00	3,411,376.53	10,389,055.79
CAR	3,249,542.66	26,106	10,418,382.48	235,638.00	9,793,413.44	10,029,051.44	23,696,976.58
I	2,316,400.00	26,144	9,981,780.39	1,079,403.63	7,203,855.67	8,283,259.30	20,581,439.69
II	3,000,000.00	15,464	5,412,400.00	1,297,968.40	5,864,020.02	7,161,988.42	15,574,388.42
III	1,800,278.90	20,232	6,847,993.96	863,671.05	7,102,152.24	7,965,823.29	16,614,096.15
CALABARZON	3,000,000.79	32,110	10,450,416.30	3,358,684.14	7,123,357.93	10,482,042.07	23,932,459.16
MIMAROPA	3,000,000.54	18,861	6,919,098.00	6,664,066.88	960,826.36	7,624,893.24	17,543,991.78
V	3,274,200.00	39,225	15,674,950.00	796,599.60	37,724,783.78	38,521,383.38	57,470,533.38

- b. The Disaster Response Operations Monitoring and Information Center (DROMIC) of the DSWD-DReAMB is on 24/7 duty for monitoring of disaster events and report updates.

5. Department of Health (DOH)

- a. Issued alert memorandum to all regional offices to actively monitor weather disturbance, activation of Code Alert and 24/7 OpCen, Prepositioning of human resources and stockpiling of medicines and medical supplies.
- b. A total of **₱20,691,324.46** amount of logistics was prepositioned by Regions II, III, IV-A, and V. Moreover, a total of **₱57,469,354.76** amount of logistics is present at the DOH Central Office.

6. Mines and Geosciences Bureau (DENR-MGB)

- a. Provided the list of barangays susceptible to flooding and rain-induced landslides on 11 September 2017.

7. Armed Forces of the Philippines (AFP)

- a. Advised unified command to keep track of the said weather disturbance and monitor all flood and landslide prone areas on a possible conduct of pre-emptive evacuation, proactive measures and HADR preparation and deployment in coordination with LGUs and LDRRMCs

8. National Grid Corporation of the Philippines (NGCP)

- a. Power system operator and transmission service provider NGCP has implemented the necessary preparations and precautions to minimize the impact of the weather disturbance on transmission operations and facilities.
- b. Integrated Disaster Action Plan (IDAP) prescribes these and other procedures to ensure the readiness of all power transmission facilities expected to be affected by the passage of the weather disturbance.
- c. NGCP's Regional Disaster Command Center monitors all power restoration activities, reports, and updates from the District Command Centers in Luzon, whichever is directly affected by the weather disturbance.

9. Philippine Coast Guard (PCG)

- a. All PCG units were advised to ensure strict implementation of HPCG Memorandum Circular Number 02-13 (Guidelines on Movement of Vessels during Heavy Weather).

- b. Advised fishermen not to venture out to sea and warned of the adverse weather conditions.

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

- RDRRMCs I, II, **CALABARZON**, MIMAROPA, **V**, CAR, and NCR conducted PDRA meeting re the said weather disturbance and continuously disseminates weather advisories/bulletins to RDRRMC member-agencies, P/C/MDRRMCs, and local media (radio stations) through OCD InfoBoard Text Blast System, and upload the same to social accounts to effectively ensure public safety and achieve zero-casualty; alerted and closely coordinates with all PDRRMCs and RDRRMC member-agencies for possible rescue, relief, and other response operations relative to the weather disturbance; and continuously monitors the situation in their respective AORs.

1. REGION I

Office of Civil Defense (OCD) I

- a. Issued Memorandum to RDRRMC I member agencies and PDRRMCs re Raising of Alert Status at the RDRRMOC I for the Typhoon "LANNIE".
- b. Issued Memorandum to RDRRMC I Response Cluster Members for Detailed Duty Officers (DDOs) to render duty at the RDRRMOC.
- c. Continuously disseminating weather bulletins/advisories to all concerned local DRRMCs, RDRRMC member agencies, tri-media and several fishermen associations thru facsimile and SMS.
- d. Requested all PDRRMCs and RDRRMC member agencies to be on standby for possible rescue, relief and other response operations relative to the said weather disturbance.

