



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

Effects of the Low Pressure Area (LPA)

Releasing Officer:

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Executive Director, NDRRMC and
Administrator, OCD

DATE : 13 December 2011, 8:00 AM

Sources: PDRRMC Negros Occ., PAGASA FFS, NAPOCOR FFWS, RDRRMC/OCDRC II, IV-B, V, VI, and NCR

I. SITUATION OVERVIEW

- At 2:00 PM, 08 December 2011, the Low Pressure Area (LPA) was estimated based on satellite and surface data at 320 km East of Southern Mindanao (6.0°N, 128.5°E)
- At 2:00 AM, 09 December 2011, the LPA was estimated based on satellite and surface data at 330 km West of Puerto Princesa (10.0°N, 115.5°E)
- At 2:00 AM, 10 December 2011, the LPA was estimated based on satellite and surface data at 400km Northwest of Puerto Princesa City, Palawan (11.5°N, 115.3°E)
- At 2:00 AM, 11 December 2011, the Low Pressure Area (LPA) was estimated based on satellite and surface data at 420km West Northwest of Puerto Princesa City, Palawan (11.2°N, 115.1°E)
- At 2:00 AM, 12 December 2011 the active low pressure area (ALPA) was estimated based on satellite and surface data at 390 km West of Puerto Princesa City, Palawan (9.5°N, 115.2°E).

Public Weather Forecast issued at 5:00 AM, 13 December 2011

- **Synopsis:** Frontal system affecting extreme Northern Luzon
- **Forecast:** Extreme Northern Luzon and Southern Mindanao will experience mostly cloudy skies with scattered rainshowers and thunderstorms becoming cloudy with widespread rains over Batanes and Calayan Group of islands. The rest of the country will be partly cloudy to cloudy with isolated rainshowers or thunderstorms.

Moderate to strong winds blowing from the Northeast and East will prevail over Northern and Central Luzon and coming from the East to Southeast over the rest of Luzon and the coastal waters along these areas will be moderate to rough. Elsewhere, winds will be light to moderate blowing from the East to Northeast with slight to moderate seas.

II. EFFECTS

1. Flooding Incidents in the following Regions:

REGION	INCIDENTS
Region II	<p>The following bridges were rendered impassable at the height of flooding:</p> <ul style="list-style-type: none"> - Annafunan and Gucab, both of Echague, Sta. Maria, Isabela - Cabagan, Sto. Tomas-Cabagan Overflow Bridge in Sta. Maria, Isabela - Alicaocao Overflow Bridge in Cauayan City, Isabela - Capatan Overflow Bridge in Tuguegarao, Cagayan - Itawes bridge in Brgy. Barbara, Piat in Cagayan
Region IV-B	- Flooding in Oriental Mindoro and Romblon reaching up to waist-deep level floodwater
Region V	<ul style="list-style-type: none"> - Overflowed Spillway in Escuela and Sta. Cruz, Casiguran, Sorsogon due to heavy rains on 08 December 2011 but still passable - A river in Palnab del Sur, Virac, Catanduanes overflowed
Region VI	- Flashflood in E. B. Magalona, Negros Occidental on or about 7:00 PM, 08 December
Region VIII	- Flashflood in Oras, Eastern Samar resulting to the rise of river water
NCR	- Some areas in Makati and Valenzuela experienced flooding

2. Affected Population

Region / Province / Municipality	No. of Barangays	Affected Families	Affected Population	Remarks
REGION II CAGAYAN Ballesteros	3	310	1,653	
Abulug	8	343	1,910	
Camanluigan	28	850	3,521	
Sub-Total	39 Barangays	1,503	7,084	
REGION IV-B ORIENTAL MINDORO Calapan	Ilaya C5/Guinobatan Lalud Tibag Bulusan Suqui Sta. Maria Village	25	125	
Sub-Total	7 Barangays	25	125	
REGION VI NEGROS OCCIDENTAL E.B. Magalona	Brgy 2 Brgy San Jose Brgy Latasan Brgy Tabigue	566 568 127 900	2,264 2,272 508 3,600	12 families who evacuated at LGU Gym at the height of flooding

