




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 "LUIS" (KALMAEGI) and Other Incidents

Releasing Officer:


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Administrator, OCD

DATE : 12 – 15 September 2014

Sources: DOST-PAGASA, DENR-MGB, DSWD, DILG, PNP, BFP, AFP, PCG, DOH, DPWH, DA-BFAR, DepEd, PIA, MIAA, PRC, NGCP, NTC, PPA, RDRRMCs/OCDs I, II, III, IV-A, IV-B, V, VIII, CAR, and NCR

I. TYPHOON "LUIS" (KALMAEGI) – SITUATION OVERVIEW

A. Chronology and Tropical Cyclone Tracking

12 September 2014

- The Tropical Depression (TD) east of Visayas has entered the Philippine Area of Responsibility (PAR) and was named "LUIS". It intensified into a Tropical Storm (TS) as it continues to move over the Philippine Sea in a west northwest direction

13 September 2014

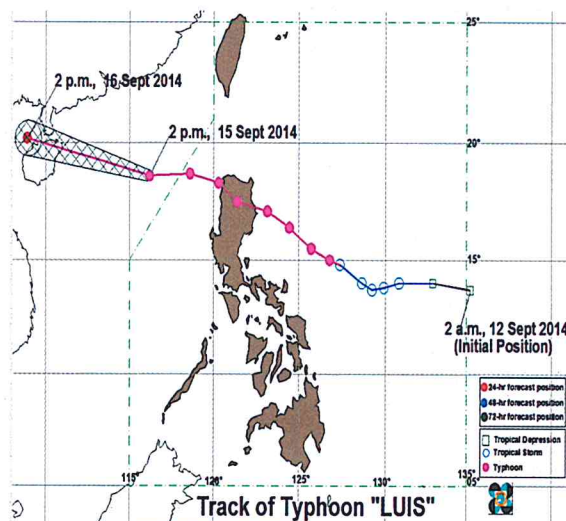
- Tropical Storm "LUIS" has maintained its strength, intensified further and accelerated as it threatens Luzon. It intensified into a Typhoon and continues to move towards Cagayan-Isabela area

14 September 2014

- Typhoon "LUIS" has maintained its strength and threatened Cagayan-Isabela area. At 5:30 PM, it made its landfall over Cagayan-Isabela boundary and eventually it slightly weakened as it continues to cross the Northern Luzon area

15 September 2014

- In the early morning, Typhoon "LUIS" was located over the West Philippine Sea, maintained its strength as it continues to move far away of the country. In the afternoon, it finally exited the Philippine Area of Responsibility and continues to move toward the southern part of China



B. Tropical Cyclone Analysis

A tropical depression (TD) was spotted on 11 September 2014 over the Caroline Islands, Pacific Ocean (outside PAR). In the early morning of 12 September 2014, the

TD entered PAR and was given a local name “LUIS”, as it gained strength and reached storm category while over East of Philippine Sea. Considering its intensity, it was also given an international name (KALMAEGI), means a “sea gull”, as dubbed by North Korea.

Tropical Storm “LUIS intensified into a typhoon while moving west northwest towards the country where the threat focused over Northern Luzon. With maximum sustained winds of 130 kph and gustiness of up to 160 kph, Typhoon (TY) “LUIS” tracked across Northern Luzon thru Isabela-Cagayan area and out over Ilocos Norte. Many parts in Luzon and Visayas experienced light to moderate rains though some have recorded moderate to heavy and heavy rains, including some recorded gustiness.

TY “LUIS” entered the Philippine Area of Responsibility on 12 September 2014 (5:00 AM) and exited on 15 September 2014 (5:00 PM). Public Storm Warning Signal Number 3 was the highest signal hoisted over some parts of Luzon.

C. Effects

1. Affected Population (Tab A)

- a. A total of **116,733 families / 508,367 persons** were affected in Regions I, II, III, IV-A, VI, CAR, and NCR.

2. Incidents Monitored (Tab B)

- a. A total of **twelve (12) incidents** were monitored as effects of TY “LUIS” in Regions I, III, and IV-B.

INCIDENT	REGION	PROVINCE / CITY / MUNICIPALITY
Flashflood / Flooding (4)	III (1)	San Miguel, Bulacan
	IV-B (3)	Paluan and Calintaan, Occidental Mindoro Cullion Palawan
Overflowed Spillway (1)	IV-B (1)	Sta. Cruz, Occidental Mindoro
Landslide (3)	I (2)	La Union and Pangasinan
	IV-B (1)	Cullion, Palawan
Collapsed Structure (1)	III (1)	San Clemente, Tarlac
Drowning (2)	I (2)	Burgos and Sison, Pangasinan
Maritime (1)	IV-B (1)	Magsaysay, Occidental Mindoro

3. Casualties

- a. **Five (5) individuals were reported dead** in Pangasinan, Nueva Vizcaya, and Cagayan, while two (2) were injured in Tuguegarao City and Nueva Vizcaya.

NAME	AGE / GENDER	ADDRESS	REMARKS
DEAD = 5			
Tomas Prino Barol	31 y.o. / M	Brgy Villaflores, Sta. Fe, Nueva Vizcaya (Region II)	At about 11:45 PM, 14 September 2014, the victim was buried alive when volume of mud and rocks eroded and buried the tent where he slept
Javier Jevania Mateo	1 mo. / M	Brgy. Sto. Domingo, Piat, Cagayan (Region II)	Hit by a tree

Dimatulak, Edmundo	40 y.o. / M	Brgy. Don Matias, Burgos, Pangasinan (Region I)	At about 5:30 PM, 15 September 2014, the victim drowned while crossing Detour Road, Madori Bridge, Brgy. Tambacan, Burgos
Sayan, Rogelio	74 y.o. / M	Brgy. Alibeng, Sison, Pangasinan (Region I)	At about 1:00 PM, 15 September 2014, the victim was swept away by strong current of water in Brgy. Alibeng, Sison. His body was recovered in Brgy. Camangaan, Binalonan, Pangasinan
Rosario, Magie	33 y.o. / F	Banzal, Sta. Barbara, Pangasinan (Region I)	Drowning
INJURED = 2			
Callueng, Edmundo	39 y.o. / M	Cataggaman, Pardo, Tuguegarao City (Region II)	Hit by falling debris. Incurred minor injury
Suarding Calpasi	67 y.o. / M	Tubungan, Kayapa, Nueva Vizcaya (Region II)	Hit by falling debris

4. Status of Strandeers

- In total, two hundred twenty-nine (229) passengers, thirty (30) rolling cargoes, and six (6) vessels were stranded in the ports of Bicol during the height of TY "LUIS".

5. Cancelled Flights

- A total of forty-three (43) domestic flights were cancelled due to bad weather

6. Suspension of Classes

- The following areas have suspended classes due to flooding and heavy rains:

AREA	LEVEL
Ilocos Norte	Pre-school to High school
Ilocos Sur	All levels
San Fernando City, La Union	All levels
Pangasinan	Pre-school to High school
Dagupan City, Pangasinan	All levels
Region III	All levels
Region IV-A	All levels
Mindoro Provinces 4B	All levels
Calamian Group of Islands 4B	All levels
NCR	All levels

7. Status of Lifelines

a. Roads and Bridges (Tab C)

- A total of **thirty-nine (39) roads** and **twelve (12) bridges** were temporarily closed due to landslides and flashfloods in **Region I** (Pangasinan and La Union), **Region II** (Isabela and Cagayan), **Region III** (Aurora, Nueva Ecija, Pampanga, and Tarlac), **Region V**



(Catanduanes and Masbate), and **Region CAR** (Apayao, Ifugao, Mt. Province, Kalinga, and Benguet)

b. **Power Supply (Tab D)**

- A total of thirty-seven (37) areas in Regions I, II, III, IV-A, IV-B, CAR, and NCR have experienced power outages and interruptions



c. **Communication Lines**

- On 14 September 2014, telecommunication lines were affected and were not functional in Region II. However, mobile phone services were not affected

8. Flooded Areas (Tab E)

- a. Seventeen (17) cities/municipalities in Regions I, III, IV-A, IV-B, and NCR have experienced flooding due to TY "LUIS".

9. Damages

a. **Houses (Tab F)**

- A total of **2,339 Houses** (194 totally / 2,145 partially) were damaged in **Region CAR** (Apayao, Benguet and Kalinga), **Region I** (Ilocos Norte, La Union, and Pangasinan), **Region II** (Cagayan, Isabela, and Nueva Vizcaya) and **Region III** (Zambales and Pampanga)



b. **Infrastructure and Agriculture (Tab G)**

- A total of **₱1,196,109,361.00 worth of damages** in infrastructure and agriculture was reported in Regions I, II, III, IV-B and CAR:

Infrastructure : **₱84,691,200.00**
Agriculture : **₱1,111,418,161.00**

10. Declaration of State of Calamity

- a. The municipality of Calasiao, Pangasinan was declared under state of calamity on 16 September 2014 through Resolution No. 99, s. 2014.

11. Disaster Preparedness (Tab H)

12. Disaster Response (Tab I)

a. **Cost of Assistance (Tab J)**

- A total of **₱18,369,496.75 worth of assistance** from DSWD (₱15,021,784.75), LGUs (₱3,344,212.00), and NGOs/Other GOs (₱3,500.00) was provided in Regions I, II, III, NCR, and CAR

II. OTHER INCIDENTS

A. Situation Overview



M/V Maharlika-2

On 13 September 2014, Philippine Coast Guard reported that RORO Vessel "M/V Maharlika-2" of Archipelago Ferries Corporation, manned by Capt. Juan B. Cayago, encountered steering casualty at 6NM Northwest off Binit Point, Panaoan Island. The vessel departed from Lipata Port going to Liloan Port and was carrying at least 58 passengers (37 males, 19 females and 2 children), 31 crew members, and 13 rolling cargoes.

M/V Super Shuttle Ferry 7

RORO Vessel "M/V Super Shuttle Ferry 7, owned and operated by Asian Marine Transport Corp., with fifteen (15) crew onboard, was battered by strong winds and big waves while anchored at South Anchorage, South Harbor. The vessel is listing heavily at the portside and about to capsize when the captain declared abandon ship to the crew.



B. Effects

1. Casualties (Tab K)

- a. The sinking of M/V Maharlika-2 in Liloan, Southern Leyte and M/V Super Ferry 7 in Manila rendered **8 deaths**, **5 injured**, **128 rescued/survivors** and **1 missing** in Region VIII and NCR:

CASUALTY	NUMBER of PERSONS
Dead	8 (M/V Maharlika-2)
Injured	5 (M/V Maharlika-2)
Rescued / Survivors	113 (M/V Maharlika-2) 15 (M/V Super Shuttle Ferry 7)
Missing	1 (M/V Maharlika-2)

2. Emergency Response

Department of Social Welfare and Development (DSWD)

DSWD CARAGA

- a. Provided a total of 80 family food packs and assorted non-food items to passengers affected by the maritime incidents.
- b. The Non-Food Items (NFIs) provided were as follows:
- 18 dozens of underwear
 - 2 dozens of shorts (adult female)
 - 82 pcs of shorts (adult male)

- 4 dozens of blouse (adult)
 - 160 pcs of shirt (adult male)
 - 6 pcs of shirt (kids size – male)
 - 4 pcs of shorts (kids size – male)
 - 4 pcs of underwear (kids male)
 - hygiene kits
- c. Financial assistance of ₱5,000.00 for each of the bereaved families (5 families).
- d. Coordination between survivors and casualties and the Philharbor Ferriest and Port Company in securing applicable assistance as follows:
- Burial Assistance
 - Transportation Assistance worth ₱3,000.00
 - Medical Assistance
 - Food Assistance

Department of Health (DOH)

DOH VIII

- a. Deployed 10-man MHPSS Team to Lipata Port.
- b. Coordinated with PHTO, PHO and Southern Leyte DOH representative for monitoring of casualties.
- c. Augmented logistics to San Ricardo RHU and Pintuyan District Hospital worth ₱9,340.00.
- d. PHTO provided replenishment and augmentation of assorted drugs and medicines in San Ricardo, Southern Leyte worth ₱6,270.00.
- e. Augmented assorted drugs and medicines to Lipata Port in Southern Leyte worth ₱15,611.25.

