



NDRRMC UPDATE

Final Report on the Effects of Typhoon "BUTCHOY"

Releasing Officer

USEC BENITO T. RAMOS

Executive Director, NDRRMC, and
 Administrator, OCD

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Sources: PAGASA-DOST, PCG, DOH-HEMS, DILG, RDRRMCs/OCDRC I, II, III, IV-A, IV-B, V, VIII, NCR, CAR

I. Chronology and Track of Typhoon Butchoy (Guchol)

June 14, 2012 - The tropical storm over the Caroline Island entered the Philippine Area of Responsibility (PAR) and was named Tropical Storm "BUTCHOY" (GUCHOL). It slowed down and maintained its strength.

June 15, 2012 - Tropical Storm "BUTCHOY" slightly intensified as it continued to move in a West Northwest direction. It maintained its strength as it moved closer to Eastern Samar and moved in a North Northwest direction.

June 16, 2012 - TS BUTCHOY intensified into a typhoon and moved in a North Northwest direction. It maintained its strength as it continued to move in a North Northwest direction.

June 17, 2012 -Typhoon "BUTCHOY" intensified further as it accelerated in a north northwest direction and still maintaining its strength as it continued to move northward.

June 18, 2012 - Typhoon "BUTCHOY" slightly weakened as it moved in a north northeast direction and continued to move away from the country maintaining the north northeast direction.

Typhoon Butchoy's maximum sustained winds ranged from 95 kph -150 kph, its gustiness from 140 kph to 185 kph near the center and its movement from 22 kph-30 kph.

Satellite Picture at 8:32 p.m., 18 June 2012



II. EFFECTS

Typhoon Butchoy, the second tropical cyclone for 2012, has no significant effects in terms of affected population, casualties and damages to properties because it did not hit the mainland although its movement was very slow. Its minimal effects were the following:

The intermittent heavy rains induced by the southwest monsoon brought about by Typhoon Butchoy triggered flooding incidents in some areas in Marikina, Navotas and Malabon in NCR; Brgys Poblacion, Tabing Ilog and Nagbalon, in Marilao, Bulacan and Brgy San Juan, Guagua, Pampanga; one (1) child identified as Kiana Maru B Obleda was reported dead (drowned) at the Bibit Falls, Sitio Bibit, Brgy Mayamot, Antipolo City, Rizal ; and three (3) sea mishaps occurred involving MV Kalayaan VII and 2 pumpboats: one unidentified and the other one Princess Loan . there were 71 families/310 persons affected: 4 families/20 persons in Brgy Potrero , Malabon; 65 families/ 280 persons in Brgys Banaba, Sta Ana, Campit and Dulong Bayan, San Mateo, Rizal and 2 families/10 persons in Daram, Samar.

Status of Dams/ Rivers Monitoring

The **Ipo Dam** opened 1 gate by 30 cm at 6:30 AM of June 18, 2012 with a total discharge of 47.9 cm. In view of the above, residents were advised for any possible increase in the water level downstream which was expected to affect the low-lying areas along the Angat River from Norzagaray to Hagonoy. The increase of water level at **La Mesa Dam** reached up to 79.79 cm. Residents living in the low-lying areas along Tullahan River, Fairview, Novaliches and the CAMANAVA areas were advised to be on alert in view of the continuing increase that might cause excess water to overflow and affect downstream areas. **Bustos Dam's** water level reached up to 17.47 cm at 7:30 AM, 18 June 2012. Hence, two (2) gates were opened and discharged 48 cms waters and the gates were closed around 1:30 PM on the same day. Water level of **San Mateo River** reached up to 18 cm deep while the **Wawa River** rose to 25 cm deep.