	Brgy Damgo	605	2,420	immediately returned back to their respective houses when the flood subsided
	Brgy Sto. Nino	500	2,000	
	Brgy 3	528	2,112	
	Brgy Pasil	700	2,800	
	Brgy 1	220	880	
Sub-Total	9 Barangays	4,714	18,856	
TOTAL	<u>55</u>	<u>6,242</u>	<u>26,065</u>	

3. Casualties

- **Four (4) persons** were reported dead, identified as follows:

Name	Age	Address	Remarks
Region V			
1. Isidro Reyes	41 yrs.old	Antipolo del Norte, Virac, Catanduanes	Drowned while crossing the river at Crab Center, Palnab del Sur, Virac, Catanduanes on 07 December 2011. The body was recovered at 4:35 PM, 08 December 2011
Region VIII			
1. Renato Moslares	30 yrs.old	Brgy Cadian, Oras, Eastern Samar	Drowned
2. Ismael Montallana	52 yrs.old	Oras, Eastern Samar	Drowned
Region II			
1. Pedro R. Oliva	41 yrs old	San Agustin, Abulug, Cagayan	Drowned while rescuing his cattle

4. Status of Roads and Bridges

Region/Province/Location	Status
REGION IV-B (as of 4:00 PM, 12 December 2011)	
Oriental Mindoro (Calapan North Road)	
Km 39+300 Dulangan Section	Not passable due to landslides. LGUs conducting clearing operation.
REGION II (as of 9:00 PM, 12 December 2011)	
Cagayan	
Bagunot Overflow Bridge, Baggao	impassable
Abusag Overflow Bridge, Baggao	impassable
Tawi Overflow Bridge, Peñablanca	impassable
Pinacanaunan Overflow Bridge, Tuguegarao	impassable
Itawes Overflow Bridge, Tuao	impassable
Ragrag Overflow Bridge, Baggao	impassable
Isabela	
Cabagan-Sto Tomas Overflow Bridge, Sto. Tomas	impassable
Sta. Maria-Cabagan Overflow Bridge, Sta. Maria	impassable
Alicaocao Overflow Bridge, Cauayan City	impassable
Sipat Overflow Bridge, Cauayan City	impassable
Buduan Overflow Bridge, Cauayan City	impassable

5. Status of Dams and Riverways (as of 6:00 AM, 13 December 2011)

	Observation Time & Date	Reservoir Water Level (RWL) (m)	24-Hr WL Deviation	Normal High Water Level (NHWL) (m)	Deviation from NHWL (m)	Elevation from Rule Curve (m)	Deviation from Rule Curve (m)	Gate Opening
ANGAT	6:00 AM 13-Dec	214.95	-0.78	210.00	4.95	206.37	8.58	GATES / M *
	6:00 AM 12-Dec	215.73			5.73	206.32	9.41	3 GATES / 3.5 M
	6:00 AM 13-Dec	100.05			-0.15	-		GATES / M *
IPO	6:00 AM 13-Dec	100.19	-0.14	100.20	-0.01	-		5 GATES / 3.6 M
	6:00 AM 12-Dec							
	6:00 AM 13-Dec	79.45			-0.70	-		
LA MESA	6:00 AM 13-Dec	79.56	-0.11	80.15	-0.59	-		
	6:00 AM 12-Dec							
	6:00 AM 13-Dec	751.21			-0.79	752.00	-0.79	
AMBUKLAO	6:00 AM 13-Dec	751.30	-0.09	752.00	-0.70	752.00	-0.70	
	6:00 AM 12-Dec							
	6:00 AM 13-Dec	574.69			-0.31	574.58	0.11	1 GATE / 0.3 M
BINGA	6:00 AM 13-Dec	574.65	0.04	575.00	-0.35	574.65	0.00	
	6:00 AM 12-Dec							
	6:00 AM 13-Dec	277.03			-2.97	275.81	1.22	
SAN ROQUE	6:00 AM 13-Dec	277.01	0.02	280.00	-2.99	276.13	0.88	
	6:00 AM 12-Dec							
	6:00 AM 13-Dec	217.32			-3.68	211.79	5.53	
PANTABANGAN	6:00 AM 13-Dec	217.31	0.01	221.00	-3.69	211.75	5.56	
	6:00 AM 12-Dec							
	6:00 AM 13-Dec	192.97			-0.03	192.45	0.52	1 GATE / 2M
MAGAT	6:00 AM 13-Dec	193.00	-0.03	193.00	0.00	192.42	0.58	2 GATES / 4M
	6:00 AM 12-Dec							
	6:00 AM 13-Dec	287.43			-0.57	-		
CALIRAYA	6:00 AM 13-Dec	287.65	-0.22	288.00	-0.35	-		
	6:00 AM 12-Dec							
	6:00 AM 13-Dec							