DOH XIII

- a. Augmented medicines, medical supply, fluids and cadaver bags.
- b. Continuous coordination with CHO, CARAGA Regional Hospital and City DRRMO of Surigao for any probable rescue and retrieval operations.
- c. CRH treated a total of 23 patients (one (1) patient in ER and eight (8) were admitted).
- d. CHO Surigao City deployed medical team in Lipata Port.
- e. Province of Dinagat Island MHPSS team deployed in Lipata Port.
- f. MHPSS team was able to provide psychosocial processing to 26 males and 6 females. Four other patients were for referral.
- g. Provided drugs, medicines and cadaver bags to CRH worth ₱34,851.64 and 2,890 worth of cadaver bags for CDRRMC.

Philippine Coast Guard (PCG)

- a. Coast Guard District Northern Mindanao established communication at Punta Pilar, Surigao del Norte for easier coordination.
- b. CGDCEV, CGS Maasin, CGSS Lipata, and CGSS Liloan were directed to exert efforts to assist in the situation.
- c. CGS Manila and CGSOG rescued 7 crew members of M/V Super Ferry at the vicinity of US Embassy in Roxas Boulevard, Manila.

Philippine Navy (PN)

- a. Deployed personnel onboard BRP Rafael Pargas (PG379) and Minor Patrol Craft (DF350).
- b. Naval Force Central established command and control at the vicinity of San Ricardo, Southern Leyte.

CDRRMC Surigao

- a. CDRRMC Surigao City established an Incident Command Post with Capt. Joseph M. Coyne, PCG being the Incident Commander together with Police Chief Al Caturla (Safety Officer) and Annette Villaces (PIO).
- b. CDRRMC Surigao City and PDRRMC SDN provided meals to survivors and responders.

Private Responders

- a. MV Maharlika-4, foreign vessels MV Lara Venture and MT St. Martin, and MV Orient King assisted in the search and rescue operations.
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Effects of Typhoon "LUIS" (KALMAEGI)

AFFECTED POPULATION

12 - 15 September 2014

Region/Province/ Mun/City	AFFECTED	
	Families	Persons
GRAND TOTAL	116,733	508,367
NCR	2,070	9,799
MANILA CITY	108	474
MARIKINA	1,685	8,070
PASIG CITY	98	470
QUEZON CITY	179	785
REGION I (ILOCOS REGION)	72,176	306,944
ILOCOS NORTE	30	147
BANGUI	11	55
BATAC	8	37
PAGUDPUD	11	55
LA UNION	2,462	11,826
SAN FERNANDO	23	97
AGOO	831	3,292
BACNOTAN	7	27
CABA	87	174
SANTO TOMAS	1,513	8,233
SUDIPEN	1	3
PANGASINAN	69,684	294,971
ALAMINOS	27	98
DAGUPAN CITY	688	4,084
SAN CARLOS CITY	3	15
URDANETA CITY	4,111	20,555
AGUILAR	1,513	8,087
ASINGAN	2,292	10,000
BALUNGAO	1,895	11,370
BAUTISTA	150	675
BAYAMBANG	1,067	5,538
BINALONAN	2,062	12,372
BUGALLON	181	994
CALASIAO	17,185	42,400
LABRADOR	365	1,825
LAOAC	1,885	7,524
MABINI	28	82
MALASIQUEI	102	420
MANAOAG	2,500	12,500
MANGALDAN	4,180	20,900
MAPANDAN	290	1,169
NATIVIDAD	3,454	20,724
POZZORUBIO	474	2,358
ROSALES	3,200	12,800
SAN FABIAN	4,577	18,001
SAN JACINTO	100	500
SAN MANUEL	1,323	6,584
SAN NICOLAS	174	881
SAN QUINTIN	1,800	10,870

Region/Province/ Mun/City	AFFECTED	
	Families	Persons
SANTA BARBARA	8,230	32,920
SISON	114	645
TAYUG	4,284	20,942
UMINGAN	267	1,335
URBIZTONDO	907	4,713
VILLASIS	256	1,090
REGION II (CAGAYAN VALLEY)	8,581	39,636
CAGAYAN	7,245	34,343
TUGUEGARAO	343	1,158
ALCALA	942	4,710
AMULUNG	1,056	4,926
APARRI	71	279
CLAVERIA	1,520	6,840
GONZAGA	120	397
IGUIG	188	940
LASAM	566	2,546
PIAT	1	7
RIZAL	353	1,588
SANTA PRAXEDES	16	72
SANTO NIÑO (FAIRE)	1,919	10,205
TUAO	150	675
ISABELA	1,258	5,112
DINAPIGUE	132	499
DIVILACAN	136	501
ILAGAN	141	515
MACONACON	100	316
PALANAN	109	493
SANTA MARIA	640	2,788
NUEVA VIZCAYA	78	181
BAYOMBONG	10	36
KAYAPA	6	26
SANTA FE	62	119
REGION III (CENTRAL LUZON)	29,422	130,703
AURORA	24	120
DILASAG	3	15
DIPACULAO	21	105
BATAAN	10	37
DINALUPIHAN	5	23
MORONG	5	14
BULACAN	6,279	31,382
OBANDO	56	227
SAN ILDEFONSO	778	3,890
SAN MIGUEL	5,445	27,265
NUEVA ECIJA	6,648	31,051
CABANATUAN	1,692	9,294
CABIAO	470	2,303
CUYAPO	2,417	9,655
GAPAN	84	222
GENERAL TINIO (PAPAYA)	28	116
JAEN	152	682
LAUR	42	206
LICAB	113	475
SAN ISIDRO	125	613
TALAVERA	275	1,360

Region/Province/ Mun/City	AFFECTED	
	Families	Persons
TALUGTUG	170	833
ZARAGOZA	1,080	5,292
PAMPANGA	5,485	27,347
ARAYAT	26	102
CANDABA	5,384	26,870
SAN SIMON	75	375
TARLAC	10,445	38,925
GERONA	54	298
LA PAZ	6,191	22,414
MAYANTOC	202	1,008
MONCADA	1,466	5,201
PANIQUE	1,072	3,643
RAMOS	278	1,089
SAN CLEMENTE	78	271
SAN MANUEL	839	3,706
SANTA IGNACIA	265	1,295
ZAMBALES	531	1,841
BOTOLAN	125	375
IBA	336	1,211
MASINLOC	12	46
PALAUIG	8	45
SANTA CRUZ	50	164
REGION IV-A (CALABARZON)	1,426	6,709
RIZAL	1,426	6,709
RODRIGUEZ (MONTALBAN)	429	1,862
SAN MATEO	997	4,847
REGION VI (WESTERN VISAYAS)	121	448
NEGROS OCCIDENTAL	121	448
ISABELA	121	448
CAR	2,937	14,128
APAYAO	423	1,955
CONNER	133	647
FLORA	104	452
KABUGAO	8	29
LUNA	21	76
PUDTOL	29	156
SANTA MARCELA	128	595
BENGUET	88	285
ITOGON	17	65
TUBA	20	66
TUBLAY	51	154
KALINGA	2,277	11,406
LUBUAGAN	41	167
PINUKPUK	2,217	11,165
TABUK	19	74
MOUNTAIN PROVINCE	149	482
BAUKO	68	241
BONTOC	79	237
TADIAN	2	4

**EFFECTS OF TYPHOON "LUIS"
INCIDENTS MONITORED
12 - 15 September 2014**

REGION/AREA	TIME/DATE OF OCCURENCE	DESCRIPTION	REMARKS	ACTIONS TAKEN
TOTAL INCIDENTS MONITORED	12			
FLASHFLOOD/FLOODING	4			
REGION III	1			
Bulacan	12:00 NN, 14 September 2014	Flashflood incident occurred in San Miguel, Bulacan.	A total of 3,101 households in 9 barangays were affected.	Subsided as of 2:00 PM
REGION IV-B	3			
Occidental Mindoro	11:00 PM, 13 September 2014	Flashflood incident was reported in Brgy. Tubili, Paluan due to heavy rains. No reported casualties and evacuees.	One (1) classroom was totally damaged.	MDRRMC Paluanis continuously monitoring the situation
	4:00 AM, 14 September 2014	Flooding incidents were reported in Sitio Mabanlik, Poblacion Proper and Brgy. Tanyag, Calintaan due to heavy rains.	Flood waters had subsided. Roads along this area are now passable to all type of vehicles.	MDRRMC Calintaan provided assistance to the stranded commuters
Palawan	8:00 AM, 14 September 2014	Agricultural lands in Brgy. Patag, Cullion was submerged in flood waters due to overflowed rivers.		
OVERFLOWED SPILLWAY	1			
REGION IV-B	1			
Occidental Mindoro	4:00 AM, 14 September 2014	Spillway in Sitio Pola, Brgy. Barahan and Brgy. San Vicente, Sta. Cruz, Occidental Mindoro overflowed due to heavy rains.	Roads along these areas are passable to all type of vehicles as of 5:30 PM, 15 September 2014	MDRRMC Sta. Cruz provided assistance to the stranded commuters
LANDSLIDE	3			
REGION I	2			
La Union		Minor landslides occurred in the Boundary of Rosario, La Union and San Fabian, Pangasinan.	Roads along these area are already cleared as 5:30 PM, 15 September 2014	
Pangasinan				
REGION IV-B	1			
Palawan	5:00 AM, 14 September 2014	Minor landslide occurred in Brgy. Balala, Cullion, Palawan due to heavy rains.	No casualty reported. One (1) house partially damaged.	Municipal Engineering Office of Cullion, Palawan conducted clearing operations
COLLAPSED STRUCTURE	1			
REGION III	1			
Tarlac	12:35 AM, 15 September 2014	About 25m of the river dike in Brgy. Pit Ao, San Clemente was breached due to continuous rains brought by TY "Luis".	Approximately 10 families were evacuated and temporarily staying at Pit Ao Brgy. Hall.	
DROWNING	2			
REGION I	2			
Burgos, Pangasinan	15 September 2014, 1:00 PM	A certain Edmundo R. Dimatulak was pulled down by strong current of water and drowned while crossing the Detour Road under the Madori Bridge, Barangay Tambacan.		
Sison, Pangasinan	15 September 2014, 5:30 PM	A certain Rogelio Sayan was pulled down by strong current of the river and drowned while on his way to the farm at Barangay Alibeng.	The body was recovered at Barangay Camangaan, Binalonan.	
MARITIME	1			
REGION IV-B	1			
Magsaysay, Occidental Mindoro	13 September 2014, 10:00 PM	"Felicitia Princess" Barge with 7 crew onboard, towed by "Grand regent" Motor Tugboat with 3 crew from Palawan bound for Manila took shelter in the coastal area of Sitio Silay, Brgy. Silabat, Magsaysay, Occidental Mindoro due to unfavorable sea condition. While anchored, the said barge and tugboat encountered strong winds and big waves causing them to slam and damage the underlying fishnets and fish pens in the area. No reported casualty.	No reported casualty.	

