



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. 06 re Preparedness Measures and Effects of Weather Disturbances in the Country enhanced by Typhoon "PAOLO" and a Low Pressure Area (LPA)

Releasing Officer:

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Administrator, OCD

DATE: 23 October 2017

Sources: DOST-PAGASA, DSWD, DILG, DOH, PCG, RDRRMCs/ OCDROs MIMAROPA, V, VII, IX, XII, CARAGA and ARMM

I. SITUATION OVERVIEW

15 October 2017

Intertropical Convergence Zone (ITCZ) affecting Southern Luzon, Visayas, and Mindanao.

16 October 2017

At 10:00 PM, the Tropical Storm with international name "LAN" entered the Philippine Area of Responsibility and was named "PAOLO". It has maximum sustained winds of up to 80 km/h near the center and gustiness of up to 95 km/h.

The center of Tropical Storm "PAOLO" was estimated based on all available data at 940 km East of Guiuan, Eastern Samar (11.0°N, 134.3°E). Estimated rainfall amount was from moderate to heavy within the 425 km diameter of the Tropical Storm.

Intertropical Convergence Zone (ITCZ) affecting Southern Luzon, Visayas, and Mindanao.

17 October 2017

At 11:00 AM, TS "PAOLO" has intensified into a Severe Tropical Storm as it moved over the Philippine Sea. At 10:00 AM, the center of Severe Tropical Storm "PAOLO" was estimated based on all available data at 765 km East of Guiuan, Eastern Samar (11.0°N, 132.7°E).

At 11:00 PM, STS "PAOLO" slightly intensified as it moved over the Philippine Sea. The center of STS "PAOLO" was estimated based on all available data at 675 km East Northeast of Hinatuan, Surigao del Sur (10.5°N, 132.1°E) with maximum sustained winds of up to 105 km/h near the center and gustiness of up to 130 kph.

The estimated rainfall amount was from moderate to heavy within the 450 km diameter of the Severe Tropical Storm. The outer rain bands of "PAOLO" brought scattered light to moderate with occasional heavy rains over Bicol Region, Visayas and Mindanao.

Meanwhile, the Low Pressure Area (LPA) was estimated based on all available data at 200km West Northwest of Puerto Princesa City, Palawan (10.9°N, 117.1°E). This weather system brought scattered light to moderate with possible occasional heavy

rains over Palawan embedded along the ITCZ affecting Southern Luzon, Visayas and Mindanao.

18 October 2017

At 10:00 AM today, the eye of Typhoon "PAOLO" was located based on all available data at 735 km East of Guiuan, Eastern Samar (11.8 °N, 132.4 °E). It has maintained its strength and continues to move in a North Northwest direction.

Meanwhile, the Low Pressure Area (LPA) was estimated based on all available data at 280km West of Puerto Princesa City, Palawan (9.7°N, 116.2°E). This weather system brought scattered light to moderate with occasional heavy rains over Palawan.

19 October 2017

At 10:00 PM, the eye of Typhoon "PAOLO" was located based on all available data at 930 km East NorthEast of Baler, Aurora (17.3°N, 130.1°E). It maintained its strength and moved north northwest over the Philippine Sea.

Meanwhile, the Low Pressure Area (LPA) was estimated based on all available data at 235 km North Northwest of Puerto Princesa City, Palawan (11.6°N, 117.8°E). This weather system, along with the outer rainbands of "PAOLO" and the southwesterly windflow enhanced by this Typhoon brought scattered to widespread rains and thunderstorms over Palawan, Bicol Region, Visayas, CARAGA, Northern Mindanao, Zamboanga Peninsula and ARMM.

20 October 2017

At 10:00 AM, TY "PAOLO" has slightly changed course and is now moving in a North Northeast direction with a maximum sustained winds of up to 130 kph and gustiness of up to 160 kph. At 10:00 PM, it maintains its direction and is slowly moving away from the country. Meanwhile, the LPA near Mindoro has already dissipated.

The outer rainbands of TY "PAOLO" and the southwesterly windflow enhanced by this typhoon will bring scattered to widespread rains and thunderstorm over Visayas and the regions of MIMAROPA and Bicol.

21 October 2017

At 10:00 PM, TY "PAOLO" has maintained its strength and is about to exit the Philippine Area of Responsibility (PAR) with a maximum sustained winds of up to 185 kph and gustiness of up to 225 kph. It is forecasted to move North Northeast at 27 kph.

The southwesterly wind flow enhanced by this Typhoon was forecasted to bring cloudy skies with scattered light to moderate and at times heavy rainshowers during thunderstorms over Mindanao, Western Visayas, and Palawan.

22 October 2017

At 4:00 AM, TY "PAOLO" is exited PAR and was located at 1,345 km East Northeast of Basco, Batanes with a maximum sustained winds of 185 kph near the center and gustiness of up to 225 kph.

II. EFFECTS

A. INCIDENTS MONITORED (17)

LANDSLIDE - 3

CARAGA - 1

1. On 16 October 2017, 8:00 PM, heavy rains caused a landslide along National Highway in P-4, Barangay Bangonay, Jabonga, Agusan del Norte. Three (3) houses

were totally damaged. The area is now cleared of debris as of 6:00 PM, 18 October 2017.

