



REPUBLIC OF THE PHILIPPINES  
**NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL**

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

## **NDRRMC UPDATE**

**Final Report re Effects of Typhoon "KABAYAN" (MUIFA)**

**Glide No. TC-2011-000099-PHL**

**(July 28-August 5, 2011)**

**Releasing Officer:**

  
**USEC BENITO T. RAMOS**  
Executive Director, NDRRMC and  
Administrator, OCD

Sources: DOST-PAGASA, DPWH, AFP-NCRCOM, RDRRMC/OCDRCs I, III, IV-A, IV-B, VI, VII, NCR and CAR

### **I. SITUATION OVERVIEW**

#### **A. CHRONOLOGY OF TYPHOON" KABAYAN"**

**July 28, 2011** Tropical depression (TD) located East of Visayas entered the Philippine Area of Responsibility (PAR) and intensified into a Tropical Storm (TS) named "KABAYAN"

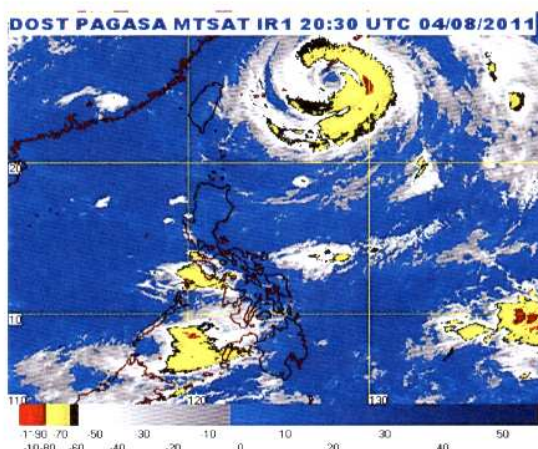
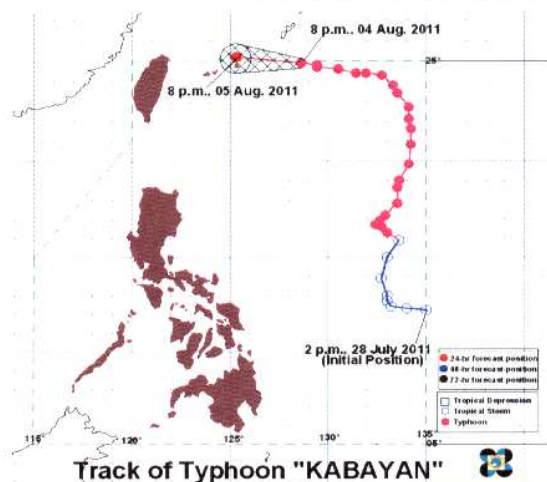
**Jul 29-30, 2011** TS "Kabayan" maintained its strength as it moved North Northwestward and slightly intensified into a **typhoon** as it moved Northward,

**Jul 31-Aug 1, 2011** Typhoon Kabayan maintained its strength as it continued to move Northward and slightly weakened and maintained its strength as it moved North Northwest

**Aug 2-3, 2011** Typhoon Kabayan maintained its strength as it moved in a West Northwest direction

**Aug 4, 2011** TY "Kabayan" slightly weakened as it moved Westward

**Aug 4- 5, 2011** TY "Kabayan" slightly weakened as it moved Westward and weakened further as it exited out of the country.  
Said weather disturbance enhanced the southwest monsoon and brought rains over the western sections of Southern Luzon, Visayas and Mindanao



## **B. EFFECTS**

### **INCIDENTS MONITORED**

During the passage of Typhoon Kabayan there were 18 emergency incidents monitored in Regions I, III, IV-A, VI, VII and NCR : 10 floodings, 30 landslides, 1 tornado, and 2 sea mishaps affecting several barangays in ten (10) provinces , seven (7) cities ,23 municipalities and ----- brgys

### **FLOODING - 10**

#### **Region I - 2**

**Pangasinan - Sta. Barbara** (Brgys Basnaoang, Maningding, Poblacion Norte, Nilombot, Banzal and Erfe) (floodwater subsided); **Calasiao** (Brgys. Talibaew, Longos and Banaoang,)(subsidied); and **Laocac** (Brgys. Immanduyan and Nambagatan) (subsidied)

#### **Region III - 2**

**Bulacan (1-3ft):** 17 barangays (San Jose City (1); Meycuayan City (5); Marilao (7); Bocaue (2); Sta Maria (1); and Balagtas (1), **Tarlac (3-4ft):** Brgy. Salumague, Paniqui; and **Pampanga (0.5-2ft):** Macabebe (4); Masantol (9); and Guagua (13) (low-lying) - still flooded