Effects of Typhoon "LUIS" (KALGAEMI)
STATUS OF ROADS AND BRIDGES
 12 -15 September 2014

LOCATION		SITUATION / STATUS
<u>ROADS - 39</u>		
REGION I		
Pangasinan		
1	Along Romulo Highway in Brgy. Poblacion and Brgy. Pagombo, Aguilar	Not passable to all types of vehicles
2	Brgy Malued, Dagupan City	Not passable to light vehicles
3	Dagupan-Bonuan-San Fabian Road, Leisure Coast (Binloc Section)	Not passable to light vehicles due to 0.30 meter deep floodwater
4	Detour Road at Balingued Bridge, Km 198+269	Not passable to all types of vehicles due to 0.50 meter deep water
5	Mabini, Caranglaan Section, Pangasinan-Zambales Road	Not Passable to all types of vehicles due to 1 meter deep flood water
6	San Fernando - Bagulin Road	One lane passable
7	San Jacinto going to San Fabian (Brgy. Vicente)	Not passable to light vehicles
La Union		
8	Bauang - Baguio City Road	Passable to light vehicles only at Ribsuan Bridge
9	Boundary of Rosario, La Union and San Fabian, Pangasinan (Boundery)	Passable
REGION III		
Nueva Ecija		
10	Brgy. Mapangpang, Lupao, Nueva Ecija	
11	Brgy. Sabit Cuyapo, Nueva Ecija	
12	Laur-Bongabon Road, San Vicente, Laur	
13	Muñoz-Lupao Road	
14	Nueva Ecija – Pangasinan Road, Cuyapo	Not passable to all types of vehicles; As of 8:00 PM, 14 September 2014; Due to washed out detour road
15	Tablang-Gabaldon Road (KM. 157+000), (KM. 157+400)	

LOCATION		SITUATION / STATUS
Aurora		
16	Bongabon via Baler Road	
17	Nueva Ecija-Aurora Road, Catabangan River Section	Closed to traffic due to flooding
Pampanga		
18	San Agustin to Bahay Pari, Candaba, Pampanga	
19	Sta. Ana - Magalang Road	
20	Candaba - Baliwag Road	
21	Candaba - San Miguel	
Tarlac		
22	Tarlac - Sta Rosa Road KO129+400 - KO129+600	Roads are now passable
23	Conception - Lapaz Road KO136+200 - KO136+425	Roads are now passable
REGION V		
Catanduanes		
24	Jct. Panganiban-Sabloyon Road, K0076+700, K0081+500, Caramoran	Closed due to landslide
25	Dariao, Caramoran CCR-K0123+150	
26	CCR-K0140+020 Bocon Spillway, Caramoran	
CAR		
Mt. Province		
27	Aluling - Calacaban Road	Closed due to landslide
28	Junction - Tabulin - Barlig - Natonin - Paracelis, Calaccad Road	Closed due to landslide
29	Mt. Province – Ilocos Sur via Tue, K0393+800, K0392+055, K0390+380, K0389+380, K0388+900	Closed to traffice due to landslide
Kalinga		
30	Calanan - Pinukpuk Road, K0530+600 to K0536+000	Closed to traffic due to soil collapse and mudflow
31	FMR Sukiyap - Tanglag	Closed due to landslide
32	Kalinga - Abra Road, K0494+500, Salegseg Section	Closed to traffic due to soil collapse

LOCATION		SITUATION / STATUS
Benguet		
33	Asin-Nangalisan-San Pascual Road, K0261+000	Closed due to landslide
34	Kennon Road, K0215+180 Klondykes, Camp 1	Passable
35	ShilanBeckel Road, K0263+200	Close to traffic due to landslide
Apayao		
36	Lower Manot Pudtol	Closed due to eroded riprap
37	Sta. Elena-Poblacion Road at Claveria, Calanasan	Closed due to landslide
Ifugao		
38	Banaue-Hungduan Road	Closed due to landslide
39	Kiangan-Tinoc Road	Closed due to landslide
<u>BRIDGES - 12</u>		
REGION I		
Pangasinan		
1	Sapang Bridge I Km 199+343, along Camilin-Wawa-Bayambang-Malasiqui-Sta. Barbara Road	Not Passable due to 0.50 meter deep flooding
REGION II		
Isabela		
2	Alicaocao Bridge, Cauayan	Not Passable
3	Baculod Overflow Bridge, Ilagan City	Passable
4	Cabagan - Sta Maria Overflow Bridge, Sta Maria	Closed to traffic due o flooding
5	Overflow Bridge Connecting Cabisera 5 - Cabisera 9, Ilagan City	Passable
6	Sto. Tomas-Cabagan Overflow Brige, Cabagan	Not Passable
Cagayan		
7	Maguiling Overflow Bridge Connecting Piat and Tuao	Not Passable
8	Tawi Bridge, Peñablanca	Not Passable

LOCATION		SITUATION / STATUS
REGION V		
Catanduanes		
10	Detour Bridge at Barangay Hicming, Virac	Impassable; damaged due to flooding
Masbate		
11	Narangasan Bridge Detour, Milagros	
12	Bañadero Bridge Detour, Mobo	

EFFECTS of TYPHOON "LUIS" (KALMAEGI)

Power Supply

12 - 15 September 2014

REGION	PROVINCE	CITY/MUNICIPALITY/BARANGAY
POWER OUTAGES		
I	Ilocos Norte	Adams
		Bangui
		Dumalneg
		Pagudpud
	La Union	Aringay
		Sto. Tomas
		Agoo
		Rosario
		San Fernando City
		Bauang
	Pangasinan	Sison
II	Cagayan	Brgy. Magapit
		Camalaniugan
		Sta. Ana
	Tuguegarao	
CAR	Apayao	
	Kalinga	Tabuk
	Ifugao	
POWER INTERRUPTIONS		
I	Pangasinan	Sta. Rita
		San Fabian
III	Bataan	Balanga City
		Morong
		Barangay Nagbayong
		Barangay Pagasa
		Bagac
	Tarlac	Camiling
		Mayantoc
		San Clemente
		San Jose
		Sta. Ignacia
IV-A	Batangas	Lobo
		Lemery
		Malvar
		Rosario
IV-B	Palawan	Culion
	Occidental Mindoro	Mamburao
NCR		Pasay (Edsa Taft Rotonda)

Effects of Typhoon "LUIS"(KALMAEGI)

FLOODED AREAS

12 - 15 September 2014

REGION/PROVINCE/ MUNICIPALITY	AREA	DEPTH
REGION I		
Pangasinan		
Calasiao	Barangays Talibaew (Zone 3, 4 and 5), San Vicente and Longos (Sitios Kasintak, Cabaruan, Caranto and Sampot), Poblacion East, Lasip, Lumbang, Doyong (Sitio Basasong), Gabon, Macabito, Buenlag (Sitios Binco. Carusucan, Lasip 2 and 3), Ambonaoa (Sitio Cruz and Balani), Ambuetel, Banaoang, nagsaing (riverside), Cabilocan, Poblacion West, Dinaloan, Mancup, Nalsian, Bued, Malabago, San Miguel, Songkoy (Sitio Buka), and Quesban in the Municipality of Calasiao	
Bautista	Barangays Diaz, Cabuaan, Premecias and Vacante in Bautista	
Alaminos City	Barangays Palamis, Pogo, and San Jose in Alaminos City	
Dagupan City	Barangays Malued, Lasip Chico, Tapuac, Pogo Chico, Pogo Grande, Lasip Grande, Bacayao Sur, Bacayao Norte (Sitios Patalan and Baybay), Manguin, Salisay, Mayombo, Bolosan and Herrero-Perez in Dagupan City	
REGION III		
Tarlac		
	La Paz	
	Moncada	
	Paniqui	
Nueva Ecija		
Aurora	Aurora Road Cabatangan River Section	1 meter
Pampanga		
Candaba	San Agustin	3 - 5 ft.
	Mandili	1 - 2 ft.
	Pasig	2 ft
	Paralaya	1 ft.
	Paniqui	1 ft.
	Sto. Rosario	3 - 4 ft
	Pansinao	3 ft.
	Pescadores	3 ft.
	Gulap	1 ft.
	Bulas	1 ft.
Macabebe	Brgy. San Gabriel	1 ft.

Effects of Typhoon "LUIS"(KALMAEGI)

FLOODED AREAS

12 - 15 September 2014

REGION/PROVINCE/ MUNICIPALITY	AREA	DEPTH
REGION IV-A		
Rizal		
San Mateo	Batasan Bridge	20.4 m
	Banaba Bridge	20.1 m
	Brgy. Malanday	Above 5 ft.
Rodriguez	Brgy. Rosario	Chest-Deep
	Brgy. Balite	Above Waist-Deep
	Brgy. Manggahan	
	Brgy. Burgos	
	Brgy. San Jose	Waist-Deep
Laguna		
San Pedro	Brgy. Cuyab	2-3 inches
	Brgy. Landayan	
	Brgy. San Roque	
REGION IV-B		
Occidental Mindoro		
Calintaan	Sitio Mabanlik (Poblacion Proper)	Waist-Deep
Sta Cruz	Sitio Pola and Brgy. Barahan	
NCR		
Pasay City	Brgy. 180	Above knee
	Brgy. 181	Above knee
	Brgy. 177	Gutter-deep
Mandaluyong City	Palinview (Divine Mercy, San Joaquin, Maysilo/Tapa King, Celia, Sto. Rosario, Maysilo/Bumatay, San Rafael)	Gutter to knee-deep
	Poblacion (Aglipay)	Ankle-deep
	Daang Bakal (Haig)	Below knee-deep
	Mabini, J.P. Rizal (Nanirahan, Villarica)	Below knee-deep
	New Zuñiga (Boni - F. Ortigas, PVL)	Gutter-deep

EFFECTS of TYPHOON "LUIS" (KALMAEGI)
Damaged Houses
12 - 15 September 2014

REGION	Province/Municipality	DAMAGED HOUSES		
		TOTALLY	PARTIALLY	TOTAL
GRAND TOTAL		194	2,145	2,339
Region	Sub-Total	9	444	453
CAR	Apayao	5	329	334
	Conner	0	61	61
	Kabugao	0	8	8
	Flora	0	104	104
	Luna	0	21	21
	Pudtol	4	8	12
	Santa Marcela	1	127	128
	Benguet	1	16	17
	Itogon	1	16	17
	Kalinga	3	99	102
	Lubuagan	0	9	9
	Pinukpuk	3	90	93
Region	Sub-Total	61	181	242
I	Ilocos Norte	0	22	22
	Bangui	0	11	11
	Pagudpud	0	11	11
	La Union	2	39	41
	Agoo	1	16	17
	Bacnotan	1	7	8
	Caba	0	5	5
	San Fernando City	0	8	8
	Santo Tomas	0	2	2
	Sudipen	0	1	1
	Pangasinan	59	120	179
	Aguilar	0	2	2
	Asingan	0	2	2
	Binalonan	1	0	1
	Laoac	1	0	1
	Natividad	0	2	2
	Pozzorubio	1	0	1
	San Fabian	51	59	110
	San Manuel	2	1	3
	Sison	0	54	54
	Urdaneta City	1	0	1
	Villasis	2	0	2
Region	Sub-Total	114	1,500	1,614
II	Cagayan	108	1,485	1,593
	Alcala	17	148	165
	Amulung	52	85	137

EFFECTS of TYPHOON "LUIS" (KALMAEGI)

Damaged Houses

12 - 15 September 2014

REGION	Province/Municipality	DAMAGED HOUSES		
		TOTALLY	PARTIALLY	TOTAL
II	<i>Enrile</i>	4	4	8
	<i>Gattaran</i>	0	34	34
	<i>Iguig</i>	5	231	236
	<i>Lasam</i>	22	544	566
	<i>Piat</i>	2	26	28
	<i>Rizal</i>	4	301	305
	<i>Sanchez Mira</i>	0	51	51
	<i>Sta. Praxedes</i>	0	16	16
	<i>Sta. Teresita</i>	0	2	2
	<i>Tuguegarao City</i>	2	43	45
	Isabela	0	5	5
	<i>Divilacan</i>	0	5	5
	Nueva Vizcaya	6	10	16
	<i>Bayombong</i>	0	1	1
	<i>Kayapa</i>	4	1	5
	<i>Sta. Fe</i>	2	8	10
Region	Sub-Total	10	20	30
III	Zambales	2	20	22
	<i>Iba</i>	1	0	1
	<i>Masinloc</i>	0	3	3
	<i>Palauig</i>	1	17	18
	Pampanga	8	0	8
	<i>Candaba</i>	8		8