MIMAROPA - 2

1. On 17 October 2017, 7:00 AM, a landslide incident occurred along national road in Brgy. Napsan, Puerto Princesa City, Palawan due to continuous heavy rains. DPWH District Office conducted clearing operations to clear the road of debris. As of 17 October 2017, 10:00 AM, the road is passable to all types of vehicles. No reported casualties/damages.
2. On 17 October 2017, 7:00 AM, a landslide incident occurred along City road in Brgy. Buenavista, Puerto Princesa City, Palawan due to continuous heavy rains. Clearing operations was conducted by City Engineering Office. As of 17 October 2017, 1:00 PM the road is already passable to all types of vehicles. No reported casualties/damages.

FLOODING/FLASHFLOOD - 9

MIMAROPA - 3

1. On 17 October 2017, 6:00 AM, heavy rains caused 1.8 m flooding in Purok Reynakan and Purok Damayan in Brgy. Maoyon, Puerto Princesa City, Palawan. A total of forty-five (45) individuals were affected 45 and were evacuated to Brgy. Hall of Maoyon.
2. Around 1:00 PM of 20 October 2017, a flooding incident was reported in the intersection of Barangays Cambunang, Campaasan, and Nasukob in Bulalacao, Oriental Mindoro. Flood waters were approximately 0.5 meters deep. There are no reported evacuees as of this time. On 21 October 2017, flood waters already subsided.
3. Around 11:00 AM of 20 October 2017, another flooding incident was reported in Barangay Poblacion, Magsaysay, Occidental Mindoro. Flood waters were approximately 0.2 meters deep. On 21 October 2017, flood waters already subsided.

REGION IX - 3

1. A total of eighteen (18) barangays in Zamboanga City were affected by flashflood brought about by heavy rainfall due to ITCZ.
2. On 16 October 2017, flooding incidents occurred in the Municipalities of Siocon and Liloy in Zamboanga del Norte due to overflowed rivers (Mucas River in Liloy, and Siocon and Pisawak Rivers in Siocon).
3. At around 12:00 AM, 15 October 2017, rivers swelled in municipality of Sibuco in Zamboanga del Norte due to moderate to heavy rainfall. River beds can no longer contain the water resulting to overflow in the direction of nearby houses in Brgys. Malayal, Lintangan, Cusipan, Poblacion, and Puliran.

REGION XII - 1

1. On 18 October 2017, Barangay Kalamongog, Lebak, Sultan Kudarat was flooded due to heavy rains.

CARAGA - 1

1. On 16 October 2017, 8:00 PM, Brgy. Bangonay in Jabonga, Brgy. Poblacion 1 (Agay) in Remedios T. Romualdez, and Brgys. Poblacion 2, Pangaytan, Kasagatan in Santiago all in the Province of Agusan del Norte were flooded after a heavy downpour. All areas are now flood free as of 6:00 PM, 18 October 2017.

ARMM - 1

1. Water level in Simuay River has gradually increased due to continuous rains which caused flooding to low-lying barangays in Sultan Mastura, Maguindanao.

STRONG WINDS / BIG WAVES - 5

REGION IX - 1

1. On 15 October 2017, coastal barangays of Lingayon, Limpapa, Lambaguan, Mantivoh, Anongan, and Cawit-Cawit in Zamboanga City were hit by big waves.

REGION XII - 3

1. Big waves brought about by strong winds and heavy rainfall was experienced in three (3) coastal barangays of Kalamansig, Sultan Kudarat on 19 October 2017, around 6:00 AM. As a result, pre-emptive evacuation was conducted on the affected families currently staying at 3 evacuation centers.
2. On 18 October 2017, around 6:00 PM, big waves brought about by strong winds and heavy rainfall was experienced in the coastal barangays of Kiamba and Malapatan in Sarangani Province. A total of 87 families / 434 persons were affected and 54 families were evacuated in Barangay Evacuation Centers while some opted to stay with their relatives.
3. At around 5:00 PM on 18 October 2017, six (6) coastal barangays in Lebak, Sultan Kudarat were affected by big waves due to strong winds. The incident resulted to damaged houses and evacuation of affected families.

ARMM - 1

1. Houses were reported damaged in the municipalities of Tapul, Jolo, Kalingalang Caluang, and Pata, all in the province of Sulu due to strong winds and big waves brought about by ITCZ.