Bureau of Fire Protection (BFP) I

- a. Formulated contingency measures and proactive steps in partnership and the needs of the emergency related services.
- b. Directed all BFP personnel to be on standby and provide assistance in case of emergency and other eventualities that may arise.
- c. Ensured the availability of fire personnel, apparatus and auxiliary units that would suit the needs of the emergency situation.
- d. Maintained vigilance and ensure prompt and effective delivery of basic emergency services.
- e. Directed all BFP operation units to conduct "Ugnayan sa Barangay" particularly on the Basic Safety Tips on what to do during disasters.

DOH I

- a. On Code Blue Status
- b. Activated the four (4) Provincial DOH Offices (PDOHO) Operations Centers to directly coordinate with respective C/MDRRMCs.
- c. Directed three (3) DOH Retained Hospitals (Ilocos Training and Regional and Medical Center, Region I Medical Center and Mariano Marcos Memorial Hospital and Medical Center) to provide medical assistance if necessary.
- d. Prepositioned a total of ₱3,248,143.03 worth of assorted drugs, medicines and logistics.
- e. Has available stockpile of assorted drugs and medicines amounting to ₱24,071,578.80 in 2 DOH I warehouses.

Police Regional Office (PRO) I

- a. Directed lower units to activate their respective Disaster Incident Management Task Group as situation may require.
- b. Coordinated with Local DRRMCs and LGUs and conducted preventive measures with the residents in coastal areas.
- c. Reminded all responders to secure/evacuate their family to safe area before disaster strikes.
- d. Strengthened resilience of emergency telecommunications equipment.
- e. Ensured readiness of the Search, Rescue and Retrieval (SRR) equipment and supplies for possible response operation.
- f. Ensured provision of police assistance for the possible evacuation of affected residents in coordination with LGUs.

PDRRMC Ilocos Norte

- a. Advised all C/MDRRMCs to be on alert status and monitor weather bulletins from PAGASA re the weather disturbance.
- b. Advised LDRRMCs to place response equipment on standby.
- c. Informed response agencies to be on alert status.
- d. Provincial Social Welfare and Development Office (PSWDO) and DPWH prepositioned relief goods to the seven (7) Resiliency Headquarter and notified C/MSWDOs to prepared evacuation centers.
- e. Provincial Health Office prepositioned medicines and advised health management group to be on alert.
- f. Prohibited children to do activities such as swimming and fishing in swollen rivers and creeks.
- g. Advised farmers to secure livestock in safe areas and fishermen not to venture out to sea.

PDRRMC Ilocos Sur

- a. On Blue Alert Status.
- b. Conducted constant weather monitoring through PAGASA.
- c. Forwarded to the different C/MDRRMCs, NGOs, PCG, PNP, BFP, AFP re the weather update & Alert Status through text and social media issued by the PAGASA.
- d. Checked that Water Search and Rescue (WASAR), Urban Search and Rescue (USA equipment and tools, rescue vehicles and rescue boats were ready for dispatch.
- e. Directed cities and municipalities to be on Blue Alert Status.
- f. Place Response Cluster and SRR Teams on standby.

PDRRMC Pangasinan

- a. On Blue Alert Status.
- b. Conducted PDRA Meeting re the said weather disturbance.
- c. Ensured strict monitoring of PAGASA's weather bulletin, San Roque Dam and Agno Flood Forecasting and warning advisories.
- d. Disseminated information on preparedness and advisories through Tri-Media and social media and ensured implementation to ensure public safety.
- e. Alerted Cities and Municipalities along the river basins to continuously monitor the water level.
- f. Prepositioned PDRRMC rescue boats at the hazard prone Municipalities of San Fabian, Bani, Dasol, Mangatarem, Calasiao, Lingayen and Mabini.