Region/Province/ City/Municipality	INFRASTRUCTURE	AGRICULTURE							TOTAL COST (Infrastructure + Agriculture)
	ROADS/BRIDGES/OTHER STRUCTURES	CROPS (Rice and Corn)		IRRIGATION	HVCC (Mango, Banana, Papaya, Vegetables)	FISHERIES		FACILITIES/ INFRASTRUCTURE/ EQUIPMENT DAMAGED	
		Type of Crops /Livestocks	Estimated Peso Value	Estimated Peso Value		Type of Project/ Species	Estimated Peso Value		
GRAND TOTAL	84,691,200.00	1,111,418,161.00							1,196,109,361.00
TOTAL	84,691,200.00		980,071,352.96	20,300,000.00	73,764,156.24	-	21,541,933.80	15,740,718.00	
CAR	49,141,200.00		272,668,294.14	20,300,000.00	33,233,362.00	-	493,417.50	375,836,273.64	
Abra	13,800,000.00	Rice	2,976,360.00		719,026.00			17,495,386.00	
Apayao	120,000.00	Rice	82,042,000.00		15,201,650.00		63,000.00	200,750,930.00	
		Corn	103,324,280.00						
Benguet	5,810,000.00	Rice	166,409.76		8,869,353.00		430,417.50	15,276,180.26	
Ifugao	8,161,200.00	Corn	1,897,374.38	500,000.00				10,558,574.38	
Kalinga	4,000,000.00	Rice	27,375,716.00		5,339,375.00			89,090,807.00	
		Corn	52,375,716.00						
Mt. Province	17,250,000.00	Rice	2,118,200.00	19,800,000.00	3,103,958.00			42,664,396.00	
		Corn	392,238.00						
REGION I	24,400,000.00		139,906,034.58	-	16,637,419.24	-	7,975,219.50	204,544,391.32	
Pangasinan		Rice	112,999,291.04					128,364,100.52	
		livestock	1,884,350.00				2,606,400.00		
		Corn	324,870.98						
La Union	24,400,000.00	Rice	11,275,799.67				5,159,069.50	45,802,718.67	
		livestock	101,100.00						
Ilocos Sur		Rice	2,043,239.09		16,564,994.76		4,500.00	18,826,518.85	
		Corn	206,785.00						
		livestock	2,500.00						
Ilocos Norte		Rice	11,029,118.70		72,424.48		205,250.00	11,551,053.28	
		Corn	10,010.10						
		livestock	29,000.00						
REGION II	10,500,000.00		59,070,870.79	-	-	-	300,000.00	69,985,870.79	
Cagayan		Rice	133,126.00				300,000.00	606,529.00	
		Corn	118,403.00						
Batanes							60,000.00	60,000.00	
Isabela	10,500,000.00	Rice	51,152,815.04					69,319,341.79	
		Corn	7,666,526.75						

EFFECTS OF TYPHOON "LUIS" (KALMAEGI)

COST OF DAMAGES

12 - 15 September 2014

Region/Province/ City/Municipality	INFRASTRUCTURE		AGRICULTURE							TOTAL COST (Infrastructure + Agriculture)	
	ROADS/BRIDGES/OTHER STRUCTURES		CROPS (Rice and Corn)		IRRIGATION		HVCC (Mango, Banana, Papaya, Vegetables)	FISHERIES			FACILITIES/ INFRASTRUCTURE/ EQUIPMENT DAMAGED
			Type of Crops / Livestocks	Estimated Peso Value		Estimated Peso Value		Type of Project/ Species	Estimated Peso Value		
REGION III		650,000.00		505,051,153.45		-	23,893,375.00	-	12,773,296.80	-	542,367,825.25
Zambales			Rice	15,143,099.64			600,000.00		286,470.00		16,112,783.64
			Cereals	83,214.00							
Aurora			Rice	9,564,115.00			460,000.00				14,396,615.00
			Cereals	4,372,500.00							
Bulacan			Rice	41,037,591.00			2,923,850.00		733,916.80		44,948,317.80
			livestock	252,960.00							
Nueva Ecija		650,000.00	Rice	234,856,913.31			16,362,525.00		8,134,300.00		260,803,580.31
			Cereals	799,842.00							
Pampanga			Rice	95,936,078.00							95,936,078.00
Tarlac			Rice	102,179,240.50			3,547,000.00		3,618,610.00		110,170,450.50
			Cereals	825,600.00							
REGION IV-B		-		3,375,000.00		-	-	-	-	-	3,375,000.00
Occidental Mindoro			Rice	3,375,000.00							3,375,000.00

**EFFECTS OF TY “LUIS” (KALMAEGI)
DISASTER PREPAREDNESS
12-15 September 2014**

A. NATIONAL / NDRRMC

1. NDRRM Operations Center

- a. Disseminated Severe Weather Bulletins, 24-hour Public Weather Forecasts, Gale Warning, and General Flood Advisories to all RDRRMCs/OCDRCs through SMS, facsimile, and websites for further dissemination to their respective Local Disaster Risk Reduction and Management Councils (LDRRMCs) from the provincial down to the municipal levels; and directed RDRRMCs concerned through the OCD Regional Centers to undertake precautionary measures in their respective areas of responsibilities (AOR).

12 September 2014

- a. Activated the NDRRMC Duty Alert System/Teams and raised the NDRRMC Alert Status to “Blue Alert” effective 8:00 AM.
- b. Pre-Disaster Risk Assessment (PDRA) Core Group, led by Executive Director USec. Pama convened at the NDRRM Operations Center for a meeting in anticipation to Tropical Storm “LUIS” (KALMAEGI). Subsequently, NDRRMC Operations Center sent a Memorandum to Chairpersons, OCD-RDRRMCs I, II, III, IV-A, V, CAR, and NCR instructing them to observe heightened alert in preparation for the entry of TS “LUIS”.
- c. USec. Alexander Pama, NDRRMC, Dir. Edgar Allan Tabell of DILG, and PAGASA Representative provided media update / briefing to warn and inform the public on the possible effects of TS “LUIS” (Kalmaegi).

13 September 2014

- a. PDRA Core Group, led by Executive Director USec. Alexander Pama convened at the NDRRMC Operations Center to discuss the development of TS “LUIS”.
- b. USec. Pama, Executive Director (ED) of NDRRMC, Mr. Rene Paciente of PAGASA, and Dir. Edgar Allan Tabell of DILG provided media briefing to warn and inform the communities that will most likely be affected by TS “LUIS”.
- c. USec Pama, ED, NDRRMC raised the alert status at NDRRM Operations Center to Red Alert effect at 8:00 PM due to the intensification of TS “LUIS” as it moved towards Cagayan-Isabela area. Further, NDRRMC member agencies are required to send Detailed Duty Officers to NDRRMOC effective immediately.
- d. Issued NDRRMC Memorandum to RDRRMC VII Chairperson to ready OCD VII personnel for possible deployment to region affected by TY “LUIS” as the designated twin region.

14 September 2014

- a. PDRA Core Group, led by Executive Director USEC. Alexander Pama convened at the NDRRM Operations Center to discuss the development of TY “LUIS”.
- b. NDRRMC Member-Agencies, led by Executive Director conducted press briefing.
- c. NDRRMC Response Cluster, led by ASec. Vilma B. Cabrera, DSWD, conducted a meeting to discuss the possible activation of clusters and RDANA teams.

17 September 2014

- a. NDRRMC TMG, led by Executive Director USec. Alexander Pama, convened at the NDRRMC Operations Center for the After-Action Review of TY “LUIS”.

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

- a. Disseminated weather bulletins, gale warnings, general flood advisories, and 24-hour public weather forecast
- b. Conducted press conferences and media updates regularly to warn and inform the public on the possible effects of TY "LUIS" (Kalmaegi)

3. Department of Social Welfare and Development (DSWD)

- a. DSWD Field Offices were provided with standby funds amounting to ₱42,043,042.95. Prepositioned a total of 142,910 family food packs in Regions NCR, CAR, I, II, III, IV-A and V
- b. Made available a total of 928,765 assorted food items worth ₱28,393,209.14 (i.e. noodles, bottled water, biscuits, sugar, coffee and canned goods in packs, pieces, and boxes) and 188,073 non-food items worth ₱44,051,940.58 (i.e. clothes, blankets, sleeping and plastic mats, water jugs, raincoats, tarpaulins, hygiene kits, and folding beds in pieces and sets) available in the regions

REGION	STANDBY FUNDS	FAMILY FOOD PACKS	FOOD ITEMS (value in PHP)	NON-FOOD ITEMS (value in PHP)
TOTAL	42,043,042.95	142,910	28,393,209.14	44,051,940.58
CAR	1,000,000.00	26,098	3,672,270.00	2,778,468.67
NCR	9,521,454.31	38,000	4,432,366.25	992,828.00
I	13,200,470.11	14,007	6,611,632.28	6,082,767.93
II	5,898,922.78	17,868	943,174.20	3,646,396.08
III	1,623,405.06	34,937	4,810,843.32	3,272,848.74
IV-A	5,633,776.26	10,000 ²	3,883,577.39	9,446,421.74
V	5,165,014.43	2,000	4,039,345.70	17,832,209.42

4. Department of Health (DOH)

- a. On Code White Alert
- b. Coordinated with DOH Regional Offices
- c. Disseminated weather bulletins to all Regional Health Office Directors and RHEMS Coordinators via Smart InfoBoard
- d. Accounted ₱60,175,728.97 worth of first aid kits, family kits, trauma kits, hygiene kits. CAMPOLAS kits, cadaver bags, water and sanitation hygiene supplies, cot bed, family tents, assorted drugs and medicines and other supplies at DOH Central Warehouse

5. Armed Forces of the Philippines (AFP)

- a. On 5:00 AM, 12 September 2014, alerted and advised Major Services, NOLCOM, SOLCOM and WESCOM to prepare for the conduct of HADR operations
- b. Activated HADR CAT on 9:00 AM, 14 September 2014

Naval Forces Northern Luzon (NFNL)

- a. Observed possible implementation of "OPLAN SARANAY", a tool in mobilizing AFP resources during disaster response, was on standby
- b. Placed AFP resources on standby:
 - (1) Islander Aircraft (Fixed Wing) for aerial assessment
 - (9) M35 trucks (5 in La Union; 4 in Pangasinan)
 - (2) Trailer Trucks
 - (1) Ambulance
 - Navy alert DRTUs
 - (3) Navy Patrol Boats

- (1) Navy Patrol Boats
 - (4) Rubber boats
 - DRTG Teams
- c. Placed district and maintenance crew on standby alert
- d. Accounted Regional resources:

AREA	SPECIFICS
Ilocos Norte	4 dump trucks; 2 pay loaders; 1 Mighty Mite (payloader-dozer); 2 road graders; 14 service vehicles; 16 maintenance crew; 8 engineers; and 10 maintenance Capataz
Ilocos Sur	1 pay loader; 1 road grader; 2 dump trucks; 2 Toyota Hi-lux; and 1 Mitsubishi Canter
La Union	1 dump truck; 1 road grader; 1 backhoe; 1 Mighty Mite (payloader-dozer); service vehicles; and 63 manpower
Pangasinan	6 dump truck; 1 generator set; 1 Toyota Hi-lux; 1 Mitsubishi Pick-Up; 1 Ford Bronco; 1 Nissan Vanette; 1 Hyundai Van; 4 Ford Fierra; 1 backhoe; 1 payloader; 2 road grader; 1 Mighty Mite (payloader-dozen); 2 pick-ups; 2 chainsaw; and 12 manpower

501ST, 503RD, and 502ND Brigade

- a. Place rescue teams on standby for augmentation and deployment
- b. Assisted in communicating warnings and advisories through brigades and battalions
- c. Placed emergency telecommunications and Search and Rescue equipment on standby for possible deployment
- d. Rendered duty at the CRDRMC Operations Center and concerned provincial capitol
- e. Equipment/assets prepositioned includes (3) chargeable flashlights, (4) chainsaws, (6) axes, (128) shovels, (6) stretchers, (27) CLS kits, (2) utility ropes, (3) KM250 trucks, (1) M35 truck, (3) field ambulances, (3) life vests, (15) extendable ladders, (4) generators, (1) megaphone and (3) hammers

PMA DRTG

- a. Placed response and rescue teams on standby at the Philippine Military Academy, Fort Del Pilar, Baguio City
- b. Placed assets/equipment three (3) M35 trucks, two (2) ambulances, thirteen (13) buses and four (4) rescue teams on standby

TOG 1

- a. Created flight plans in partnership with DSWD
- b. Prepositioned two (2) Huey helicopters, one (1) M35 truck, (3) elf vehicles and (1) KM450 truck for possible deployment upon request
- c. Thirty-six (36) personnel were on standby for search and rescue activities

JTF-NCR

- a. Placed Disaster Response Units on standby status

Philippine Air Force (PAF) TOG3

- a. Prepositioned two (2) helicopters at NOLCOM, Tarlac

Philippine Army (PA) 5th ID

- a. Placed Disaster Response Units (DRUs) within their AOR on standby status for possible disaster response operations

6. Bureau of Fire Protection (BFP)

- a. Placed BFP fire trucks and equipment were on standby for possible deployment:

Region	Personnel	Fire trucks	Ambulance/ Rescue Trucks	Fire boats
NCR	2,325	155	17	7
I	882	142	5	3
II	932	90	5	1
III	1,391	208	8	3
IV-A	1,663	277	10	8
IV-B	429	60	0	1
V	986	112	4	5
CAR	511	53	10	0

