



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**

### **SitRep No. 26 re Preparedness Measures and Effects of Typhoon "LANDO" (I.N. KOPPU)**

Releasing Officer:

  
**USEC ALEXANDER P. PAMA**  
Executive Director

**DATE : 03 November 2015, 6:00 AM**

Sources: PAGASA, DSWD, DOH, DepEd, DPWH, DILG, BFP, PNP, AFP, PCG, DENR-MGB, PRC, BFAR, NFA, NTC, MIAA, NEA, NGCP, and ODRCS I, II, III, IV-A, IV-B, V, VI, VII, IX, X, XII, CAR, and NCR

#### **I. SITUATION OVERVIEW**

##### **14 October 2015**

The Tropical Storm (TS) with international name "KOPPU" has entered the Philippine Area of Responsibility (PAR) and was named "LANDO".

##### **15 October 2015**

TS "LANDO" intensified into a Severe Tropical Storm (STS) as it moved towards Isabela-Cagayan area. Public Storm Warning Signal (PSWS) No. 1 was raised in Isabela, Cagayan, Quirino, Aurora, Quezon including Polillo Island, Camarines Norte, Camarines Sur, and Catanduanes

##### **16 October 2015**

At about 4:00 AM, STS "LANDO" further intensified into a Typhoon (TY) as it continued moving westward towards Aurora-Isabela Area. PSWS No. 2 was raised in the Provinces of Aurora and Isabela. In late evening, PSWS No. 3 was hoisted in Northern Aurora, Quirino, and Isabela.

##### **17 October 2015**

TY "LANDO" slightly intensified and continued towards the Province of Aurora. "LANDO" has further intensified to 185 kph as it continues to threaten the Provinces of Aurora, Isabela, and Northern Quezon.

##### **18 October 2015**

At about 1:00 AM, TY "LANDO" has made landfall over Casiguran, Aurora and has remained almost stationary. PSWS No. 4, the highest warning signal issued, was raised in the Province of Aurora.

##### **19 October 2015**

TY "LANDO" traversed over Nueva Ecija and continued moving slowly towards the regions of Cordillera and Ilocos. "LANDO" weakened to a Severe Tropical Storm as it exited the landmass of Ilocos Norte at about 10:00 PM.

##### **20 October 2015**

"LANDO" has weakened into a Tropical Storm as it moved towards Calayan and Babuyan group of Islands.

##### **21 October 2015**

While traversing Balintang Channel, "LANDO" has weakened into a Tropical Depression and further weakened into a Low Pressure Area (LPA) in the afternoon.



## II. EFFECTS

### A. AFFECTED POPULATION (TAB A) & PRE-EMPTIVE EVACUATION (TAB B)

1. A total of **733,152 families or 3,126,130 persons** were affected in Regions I, II, III, IV-A, V, NCR, and CAR.
  - a. Inside **37 ECs** - **2,399 families / 9,122 persons**
  - b. Outside Ecs - **163,627 families / 704,441 persons**
2. A total of **5,426 families or 23,993 persons** were pre-emptively evacuated in Regions I, II, III, IV-A, and CAR.

### B. INCIDENTS MONITORED (TAB C) (No changes from previous SitRep)

1. A total of **956** incidents were monitored in Regions I, II, III, IV-A, NCR, and CAR:
  - a. **938** flooding incidents in Pangasinan, Ilocos Norte, Isabela, Nueva Vizcaya, Nueva Ecija, Tarlac, Bulacan, Pampanga, Zambales, Cagayan, and Benguet. Of which, floodwaters in **796 barangays** have already subsided.
  - b. Six (6) drowning in Regions II, III, IV-A, and CAR;
  - c. Four (4) landslides in Regions I and CAR;
  - d. Two (2) collapsed wall in Zambales;
  - e. Two (2) electrocution in Regions II and III; and,
  - f. Five (5) toppled tree in Regions I and NCR which caused deaths and rendered roads not passable

### C. CASUALTIES (TAB D) (No changes from previous SitRep)

1. **DEAD – 48**: Regions I, II, III, IV-A, NCR, and CAR.
2. **INJURED – 83**: Regions I, II, III, NCR, and CAR.
3. **MISSING – 4**: Regions III and CAR.

### D. SUSPENSION OF WORK AND CLASSES (No changes from previous SitRep)

#### Suspension of Classes (TAB E) (No changes from previous Sitrep)

1. A total of **5 cities**, and **24 municipalities** in Regions I and III have suspended classes on 22 October 2015.
2. All suspended classes in the Province of Benguet have resumed.

#### Suspension of Work

1. Work in all government offices, except frontline service providers and response agencies, in Regions I, II, III, and CAR were suspended on 19 October 2015.

### E. CANCELLATION OF CIVIL SERVICE COMMISSION (CSC) EXAMINATION

1. CSC Examination scheduled on 18 October 2015 in Regions I, II, NCR, and CAR, and in the Province of Tawi-tawi has been cancelled as a precautionary measure.

### F. STATUS OF LIFELINES

#### POWER SUPPLY (TAB F) (No changes from previous SitRep)

1. Power restored in the following provinces:
  - Provinces of Ilocos Norte, Cagayan, and Isabela
  - Provinces of Ifugao and Cagayan
  - Provinces of Zambales, Tarlac, and Bataan
  - Provinces of Laguna and Batangas
  - Province of La Union
  - Province of Ilocos Sur – restored except for the Municipalities of Sigay and Sugpon



- Province of Aurora – restored except for the Municipalities of Casiguran, Dinalungan, and Dilasag
2. Power restored in the Municipality of Cabiao, Nueva Ecija.

#### **ROADS AND BRIDGES (TAB G) (No changes from previous SitRep)**

1. A total of **14 road sections** and **4 bridges** are not passable due to flooding, landslides, and mud flow in Regions I, II, III, and CAR.
2. All roads and bridges in Region V are now passable.

#### **COMMUNICATIONS**

1. All communication lines are open.

#### **TRANSPORTATION SERVICES**

1. On 17 October 2015, 5:50 PM, LTFRB REGIII and Genesis Transport were advised to suspend operations of buses and mini-buses travelling via Baler, Baler-Cabanatuan / Baguio Routes.
2. On 18 October 2015, LTFRB advised RORO Bus Operators (Batangas Route) and Bus Operators for Regions I, II, IV-A, V to stop operations due to poor weather / sea state conditions.
3. On 19 October 2015, LTFRB, as per recommendation of DOTC-CAR, advised all motorists and Public Utility Vehicle (PUV) transportation companies in Benguet Province and Baguio City to suspend operations due to continuous heavy rains and strong winds.

### **G. STATUS OF PORTS**

#### **AIRPORT (TAB H) (No changes from previous Sitrep)**

1. Since 16 October 2015, a total of **103 flights (100 domestic and 3 international flights)** have been cancelled due to bad weather.
2. On 20 October 2015, 8:00 AM, San Fernando Airport operations were suspended due to flooding, affecting general aviation and training flights.
3. Issued Notice to Airmen (NOTAM) on 20 October 2015, 3:30 PM.
4. Training flights at Lingayen Airport were suspended due to strong winds and rains. No reported damage to airport.

#### **SEAPORT**

1. Operations in all affected ports have already resumed.

### **H. COST OF DAMAGES (TAB I) (No changes from previous SitRep)**

1. A total of **₱11,000,003,194.04** estimated cost of damages to agriculture and infrastructure in Regions I, II, III, IV-A, IV-B, V, and CAR
  - a. Infrastructure - **₱1,307,219,076.00**
  - b. Agriculture - **₱9,692,784,118.04**

### **I. DAMAGED INFRASTRUCTURES**

#### **DAMAGED HOUSES (TAB J)**

1. A total of **137,680 houses were damaged (18,795 totally / 118,885 partially)** in Regions I, II, III, IV-A, and CAR.

#### **DAMAGED HEALTH FACILITIES**

1. A total of **70 health facilities** were damaged in Regions I, II, III, IV-A, and CAR:
  - a. Region I – two (2) barangay health stations and one (1) city health office were partially damaged
  - b. Region II – one (1) regional office, four (4) hospitals, four (4) rural health units, and seven (7) barangay health stations were partially damaged while one (1) barangay health station was totally damaged
  - c. Region III – three (3) hospitals, three (3) rural health units, 30 barangay health stations, and two (2) other health facilities were partially damaged while three (3) barangay health stations were totally damaged



- d. Region IV-A – one (1) hospital and one (1) rural health unit were partially damaged
- e. CAR - two (2) hospitals and five (5) barangay health stations were partially damaged

**DAMAGED EDUCATIONAL FACILITIES**

1. A total of **1,434 classrooms** were damaged in Regions I, II, III, IV-A, V, NCR, and CAR (**totally damaged – 385 classrooms, partially damaged – 1,049**):

REGIONS	TOTALLY DAMAGED CLASSROOMS	PARTIALLY DAMAGED CLASSROOMS (MAJOR)
CAR	38	55
NCR	1	1
REGION I	92	164
REGION II	59	383
REGION III	154	406
REGION IV-A	21	30
REGION V	20	10
<b>GRAND TOTAL</b>	<b>385</b>	<b>1,049</b>

**J. COST OF ASSISTANCE (TAB K) (No changes from previous SitRep)**

1. A total of **₱122,849,702.80** worth of assistance was provided by DSWD (**₱82,493,474.56**), LGUs (**₱40,027,628.24**) and NGOs (**₱328,600.00**) of Regions I, II, III, IV-A, V, NCR, and CAR.

**K. DECLARATION OF STATE OF CALAMITY**

1. A total of **eight (8) provinces, two (2) cities, and 15 municipalities** were declared under State of Calamity.

PROVINCE / CITY / MUNICIPALITY	RESOLUTION NO.	DATE
<b>PROVINCE – 8</b>		
1. Province of Isabela	No. 319, s. 2015	21 October 2015
2. Province of Aurora	No. 121, s. 2015	
3. Province of Quirino	No. 80, s. 2015	20 October 2015
4. Province of Cagayan	No. 2015-8-390	21 October 2015
5. Province of Pangasinan	No. 525, s. 2015	20 October 2015
6. Province of Nueva Ecija	No. 268, s. 2015	18 October 2015
7. Province of Nueva Vizcaya	No. 2015-1949	26 October 2015
8. Province of Tarlac	No. 077, s. 2015	21 October 2015
<b>CITY – 2</b>		
1. Ilagan City, Isabela	No. 90, s. 2015	18 October 2015
2. Tuguegarao City, Cagayan	No. 149-2015	20 October 2015
<b>MUNICIPALITY – 15</b>		
1. Baler, Aurora	No. 062, s. 2015	
2. Calumpit, Bulacan	No. 109, s. 2015	
3. Sugpon, Ilocos Sur	No. 52, s. 2015	20 October 2015
4. Arayat, Pampanga	No. 033, s. 2015	20 October 2015
5. San Luis, Pampanga	No. 60, s. 2015	20 October 2015
6. Infanta, Quezon	No. 175, s. 2015	19 October 2015
7. General Nakar, Quezon	No. 113, s. 2015	19 October 2015
8. Camiling, Tarlac	No. 139, s. 2015	19 October 2015
9. Ramos, Tarlac	No. 57, s. 2015	19 October 2015
10. Cabatuan, Isabela	No. 56, s. 2015	
11. San Agustin, Isabela	No. 2015-51	21 October 2015
12. San Manuel, Isabela	No. 2015-034	21 October 2015



13. Sta. Cruz, Zambales	No. 15-103 s. 2015	21 October 2015
14. Candelaria, Zambales	No. 77, s. 2015	20 October 2015
15. <b>San Miguel, Bulacan</b>	<b>No. 2015 – 071</b>	<b>19 October 2015</b>

### III. DISASTER PREPAREDNESS (TAB L)

1. Alert Status of the NDRRM Operations Center was raised to Red Alert effective 12:00 NN, 16 October 2015, to continuously monitor the situation and ensure dissemination of Weather Advisories, Severe Weather Bulletins, 24-hour Public Weather Forecasts, Gale Warnings, 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 level.

### IV. DISASTER RESPONSE (TAB M)

1. Activated Response Clusters effective 16 October 2015, 12:00 NN, to monitor and act accordingly on identified/required needs and resources for response operations.
2. Conducted series of Response Clusters Meetings at NDRRMC Conference Room.
3. Issued OCD Travel Order No. 200, s. 2015 re Authority to Travel to Region III for the deployment of the National Rapid Damage Assessment and Needs Analysis (RDANA) Team from 21 to 27 October 2015.
4. Initial assessment led by SSWD with SILG, ED, NDRRMC and other NDRRMC Officials was done on 21 October 2015 in Baler and Casiguran, Aurora.
5. RDRRMC Region I conducted Aerial Survey in the Western and Eastern part of Pangasinan following the Agno River System and some parts of Central Pangasinan on 21 October 2015.
6. OCD-RDRRMC III conducted aerial survey to the areas devastated by the typhoon in the province of Aurora on 21 October 2015.
7. OCD-Region II deployed RDRRMC II - Damage Assessment and Needs Analysis Team to assess the effects of the typhoon.
8. President Benigno S. Aquino III, together with the members of his Cabinet and Executive Director, NDRRMC, visited the Provinces of Aurora, Pangasinan, Nueva Ecija, Pampanga, and Bulacan on 22 October 2015 to personally inspect the damages brought about by Typhoon "Lando". The President also led relief operations in Casiguran, Aurora.
9. Organized Ground Zero Government Response Convergence Group in Casiguran, Aurora headed by DSWD as the Vice-Chairperson for Disaster Response.
10. A total of six (6) Rapid Damage Needs Assessment Analysis (RDANA) Teams composed of representatives from different government agencies, City and Municipal DRRMOs, and other stakeholders with OCD as the lead were deployed in the following areas of the Provinces of Aurora and Nueva Ecija from 22 to 26 October 2015:
  - a. Dilasag, Aurora
  - b. Dinalungan and Casiguran, Aurora
  - c. Baler, Aurora
  - d. Zaragoza and San Antonio, Nueva Ecija
  - e. Gabaldon, Nueva Ecija
  - f. Cabanatuan City, Nueva Ecija
11. Establishment of the Ground Zero Coordination Hub to facilitate coordination of relief assistance/distribution, rapid damage assessment, and needs analysis and needed responses.

**PREPAREDNESS MEASURES AND EFFECTS OF TY "LANDO"**  
**AFFECTED POPULATION**  
 As of 03 November 2015, 6:00 AM

Region/Province/ Mun/City	AFFECTED			No. of Evac Centers	Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED - CURRENT (Inside + Outside)	
	Brgys	Families	Persons		Families	Persons	Families	Persons	Families	Persons
<b>GRAND TOTAL</b>	<b>3,523</b>	<b>733,152</b>	<b>3,126,130</b>	<b>37</b>	<b>2,399</b>	<b>9,122</b>	<b>163,627</b>	<b>704,441</b>	<b>166,026</b>	<b>713,563</b>
<b>NCR</b>	<b>7</b>	<b>1,431</b>	<b>6,696</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
MARIKINA	2	500	2,450		-	-			-	-
NAVOTAS CITY	2	17	85						-	-
QUEZON CITY	3	914	4,161						-	-
<b>REGION I (ILOCOS REGION)</b>	<b>1,378</b>	<b>264,305</b>	<b>1,126,326</b>	<b>2</b>	<b>9</b>	<b>33</b>	<b>59,900</b>	<b>273,859</b>	<b>59,909</b>	<b>273,892</b>
<b>ILOCOS NORTE</b>	<b>26</b>	<b>1,402</b>	<b>5,182</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>250</b>	<b>1,250</b>	<b>250</b>	<b>1,250</b>
ADAMS	1	526	2,013				250	1,250	250	1,250
BURGOS	6	14	53						-	-
CARASI	3	20	60						-	-
NUEVA ERA	3	394	1,262						-	-
PAGUDPUD	9	29	141						-	-
SOLSONA	4	419	1,653						-	-
<b>ILOCOS SUR</b>	<b>110</b>	<b>6,097</b>	<b>28,905</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>19</b>	<b>95</b>	<b>19</b>	<b>95</b>
BANAYOYO	9	30	133							
BURGOS	2	116	580	0	-	-			-	-
CAOAYAN	3	13	46						-	-
GALIMUYOD	1	5	25		-	-			-	-
LIDLIDDA	14	259	1,062						-	-
NAGBUKEL	12	540	1,914						-	-
NARVACAN	18	1,259	6,295						-	-
SALCEDO (BAUGEN)	3	7	35						-	-
SAN EMILIO	2	18	90				18	90	18	90
SAN ESTEBAN	1	3	15						-	-
SAN VICENTE	1	4	20						-	-
SANTA	2	6	27						-	-
SANTA CATALINA	9	1,700	8,199						-	-
SANTA CRUZ	2	51	180						-	-
SANTA MARIA	8	24	117						-	-
SANTIAGO	8	118	462						-	-
SIGAY	2	5	10						-	-
SUGPON	3	130	650				1	5	1	5
TAGUDIN	10	1,809	9,045						-	-
<b>LA UNION</b>	<b>356</b>	<b>25,182</b>	<b>99,874</b>	<b>2</b>	<b>9</b>	<b>33</b>	<b>10,156</b>	<b>43,014</b>	<b>10,165</b>	<b>43,047</b>
SAN FERNANDO	27	1,049	4,092	2	9	33	811	3,204	820	3,237
AGOO	47	1,745	6,980				125	465	125	465
ARINGAY	12	143	554				17	68	17	68
BACNOTAN	12	454	1,821				107	433	107	433
BAGULIN	10	302	1,208				265	1,060	265	1,060
BALAOAN	22	1,265	3,836				673	3,393	673	3,393
BANGAR	19	8,001	32,004						-	-
BAUANG	26	1,530	4,875				1,013	3,280	1,013	3,280
BURGOS	12	110	549				110	549	110	549
CABA	18	3,460	12,839				2,746	10,278	2,746	10,278
LUNA	30	1,313	4,829				1,263	4,623	1,263	4,623
NAGUILIAN	23	303	1,243						-	-
PUGO	13	354	1,479				349	1,458	349	1,458
ROSARIO	22	1,694	6,776				330	2,310	330	2,310
SAN GABRIEL	4	637	2,548				637	2,548	637	2,548
SAN JUAN	17	362	1,469				17	68	17	68
SANTO TOMAS	19	1,742	9,476				1,691	9,269	1,691	9,269
SUDIPEN	5	26	104				2	8	2	8
TUBAO	18	692	3,192						-	-
<b>PANGASINAN</b>	<b>886</b>	<b>231,624</b>	<b>992,365</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>49,475</b>	<b>229,500</b>	<b>49,475</b>	<b>229,500</b>
ALAMINOS	39	10,247	51,235				7,000	35,000	7,000	35,000
DAGUPAN CITY	31	35,133	100,698				1,051	5,255	1,051	5,255
SAN CARLOS CITY	86	16,772	81,408				706	3,438	706	3,438
URDANETA CITY	22	1,698	9,373				788	4,351	788	4,351
AGNO	17	5,502	27,508				1,263	5,052	1,263	5,052
AGUILAR	5	1,378	6,890				1,184	5,920	1,184	5,920
ALCALA	11	2,385	5,804				1,500	3,649	1,500	3,649
ANDA	10	2,785	12,533						-	-
ASINGAN	16	3,850	16,010				3,850	16,010	3,850	16,010
BALUNGAO	18	270	1,350				270	1,350	270	1,350
BANI	27	10,550	52,750				2,000	10,000	2,000	10,000
BASISTA	10	1,050	5,006						-	-
BAYAMBANG	20	2,062	8,044						-	-
BINALONAN	22	3,980	19,900				71	325	71	325