SRE/DDF

Trend for the past 24 hours:
 * Deviation indicates increase from previous WL
 * Deviation indicates decrease from previous WL

Data Source: Dam Operating/Managing Agencies
 * UPDATE OF GATES OPEN AT 8AM

6. Incidents Monitored

a. SEA MISHAP

- On or about 10:30 PM 10 December 2011, the master of MV CHANG DA 216, a Belize registry vessel skippered by Captain Lin Zhiangbiao, with 15 crew on board, have declared "abandon ship" and requested for assistance. Coast Guard Station Aparri tried to render assistance but due to the prevailing weather condition (rough seas, strong winds, heavy continuous rain) was unable to do so
- Two lifeboats drifted at the shoreline of Brgy Linao, Aparri, Cagayan. Onboard the life boats were 12 foreign crew, one (1) Bureau of Customs representative, one (1) agent, and two (2) stevedores.

III. EMERGENCY RESPONSE

NATIONAL

NDRRMC OpCen

- NDRRMC Emergency OpCen was activated and BLUE ALERT was declared effective 5:00 PM, 09 December 2011 to monitor the situation and to continuously provide advisories/warnings/bulletins and related information to all concerned
- Disseminated NDRRMC Advisory on Flood Bulletins and Gale Warnings 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

- 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

PAGASA

- Continuously providing NDRRMC OpCen with updates on Low Pressure Area (LPA), Gale Warnings, and General Flood Bulletins and Flood Warnings

REGIONAL

REGION II

- **RDRRMC/OCD II** is continuously monitoring the regional situation and dissemination of Weather and Flood Bulletin Updates to Member-Agencies, Local DRRMCs, and Media (broadcast) thru facsimile and SMS
- Coordinated with PDRRMC Batanes, Cagayan, Quirino, Isabela, and Nueva Vizcaya regarding situation update
- Alerted the residents living in low-lying and mountainous areas against possible flashfloods and landslides. Likewise, those living in the coastal areas are alerted against big waves or storm surges
- **PDRRMC Cagayan dispatched one (1) team of rescuers to Ballesteros to assist in SAR and relief operations; released 600 packs of assorted goods and 800 bottles of water**
- **MDRRMC Ballesteros released two (2) sacks of rice, two (2) cases of sardines, and five (5) boxes of noodles for relief operations**
- **DSWD RFO2 augmented food and non-food items to the affected families through PDRRMC Cagayan: 250 food packs to Camalaniugan; 100 food packs, 100 packs of relief clothing, and 3 boxes of bottled water to Abulug; and 100 food packs, 100 relief clothing, and three (3) boxes of bottled water to Ballesteros**