7. Philippine Coast Guard (PCG)

Coast Guard District Northeastern Luzon (CGDNELZN)

- a. Disseminated weather bulletins to substations and fisher folks

Coast Guard District Northwestern Luzon (CGDNWLZN)

- a. Activated all district operation centers in the AOR
b. All WASAR Teams in AOR were alerted for possible response mobilization
c. Equipped each WASAR Teams in Coast Guard Stations with rubber boats with OBM
- Pangasinan (1) Rubber boat w/ OBM
 - La Union (4) Rubber boats w/ OBM
 - Ilocos Provinces (2) Rubber boats w/ OBM
- d. Assisted in the implementation on preventing fisher folks and other small sea vessels from venturing out into the sea

Coast Guard District Palawan and Southern Tagalog (CGDP / CGDST)

- a. Disseminated weather bulletin and gale warning to their respective stations and substation
b. Alerted response group for possible deployment

Coast Guard District Bicol (CGDBCL)

- a. Disseminated weather updates and ensured the implementation of NO SAILING POLICY
b. Placed Disaster Response Groups of respective stations on standby and ready for dispatch upon signal

Coast Guard District National Capital Region (CGDNCR)

- a. Monitored weather updates and water level in Laguna Lake
b. Monitored fisherman vessels within AOR
c. Disseminated weather advisories and ensure preparedness measures
d. Alerted SAR teams

8. Department of Education (DepEd)

- a. DRRMO disseminated out advisory to the regional and division offices through Infoboard text blast
b. Deployed DRRMO representatives to the Response Cluster at the NDRRM OpCen for better coordination

9. Philippine Ports Authority (PPA)

Lucena PPA

- a. Advised ships to take shelter in Marinduque and to suspend sea travels if PSWS will be raised in the area

B. REGIONAL AND LOCAL DRRM COUNCILS

RDRRMCs I, II, III, IV-A, IV-B, V, CAR and NCR

- a. Disseminated weather bulletins to RDRRMC member-agencies, P/C/MDRRMCs, and local media (radio stations) thru OCDRC Infoboard Text Blast System, and uploaded the same to social accounts to effectively ensure public safety and achieve zero-casualty
- b. Alerted all PDRRMCs and RDRRMC member-agencies for possible rescue, relief, and other response operations relative to the present weather disturbance

1. RDRRMC I

- a. Placed Operations Center on RED Alert Status
- b. Conducted PDRA Meeting with the Core Members, RDRRMC Member Agencies, and media partners re Preparations and other measures for TY "LUIS"
- c. Made available Emergency Telecoms Kit (BGAN) and two (2) mobile satellite phones for immediate use

Department of the Interior and Local Government (DILG) I

- a. Alerted DRRM Councils that will be affected
- b. Disseminated weather updates and advisories to LGUs redundantly
- c. Advised MLGOOs to render 24-hour duty to monitor their AORs and submit reports to DILG Regional Office as necessary
- d. Advised DRRMCs to implement pre-emptive evacuation in high-risk areas if situation demands

DSWD I

- a. Prepositioned family food packs for the provinces of Ilocos Sur, La Union and Pangasinan
- b. Prepared evacuation centers and locations of community kitchen
- c. Prepositioned drinking water for Ilocos Provinces, La Union, and Pangasinan
- d. Placed SWAD Team and QUART on standby
- e. Coordinated with the Provincial Disaster Risk Reduction and Management Councils (PDRRMCs) through the Social Welfare Action and Development (SWAD) Teams

BFP I

- a. Alerted Emergency Response Teams in AOR for possible mobilization
- b. Prepositioned Fire trucks and manpower were put on standby
- c. Three (3) rubber boats with OBM on standby for response augmentation: 1 in Rosales; 1 in Lingayen; and 1 in Urdaneta, Pangasinan

Department of Agriculture (DA) I

- a. Activated the Regional Command Center

DOH I

- a. On Code White Alert
- b. Activated the Operations Center (24-hour duty) and four (4) Provincial DOH Office OpCens
- c. Prepositioned assorted drugs and medicines to the provinces:

Province	Estimated Cost (PhP)
Ilocos Sur	47,000.00
Ilocos Norte	50,000.00
Pangasinan	95,000.00

La Union	40,000.00
TOTAL	232,000.00

- d. Stockpiled drugs and medicines at DOH CAR amounting to ₱137,593.00
- e. Stockpiled of medicines available at the regional and four (4) provincial offices
- f. Placed medical response and health assessment teams composed of doctors, nurses, and allied health professionals on standby
- g. Established direct coordination and linkages with health clusters of the four PDRRMCs and three (3) DOH-retained hospitals (ITRMC-San Fernando City, La Union; R1MC-Dagupan City, Pangasinan; MMH and MC-Batac City, Ilocos Norte)

Department of Public Works and Highways (DPWH) I

- a. Activated Operations Centers and District Disaster Action Teams

National Telecommunications Commission (NTC) I

- a. Alerted accredited Civic Communication Groups in AOR to assist the NTC in case of a communication system failure

Philippine Information Agency (PIA) I

- a. Observed timely information dissemination of Weather Bulletins and Advisories to the public
- b. Assisted the RDRRMC OpCen in disseminating Weather Bulletins to the public through the utilization of PIA news text blasting
- c. Established linkages with media and LGUs particularly with Information Officers

Philippine Red Cross (PRC) I

- a. **PRC Ilocos Norte and Ilocos Sur** prepared first aid kits and spine boards, and alerted first aiders and trained volunteers on standby
- b. **PRC Pangasinan** was placed on 24-hour alert status and prepositioned the following for possible augmentation:
 - WASAR Team
 - Three (3) rubber boats with OBM and one (1) ambulance
 - One (1) Mobile Water Treatment Equipment equipped with generator and water pump
- c. **PRC La Union** was placed on 24-hour alert status
 - Red Cross 143, PRC volunteers and CISD teams
 - Stockpile food packs, first aid kits, and spine boards
 - Prepositioned three (3) vehicles (2 ambulances; 1 land cruiser) and one (1) unit of inflatable rubber boat

Police Regional Office (PRO) I

- a. Alerted all police stations
- b. Assessed the disaster preparedness plan with the end view of improving its effectiveness
- c. Inventory of resources and equipment
 - Ilocos Norte: (1) Rubber Boat w/ OBM and SAR Teams
 - Ilocos Sur: (2) Rubber Boats w/ OBM and SAR Teams, 1 Speed Boat
 - Pangasinan: (26) Rubber Boats w/ OBM and SAR Teams
 - RPSB: (1) Rubber Boat w/ OBM and SAR Teams

PDRRMCs Ilocos Sur, La Union, and Pangasinan

- a. Activated all C/MDRRMCs and BDRRMCs
- b. Disseminated warnings to communities and local radio stations

PDRRMC Ilocos Norte

- a. Activated Provincial Operations Centers and alerted all the seven (7) Provincial Resiliency Cluster (C1: Currimao-Badoc-Pinili, C2: Batac-Paoay, C3: Banna-Nueva Era, C4: Laoag-San Nicolas-Vintar-Sarrat, C5: Bacarra-Pasuquin, C6: Piddig-Carasi-Solsana-Marcos-Dingas, C7: Burgos-Bangui-Dumalneg-Pagudpud-Adams)

- b. Ensured availability of relief goods and medicines in all the Resiliency Cluster HQs
- c. Prepositioned one (1) pay loader and one (1) dump truck at the C5 Cluster

PDRRMC Pangasinan

- a. Activated the Operations Center effective 14 September 2014
- b. Conducted emergency PDRRMC meeting
- c. C, PDRRMC directed the formulation of a Preparedness Plan dubbed as "OPLAN Kahandaan Para sa Bagyong Luis"

2. RDRRMC II

- a. Placed Operations Center on Red Alert Status

DILG II

- a. Disseminated weather bulletins to Provincial Directors, Field Officers, and stakeholders
- b. Coordinated with Provincial Directors and Field Officers

DSWD II

- a. Placed DMRT and SWADs on standby
- b. DRRM Staff coordinated with SWADs in monitoring the possible effects of TY "LUIS"
- c. Made available ₱898,922.78 worth of standby funds
- d. Stockpiled 2,168 family food packs, 314 cases assorted canned goods, 987 cases bottled water, 36,000 tins ready-to-eat food (RTEF)
- e. Prepositioned 13,000 family food packs to identified 65 evacuation areas
- f. Prepositioned additional 17,625 family food packs to all municipalities/cities in the Provinces of Cagayan, Isabela, Nueva Vizcaya, and Quirino, and 2,700 family food packs in the Province of Batanes
- g. Stockpiled food in the four (4) coastal municipalities of Isabela (Dinapigue, Divilican, Maconacon, and Palanan)
- h. Disseminated updates/advisories from PAGASA to all SWAD Teams and MSWDOs for their information

BFP II

- a. Disseminated weather bulletins to BFP field station
- b. Monitored any untoward incident in the region

DOH II

- a. Prepositioned drugs and medicines

PRO II

- a. Disseminated weather bulletins to Police Provincial Offices and Stations
- b. Organized SAR trained and other PNP personnel for rapid deployment purposes and other security requirements such as: security of evacuation centers; security and conduct of relief operations; security control points to landslide-prone areas; and ensure that PNP communication lines at all levels are operational

PDRRMC Isabela

- a. Convened PDRRMC re Preparedness Measures for TS "LUIS" on 12 September 2014 at 10:00 AM
- b. Coordinated with MDRRMCs of the four (4) coastal municipalities, namely: Divilacan, Maconacon, Palanan, and Dinapigue
- c. Prepositioned relief goods
- d. Deployed Rescue teams in Isabela District I, II, and III

PDRRMCs Nueva Vizcaya, Cagayan, Quirino and Isabela

- a. Disseminated weather bulletins to PDRRMC member-agencies, MDRRMCs, and other stakeholders
- b. Coordinated with MDRRMCs

CDRRMC Ilagan, Tuguegarao, Santiago, and Cauayan

- a. Monitored of AOR
- b. Disseminated weather bulletin to City DRRMC Members and BDRRM Committees, and stakeholders

CDRRMC Santiago

- a. Prepositioned rescue equipment
- b. Rescue 1021 members are on standby

CDRRMC Cauayan

- a. Alerted all members of Disaster Response Team (DRT)
- b. Prepared disaster response equipment
- c. Advised DepEd Division Office to suspend their on-going camp, Patrol Leader Training Course
- d. Advised the Office of the Liga ng mga Barangay to postpone their scheduled training/seminar in Ramon, Isabela

MDRRMCs Divilican, Maconacon, Palanan, and Dinapigue, Isabela

- a. Disseminated weather bulletin
- b. Prepositioned Rescue equipment and assets
- c. MDRRMCs Divilican and Maconacon conducted pre-emptive evacuation

3. RDRRMC III

- a. Conducted PDRA for the potential effects of Tropical Depression "LUIS" on 12 September 2015 at the 3:00 PM.
- b. Placed RDRRMC III Operations Center on Red Alert Status effective 5:00 PM, 12 September 2015.
- c. Alerted other local responders for possible HADR
- d. Prepositioned three (3) satellite phones as back-up communication

PAGASA III

- a. Advised that the Province of Aurora may be affected by TD "LUIS" with possible risks of flooding, thunderstorms, and landslides

DILG III

- a. Alerted all Local Chief Executives (LCEs) thru DILG Memorandum for the possible effects in their localities

DSWD III

- a. Made available 17,280 food packs at the regional level and prepositioned food packs in each province: Aurora (1,980); Bulacan (2,000); Nueva Ecija (1,215); Olongapo (1,192); Zambales (300); and, Tarlac (970). Stockpiled a total of 10,000 food packs at the NDRRMC Warehouse in Clark, Pampanga
- b. Placed DMCIU and other concerned units on standby

BFP III

- a. Placed on Code Blue Alert Status
- b. Monitored barangays in low-lying areas in Pampanga

DOH III

- a. Prepositioned assorted drugs and medicines in the following provinces:

Province		Cost
Aurora	Provincial Health Team Office (PHTO)	100,000.00
	Provincial Health Office (PHO)	50,000.00
Bataan	PHTO	125,000.00
	PHO	50,000.00