Region/Province/ Mun/City	AFFECTED			No. of Evac Centers	Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED - CURRENT (Inside + Outside)	
	Brgys	Families	Persons		Families	Persons	Families	Persons	Families	Persons
BINMALEY	4	21	89						-	-
BOLINAO	30	7,926	34,011				3,889	16,918	3,889	16,918
BUGALLON	13	8,219	41,905				1,000	5,000	1,000	5,000
BURGOS	11	901	5,251						-	-
CALASIAO	24	22,807	64,134		-	-	1,500	7,500	1,500	7,500
DASOL	1	26	130						-	-
INFANTA	6	1,368	3,947				1,135	2,795	1,135	2,795
LAOAC	22	2,188	7,473				2,169	6,783	2,169	6,783
LINGAYEN	32	17,256	81,531				10	44	10	44
MABINI	16	6,908	26,971				1,840	9,200	1,840	9,200
MALASIQUI	13	1,225	6,806						-	-
MANAOAG	26	2,743	13,715						-	-
MANGALDAN	25	9,500	47,500						-	-
MANGATAREM	83	12,846	60,647		-	-	4,246	21,230	4,246	21,230
MAPANDAN	13	166	707						-	-
POZZORUBIO	12	239	943						-	-
ROSALES	13	2,586	12,930				600	3,000	600	3,000
SAN FABIAN	19	514	2,163		-	-	94	413	94	413
SAN JACINTO	19	1,675	8,375		-	-	1	5	1	5
SAN MANUEL	9	612	3,075				55	275	55	275
SAN NICOLAS	10	1,035	5,715						-	-
SAN QUINTIN	17	1,935	11,349				787	3,935	787	3,935
SANTA BARBARA	29	8,375	41,875		-	-	3,128	15,640	3,128	15,640
SANTA MARIA	1	59	264						-	-
SISON	27	1,591	6,726		-	-	38	139	38	139
SUAL	15	8,900	44,500		-	-	3,000	15,000	3,000	15,000
TAYUG	21	5,920	29,004				1,500	7,273	1,500	7,273
URBIZTONDO	21	5,037	25,185				4,800	24,000	4,800	24,000
VILLASIS	20	1,384	6,935		-	-			-	-
<b>REGION II (CAGAYAN VALLEY)</b>	<b>637</b>	<b>87,425</b>	<b>390,491</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>48,189</b>	<b>203,078</b>	<b>48,189</b>	<b>203,078</b>
<b>BATANES</b>	<b>9</b>	<b>700</b>	<b>3,034</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
ITBAYAT	5	326	1,630							
UYUGAN	4	374	1,404							
<b>CAGAYAN</b>	<b>253</b>	<b>31,308</b>	<b>151,879</b>				<b>12,026</b>	<b>58,733</b>	<b>12,026</b>	<b>58,733</b>
TUGUEGARAO	35	9,441	44,852				9,033	42,866	9,033	42,866
ABULUG	1	20	239						-	-
ALCALA	14	2,047	10,358		-	-	-	-	-	-
AMULUNG	24	2,478	12,261				-	-	-	-
APARRI	4	682	2,363		-	-	-	-	-	-
BAGGAO	9	341	2,046				341	2,046	341	2,046
BALLESTEROS	3	297	1,483				-	-	-	-
BUGUEY	11	853	4,265				853	4,265	853	4,265
CAMALANIUGAN	9	295	1,477		-	-	-	-	-	-
ENRILE	7	1,909	7,750				-	-	-	-
GATTARAN	8	190	748				190	748	190	748
GONZAGA	3	107	343		-	-	-	-	-	-
IGUIG	5	39	189				-	-	-	-
LAL-LO	15	1,584	8,733				1,584	8,733	1,584	8,733
LASAM	15	694	3,821				-	-	-	-
PAMPLONA	18	5,028	25,140						-	-
PENABLANCA	1	21	46		-	-			-	-
PIAT	18	1,005	5,025						-	-
RIZAL	22	435	1,711						-	-
SANCHEZ-MIRA	2	15	42		-	-			-	-
SANTA PRAXEDES	3	25	75				25	75	25	75
SANTA TERESITA	3	83	347		-	-	-	-	-	-
SANTO NIÑO (FAIRE)	1	21	105						-	-
SOLANA	5	2,109	10,545				-	-	-	-
TUAO	17	1,589	7,915						-	-
<b>ISABELA</b>	<b>202</b>	<b>38,114</b>	<b>151,798</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>36,163</b>	<b>144,345</b>	<b>36,163</b>	<b>144,345</b>
CAUAYAN	32	3,708	13,523				3,663	13,320	3,663	13,320
SANTIAGO	12	1,163	3,733				1,126	3,541	1,126	3,541
ALICIA	14	122	507						-	-
ANGADANAN	2	77	362						-	-
AURORA	1	1	3						-	-
BENITO SOLIVEN	2	217	648						-	-
CABAGAN	7	2,676	15,254				2,641	15,135	2,641	15,135
DELFIN ALBANO (MAGSAYSAY)	10	520	2,677				520	2,677	520	2,677
DINAPIGUE	4	245	732						-	-
DIVILACAN	4	66	191						-	-
ILAGAN	43	21,689	80,692				21,558	80,130	21,558	80,130
JONES	8	249	1,091						-	-
MACONACON	5	70	181						-	-
PALANAN	1	50	204						-	-
REINA MERCEDES	8	1,286	4,792				1,281	4,765	1,281	4,765
ROXAS	3	30	110						-	-
SAN GUILLERMO	8	62	377				62	377	62	377
SAN MARIANO	4	136	371						-	-

Region/Province/ Mun/City	AFFECTED			No. of Evac Centers	Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED - CURRENT (Inside + Outside)	
	Brgys	Families	Persons		Families	Persons	Families	Persons	Families	Persons
SAN PABLO	8	1,954	9,770				1,954	9,770	1,954	9,770
SANTA MARIA	7	1,259	5,789				825	3,845	825	3,845
SANTO TOMAS	14	1,735	7,289				1,735	7,289	1,735	7,289
TUMAUI	5	799	3,502				798	3,496	798	3,496
<b>NUEVA VIZCAYA</b>	<b>105</b>	<b>4,617</b>	<b>21,049</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
ALFONSO CASTANEDA	6	870	3,776				-	-	-	-
AMBAGUIO	5	42	191				-	-	-	-
ARITAO	1	25	93				-	-	-	-
BAGABAG	7	283	1,097				-	-	-	-
BAMBANG	15	1,081	5,407				-	-	-	-
BAYOMBONG	6	112	528				-	-	-	-
DIADI	4	31	92				-	-	-	-
DUPAX DEL NORTE	6	84	275				-	-	-	-
DUPAX DEL SUR	19	1,048	4,488				-	-	-	-
KASIBU	16	180	782				-	-	-	-
KAYAPA	3	20	108				-	-	-	-
QUEZON	1	16	67				-	-	-	-
SANTA FE	7	245	1,010				-	-	-	-
SOLANO	7	159	507				-	-	-	-
VILLAVERDE	2	421	2,628				-	-	-	-
<b>QUIRINO</b>	<b>68</b>	<b>12,686</b>	<b>62,731</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
AGLIPAY	15	667	2,977				-	-	-	-
CABARROGUIS	17	1,132	5,097				-	-	-	-
DIFFUN	3	13	59				-	-	-	-
MADDELA	7	4,927	25,107				-	-	-	-
NAGTIPUNAN	17	5,578	27,826				-	-	-	-
SAGUDAY	9	369	1,665				-	-	-	-
<b>REGION III (CENTRAL LUZON)</b>	<b>1,298</b>	<b>365,035</b>	<b>1,532,331</b>	<b>33</b>	<b>2,339</b>	<b>8,903</b>	<b>53,598</b>	<b>219,423</b>	<b>55,937</b>	<b>228,326</b>
<b>AURORA</b>	<b>130</b>	<b>23,571</b>	<b>109,669</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
BALER	20	4,049	16,912				-	-	-	-
CASIGURAN	24	5,040	25,200				-	-	-	-
DILASAG	13	1,401	6,519				-	-	-	-
DINALUNGAN	5	115	463				-	-	-	-
DINGALAN	9	4,658	23,400				-	-	-	-
DIPACULAO	40	950	3,753				-	-	-	-
MARIA AURORA	1	3,174	15,870				-	-	-	-
SAN LUIS	18	4,184	17,552				-	-	-	-
<b>BATAAN</b>	<b>27</b>	<b>3,810</b>	<b>15,949</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>2,805</b>	<b>11,665</b>	<b>2,805</b>	<b>11,665</b>
ABUCAY	1	5	25				4	20	4	20
HERMOSA	2	33	166				-	-	-	-
ORANI	1	41	222				-	-	-	-
ORION	23	3,731	15,536				2,801	11,645	2,801	11,645
<b>BULACAN</b>	<b>158</b>	<b>69,115</b>	<b>299,297</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
BALAGTAS (BIGAA)	1	20	89				-	-	-	-
BALIUAG	12	1,447	7,282				-	-	-	-
BULACAN	3	57	218				-	-	-	-
CALUMPIT	23	9,724	48,688				-	-	-	-
HAGONOY	26	30,886	110,758				-	-	-	-
MALOLOS CITY	3	19	102				-	-	-	-
MEYCAUAYAN	2	6	31				-	-	-	-
NORZAGARAY	13	250	1,260				-	-	-	-
OBANDO	2	92	435				-	-	-	-
PAOMBONG	9	3,832	13,399				-	-	-	-
PULILAN	11	5,033	26,050				-	-	-	-
SAN ILDEFONSO	11	1,024	5,120				-	-	-	-
SAN MIGUEL	34	16,349	83,985				-	-	-	-
SAN RAFAEL	5	256	1,280				-	-	-	-
SANTA MARIA	3	120	600				-	-	-	-
<b>NUEVA ECIJA</b>	<b>461</b>	<b>130,958</b>	<b>547,564</b>	<b>7</b>	<b>406</b>	<b>1,963</b>	<b>7,104</b>	<b>29,496</b>	<b>7,510</b>	<b>31,459</b>
ALIAGA	14	1,011	5,742				-	-	-	-
BONGABON	5	3,619	17,205				-	-	-	-
CABANATUAN	57	11,390	54,636	6	386	1,883	-	-	386	1,883
CABIAO	15	4,778	30,247				-	-	-	-
CARRANGLAN	2	904	4,028				-	-	-	-
CUYAPO	42	1,964	7,810				-	-	-	-
GABALDON (BITULOK & SABANI)	5	1,500	7,500				-	-	-	-
GAPAN	7	2,621	10,613				-	-	-	-
GENERAL MAMERTO NATIVIDAD	20	1,011	5,055				-	-	-	-
GENERAL TINIO (PAPAYA)	10	2,009	6,807				-	-	-	-
GUIMBA	33	10,459	40,184				-	-	-	-
JAEN	27	7,899	31,596	1	20	80	7,104	29,496	7,124	29,576
LAUR	8	1,500	7,500				-	-	-	-
LICAB	8	2,800	14,000				-	-	-	-
LLANERA	1	375	1,000				-	-	-	-
LUPAO	1	8	40				-	-	-	-
PALAYAN	19	3,489	12,304				-	-	-	-
PANTABANGAN	1	878	3,944				-	-	-	-
PENARANDA	9	143	566				-	-	-	-



Region/Province/ Mun/City	AFFECTED			No. of Evac Centers	Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED - CURRENT (Inside + Outside)	
	Brgys	Families	Persons		Families	Persons	Families	Persons	Families	Persons
QUEZON	15	2,479	12,717						-	-
RIZAL	26	1,935	5,805						-	-
SAN ANTONIO	15	8,979	45,124						-	-
SAN ISIDRO	9	10,252	45,938						-	-
SAN JOSE	1	507	2,373						-	-
SAN LEONARDO	15	21,470	66,125						-	-
SANTA ROSA	6	7,338	36,690						-	-
SANTO DOMINGO	1	2,200	8,800						-	-
SCIENCE CITY OF MUÑOZ	1	226	682						-	-
TALAVERA	54	3,531	15,809						-	-
TALUGTUG	15	407	2,035						-	-
ZARAGOZA	19	13,276	44,689						-	-
<b>PAMPANGA</b>	<b>122</b>	<b>45,946</b>	<b>203,629</b>	<b>4</b>	<b>64</b>	<b>287</b>	<b>23,168</b>	<b>97,320</b>	<b>23,232</b>	<b>97,607</b>
ANGELES	3	75	299		-	-	-	-	-	-
APALIT	12	9,082	36,332				8,955	35,976	8,955	35,976
ARAYAT	11	5,177	22,548		-	-			-	-
CANDABA	33	7,626	35,589	1	7	32	7,441	34,903	7,448	34,935
FLORIDABLANCA	5	46	219						-	-
MACABEBE	16	6,417	26,776						-	-
MASANTOL	13	4,089	17,676				672	2,055	672	2,055
SAN LUIS	16	6,758	37,388						-	-
SAN SIMON	11	6,604	26,416	3	57	255	6,100	24,386	6,157	24,641
SASMUAN (Sexmoan)	2	72	386						-	-
<b>TARLAC</b>	<b>330</b>	<b>57,551</b>	<b>211,252</b>	<b>22</b>	<b>1,869</b>	<b>6,653</b>	<b>20,521</b>	<b>80,942</b>	<b>22,390</b>	<b>87,595</b>
ANAPO	18	253	952				19	101	19	101
BAMBAN	6	458	2,375	3	76	390	58	307	134	697
CAMILING	61	16,040	39,710				4,360	10,769	4,360	10,769
CAPAS	14	3,408	17,232				1,158	6,247	1,158	6,247
CONCEPCION	11	3,292	19,349				2,007	12,904	2,007	12,904
GERONA	29	1,233	5,648	3	20	105	794	3,631	814	3,736
LA PAZ	20	10,185	38,633				49	213	49	213
MAYANTOC	23	1,307	6,222				1,062	5,056	1,062	5,056
MONCADA	20	3,141	10,294	7	289	980	1,291	6,142	1,580	7,122
PANIQUI	19	2,627	9,467	5	1,011	3,578	1,082	3,170	2,093	6,748
PURA	15	355	1,609				163	756	163	756
RAMOS	9	2,458	9,025						-	-
SAN CLEMENTE	13	1,341	4,604	2	22	88	133	565	155	653
SAN JOSE	3	565	2,823						-	-
SAN MANUEL	15	1,700	8,797				15	72	15	72
SANTA IGNACIA	10	771	3,035	1	450	1,505	5	12	455	1,517
TARLAC	19	4,889	22,898				4,798	22,425	4,798	22,425
VICTORIA	25	3,528	8,579	1	1	7	3,527	8,572	3,528	8,579
<b>ZAMBALES</b>	<b>70</b>	<b>34,084</b>	<b>144,971</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
BOTOLAN	8	40	153						-	-
CANDELARIA	16	6,169	30,874						-	-
IBA	1	15	48						-	-
MASINLOC	13	13,746	51,330						-	-
OLONGAPO CITY	5	21	92						-	-
PALAUIG	1	80	401		-	-			-	-
SAN ANTONIO	1	1	4						-	-
SANTA CRUZ	25	14,012	62,069						-	-
<b>REGION IV-A (CALABARZON)</b>	<b>82</b>	<b>8,476</b>	<b>41,860</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>25</b>	<b>5</b>	<b>25</b>
<b>CAVITE</b>	<b>3</b>	<b>60</b>	<b>222</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
IMUS	1	21	75						-	-
NOVELETA	1	32	121						-	-
TERNATE	1	7	26						-	-
<b>LAGUNA</b>	<b>3</b>	<b>13</b>	<b>47</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>25</b>	<b>5</b>	<b>25</b>
MABITAC	1	8	22						-	-
SANTA MARIA	2	5	25				5	25	5	25
<b>QUEZON</b>	<b>71</b>	<b>7,666</b>	<b>38,117</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
BURDEOS	1	4	20						-	-
CANDELARIA	1	1	3						-	-
GENERAL NAKAR	18	4,367	21,835						-	-
INFANTA	36	3,129	15,649						-	-
JOMALIG	1	7	34						-	-
PANUKULAN	1	9	30						-	-
PATNANUNGAN	1	10	42						-	-
PEREZ	7	117	380						-	-
PITOGO	1	4	22						-	-
POLILLO	3	13	77						-	-
UNISAN	1	5	25						-	-
<b>RIZAL</b>	<b>5</b>	<b>737</b>	<b>3,474</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
PILILLA	2	52	260						-	-
SAN MATEO	3	685	3,214						-	-
<b>REGION V (BICOL REGION)</b>	<b>6</b>	<b>57</b>	<b>227</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>CAMARINES NORTE</b>	<b>5</b>	<b>55</b>	<b>218</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Region/Province/ Mun/City	AFFECTED			No. of Evac Centers	Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED - CURRENT (Inside + Outside)	
	Brgys	Families	Persons		Families	Persons	Families	Persons	Families	Persons
DAET	1	1	6						-	
JOSE PANGANIBAN	3	47	191							
SAN LORENZO RUIZ	1	7	21							
<b>CATANDUANES</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
SAN ANDRES (CALOLBON)	1	2	9						-	-
<b>CAR</b>	<b>115</b>	<b>6,423</b>	<b>28,199</b>	<b>2</b>	<b>51</b>	<b>186</b>	<b>1,935</b>	<b>8,056</b>	<b>1,986</b>	<b>8,242</b>
<b>ABRA</b>	<b>6</b>	<b>1,757</b>	<b>7,666</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>822</b>	<b>3,078</b>	<b>822</b>	<b>3,078</b>
DOLORES	1	42	168				42	168	42	168
LA PAZ	1	631	2,338				631	2,338	631	2,338
LAGANGLANG	1	902	4,510				1	4	1	4
LICUAN-BAAY (LICUAN)	1	125	510				125	510	125	510
MALIBCONG	1	5	24				5	24	5	24
VILLAVICIOSA	1	52	116				18	34	18	34
<b>APAYAO</b>	<b>8</b>	<b>336</b>	<b>1,046</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>30</b>	<b>170</b>	<b>30</b>	<b>170</b>
CALANASAN (BAYAG)	1	8	40				8	40	8	40
CONNER	2	129	383				-	-	-	-
FLORA	1	15	68				-	-	-	-
KABUGAO	1	135	357				22	130	22	130
LUNA	1	3	20				-	-	-	-
PUDTOL	1	3	10				-	-	-	-
SANTA MARCELA	1	43	168				-	-	-	-
<b>BENGUET</b>	<b>82</b>	<b>1,914</b>	<b>8,018</b>	<b>2</b>	<b>51</b>	<b>186</b>	<b>492</b>	<b>2,002</b>	<b>543</b>	<b>2,188</b>
BAGUIO CITY	70	906	4,164				1	3	1	3
BAKUN	1	51	249				32	47	32	47
BUGUIAS	1	17	83				4	18	4	18
ITOGON	1	351	1,444	2	51	186	276	1,180	327	1,366
KAPANGAN	1	141	596				11	59	11	59
LA TRINIDAD	4	63	236				22	79	22	79
SABLAN	1	174	350				54	239	54	239
TUBA	2	124	546				38	138	38	138
TUBLAY	1	87	350				54	239	54	239
<b>IFUGAO</b>	<b>7</b>	<b>544</b>	<b>2,602</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>125</b>	<b>604</b>	<b>125</b>	<b>604</b>
AGUINALDO	1	13	75				3	14	3	14
ALFONSO LISTA (POTIA)	1	48	184				4	10	4	10
ASIPULO	1	11	56				11	56	11	56
BANAUE	1	69	347				69	347	69	347
HUNGDUAN	1	256	1,303				38	177	38	177
MAYOYAO	1	24	91				-	-	-	-
TINOC	1	123	546				-	-	-	-
<b>KALINGA</b>	<b>8</b>	<b>1,745</b>	<b>8,116</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>399</b>	<b>1,788</b>	<b>399</b>	<b>1,788</b>
BALBALAN	1	40	227				7	35	7	35
LUBUAGAN	1	402	1,880				-	-	-	-
PASIL	1	333	1,453				-	-	-	-
PINUKPUK	1	184	1,389				-	-	-	-
RIZAL (LIWAN)	1	393	1,760				392	1,753	392	1,753
TABUK	1	364	1,289				-	-	-	-
TANUDAN	1	13	32				-	-	-	-
TINGLAYAN	1	16	86				-	-	-	-
<b>MOUNTAIN PROVINCE</b>	<b>4</b>	<b>127</b>	<b>751</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>67</b>	<b>414</b>	<b>67</b>	<b>414</b>
BAUKO	1	1	5				1	5	1	5
NATONIN	1	60	337				-	-	-	-
SABANGAN	1	60	370				60	370	60	370
SADANGA	1	6	39				6	39	6	39