B. AFFECTED POPULATION (TAB A)

1. A total of **31,938 families / 156,356 persons** were affected in Regions VI, VII, IX, XII, CARAGA, and ARMM:

Inside **19** ECs:

1,482 families / 7,320 persons

Served Outside ECs:

26,766 families / 130,461 persons

Note: Data is still subject to change due to ongoing validation of the total number of affected families

C. SUSPENSION OF CLASSES

1. Classes in the following areas of Regions MIMAROPA, VII, VIII, and X were suspended:

AREA	LEVEL	DATE
REGION MIMAROPA		
Busuanga, Palawan	Elementary and High School	20 October 2017
Coron, Palawan	All Levels	20 October 2017
Culion, Palawan	All Levels	20 October 2017
San Jose, Occidental Mindoro	All Levels (Public)	20 October 2017
Magsaysay, Occidental Mindoro	All Levels	20 October 2017

REGION VII			
Province of Siquijor		All levels	19 October 2017
Jagna, Bohol		All levels	18 October 2017
REGION VIII			
Naval, Biliran	Elementary and High School		18 October 2017
REGION X			
Gingoog City, Misamis Oriental		All levels	20 October 2017

D. STATUS OF LIFELINES

ROADS AND BRIDGES

1. Daang Maharlika Road in Sogod, Southern Leyte were reported not passable due to landslide since 18 October 2017.
2. Dinganen Bridge in Buldon, Maguindanao was damaged due to flash flood on 18 October 2017, 9:00 AM. To date, a pathway beside the said bridge is being used as an alternate route.

POWER SUPPLY

1. As of 19 October 2017, 2:00 AM, the mainland area of the Province of Surigao del Norte (excluding Siargao Island) experienced black out due to the tripping off of electrical lines of NGCP Surigao-Placer service area brought about by strong winds. As of 19 October 2017, 7:05 A.M, NGCP has already restored its power lines. However, the Surigao del Norte Electric Cooperative (SURNECO) has not yet restored its power system due to damaged electric lines/wires. Power has been restored in mainland Surigao del Norte on 9:00 PM, 19 October 2017.
2. As of 19 October 2017, Brgy. Talon, Capitulangan, Alagatan, Maribucan, Mimbalagon, and Tinabalan in Gingoog City experienced power interruption due to toppled electric posts. As of 20 October 2017, the whole Gingoog City experienced power interruption.

E. STATUS OF PORTS

SEAPORTS

1. A total of **123 passengers** were stranded in the Ports of Bulan and Pasacao in Bicol on 21 October 2017 due to rough seas caused by strong to gale force winds associated with TY "PAOLO". **Normal port operations resumed on 20 October 2017.**

AIRPORTS

1. A total of eight (8) domestic flights were cancelled due to bad weather on 20 October 2017:

FLIGHT NO.	DESTINATION	DATE
2P 2084 / 2085	Manila – Basco – Manila	20 October 2017
M8 715 / 716	Manila – Busuanga – Manila	
T6 110 / 111	Manila – El Nido – Manila	
T6 112	Manila – El Nido	
T6 147	El Nido – Manila	

Note: 2P - PAL Express / M8 - Skyjet / T6 - Air Swift

F. DAMAGES

1. HOUSES

- a. A total of **1,104 houses** were reported damaged (530-partially / 574-totally) in Regions IX, XII, CARAGA and ARMM, with breakdown as follows:

Region/Province/ Municipality/City/Barangays	Damaged Houses		TOTAL
	Partially	Totally	
GRAND TOTAL	530	574	1,104
REGION IX			
Zamboanga del Sur	459	309	768
Zamboanga City	459	309	768
REGION XII			
Sultan Kudarat	-	55	55
Lebak	-	55	55
CARAGA			
Agusan del Norte	3		3
Jabonga	3	-	3
ARMM			
Maguindanao	1	1	2
Sultan Mastura	1		1
Buldon		1	1
Basilan	14	-	14
Tabuan Lasa	14	-	14
Sulu	22	10	32
Tapul	2	-	2
Pata	7	-	7
Kalingalang Caluang	4	1	5
Pandami	3	-	3
Pangutaran	-	1	1
Banguingui	6	8	14
Tawi-Tawi	31	199	230
Bongao	31	199	230

Source: OCD Region IX, XII, CARAGA, and ARMM

2. OTHER DAMAGES

Region IX

Zamboanga City

- Some facilities in Limpapa National High School and Sea Wall in Brgy. Patalon incurred damages due to flashflood.
- Crops and fishponds in Brgy. Vitali incurred damages due to the flashflood.
- Slope protection in Zamboanga City incurred damages due to ITCZ.

Zamboanga del Norte

- Damages to crops, infrastructure, fishing industry, and properties were reported in the municipality of Siocon due to heavy rainfall.

ARMM

Sulu

- Two (2) *Palakaya* (Small fishing vessel) were reported damaged due to big waves in Jolo Wharf.
- One (1) pump boat were partially damaged in Brgy. Pandami due to big waves.

G. DECLARATION OF STATE OF CALAMITY

1. Zamboanga City was declared under State Of Calamity with Resolution No. 1375 dated 19 October 2017.

H. COST OF ASSISTANCE

1. A total of **₱1,684,006.00** worth of assistance was provided to the affected families in **Regions VI, IX, and XII.**

Region/Province/ Municipality	Cost of Assistance		TOTAL
	DSWD	LGU	
GRAND TOTAL	1,130,760.00	553,246.00	1,684,006.00
REGION VI			
Negros Occidental	115,200.00	322,126.00	437,326.00
Ilog	115,200.00	322,126.00	437,326.00
REGION IX			
Zamboanga del Sur	1,015,560.00	-	1,015,560.00
Zamboanga City	1,015,560.00	-	1,015,560.00
REGION XII			
Sultan Kudarat	-	231,120.00	231,120.00
Kalamansig	-	231,120.00	231,120.00