Status of Roads and Bridges Monitoring

In **Malabon City**, 5 road sections were flooded namely: Sitio 6 Gov Pascual (28 inches); B. Lopez Hernandez (10–12 inches); E. Baladjay Niugan Petron (20–24 inches); Canetis Borromeo (28 inches); and Paguia Lascano C4 (28 inches). These road sections were rendered impassable to all types of vehicles at the height of flooding. In **Benguet Province**, two (2) road sections namely: Kennon Road, Camp 3, Tuba and Baguio-Bua-Itogon-Dalupirip Road along (Ungkalaw section) were either closed to traffic/closed-open/ one lane passable due to landslides, ongoing clearing operations and rehabilitation works. In **Mt. Province**- the Mt. Province-Ilocos Road was closed due to recurring landslide where road clearing operation was on-going. The **Magapit Suspension Bridge, Lallo, Cagayan** was closed to traffic due to rehabilitation works.

Seaport Operations

The following trips were cancelled on June 18, 2012 due to strong winds: Liminangcong to Manila; Pasacao Port, Camarines Sur; Rio Tuba Port, Bataraza to Balabac, Palawan and Brooke's Point to Mapin, Cagayan Tawi. MBca and fishing boats with 35 GT were not allowed to sail due to gale warnings. A total of 97 passengers, 2 vessels and 1 MBanca were stranded on June 18, 2012 in Pasacao Port, Camarines Sur (61 passengers, 2 vessels and 1 MBca) and Rio Tuba Port, Palawan (36 passengers).

III. EMERGENCY PREPAREDENESS AND RESPONSE:

A. NDRRMC

Prior to the entry of Typhoon Butchoy in the Philippine Area of Responsibility (PAR), NDRRMC-OPCEN's alert status was upgraded from white alert to blue alert on June 13, 2012 and on June 15, 2012 , it was upgraded from Blue to Red Alert Status wherein member agencies rendered duty at OPCEN 24 hours to facilitate easy coordination with their local counterparts in areas likely to be hit by Butchoy.

NDRRMC OPCEN continuously disseminated NDRRMC Advisories on Severe Weather Bulletins; Gale Warnings and Flood Advisories to all regions affected through SMS and facsimile, uploaded the same at the NDRRMC Website, Facebook, and Twitter accounts for further

dissemination to their respective local Disaster Risk Reduction and Management Councils (LDRRMCs) from the provincial down to the municipal levels; disseminated the PAGASA Hydrological Dam Situationer to OCD-NCR regarding the elevation of La Mesa Dam to 79.79 m (overflow elevation is 80.15); informed RDRRMC II about the scheduled Magat Dam Water Discharge on July 16, 2012 at 5:00 AM and instructed them to dispense the same to the local media for wider and early dissemination and OCDRC III about the Ipo Dam elevation and instructed them to inform their local media for wider and early dissemination; coordinated with the AFP for an aircraft to be prepositioned at Lepaspi City as requested by OCD Region V; and directed RDRRMCs concerned through the OCD Regional Centers to undertake precautionary measures in their respective areas of responsibility (AOR) and subsequently advised local DRRMCs to initiate pre-emptive evacuation of families in low-lying and mountainous areas if situation warrants.

The Office of the President through the Executive Secretary instructed the NDRRMC to prepare a briefing for the President's appreciation regarding the preparations of TY BUTCHOY (GUCHOL). NDRRMC conducted an emergency meeting at 2:00 PM, 15 June 2012 at the Conference Room, NDRRMC Bldg, Camp Aguinaldo, Quezon City presided over by USEC Benito Ramos wherein each implementing agency presented a PPT presentation on agencies' preparedness and response measures relative to **TY BUTCHOY**.