MDRRMC Bautista (Pangasinan)

- a. Raised alert status at the Emergency Operations Center to Blue Alert Status of SPM, 11 September 2017.
- b. Conducted PDRA Meeting re the said weather disturbance
- c. Disseminated preparedness and advisories through telephone calls, social media (Facebook) and Automatic Disaster Response Information System (ADRIIS) Text Blast to ensure public safety.
- d. Advised BDRRMCs Chairman/Punong Barangays to initiate pre-emptive evacuation especially those along the River Bank and High Risk Flood Prone Barangays if necessary.
- e. Alerted all Accredited Community Disaster Volunteers (ACDVs), Emergency Response Teams (ERT) and WASAR teams and vehicles to be on standby status for possible deployment.

2. REGION II**OCD II**

- a. On Blue Alert Status effective 10 September 2017, 2:00 PM.
- b. Issued CVRDRRMC Memorandum No. 17 dated 10 September 2017 re Raising of Alert Status at the Cagayan Valley DRRM Operations Center, PDRRMOC of Cagayan Province to Blue Alert Status and PDRRMOC Batanes to Red Alert.
- c. Placed Regional RETT, IMT, and RDANA Teams on standby.
- d. Established communication link with PDRRMOCs thru HF/VHF radio communications.

DOST II

- a. Continuous monitoring of Automatic Rain Gauges, Water Level Monitoring Stations, and Automatic Weather Stations to ensure that it sends data every 10-15 minutes.
- b. Continuous dissemination of weather bulletins to LGUs and concerned stakeholders and posted the same to DOST II website and official Facebook account.

DILG II

- a. Regular dissemination of weather advisories to LGUs.
- b. Close coordination with OCD II and PAGASA re situation updates.

DSWD II

- a. Alerted Social Welfare and Development (SWAD) Teams in the province of Batanes and Cagayan.

DOH II

- a. Issued Memorandum re Activation of Code Blue in PDOHO of Batanes and White Alert in DOH-RO II, DOH retained hospitals and in the PDOHOs of Cagayan.
- b. Prepositioned a total of ₱250,000.00 worth of drugs and medicines and other logistics per province.
- c. Coordinated with OCD, HEMB, PNP, BFP, and CVRDRRMC.
- d. Activated Regional Response Team and Rapid Health Assessment Team per PDOHOs.

Coast Guard District (CGD) Northern Luzon

- a. Closely monitor PAGASA weather bulletins and strict implementation of Guidelines on Movement of Vessels during Heavy Weather forecast and other PCG rules and regulations.

- b. Placed Quick Response Teams, OPCON SAR units/vessels and other responding team/units on standby.

PRO II

- a. Continuous dissemination of latest weather advisories to all PPOs and SCPO.
- b. Continuous coordination with RDRRMC II and LGUs re TY "LANNIE".
- c. All PDs and CD, SCPO ensures readiness of SAR equipment and supplies in coordination with P/MDRRMC to support the operational requirements.
- d. Continuously alerting residents living in low-lying and mountainous areas against possible flashfloods and landslides. Likewise, those living in coastal areas were alerted against huge waves or storm surges that might be generated by this weather disturbance.
- e. Advised fishermen not to venture out into the seaboards due to Typhoon.

PDRRMC Batanes

- a. Disseminated of weather updates to MDRRMOs and other member of the council.
- b. Close coordination with MDRRMCs re situation in their AOR.
- c. Distributed ropes for all municipalities for securing roofs of government offices and houses made of light materials and handheld radios to PDRRMC members and reminded to keep their units charged and open for communication purposes and designation of call/wire signs to all members.

PDRRMC Cagayan

- a. Hourly monitoring of Water level of Tuguegarao Gauging Station, Isabela, Quirino province tributaries and upper main Cagayan River including all tributaries in the province of Cagayan.
- b. Close coordination with C/MDRRMOs.
- c. Conducted inventory of resources.
- d. Continuous dissemination of weather advisories to C/MDRRMOs.

3. REGION III

OCD III

- a. Raised to BLUE Alert effective 12:00 NN, 11 September 2017 in preparation for the possible effects of Tropical Depression "MARING".