Bulacan	PHTO	100,000.00
	PHO	50,000.00
Nueva Ecija	PHTO	100,000.00
	PHO	50,000.00
Pampanga	PHTO	100,000.00
	PHO	50,000.00
Tarlac	PHTO	100,000.00
	PHO	50,000.00
Zambales	PHTO	100,000.00
	PHO	50,000.00
TOTAL		₱1,075,000.00

DPWH III

- a. Alerted and activated all district engineers and offices respectively

PRO III

- a. Alerted all PNP troops and issued bulletins re TY “LUIS” monitoring

4. RDRRMC IV-A

- a. Raised to Blue Alert Status on 13 September 2014
- b. On 13 September 2014, PDRA Core Group was convened to discuss the potential effects of TY “LUIS”
- c. Disseminated RDRRMC IV-A Memorandum re Preparation for TY“LUIS” to RDRRMC Member Agencies and CALABARZON LDRRMOs

DOST IV-A

- a. Monitored weather thru early warning system within AOR
- b. Utilized Project HANDA Text Blast System to continuously disseminate weather advisories

PAGASA IV-A

- a. Provided latest weather update on TY “LUIS”, its projected track, and the expected amount of rainfall for the region

DILG IV-A

- a. Assisted in the dissemination of weather advisories and providing updates to the RDRRMC IV-A OpCen
- b. Instructed Provincial Offices to be on standby alert and ensure that the preparedness measure of LGUs are well undertaken
- c. Requested the PDRRMOs to check the status of their QRF for possible utilization

DSWD IV-A

- a. Advised all QRT, SWAD Officers, Pantawid Pamilya Provincial, Municipal Links, and PDOs to be prepared for possible deployment in the region
- b. Coordinated with the LGUs through P/C/MSWDOs and P/C/MDRRMCs
- c. Made available 12,000 family food packs and non-food items ready for distribution
- d. Ensured the availability of delivery truck and other vehicles and drivers

BFP IV-A

- a. Alerted all Provincial, City, and Municipal Fire Stations to assist the LDRRMCs when needed

DOH IV-A

- a. Ensured the availability of prepositioned drugs, medicines and medical supplies in PDOH

DPWH IV-A

- a. Activated the operations center of all 15 District Engineering Offices
- b. Monitored the status of national roads especially those located in landslide-prone areas for possible clearing operations

PIA IV-A

- a. Assisted in the dissemination of advisories and provision of updates to the general public

PRO IV-A

- a. Coordinated with RDRRMC IV-A OpCen
- b. Disseminated weather advisories and ensure preparation measures are undertaken by the Provincial Police Offices of CALABARZON
- c. Ensured the readiness and availability of PNP personnel for possible deployment

PDRRMCs Cavite, Batangas, Laguna, and Quezon

- a. Activated the PDRRMC Operations Center
- b. Advised all personnel to be on standby alert
- c. Prepositioned rescue equipment in low-lying areas prone to flooding
- d. Disseminated weather advisories and ensures preparations to be undertaken by the C/MDRRMOs
- e. Advised C/MDRRMOs to conduct pre-emptive evacuation of communities/areas especially those affected by previous Typhoon "Glenda"
- f. Monitored coastal and other low-lying areas for possible pre-emptive evacuation

Rizal PDRRMC

- a. LDRRMCs convened for final briefing and activation of operations center
- b. Placed Provincial hospitals on alert status
- c. Coordinated with DepEd, Rizal PPO and Brgy. Officials for pre-emptive evacuation
- d. Coordinated with PNP, AFP, BFP, and PCG for prepositioning of resources
- e. All PDRRMC members facilitated proper measures

5. RDRRMC IV-B

- a. Placed Operations Center on alert status for monitoring/coordination /assistance

DILG CAR

- a. Disseminated advisories to all Local Chief Executives through DILG Provincial Directors to activate, monitor, and make necessary reports
- b. Directed MLGOOs to be part of monitoring teams
- c. Rendered duty at the CDRRMC Operations Center

DSWD IV-B

- a. Monitored and alerted all SWAD Team Staff and QRTs in their respective provinces

DOH IV-B

- a. Monitored typhoon-related health concerns

DPWH IV-B

- a. Monitored the status of national roads and bridges in their AOR

PRO IV-B

- a. Alerted all PPOs down to their lower units and continuous monitoring the status in their area

PDRRMCs/MDRRMCs of Oriental Mindoro, Occidental Mindoro, Romblon, Marinduque, and Palawan

- a. Alerted all DRRMC members for possible effects of TY "LUIS"
- b. Alerted Local DOCs in five (5) provinces of MIMAROPA and emergency responders

6. RDRRMC V

- a. Placed OCD V Operations Center on Red Alert Status effective on 12 September 2014, 8:00 AM
- b. Cancelled sea trips in Catanduanes effective on 13 September 2014, 6:00 AM
- c. OCD V conducted PDRA re TY LUIS attended by the concerned RDRRMC member agencies on 13 September 2014

PAGASA V

- a. Provided latest weather update on TY "LUIS", its projected track, and the expected amount of rainfall for the region

DSWD V

- a. Placed on standby alert
- b. SWAD Team coordinated with P/MDRRMO for updates
- c. DSWD SWAD Team coordinated with the MDRRMO for validation and assessment if there is a need to provide relief assistance

BFP V

- a. Activated "OPLAN PAGHAHANDA SA SAKUNA" ordering all operating units to undertake proactive steps in partnership and coordination with their provincial, city, municipal DRRMCs, PNP, AFP, LGUs, and other concerned agencies
- b. Ensured the availability of fire/rescue/emergency medical personnel, apparatus, and auxiliary units

DOH V

- a. Activated Code White Alert in Catanduanes HEMS was and placed emergency response teams on standby for any eventualities
- b. Prepositioned drugs and medicines

DPWH V

- a. Activated District DRRM Teams to monitor flood and landslide-prone road sections

PRO V

- a. Ordered all units to undertake appropriate preparations such as but not limited to:
 - Operators of boats should be advised to avoid sailing/fishing due to adverse weather condition
 - Strengthened security of ports where there are stranded passengers
 - Organized SAR trained and other PNP personnel for rapid deployment purposes (security of evacuation centers; participation in relief operations; establishment of security control points)

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

- a. Disseminated Weather Advisories and monitoring the situation in their respective AORs

7. RDRRMC CAR

- a. Placed Cordillera RDRRM Operations Center on Blue Alert Status on 15 September 2014, at 5:00 PM
- b. Activated all PDRRMCs
- c. RDDRRMC conducted PDRA for the potential effects of TY "LUIS" on 12 September 2014, 3:00 PM
- d. Activated Cordillera DRRMC in preparation of the following:
 - Road closures due to landslides, rockslides, and road slips
 - Isolation of province and municipalities
 - Power interruptions and cut-offs
 - Damage to cell sites and communication lines
 - Damage to houses

- Effect to Population (i.e. casualties, displacement)
- Damage to agriculture
- e. Discussed the following Response strategies to attain zero casualty
- f. Ensure the activation of the following:
 - LDRRMCs
 - Local Disaster Operations Center (24/7)
 - Local Emergency Response Teams
 - Provincial DANA Teams
- g. Prepositioned Emergency communications system (i.e. Thuraya Satphone, AFP, PNP and local communications systems)
- h. Prepositioned resources in regional and local to include family packs in LGUs
- i. Massive regional and local public information drive through text blasts, tri-media, and social networking sites
- j. Conduct of pre-emptive evacuation
- k. Suspension of classes and public gatherings
- l. Utilization of QRF to support disaster operations activities
- m. Alerted eighteen (18) RDANA Teams with a total of 180 personnel was placed on standby
- n. Convened CRDRRMC
- o. Coordinated with LDRRMCs on weather updates and actions taken

DOST CAR

- a. Coordinated with field personnel for intense monitoring of Automatic Rain Gauges (ARGs) across the region (Abra: 24, Apayao: 7, Baguio and Benguet: 14, Ifugao: 12, Kalinga: 7, Mountain Provinces: 12)

PAGASA CAR

- a. Observed real-time weather update reporting to the Cordillera RDRRMC OpCen

DSWD CAR

- a. Activated Red Alert Status on 13 September 2014
- b. Prepositioned a total of 26,098 prepositioned family packs at the provincial and regional field office
- c. Made available ₱1,000,000.00 standby fund at the regional office
- d. Alerted 19 QUART teams at the Field Office and in the provinces to render duty at the their respective PDRRMC/MDRRMC Operation Centers
- e. Placed seven (7) Provincial SWAD Teams on standby
- f. Made available 80 tents

BFP CAR

- a. Placed Operations Center on Red Alert
- b. Prepositioned rescue vehicles, (7) ambulances, (43) fire trucks and emergency supplies
- c. Prepositioned five (5) rubber boats at Kalinga, Apayao, and Abra

DA CAR

- a. Monitored crop situation per province. Made available buffer seeds on standby for livelihood rehabilitation (rice seeds-3,280 bags/40kgs; white corn seeds -133 bags/18kgs; yellow corn seeds-2,000 bags/18kgs; assorted vegetable seeds – 2,200 sachets)

DOH CAR

- a. Activated White Alert Status in Operations Center
- b. Prepositioned Emergency response teams for possible deployment
- c. Coordinated with hospitals and medical facilities across the region, especially those located in areas forecasted to be directly hit by TY "LUIS"

DPWH CAR

- a. On Red Alert Status for 24/7 monitoring and coordination with CDRRMC OpCen regarding road conditions

- b. Prepositioned road clearing equipment for possible road closures (i.e. dumptrucks-13, pay loader- 6, road grader-7, excavator-1, roller-1)

Mines and Geosciences Bureau-CAR

- a. Advised Provincial Mining Regulatory Boards (PRMBS) to suspend small scale mining activities in the province of Apayao, Kalinga, Mt. Province, Benguet, and Abra
- b. Provided hazard maps (landslide and flood prone) to LGUs for their awareness and decision-making in DRRM

NTC CAR

- a. Monitored cellular sites for possible loss and restoration of signals
- b. Informed Communication Companies to intensify monitoring of communication lines especially in areas under PSWS #3

PIA CAR

- a. Disseminated weather advisories and warning alerts to the public through text blasts, social media accounts, and various media outfits

PRO CAR

- a. Rendered 24/7 duty at the CRDRRMC OpCen for faster communication
- b. Assisted in the dissemination of weather bulletins through Provincial Police Offices (PPOs) across the region
- c. Placed Search and Rescue equipment and personnel at PPOs were put on standby
- d. Activated Oplan "Saklolo"
- e. Equipment/assets includes the following: (4) rubber boats, (335) life vests, (5) flattening ropes, (45) PNP SAR Boxes, (4) spine boards, (24) rescue ropes, (8) rescue ladders, (4) stretchers, (60) patrol vehicles with lift capability, and (2) personal carrier trucks

PDRRMCs Abra, Apayao, Benguet, Ifugao, Kalinga, and Mt. Province

- a. Placed Operations Center on Red Alert Status for 24/7 monitoring
- b. Placed Response and rescue teams on standby for deployment or augmentation
- c. Disseminated weather advisories and warning alerts to the public using INFOBOARD text blast
- d. Coordinated with P/MDRRMC on the status of their AOR
- e. Advised Local Chief Executives to strongly implement pre-emptive evacuation in high-risk areas

CDRRMC Baguio

- a. Placed Operations Center on Red Alert
- b. Placed Response and rescue teams on standby
- c. Disseminated weather advisories and warning alerts to the public via SMS Text Blast and VHF Radio
- d. Activated Barangay DRRMC Operations Center
- e. Advised BDRRMCs to strongly implement pre-emptive evacuation to high-risk areas including Brgys. Irisan, Pinsao, and Crystal Cave

PDRRMC Abra

- a. Provincial Police Office monitored their AOR regularly
- b. Recommended suspension of classes in all levels and government offices
- c. Command Post established at Provincial Capitol with PDRRMC Response agencies

PDRRMC Mt. Province

- a. Advised areas in Bontoc, Tadian and Tuwe to conduct pre-emptive evacuation

PDRRMC Benguet

- a. Monitored the implementation of pre-emptive evacuation at Sitio Mamuyot in Tublay

8. RDRRMC NCR

MMDA

- a. Placed composite teams on standby for possible deployment in 23 flood-prone areas

DSWD NCR

- a. Prepositioned a total of 31,000 family food packs at the Region's warehouse at Pasay City
- b. Alerted DSWD NCR Disaster Response Teams
- c. Crisis Intervention Section coordinated with Metro Manila Development Authority (MMDA) – Flood Control Information Center in monitoring amount of rainfall in flood-prone areas
- d. Pantawid Pamilya Disaster Response Team coordinated with City Social Welfare Department of LGUs in Metro Manila for possible pre-emptive evacuation and augmentation support

DOH NCR

- a. Prepositioned ₱696,784.00 worth of medicines in 17 LGUs

NCRPO

- a. Placed on standby
- b. Prepositioned five (5) 6x6 trucks for five (5) districts of NCR; five (5) 6x6 are stationed at NCRPO; and Regional Public Safety Battalion

CDAG

- a. Prepositioned assets for possible deployment

Manila Water

- a. Readied potable water were readied for evacuation centers.