PCG and PNP

- **Coast Guard Station Aparri with PNP Maritime Group continue SAR operations for the remaining missing crew of MV CHANG DA 216**
- **Coast Guard Station Aparri with PNP Maritime Group rescued one (1) survivor, and recovered one (1) dead body believed to be a crew member of MV CHANG DA 216. The survivor was brought to the Aparri Christian Hospital for medical attention while the dead body was brought to the Pineda Funeral Homes for proper disposition**

REGION IV-B

- Coordinates with different member agencies for possible assistance and continue to monitor the situation within the AOR

Calapan City, Oriental Mindoro

- Public Safety Department Operatives were deployed in the flooded areas
- Assets such as dump trucks, boats and rescue equipment were pre-positioned for possible evacuation
- Divine World College readied as evacuation center
- PSD, PNP and PA are closely monitoring the situation

Baco, Oriental Mindoro

- **Baco PNP** is closely monitoring the 13 affected barangays for possible evacuation and rescue operations

Mansalay, Oriental Mindoro

- **LGU and PNP** are closely monitoring the affected barangays and conducted clearing operation on the affected roads
- Residents were alerted and readied for possible evacuation

Naujan, Oriental Mindoro

- **LGU and PNP** are closely monitoring the affected barangays and residents were alerted for possible evacuation

Romblon Province

- Magdiwang LDRRMC conducted damage assessment on the affected areas

DPWH IV-B

- Installed warning signs and deployed emergency team to the area to undertake emergency works
- Conducted damage assessment and constantly monitors all other road sections in the region

AFP

- AFP Oriental Mindoro (Naujan 203rd Bgd and Mansalay 4th IB) readied 3 units of 6x6 trucks, 7 units KM450, 1 speed boat and 40 officer-led personnel for possible deployment

REGION V

- Albay, Sorsogon, and Catanduanes suspended afternoon classes on 09 December 2011 upon recommendation of Chairman, RDRRMC/RD, OCD V due to the prevailing bad weather condition with heavy rainfall brought about by Northeasterly Windflow
- Issued RDRRMC Advisory No.1 ALERT STATUS in view of any eventuality brought about by continuous rains; put on alert DRRUs and mobilized equipment for possible immediate dispatch
- Weather Updates, Flood Advisories, Gale Warnings were regularly disseminated to RDRRMC member Agencies/Support Agencies, LDRRMCs and Media and uploaded the same to OCD-RDRRMC Facebook

AFP/PCG/PNP

- 9ID (901st BDE of Albay and Catanduanes, 902nd BDE of Camarines Norte and Camarines Sur and 903rd BDE of Sorsogon and Masbate), NAVFORSOL, TOG5-PA, Philippine Coast Guard and Philippine National Police deployed equipment such as M35 trucks, rubber boat and put Disaster and Emergency Response Teams on standby alert

DOH-HEMS V

- DOH Albay is on Code White alert
- Sorsogon and Camarines Sur Provincial HEMS Coordinators were alerted and put on standby

DPWH V

- DPWH Regional Equipment Services were put on standby

PDRRMC Albay

- As of 11:36AM, 09 December 2011, **PDRRMC Chairman** ordered the suspension of all classes in all areas PHO Staff were put on alert status for immediate coordination with MDRRMCs specially Sto. Domingo wherein Boy Scout Jamboree is being held in Riviera, Sto. Domingo

- AHEM Albay Paramedic Response Unit and BRTTH are on Code White

PDRRMC Catanduanes

- PDRRMC Catanduanes continuously sending advisory to MDRRMCs and maintains coordination with LDRRMCs specially those situated in landslide prone areas
- **PDRRMC SAR Team, Coast Guard, Red Cross, PNP and Virac Rescue Teams** conducted search and retrieval operation on the drowning victim in Virac, Catanduanes

REGION VI

- **LGU E.B. Magalona** established a community kitchen to cater for the needs of the evacuees and likewise distributed family packs containing 1 kilo of rice, 1 can of sardines and 1 pack of noodles per affected family
 - Evacuees returned to their homes as the floodwater started to subside
 - **RDRRMC VI OpCen** closely monitors the situation in the region
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