PDRRMCs Aurora, Bataan, Bulacan, Nueva Ecija, Pampanga, Tarlac, and Zambales

- a. Disseminated advisories to respective PDRRMC member-agencies.
- b. Advised all concerned to monitor the situation especially the flood- and landslide-prone areas.

4. REGION CALABARZON

OCD CALABARZON

- a. On Red Alert Status effective 11 September 2017, 6:00 PM.
- b. Reminded DRRMCs to continuously disseminate advisories through local/community leaders and/or local media to inform communities particularly residents in low-lying areas, near mountain slopes and coastal areas of possible flooding/flashfloods, landslide, storm surges and big waves.

DSWD CALABARZON

- a. Informed members of response cluster to be on standby.

- b. DMU is closely coordinating with P/C/MSWDOs for significant updates on preparedness and actions taken.
- c. Activated its Disaster Management Unit for Disaster Duty to monitor any untoward incidents and/or emergencies.
- d. Advised MSWDOs to conduct pre-emptive evacuation in any possible occurrence of flooding and landslide in the region.

DILG CALABARZON

- a. Alerted all Local Government Operations Officers to ensure the preparedness of LGUs.

PCG-STL

- a. Continuous coordination with coastal barangays and LDRRMOs.
- b. Continuously monitors the maritime situation and to avert maritime emergencies/incidents.

DOH CALABARZON

- a. Alerted all personnel to closely monitor weather conditions and any untoward incident in the Region.
- b. Ensure the availability of medicines and medical supplies to all DOH Extension Offices in CALABARZON.

AFP SOLCOM

- a. Identified strategic areas for prepositioning of quick response DRO teams.
- b. Ensured the availability of vehicles and air assets.

PRO CALABARZON

- a. On standby to provide assistance in the forced relocation/pre-emptive evacuation if need arises.

PDRRMC Cavite

- a. On Alert Status.
- b. Continuously disseminating public advisories and weather bulletin via phone calls, SMS, and social media to the respective local DRRMOs.
- c. Coordination with the C/MDRRMOs on updates from their respective Early Warning Devices.
- d. Prepositioning of standby resources.

PDRRMCs Laguna, Batangas, Rizal, and Quezon

- a. Emergency Response Teams on standby alert and ready for deployment.
- b. Instructed City and Municipal DRRMOs to monitor LGUs that are identified landslide, flood-prone, and low-lying areas.

5. REGION CALABARZON

OCD CALABARZON

- a. Raised alert status to RED as of 6:00 PM, 11 September 2017.

DSWD CALABARZON

- a. Informed members of response cluster to be on standby alert status and ready for mobilization.
- b. DMU is closely coordinating with Provincial/City/municipal Social Welfare and Development Offices for significant updates on preparedness and actions taken.

DILG CALABARZON

- a. Assisted in the dissemination of NDRRMC and RDRRMC CALABARZON weather advisories within AOR.
- b. Alerted all Local Government Operations Officers to ensure the preparedness of LGUs were undertaken.

PCG Southern Luzon

- a. Continuous coordination with coastal barangays and LDRRMOs.
- b. Monitors the maritime situation and to avert maritime emergencies/incidents.

DENR-MGB

- a. Issued advisories to LGUs that are identified on landslides and flood-prone areas.

DOH CALABARZON

- a. Alerted all personnel to closely monitor weather conditions and any untoward incident in the Region.
- b. Ensures the availability of medicines and medical supplies to all DOH Extension Offices in CALABARZON.

6. REGION MIMAROPA

OCD MIMAROPA

- a. Placed Operations Center in Alert Status re LPA and TY Talim for coordination/monitoring and assistance.
- b. Disseminated weather advisories and general flood advisories to R/P/CDRRMCs, LGUs, Local Radio Stations and line member agencies through SMS, infoboard, facsimile, and uploaded the same to OCD-RDRRMC MIMAROPA social media accounts to ensure widest dissemination of the advisories.
- c. Continuously coordinating with response agencies and monitoring of weather situation in the AOR.
- d. Coordinated with RDRRMC member agencies re Preparedness Measures for the effects of southwest monsoon.
- e. Ensure close coordination with response agencies and concerned LGUs re situation updates and the possible effects of southwest monsoon.
- f. Coordinated with Coast Guard Stations and Substation within the area re: status of port operations.
- g. Issued Memorandum regarding Blue Alert Status for TD "MARING" and TY "LANNIE" to RDRRMC Member Agencies, P/C/MDRRMOs MIMAROPA.