Source: DSWD-FO Region VI, IX, and XII

III. DISASTER PREPAREDNESS AND RESPONSE

A. National Disaster Risk Reduction and Management Council

1. NDRRM Operations Center (NDRRMOC)

- a. Conducted Emergency Response Preparedness (ERP) re Severe Tropical Storm (STS) "PAOLO" on 17 October 2017, 10:00 AM.
- b. Issued NDRMC Memorandum No. 128 to all RDRRMCs re Submission of RDRRMC's Preparedness Actions in relation to TY "PAOLO".
- c. Issued NDRMC Memorandum to NDRMC Member-Agencies re the continuation of the Alert Status at the NDRRMOC.
- d. Continuously disseminating Severe Weather Bulletins to RDRRMCs/OCDROs concerned through SMS, facsimile, and official social media websites for further dissemination to their respective Local Disaster Risk Reduction and Management Councils (LDRRMCs).
- e. Prepared Emergency Alert and Warning Messages (EAWM) re Heavy rainfall warning due to TY "PAOLO" and forwarded the same to Telecommunications Service Providers for widest dissemination to the public.

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

- a. Provided updates on the track of the said weather disturbance and Status of monitored major dams during the ERP Meeting on 17 October 2017.
- b. Continuously disseminating Severe Weather Bulletins, General Flood Advisories, Flood Bulletins, and Gale Warnings re Typhoon "PAOLO".

3. Department of Interior and Local Government (DILG)

- a. Provided information/advisories to all concerned DILG ROs regarding the development of the TY "PAOLO" thru emails and text blasts.
- b. Instructed all concerned DILG ROs to take proactive measures in the impending disaster.
- c. Provided updates on weather alerts/advisories to all ROs and LGUs.

- d. Alerted and advised all concerned DILG Regional Offices and 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
- e. 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.
- f. Coordination with PAGASA and MGB in monitoring for updates.
- g. Continuous monitoring of all affected LGUs.

4. Department of Social Welfare and Development (DSWD)

- a. Prepositioned stockpiles and standby funds amounting to ₱ 1,029,778,311.50.
- b. DSWD-DReAMB Operations Center is on GREEN alert and place on standby for BLUE Alert Status.
- c. The Disaster Response Operations Monitoring and Information Center (DROMIC) of the DSWD-DReAMB is on standby for monitoring of disaster events and report updates.

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

- 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.

1. REGION III

Office of Civil Defense III

- a. Disseminated NDRRMC Advisories on Weather, Flooding, Thunderstorm, and Severe Weather Bulletins to all concerned Local Chief Executives, Local DRRM Officers, and Regional DRRMCs thru SMART Info-board, facsimile, and email for widest dissemination of information and warnings.
- b. Continuous close coordination with the P/M/C and member agencies regarding Typhoon "PAOLO".

2. MIMAROPA

OCD MIMAROPA

- a. On Blue Alert Status.
- b. Continuous coordination with response agency and monitoring of weather situation in area of responsibility.
- c. Ensure close coordination with response agencies and concerned LGUs re situation updates and the possible effects of TY "PAOLO" and the LPA.

DILG MIMAROPA

- a. Sent advisory to all provincial offices re TY "PAOLO".

DSWD MIMAROPA

- a. Activated all P/C/M Quick Response Teams in five (5) provinces of MIMAROPA to regularly monitor the situations in their areas.
- b. Activated all members of R/P/C/M QRTs together with special projects on a 24/7 basis in case there is any untoward incident report happened due to weather disturbance.
- c. Advised our P/MQRTs to coordinate with concerned LGUs to report any unusual eventualities in their respective areas.
- d. In close coordination with the Office of Civil Defense (OCD) for any warning signal updates for monitoring purposes and response mechanism for areas that will be affected.
- e. With available stockpile of 34,424 family food packs to all SWADT and Regional Warehouses including prepositioned goods in identified GIDA/critical areas.
- f. With available Standby funds amounting to ₱2,090,608.54
- g. Available Family Food Packs (FFPs) in DSWD MIMAROPA warehouses:

Warehouse location	# of available of family food packs
Regional office manila	6,923
Oriental Mindoro	2,946
Occidental Mindoro	3,650
Marinduque	3,136
Romblon	4,462
Palawan	2,760
Total	23,877

Department of Health (DOH) MIMAROPA

- a. Prepositioned water disinfectant and collapsible Jerry Cans in flood-prone areas of MIMAROPA and Provincial Department of Health Office (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.
- e. Continuous coordination with DOH retained hospitals and other attached agencies including entry and exit point.
- f. Continuous coordination with other Regional agencies including, PCG, PPA, RDRRMC, OCD, LGUs, PNP station and other stakeholders.
- g. Advised PDOHO to coordinate with HEMS-PHO for the health emergencies monitored.
- h. Advised PDOHO to coordinate with Ports Authority and advised nearby port health facilities to be on standby for possible health assistance in relation to the surge of passengers with medical assistance needed.
- i. Advised PDOHO to coordinate with Philippine National Police, Provincial and Municipal Disaster Risk Reduction Management Offices and other response groups in relation to the preparedness and response activities of the event/s being monitored.
- j. Advised PDOHO to conduct roving to all areas of concern especially those with potential risk for mass casualty incident and evacuation.