#### **Region IV-A - 2**

**Batangas:** Calatagan and Malvar

**Antipolo City:** VV Soliven St. Brgy Mayamot - impassable to all types of vehicles

**Cavite:** the following areas and bridges were flooded due to the overflowing of Imus and Zapote Rivers caused by high tide and continuous downpour/ heavy rains:

- **Sta. Rosa** (water of Ilang-Ilang River in Noveleta Bridge in Brgy. Poblacion is in critical level due to heavy rains and high tide)
- **Bacoor** (Brgys. Niog 1 and 2, Malumot, Daang Hari Bukid, Mabolo and Anihan) (knee deep); Brgys Alima, Mambog 1, Niog 2 and Panapaan 3 (leg deep); Ligas 2, 3, Panapaan 1, 6 and 7, San Nicolas 1 and Zapote 3 (knee to thigh deep)
- **Kawit** (Brgys. Wakas, Poblacion, Gahak, Marulas, Manggahan, Tabon 2, Putol and Batong Dalig (Knee deep)
- **Imus** (Brgy Palico 1 and 2, Kalawangan Bridge in Brgy. Medicion 2-D (knee to thigh deep); Brgys Anabu and Palanas - (knee-deep)
- **Aguinaldo** (Taru Piche Bridge in Brgy. Basilen connecting Maragondon overflowed affecting Brgys. Batas, A Dalusag, Narvaez, Kabulusan, Kaymiskas and Sitio Cubao)

#### **NCR - 4**

**Manila:** UN Avenue, Adriatico and Mabini Harrison (knee high deep) and 24 road sections in (Districts IV and V) - 6-14 inches floodwaters); **Makati:** 9 road sections (5-16 inches); **Valenzuela:** 6 road sections (6-9 inches); and **Quezon City:** Del Monte (knee deep) – not passable to light vehicles; Visayas Ave fronting DENR and PIA and Quezon Circle fronting QC City Hall gutter-deep), Araneta Avenue (leg deep) and Aurora Blvd. from Mercury Drug-15<sup>th</sup> Avenue - half-gutter deep). Floodwaters in the above areas have already subsided

### **TORNADO - 1**

**Region III**

**Bulacan** - Brgy. San Jose Paombong with four (4) families affected and four (4) houses damaged

**LANDSLIDES – 5**

**Region VII**

**Bohol** (Maribojoc at a quarry site in Sitio Abatan, Barangay Lincod

**Region IV-A**

**Antipolo City** (Unit 5 Sitio Pagria, Brgy Mayamot) said landslide buried the house of Constantino Bejuna and Lucy Bejuna (previously reported as Josie Caayon) with 7 children. All the family members are safe but the house was totally damaged. Two (2) houses, one owned by a certain Lydia Atibagos and another by a certain Rey and Rama Moncada were also partially damaged

**Cavite** - Brgy . Alpi, Alfonso ( no reported casualty)

**Region III**

**Zambales** – Sitio Malinta, Purok 7, Asinan Proper, Subic

**Region VI**

**Antique** (Sitio Nagsungaw, Brgy. Walker, San Remegio) – affected six (6) families with damage to crops worth Php 35,000 but no casualties were reported

**MARITIME INCIDENTS - 2**

**Region III**

On 28 July 2011, a motorized banca with eight (8) fishpond workers on board capsized between the waters of Hagonoy, Bulacan and Pampanga Delta due to big waves and strong winds

**Region VI**

At around 4:50 AM 31 July 2011, Coast Guard Action Center (CGAC) received a call that MV Asia Malaysia (a Steel Hulled Passenger/ Cargo), with 9 officers and 35 crew/ ancillaries, 18,000 liters SFO (40% bunker, 60% diesel) and 8,000 diesel on board, listed to starboard while underway at the vicinity between Panay island and Bacolod City and reported sank around 8:50 AM, 31 July 2011, after the passengers were rescued. Said vessel, owned by Trans Asia Shipping Line Inc., departed from Cebu City Port at 6:00PM ,30 July 2011 bound for Iloilo

**POPULATION AFFECTED: (Tab A)**

A total of **23,238 families / 93,888 persons** were affected in seventy seven (77) Barangays, eighteen (18) Municipalities, seven (7) cities, and eight (8) Provinces in Regions I, III, IV-A, VI and NCR

Total number I served both inside and outside evacuation centers was **757 families / 3,477 Persons\_(cumulative )**