Source: DSWD-DROMIC Report No. 36 as of October 30, 2015 6:00 PM

AFFECTED AREAS	
REGIONS	7
PROVINCES	28
CITIES	23
MUNICIPALITIES	294
BARANGAYS	3,523



**Preparedness Measures and Effects of TY "LANDO"  
Pre-emptive Evacuees  
As of 03 November 2015, 6:00 AM**

REGION / PROVINCE / CITY / MUNICIPALITY	No. of ECs	NUMBER OF EVACUATED		Remarks
		Family	Person	
<b>TOTAL</b>	<b>106</b>	<b>5,426</b>	<b>23,993</b>	
<b>REGION I</b>	<b>17</b>	<b>3,662</b>	<b>17,425</b>	
<b>Ilocos Sur</b>	<b>2</b>	<b>126</b>	<b>518</b>	
<i>Burgos</i>	1	70	241	
<i>Lidlidda</i>	1	50	250	
<i>Santa</i>		6	27	Conduct pre-emptive in anticipation for possible flood
<b>La Union</b>	<b>15</b>	<b>2,587</b>	<b>12,304</b>	
<i>Naguillan</i>		3	-	Evacuated to their relatives
<i>San Fernando City</i>		657	2,623	All evacuees have returned to their houses already
<i>Buang</i>		8	24	
<i>Sto. Tomas</i>		1,771	9,064	Evacuated to their relatives, neighbors, multi-purpose halls and schools
<i>Agoo</i>	12	119	486	Evacuated to barangay halls, multi-purpose halls and schools
<i>Rosario</i>	3	29	107	Evacuated to barangay halls
<b>Pangasinan</b>	<b>0</b>	<b>949</b>	<b>4,603</b>	
<i>Bolinao</i>		218	992	Conducted pre-emptive evacuation due to strong winds, storm surge and high tide
<i>Dagupan City</i>		273	1,086	Conducted pre-emptive evacuation in coastal barangays
<i>Lingayen</i>		180	745	
<i>Sual</i>		13	65	Conducted pre-emptive evacuation in coastal areas
<i>Binmaley</i>		11	55	Conducted pre-emptive evacuation due to strong winds, storm surge and high tide
<i>Bugallon</i>		2	14	
<i>Anda</i>		22	83	Conducted pre-emptive evacuation due to strong winds, storm surge and high tide
<i>Laoc</i>		7	-	Evacuated due to strong winds
<i>Sison</i>		1	3	
<i>Umingan</i>		1	4	
<i>Sta. Barbara</i>		23	115	Evacuated due to strong winds
<i>Calasiao</i>		1	11	Evacuated due to strong winds

REGION / PROVINCE / CITY / MUNICIPALITY	No. of ECs	NUMBER OF EVACUATED		Remarks
		Family	Person	
<i>Urdaneta City</i>		8	-	
<i>Alaminos City</i>		27	101	
<i>Manaoag</i>		19	61	
<i>Basista</i>		8	14	Evacuated due to strong winds
<i>San Carlos City</i>		26	125	
<i>Dasol</i>		26	130	Forced evacuation due to storm surge
<i>Bayambang</i>		20	80	
<i>Infanta</i>		-	696	
<i>San Fabian</i>		54	203	Conducted pre-emptive evacuation due to strong winds, storm surge and high tide
<i>Mangatarem</i>		8	18	
<i>Aguilar</i>		1	2	
<b>REGION II</b>	<b>36</b>	<b>864</b>	<b>2,929</b>	
<b>Isabela</b>	<b>30</b>	<b>675</b>	<b>2,353</b>	
<i>Benito Soliven</i>	4	217	648	
<i>Dinapigue</i>	9	183	526	
<i>Maconacon</i>	4	56	149	
<i>Palanan</i>	1	50	204	
<i>San Mariano</i>	2	26	133	
<i>Santiago</i>	1	1	7	
<i>Roxas</i>	2	27	98	
<i>Divilacan</i>	5	28	112	
<i>Jones</i>	1	80	450	
<i>Ilagan</i>	1	7	26	
<b>Quirino</b>	<b>4</b>	<b>70</b>	<b>223</b>	
<i>Maddela</i>	2	44	107	
<i>Saguday</i>	1	1	3	
<i>Cabarroguis</i>	1	25	113	
<b>Cagayan</b>	<b>2</b>	<b>119</b>	<b>353</b>	
<i>Gonzaga</i>	1	89	283	
<i>Aparri</i>	1	30	70	
<b>REGION III</b>	<b>32</b>	<b>577</b>	<b>2,429</b>	
<b>Aurora</b>	<b>14</b>	<b>225</b>	<b>956</b>	
<i>Dipaculao</i>	5	26	95	
<i>Baler</i>	2	93	516	
<i>Casiguran</i>		9	45	
<i>Dilasag</i>	4	19	104	
<i>San Luis</i>	3	78	196	
<b>Nueva Ecija</b>	<b>17</b>	<b>293</b>	<b>1,291</b>	
<i>Zaragoza</i>	2	20	82	
<i>Llanera</i>	1	2	13	
<i>Bongabon</i>	1	137	685	
<i>Gabaldon</i>	1	18	68	
<i>Palayan</i>	3	40	119	
<i>Laur</i>	7	61	254	
<i>Cabanatuan</i>	1	2	8	
<i>Gen. Natividad</i>	1	13	62	
<b>Bulacan</b>	<b>1</b>	<b>59</b>	<b>182</b>	
<i>Obando</i>	1	59	182	
<b>REGION IV-A</b>	<b>19</b>	<b>191</b>	<b>680</b>	



REGION / PROVINCE / CITY / MUNICIPALITY	No. of ECs	NUMBER OF EVACUATED		Remarks
		Family	Person	
<b>Quezon</b>	<b>18</b>	<b>184</b>	<b>654</b>	
<i>Punukulan</i>	1	9	30	
<i>Patnanungan</i>	1	10	42	
<i>Jomalig</i>	1	22	68	
<i>Polillo</i>	1	5	25	
<i>Infanta</i>	5	61	216	
<i>Perez</i>	8	73	251	
<i>Pitogo</i>	1	4	22	
<b>Cavite</b>	<b>1</b>	<b>7</b>	<b>26</b>	
<i>Ternate</i>	1	7	26	
<b>CAR</b>	<b>2</b>	<b>132</b>	<b>530</b>	
<b>Abra</b>	<b>1</b>	<b>43</b>	<b>90</b>	
<i>Villaviciosa</i>	1	43	90	
<b>Kalinga</b>	<b>1</b>	<b>89</b>	<b>440</b>	
<i>Tabuk City</i>	1	89	440	

**Preparedness Measures and Effects of TY LANDO  
INCIDENTS MONITORED**

03 November 2015, 6:00 AM

REGION / PROVINCE		DATE	DESCRIPTION	REMARKS
<b>GRAND TOTAL</b>			<b><u>957</u></b>	
<b>FLOODING</b>	<b>938</b>			
<b>Region I</b>	<b>194</b>			
<b>Pangasinan</b>	<b>193</b>			
Dagupan City	1	19 October 2015	Sitio Kamangaan, Brgy. Mayombo, Dagupan City.	Subsided as of 24 October 2015
	1	19 October 2015	Sitio Tambac Melag, Brgy. Tambac, Dagupan City.	Continuously subsiding
	1	29 October 2015	Sitio Nable, Brgy. Pantal, Dagupan City.	1-3 ft Subsided
	1	19 October 2015	Sitio Poblacion Oeste, Brgy. AB Fernandez, Dagupan City.	6 inches
	1	19 October 2015	Alitaya and Cavite, Brgy. Herrero Perez, Dagupan City.	Subsided as of 24 October 2015
	1	29 October 2015	Malued, Sitio Fisheries, Dagupan City.	1-3 ft Continuously subsiding
	1	29 October 2015	Elementary School, Barangay Lasip Grande	2-3 ft Subsided
	1	21 October 2015	Patalan, Barangay Lasip Chico	Subsided as of 24 October 2015
	1	29 October 2015	Marinas and Patalan, Barangay Bacayao Sur	3 ft Subsided
	1	21 October 2015	Baybay, Barangay Bacayao Norte	Subsided as of 24 October 2015
	1	29 October 2015	Purok III, Barangay Lucao	Knee deep Subsided
	1	29 October 2015	Elementary School, Barangay Pogo Grande	1 ft Subsided
Bautista	8	29 October 2015	Barangays Diaz, Vacante, Cabuan, Primicias, Poponto, Palisoc, Pogo, Poblacion East	1-3 ft Subsided
Bugallon	3	19 October 2015	Barangays Umanday, Salasa, Sitio Casili	Subsided as of 24 October 2015
Aguilar	9	19 October 2015	Barangays San Jose, Calsib, Bocboc, Tampac, Bocalew, Sitio Calomboyan, Panacol, Buer, Bayaoas, Sitio Pao, Bocboc West	Subsided as of 24 October 2015
Labrador	6	18 October 2015	Barangays Bungalon, Bolo, Dulig, Magsaysay, San Gonzalo, Uyong	Subsided as of 21 October 2015
Mangatarem	15	19 October 2015	Barangays Dorongan Valerio, Dorongan Sawat, Dorongan Ketaket, Salavante, Caturay Sur, Caturay Norte, Vidania, Waya, Cabayaosan, Pampano, Bogtong Niog, Bogtong Centro, Bogtong Bolo, Talogtog, Calomboyan Norte	Subsided
Bani	1	20 October 2015	Garrita	Subsided as of 24 October 2015
San Fabian	3	20 October 2015	Lekep Butao, Longos Centralm Longos Parac	Subsided as of 24 October 2015
Tayug	1	20 October 2015	Carriedo	Subsided
Burgos	4	20 October 2015	Tamabacan, San Vicente, Anapao, Cacayasen	Subsided as of 21 October 2015



REGION / PROVINCE		DATE	DESCRIPTION	REMARKS
Calasiao	11	29 October 2015	Buenlag (Sitio Binco and Carusucan), Gabon (Sitio Pandayan), Talibaew (Sitio Binco), Lasip, San Vicente, Banaoang, Longos (Sitio Asintak and Sitio Cabaruan), Poblacion East, Nalsian, Lumbang, and Mancup	Buenlag subsided as of 24 October 2015 Subsided
Infanta	9	29 October 2015	Maya, Batang, Sitio Vallarta Poblacion, Sitio Dusoc Nayong, Bayambang Resettlement, Sitio Labtang Nangalisan, Potol, Doliman, Cato	2 - 12 ft Subsided
Bolinao	2	20 October 2015	Samang Norte and Ilog Malino	Subsided as of 24 October 2015
Urbiztondo	10	20 October 2015	Angatel, Bayaoas, Baug, Gueteb, Malibong, Salavante, Sawat, Part of Poblacion, Part of Galarin, Camanbungan	Subsided as of 24 October 2015
Rosales	2	29 October 2015	Gulling, Rabago	Knee deep Subsided
Sta. Barbara	17	29 October 2015	Sonquil (Sitio Riverside, Sitio Baybay, Sitio Salomague), Dalongue, Nilombot (Sitio Kaging, Sitio Pao), Malanay, Tuliao (Sitio Calay), Alibago, Leet, Primicias, Minien West, Matic Matic, Nilombot-Banzal Boundary, Minien East (Kamangaan), Tebag East (Sitio San Nicolas), Tebag West (Sitio Baybay), Maronong (Sitio Bengal), Payas, Matic Matic – Banaoang National Highway	2 inches - 3 ft. Flooding in Barangays Nilombot, Matic Matic, Nilombot-Banzal Boundary, Maronong, and Matic-Matic Banaoang National Highway, Payas, Tebag West, Tebag East, Minien West, Minien East, Primicias, Leet, Tuliao, Malanay have subsided. Subsided
Bayambang	13	20 October 2015	Hermoza, San Gabriel I, San Gabriel II, Paragos, Longos, Manambong Norte, Manambong Parte, Manambong Sur, Mangayao, Tamaro, Inirangan, Apalen, Carungay	Subsided as of 24 October 2015
Mangaldan	2	20 October 2015	Inlambo and Macayug	Subsided as of 24 October 2015
Mabini	11	20 October 2015	Barangays Calsada, Cabinuanga, Magalong, Caranglaan, Poblacion, Nibaliw, Cabianga, Magalong, De Guzman, Bacnit, Patar	Subsided as of 21 October 2015
Agno	1	19 October 2015	Barangay Paterno St., Poblacion	Subsided as of 21 October 2015
San Nicolas	1	20 October 2015	San Jose	Subsided as of 24 October 2015
Basista	2	29 October 2015	Brgys. Obong, Palma (Cabeldetan don Victor road)	2 ft - waist level. Road not passable Subsided
San Carlos City	11	20 October 2015	Barangays Bocboc, Antipangol, Bani, Boagaon, Salinap, Mabalbalino, Supo, Guelew, Aponit, Tamayo, and Libas	Subsided as of 24 October 2015
Manaoag	2	20 October 2015	Barangays Leleman and Inamotan	Subsided
Urdaneta City	19	20 October 2015	Barangays Nancayasan, Sto. Domingo, Tulong, Catablan, San Jose, Pinmalupod, Cayambanan, Camantiles, San Vicente, Anonas, Nancalobasaan, Bactad East, Pedro Orata, Dilan Paurido, Camanang, Palina West, Palina East, Poblacion, and Nancamaliran West	Subsided
Laoac	1	20 October 2015	Dstio Lico, Yatyat	Subsided as of 24 October 2015
Alcala	11	20 October 2015	Barangays Anulid, Bersamin, Canarvacan, Laoac, Vacaya, Pindangan West, Poblacion East, Poblacion West, San Juan, San Pedro, and Apartado	Subsided
San Jacinto	5	20 October 2015	Barangays Magsaysay, Pagasa, San Vicente, Guibel, Sto. Tomas	Subsided as of 24 October 2015
Binalonan	1	20 October 2015	Barangay Balangobong	Subsided as of 24 October 2015
<b>Ilocos Norte</b>	<b>1</b>			
Solsona	1	20 October 2015	Brgy. Butao	2 feet