DILG MIMAROPA

- a. Sent advisory to all provincial offices re LPA and TY Talim.
- b. Informed and alerted field officers of possible flooding in their AOR due to heavy rains.
- c. Issued Memorandum regarding Activation of Disaster Monitoring and Reporting System for TY "LANNIE" and LPA to LGUs.

DSWD MIMAROPA

- a. Activated all P/C/M Quick Response Teams (QRTs) in 5 provinces of MIMAROPA to regularly monitor the situations in their areas.
- b. All members of R/P/C/M QRTs are on standby.

- c. Advised P/M QRTs to coordinate with concerned LGUs to report any unusual eventualities on their respective AOR.
- d. Closed coordination with the Office of Civil Defense for any warning signal updates for monitoring purposes and response mechanism for areas that will be affected.
- e. Has available stockpile of 23,995 family food packs to all SWADT and Regional Warehouses including prepositioned goods in identified GIDA/critical areas.

DOH MIMAROPA

- a. Prepositioned water disinfectant and collapsible Jerry Cans in flood prone areas of MIMAROPA and PDOHO.
- b. Advised Quad-Cluster Teams (Health, NIE, MHPSS, WASH) to be on standby for deployment and augmentation of services.
- c. Advised Human Resource Management for Health to be available on their catchment areas to augment health services and establish health assistance desk once evacuation starts.
- d. Continuous coordination and active monitoring with all PDOHO and HEMS Point Persons for any untoward incident and DOH retained hospitals and other attached agencies including entry and exit point and with other Regional agencies including, PCG, PPA, RDRRMC, OCD, LGUs, PNP station and other stakeholders
- e. Advised PDOHO to coordinate with HEMS-PHO for the health emergencies monitored, with Ports Authority and advised nearby port health facilities to be on stand-by for possible health assistance in relation to the surge of passengers with medical assistance needed and with Philippine National Police, Provincial and Municipal Disaster Risk Reduction Management Offices and other response groups in relation to the preparedness and response activities in relation to the event/s being monitored.
- f. Advised PDOHO to conduct roving to all areas of concern potential risk for mass casualty incident and evacuation.
- g. Coordinated with PDOHO's and DOH Retained Hospital in relation to the inventory of all available drugs, medicines and medical supplies including vaccines and transportation assets.
- h. Coordinated with General Services Unit for the inventory of transportation assets in the Regional Office, Provincial DOH Offices and DOH retained hospitals.
- i. Coordinated with Logistics Management Unit in relation to the availability of essential drugs/medicines and medical supplies.
- j. Coordinated with all HHEMS Coordinators in the Provinces of MIMAROPA and advised to proactively coordinate with RO HERO OpCen for and submit daily situation updates.
- k. Coordinated with Philippine Air force 505 Search and Rescue for the utilization of Air Medical Services in the Provinces of MIMAROPA as contingency for Air Medevac.
- l. Advised PAMAS Air Ambulance Services through the Provincial DOH- Palawan for possible utilization of air evacuation.
- m. Inventory of available drugs and meds in all PDOHO' S coordinated and preparation of standby drugs and meds coordinated with Logistics Management Unit.
- n. Advised PDOHO-Palawan to observed Air Medevac (Medical Evacuation Protocols).
- o. Coordinated with RESU MIMAROPA and advised to send ESR updates and notifiable diseases.

- p. Coordinated with Health Promotion Unit MIMAROPA to disseminate and establish health information kiosk to areas of gathering.
- q. Advised PDOHO to render duty at the PDRRMO Operation Center ensure seamless and effective multi agency coordination for the potential effects brought by LPA and TY TALIM in their respective catchment areas.
- r. Prepositioned drugs, medicines and medical supplies to the 4 provinces of the regions and strategic areas and areas of concern.