**CASUALTIES:**

**DEAD - 8**

Region/	Name	Age	Gender	Address	Remarks
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Province					
<b>Region I (2)</b>					
La Union	Julient Estellore Y Ramos	30	Male	Purok 7 Puraw Kadaratan, Brgy., Pudoc Bauang	Body found floating on the shoreline of Sitio Puraw
Pangasinan	Samuel Estabillo y Lachica	53	Male		Cadaver recovered at Abenieng River, Sitio Estaris, Brgy. San Jose, San Jacinto
<b>Region III (3)</b>					
Bulacan	Liberato Yumul	40	Male	San Roque, Hagonoy	Fishpond Workers boarded in a motorized banca capsized in the vicinity of Hagonoy, Bulacan and Pampanga Delta on 28 July 2011. The cadavers were found in Corregidor and Pampanga River (Macabebe) on 29 July 2011
	Jason Reyes	30	Male	San Roque, Hagonoy	
Pampanga	Arnel Salazar Bato	31	Male	Brgy. Del Carmen, Florida-blanca	On July 31, 2011 victim while running to avoid the rain slipped off and fell down the river and was taken by strong current. The body was found at Brgy. Sta. Rita, Lubao, River portion late afternoon of the same day.
<b>NCR (1)</b>					
Quezon City	Unidentified	50	Female	Brgy Village, Talayan	Drowning (recovered in Talayan Creek) * Southwest monsoon, body still unclaimed
<b>Region VII (2)</b>					
Bohol	Junrey Modas Potat	4	Male	Cortes, Bohol	Landslide incident in Brgy. Lincod, Maribojoc
	Princess Joy Modas Potat	2	Female	Cortes, Bohol	Landslide incident in Brgy. Lincod, Maribojoc

## INJURED - 5

Region/Province	Name	Age	Gender	Address	Remarks
<b>Region III (1)</b>					
Bulacan	Ferdie Avendaño	47	Male	San Jose, Paombong	Hit by Tornado
<b>Region VII (4)</b>					
Bohol	Bonifacio Potat	24	Male	Cortes, Bohol	Landslide incident in Brgy. Lincod, Maribojoc
	Marites Modas Potat	20	Female	Cortes, Bohol	
	Jimmy Tirol	30	Male	Maribojoc, Bohol	
	Ronel Pacaña Agot	21	Male	Cortes, Bohol	

### **MISSING - 3**

Region/ Province	Name	Age	Gender	Address	Remarks
<b>Region IV- A</b>					
Cavite	Benito I. Veo	21	Male	Brgy. Tulay B, Maragondon	Drowned while crossing Mabacao River
<b>Region VIII</b>					
Eastern Samar	Nathaniel Roncales	39	Male	Hilabaan, Dolores	
	Michael Diolola	31-35	Male		

### **DAMAGED HOUSES: 86 (11 Totally / 75 Partially)**

Region/ Province/Municipality	Partially	Totally	Remarks
<b>Region III</b>	<b>73</b>	<b>10</b>	
<b>BULACAN</b>	7		
Brgy. San Jose, Paombong, Bulacan	4		Due to Tornado
Brgy. Bagong Buhay 1, San Jose del Monte City	3		Due to heavy rains
<b>ZAMBALES</b>	66	10	
Brgy. Asinan, Subic	66	10	Due to landslides
<b>Region IV –A</b>	2	1	
Sitio Pagrai, Brgy. Mayamot, Antipolo City	2	1	Due to landslides
<b><u>TOTAL</u></b>	<b><u>75</u></b>	<b><u>11</u></b>	
	<b><u>86</u></b>		

### **DAMAGES - PhP2.5 M**

#### **Private Properties**

##### **Region VII**

The estimated cost of damages to private property in Maribojoc, Bohol is **PhP500,000.00**

#### **Infrastructure**

##### **Region IV-B**

The estimated cost of damage of Tablas Circumferential Road in Alcantara, Romblon was placed at **PhP2,000,000.00**

## **II. EMERGENCY MANAGEMENT**

**NDRRMC OpCen** prepared and disseminated NDRRMC Advisories on Severe Weather Bulletins, Flood Bulletins for River Basin and Allied Rivers, General Flood

Advisories on Typhoon “KABAYAN”; and Gale Warnings, to all Chairpersons RDRRMC, PDRRMC, and OCD Regional Centers through SMS and facsimile and 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

**USEC BENITO T RAMOS** 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

**AFP-NCRCOM**

Philippine Army Disaster Response Task Unit (PA - DRTU) deployed two (2) M35 trucks, two (2) rubber boats, 1 commo van and 30 personnel on August 2 at 11:35 AM to Marikina City to conduct DRO COMNCRCOM directed other DRTUs of Major Services to be on standby alert for possible deployment and M35 trucks from Major Services GHQ and HSC to report directly to MMDA HQS for immediate deployment to the flooded areas in NCR