REGION / PROVINCE		DATE	DESCRIPTION	REMARKS
<b>Region II</b>	<b>360</b>			
<b>Isabela</b>	<b>151</b>			
Benito Soliven	1	18 October 2015	Brgys. Yeban Sur, Benito Soliven	
	1	18 October 2015	Brgys. Sitio Fugu Malono, Benito Soliven	
San Agustin	5	19 October 2015	Brgys. Salay, Sinaoangan Norte, Sinaoangan Sur, Caloagan, Bautista	Subsided on 21 October 2015
Reina Mercedes	1	19 October 2015	Brgy. District 1	Subsided on 20 October 2015
Sta. Maria	5	19 October 2015	Brgys. San Rafael West, San Rafael East, Quinagabian, Mozzozzing Norte, Mozzozzing Sur	Subsided on 22 October 2015
Roxas	5	19 October 2015	Brgys. Luna, San Antonio, Nuesa, San Rafael, Sitio Puraguet	Subsided on 21 October 2015
Jones	23	19 October 2015	Brgys. I, II, Digamay, Sta Isabel, Napailong, Minuri, Linomot, Bannawag, Diarao, Abulan Addalam, Payac, San Jose, Palagao, Pungpungan, Duwawing, Arubub, Daligan, Usol, Dibuluan, Papan Este, Papan Weste, Sto. Domingo	Subsided
Santiago City	11	19 October 2015	Brgys. Dubinal East, Dubinal West, Malvar, Nagassican, Nabbuan, Batal, Batal Subd., Divisoria, Mabini, Calao East, Calao West	Subsided on 20 October 2015
Alicia	3		Brgys. Apanay, San antonio, Sta Cruz	Subsided on 20 October 2015
Cauayan City	18	19 October 2015	Brgys. San Fermin, District 1, Cabaruan, Amobacan, Gagabutan, Villa Luna, Nacampegan, Gappal, Duminit, Guayabal, Mabantad, Nagcampegan, Catalina, Andarayan, Carabatan Chica, Carabatan Grande, East Tabaca	Subsided on 21 October 2015
Naguilian	3	19 October 2015	Brgys. San Manuel, Quirino, Minanga, Naguilian	Subsided on 22 October 2015
Ilagan City	28	19 October 2015	Brgys. Aggasian, Alibagu, Alinuigan 1st, Alinuigan 2nd, Alinuigan 3rd, Baculud, Bagumbayan, Bangag, Binatacan, Cabisera 14, Cabisera 15, Cabisera 16, Cabisera 19, Cabisera 22, Cabisera 3, Cabisera 4, Cabisera 8, Camuntana, Calamagui 1st, Capo, Fugu, Guinatan, Marana 2nd, Marana 3rd, Osmeña, San Vicente, Sipay, Sta. Barbara, Sto. Tomas	Subsided on 21 October 2015
Tumauni	7	19 October 2015	Brgys. Moldero, Tunggui, Fugu, Abajo, Fugu Sur, Sisim Abajo, Lower Minanga	Subsided on 22 October 2015
Delfin Albano	9	19 October 2015	Brgys. Visitacion, San Roque, Quibal, Calinawan Sur, Ragan Norte, San Andres, San Patricio, Ragan Alamasen, Rizal	Subsided on 21 October 2015
Sto Tomas	8	19 October 2015	Brgys. Canogan Norte, Baleleng, Bagabag, Colunjan, Calanigan Norte, Calinaoan Malasin, Calanaoan Norte, Canogan Sur	Subsided on 22 October 2015
Cabagan	13	19 October 2015	Brgys. San Bernardo, San Juan, Aggub, Sauí, Tallag, Pilig Alto, Pilig, Abajo, Portions of Casibarang Norte, Ugad, Catabayungan, Balasig, Magassi, Cansan	Subsided on 22 October 2015
San Pablo	7	19 October 2015	Brgys. Auitan, Guminga, Calucud, Katentengan, Minga Sur, Minga Norte, Simanu Sur	Subsided on 22 October 2015
Quirino	3	19 October 2015	Brgys. Vintar, San Vicente, Cabaruan	Subsided on 20 October 2015
<b>Cagayan</b>	<b>186</b>			
Tuguegarao City	17	23 October 2015	Brgys. Atulayan Sur and Norte, Anafunan East and West, Centro 1, 4, 5, 9, 10, Gosi, Libag, Pallua Norte, Namabbalan, Dadda, Penge Ruyug, Bagay, Balzair	Evacuation and rescue operations were conducted to the isolated residents
Enrile	1	19 October 2015	Brgy. Centro	Subsided on 21 October 2015
Solana	4	19 October 2015	Barangays Basi East, Bauan East, Dassun, Malalam-Malacabibi	Subsided on 21 October 2015
Iguig	2	19 October 2015	Barangays Malabbac, Redondo	Subsided on 19 October 2015
Amulung	9	19 October 2015	Barangays Abolo, Unag, Annabuculan, Bauan, Baccuit, Dafunganay, Palacu, Goran, Agguirit	Subsided on 21 October 2015
Alcala	13	19 October 2015	Barangays Afusing Daga, Damurog, Pagbangkeruan, Jurisdicion, Pared, Pinopoc, Baybayog, Baculud, Tamban, Malalatan, Centro Sur, Abbeg, Afusing Batu	Subsided on 20 October 2015
Gattaran	12	19 October 2015	Barangays San Vicente, Lapogan, Sta. Maria, Dummum, Centro Sur, Fugu, Centro Norte, Adviento, Casicallan Sur, Casicallan Norte, Takiki, Cullit	



REGION / PROVINCE		DATE	DESCRIPTION	REMARKS
Lallo	19	19 October 2015	Barangays Abagao, Alaguia, Bagumbayan, Bangag, Catugan, Centro, Cullit, Fusina Jurisdiction, Lalafugan, Logac, Malanao, Maxingal, Nanguilian, Rosario, San Jose, San Juan, San Antonio, Tocalana	
Lasam	14	19 October 2015	Barangays Centro 2, Centro 3, Minanga Sur, Minanga Norte, New Orlins, Cabatacar East, Cabatacan West, San Pedro, Tucalan Passing, Malinta, Gabun, Nicolas Agatep, Alannay, Viga	Subsided on 21 October 2015
Camalaniugan	9	19 October 2015	Barangays Alilinu, Bulala, Catortoran Norte, Catortoran Sur, Centro Norte, Centro Sur Dacal-Lafagu, Dugo, Jurisdicion	Subsided on 22 October 2015
Aparri	20	19 October 2015	Barangays Centro 1, Centro 2, Centro 9, Bisagu, Bulala Norte, Bulala Sur, Dodan, Gaddang, Linao, Macanaya, Maura, Minanga, Navagan, Paddaya, Punta, San Antonio Sanja, Tallungan, Toran	Subsided on 20 October 2015
Sta Teresita	12	19 October 2015	Barangays Alucaao, Buyun, Caniugan, Dungeg, Luga, Masi, Mission, Simbaluca, Centro West, Centro East, Aridowen, Simpatuyo	Subsided on 20 October 2015
Abulug	2	19 October 2015	Barangays Canayun, Sta. Rosa	Subsided on 20 October 2015
Allacapan	16	19 October 2015	Barangays Dagupan, Burot, Pacac, Bulo, Matucay, Cataratan, Silagan, Daanli, Kapanikian Norte, Kapanikian Sur, Mapunao, Utan, Nagattatan, Maluyo, Bessang Tamboli	
Buguey	13	19 October 2015	Barangays Dalaya, Quinawegan, Balza, Remebella, Ballang, Calamegatan, San Isidro Paddaya Weste, Tabbac, Sta. Isabela, Villa Gracia, San Vicente	Subsided on 20 October 2015
Peñablanca	10	19 October 2015	Barangays Patageleg, Agugaddan, Malibabag, Alimanao, San Roque, Nanaraian, Callao Nababbalayan, Baraba, Dodan	Subsided on 21 October 2015
Piat	13	19 October 2015	Baragays Aquib, Dugayong, Villa Reyno, Apayao, Baung, Calaoagan, Gumarueng Macapil, Maguiling, Minanga, Poblacion 1 Sta. Barbara, Sto. Domingo, Sicatna	Subsided on 20 October 2015
<b>NUEVA VIZCAYA</b>	<b>23</b>			
Bambang	4	18 October 2015	Low lying barangays ( San Antonio South, Sto Domingo Proper, Macate and Almaguer South)	Subsided on 21 October 2015
Bagabag	8	19 October 2015	Flooded incident was reported in some areas of Bagabag (Portions of Pogonsino, Tuao South & North, Baretbet, Villa Coloma, San Pedro, Bakir, Nangalisan)	Subsided on 20 October 2015
Sta. Fe	9	19 October 2015	Brgy. Villa flores, Baracbac, Bailling, Siapasan, Balete, Imugan, Unib, Canabuan and Bantinan were flooded due to swelling of river	Subsided on 20 October 2015
Villa Verde	2	19 October 2015	Some areas of Villa Verde, Nueva Vizcaya specifically at Brgy. Bintawan Norte (purok 1 & 2) and Bintawan Sur (Purok Namnama & Saranay Balacuit) were flooded	Subsided on 10PM, 20 October 2015
<b>Region III</b>	<b>376</b>			
<b>Nueva Ecija</b>	<b>157</b>			
Palayan City	6	23 October 2015	Brgys. Sapang Buho, Singalat, Popolon, and Bangkerohan, Manacnac, Atate	Subsided as of 10PM, 22 October 2015
Aliaga	1	23 October 2015	Brgy. Bibiclat	Subsided as of 10PM, 22 October 2015
Guimba	2		Brgys. Manacsac and Bulakid	1-2 ft Subsided as of 4PM 25 October 2015
Zaragoza	7	29 October 2015	Brgys. Valeriana, Mayamot	1 - 4 ft Batitang, Sta. Lucia, Manual and Carmen subsided as of 10PM, 22 October 2015 Flooding in Macarse have subsided as of 6pm, 26 October 2015 Subsided as of 6PM 27 October 2015
Talavera	9	23 October 2015	Brgys. Bagong Silang, Bulac, Poblacion Sur, Caputican, Minabuyok, San Pascual, Calipahan, Matias, Pinagganaan	Subsided as of 10PM, 22 October 2015
Licab	7	23 October 2015	Brgys. Pob. Sur, Pob. Norte, Aquino, Villarosa, Tabing Ilog, San Juan, San Cristoba	Subsided as of 10PM, 22 October 2015
Rizal	3	23 October 2015	Brgys. San Esteban, Macapsing, Del Pilar	Subsided as of 10PM, 22 October 2015

REGION / PROVINCE		DATE	DESCRIPTION	REMARKS
Bongabon	12	23 October 2015	Brgys. Calaanan, Macabaclay, Digmala, Magtanggol, Larcon, Sampalucan, Palo Maria Pesa, Labi, Santor, Lusok, Kaingin	Subsided as of 10PM, 22 October 2015
Laur	2	23 October 2015	Brgys. Betania, San Antonio	Subsided as of 10PM, 22 October 2015
San Antonio	11	29 October 2015	Brgys. Tikiw, San Mariano, Papaya, Luyos, Sta. Cruz, Sto. Cristo, San Francisco, *Cama Juan, *Panabingan, *San Jose, *Sta. Barbara	Flooding in Barangays San Jose and Panabingan subsided on 24 October 2015 however, 1-2 feet of flooding was reported again in other barangays Subsided as of 5PM, 27 October 2015
Cabiao	10	29 October 2015	Brgys. Sta. Isabel, Bagong Sikat, Concepcion, San Vicente, San Carlos, San Antonio, Polilio, Bagong Silang, Entablado, San Fernando Sur	1 ft Subsided as of 10PM, 22 October 2015 except Sta. Isabel Subsided as of 6PM, 26 October 2015
San Isidro	5	23 October 2015	Brgys. Pulo, Mangga, Calaba, Poblacion, Malapit	Subsided as of 10PM, 22 October 2015
Gapan	4	23 October 2015	Brgys. Marelo, San Roque, Parcutela, Mangind	Subsided as of 10PM, 22 October 2015
Cabanatuan City	35	23 October 2015	Aduas Centro, Aduas Norte, Aduas Sur, Bagong Sikat, Bakod Bayan, Barrera, Bitas, Bonifacio, Daang Sarile, DS Garcia, Calawagan, Caudillo, Cruz Roja, H. Concepcion, Kapitan Pepe, Imelda, Isla, Mabini Homesite, Matadero, Mayapyap Sur, Nabao, Obrero Pagas, Rizdelis, Samon, San Josef Norte, San Josef Sur, San Juan ACCFA, Sumacab Este, Sumacab South, Sangitan West, Talipapa, Valdefuente, Bakod Bayan, Sumacab	Subsided as of 10PM, 22 October 2015
Carrangalan	2	26 October 2015	Brgys. Burgos and San Agustin	2 ft Subsided as of 4PM 25 October 2015
Gabaldon	7	23 October 2015	Bagong Sikat, Camachile, Bugnan, Calabasa, Bagting (Bateria), Ligaya, Tagumpay	Subsided as of 10PM, 22 October 2015
San Leonardo	9	23 October 2015	San Roque, Nieves, Castellano, Diversion, Mallorca, Magpapalayok, San Anton, Tagumpay, Tabuating	Subsided as of 10PM, 22 October 2015
Sta. Rosa	6	23 October 2015	Zamora, La Fuente, Cojuangco, Valenzuela, Rajal Norte, San Pedro	Subsided as of 10PM, 22 October 2015
Jaen	19	29 October 2015	Sapang, Sto. Tomas South, Niyugan, Antonino, Esquivel, Dampulan, Ocampo-Rivera, Sta. Rita, San Josef(Navao), Hilera, San Roque, San Pablo, Pinangga, San Jose, Magsalisi, Putlod, Langla, Pamacpacan, San Vicente	1-2 ft Subsided as of 10PM, 22 October 2015 except for San Jose, Sto. Tomas and Pamacpacan Flooding in Barangays Sto. Tomas and Pamacpacan subsided on 24 October 2015 Subsided as of 6PM, 26 October 2015
<b>Tarlac</b>	<b>21</b>			
San Miguel	1	29 October 2015	Sitio Yabutan, Brgy. San Miguel, Tarlac	Subsided
La Paz	5	29 October 2015	Barangays Caramutan, Balanoy, Lauangcupang, Lara, Sierra	Subsided
Concepcion	15	29 October 2015	Barangays Sta. Maria, Culatingan, Café, Sta. Rita, Pitabunan, Santiago, Alfonso, Malupa Caluluan, San Nicolas Pob., San Francisco, Sta Monica, Minane, Dutung a Matas, Greer Village	Subsided
<b>Bulacan</b>	<b>80</b>			
Obando	2	18 October 2015	Brgys. Salambas and Taliwas	Subsided as of of 12NN, 19 October 2014
Bocaue	2	19 October 2015	Brgys. Lolomboy and Wakas	Subsided as of of 12NN, 19 October 2015
Calumpit	24		Brgys. Sapang Bayan, Gatbuca, Frances, Meysulao, San Miguel, Bulusan, Sta. Lucia Calizon, Balungao, Sucol, Balite, Caniogon, Gugo, Meyto, Palimbang, Panducot, Poblacion, San Jose, Sto. Niño, Corazon, Iba O'Este (Northville 9)	1-6 ft Brgys. Iba Este and San Marcos flood subsided as of 10:00 PM, 22 October 2015 Flooding in Barangays Pungo Riverside subsided on 24 October 2015

REGION / PROVINCE		DATE	DESCRIPTION	REMARKS
San Ildefonso	1	29 October 2015	Barangay Garland	3 ft Subsided
San Miguel	16	23 October 2015	Maligaya, Barias, Pulong Duhat, King Kabayo, Baritan, Pinambaran, Buga, Salacot, Ilog Bulo, Batasan Bata, Batasan Matanda, San Agustin, San Vicente, Poblacion, Tigpalas	Flood subsided as of 6PM, 20 October 2015 except for Mandile Mandile flood subsided on 6AM, 23 October 2015
Pulilan	12	22 October 2015	Brgys. Inaon, Tabon, Dampol 1st, Dampol 2nd A, Dampol 2nd B, Lumbac, Dulong Malabon, Peñabatan, Paltao, Poblacion, Taal, Tibag	2-3 ft
Hagonoy	13	29 October 2015	Brgy. Tampok	0.5 ft Palapat and Iba-ibayo floods subsided as of 6AM, 23 October 2015 San Pedro flood subsided as of 5PM, 23 October 2015 Sta. Monica and Abulalas subsided as of 25 October 2015 San Isidro, San Juan, Iba, San Miguel, Carillo, San Agustin and Sto. Niño floods subsided as of 27 October 2015
Bustos	2	23 October 2015	Brgys. Talampas and Catacte	Subsided as of 6AM, 23 October 2015
Paombong	8	29 October 2015	Brgys. Pinaglagdan, San Isidro, Kapitangan, Sto. Rosario, San Jose, San Roque	1-4 ft Flooding in Barangay Sto. Niño subsided on 24 October 2015 San Isidro II flood subsided as of 6PM 27 October 2015
<b>Pampanga</b>	<b>114</b>			
Macabebe	16	18 October 2015	Brgys. Saplad David, Candelaria	1-2 ft Flooding in Barangays San Gabriel, Castuli, Caduang Tete, San Francisco, San Jose, San Isidro, San Vicente, Sto. Niño, Sta. Cruz, Tacasan, Batasan, Sta. Rita, San Isidro, and Mataguiti have subsided on 24 October 2015
San Fernando	1	29 October 2015	St. Jude Phase 3, San Agustin	2 ft Subsided as of 9AM, 22 October 2015
	1	29 October 2015	Front of Garbez-Dizon	1.5 ft Subsided as of 8AM, 19 October 2015
Minalin	1	29 October 2015	Sta. Maria	1 ft Subsided as of 8AM, 19 October 2015
	1	29 October 2015	Lourdes	1 ft Subsided as of 8AM, 19 October 2015
Guagua	1		San Juan	Subsided as of 6AM, 20 October 2015
Arayat	16	29 October 2015	Brgys. Candating, Cupang, Sto. Niño Tabuan, Mapalad, Poblacion, Matamo Guemasan, San Agustin Norte, San Agustin Sur	2-5 ft Cacutud and Paralaya (subsided as of 6AM, 20 October 2015), San Jose Mesulo (subsided as of 10PM, 22 October 2015) San Mateo, Batasan, Camba, Plazang Luma floods subsided as of 10AM, 23 October 2015 Flooding in Barangay Paralaya subsided on 24 October 2015 Subsided as of 10PM, 22 October 2015.