CDRRMC Manila

- a. Placed Emergency Response Assistance and Preparedness (ERAP) Command Center on standby.
- b. Placed Manila WASAR Team with equipment on standby for deployment.
- c. Alerted Barangays in coastal areas for the possible effects of TY LUIS in Metro Manila.
- d. Placed Manila DRRMO on standby for possible deployment in AOR.

CDRRMC Makati

- a. Alerted the barangays re TS LUIS.

CDRRMC Taguig

- a. Alerted response groups and prepositioned rescue equipment in strategic locations.

CDRRMC Valenzuela

- a. Advised BDRRMCs to conduct preparedness measures.
- b. Advised Flood-prone communities along Tullahan, Polo River and Creeks to prepare for possible evacuation.
- c. Placed City and volunteer responders with their equipment as well as transport trucks and drivers on standby.
- d. Prepositioned pre-packed food and non-food items.

CDRRMC Pasay

- a. Placed Operational Task Force and all Pasay DRRM Unit on standby.

CDRRMC Malabon

- a. Placed Rescue and response unit and personnel, vehicle and equipment on standby.

Outdoor Advertising Association of the Philippines

- a. Directed to roll-down the billboards and tarpaulins in Metro Manila in preparation for TY Luis.

**EFFECTS OF TY “LUIS” (KALMAEGI)
DISASTER RESPONSE
12-15 September 2014**

I. FOOD AND NON-FOOD ITEMS**Department of Social Welfare and Development (DSWD)**

- The Disaster Response Operations Monitoring and Information Center (DROMIC) coordinated with DSWD Field Offices along the typhoon path for significant reports and relief efforts

DSWD II

- Made available standby funds amounting to PhP898,922.78 and stockpile of: 2,168 family food packs, 314 assorted canned goods, 987 bottled water, and 36,000 tins of ready to eat food
- Prepositioned food packs in the coastal Municipalities of Isabela, all Municipalities and Cities in the Provinces of Cagayan, Isabela, Nueva Vizcaya, Quirino, and Batanes

DSWD V

- Provided food packs and bottled water to all passengers stranded in Tabaco and Bulan port

DSWD CAR

- Distributed used clothing to affected families in Apayao

Regional DRRMC III**PDRRMC Zambales**

- Ensured the availability of family food packs ready for distribution and prepositioning of relief goods

Regional DRRMC IV-B**PDRRMC Romblon**

- Provided food packs to the stranded passengers in Romblon Port

Regional DRRMC V**PDRRMC Catanduanes**

- Provided rice meals to the stranded passengers at Tabaco Port

II. PCCM (PROTECTION, CAMP COORDINATION & MANAGEMENT)**Department of Social Welfare and Development (DSWD)****DSWD III**

- Cabanatuan CSWDO conducted relief distribution and validation of barangay reports on 15 September 2014

Philippine National Police (PNP)**Ilocos Norte PPO**

- Conducted pre-emptive evacuation of families living near coastal areas in Pagudpud and Bangui

Regional DRRMC I**CDRRMC Alaminos**

- Established an Incident Command Post

MDRRMCs Pagudpud and Bangui, Ilocos Norte

- Conducted pre-emptive evacuation of families living near coastal areas

Regional DRRMC III**PDRRMC Aurora**

- Conducted pre-emptive evacuation in Barangay Calaacan and Barangay Diamanen, Dipaculao, Aurora due to heavy rains and strong winds

PDRRMC Bataan

- Conducted pre-emptive evacuation in Barangay Colo and Happy Ville, Bataan on 15 September 2014

PDRRMC Bulacan

- Conducted evacuation in Barangay Salambao, Obando

PDRRMC Pampanga

- Conducted evacuation in San Juan Bano, Arayat

PDRRMC Nueva Ecija

- Conducted pre-emptive evacuation in Brgy. Acfa, Imelda, Sta. Arcadia, Barrera, and D.S. Garcia of Cabanatuan on 14 September 2014

Regional DRRMC IV-A**PDRRMC Quezon**

- Advised the C/MDRRMOs to conduct pre-emptive evacuation of families vulnerable to strong winds and flooding

Metro Manila DRRMC

- CDAG Team reported to Marikina City Command Center to assist the evacuation in Barangay Tumana

Manila DRRMO

- Manila Mayor ordered pre-emptive evacuation in Baseco Gasangan Area, Corazon High School, and Ninoy Aquino Elementary School

III. HEALTH (WASH, MEDICAL, NUTRITION AND MEDICAL HEALTH PSYCHOSOCIAL SERVICES)**Department of Health (DOH)****DOH Central Office**

- On Code White Alert
- Coordinated with ROs for preparedness, current status and actions taken
- Coordinated with hospitals in Southern Leyte and Surigao City for possible referrals of maritime incident victims

DOH RO VIII

- Augmented logistics to San Ricardo RHU and Pintuyan District Hospital worth ₱9,340.00
- PHTO augmented assorted drugs and medicines in San Ricardo, Southern Leyte worth ₱6,270.00
- Augmented assorted drugs and medicines to Lipata port in Southern Leyte (maritime incident-MV Maharlika 2) worth ₱15,611.25

DOH RO XIII

- Augmented medicines, medical supply, fluids and cadaver bags
- CRH treated a total of twenty-three (23) patients
- CHO Surigao City deployed medical team in Lipata Port
- Province of Dinagat Island deployed MHPSS Team to Lipata port (8 man team)
- MHPSS Team was able to provide Psychosocial Processing to 26 males and 6 females and referred four (4) others
- Provided drugs, medicines, and cadaver bags to CRH worth ₱34,851.64 and ₱2,890.00 worth of cadaver bags for CDRRMO

IV. LOGISTICS**Department of Public Works and Highways (DPWH)**

- Deployed manpower and equipment, installed warning signs, and conducted clearing operations on the reported closed roads

DPWH III

- Deployed heavy equipment of District Engineering I in the landslide prone areas in Cagayan Valley Road at Barangay Putlan, Carangalan, Nueva Ecija
- Installed warning and directional signs in Nueva Ecija that are not passable

DPWH CAR

- Activated 19 Quick Action Response Teams (QUARTs) and 6 SWAD teams
- Conducted clearing operations in areas affected by landslides and coordinated with private contractors for road closures

Department of Health (DOH)

DOH RO I

- Alerted 3 DOH retained Hospital and put on standby DOH RO I Response Team

DOH RO III

- Alerted medical response team

Armed Forces of the Philippines (AFP)

Philippine Air Force (PAF)

- Deployed a total of 696 personnel, 25 vehicles, and 30 rubber/rescue boats

TOG 3 of PAF

- Prepositioned two (2) helicopters at NOLCOM, Tarlac

Philippine National Police (PNP)

PRO I

- Deployed thirty (30) rubber boats with OBM and one (1) speed boat

ISABELA

- Deployed 385 personnel, 82 vehicles and 26 rubber boats

PRO IV-A

- Deployed thirty-two (32) personnel

PRO CAR

- Deployed eight (8) personnel, sixty-two (62) vehicles and four (4) rubber boats

NCRPO

- Deployed 240 personnel and 10 vehicles

Regional DRRMC I

- Coordinated with AFP-NOLCOM for the availability of helicopter for aerial reconnaissance to determine the extent of damage in the region

MDRRMC Santa, Ilocos Sur

- Supervised the digging operation in water spillway in Barangay Tabucolan to avoid flooding in Pasungol and Bucalag

Regional DRRMC III

- Coordinated with PRO III for augmentation of forty (40) PNP personnel from Camp Olivas, Brgy. San Matias, CSFP re repacking of FIs / NFIs for relief operations at DSWD-RFU3 Warehouse, DM Gov't. Center, Maimpis, CSFP

PDRRMC Pampanga

- Conducted sandbagging and sand filling of collapsed portion of Arnedo Dike at Apalit on 14 September 2014

PDRRMC Zambales

- Coordinated with Tarlac Police Provincial Office, 3rd Mechanized Inf. Battalion, 522nd Engineering Battalion and Provincial Engineers Office/Provincial Equipment Pool Office for possible deployment of assets and personnel if the need arises

Regional DRRMC VI

MDRRMC Isabela

- Provided transportation and relief assistance to the evacuees

Regional DRRMC NCR

- Deployed 4KM450 – Military Vehicle with Driver and Escort

V. EMERGENCY TELECOMS

Philippine Information Agency (PIA)

PIA II

- Disseminated weather advisories to all local media practitioners in the region, and published press releases via the PIA website

PIA IV-A

- Assisted RDRRMC IV-A in the dissemination of weather advisories/updates

Armed Forces of the Philippines (AFP)

501ST, 503RD, and 502ND Brigade

- Placed Emergency telecommunications and Search and Rescue equipment on standby
- Established communication link between provincial disaster operations centers and CRDRMC OpCen for faster communication and coordination

Regional DRRMC CAR

- Conducted a Press Conference attended by OCD CAR, DSWD, PAGASA, DPWH, BENECON, PIA CAR, and media members at around 9:20 AM, 15 September 2014

Regional DRRMC IV-A

- Set up and ensured the operationalization of THURAYA Satellite Phone

VI. DAMAGE ASSESSMENT AND NEEDS ANALYSIS

Department of Health (DOH)

DOH RO II

- Conducted Rapid Health Assessment to areas affected

Department of Agriculture (DA)

DA RFO2

Philippine Statistics Authority – Bureau of Agriculture Statistics (PSA-BAS)

- Monitored and assessed the extent of damages on agricultural crops

Philippine Coast Guard (PCG)

PCG II and Coast Guard District North Western Luzon

- Strictly enforced the “No Sail Policy” in their AOR

Regional DRRMC I

- Activated Regional RDANA Team for the conduct of assessment in the areas affected by TY “LUIS”
- Conducted assessment in Pangasinan from 17-19 September 2014 and in Ilocos Norte from 22-23 September 2014

Regional DRRMC II

- Composite Team from OCD, DSWD, DILG, and DOH conducted Rapid Damage Assessment and Needs Analysis (RDANA) in the Provinces of Cagayan and Isabela

Regional DRRMC CAR

- All PDRRMCs and CDRRMC Baguio conducted Rapid Damage Assessment and Needs Analysis (RDANA) in their respective AORs
- On 17 September 2014, 8:00 AM, a meeting was convened led by Apayao PDRRMC together with the Regional RDANA Team. Subsequently, at 9:00 AM, field assessment on the damages and needs was conducted in coordination with the Apayao PDRRMC and MDRRMCs Luna, Pudtol, Sta. Marcela, and Flora
- Cordillera Regional RDANA Team conducted a meeting on 16 September 2014, 9:00 AM at the OCD-CAR Operations Center for the deployment
- Coordinated with LDRRMCs re conduct of RDANA in their respective AORs

Baguio CDRRMC and PDRRMCs Abra, Apayao, Kalinga, Mt. Province, Ifugao, and Benguet

- Deployed RDANA Teams in coordination with the Regional RDANA Team in their respective AORs
- Coordinated with the Regional RDANA Team for validation of reports; continuously validated damages in agriculture and infrastructure