**A. RELIEF AND RECOVERY OPERATIONS**

**Food and Non Food Items (NFIs)**

**DSWD**

Pre-positioned Php20.95 Million (Php1.45 M standby funds and Php19.59 M worth of relief supplies) in all DSWD-FOs along the typhoon path:

<b>Field Office</b>	<b>Standby Funds</b>	<b>Relief Supplies</b>	<b>Total</b>
NCR	420,255.14	1,192,383.25	1,612,638.39
III	634,927.69	4,965,180.98	5,600,108.67
IV-A	306,605.50	13,434,292.54	13,740,898.04
<b>Total</b>	<b>1,446,131.23</b>	<b>19,591,856.77</b>	<b>20,953,645.10</b>

**COST OF ASSISTANCE**

The estimated cost of assistance provided in Regions III and NCR from the combined resources of DSWD and LGUs is **Php144,077.00:**

<b>Region/ Province/Municipality</b>	<b>DSWD</b>	<b>LGUs</b>	<b>Provincial</b>	<b>Total</b>
Region III	68,262.96	23,750.00	25,764.00	117,777.00
Tarlac				
Paniqui	12,311.00	15,250.00	8,764.00	36,345.00
Zambales				
Brgy. Asinan, Subic	55,951.96	8,500.00	17,000.00	81,451.96
NCR		26,300.00		26,300.00
Marikina City		21,300.00		21,300.00
Quezon City		5,000.00		5,000.00
<b><u>TOTAL</u></b>	<b><u>68,262.96</u></b>	<b><u>50,050.00</u></b>	<b><u>25,764</u></b>	<b><u>144,077.00</u></b>

**NDRRMC-OCD** provided PhP80,000.00 worth of financial assistance to the eight (8) dead casualties at PhP10,000.00 dead victim : two (2) in Region I, three (3) in Region III; two (2) in Region VII, and one (1) in NCR

#### **Region I**

**OCD-1, DSWD and DILG** proceeded to Bauang and provided assistance to the family of the missing fisherman

#### **Region III**

**OCD III** coordinated with the DSWD3 regarding the request of Subic for relief augmentation for the families affected by landslides

**DSWD III** extended relief assistance Subic, Zambales amounting to PhP99,410.36

**CDRRMC Olongapo** extended relief goods and provided medicines with doctors and nurses for the 100 families affected by landslides in Brgy Asinan Proper, Subic

**MSWD Subic, Zambales** distributed 76 packs of food and non-food items to the landslide victims

**MDRRMC Paniqui,Tarlac** provided assorted relief goods to the evacuees in Bacao Elementary School

**LGU Paniqui,Tarlac** provided assorted relief goods to the flood victims

**BDRRM Committee of Asinan Proper and MDRRMC Subic, Zambales** extended food assistance to the families affected by landslide in Sitio Malinta, Brgy Asinan Proper, Subic on August 4, 2011

**GMA 7 Kapuso Foundation** conducted relief operations to the families affected by the landslides with 100 packs of food and non-food items

**PRC Zambales** provided 44 family packs biscuits, 44 sets of hygiene and 60 sets of non-food-items to the evacuees

#### **Region IV-A**

**Antipolo CDRRMO, CSWDO, and Rizal PSWDO** provided assistance to the affected families in Sitio Pagrai, Brgy Mayamot

**LGU Calatagan, Batangas** provided relief goods (food and non-food items) to the affected families

### **B. SEARCH, RESCUE and EVACUATION OPERATIONS**

#### **Region I**

PCG conducted SAR operations for the missing fisherman in Bauang River

#### **Region IV-A**

**Lt. Col Detoyato** alerted CO, 16 IB, 202 Bde and 2 ID for possible rescue operations in Rodriguez and San Mateo, Rizal

#### **Region VI**

**CGAC Iloilo** coordinated with commercial vessels plying within the vicinity at sea waters of Calabazas Island, Ajuy, Iloilo for the rescue of 178 passengers of MV Malaysia Asia. Below is the breakdown of the persons rescued and the place of embarkation:

- Port of Ajuy (Rescued by FBs/Bantay Dagat) - 33
- Port of Bacolod (Rescued by MT Phil Visayas) - 103

- Port of Iloilo (Rescued by MV Filipinas Cebu – 42)

**PDRRMC Iloilo and MDRRMC Ajuy** mobilized motorbancas to help in the transfer of passengers from the vessel

**Trans Asia Shipping Lines Inc** provided assistance to the passengers and crew, as well as the passengers that were hospitalized