B. MEMBER AGENCIES

NDRRMC frontline member agencies sent representative/s at the NDRRMC Operations Center to ensure quick coordination with their respective counterparts at the local level in view of the possible adverse effects of Typhoon Butchoy. Preparedness and response measures of the NDRRMC member agencies were the following:

1. **PAGASA** continuously provided NDRRMC OPCEN with General Flood Bulletins; Severe Weather Bulletins on Tropical Storm "BUTCHOY" and advised the Magat FFWS Dam Office re Commencement of Preparatory Phase of Flood Warning Operation.
2. **PCG** reiterated the observance of Memo Circular Nr 01-09 (Guidelines on Movement of Vessel During Heavy Weather) and Memo Circular 03 dated 02 Feb 2001 (Guidelines on Movements of Motorboats/ Vessels in the Absence of Weather Bulletin) and HPCG Standing Operation Procedures Nr 002-09 (Interim Guidelines on PCG Alert Condition/Levels); to take appropriate measure to avert unusual incident. **CGDBCL** alerted all CGS and Detachments within Bicol area; alerted 8 QRTs (7-man team: District HQ-2 teams, 6 stations-1 team) for possible deployment; and issued Gale Warning to stop maritime activities of the 35 below gross tonnages vessels. **CGDSTL** warned all small fishermen in reachable coastal areas within their AOR about the impending bad weather condition in the sea and not to venture anymore to the sea until bad weather condition have passed.
3. **AFP - 9ID (Army)** issued directives to all line units to put on standby alert their DRUs and assets; 901st Bde-2km 450 and 1km 250 and 21B-5km 250, 2km250 and 1 M35 truck were on standby alert; **NFSL (Navy)** alerted its Disaster Response Teams (2 Teams composed of 2 Officers and 10 Enlisted Personnel); DF 338 and DF321 seacrafts with 7 EPs each docked at Legaspi City Pier, Legaspi City and PG 378 Seacraft (Patrol Gun Boat), docked at San Pascual, Masbate; and **TOG5 (Air Force)** alerted the 10-man team for rescue operation, 1 carrier truck on standby. Two (2) UH1H at Villamor Airbase and one (1) Fixed Wing at Sangley Point Cavite are on standby alert for possible deployment in Legazpi City.
4. **PNP** directed the RDs of PROs 1,3, 4A, 4B, 5, 8 to undertake precautionary measures and other disaster response activities such as - forward deployment and pre-positioning of search and rescue assets; inform community leaders on necessary disaster preparations/actions emphasizing on pro-active actions; coordination with LDRRMC; activation of respective Disaster Incident Management Task Group (DIMTG) as the situation may require; provision of police assistance in the evacuation of the affected residents and deployment of personnel at the evacuation center; conduct of clearing operations on major thoroughfares and highways in coordination with DPWH and LGUs; and providing assistance for medical and relief operations. **PNP-PRO5** issued Memorandum directing all PPOs, Naga City Police Office and the 5th Public Safety Battalion to alert their respective Disaster Response Teams;

2 platoons consists of 60 personnel were placed on standby at the 5th Regional Public Safety Battalion with 3 trucks ready for dispatch.

5. **DILG CODIX (Central Office Disaster Information Coordinating Center)** directed all DILG Regional Directors to reactivate their respective disaster monitoring systems in anticipation of heavy rains in their AOR brought about by TS “BUTCHOY” and southwest monsoon. Likewise, directed all LCEs to convene their respective LDRRMCs. **DILG-R3** activated their disaster operation center (DOC); issued advisory/orders to all LGUs and HUC (Highly Urbanized City) Mayors to immediately convene their DRRMCs and implement Calamity Response Protocols; and directed all LCEs to observe human rights principles inside evacuation centers.
6. **DSWD** alerted their Quick Response Team at the regional level ready for deployment at any given time. SWAD teams in six (6) provinces were mobilized to closely monitor their respective areas. **Region V** had sufficient ready stockpile of family food packs at a minimum of 2,000 packs per province ready for augmentation. Prepositioned **PhP3.44 Million** standby funds and **PhP 9.21 Million** worth of relief supplies in all DSWD-FO along the typhoon path, amounting to **PhP12.65 Million**.