REGION / PROVINCE		DATE	DESCRIPTION	REMARKS
San Luis	12	29 October 2015	Brgys. San Juan, San Nicolas, Sto. Tomas, Sta. Catalina, Sta. Cruz Pambilog, Sta. Cruz Poblacion, San Sebastian, Sta. Monica, Sta. Rita, San Agustin, San Isidro, Sto. Rosario	1-4 ft Subsided except for Sta. Cruz Poblacion as of 6PM 27 October 2015
San Simon	12	29 October 2015	Brgys. Sta. Cruz, San Pedro, San Nicolas, San Juan, San Jose, San Miguel, Sta. Monica	5.5-6.5 ft San Pablo, San Agustin, Sta. Monica, Sto. Niño (subsided as of 7PM, 20 October 2015 but reported flooded again as of 25 October 2015 ) Floodings in Sto. Niño, San Agustin, Dela Paz, San Pablo and San Isidro subsided as of 6PM 27 October 2015
Sto. Tomas	1		Brgy. Poblacion San Agustin, Mandasig, Pescadores, Paralaya	Subsided as of 6AM, 20 October 2015
Candaba	33	23 October 2015		1-4 ft Bahay Pare and Barit floodings have subsided as of 10AM, 23 October 2015 Flooding in Barangays Barangca, Dalayap, Dulong Ilog, Lourdes, Magumbali, Mandili, Mapaniqui, Paligui, Pangclara, Tagulod, Buas, Pasig, Sto. Rosario, Bambang, Vizal Sto. Cristo, Salapungan, Cuayang Bugtong, Mangga, Pulong Gubat, Pulong Palazan, Talang, Tenejero, Vizal San Pablo, and Vizal Sto. Niño have subsided on 24 October 2015 Flooding in Gulap, Lanang and Pansinao have subsided as of 6pm, 26 October 2015
Masantol	13	22 October 2015	Alauli, San Agustin, Bebe Anac, Bebe Matua, Bagang, Balibago, Sagrada, Nigui	1-2 ft Flooding in Barangays Puti, Caingin Sta. Monica, San Isidro, and Sta Cruz have subsided on 24 October 2015 Flooding in Malauli have subsided as of 6pm, 26 October 2015
Apalit	6	22 October 2015	Brgys. Capalangan, Sucad	1-3 ft Floodings in San Juan, Cansinala and Tabuyuk subsided as of 8PM, 25 October 2015 Flooding in Sulipan subsided as of 6pm, 26 October 2015
<b>Zambales</b>	<b>4</b>			
Candelaria	4	19 October 2015	Binabalian, Taposo, Sinabacan, Malabon	Subsided as of 6PM, 20 October 2015
<b>CAR</b>	<b>8</b>			
La Trinidad, Benguet	8	20 October 2015	Brgys. Pico, Puguis, Wangal, Buyagan, Cruz, Ambiong, Apalang, Longlong, La Trinidad, Benguet	

REGION / PROVINCE		DATE	DESCRIPTION	REMARKS
<b>DROWNING</b>	<b><u>6</u></b>			
<b>REGION II</b>	<b>1</b>			
Nueva Vizcaya	1			
Bambang	1	18 October 2015	A drowning incident occurred Bambang, Nueva Vizcaya, the said victim was walking on a hanging bridge then suddenly fell into a creek.	It resulted to one (1) dead and recovered at Municipality of Bayombong
<b>REGION III</b>	<b>2</b>			
Nueva Ecija	2			
General Tinio	1	18 October 2015	A drowning incident occurred in General Tinio, Nueva Ecija	It resulted to one (1) dead
	1	18 October 2015	A drowning incident occurred in General Tinio, Nueva Ecija	It resulted to one (1) dead
<b>REGION IV-A</b>	<b>1</b>			
Laguna	1			
Mabitac	1	18 October 2015	A drowning incident occurred in Mabitac, Laguna	It resulted to one (1) dead
<b>CAR</b>	<b>2</b>			
Abra	1			
Tineg	1		A drowning incident occurred in Tineg River in Brgy. Caganayan	It resulted to one (1) dead
Benguet	1			
Baguias	1	19 October 2015	A drowning incident occurred in Baguias, Benguet	It resulted to one (1) dead due to cardiopulmonary arrest secondary to asphyxia due to drowning
<b>LANDSLIDES</b>	<b><u>4</u></b>			
<b>REGION III</b>	<b>1</b>			
Aurora	1			
	1	19 October 2015	A landslide incident occurred on Dinadiawan-Madela Road	Clearing operation was conducted
<b>CAR</b>	<b>3</b>			
Benguet	3			
Bakun	1		A landslide incident occurred near the a residential farm in Bakun, Benguet	It resulted to one (1) dead
Tinoc	1	18 October 2015	A landslide incident occurred in Brgy. Ahin, Tinoc, Ifugao	It resulted to one (1) dead due to cardiac arrest secondary to suffocation
	1	19 October 2015	A landslide incident occurred in Kaiangan-Tinoc Road	It resulted to one (1) dead due to cardiac arrest secondary to suffocation

REGION / PROVINCE		DATE	DESCRIPTION	REMARKS
<b>COLLAPSED WALL</b>	<b><u>2</u></b>			
<b>Region III</b>	<b>2</b>			
<b>Zambales</b>	<b>2</b>			
	1	18 October 2015	Mr. Gregorio and Benita Famanilay were sleeping inside their unfinished house in Brgy. Asinan Proper, Subic, Zambales when a portion of the wall collapsed on them.	The incident resulted to the death of Benita Famanilay, while Gregorio Famanilay was injured in the incident.
Sta. Cruz	1		A wall of the house collapsed resulting to head injuries of Evangeline Mas in Sta. Cruz, Zambales	It resulted to one (1) dead
<b>ELECTROCUTION</b>	<b><u>2</u></b>			
<b>REGION II</b>	<b>1</b>			
<b>Cagayan</b>	<b>1</b>			
Penablanca	1	18 October 2015	A electrocution incident occurred in Penablanca, Cagayan	It resulted to one (1) dead
<b>REGION III</b>	<b>1</b>			
<b>Tarlac</b>	<b>1</b>			
Moncada	1	18 October 2015	A electrocution incident occurred in Moncada, Tarlac	It resulted to one (1) dead
<b>FALLEN TREES</b>	<b><u>5</u></b>			
<b>REGION III</b>	<b>3</b>			
	<b>1</b>			
	1		A fallen tree block the road section of Pantangan West Poblacion along provincial road	Clearing operation conducted
<b>Pangasinan</b>	<b>2</b>			
Bolinao	1		A mango tree was toppled in Bolinao, Pangasinan damaging a residential houses.	It resulted to one (1) dead
Mangatarem	1		A santol tree was toppled in Mangatarem, Pangasinan damaging a residential houses.	It resulted to one (1) dead
<b>NCR</b>	<b>2</b>			
<b>Quezon City</b>	<b>2</b>			
	1	18 October 2015	A huge tree was uprooted in Brgy. Central, Forestry, Quezon City damaging three (3) residential houses.	It resulted to one (1) dead and four (4) injured.
	1	19 October 2015	A toppled tree incident occurred in Quezon City	It resulted to one (1) dead



## Preparedness and Effects of Typhoon "Lando"

## CASUALTIES

03 November 2015, 6:00 AM

REGION/PROVINCE/ MUNICIPALITY/BARANGAY		Name	Age / Sex	Cause / Date / Remarks
<b>GRAND TOTAL</b>	<b>48</b>	<b>DEAD</b>		
<b>REGION I</b>	<b>9</b>			
<b>Pangasinan</b>	<b>8</b>			
Bolinao	1	Jan Kirby Capena	1 / M	Hit when a mango tree fell on their house
Mangatarem	1	Mauro Nuerong	75 / M	Hit when a santol tree fell on their house
	1	Francisca R. Batobato	86 / F	Previously reported missing. Victim's body found at the mountain side/rice paddy by her daughter-in-law on 20 October 2015
Bani	1	Cristina Veloria	58 / F	Victim of a drowning incident
	1	Sixto Veloria	59 / M	Victim of a drowning incident
	1	Susana Cabana	3 / F	Victim of a drowning incident
	1	Trishia Cabana	1 / F	Victim of a drowning incident
Mabini	1	Paula Taoata	89 / F	Victim of a drowning incident
<b>La Union</b>	<b>1</b>			
	1	Kimberly R. Manansala	17 / F	Victim of a drowning incident on 23 October 2015. Previously reported missing. Body was retrieved along the shoreline of Aringay, La Union
<b>REGION II</b>	<b>6</b>			
<b>Nueva Vizcaya</b>	<b>1</b>			
Bambang	1	Renai Vitex Tuliao	6 / F	Fell into a creek while walking on a hanging bridge on 18 October 2015. Body recovered in Bayumbong.
<b>Isabela</b>	<b>4</b>			
Aurora	1	Danilo Corpuz previously reported as Danila Corpuz	24 / M	Previously reported missing when his truck dropped 750 meters below. Body was retrieved at Perez Park, Brgy Tarlac, Sta. Fe, Nueva Vizcaya
Tumauini	1	Jonathan Cadangyao y Agsay	29 / M	Due to drowning. Reported missing on 18 October 2015. Cadaver was retrieved on 20 October 2015
San Mariano	1	Elvis Binasao y Marallag	22 / M	Went fishing and got drowned at around 8:00 AM October 19, 2015. Cadaver recovered same day around 5:00 PM along Pinacanauan River.
Cabagan	1	Rolly Ranjo y Decena	33 / M	Due to drowning. Cadaver recovered around 7:30 AM, 21 October 2015 at Brgy. Casibarag Norte, Cabagan, Isabela
<b>Cagayan</b>	<b>1</b>			
Peñablanca	1	Jason Cusipag	21 / M	Electrocution(electrocuted by a cut wire on his way home) on 18 October 2015
<b>REGION III</b>	<b>8</b>			
<b>Zambales</b>	<b>3</b>			
Subic	1	Benita Famanilay	62 / F	Died due to severe head injury caused by collapsed wall
Sta. Cruz	1	Evangelina Gamas (formerly Mas)	56 / F	Wall of their house collapsed resulting to head injuries
	1	Stephanie Pinasin previously Manila)	12 / F	Due to drowning. Previously reported missing.

REGION/PROVINCE/ MUNICIPALITY/BARANGAY		Name	Age / Sex	Cause / Date / Remarks
<b>Tarlac</b>	<b>1</b>			
Moncada	1	Violeta Magbalot	57 / F	Died due to electrocution on 18 October 2015
<b>Nueva Ecija</b>	<b>2</b>			
General Tinio	1	Pedro Tuares	65 / M	Reportedly drowned on 18 October 2015
	1	Mario Abesamis	58 / M	Reportedly drowned on 18 October 2015
<b>Aurora</b>	<b>2</b>			
Dinalungan	1	Armando de Leon	26 / M	Multiple physical injury due to falling debris 18 October 2015
Casiguran	1	Riza Nisma	40 / F	Due to multiple injuries
<b>CAR</b>	<b>22</b>			
<b>Benguet</b>	<b>16</b>			
Bakun	1	Fernando Laso Gumpad previously reported as Fernando Laso Gumad	57 / M	Landslide near their farm. The body of the victim was recovered on 19 October 2015
Bokod	1	Perla Alpersel Disoy	18 / F	One of the two female cadavers recovered along Bued River, Brgy. Amagban, Sison, Pangasinan. As per initial report, victims were carried away by flashflood
Buguias	1	Norton Aniseto Jose	26 / M	Cardiopulmonary arrest secondary to asphyxia due to drowning on 19 October 2015
Tuba	1	Leonard Foken Pacuran	25 / M	Victim of a landslide incident on 19 October 2015 at Skyline-Philex Ampucao, Itogon, Benguet
	1	Khalid Panganiban	2 / M	Due to drowning. Previously reported missing.
	1	Virginia Quilang Panganiban	36 / F	One of the two female cadavers recovered along Bued River, Brgy. Amagban, Sison, Pangasinan. As per initial report, victims were carried away by flashflood
La Trinidad	1	Jimmy Naag	18 / M	Victim of a landslide incident on 19 October 2015 at 10PM at the Naag's Residence in Lower Cruz, La Trinidad, Benguet. Victims were sleeping when the landslide occurred
	1	Jonathan Cabading	28 / M	
	1	Ronnie Lestino	25 / M	Victim of a landslide incident on 20 October 2015 at 1:00AM in La Trinidad
	1	Alma Lestino	23 / F	
	1	Kathleen Lestino	4 / F	
	1	Ronnielson Lestino	2 / M	
1	Victorino Isla	34 / M	Due to landslide	
Kapangan	1	Fred Gavino	43 / M	Victim of a landslide incident on 20 October 2015
	1	Agustina Gavino	32 / F	
Itogon	1	Edina Bungtan	39/F	Due to drowning. Body was recovered in the river of Brgy. Ansagan, Tuba, Benguet at about 10AM of October 21, 2015
<b>Ifugao</b>	<b>3</b>			
Tinoc	1	Greg Lindawan	28 / M	Victim of a landslide incident while travelling on a motorcycle going to Tinoc, Ifugao. Previously reported injured, the victim died on 21 October 2015, at 7:30 AM while being treated.
	1	Antonio Pally	61 / M	Suffered cardiac arrest secondary to suffocation due to landslide in Barangay Ahin on 18 October 2015
	1	Reginald Basilio	38 / M	Suffered cardiac arrest secondary to suffocation after a landslide swept him while passing through Kaiangan-Tinoc Road on 19 October 2015
<b>Abra</b>	<b>1</b>			
Tineg	1	Ryan Bignay (previously Ryan Biglay)	23 / M	Previously reported missing after being swept by strong current of Tineg River in Brgy. Caganayan. The body of the victim was recovered on 19 October 2015

REGION/PROVINCE/ MUNICIPALITY/BARANGAY		Name	Age / Sex	Cause / Date / Remarks
<b>Baguio City</b>	<b>2</b>			
Quezon Hill	1	Daphne Dianne Tucay (previously Dianne Tucay)	9 / F	Victim of a landslide incident on 19 October 2015
	1	Vanessa Tucay	6 / F	Victim of a landslide incident on 19 October 2015
<b>NCR</b>	<b>2</b>			
<b>Quezon City</b>	<b>2</b>			
	1	Ronnel Adams Castillo (previously reported as Rannel Castillo)	14 / M	Eviscerated wound caused by toppled tree
	1	Ma. Esperanza Palparan	46 / F	Previously reported as injured due to toppled tree was reported dead on 19 October 2015
<b>REGION IV-A</b>	<b>1</b>			
<b>Laguna</b>	<b>1</b>			
Mabitac	1	Nestor San Luis	60 / M	Drowning on 18 October 2015
<b>GRAND TOTAL</b>	<b>83</b>	<b>INJURED</b>		
<b>REGION I</b>	<b>11</b>			
<b>Pangasinan</b>	<b>9</b>			
Bolinao	1	Ariel Capena	47 / M	Injured due to uprooted mango tree that directly hit the victim's house
	1	Esmeralda Capena	37 / F	Injured due to uprooted mango tree that directly hit the victim's house
	1	Alfres Valerio	66 / M	Lacerated wound frontal
Bayambang	1	Alfredo Castillo (previously reported as Alejandro Castillo)	57 / M	Hit by fallen tree during clearing operation resulting to pelvic injury
Manaoag	1	Christobal Camara	17 / M	Hit by a mahogany tree which resulted to head trauma
	1	Roderick Macasieb	35 / M	Injured due to falling debris (GI Sheet)
	1	Ernesto Tenoso	32 / M	
Tayug	1	Gregoria De Guzman	66 / F	Lacerated wound, pariental area secondary to trauma
Bautista	1	Lucila Soria	80 / F	Injured by a fallen tree
<b>La Union</b>	<b>2</b>			
Agoo	1	Pepito Madriaga	55 y/o	Lacerated wound, frontal area
Santo Tomas	1	Robert Ramirez	45 / M	injured leg due to falling debris on 19 October 2015, 9:24PM. Lacerated wound anterior right thigh
<b>REGION II</b>	<b>13</b>			
<b>Nueva Vizcaya</b>	<b>1</b>			
Bambang	1	Mauveric Tuliao	9 / M	Jumped into the creek to rescue his sister Renai Vitex Tuliao
<b>Isabela</b>	<b>11</b>			
San Mateo	1	Venus Pabron	29 / F	Physical injury, fracture, left femur secondary to falling debris
	1	Ernesto Vallejos	27 / M	Multiple physical injuries
San Isidro	1	Rey Melchor	50 / M	Multiple physical injury secondary to falling debris
Cordon	1	Allan Aguilar	30 / M	Laceration left thumb due to falling debris
Alicia	1	Krizza Labugen	20 / F	Laceration right knee due to falling debris
Cauayan City	1	Angelito Alvarez	27 / M	Incised wound left wrist
Santiago City	1	Pally Encomienda	72 / F	Lacerated wound (forehead)
	1	Jimboy Pagaduan	20 / M	Lacerated wound
	1	Faberto Tomines	20 / M	lacerated wound (right leg)
	1	Conrado Delero	51 / M	Lacerated wound (left forearm)
	1	Angela Solasa	11 / F	Incised wound right leg



REGION/PROVINCE/ MUNICIPALITY/BARANGAY		Name	Age / Sex	Cause / Date / Remarks
<b>Quirino</b>	<b>1</b>			
Saguday, Quirino	1	Melanie Soliven	11 / F	Incised wound left thumb
<b>REGION III</b>	<b>47</b>			
<b>Nueva Ecija</b>	<b>25</b>			
Aliaga	1	Gloria Quirante	63 / F	Lacerated Wound, right hand
Cabanatuan City	1	Leocito Beltran	63 / M	Lacerated wound, right leg
	1	Jestoni Cariaga	26 / M	Lacerated Wound, right hand
	1	John Kevin Dayao	25 / M	Soft Tissue Swelling Left Knee
	1	Jeffrey De Guzman	42 / M	Punctured Wound left forearm
	1	Aries Dysangco	40 / M	Abrasion, left foot
	1	Rolando Fernandez	35 / M	Cerebrovascular Accident
	1	Omar Foronda	33 / M	Left foot punctured
	1	Darwin Garcia	33 / M	Lacerated Wound
	1	Monique Ann Gotam	22 / F	Abrasion, left foot
	1	Jefferson Javier	10 / M	Musculoskeletal strain secondary to vehicular accident
	1	Jerick Muñoz	20 / M	Avulsed wound
	1	Aldwin Oanes	28 / M	Punctured wound right foot
1	Joselito Parumog	19 / M	Lacerated wound, right leg	
1	Raymundo Tumibay	72 / M	Punctured Wound	
Gabaldon	1	Isagani Sibayan	37 / M	Multiple Physical Injury
Gabalon	1	Herminiano Amoso	47 / M	Multiple Physical Injury
Guimba	1	Dionisio Velasco	34 / M	Lacerated wound, left wrist
Laur	1	Luisa Pagarigan	70 / F	Lacerated wound, open fracture
Muñoz City	1	Mcberley Jewel Salcedo	13 / M	Flame burn 54%
Quezon	1	Allan Dela Cruz	22 / M	Electrical Injury: abdomen, left leg
San Miguel	1	Michael Paloma	43 / M	Electrical injury related to cranial cerebral injury
Sta. Rosa	1	Renato Ruiz	61 / M	Cerebrovascular Accident
Sto. Domingo	1	Edna Ruz	68 / F	Multiple physical injuries
Talavera	1	Lito Corpuz	33 / M	Lacerated Wound
<b>Zambales</b>	<b>2</b>			
Subic	1	Gregorio Famanilay	65 / F	Sustained minor injury caused by collapsed wall
Olongapo City	1	Nelina Rallos	62	Fracture, Colles
<b>Aurora</b>	<b>19</b>			
Baler	1	Gracelyn Ambrosio	13 / F	Lacerated Wound
	1	Sonny Catipon	44 / M	Hit by wood resulting to lacerated wound, lower lip
	1	Rennie Serrano	37 / M	Multiple Abrasions due to fall from roof
Dilasag	1	Anastacia Ligas	30 / F	Laceration, left foot
Dipaculao	1	Angelou Camara	18 / F	Punctured Wound
	1	Teodoro Garlit	46 / M	Multiple Physical Injury
	1	Crispin Nombrene	27 / M	Punctured Wound
	1	Rogelio Soria, Sr.	M	Hit by an uprooted tree resulting multiple physical injury
	1	Kelvin Camara	17 / M	Punctured Wound
Maria Aurora	1	Vilma Belmote	48 / F	Contusion due to fall from a building
	1	Cherry Gonzales	33 / F	Cerebral Concussion
	1	Janny Japson	25 / M	Laceration, Left Knee
	1	Crisostomo Peña	36 / M	Laceration fronto-parietal area
	1	Alberto Rivera	29 / M	Multiple physical injuries due to vehicular accident (motorcycle slipped due to flooding)