**301<sup>st</sup> Brigade PA –AFP** dispatched a chopper for reconnaissance operation at the sunken MV Malaysia vessel

**MARINA VI** issued a press release suspending all Trans Asia vessels and ordered the same to provide, ASAP, pertinent documents including ship's plans and drawings

### **Maritime Pollution Control (MARPOL) Efforts**

**OCD VI** sent communication informing the PDRRMCs to alert LDRRMCs to make necessary preparations for possible oil spill; help NGAs secure the area from looters; held meeting with concerned government agencies in Iloilo and MV Asia Malaysia representatives regarding victim assistance and operational plans in containment, salvaging and siphoning of oil

**PPA VI** provided berthing spaces for the fast craft vessels involved in oil spill response actions. In case oil spillage occurs, coastal areas likely to be affected are Ajuy Bay, Concepcion Bay, Tagabunhan Island and Manapla, Negros Occidental

**BRP SARV-002, DF-7 and AE-891** conducted surface monitoring at the vicinity of the sunken vessel M/V Asia Malaysia for any oil spill/sleeks

**PCG VI Helicopter 1636 from Caticlan**, conducted aerial surveillance for possible oil spillage from sunken vessel and transported a van containing Tier-1 Oil Spill Response Equipment to PCG District HQ in Ajuy, Iloilo

**PCG vessels** proceeded to the sinking site and conducted surface and underway survey with PCGA divers. One (1) helicopter conducted aerial survey and sighted oil slicks/sheen with an approximate area of 150 yards long and 30 yards wide coming from the sunken vessel. SOG Divers assessed that the volume of oil coming out from the eastern part of the ill-fated vessel was one (1) liter per minute

**MEPGRU, Civilian volunteers and PCG personnel** rigged / laid out spill boom at the vicinity of the sinking site to contain the oil spill

**PCG VI** established a Command Post at Brgy. Punta Salong, Manapla, Negros Occidental where MEPCOM Tier 1 rapid oil response equipment and Oil Spill Response Team (OSRT) personnel were brought and subsequently mobilized to prevent oil spill from reaching the coastal shores; dispatched CG Tugboat Habagat (TB 271) to Bredo Port in Bacolod City to augment the floating assets; and mobilized the Oil Spill Response Team (OSRT) personnel, CG Special Operations Group (SOG) divers to the site to spray oil dispersants. Three (3) CG vessels and one (1) PCG small craft (DF71) supported in the MARPOL operations at the sinking site

**Special Board of Marine Inquiry (SBMI)** was convened to conduct investigation on the incident. The Board gathered official statements from the passengers of MV



Asia Malaysia to shed light on the cause of the incident and had so far investigated at least seven (7) survivors

**Commander, CGDWV** sent a demand letter to the ship owner (Trans Shipping Lines Incorporated to expedite the hiring of an accredited Salvor to siphon the oil from the ill-fated ship; constantly coordinated with LGUs and coastal community leaders in the area regarding information dissemination of the preparations and coordinations being undertaken by the PCG in the containment of the oil spill.

PCG-SOG divers supervised the civilian divers from the Trans Asia Company in the conduct of survey of the fuel pipings and tanks to determine the source of spillage and help contain the oil spill from the vessel

### **Region VII**

**Maribojoc Police elements** responded to the landslide incident and brought the victims to Celestino Gallares Memorial Hospital where the physician declared Junrey and Princess Potat as dead on arrival (DOA). The Potat couple undergone medical treatment while the two other victims, Jimmy Tirol and Ronel Agot, sustained minor injuries

### **Region VIII**

**RDRRMC 8** coordinated with PCG Borongan, TOG8 PAF and PIA for SAR operations and requested for the availability of a helicopter on 4 August 2011 for the conduct of SAR for the missing fishermen

**LGU Sulat** together with PCG Borongan conducted SAR operations for the missing fishermen

## **C. CLEARING OPERATIONS**

**DPWH- CAR** conducted clearing operations and immediate repair of damaged roads in the Banaue-Mayoyao-Aguinaldo (Magpalong section) and Bagio-Bua, Itogon Roads; and Itogon-Dalupirip road

**Subic Engineering District I Office, PEO and Subic Shipyard** provided heavy equipment for clearing operations at Sitio Malinta, Subic and conducted desilting at Malinta Creek, Cabuangan Bridge in Subic, Zambales

**DPWH and LGUs Zambales** provided 1 Payloader, 1 Grader, 3 Backhoes and 6 Dumptrucks for clearing of mudslide/debris in the province

**DPWH IV-B** installed early warning signs and devices on both approaches of the damaged structure; conducted emergency repair works; and delivered the materials such as coco trunks were already delivered to the jobsite