Effects of Typhoon "LUIS" (KALMAEGI)
COST OF ASSISTANCE
 12 - 15 September 2014

Region/Province/Mun/City	DSWD	LGUs	NGOs/Other Gos	TOTAL (Php)
GRAND TOTAL	15,021,784.75	3,344,212.00	3,500.00	<u>18,369,496.75</u>
Region/Province/Mun/City				
NCR	139,000.00	-	-	139,000.00
Marikina	139,000.00			139,000.00
CAR	97,250.00	89,184.00	-	186,434.00
Apayao	64,750.00	3,150.00	-	67,900.00
Conner	20,500.00			
Kabugao	2,000.00			
Flora	36,250.00			
Luna	3,000.00	3,150.00		
Sta. Marcela	3,000.00			
Benguet	12,750.00	51,960.00	-	64,710.00
Itogon		45,960.00		
Tublay	12,750.00	6,000.00		
Kalinga	-	34,074.00	-	34,074.00
Lubuagan		8,037.00		
Pinukpuk		18,000.00		
Tabuk City		8,037.00		
Mt. Province	19,750.00	-	-	19,750.00
Bontoc	19,750.00			
Region I	4,723,955.00	458,647.00	-	5,182,602.00
La Union	-	22,397.00	-	22,397.00
San Fernando City		7,597.00		
Agoo		6,400.00		
Bacnotan		8,400.00		
Pangasinan	4,723,955.00	436,250.00	-	5,160,205.00
Alaminos City		8,100.00		
Asingan		87,600.00		
Balungao	162,955.00			
Calasiao	1,176,550.00			
Dagupan City	1,504,200.00			
Laoac	250,700.00	50,050.00		
Manaoag	250,700.00			
Mangaldan	250,700.00			
Rosales	250,700.00			
San Fabian	250,700.00			
San Quintin		61,700.00		
Santa Barbara	376,050.00			
Sison		103,000.00		
Urdaneta City	250,700.00	125,800.00		
Region II	826,750.00	627,227.00	-	1,453,977.00
Cagayan	575,000.00	113,355.00	-	688,355.00
Alcala	37,500.00	600.00		
Aparri		100,000.00		
Gonzaga	187,500.00	12,155.00		

Region/Province/Mun/City	DSWD	LGUs	NGOs/Other Gos	TOTAL (Php)
Claveria	50,000.00			
Lasam	37,500.00			
Rizal	37,500.00			
Sato Nino (Faire)	37,500.00			
Amulung	75,000.00			
Iguig	37,500.00			
Tuao	37,500.00			
Tuguegarao City	37,500.00	600.00		
Isabela	201,750.00	513,872.00	-	715,622.00
Divilacan	1,750.00	77,500.00		
Ilagan		28,000.00		
Maconacon	162,500.00	207,460.00		
Palanan		51,500.00		
Sta. Maria	37,500.00	127,500.00		
Dinapigue		21,912.00		
Nueva Vizcaya	50,000.00	-	-	50,000.00
Sta. Fe	50,000.00			
Region III	9,234,829.75	2,169,154.00	3,500.00	11,315,743.75
Aurora	-	5,250.00	-	5,250.00
Dipaculao		5,250.00		
Bulacan	3,519,115.75	633,150.00	-	4,152,265.75
c/o Cong Alvarado	1,078,110.00			
City of Meycauayan	199,600.00			
Marilao	179,685.00			
San Miguel	1,971,878.25	633,150.00		
Sta. Maria	89,842.50			
Nueva Ecija	3,317,139.00	227,140.00	-	3,544,279.00
c/o Prov' Government	1,071,225.00			
c/o Cong Umali	610,929.00			
Cabanatuan City	197,685.00			
Cabiao		60,000.00		
City of Gapan		15,000.00		
Cuyapo	718,740.00	14,000.00		
General Tinio (Papaya)		11,140.00		
Licab	718,560.00			
San Isidro		22,500.00		
Talavera		80,750.00		
Talugtog		22,500.00		
Zaragoza		1,250.00		
Pampanga	642,735.00	-	-	642,735.00
Candaba	642,735.00			
Tarlac	1,744,840.00	1,222,874.00	3,500.00	2,971,214.00
La Paz	1,644,840.00	130,000.00		
Mayantoc		60,000.00		
Paniqui	100,000.00	1,032,874.00		
San Clemente			3,500.00	
Tarlac	11,000.00	80,740.00	-	91,740.00
Iba	11,000.00	80,740.00		

Effects of Typhoon "LUIS"(KALMAEGI)
CASUALTIES
12-15 September 2014

INCIDENT		NAME	AGE	ADDRESS	CAUSE / DATE / REMARKS
GRAND TOTAL	<u>8</u>	DEAD			
<i>M/V Maharlika 2</i>	1	Ismael, Rashima	20 y/o, F		previously reported as Rahima
	1	Mosqueda, Armando	F		Brought to Aldonza Funeral Homes, Surigao City (Source OCD-CARAGA)
	1	Unidentified			
	1	Ramon Molato	70 / M		
	1	Nelson Custodio	56 / M		Previously reported as missing
	1	Tiffany Saberon	2 / F		Previously reported as missing
	1	Arlita Puyales	50 / F		
	1	Betty Bahi	F		
GRAND TOTAL	<u>5</u>	INJURED			
<i>M/V Maharlika 2</i>	1	Ruth Ebol			
	1	Peter John Santos			
	1	Jerson Sabrini	16 / M		
	1	Limpangag, EuFio	43 / M		Previously included in list of survivor
	1	Ogonion, Oliver	18 / M		Admitted to Caraga Regional Hospital
GRAND TOTAL	<u>128</u>	RESCUED/SURVIVORS			
<i>M/V Maharlika 2</i>	1	Abapo, Rico	52 / M		
	1	Abdullah, Salahudin	M		
	1	Abusana, Dally	M		
	1	Acerio, Raul	41 / M	General Santos City	
	1	Adolfo, Vicente	M		
	1	Agarao, Felipe Jr.	M		
	1	Agojo, Jaypie	25 / M	Batangas	
	1	Alamo, Justin	6 / M	Cavite	
	1	Andil, Marhom	M		
	1	Andil, Sara	30 / F		
	1	Aparra, Cosme	M		
	1	Arcibal, Jimuel	M		
	1	Bactasa, Allan	M		
	1	Balame, Rose	48 / F	Himos, Cavite	
	1	Balelie, Christian	M		
	1	Bautista, Leonardo	M		
	1	Bayli, Christian	37 / F	Surigao City	
	1	Buhos, Jessie	26 / M	Valencia, Ormoc City	
	1	Buyao, Lito	44 / M		
	1	Caballes, Sherwin	M		
	1	Cabanero, Tobias	M		
	1	Cagas, Ritchie	36 / M	Pampanga	
	1	Calibuyot, Rudney	25 / M	Panabo, Davao	
	1	Campo, Noel	M		
	1	Candelasa, Rino	M		
	1	Caseres, Jess Clemente	M		
	1	Caseres, Maria Loresa	F		
	1	Cayago, Juan	M		
	1	Consigna, Bobby	M		
	1	Cuaban, Ronaldo	43 / M	Misamis Oriental	
	1	Curato, Romnick	26 / M		
	1	Curato, Ronel	24 / M		
	1	Dabatian, Gino	M		
	1	Dahias, Rhea May	F		
	1	Damon, Rommel	M		
	1	De Jesus, Ian	M		
	1	De Leon, Jose Adrian	M		
	1	Dela Cruz, Eddie	M		
	1	Dillas, Kevin	M		
	1	Duran, James Steven	M		
	1	Enalisan, Bernadin	M		
	1	Esmundo, Geni	M		
	1	Espocia, Elmo	M		
	1	Fayter, Ilongan	M		
	1	Francisco, Romar	M		
	1	Gabag, Romeo	M		

INCIDENT		NAME	AGE	ADDRESS	CAUSE / DATE / REMARKS
M/V Maharlika 2	1	Gagas, Richie	M		
	1	Gaylon, Rohayne	M		
	1	Gerozaga, Arman	M		
	1	Gime, Reynaldo	M		
	1	Glaban, Armando	M		
	1	Gumabon, Joshua	M		
	1	Guti, Melanie	15 / F	Davao	
	1	Guyano, Bateriano	M		
	1	Indaya, Lanmar	M		
	1	Jumabon, Joshua	21 / M		
	1	Kubal, Ruth	F		
	1	Labadan, John	M		
	1	Lastimosa, Kelly Ian Deann	M		
	1	Layos, Andrelyn	F		
	1	Lingnes, Ranel	M		
	1	Litesan, Jhing	42 / F		
	1	Llanera, Allan	M		
	1	Lleque, Emil	22 / M	Basey, Samar	
	1	Lleque, Maria Isabel	28 / F	Samar	
	1	Loralde, John Paulo	M		
	1	Madis, Penny	M		
	1	Makaranas, Carlene Jade	25 / F		
	1	Mallen, Criston	35 / M	Davao	
	1	Mallen, Roel	32 / M	Davao	
	1	Malquiredo, Gil	M		
	1	Marabolas, Sophia	F		
	1	Maravillas, Rodeto	M		
	1	Matalang, Emmanuel	M		
	1	Mendoza, Eddie Jr.	M		
	1	Mesias, Tita	54 / F	Cantilan, SDS	
	1	Mira, Loreto	M		
	1	Mosqueda, Alven	M		
	1	Moyles, Sunny	34 / M	Batangas	
	1	Mulliet, John Paul	M		
	1	Nueves, Dexter	29 / M	Laguna	
	1	Olarte, Ryan Richie	M		
	1	Orale, Prince Ron	M		
	1	Padjos, Archie	M		
	1	Palma, Ryan Jake	M		
	1	Plazo, Sonny	M		
	1	Quibol, Rose	44 / F	Tandag City	
	1	Quisano, Criselda	41 / F	Tagum City	
	1	Reamon, Joshua	M		
	1	Reyes, Alvin	M		
	1	Reyes, Erwin	35 / M	Batangas	
	1	Reyes, Judita	34 / F		
	1	Rhodas, Dennis	28 / M	Mandaluyong	
	1	Saberon, Jesse	56 / M	Laguna	
	1	Salmoro, Marites	F		
	1	Sangilan, Gilbert	M		
	1	Sartaoga, Joel	27 / M		
	1	Silongan, Tilak	M		
	1	Silungan, Dayto	M		
	1	Suerte, Ranelo	M		
	1	Sulla, Gladys	F		
	1	Sumangka, Anisan			
	1	Tabon, Joselito	M		
	1	Tayamen, Jan Randy	M		
	1	Tisbe, Eufanio	M		
	1	Takoyo, Jerald	33 / M	Batangas	
	1	Tomabat, Gregorio	M		
	1	Vertudazo, Jeffrey	M		
	1	Vicente, Adolfo	30 / F	Capiz	
	1	Villareyes, Ronald	43 / M	San Fernando, Pampanga	
	1	Villarice, Ronald	M		
	1	Yandog, Alingie	F		
	1	Yulin, Welma	F		
M/V Super Shuttle Ferry 7 in Manila	1	Adlaon, Michael	22 / M	Negros Occidental	Quarter Master
	1	Alburo, Marciano Plabar	25 / M	Cebu City	3rd Engineer
	1	Becabes, Rammer	32 / M	Talisay, Cebu City	Chief Cook
	1	Bolo, Absolino	52 / M	Lapu-lapu City, Cebu	Chief Mate
	1	Canleta, Joel	25 / M	Langtad Argao, Cebu	Security Guard

INCIDENT		NAME	AGE	ADDRESS	CAUSE / DATE / REMARKS
M/V Super Shuttle Ferry 7 in Manila	1	Corpuz, Junie	30 / M	Sarangani Province	Boatswainmate
	1	Cudiasa, Rodney Napoles	24 / M	Gorodo Avenue, Cebu	2nd Mate
	1	Felio, Jeffrey Villa Castir	24 / M	Cebu City	Appentice
	1	Gonzales, Mark Anthony	20 / M	Talisay, Cebu City	Engine Cadet
	1	Guimaras, Jonathan	26 / M	Zamboanga del Norte	Quarter Master
	1	Ladion, Romie Jr.	24 / M	Misamis Occidental	Deck cadet
	1	Macapas, Jeffrey	23 / M	Mandaue City	Oiler
	1	Robles, Rodelio	39 / M	Sultan Kudarat	Electrician
	1	Serognas, Renante	37 / M	Carcar City, Cebu	Ordinary Seaman
	1	Villarosa, Randie	25 / M	San Miguel Cordova, Cebu	Oiler
GRAND TOTAL	1	MISSING			
M/V Maharlika 2	1	Saberon, Felizardo	61 / M		-MARITIME INCIDENT INVOLVING"MV MAHARLIKA-2"