- k. 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.
- l. Coordinated with Human Resource Management for the inventory of RO/PDOHO warm bodies for the period of monitoring.
- m. Coordinated with General Services Unit for the inventory of transportation assets in the Regional Office, Provincial DOH Offices and DOH retained hospitals.
- n. Coordinated with Logistics Management Unit in relation to the availability of essential drugs/medicines and medical supplies.
- o. Coordinated with all HEMS Coordinators in the Provinces of MIMAROPA and advised to proactively coordinate with RO HERO OpCen for and submit daily situation updates.
- p. 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.
- q. Advised PAMAS Air Ambulance Services through the Provincial DOH-Palawan for possible utilization of air evacuation.
- r. Coordinated with Regional Epidemiology Surveillance Unit (RESU) MIMAROPA and advised to send Event-Based Surveillance and Response (ESR) updates and notifiable diseases.
- s. Coordinated with Health Promotion Unit MIMAROPA to disseminate and establish health information kiosk to areas of gathering.
- t. Advised PDOHO to render duty at the PDRMO Operations Center to ensure seamless and effective multi agency coordination for the potential effects brought by STS "PAOLO" in their respective catchment areas.
- u. Prepositioned drugs, medicines and medical supplies amounting to ₱1,471,150.24
- v. Prepositioned drugs, medicines and medical supplies in strategic areas and areas of concern amounting to ₱2,505,930.96
- w. Prepositioned water disinfectants for the onset of rainy season amounting to ₱425,000.00.
- x. Prepositioned collapsible jerry cans for the onset of rainy season amounting to ₱1,111,880.00.

DOST MIMAROPA

- a. Provides update to LGUs and uploaded updates on Facebook page thru DOST Provincial Science and Technology Center (PSTC).
- b. Monitors Automatic Rain Gauges and Water Level Monitoring Station in MIMAROPA as source of data thru "Project NOAH" and "PREDICT" website.

Department of Public Works and Highways (DPWH) MIMAROPA

- a. Alerted all maintenance crew of the District Disaster Risk Reduction and Management Teams to monitor condition of National Roads and Bridges and other infrastructure facilities.
- b. Placed all equipment on standby status for easier mobilization as situation warrants.

COAST GUARD DISTRICT SOUTHERN TAGALOG

- a. Advised all CG stations and substations are 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. Placed all Deployable Response Groups (DRGs) on standby status 24/7.
- c. Placed all assets on standby status ready for deployment on flood-prone and coastal areas.
- d. Closely monitoring weather forecast.
- e. In close coordination with LGUs, and other government agencies.
- f. Continuous monitoring of situation in their respective AORs.
- g. Ensure the operational status of HF and VHF radio communications in support to the province operational concern in case of power black-out.

COAST GUARD DISTRICT PALAWAN

- a. Advised all CG station and substation 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. Prepared PCG boarding teams, SAR assets and Deployable Response Group (CDRG) Teams and closely monitors maritime traffic and weather condition for prompt, sustained and effective implementation of existing command policies, rules and regulations and doctrines.
- c. Continuous monitoring of situation in their respective AORs.
- d. Placed assets on standby status ready for deployment on flood-prone and coastal areas.
- e. Placed Deployable Response Groups (DRGs) on standby status 24/7.

Police Regional Office 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. directed all lower units 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 (eg. 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 DRRM
 - Activation of Disaster Incident Management Task Groups (DIMG) as the situation may require

Bureau of Fire Protection (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. Prepared all trucks and response asset for easier mobilization in case needed.

CDRRMC PUERTO PRINCESA CITY, PALAWAN

- a. Distributed 125 food packs to the affected families of Brgy. Maoyon, Puerto Princesa City regarding the flooding incident.

MDRRMCs RIZAL and SAN JOSE, OCCIDENTAL MINDORO and MDRRMC BUSUANGA, PALAWAN

- a. Activated the Emergency Operations Center

MDRRMC BULALACAO, ORIENTAL MINDORO

- a. Provided hot meals to evacuees of Sitio Tabuk, Brgy. Poblacion, Bulalacao, Oriental Mindoro.

3. REGION V

Office of Civil Defense V

- a. Attended NDRRMC PDRA Meeting thru Skype on 17 October 2017 at Handyong Hall, OCD V, Camp Ola, Legazpi City.
- b. OCD V OPCEN is on BLUE ALERT STATUS effective 17 October 2017 for Typhoon "PAOLO" and Low Pressure Area.
- c. Disseminated Weather Advisory thru SMS facility.
- d. On close monitoring and continuous coordination with Local DRRMCs and Response Agencies.

DOST PAGASA

- a. Provides weather updates/advisories including localized updates and continuous weather monitoring.