**BFP Zambales** assessed the landslide area for possible deployment of fire trucks necessary in the clearing of debris

**MGB 3** visited /inspected the landslide area in Subic and advised residents to evacuate to safer areas and cut off power lines in affected areas to avoid further incident

## **REGIONAL PREPAREDNESS AND RESPONSE**

## Region I

**OCDRC1- activated its OPCEN/** to ensure timely and continuous dissemination of weather bulletins, flood advisories and gale warnings to all concerned; advised RDRRMC and PDRRMCs to take appropriate preparations/actions; attended media interviews and coordinated with local CG, DSWD and DILG for assistance to the family of the missing fisherman

**MDRRMC Laoac, Pangasinan** conducted an emergency meeting and ocular inspection on August 3, 2011 at the flood threatened barangays, namely Immanduyan and Nambagatan both categorized as low-lying areas

## Region III

**RDRRMC/OCDIII** disseminated domestic weather bulletins / alerts / warnings / advisories to the concerned RDRRMC III Member-Agencies, local DRRMCs, and broadcast media for widest dissemination; disseminated Hydrological Dam Situationer to the PDRRMO of Bulacan on the expected release of water from Ipo Dam along the Angat River from Norzagaray to Hagonoy to warn the residents for possible increase in the water level downstream; coordinated with PDRRMCs of Nueva Ecija, Tarlac, Bataan, Zambales, Pampanga, and Bulacan to activate their respective operations center; coordinated with Flood Forecasting and Warning System for Dam Operations (PAGASA Pampanga) for any dam discharge; alerted PRO III Regional Public Safety AFP, Provincial Disaster Response Unit, Subic Bay Metropolitan Authority and Olongapo City Rescue Team to pre-position personnel and rescue equipment in the flood-prone areas; and disseminated Gale Warnings, Severe Weather Bulletins, General Advisories on Typhoon “Kabayan” for Central Luzon, Weather Advisory for the Low Pressure Area (LPA) and Severe Weather Bulletin for Tropical Depression “Lando”

**PDRRMC Bulacan** requested the assistance of Bulacan PPO and informed the PNP station in Central Luzon and Metro Manila, as well as the 18<sup>th</sup> Special Forces of the Philippine Army of the sea mishap incident

**24<sup>th</sup> IB, PA, AFP** secured the landslide area in Subic, Zambales and was placed on alert status and assisted in the evacuation of the remaining families

## Region IV-A

**RDRRMC/OCD IV-A** disseminated NDRRMC advisories to concerned PDRRMC/PDRRMOs for further dissemination to the lower DRRMCs. RDRRMC IV-A member agencies such as PNP-PRO, SOLCOM, PCG, AFP, DILG, DOST, DSWD, DOH, DPWH, DepEd, NTC, PPA, PIA and local DRRMCs closely monitored the situation for any possible effects

**PDRRMOs Rizal and Cavite** alerted all local DRRMCs to continuously monitor the situation in their respective areas specifically the flood prone areas

**MDRRMCs** Angono, Taytay, Cainta, Teresa, Binangonan, Cardona, Morong, Pililia, Baras, Tanay, Rodriguez and Antipolo City activated their DRRM OpCens and alerted their rescue groups

**PDRRMC Batangas** was activated and the PIO, PEO, PSWDO, GSO, PHO and DepEd were placed on standby at the Batangas PDRRMO

**DSWD-IV-A FOs** continuously monitored the situation in five (5) provinces while the LGUs also monitored their respective areas specifically the coastal municipalities and barangays

#### **Region IV-B**

**RDRRMC/OCD RC IV-B** disseminated Severe Weather Bulletins to the Provincial Disaster Risk Reduction and Management Councils (PDRRMCs), LGUs, Local Radio Stations and line-member agencies through SMS; and coordinated with DPWH regarding the status of road and bridges in Romblon

#### **NCR**

**OCD NCR** prepared and disseminated Severe Weather Bulletins and Gale Warning advisories to Metro Manila DRRMCs thru SMS and Facsimile transmission for information, appropriate action and widest dissemination

**Outboard Advertising Association of the Philippines** rolled down their tarpaulin

The following agencies dispatched and placed their assets on standby

- **PCG-NCR** - 2 rescue teams with rubber boats (7-man team from SOG and PCGA)
- **DSWD-NCR** - family food packs, mats, clothing and standby funds
- **BFP-NCR** - rescue teams with rubber boats in all BFP Districts
- **CDAG** - response vehicles (4 rubber boats and 1 rescue boat)
- **MMDA** - dispatched Bayanihan Flood Alliance Zone Groups in their respective areas of assignment
- **MMDRRMC Interim Organization**