DOST MIMAROPA

- a. Provides update to LGUs and uploaded updates on official social media accounts.
- b. Has Automatic Rain Gauges and Water Level Monitoring Station in MIMAROPA as source of data thru "Project NOAH" and "PREDICT" websites.

DPWH MIMAROPA

- a. Alerted Maintenance crew of the District DRRM Teams to monitor condition of National Roads and Bridges and other infrastructures facilities.
- b. Placed equipment on standby ready to mobilize as situation warrants.

CGD Southern Tagalog / Palawan

- a. Advised all CG stations and substations to ensure strict implementation of Guidelines on the movement of vessels during heavy weather (HPCG Memo Circular 01-09) and in the absence of weather bulletin in the locality (HPCG Memo Circular 03-01).
- b. Deployable Response Groups (DRGs) and assets are placed on standby status 24/7.
- c. Close coordination with LGUs, and other government agencies.
- d. Continuous monitoring of situation in their respective AORs
- e. Ensure the operational status of HF and VHF radio communications in support to the province operational concern in case of power black-out.

PRO MIMAROPA

- a. Ensures the availability of search and rescue assets and personnel.
- b. Alerted all Police Provincial Office down to their lower units and continuous monitoring of situation in their respective AORs.
- c. Coordinated with PAGASA, PDRRMC and other agencies.
- d. Lower units are directed to undertake precautionary measures and other disaster preparedness activities such as the following:
 - Strengthen resilience of emergency communications
 - Ensure readiness of the SRR equipment and supplies to support operational requirements (rubber boat, utility rope, floating device, multi-tool items, 30L of GOL for generator, flashlights with extra battery, communications equipment, first aid kit, MRE, etc.)
 - Forward deployment and pre-positioning of Search and Rescue (SAR) assets
 - Coordination with Local DRRMC
 - Activation of Disaster Incident Management Task Groups (DIMG) as the situation may require

BFP MIMAROPA

- a. Constant coordination with LGUs NGOs and other government agencies to support the operational activities.
- b. Linkages/coordination with Police Forces, Barangay Officials, Tanods and Citizen Crime Watch to provide security to the evacuation centers.

- c. Alerted all BFP personnel for any disaster related response.
- d. All trucks and response asset are readily available in case needed.

MDRRMCs Busuanga in Palawan, Boac, Buenavista, Sta. Cruz, Torrijos, and Gasan in Marinduque, San Jose and Lubang in Occidental Mindoro

- a. Activated their Operations Center.
- b. Continuous monitoring of AOR and sent advisories to BDRRMCs.

7. REGION V

OCD V

- a. Participated in the National PDRA Meeting at OCD V Hadyong Hall though Skype Conference Call.
- b. On Blue Alert Status effective 11 September 2017.

Coast Guard District Bicol

- a. Implemented No Sail Policy for provinces with PSWS.
- b. Strict implementation of HPCG SOP NR 01-12 (PCG Alert and Response Procedures) and Memo Cir 02-13 (Guidelines on Movement of Vessels during heavy weather).
- c. DRU Teams on standby for possible deployment.

PDRRMCs Albay, Sorsogon, Camarines Norte, Camarines Sur, Masbate, Catanduanes and CDRRMC Naga

- a. Disseminated weather advisories and continuously monitoring their AOR.

PDRRMC Camarines Sur

- a. Issued Memorandum to all LGUs regarding Suspension of Classes in All Levels and No Sailing Policy and No Island Hopping Policy for TD "MARING"

8. National Capital Region (NCR)

OCD NCR

- a. On Blue Alert Status effective 2:00 PM, 11 September 2017.

DILG NCR

- a. Activated the Monitoring of LGU Preparedness Measures using the Operation Listo Protocol.
- b. Issued a Memorandum dated September 11, 2017 activating the Monitoring Activity.
- c. Continuous monitoring of flooded areas in coordination with DILG-NCR Field Offices.