REGION/PROVINCE/ MUNICIPALITY/BARANGAY		Name	Age / Sex	Cause / Date / Remarks
	1	Wilson Señorin	20 / M	Multiple physical injuries due to vehicular accident (motorcycle slipped due to flooding)
	1	Marvin Sumalbag	31 / M	Punctured Wound
San Luis	1	Raymundo Galande	37 / M	Hit by strong waves resulting to left shoulder dislocation
	1	Rona Jacoba	40 / F	Lacerated wound, left sole
	1	Roderick Panlalunan	32 / M	Hit by wood resulting to laceration of left forearm
<b>Tarlac</b>	<b>1</b>			
San Miguel	1	Rudy Pascual	52 / M	Broken left arm
<b>NCR</b>	<b>5</b>			
<b>Quezon City</b>	<b>5</b>			
	1	Charito Gonzales Tolentino (previously reported as Charito Palanan)	38 / F	Topped huge tree
	1	Janel Matthew Castillo Yagyagan (previously reported as Matthew Castillo)	3 / M	
	1	Lance David Castillo Yagyagan (previously reported as Lance Castillo)	2 / M	Topped huge tree
	1	Arnel Castillo Ilagan	38 / M	
	1	Ronnie Castillo	40 / M	
<b>CAR</b>	<b>7</b>			
<b>Kalinga</b>	<b>1</b>			
Casigayan, Tabuk	1	Danica Balawag	1 year 8 mos / F	Victim of a fallen coconut tree
<b>Benguet</b>	<b>6</b>			
Itogon	1	Manuel Dacusin Ojas	40 / M	Victim of a landslide incident at waiting shed in Skyline-Philex Ampucao, Itogon, Benguet on 19 October 2015
	1	Roneo Divera	49 / M	
	1	Emil Suetos	31 / M	
La Trinidad	1	Hannah Palcong Angway	19 / F	Victim of a landslide incident at Naag's Residence in Lower Cruz, Trinidad Benguet on 19 October 2015
	1	Arvin Palcong Angway	23 / M	Victim of a landslide incident at Naag's Residence in Lower Cruz, Trinidad Benguet on 19 October 2015
	1	PO1 Benido Bacguian Magan	32 / M	Victim of a landslide incident while rescuing the Angway/Naag Family
<b>GRAND TOTAL</b>	<b>4</b>	<b>MISSING</b>		
<b>Region III</b>	<b>1</b>			
<b>Zambales</b>	<b>1</b>			
Sta. Cruz	1	Edward Penasen	25 / M	Went missing on 18 October 2015
<b>CAR</b>	<b>3</b>			
<b>Benguet</b>	<b>2</b>			
Bokod/Camp 4 Tuba	1	Debie Besoy	F	Mudslide / drowning
Itogon	1	Edina Tamang	39 / F	SAR operation was on hold due to the weather condition and strong current of water at the creek
<b>Abra</b>	<b>1</b>			
San Isidro	1	Violido Wanawan Carayoan	57 / M	

**PREPAREDNESS MEASURES AND EFFECTS OF TY "LANDO"**  
**Suspension of Classes**  
**03 November 2015, 6:00 AM**

REGION	PROVINCE / MUNICIPALITY / CITY	DATE OF SUSPENSION	REMARKS
I	<b>Ilocos Sur</b>		
	<i>Candon City</i>	21 October 2015	Classes resumed as of 22 October 2015 per DepEd
	<i>Province-wide</i>		
	<b>La Union</b>		
	<i>San Fernando City</i>	21 October 2015	Classes resumed as of 22 October 2015 per DepEd
	<i>Province-wide</i>		
	<i>Bangar</i>	21 October 2015	
	<i>Rosario</i>	21 October 2015	
	<b>Pangasinan</b>		
	<i>San Carlos City</i>	21 October 2015	11 selected Preschools to High Schools
	<i>Mangaldan</i>	22 October 2015	Preschool to High School
	<i>Alcala</i>	21 October 2015	Preschool to High School
	<i>Dagupan City</i>	21 October 2015	Classes resumed as of 22 October 2015 per DepEd
	<i>Santo Tomas</i>	21 October 2015	Classes resumed as of 22 October 2015 per DepEd
	<i>Rosales</i>		
	<i>Calasiao</i>		
	<i>Villasis</i>		
	<i>Sta. Maria</i>		
	<i>Sison</i>		
	<i>Bautista</i>		
	<i>Tayug</i>		
	<i>San Quintin</i>		
	<i>Asingan</i>		
	<i>Natividad</i>		
	<i>Pozzorubio</i>		
	<i>Binalonan</i>		
	<i>Laoac</i>		
<i>San Fabian</i>			
<i>San Jacinto</i>			
<i>Bugallon</i>	22 October 2015	Classes resumed as of 22 October 2015 per DepEd	
II	<b>Isabela</b>		
	<i>Sto. Tomas</i>	22 October 2015	All Levels

REGION	PROVINCE / MUNICIPALITY / CITY	DATE OF SUSPENSION	REMARKS
III	<b>Nueva Ecija</b>		
	<i>Cabanatuan City</i>	22 October 2015	All Levels
	<i>Bongabon</i>		
	<i>Cabiao</i>		
	<i>Gabaldon</i>		
	<i>Gen. Natividad</i>		
	<i>Gen. Tinio</i>		
	<i>Jaen</i>		
	<i>Laur</i>	22 October 2015	All Levels
	<i>Palayan City</i>		
	<i>Peñaranda</i>		
	<i>San Antonio</i>		
	<i>San Isidro</i>		
	<i>San Leonardo</i>		
	<i>Science City of Muñoz</i>		
	<i>Sta. Rosa</i>	22 October 2015	All Levels
	<i>Gapan City</i>		
	<b>Aurora</b>		
	<i>Province -wide</i>	22 October 2015	All Levels
	<i>Dilasag</i>	22 October 2015	Elementary & High School
	<i>Casiguran</i>	22 October 2015	
	<b>Bulacan</b>		
	<i>Calumpit</i>	22 October 2015	All Levels
	<i>Paombong</i>	22 October 2015	
	<i>Hagonoy</i>	22 October 2015	
	Pampanga		
	<i>Candaba</i>	22 October 2015	Elementary to High School Elementary
<i>Apalit</i>	22 October 2015		
Brgys. Sucad & Cansinala Brgys. Capalangan & Tabuyoc			
<i>Masantol</i>	22 October 2015	All Levels	
<i>San Luis</i>	22 October 2015	All Levels	
<i>Macabebe</i>	22 October 2015	Elementary to High School	



REGION	PROVINCE / MUNICIPALITY / CITY	DATE OF SUSPENSION	REMARKS
CAR	Benguet	23 October 2015	Classes resumed as of 23 October 2015
	<i>Bokod</i>	23 October 2015	Classes resumed as of 23 October 2015
	<i>Kabayan</i>	23 October 2015	Classes resumed as of 23 October 2015
	<i>Itogon</i>	23 October 2015	Classes resumed as of 23 October 2015
	<i>Tublay</i>	23 October 2015	Classes resumed as of 23 October 2015
	<i>Baguio City</i>	23 October 2015	Classes resumed as of 23 October 2015

**PREPAREDNESS MEASURES AND EFFECTS OF TY "LANDO"**  
**STATUS OF POWER SUPPLY**  
*As of 03 November 2015, 6:00 AM*

REGION	AREAS AFFECTED	DATE/TIME	REMARKS
REGION I	<b>Ilocos Norte</b>		
	(Adams, Burgos, Bangui, Pagudpud, Dumalneg, portions of Bacarra, Pasuquin)	As of 9:00 PM, 17 October 2015	Power was restored as of 18 October 2015
	(Vintar, Carasi, Piddig, Solsona, Dingras, Laoag City, San Nicolas, Sarrat, Paoay, Batac City, Currimao, Pinili, Badoc, Banna, Nueva Era, Marcos)	As of 21 October 2015	Power 100% restored
	<b>Ilocos Sur</b>		
	(Quirino, Suyo, Alilem, Sugpon, Sinait, Cabugao, Magsingal, Bantay, Santa, Narvacan, Santa Maria, Santiago, Cardon City, Santa Lucia, Santa Cruz)	As of 21 October 2015	Power restored except Quirino, Sigay, and Sugpon Power restored in Quirino as of 27 October 2015
	<b>Pangasinan</b>		
	(Sison, San Fabian, Pozzorubio, San Jacinto, Bolinao, Bani, Anda, Alaminos City, Burgos, Mabini, Agno, Dasol, Infanta, Sual, Labrador, Lingayen, Bugallon, San Carlos City, Malasiqui, Basista, Aguilar, Urbiztondo, Bayambang, Alcala, Mangatarem, Mangaloan, Binalonan, San Manuel, San Nicolas, Laoac, Mapandan, Urdaneta City, Asingan, Tayug, Natividad, Villasis, Santa Maria, San Quintin, Santo Tomas, Rosales, Balungao, Umingan) Dagupan City	As of 21 October 2015 As of 19 October 2015	Power restored in Sual, Labrador, Pozzorubio, Lingayen, Bugallon, San Carlos City, Malasiqui, Basista, Aguilar, Urbiztondo, Bayambang, Alcala, Mangatarem, Mangaloan, Binalonan, San Manuel, San Nicolas, Laoac, Mapandan, Urdaneta City, Asingan, Tayug, Natividad, Villasis, Santa Maria, San Quintin, Santo Tomas, Rosales, Balungao, Umingan
<b>La Union</b>			
(Luna, Bangar, Sudipen, Balaoan, Santol, Bacnotan, San Juan, San Gabriel, San Fernando City, Bagulin, Bauang, Burgos, Caba, Aringay, Agoo, Tubao, Pugo, Santo Tomas, Rosario)	As of 21 October 2015	Power was restored in Bacnotan, Bagulin, Bauang, Caba, Bangar, Tubao, Pugo, Balaoan, Agoo, Rosario, Burgos, Aringay, Sudipen, Sto. Tomas, Santol, San Gabriel, San Juan, San Fernando City and Luna	
REGION II	<b>Cagayan</b>		
	(Tuguegarao City, Rizal, Sto. Nino, Alcala, Amulung, Piat, Tuao, Solana, Enrile, Iguig, Peñablanca, Baggao, Calayan, Aparri, Sanchez-Mira, Pamplona, Abulug, Alacapan, Buguey, Gonzaga, Sta. Ana, Gattaran, Lasam, Sto. Nino)		Power 100% restored
	<b>Isabela</b>		
	(Reina Mercedes, Luna, Cabatuan, San Mateo, Ramon, Santiago City, Cordon, San Isidro, Alicia, Cauayan City, Angadanan, San Guillermo, Echague, Jones, San Agustin, Santa Maria, San Pablo, Cabagan, Sto. Tomas, Quezon, Delfin Albano, Tumauini, Divilacan, Ilagan City, Gamu, Burgos, San Manuel, Aurora, Roxas, Quirino, Palanan, San Mariano, Dinapigue, Benito Soliven, Naguilian, Mallig)		Power 100% restored
	<b>Quirino</b>		
(Diffun, Saguday, Cabarroguis, Aglipay, Maddela, Nagtipunan)		Restored in all municipalities except Nagtipunan	
<b>Nueva Vizcaya</b>			Province-wide power outage
(Kayapa, Ambaguio, Villaverde, Bagabag, Diadi, Solano, Bayombong, Quezon, Bambang, Kasibu, Aritao, Santa Fe, Dupax del Norte, Dupax Del Sur, Alfonso Castaneda)		Power restored except for Alfonso Castaneda	
REGION III	<b>Aurora (Province-wide)</b>		
	Province wide	As of 10:00 AM, 18 October 2015	Power restored in Baler, San Luis, Maria Aurora, Dipaculao and Dingalan.

REGION III	<b>Nueva Ecija</b>		
	<i>(San Antonio, San Isidro, Gapan City, Lupao, Talugtug, Muñoz City, Guimba, Aliaga, Rizal, Laur, Gabaldon)</i>	As of 8:00 AM, 26 October 2015	Power restored in Cuyapo, Nampicuan, Zaragoza, Carranglan, Guimba, Quezon, Talavera, Pantabangan, Llanera, General Mamerto Natividad, Santa Rosa, Jaen, Peñaranda, General Tinio, Bongabon and Cabiao
	<b>Zambales</b>		
	<i>Province wide</i>		<i>Power 100% restored</i>
	<b>Tarlac</b>		
	<i>(Camiling, Mayantoc, Paniqui, San Clemente, San Jose, San Manuel, Santa Ignacia, Victoria, Moncada, Gerona, Pura, Ramos, Capas, Bamban, La Paz, Concepcion)</i>		<i>Power 100% restored</i>
	<b>Bataan</b>		
<i>Province wide</i>		<i>Power 100% restored</i>	
<b>Pampanga</b>			
<i>(Magalang, Arayat, Mexico, Sta. Ana, Candaba, San Luis, Mabalacat, Porac, Floridablanca, Sta. Rita, Guagua, Lubao, Sasmuan, Sto. Tomas, San Simon, Minalin, Macabebe, Masantol, Apalit)</i>			
REGION IV-A	<b>Quezon</b>		
	<i>General Nakar, Infanta and Real</i>	As of 21 October 2015	Power is restored in Infanta and Real
	<b>Laguna</b>		
	<i>(Sta. Maria, Famy, Mabitac, Siniloan, Pangil, Pakil, Paete, Kalayaan, Lumban, Pagsanjan, Cavinti)</i>		<i>Power 100% restored</i>
<b>Batangas</b>			
<i>(Nasugbu, Tuy, Lian, Balayan, Calaca, Lemery, Agoncillo, Taal, San Luis, Calatagan, Laurel, Talisay, Tanauan City, Malvar, Balete, Mataas na Kahoy, Lipa City, Cuenca, Alitagtag, Mabini, Tingloy, San Jose, Padre Garcia, Rosario, Taysan, San Juan, Lobo)</i>		<i>Power 100% restored</i>	
CAR	<b>Mt. Province</b>	As of 10:00 AM, 19 October 2015	Province-wide power outage
	<i>Province wide</i>		
	<b>Apayao</b>		
	<i>Province wide</i>		<i>Restored as of 19 October 2015, 4:00 PM</i>
	<b>Kalinga</b>	As of 21 October 2015	Power restored except in Balbalan
	<b>Benguet</b>		
	<i>Province wide</i>		Partially restored in Sablan, Tublay, La Trinidad and Baguio City. Power was restored in Tuba, Itogon, and Mankayan
	<b>Ifugao</b>		
<i>Province wide</i>		<i>Restored as of 21 October 2015, 4:00 PM</i>	
<b>Abra</b>			
<i>(Pilar, Luba, Villaviciosa, Sallapadan, Langiden, Malibcong, Pidigan, Tubo, and San Juan)</i>	As of 18 October 2015	<i>Restored as of 21 October 2015, 4:00 PM except for Municipalities of Luba, San Juan, and Malibcong</i>	

**PREPAREDNESS MEASURES AND EFFECTS OF TY "LANDO"**  
**STATUS OF ROADS, BRIDGES, & OTHER INFRASTRUCTURE**  
 As of 03 November 2015, 6:00 AM

<b>A. NOT PASSABLE DUE TO LANDSLIDES</b>		
<b>LOCATION</b>	<b>BRIDGE/ROAD/OTHER</b>	<b>REMARKS/CAUSE</b>
<b>CAR</b>		
<b>Abra</b>		
	<b>Abra-Ilocos Norte Road</b>	
	K0614+400-K0619+050 with exception Sadel, Parina, Calanasan	Passable
<b>Benguet</b>		
	<b>Acop-Kapangan-Kibungan-Bakun Road S00399LZ</b>	
	K0304+250, Tigel, Sagpat, Kibungan	Not passable to all types of vehicles since TY Ineng due to sinking roadway
<b>Mt. Province</b>		
	<b>Jct. Talubin-Barlig-Natonin-Paracelis-Calaccad Road, S00534LZ</b>	
	a. K0385+900, Balagbag, Talubin, Bontoc	Still not passable due to slides and road cut
	b. K0378+500, Lubo, Talubin, Bontoc	Still not passable due to slides and road cut
<b>Kalinga</b>		
	<b>Balbaban-Pinukpuk Road</b>	
	a. K0481 to K0487 Balbalan proper, Maling section	Passable
	b. K0506-K0514 Apatan to Tuga section	Passable
	<b>Kalinga-Abra Road</b>	
	a. K0467+020,K0467+500,K0469+600, Ko469+700,K0470+300,K0470+350,K0470+400,K0470+600 Ableg Section	Closed to Traffic
	b. K0471+600,k0471+700,471+800, K0473+300,K0473+400 Balenciagao Section	Closed to Traffic
	<b>Tabuk-Banaue Road, K0545+200, Lubo Section; K538+200, K538+500; K0539+000, Lubo Tanudan</b>	Not passable to all types of vehicles due to soil collapse
<b>Baguio City</b>		
	Military Cut-off Road, S01516LZ	Not passable to all types of vehicles due to road slip
	Kennon Road	Passable
<b>REGION I</b>		
<b>Ilocos Sur</b>		
	Jct-Santiago-Banayoyo-Lidlida-San Emilio-Quirino Road	K0371+250 -Closed due to muddy water, K0376+200 -Closed due to high water at spillway
<b>REGION III</b>		
<b>Aurora</b>		
	Nueva Ecija (formerly Vizcaya)-Aurora Road S01516LZ, K0171+000-K0180+000	Not passable to all types of vehicles due to soil collapse, landslides, eroded slope protection, gravel roads and shoulders
	Villa Bongabon Road	Not passable due to landslide at Sitio Kamatis, Villa, Ma. Aurora

LOCATION	BRIDGE/ROAD/OTHER	REMARKS/CAUSE						
<b>B. NOT PASSABLE DUE TO FLOODING</b>								
LOCATION	BRIDGE/ROAD/OTHER	REMARKS/CAUSE						
<b>REGION II</b>								
<b>Cagayan</b>								
	Tawi Overflow Bridge, Peñablanca	Passable to light vehicles only Alternate Route at Brgy. Circumferential Rd						
<b>Isabela</b>								
	Baculud Overflow Bridge, Ilagan City	Not passable						
<b>REGION III</b>								
<b>Aurora</b>								
	Nueva Ecija - Aurora Road, K0180+000, Cabatagan River , K0230+35-k0233+000	Not passable to all types of vehicles due to flooding.						
<b>Tarlac</b>								
	Tarlac-Sta. Rosa Road, S01018LZ KM136+484, Brgy. Amucao, Lapaz, Tarlac	Not passable to all types of vehicles due to underwater detour road (Amucao Bridge under construction)						
	Caut Bridge, K0131+230, Caut Lapaz,	Not passable to all types of vehicles due to underwater detour road						
<b>Nueva Ecija</b>								
	Labi Bridge, Brgy. Labi Bongabon, Nueva Ecija Km 161+666	Not passable due to washed out bridge						
<b>Pampanga</b>								
	Baliuag-Candaba-Sta. Ana Road							
	a. K0060+000-K0069+200	Not passable to all types of vehicles						
	San Simon-Baliwag Road S01232LZ; K0063+000-K0069+800	Not passable to all types of vehicles						
<b>C. NOT PASSABLE DUE TO DEBRIS FLOW</b>								
LOCATION	BRIDGE/ROAD/OTHER	REMARKS/CAUSE						
<b>REGION III</b>								
<b>Pampanga</b>								
	Candaba-Baliwag Road	Not passable due to mud						
<b>Nueva Ecija</b>								
	Jct Tablang Gabaldon Road KM154+000, KM157+000	Hardly passable to light vehicles due to mud flow						
<table border="1"> <tbody> <tr> <td>ROADS</td> <td>14</td> </tr> <tr> <td>BRIDGES</td> <td>4</td> </tr> <tr> <td>OTHER INFRASTRUCTURE</td> <td>0</td> </tr> </tbody> </table>			ROADS	14	BRIDGES	4	OTHER INFRASTRUCTURE	0
ROADS	14							
BRIDGES	4							
OTHER INFRASTRUCTURE	0							