#### **CAR**

OCD-CAR/CRDRRMC-OpCen/Local DRRMs were placed on alert status at the height of the typhoon; regularly disseminated weather updates; and closely monitored AOR

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**EMERGENCY INCIDENTS MONITORED**  
**TYPHOON KABAYAN**  
**(July 28-August 5, 2011)**

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**FLOODING / FLASHFLOODS - 10**

**Region I (2)**

**Pangasinan - Sta. Barbara** (Brgys Basnaoang, Maningding, Poblacion Norte, Nilombot, Banzal and Erfe); **Calasiao** (Brgys. Talibaew, Longos and Banaoang,)); and **Laoac** (Brgys. Immanduyan and Nambagatan)

**Region III – 2**

**Bulacan (1-3 ft):** 17 barangays (San Jose City (1); Meycuayan City (5); Marilao (7); Bocaue (2); Sta Maria (1); and Balagtas (1), **Tarlac (3-4ft):** 1 Brgy. (Salumague) and Paniqui; and **Pampanga (0.5-2ft):** 26 Brgys (Macabebe (4); Masantol (9); and Guagua (13)

**Region IV-A – 2**

**Batangas:** Calatagan and Malvar

**Antipolo City:** VV Soliven St. Brgy Mayamot

**Cavite:** flooded areas due to the overflowing of Imus and Zapote Rivers caused by high tide and continuous downpour/ heavy rains:

- **Sta. Rosa** (water of Ilang-Ilang River in Noveleta Bridge in Brgy. Poblacion is in critical level due to heavy rains and high tide)
- **Bacoor** (Brgys. Niog 1 and 2, Malumot, Daang Hari Bukid, Mabolo and Anihan) (knee deep); Brgys Alima, Mambog 1, Niog 2 and Panapaan 3 (leg deep); Ligas 2, 3, Panapaan 1, 6 and 7, San Nicolas 1 and Zapote 3 (knee to thigh deep)
- **Kawit** (Brgys. Wakas, Poblacion, Gahak, Marulas, Manggahan, Tabon 2, Putol and Batong Dalig (Knee deep)
- **Imus** (Brgy Palico 1 and 2, Kalawangan Bridge in Brgy. Medicion 2-D (knee to thigh deep); Brgys Anabu and Palanas - (knee-deep)
- **Aguinaldo** (Taru Piche Bridge in Brgy. Basilen connecting Maragondon overflowed affecting Brgys. Batas, A Dalusag, Narvaez, Kabulusan, Kaymisis and Sitio Cubao)

**NCR - 4**

**Manila:** UN Avenue, Adriatico and Mabini Harrison (knee high deep) and 24 road sections in (Districts IV and V) - 6-14 inches floodwaters); **Makati:** 9 road sections (5-16 inches); **Valenzuela:** 6 road sections (6-9 inches); and **Quezon City:** Del Monte (knee deep) – not

passable to light vehicles; Visayas Ave fronting DENR and PIA and Quezon Circle fronting QC City Hall gutter-deep), Araneta Avenue (leg deep) and Aurora Blvd. from Mercury Drug-15<sup>th</sup> Avenue - half-gutter deep). Floodwaters in the above areas have already subsided

## **TORNADO - 1**

### **Region III**

**Bulacan** - Brgy. San Jose Paombong with four (4) families affected and four (4) houses damaged

## **LANDSLIDES – 5**

### **Region VII**

**Bohol** (Quarry site in Sitio Abatan, Barangay Lincod, Maribojoc

### **Region IV-A**

**Antipolo City** (Unit 5 Sitio Pagria, Brgy Mayamot) said landslide buried the house of Constantino Bejuna and Lucy Bejuna with 7 children. All the family members. the house was totally damaged. Two (2) houses, one owned by a certain Lydia Atibagos and another by a certain Rey and Rama Moncada were also partially damaged

**Cavite** - Brgy . Alpi, Alfonso ( no reported casualty)

### **Region III**

**Zambales** – Sitio Malinta, Purok 7, Asinan Proper, Subic

### **Region VI**

**Antique** (Sitio Nagsungaw, Brgy. Walker, San Remegio) – affected six (6) families with damage to crops worth Php 35,000 but no casualties were reported

## **MARITIME INCIDENTS - 2**

### **Region III**

On 28 July 2011, a motorized banca with eight (8) fishpond workers on board capsized between the waters of Hagonoy, Bulacan and Pampanga Delta due to big waves and strong winds