DSWD V

- a. 6,408 family food packs are available at DSWD Warehouse ready for prepositioning to LGUs if the need arises.
- b. With available standby funds amounting to ₱3,517,710.34.
- c. Available food items are NFA Rice (227 sacks), corned beef (107 boxes and 20 tins), sardines (43 boxes and 4 tins), and coffee (32 boxes and 186 pieces).
- d. While non food items are malongs (46,942 pieces), laminated sacks (394 rolls), blankets (54,832 pieces), and dignity kits (7,327 pieces).
- e. PAT and MAT members are on standby and were instructed to coordinate with the P/MDRRMOs for status reports and updates.
- f. DSWD V is on continuous monitoring.

PDRRMC Sorsogon

- a. Conducts continuous monitoring and updates of the weather disturbance thru Infoboard and Infosys.
- b. Continuously coordinating with different Council Members for possible implementation of appropriate contingency plans.
- c. Dispatched relative information and updates obtained from PAGASA.
- d. Plots the coordinates provided by PAGASA to view the path of the typhoon.
- e. Ensured clear lines of communication with all DRRMOs for updates and coordination processes.
- f. Round-the-clock monitoring of further developments.

PDRRMCs Albay, Camarines Norte, Camarines Sur, Masbate, and Catanduanes

- a. Continuous monitoring of situation in their respective AORs.
- b. Dissemination of weather advisories.

CDRRMC Naga City

- a. Continuous monitoring of situation in respective AOR.
- b. Dissemination of weather advisories.

4. REGION VII

OCD VII

- a. Coordinated with Local DRRM Officers regarding the status of their areas.
- b. Coordinated with the Philippine Coast Guard in relation to the cancelled trips incoming and outgoing Central Visayas.

PCG

- a. Monitored and cancelled trips incoming and outgoing Central Visayas.
- b. Prepositioned Special Operations Group for possible deployment.

PDRRMC Bohol

- a. Alerted all City/ Municipality and monitors any untoward incident.
- b. Placed all SRR Team on standby status.

PDRRMO Cebu

- a. On standby status due to heavy rains.

MDRRMC Tudela

- a. Notified all Brgy. Captains in its Area of Responsibility (AOR) re Typhoon "PAOLO".
- b. Placed all SRR Team on standby status.
- c. Conducted clearing operation in all river/water passage way.

CDRRMC Cebu City

- a. Conducts regular broadcast thru two (2) way radio to all Brgy. Responders for constant monitoring and appropriate action in case of flood and landslide.
- b. Conducted periodic check by C-3 on partner agencies.

5. REGION VIII

OCD VIII

- a. On Blue Alert Status.
- b. Continuous dissemination of Weather Advisories and General Flood Advisories to RDRRMCs, PDRRMCs, CDRRMCs, LGUs, Local Radio Station and line member agencies through SMS, info board, facsimile and uploaded the same to OCD RDRRMC MIMAROPA Facebook and Skype accounts to ensure widest dissemination of these advisories.
- c. Continuous coordination with response agency and monitoring of weather situation in area of responsibility.
- d. Ensure close coordination with response agencies and concerned LGUs re situation updates and the possible effects of TY "PAOLO" and the LPA.

DSWD VIII

- a. DSWD is in skeletal force even with the suspension of classes and government work.
- b. Alerted SWAD Teams in all provinces for possible deployment.
- c. Prepositioned 20,000 stocks of relief items ready for augmentation in addition to the previously prepositioned goods in Local Government Units

DOH VIII

- a. Prepositioned medicines and medical supplies on standby amounting to ₱ 8.2 Million aside from the budget to DOH regular programs.
- b. Monitors vector disease and leptospirosis cases.
- c. Coordinated with Eastern Samar District Engineering Office in relation to STS "PAOLO" effects in the province.

DPWH VIII

- a. Coordinated with Eastern Samar District Engineering Office in relation to effects of Typhoon "PAOLO" in the province.
- b. Coordinate with contractors for augmentation in response operations if the need arises.

DepEd VIII

- a. Coordinated with all Division DRRM Coordinators to monitor the prevailing weather condition.
- b. Instructed all schools for the safekeeping of pertinent document/vital records of all students.
- c. Disseminated alerts and advisories through Social Media Accounts.

PCG VIII

- a. Issued no sail policy in view of the present weather disturbance.
- b. Advised fishing boats and vessels not to venture-out to sea.
- c. Coordinated with coastal barangays to not allow fishermen to venture-out to sea.
- d. Placed two (2) ERTs on standby, ready for deployment, likewise two (2) Aluminum Boats are on standby ready for dispatch.
- e. All CGDEV Station Units were advised to ensure strict implementation of HPCG Memorandum Circular Number 02-13 (Guidelines on Movement of Vessels during Heavy Weather) and HPCG Memorandum Number 03-02 (Guidelines on Vessels/Motorboats in the Absence of Weather Bulletin in the Locality).

BFP VIII

- a. Disseminated the information on the present weather condition to all BFP Stations.
- b. Conducted inventory of all BFP equipment and vehicles for possible deployment.

Philippine Army

- a. Activated TASK FORCE AYUDA.
- b. Instructed all brigades and battalions to consolidate and organize their respective DRTs.
- c. Alerted all DRTs in the Brigades and Battalions for possible deployment.

