



**NDRRMC UPDATE**

SitRep No. **02** re re Preparedness Measures and Effects of
Severe Tropical Storm "PAOLO" (I.N. LAN) as of 8:00 AM

Releasing Officer:


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

DATE : 19 October 2017

Sources: DOST-PAGASA, DSWD, DILG, DOH, RDRRMCs/OCDROs IV-B, VIII

I. SITUATION OVERVIEW**16 October 2017**

At 10:00 PM, the Tropical Storm with international name "LAN" has 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 is from moderate to heavy within the 425 km diameter of the Tropical Storm.

17 October 2017

As of 11:00 AM, TS "PAOLO" has intensified into a Severe Tropical Storm as it continues to move 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).

As of 11:00 PM, STS "PAOLO" has slightly intensified as it continues to move over the Philippine Sea. At 10:00 PM, the center of "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 is from moderate to heavy within the 450 km diameter of the Severe Tropical Storm. STS "PAOLO" may intensify into a Typhoon in the next 24 to 36 hours. The outer rainbands of "PAOLO" may bring scattered light to moderate with possible occasional heavy rains over Bicol Region, Visayas, and Mindanao.

Meanwhile, at 10:00 PM, the Low Pressure Area (LPA) was estimated based on all available data at 200 km West Northwest of Puerto Princesa City, Palawan (10.9°N, 117.1°E). This weather system will bring scattered light to moderate with possible occasional heavy rains over Palawan.

18 October 2017

At 10:00 AM, 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 280 km West of Puerto Princesa City, Palawan (9.7°N, 116.2°E). This weather system will bring scattered light to moderate with possible occasional heavy rains over Palawan.

As of 10:00 PM, the eye of Typhoon "PAOLO" was located based on all available data at 830 km East of Legaspi City, Albay (14.1 °N, 131.3 °E). Meanwhile, Low Pressure Area (LPA) was estimated based on all available data at 305km West of Puerto Princesa City, Palawan (9.3°N, 116.0°E).

The outer rainbands of "PAOLO" will bring scattered moderate to occasionally heavy rains over Bicol Region, Eastern Visayas and CARAGA. While the Low Pressure Area near Palawan will bring scattered light to moderate with occasional heavy rains over Palawan.

II. EFFECTS

A. Incidents Monitored

LANDSLIDE (3) **CARAGA**

1. On 16 October 2017, 08:00 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, October 18, 2017.

MIMAROPA

1. On 17 October 2017, 07:00 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, 07:00 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 (2) **CARAGA**

1. On 16 October 2017, 08:00 PM, Brgy. Bangonay in Jabonga, Brgy. Poblacion 1 (Agay) in Remedios T. Romuladez, 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, October 18, 2017.

MIMAROPA

1. On 17 October 2017, 06:00 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 and were evacuated to Brgy. Hall of Maoyon.

B. Damages

DAMAGED HOUSES

1. A total of three (3) houses in Jabonga, Agusan del Norte were totally damaged due to landslide.

III. DISASTER PREPAREDNESS

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 NDRRMOC Memorandum No. 128 to all RDRRMCs re Submission of RDRRMOC's Preparedness Actions in relation to STS "PAOLO".
- c. Issued NDRRMOC Memorandum to NDRRMOC 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).

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 Severe Tropical Storm "PAOLO".

3. Department of Interior and Local Government (DILG)

- a. Provided information/advisories to all concerned DILG ROs regarding the development of the STS "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

Office of Civil Defense MIMAROPA

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

DILG MIMAROPA

- a. Sent advisory to all provincial offices re STS "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

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 specially those 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 Open 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 PDRRMO 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.

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 infrastructures 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, PDRPMC 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 POL 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

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.

3. REGION V

Office of Civil Defense V

- a. Attended NDRPMC 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. Provincial Action Team (PAT) and Municipal Action Team (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.

PDRRMC Albay, Camarines Norte, Camarines Sur, Masbate, Catanduanes

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

Naga City DRRMC

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

4. REGION VIII

Office of Civil Defense VIII

- a. 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.

- 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 STS "PAOLO" and the LPA.

PCG

- 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.

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.

BFP

- 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.

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.

PA

- 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.

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.

5. CARAGA

Office of Civil Defense CARAGA

- a. 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;
- b. Local DRRMCs were requested to submit situation updates within their respective AOR to RDRRMC Operations Center thru SMS, fax, or email.
- c. 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.
- d. RDRRMC Operations Center continuously monitors the situation for updates and reports on areas affected by the weather disturbances.

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. PCG 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".

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.**
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