## PREPAREDNESS MEASURES AND EFFECTS OF TY "LANDO"

## CANCELLED FLIGHTS

As of 03 November 2015, 6:00 AM

FLIGHT NO.	ROUTE	DATE / REMARKS
<b>DOMESTIC FLIGHTS</b>		
<b>PAL Express</b>		
PR/GAP 2084	Manila to Basco	17 October 2015
PR/GAP 2085	Basco to Manila	17 October 2015
PR/GAP 2014	Manila to Tuguegarao	Flight cancelled since 16 October 2015
PR/GAP 2015	Tuguegarao to Manila	
PR/GAP 2959	Manila-Cotabato	17 October 2015
PR/GAP 2960	Cotabato-Manila	17 October 2015
PR 2196	Manila-Laoag	18 October 2015
PR 2197	Laoag-Manila	18 October 2015
PR 2198	Manila-Laoag	18 October 2015
PR 2199	Laoag-Manila	18 October 2015
2P 2077	Manila - Tablas	18 October 2015
2P 2078	Tablas - Manila	18 October 2015
2P 2057	Manila - Caticlan	18 October 2015
2P 2058	Caticlan - Manila	18 October 2015
2P 2196	Manila-Laoag	19 October 2015
2P 2197	Laoag-Manila	19 October 2015
2P 2198	Manila-Laoag	19 October 2015
2P 2199	Laoag-Manila	19 October 2015
PR 2196	Manila-Laoag	19 October 2015
PR 2197	Laoag-Manila	19 October 2015
PR 2198	Manila-Laoag	19 October 2015
PR 2199	Laoag-Manila	19 October 2015
PR 2016	Manila-Tuguegarao	19 October 2015
PR 2017	Tuguegarao-Manila	19 October 2015
PR 2959	Manila-Cotabato	19 October 2015
PR 2960	Cotabato-Manila	19 October 2015
PR 2014	Manila-Tuguegarao	19 October 2015
PR 2015	Tuguegarao-Manila	19 October 2015
PR 2196	Manila-Laoag	20 October 2015
PR 2197	Laoag-Manila	20 October 2015
PR 2084	Manila-Basco	20 October 2015
PR 2085	Basco-Manila	20 October 2015
PR 2014	Manila to Tuguegarao	20 October 2015
PR 2015	Tuguegarao to Manila	20 October 2015
PR 2196	Manila-Laoag	20 October 2015
PR 2197	Laoag-Manila	20 October 2015

FLIGHT NO.	ROUTE	DATE / REMARKS
PR 2084	Manila-Basco	21 October 2015
PR 2085	Basco-Manila	21 October 2015
PR 2196	Manila-Laoag	22 October 2015
PR 2197	Laoag-Manila	22 October 2015
GAP 2084	Manila-Basco	22 October 2015
GAP 2085	Basco-Manila	22 October 2015
PR 2084	Manila-Basco	22 October 2015
PR 2085	Basco-Manila	22 October 2015
PR 2196	Manila-Laoag	22 October 2015
PR 2197	Laoag-Manila	22 October 2015
PR 2959	Manila-Cotabato	22 October 2015
PR 2960	Cotabato-Manila	22 October 2015
<b>CebGo (Formerly SEAir and TigerAir)</b>		
DG/SRQ 6113	Manila to Naga	17 October 2015
DG/SRQ 6114	Naga to Manila	17 October 2015
DG/SRQ 6004	Manila - Laoag	18 October 2015
DG/SRQ 6005	Laoag-Manila	18 October 2015
DG/SRQ 6004	Manila - Laoag	19 October 2015
DG/SRQ 6005	Laoag-Manila	19 October 2015
DG 6227	Manila-Caticlan	20 October 2015
DG 6228	Caticlan - Manila	20 October 2015
SRQ 6004	Manila-Laoag	20 October 2015
SRQ 6005	Laoag-Manila	20 October 2015
<b>Cebu Pacific Air</b>		
5J 504	Manila - Tuguegarao	17 October 2015
5J 505	Tuguegarao- Manila	17 October 2015
5J 506	Manila - Tuguegarao	Flight cancelled since 16 October 2015
5J 507	Tuguegarao- Manila	
5J 887	Manila-Cotabato	17 October 2015
5J 888	Cotabato-Manila	17 October 2015
5J 771	Manila to Pagadian	18 October 2015
5J 772	Pagadian to Manila	18 October 2015
5J 821	Manila to Virac	18 October 2015
5J 822	Virac to Manila	18 October 2015
5J 196	Manila-Cauayan	19 October 2015
5J 197	Cauayan-Manila	19 October 2015
5J 504	Manila-Tuguegarao	19 October 2015
5J 505	Tuguegarao-Manila	19 October 2015
5J 887	Manila-Cotabato	19 October 2015
5J 888	Cotabato-Manila	19 October 2015
5J 885	Manila-Cotabato	19 October 2015
5J 886	Cotabato-Manila	19 October 2015
5J 561	Manila-Cebu	20 October 2015
5J 554	Cebu-Manila	20 October 2015
5J 785	Manila-Butuan	20 October 2015

FLIGHT NO.	ROUTE	DATE / REMARKS
5J 786	Manila-Butuan	20 October 2015
5J 325	Manila-Legaspi	20 October 2015
5J 326	Legaspi-Manila	20 October 2015
5J 341	Manila-Kalibo	20 October 2015
5J 342	Kalibo-Manila	20 October 2015
5J 571	Manila-Cebu	20 October 2015
5J 576	Cebu-Manila	20 October 2015
5J 558	Cebu-Manila	20 October 2015
5J 771	Manila-Pagadian	20 October 2015
5J 772	Pagadian to Manila	20 October 2015
5J 452	Iloilo-Manila	20 October 2015
5J 887	Manila-Cotabato	22 October 2015
5J 888	Cotabato-Manila	22 October 2015
5J 990	General Santos-Manila	22 October 2015
5J 995	Manila-General Santos	22 October 2015
5J 996	General Santos-Manila	22 October 2015
<b>Magnum Air</b>		
M8-816	Manila-Basco	18 October 2015
M8-815	Basco-Manila	18 October 2015
M8-816	Manila-Basco	19 October 2015
M8-817	Basco-Manila	19 October 2015
M8-815	Basco-Manila	21 October 2015
M8-816	Manila-Basco	21 October 2015
<b>INTERNATIONAL FLIGHTS</b>		
<b>China Southern Airlines</b>		
CZ 3091	Canton - Manila	18 October 2015
CZ 3092	Manila - Canton	18 October 2015
<b>China Eastern</b>		
CE 7287	Guangzhou, China - Laoag	20 October 2015

Source: CAAP as of 6:00 AM, 17 October 2015, MIAA Media Affairs as of 4:41 PM, 22 October 2015, DOTC Operations Report as of 8:00 AM, 22 October 2015, and OCD NCR

## Preparedness Measures and Effects of Typhoon "LANDO" (I.N. KOPPU)

## COST OF DAMAGES

As of 03 November 2015, 6:00 AM

Region/Province/ City/Municipality	INFRASTRUCTURE				AGRICULTURE							TOTAL COST (Infrastructure + Agriculture)
	ROADS/BRIDGES	Flood Control	OTHER STRUCTURES		CROPS (Rice and Corn)		LIVESTOCKS	IRRIGATION	HVCC (Mango, Banana, Papaya, Vegetables)	FISHERIES		
			Type	Amount	Type of Crops / Livestocks	Estimated Peso Value	Estimated Peso Value	Estimated Peso Value		Type of Project/ Species	Estimated Peso Value	
<b>GRAND TOTAL</b>	<b>1,307,219,076.00</b>				<b>9,692,784,118.04</b>							<b>11,000,003,194.04</b>
<b>TOTAL</b>	<b>828,181,931.00</b>	<b>430,060,000.00</b>	<b>48,977,145.00</b>			<b>7,801,220,232.34</b>	<b>23,160,014.00</b>	<b>424,196,340.00</b>	<b>1,348,599,321.70</b>	<b>95,608,210.00</b>		
<b>REGION I</b>	<b>22,350,000.00</b>	<b>60,000,000.00</b>	<b>-</b>			<b>681,861,025.13</b>	<b>1,757,250.00</b>	<b>217,700,000.00</b>	<b>952,973.50</b>	<b>-</b>		<b>984,621,248.63</b>
Ilocos Norte		15,000,000.00			Rice	38,831,361.00						54,146,282.13
					Corn	314,921.13						
Ilocos Sur	3,350,000.00	45,000,000.00			Rice	5,584,500.00	730,000.00	65,000,000.00				122,044,840.00
					Corn	2,380,340.00						
La Union	15,000,000.00				Rice	65,790,703.00	800,750.00	79,700,000.00	952,973.50			162,339,189.50
					Corn	94,763.00						
Pangasinan	4,000,000.00				Rice	542,549,244.00	226,500.00	73,000,000.00				646,090,937.00
					Corn	26,315,193.00						
<b>REGION II</b>	<b>91,536,000.00</b>	<b>111,100,000.00</b>	<b>38,500,600.00</b>			<b>1,000,063,210.00</b>	<b>-</b>	<b>37,365,000.00</b>	<b>489,496,360.00</b>	<b>11,443,478.00</b>	<b>1,818,005,248.00</b>	
Cagayan	7,100,000.00	20,000,000.00			Rice	68,257,770.00		24,975,000.00	48,220,430.00	Fishpond	4,264,362.50	198,157,462.50
					Corn	25,339,900.00						
Isabela	2,136,000.00		Schools	2,116,200.00	Rice	537,329,770.00		1,400,000.00	62,321,250.00	Fishpond	4,578,175.50	749,952,155.50
					Corn	140,070,760.00						
Nueva Vizcaya	60,000,000.00	29,500,000.00	Schools	19,613,500.00	Rice	120,993,240.00		10,990,000.00	155,112,790.00		2,345,940.00	402,144,780.00
					Corn	3,589,310.00						
Quirino	22,300,000.00	61,600,000.00		16,770,900.00	Rice	55,836,470.00			223,841,890.00		255,000.00	429,250,250.00
					Corn	48,645,990.00						
<b>REGION III</b>	<b>542,960,000.00</b>	<b>218,960,000.00</b>	<b>-</b>			<b>6,015,240,836.21</b>	<b>21,402,764.00</b>	<b>105,507,000.00</b>	<b>838,369,110.00</b>	<b>68,272,450.00</b>	<b>7,810,712,160.21</b>	
Aurora	56,500,000.00				Rice	90,957,448.60	100,000.00	16,000,000.00	488,653,100.00		595,000.00	660,173,473.60
					Corn	7,367,925.00						
Bataan					Rice	261,573,443.00		11,000,000.00				272,780,153.00
					Corn	206,710.00						
Bulacan					Rice	861,509,672.77	421,450.00	15,000,000.00		11,844,973.00		888,913,585.77
					Corn	137,490.00						
Nueva Ecija	142,500,000.00				Rice	3,475,474,624.16	3,661,250.00	38,000,000.00	65,918,010.00		32,292,327.00	3,771,849,454.61
					Corn	14,003,243.45						
Pampanga					Rice	359,566,706.84	2,349,300.00	11,700,000.00		148,750.00		378,146,856.84
					Corn	4,382,100.00						
Tarlac	223,960,000.00	218,960,000.00			Rice	829,802,435.80	14,277,264.00	12,407,000.00	141,899,000.00		84,000.00	1,448,402,649.80
					Corn	7,012,950.00						
Zambales	120,000,000.00				Rice	103,183,288.59	593,500.00	1,400,000.00	141,899,000.00		23,307,400.00	390,445,986.59
					Corn	62,798.00						
<b>REGION IV-A</b>	<b>-</b>	<b>-</b>	<b>-</b>			<b>87,356,706.00</b>	<b>-</b>	<b>2,023,390.00</b>	<b>-</b>	<b>12,853,610.00</b>	<b>102,233,706.00</b>	
Cavite					Rice	2,632,824.00						2,632,824.00
Batangas										Fishcage, Tilapia, and Bangus	10,971,000.00	10,971,000.00
Laguna					Rice	38,004,860.00				Fishtraps	58,500.00	38,063,360.00
Rizal					Rice	13,718,864.00					195,110.00	13,913,974.00
Quezon					Rice	33,000,158.00		2,023,390.00		65,000 kgs of seaweed, 8 motorboats, and 25 units of baklad	1,629,000.00	36,652,548.00
<b>REGION IV-B</b>	<b>-</b>	<b>-</b>	<b>-</b>								<b>239,000.00</b>	<b>239,000.00</b>
Marinduque										banca gill net/fish traps	226,000.00	239,000.00
											13,000.00	

**Preparedness Measures and Effects of Typhoon "LANDO" (I.N. KOPPU)**  
**COST OF DAMAGES**  
**As of 03 November 2015, 6:00 AM**

Region/Province/ City/Municipality	INFRASTRUCTURE				AGRICULTURE						TOTAL COST (Infrastructure + Agriculture)	
	ROADS/BRIDGES	Flood Control	OTHER STRUCTURES		CROPS (Rice and Corn)		LIVESTOCKS	IRRIGATION	HVCC (Mango, Banana, Papaya, Vegetables)	FISHERIES		
			Type	Amount	Type of Crops / Livestocks	Estimated Peso Value	Estimated Peso Value	Estimated Peso Value		Type of Project/ Species		Estimated Peso Value
<b>REGION V</b>	<b>1,091,500.00</b>	<b>-</b>		<b>-</b>		<b>-</b>	<b>-</b>	<b>2,500,000.00</b>	<b>-</b>		<b>-</b>	<b>3,591,500.00</b>
Catanduanes	1,091,500.00							2,500,000.00				3,591,500.00
<b>REGION CAR</b>	<b>170,244,431.00</b>	<b>40,000,000.00</b>		<b>10,476,545.00</b>		<b>16,698,455.00</b>	<b>-</b>	<b>59,100,950.00</b>	<b>19,780,878.20</b>	<b>-</b>	<b>2,799,672.00</b>	<b>329,577,476.20</b>
Apayao	18,642,545.00				Rice	5,001,231.00			7,387,542.00	Fish cages and ponds	920,227.00	38,167,545.00
Abra	1,500,000.00				Corn	6,216,000.00				Fish cages and ponds	105,193.00	1,605,193.00
Benguet	38,941,500.00		Electric Cooperative	7,000,000.00				10,200,000.00	5,142,060.20	Fish cages and ponds	491,753.00	61,775,313.20
Baguio City	3,000,000.00									Fish cages and ponds		3,000,000.00
Ifugao	4,310,000.00		Electric Cooperative	3,476,545.00	Rice	583,100.00		7,900,950.00	292,395.00	Fish cages and ponds	959,311.00	17,548,301.00
					Corn	26,000.00						
Kalinga	62,920,000.00				Rice	863,940.00		27,000,000.00	2,682,548.00	Fish cages and ponds	302,088.00	97,520,376.00
					Corn	3,751,800.00						
Mt. Province	40,930,386.00	40,000,000.00			Rice	230,384.00		14,000,000.00	4,276,333.00	Fish cages and ponds	21,100.00	99,484,203.00
					Corn	26,000.00						

Note: All data are subject for futher validation by DPWH and DA

OCD I SitRep No. 23 as of 9:00 PM, 24 October 2015  
OCD II SitRep 24 as of 6:00 PM, 28 October 2015  
OCD III SitRep 22 as of 8:00 AM, 25 October 2015  
OCD IV-A SitRep 20 as of 4PM, 21 October 2015  
OCD V SitRep 7 as of 17 October 2015, 12:00 NN  
OCD CAR SitRep 16 as of 3:00 PM, 27 October 2015

DA Report as of 21 October 2015  
DPWH Report as of 24 October 2015, 12:00 NN  
NIA Report as of 23 October 2015, 3:00 PM



**Effects of TYPHOON "LANDO"**  
**DAMAGED HOUSES**  
As of 03 November 2015, 6:00 AM

REGION	Province/Municipality	DAMAGED HOUSES		
		TOTALLY	PARTIALLY	TOTAL
<b>GRAND TOTAL</b>		<b>18,795</b>	<b>118,885</b>	<b><u>137,680</u></b>
<b>Region</b>	<b>Sub-Total</b>	<b>11,742</b>	<b>62,176</b>	<b><u>73,918</u></b>
I	<b>Ilocos Norte</b>	<b>23</b>	<b>62</b>	<b><u>85</u></b>
	<i>Burgos</i>		14	<u>14</u>
	<i>Carasi</i>		20	<u>20</u>
	<i>Nueva Era</i>	22		<u>22</u>
	<i>Pagudpud</i>	1	28	<u>29</u>
	<b>Ilocos Sur</b>	<b>46</b>	<b>450</b>	<b><u>496</u></b>
	<i>Banayoyo</i>		30	<u>30</u>
	<i>Caoayan</i>	1	8	<u>9</u>
	<i>Galimuyod</i>		5	<u>5</u>
	<i>Nagbukel</i>		8	<u>8</u>
	<i>Narvacan</i>	21	238	<u>259</u>
	<i>Salcedo (Baugen)</i>	3	4	<u>7</u>
	<i>San Emilio</i>		1	<u>1</u>
	<i>San Esteban</i>		1	<u>1</u>
	<i>San Vicente</i>		4	<u>4</u>
	<i>Santa Catalina</i>	1	10	<u>11</u>
	<i>Santa Cruz</i>	9	27	<u>36</u>
	<i>Santa Maria</i>	11	10	<u>21</u>
	<i>Santiago</i>		23	<u>23</u>
	<i>Sigay</i>		5	<u>5</u>
	<i>Sugpon</i>		1	<u>1</u>
	<i>Tagudin</i>		75	<u>75</u>
	<b>La Union</b>	<b>423</b>	<b>8,527</b>	<b><u>8,950</u></b>
	<i>Agoo</i>	132	1,368	<u>1,500</u>
	<i>Aringay</i>	5	53	<u>58</u>
	<i>Bacnotan</i>	5	321	<u>326</u>
	<i>Bagulin</i>	15	287	<u>302</u>
	<i>Balaoan</i>		5	<u>5</u>
	<i>Bangar</i>		509	<u>509</u>
	<i>Bauang</i>	49	513	<u>562</u>
	<i>Burgos</i>	11	97	<u>108</u>
	<i>Caba</i>	54	505	<u>559</u>
	<i>Luna</i>	7	779	<u>786</u>
<i>Naguilian</i>	20	956	<u>976</u>	
<i>Pugo</i>	8	24	<u>32</u>	
<i>Rosario</i>	35	1,659	<u>1,694</u>	
<i>City of San Fernando</i>		90	<u>90</u>	
<i>San Gabriel</i>	1	1	<u>2</u>	
<i>San Juan</i>	10	346	<u>356</u>	
<i>Santo Tomas</i>	22	346	<u>368</u>	