PNP-PRO VIII

- a. Alerted all Police Provincial Offices in the region in view of the present weather disturbance.
- b. All DRTs in all municipalities are available and ready for deployment.

PN (Naval Station Dioscorro Papa)

- a. Monitors present weather condition in the region.
- b. Placed vehicles on standby.
- c. In coordination with HQS for augmentation of Navy Vessel to the region.

TOG VIII, PAF

- a. On standby and readily available for deployment.
- b. Facilitation of aircraft request for deployment in the affected area, if the need arises.

LGU of Palapag, Northern Samar

- a. Raised alert status to Blue.
- b. Continued monitoring of weather situation through updates and advisories from PAGASA and OCD 8.
- c. Disseminated weather information to MDRRMC member agencies and BDRRMCs particularly coastal barangays and the general public.

- d. Prohibited fishing activities through the issuance of MDRRMC Order.

6. REGION IX

OCD IX

- a. Continuously monitoring the situation and in close coordination with Zamboanga DRRMO and DSWD IX for updates.
- b. RDRRMC IX member-agencies are on standby and ready.
- c. Conducted ocular inspection in Brgys. Labuan and Vitali.
- d. Attended the emergency meeting in CDRRMC Zamboanga City.

Regional Disaster Management Center in Pagadian City and Regional Satellite Office in Zamboanga City

- a. Manned for 24/7 monitoring, reporting, and dissemination of advisories and updates.

DSWD IX

- a. Provided Family Food Packs to the affected families and in close coordination with the concerned Field Office for updates on the status of the affected families and possible assistances needed.
- b. Conducted assessment within the AOR.
- c. Continuously coordinates with municipalities affected in Zamboanga del Norte on the status of displaced families.

DOH IX

- a. Distributed 200 jerry cans and 5 tents in Brgy. Labuan.
- b. Medicines are available and ready for distribution once requested.
- c. Continuously monitors the situation.

Coast Guard Western Command

- a. Implemented No Sail Policy within the AOR.

MGB

- a. Sent inventory of areas prone to flood and landslide.

E-Media

- a. Distributed food packs, water and used clothing to the affected families in Brgy. Labuan.

LGU Zamboanga City

- a. Distributed food packs and activated the community kitchen in the affected barangays.

CDRRMC Zamboanga City

- a. Distributed hot meals in Brgys Vitali and Mangusu.
- b. Distributed slippers in Brgy. Labuan.
- c. Called for an emergency meeting to discuss the possible declaration of State of Calamity within the City.

MDRRMCs Sibuco and Tungawan

- a. Distributed food packs to affected families.

BDRRMC Labuan

- a. Distributed non-food items, relief goods, water, and food packs to the evacuees in Labuan Central School.

BDRRMC Talisayan

- a. Provided food and non-food items to the evacuees in Talisayan National High School.

7. REGION XII**OCD XII**

- a. Continuously monitoring the incidents.

MDRRMCs Malapatan and Kiamba, Sarangani

- a. LDRRMCs affected conducted assessment and validation of the extent of damages and distributed food items to the affected families.

MDRRMC Lebak, Sultan Kudarat

- a. All affected BDRRMCs conducted assessment and validation in their respective AORs.
- b. Deployed SaR groups and volunteers with BFP and PNP to conduct evacuation of the affected families.
- c. Conducted RDANA on the affected areas.
- d. Continuous provision of food packs to IDPs.
- e. MDRRMC Lebak will convene on Monday, 23 October 2017 to discuss alternative livelihood programs and relocation of affected families.

8. CARAGA**OCD CARAGA**

- f. Office of Civil Defense operates 24/7 as in charge of the RDRRMC Operation Center.
- g. RDRRMC Chair advised all LDRRMCs to take precautionary measures for possible occurrence of flooding and landslide in their respective AOR and their local responders on standby alert status.
- h. Local DRRMCs were requested to submit situation updates within their respective AOR to RDRRMC Operations Center thru SMS, fax, or email.
- i. RDRRMC-OpCen will continue to send weather advisories and bulletins to the Local DRRMCs and other stakeholders in the region and maintain 24/7 monitoring for situation updates.
- j. RDRRMC Operations Center on Blue Alert Status to continuously monitor the situation for updates and reports on areas affected by the weather disturbances.
- k. Maintained 24/7 monitoring and coordination of incidents with RDRRMC member-agencies and LDRRMCs in the region for situational updates.

DOST-PAGASA CARAGA

- a. PAGASA disseminated General Flood Advisory (GFA) and advised the LDRRMCs to be alert for possible flashfloods and landslides especially those residents in the low-lying areas and mountain slopes.

DSWD CARAGA

- a. DSWD CARAGA prepositioned relief goods strategically in the different parts of the region and on standby alert status.

- b. Field Offices (FO) through the DReAMU, Social Welfare and Development (SWAD) Teams and Provincial/City/Municipal Action Teams were instructed to continuously monitor the situation in close coordination with the LSWDOs and LDRRMOs to ensure provision of continuous and timely updates.

DILG CARAGA

- a. DILG Regional Office advised all DILG Provincial Offices on a 24/7 monitoring.