Field Office	Standby Funds	Relief Supplies	Total
II	860,200.00	4,785,017.65	5,645,217.65
V	385,650.55	3,608,245.32	3,993,895.87
VIII	2,191,097.21	818,650.00	3,009,947.21
Total	3,436,947.76	9,211,912.97	12,649,060.73

7. **DSWD-R3** continuously monitored and coordinated with their respective SWAD team regarding weather situation and stockpile of relief goods.
8. **DOH HEMS** was placed on Code White Alert; prepositioned drugs and medicines; and placed on standby response teams. **DOH V** was also under Code White Alert. Retained Hospitals, Provincial Health team leaders, HEMS point persons and Provincial HEMS Coordinators were enjoined to be vigilant and on stand-by/on call for immediate mobilization to actively monitor all health emergencies in the region
9. **DPWH CAR** prepositioned road clearing equipment such as: pay loader, back hoe, dump truck with crews for immediate road clearing operation at the landslide prone areas if situation warrants.
10. **BFP Offices** were placed on heightened alert status effective 15 June 2012. All Operating Units were directed to implement respective Contingency Plans; undertake proactive steps in coordination with respective DRRMCs, PNP, AFP and LGUs; maintain vigilance; and ensure prompt and effective delivery of basic rescue services and auxiliary units for any possible operational needs.
11. **DA-NIA** alerted OCDRC 2 and other concerned agencies about the scheduled dam discharge on 16 June 2012.

C. REGIONAL PREPAREDNESS AND RESPONSE:

OCD/RDRRMCs Regions I, II, III, IV-A, IV-B, V, VIII, CAR and NCR, continuously disseminated severe weather bulletins of Typhoon Butchoy, Gale Warnings and General Flood Advisories to the concerned PDRRMCs and MMDRRMCs thru SMS and facsimile; activated their respective disaster operations centers (DOCs), alerted and placed on standby their local emergency responders in terms of prepositioning their assets/resources (manpower, equipment and relief supplies) in strategic areas; and closely monitored the situation in the affected areas and the status of disaster operations thereat.

1. **Region I - the Local Dep Ed** suspended classes in some schools in Naguilian, La Union.
2. **Region II** - Personnel from PCG, PNP, Army, LGU Lallo and Brgys. Magapit and Bangag were deployed to provide safety and security in the area. An alternate means (barge, public

and private boats) were provided to the public due to the repair of Magapit Suspension Bridge in Lallo, Cagayan