DSWD NCR

- a. Alert and activate the Quick Response Teams.
- b. Coordinated with Metro Manila Development Authority (MMDA), Office of Civil Defense - National Capital Region (OCD-NCR) and DOST-PAGASA for advisories and updates on the tropical cyclone.
- c. Coordinated with LGUs for possible provision of augmentation support and status of possible evacuation centers for the families.
- d. Has stockpile of the following:
 - Food Items: 23, 935 boxes of FFPs and 99 sacks of NFA rice

- Non- Food Items: 3,792 pcs of Mats,— 6,643 pcs of Blankets, and 4,136 pcs of Mosquito Nets
- Standby fund – ₱3,000,000.00

DOH NCR

- Continuous monitoring of the weather situation thru social media and reports from LGUs.
- Open communication between Core Team of DOH – NCRO using handheld radios, CPs and Social Media (Messenger)
- Ensure continuity of public health programs to evacuees once evacuation areas are established and LGU reports Rapid Health Assessment to Regional Office thru the OPCEN of DOH NCRO.
- Advice all Local Government Units through their City Health Offices (HEM Managers and City Epidemiology and Surveillance Unit Officer) to be prepared and vigilant for the effects of TD Maring and encouraged to be active in disease prevention and control for any possible health risks.
- Prepositioning and stockpiling of medicines and other medical supplies, particularly CAMPOLAS Kits, Family Kits and First Aid Kits.
- Medical Teams from the different DOH Metro Manila Hospitals are on standby and ready to be deployed in case their services are needed.
- Public Health Teams (WASH, Health, Nutrition and Psychosocial Teams) are on standby.

DPWH NCR

- Declogging of drainage laterals on identified flood-prone areas.
- Continuous potholes patching and road repair.
- All district offices is on alert 24/7 maintenance crew ready for deployment as the need arises.

CDRRMC Malabon City

- Issued MMDRRMC Advisory No. 1 for TD “TALIM”.
- Warning Committee advised to conduct thorough observation/monitoring water marker and river height every hour and report all gathered information to the Chairperson.

CDRRMC Mandaluyong City

- Conducted PDRA Meeting on 11 September 2017.
- Streets that may be flooded due to continuous heavy rains were identified and specific responders have been assigned to the areas.
- Traffic Enforcement Division is ready to implement rerouting plans if flooding occurs.
- City and Barangay responders, Engineering Department, PNP, and BFP are alerted for possible deployment if needed.
- Relief packs and other supplies are already on standby.

CDRRMC Marikina City

- Continuous monitoring of water level at Marikina River and flooded streets through CCTV camera.
- Continuous monitoring of rainfall amount at the Marikina Watershed through Effective Flood Control Operation System (EFCOS).
- Rescue assets (equipment and personnel) are prepositioned for possible mobilization.

CDRRMC Muntinlupa City

- a. Activated 24/7 Emergency Operations Center.
- b. Organized Search and Rescue (SAR) Teams and Clearing Operations Teams.

CDRRMC Parañaque City

- a. Ensured the availability of response resources (manpower, supplies, etc.) and equipment to ensure effective and timely response when activated.
- b. Ensured response redundancies and back-up systems are in place.
- c. All on-call/back-up personnel to report to designated appointments as prescribed in their department/agencies' standard operating response procedures or department head.
- d. BDRRMCs have been alerted to take appropriate precautionary actions in alerting medium to high risk communities and ensuring availability of response resources.
- e. Resources on standby and prepositioned between the city's two districts.

CDRRMC Quezon City

- a. Issued Memorandum to all Disaster Action team, QCDRRMC and all BDRRMCs to remain on on-call / stand by alert status effective 111700H September 2017 due to onset of possible flooding caused by rainshowers or thunderstorms.
- b. **Quezon City DRRMO has elevated the alert status from YELLOW to ORANGE effective 8:00 AM, 12 September 2017.**

CDRRMC Valenzuela City

- a. Alerted high risk areas for flooding and landslides.
 - b. Prepositioned response and relief assets.
 - c. Prepared all evacuation centers.
 - d. Rescue personnel are on standby in case the need arises.
 - e. Rescue personnel prepositioned in flood prone areas.
-