DOH CARAGA

- a. MHO provided medical consultation and pre-emptive evacuation.
- b. Provincial DOH of Agusan del Norte Operations Center was activated.
- c. Provincial and Regional DOH offices are coordinating and closely monitoring the event with the PDRRMO.

PCG CARAGA

- a. Philippine Coast Guard suspended boat trips in all ports of Surigao del Norte including Dinagat Islands effective 7:00 AM, 18 October 2017 due to strong winds and rough seas brought about by Typhoon "PAOLO".
- b. Lifted the cancellation/suspension of boat trips in all ports of Surigao del Norte and Dinagat Islands effective, 19 October 2017, 6:00 AM as sea conditions has improved.

PNP, PA, PCG, AND BFP CARAGA

- a. All are on 24/7 monitoring and standby status.

LGU - Jabonga

- a. LGU - Jabonga extended ₱2,778.00 each to the families whose houses were totally damaged.

9. ARMM

OCD ARMM

- a. Coordinated with PDRRMC Sulu and with LDRRMO Jolo, Tapul and Pata re the Strong Wind incident.
 - b. Coordinated with PSWDO Sulu re number of affected families/persons.
 - c. Coordinated with MDRRMC Sultan Mastura re flooding incident.
 - d. LDRRMCs affected conducted assessment and validation of the extent of damages.
 - e. Continuously monitoring the situation.
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Preparedness Measures and Effects of Weather Disturbances in the Country enhanced by Typhoon "PAOLO" and a Low Pressure Area (LPA)
AFFECTED POPULATION
As of 23 October 2017, 8:00 AM

Province/Municipality/City/Barangays	AFFECTED			No. of Evacuation Centers	Inside Evacuation Centers		Outside Evacuation Center		TOTAL SERVED-CURRENT (Inside + Outside)	
	Brgys	Families	Persons		Families	Persons	Families	Persons	Families	Persons
GRAND TOTAL	139	31,938	156,356	19	1,482	7,320	26,766	130,461	28,248	137,781
REGION VI	4	3,367	16,835	4	138	690	0	0	138	690
Negros Occidental	4	3,367	16,835	4	138	690	0	0	138	690
Ilog	4	3,367	16,835	4	138	690	-	-	138	690
Region VII	7	243	1,215	3	222	1,110	21	105		65,492
Negros Oriental	7	243	1,215	3	222	1,110	21	105	243	65,492
Dumaguete City	6	55	275	2	34	170	21	105	55	40,236
Siaton	1	188	940	1	188	940	-	-	188	25,256
Region IX	51	7,646	34,705	5	878	4,331	6,482	29,046		14,980
Zamboanga del Norte	29	2,661	10,595	1	16	81	2,588	10,195	2,604	10,276
Sibuco	18	1,197	5,083	1	16	81	1,124	4,683	1,140	4,764
Siocon	11	1,464	5,512	-	-	-	1,464	5,512	-	-
Zamboanga del Sur	20	4,427	21,758	4	862	4,250	3,306	16,499	4,168	2,352
Zamboanga City	20	4,427	21,758	4	862	4,250	3,306	16,499	4,168	2,352
Zamboanga del Sibugay	2	558	2,352	0	0	0	588	2,352	588	2,352
Tungawan	2	558	2,352	-	-	-	588	2,352	588	2,352
Region XII	5	650	3,250	5	224	1,120	426	2,130		3,250
Sultan Kudarat	5	650	3,250	5	224	1,120	426	2,130	650	3,250
Kalamansig	3	642	3,210	3	216	1,080	426	2,130	642	3,210
Lebak	2	8	40	2	8	40	-	-	8	40
CARAGA	2	198	1,181	2	20	69	3	10	23	79
Agusan del Norte	2	198	1,181	2	20	69	3	10	23	79
Jabonga	1	8	23	1	5	13	3	10	8	23
Santiago	-	175	1,102	-	-	-	-	-	0	0
Remedios T. Romualdez	1	15	56	1	15	56	-	-	15	56
ARMM	70	19,834	99,170	0	0	0	19,834	99,170	19,834	99,170
Maguindanao	70	19,834	99,170	0	0	0	19,834	99,170	19,834	99,170
Ampatuan	3	646	3,230	-	-	-	646	3,230	646	3,230
Kabuntalan (Tumbao)	17	3,868	19,340	-	-	-	3,868	19,340	3,868	19,340
Mangudadatu	8	3,417	17,085	-	-	-	3,417	17,085	3,417	17,085
Northern Kabuntalan	11	2,960	14,800	-	-	-	2,960	14,800	2,960	14,800
Shariff Saydona Mustapha	5	1,812	9,060	-	-	-	1,812	9,060	1,812	9,060
Sultan Kudarat (Nuling)	16	4,980	24,900	-	-	-	4,980	24,900	4,980	24,900
Sultan Mastura	5	539	2,695	-	-	-	539	2,695	539	2,695
Sultan Sa Borongis (Lambayong)	5	1,612	8,060	-	-	-	1,612	8,060	1,612	8,060

Source: DSWD DROMIC Report #2 on the Effects of Typhoon Paolo as of 21 October 2017, 6PM
 OCD Regions IX, XII, CARAGA, and ARMM