### **Region VI**

At around 4:50 AM 31 July 2011, Coast Guard Action Center (CGAC) received a call that MV Asia Malaysia (a Steel Hulled Passenger/ Cargo), with 9 officers and 35 crew/ ancillaries, 18,000 liters SFO (40% bunker, 60% diesel) and 8,000 diesel on board, listed to starboard while underway at the vicinity between Panay island and Bacolod City and reported sank around 8:50 AM, 31 July 2011, after the passengers were rescued. Said vessel, owned by Trans Asia Shipping Line Inc., departed from Cebu City Port at 6:00PM ,30 July 2011 bound for Iloilo

**Effects of Typhoon "KABAYAN" (Muifa)  
AFFECTED POPULATION**

Region/Province/ Mun/City	AFFECTED			Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED - CURRENT (Inside + Outside)	
	Brgys	Families	Persons	Families	Persons	Families	Persons	Families	Persons
<b>GRAND TOTAL</b>	<b>77</b>	<b>23,238</b>	<b>93,888</b>	<b>742</b>	<b>3,402</b>	<b>15</b>	<b>75</b>	<b>757</b>	<b>3,477</b>
<b>NCR</b>	<b>8</b>	<b>250</b>	<b>1,173</b>	<b>250</b>	<b>1,173</b>	<b>-</b>	<b>-</b>	<b>250</b>	<b>1,173</b>
MANDALUYONG CITY	1	5	20	5	20			5	20
MARIKINA CITY	4	213	993	213	993			213	993
QUEZON CITY	2	30	150	30	150			30	150
SAN JUAN CITY	1	2	10	2	10			2	10
<b>REGION I (ILOCOS REGION)</b>	<b>7</b>	<b>1,280</b>	<b>6,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>PANGASINAN</b>	<b>7</b>	<b>1,280</b>	<b>6,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
MANAOAG	1								
SANTA BARBARA	6	1,280	6,400						
<b>REGION III (CENTRAL LUZON)</b>	<b>53</b>	<b>21,400</b>	<b>84,855</b>	<b>293</b>	<b>1,312</b>	<b>-</b>	<b>-</b>	<b>293</b>	<b>1,312</b>
<b>BULACAN</b>	<b>21</b>	<b>12,979</b>	<b>63,933</b>	<b>135</b>	<b>670</b>	<b>-</b>	<b>-</b>	<b>135</b>	<b>670</b>
BALAGTAS (BIGAA)	1	420	2,100						
BOCAUE	2	35	170	35	170			35	170
MARILAO	7	870	3,480						
MEYCAUAYAN CITY	5	11,448	57,238						
PAOMBONG	1	4	20						
SAN JOSE DEL MONTE CITY	2	57	201						
SANTA MARIA	3	145	724	100	500			100	500
<b>PAMPANGA</b>	<b>30</b>	<b>8,263</b>	<b>20,280</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
APALIT	4	1,128	5,640						
GUAGUA	13	7,135	14,640						
MACABEBE	4								
MASANTOL	9								
<b>TARLAC</b>	<b>1</b>	<b>47</b>	<b>179</b>	<b>47</b>	<b>179</b>	<b>-</b>	<b>-</b>	<b>47</b>	<b>179</b>
PANIKUI	1	47	179	47	179			47	179
<b>ZAMBALES</b>	<b>1</b>	<b>111</b>	<b>463</b>	<b>111</b>	<b>463</b>	<b>-</b>	<b>-</b>	<b>111</b>	<b>463</b>
SUBIC	1	111	463	111	463			111	463
<b>REGION IV-A (CALABARZON)</b>	<b>8</b>	<b>302</b>	<b>1,430</b>	<b>199</b>	<b>917</b>	<b>15</b>	<b>75</b>	<b>214</b>	<b>992</b>
<b>BATANGAS</b>	<b>5</b>	<b>23</b>	<b>98</b>	<b>8</b>	<b>23</b>	<b>15</b>	<b>75</b>	<b>23</b>	<b>98</b>
CALATAGAN	1	8	23	8	23			8	23
MALVAR	4	15	75			15	75	15	75
<b>RIZAL</b>	<b>3</b>	<b>279</b>	<b>1,332</b>	<b>191</b>	<b>894</b>	<b>-</b>	<b>-</b>	<b>191</b>	<b>894</b>
ANTIPOLO CITY	1	3	13						
RODRIGUEZ (MONTALBAN)	1	103	515	18	90			18	90
SAN MATEO	1	173	804	173	804			173	804
<b>REGION VI (WESTERN VISAY)</b>	<b>1</b>	<b>6</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>ANTIQUE</b>	<b>1</b>	<b>6</b>	<b>30</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
SAN REMIGIO	1	6	30						

AFFECTED AREAS	
REGIONS	5
PROVINCES	8
CITIES	7
MUNICIPALITIES	18
BARANGAYS	77