3. **Region III - OCD III** disseminated the hydrological dam situationer for Ipo Dam and gale warning information to concerned PDRRMCs and local DRRMCs and closely monitored the status of dams in the region; **Dep Ed Region III** suspended classes from pre-school to high school levels in Guagua and other municipalities in Pampanga; Olongapo City, Zambales; Doña Remedios Trinidad, Norzagaray; Obando; and Marilao, Bulacan on 18 June 2012; **PDRRMC Aurora** closely monitored the weather situations in Central and Northern Aurora (DICADI Area [Dinalungan, Casiguran, Dilasag] and prepositioned food packs; and readied evacuation centers if the need arise; and **PDRRMCs Bulacan and Zambales** closely monitored their respective AORs
4. **Region IV-A - PDRRMCs Cavite, Laguna, Batangas, Quezon and Rizal and CDRRMO Tagaytay City** conducted an emergency meeting with DILG and local DRRMCs to discuss preparedness plan for Typhoon Butchoy. DRRMCs concerned were placed on standby alert; **CDRRMO Tagaytay** placed their equipment and responders on standby and advised BDRRMCs concern to take appropriate measures; **PDRRMC San Mateo** closely monitored the situation of the San Mateo River and alerted the San Mateo Rescue for possible deployment; Classes from elementary and high school in San Mateo and Rodriguez, Rizal were suspended as of 18 June 2012; **Composite SAR Team of Antipolo** conducted SAR Operations with the assistance of PCG-Head Quarters; **DRRM Antipolo** alerted municipalities in the downstream of the river for possible sightings of the victim; and the **City Social Welfare and Development Office Antipolo** extended assistance to the bereaved family
5. **Region IV-B - RDRRMC IV-B** coordinated with nearby Coast Guard Detachments re SAR Operations of the three (3) missing fishermen from Corcuera, Romblon; continuously monitored seaport operations and weather situation in their AOR; and disseminated Weather Bulletins and Gale Warnings to P/CDRRMCs, LGUs and member agencies through SMS and facsimile
6. **Region V - RDRRMC V** continuously disseminated warning information to the RDRRMC member agencies, local DRRMCs and local media thru OCD Info board and uploaded same to OCD/RDRRMC's facebook to ensure public safety particularly those in the landslide prone area; and conducted inventory of relief supplies /items for possible distribution; **PDRRMCs Albay, Camarines Norte, Camarines Sur, Catanduanes and Sorsogon** continuously issued weather advisories to all C/MDRRMCs/MOs/ABC Presidents through SMS, Email and facsimile for further dissemination to their respective BDRRMCs and advised them to take appropriate preparedness measures; and **PDRRMC Catanduanes** alerted the WASAR teams in 11 municipalities for possible SAR operations
7. **OCD Region VIII-** Disseminated weather advisories to **RDRRMC member agencies**, concerned LDRRMC and media for appropriate action; directed the following response teams on standby for possible deployment: Philippine. Coast Guard-Disaster Response Team (Tacloban City), Catarman Rescue (Northern Samar), Catbalogan Rescue, Southern Leyte Provincial Disaster Response Team, Guiuan Rescue, Bureau of Fire Protection-Emergency Management Team (Tacloban City), Eastern Visayas Regional Medical Center-Emergency Medical Responders (Tacloban City) and PDRT Maasin (Southern Leyte)
8. **NCR - DepEd, CHED and the LGUs in Marikina, Navotas, Malabon, Pasay City, Quezon City, Caloocan City and Valenzuela City** suspended respective classes at all levels (public and private) due to flooding caused by continuous heavy rains; **DRRMO Malabon** conducted Libreng Sakay in coordination with PNP using the PNP 6x6 truck and Leonel truck; prepositioned rubber boats and 6X6 trucks in case of rescue operation in the flooded areas; propositioned all assets from LGUs; and ensured adequate stockpile of relief goods and medicines from CSWD and Health Office; **DRRMO San Juan** coordinated with Brgy. Captains in flood-prone and accident-prone areas to monitor possible incidents and flooding.

This is in coordination with PNP, BFP, San Juan Falcon Volunteer Fire Brigade and City Public Order and Safety Office; **DRRMO Quezon City** dispatched one (1) rescue boat with four (4) WASAR personnel to conduct rescue operation at Brgy. Roxas, Sto. Domingo and Mariblo; rescued four (4) trapped victims submerged in flood water in Brgy. Sto. Domingo; dispatched another team with one (1) rescue boat and four (4) WASAR personnel, and one ambulance with four (4) medical personnel to rescue an L300 van which was submerged in a 5 feet deep flood along Valencia St., West Riverside, Brgy. Del Monte; and rescued the driver who was trapped inside the van; **CD NCRO** advised members of MMDRRMCs, LDRRMCs, Civil Defense Action Group (CDAG) and Outdoor Advertising Association of the Philippines (OAAP) to undertake precautionary measures in their respective area of responsibility (AOR); to preposition their assets in strategic areas; to initiate pre-emptive evacuation of their constituents in the low-lying areas, and to submit their respective action plan for TS "BUTCHOY". Further advised OAAP to roll down all their billboard/tarpaulins in areas that maybe affected by strong winds and gustiness; and **OCD-NCR Task Force** was activated effective 8:00 AM, 18 June 2012.

9. **CAR** – OCD-CAR activated its OPCEN to Blue Alert status; disseminated weather bulletins to all LDRRMCs utilizing the OCD Info board, email, social media network and SMS in disseminating weather updates and advisories; and coordinated with DPWH for the road conditions and LDRRMOs for the weather situation in their respective AORs.
 10. **OCD VIII** - PCG and PNP Daram immediately initiated SAR operations for the capsized unidentified pumpboat in Daram, Samar with 10 persons on board.
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