**Effects of TYPHOON "LANDO"  
DAMAGED HOUSES  
As of 03 November 2015, 6:00 AM**

REGION	Province/Municipality	DAMAGED HOUSES		
		TOTALLY	PARTIALLY	TOTAL
I	<i>Sudipen</i>	8	18	<u>26</u>
	<i>Tubao</i>	41	650	<u>691</u>
	<b>Pangasinan</b>	<b>11,250</b>	<b>53,137</b>	<b><u>64,387</u></b>
	<i>Agno</i>	6	333	<u>339</u>
	<i>Aguilar</i>	96	1,073	<u>1,169</u>
	<i>City of Alaminos</i>	1,277	8,770	<u>10,047</u>
	<i>Alcala</i>	69	1,922	<u>1,991</u>
	<i>Anda</i>	367	2,938	<u>3,305</u>
	<i>Asingan</i>	6	62	<u>68</u>
	<i>Balungao</i>	5	254	<u>259</u>
	<i>Bani</i>	333	4,098	<u>4,431</u>
	<i>Basista</i>	88	938	<u>1,026</u>
	<i>Bayambang</i>	74	1,237	<u>1,311</u>
	<i>Binalonan</i>	1	35	<u>36</u>
	<i>Binmaley</i>	9	23	<u>32</u>
	<i>Bolinao</i>	525	6,788	<u>7,313</u>
	<i>Burgos</i>	61	455	<u>516</u>
	<i>Calasiao</i>	57	1,799	<u>1,856</u>
	<i>Dagupan City</i>	338	2,164	<u>2,502</u>
	<i>Laoac</i>	15	194	<u>209</u>
	<i>Lingayen</i>	488	2,066	<u>2,554</u>
	<i>Mabini</i>	1,609	830	<u>2,439</u>
	<i>Manaoag</i>	129	1,536	<u>1,665</u>
	<i>Mangaldan</i>	3,750	5,350	<u>9,100</u>
	<i>Mangatarem</i>	127	548	<u>675</u>
	<i>Mapandan</i>	5	161	<u>166</u>
	<i>Pozzorubio</i>	11	65	<u>76</u>
	<i>San Carlos City</i>	565	1,973	<u>2,538</u>
	<i>San Jacinto</i>	43	141	<u>184</u>
	<i>San Manuel</i>	5	30	<u>35</u>
	<i>San Quintin</i>		2	<u>2</u>
<i>Santa Barbara</i>	273	1,338	<u>1,611</u>	
<i>Sison</i>	22	1,046	<u>1,068</u>	
<i>Sual</i>	322	3,000	<u>3,322</u>	
<i>Tayug</i>		4	<u>4</u>	
<i>Urbiztondo</i>	466	1,554	<u>2,020</u>	
<i>City of Urdaneta</i>	58	114	<u>172</u>	
<i>Villasis</i>	50	296	<u>346</u>	
<b>Region</b>	<b>Sub-Total</b>	<b>1,317</b>	<b>12,104</b>	<b><u>13,421</u></b>
II	<b>Batanes</b>		<b>374</b>	<b><u>374</u></b>
	<i>Uyugan</i>		374	<u>374</u>
	<b>Cagayan</b>	<b>4</b>	<b>24</b>	<b><u>28</u></b>
	<i>Lal-lo</i>	1		<u>1</u>
	<i>Lasam</i>	1	6	<u>7</u>
	<i>Rizal</i>	2	18	<u>20</u>

**Effects of TYPHOON "LANDO"**  
**DAMAGED HOUSES**  
As of 03 November 2015, 6:00 AM

REGION	Province/Municipality	DAMAGED HOUSES			
		TOTALLY	PARTIALLY	TOTAL	
<b>II</b>	<b>Isabela</b>	<b>620</b>	<b>899</b>	<b><u>1,519</u></b>	
	<i>Alicia</i>	3	39	<u>42</u>	
	<i>Angadanan</i>	4	4	<u>8</u>	
	<i>Cabagan</i>	4	16	<u>20</u>	
	<i>City of Cauayan</i>	3	101	<u>104</u>	
	<i>Dinapigue</i>	32	308	<u>340</u>	
	<i>Jones</i>	5	82	<u>87</u>	
	<i>Ramon</i>	3	4	<u>7</u>	
	<i>San Agustin</i>	561	25	<u>586</u>	
	<i>San Guillermo</i>		54	<u>54</u>	
	<i>San Isidro</i>	2	107	<u>109</u>	
	<i>City of Santiago</i>	3	159	<u>162</u>	
	<b>Nueva Vizcaya</b>	<b>126</b>	<b>1,427</b>	<b><u>1,553</u></b>	
	<i>Alfonso Castañeda</i>	1	64	<u>65</u>	
	<i>Ambaguio</i>	2	50	<u>52</u>	
	<i>Aritao</i>		173	<u>173</u>	
	<i>Bagabag</i>	22	3	<u>25</u>	
	<i>Bambang</i>	1	22	<u>23</u>	
	<i>Bayombong</i>	1	28	<u>29</u>	
	<i>Diadi</i>	2	17	<u>19</u>	
	<i>Dupax del Sur</i>	3	16	<u>19</u>	
	<i>Kasibu</i>	47	256	<u>303</u>	
	<i>Kayapa</i>	23	154	<u>177</u>	
	<i>Santa Fe</i>	22	639	<u>661</u>	
	<i>Solano</i>	2	5	<u>7</u>	
	<b>Quirino</b>	<b>567</b>	<b>9,380</b>	<b><u>9,947</u></b>	
	<i>Aglipay</i>	54	1,581	<u>1,635</u>	
	<i>Cabarroguis</i>	24	402	<u>426</u>	
	<i>Diffun</i>	4	11	<u>15</u>	
	<i>Maddela</i>	292	5,064	<u>5,356</u>	
	<i>Nagtipunan</i>	186	1,738	<u>1,924</u>	
	<i>Saguday</i>	7	584	<u>591</u>	
	<b>Region</b>	<b>Sub-Total</b>	<b>4,281</b>	<b>39,608</b>	<b><u>43,889</u></b>
	<b>III</b>	<b>Aurora</b>	<b>2,695</b>	<b>20,296</b>	<b><u>22,991</u></b>
		<i>Baler (capital)</i>	362	4,624	<u>4,986</u>
		<i>Casiguran</i>	863	4,186	<u>5,049</u>
		<i>Dilasag</i>	358	2,410	<u>2,768</u>
		<i>Dinalungan</i>	134	1,057	<u>1,191</u>
		<i>Dingalan</i>	201	1,939	<u>2,140</u>
		<i>Dipaculao</i>	116	1,814	<u>1,930</u>
<i>Maria Aurora</i>		108	1,776	<u>1,884</u>	
<i>San Luis</i>		553	2,490	<u>3,043</u>	
<b>Bataan</b>		<b>20</b>	<b>11</b>	<b><u>31</u></b>	
<i>Dinalupihan</i>		18		<u>18</u>	
<i>Limay</i>		2	10	<u>12</u>	

**Effects of TYPHOON "LANDO"**  
**DAMAGED HOUSES**  
As of 03 November 2015, 6:00 AM

REGION	Province/Municipality	DAMAGED HOUSES		
		TOTALLY	PARTIALLY	TOTAL
III	<i>Mariveles</i>		1	<u>1</u>
	<b>Bulacan</b>	<b>3</b>	<b>112</b>	<b><u>115</u></b>
	<i>Norzagaray</i>	3	45	<u>48</u>
	<i>Paombong</i>		36	<u>36</u>
	<i>Calumpit</i>		30	<u>30</u>
	<i>San Miguel</i>		1	<u>1</u>
	<b>Nueva Ecija</b>	<b>987</b>	<b>11,548</b>	<b><u>12,535</u></b>
	<i>Aliaga</i>	9	455	<u>464</u>
	<i>Cabiao</i>		18	<u>18</u>
	<i>Cuyapo</i>	9	169	<u>178</u>
	<i>Gabaldon (Bitulok &amp; Sabani)</i>	175	320	<u>495</u>
	<i>Gen. Mamerto Natividad</i>	118	864	<u>982</u>
	<i>Licab</i>	40	2,440	<u>2,480</u>
	<i>Palayan City (capital)</i>	111	898	<u>1,009</u>
	<i>Quezon</i>	23	387	<u>410</u>
	<i>Rizal</i>	104	2,108	<u>2,212</u>
	<i>San Isidro</i>	4	12	<u>16</u>
	<i>Talavera</i>	167	2,710	<u>2,877</u>
	<i>Talugtug</i>	73	315	<u>388</u>
	<i>Zaragoza</i>	1	257	<u>258</u>
	<i>General Tinio (Papaya)</i>	60	23	<u>83</u>
	<i>Pantabangan</i>		43	<u>43</u>
	<i>San Antonio</i>	15	22	<u>37</u>
	<i>Santa Rosa</i>	2	12	<u>14</u>
	<i>Science City of Muñoz</i>	76	495	<u>571</u>
	<b>Pampanga</b>	<b>48</b>	<b>463</b>	<b><u>511</u></b>
	<i>Angeles City</i>	28		<u>28</u>
	<i>Arayat</i>	4	368	<u>372</u>
	<i>Candaba</i>	4	22	<u>26</u>
	<i>Floridablanca</i>	2	44	<u>46</u>
	<i>Macabebe</i>	10	29	<u>39</u>
	<b>Tarlac</b>	<b>482</b>	<b>6,304</b>	<b><u>6,786</u></b>
	<i>Anao</i>	5	149	<u>154</u>
	<i>Bamban</i>	180	280	<u>460</u>
	<i>Camiling</i>	55	312	<u>367</u>
	<i>Capas</i>	47	279	<u>326</u>
	<i>Concepcion</i>	4	22	<u>26</u>
	<i>Gerona</i>	11	334	<u>345</u>
	<i>La Paz</i>	3	40	<u>43</u>
	<i>Mayantoc</i>	38	139	<u>177</u>
	<i>Moncada</i>	40	178	<u>218</u>
<i>Paniqui</i>	2	7	<u>9</u>	
<i>Pura</i>	4	286	<u>290</u>	
<i>Ramos</i>	16	182	<u>198</u>	
<i>San Clemente</i>	65	163	<u>228</u>	

**Effects of TYPHOON "LANDO"**  
**DAMAGED HOUSES**  
As of 03 November 2015, 6:00 AM

REGION	Province/Municipality	DAMAGED HOUSES		
		TOTALLY	PARTIALLY	TOTAL
III	<i>San Manuel</i>	3	401	<u>404</u>
	<i>Victoria</i>	7	3,527	<u>3,534</u>
	<i>City of Tarlac (Capital)</i>		3	<u>3</u>
	<i>Santa Ignacia</i>	2	2	<u>4</u>
	<b>Zambales</b>	<b>46</b>	<b>874</b>	<b><u>920</u></b>
	<i>Botolan</i>	2	30	<u>32</u>
	<i>Candelaria</i>		3	<u>3</u>
	<i>Castillejos</i>	1	1	<u>2</u>
	<i>Olongapo City</i>	13		<u>13</u>
	<i>Santa Cruz</i>	30	840	<u>870</u>
<b>Region</b>	<b>Sub-Total</b>	<b>1,255</b>	<b>2,900</b>	<b>4,155</b>
IV-A	<b>Quezon</b>	<b>1,255</b>	<b>2,900</b>	<b>4,155</b>
	<i>General Nakar</i>	966	60	<u>1,026</u>
	<i>Infanta</i>	289	2,840	<u>3,129</u>
<b>Region</b>	<b>Sub-Total</b>	<b>200</b>	<b>2,097</b>	<b>2,297</b>
CAR	<b>Abra</b>	<b>1</b>	<b>13</b>	<b><u>14</u></b>
	<i>Lagangilang</i>	1	1	<u>2</u>
	<i>Villaviciosa</i>		12	<u>12</u>
	<b>Apayao</b>	<b>10</b>	<b>152</b>	<b><u>162</u></b>
	<i>Conner</i>	1	92	<u>93</u>
	<i>Flora</i>		16	<u>16</u>
	<i>Kabugao (capital)</i>		28	<u>28</u>
	<i>Luna</i>	4		<u>4</u>
	<i>Santa Marcela</i>	5	16	<u>21</u>
	<b>Benguet</b>	<b>127</b>	<b>862</b>	<b><u>989</u></b>
	<i>Baguio City</i>	40	346	<u>386</u>
	<i>Bakun</i>	3	7	<u>10</u>
	<i>Buguias</i>		9	<u>9</u>
	<i>Itogon</i>	70	225	<u>295</u>
	<i>Kapangan</i>	10	132	<u>142</u>
	<i>La Trinidad (capital)</i>	1		<u>1</u>
	<i>Mankayan</i>		50	<u>50</u>
	<i>Sablan</i>	2	28	<u>30</u>
	<i>Tuba</i>	1	60	<u>61</u>
	<i>Tublay</i>		5	<u>5</u>
	<b>Ifugao</b>	<b>43</b>	<b>499</b>	<b><u>542</u></b>
	<i>Aguinaldo</i>	2	10	<u>12</u>
	<i>Alfonso Lista (Potia)</i>	3	45	<u>48</u>
	<i>Asipulo</i>		11	<u>11</u>
	<i>Banaue</i>	4	65	<u>69</u>
	<i>Hungduan</i>	18	238	<u>256</u>
	<i>Mayoyao</i>	3	23	<u>26</u>
	<i>Tinoc</i>	13	107	<u>120</u>
	<b>Kalinga</b>	<b>17</b>	<b>481</b>	<b><u>498</u></b>
	<i>Balbalan</i>	11	29	<u>40</u>



**Effects of TYPHOON "LANDO"**  
**DAMAGED HOUSES**  
As of 03 November 2015, 6:00 AM

REGION	Province/Municipality	DAMAGED HOUSES		
		TOTALLY	PARTIALLY	TOTAL
<b>CAR</b>	<i>Lubuagan</i>	1	402	<u>403</u>
	<i>Pasil</i>	2	19	<u>21</u>
	<i>Pinukpuk</i>	1	4	<u>5</u>
	<i>Tinglayan</i>		16	<u>16</u>
	<i>City of Tabuk (capital)</i>	2	11	<u>13</u>
	<b>Mountain Province</b>	<b>2</b>	<b>90</b>	<b><u>92</u></b>
	<i>Natonin</i>	2	76	<u>78</u>
	<i>Paracelis</i>		5	<u>5</u>
	<i>Sadanga</i>		4	<u>4</u>
	<i>Bauko</i>		5	<u>5</u>

## EFFECTS of TYPHOON "LANDO" (KOPPU)

Cost of Assistance

As of 03 November 2015, 6:00 AM

Region/Province/Mun/City	DSWD	LGUs	NGOs and Other GOs	TOTAL (PhP)
<b>GRAND TOTAL</b>	<b>82,493,474.56</b>	<b>40,027,628.24</b>	<b>328,600.00</b>	<b>122,849,702.80</b>
<b>Region I</b>	<b>18,841,786.80</b>	<b>12,607,677.50</b>	<b>18,300.00</b>	<b>31,467,764.30</b>
<b>Ilocos Norte</b>	<b>88,125.00</b>	<b>96,935.00</b>		<b>185,060.00</b>
Adams	88,125.00	20,000.00		108,125.00
Burgos		630.00		630.00
Pagudpud		1,305.00		1,305.00
Solsona		75,000.00		75,000.00
<b>Ilocos Sur</b>	<b>-</b>	<b>61,655.00</b>	<b>-</b>	<b>61,655.00</b>
Burgos		25,000.00		25,000.00
Caoayan		25,000.00		25,000.00
Lidlidda		11,655.00		11,655.00
<b>La Union</b>	<b>3,031,500.00</b>	<b>2,301,290.50</b>	<b>-</b>	<b>5,332,790.50</b>
Agoo	176,250.00	54,340.00		230,590.00
Aringay		6,435.00		6,435.00
Bacnotan	105,750.00	62,660.00		168,410.00
Bagulin	52,875.00	35,895.50		88,770.50
Balaoan	141,000.00	83,564.50		224,564.50
Bangar	1,110,375.00	211,150.00		1,321,525.00
Bauang	176,250.00	54,307.50		230,557.50
Burgos		69,453.00		69,453.00
Caba	564,000.00	124,460.00		688,460.00
Luna	352,500.00	72,500.00		425,000.00
Naguilian		13,635.00		13,635.00
Pugo		142,575.00		142,575.00
Rosario	176,250.00	377,367.00		553,617.00
City of San Fernando		264,280.00		264,280.00
San Gabriel		211,150.00		211,150.00
San Juan		7,763.00		7,763.00
Santo Tomas	176,250.00	310,565.00		486,815.00
Supiden		72,500.00		72,500.00
Tubao		126,690.00		126,690.00
<b>Pangasinan</b>	<b>15,722,161.80</b>	<b>10,147,797.00</b>	<b>18,300.00</b>	<b>25,888,258.80</b>
Agno		247,590.00		247,590.00
Aguilar	754,350.00	62,010.00		816,360.00
City of Alaminos	2,494,500.00	461,115.00		2,955,615.00
Alcala	352,500.00	107,325.00		459,825.00
Anda		125,325.00		125,325.00
Asingan	528,750.00	529,800.00		1,058,550.00
Balungao	176,250.00	45,000.00		221,250.00
Bani	705,000.00	474,750.00		1,179,750.00
Basista		47,250.00		47,250.00
Bayambang		92,790.00		92,790.00
Binalonan		179,100.00		179,100.00
Binmaley		945.00		945.00
Bolinao	705,000.00	356,670.00		1,061,670.00
Bugallon	392,500.00	369,855.00		762,355.00
Burgos		40,545.00		40,545.00
Calasiao	834,138.00			834,138.00
Dagupan City	375,085.50	1,580,985.00		1,956,070.50
Dasol		1,170.00		1,170.00
Infanta	352,500.00	51,075.00		403,575.00
Laoac		185,881.00		185,881.00
Lingayen		776,520.00		776,520.00
Mabini	689,100.00	310,860.00		999,960.00
Manaoag		8,000.00		8,000.00
Mangatarem	1,536,715.00	578,070.00		2,114,785.00
Mapandan		578,070.00		578,070.00
Pozzorubio		10,755.00		10,755.00

Region/Province/Mun/City	DSWD	LGUs	NGOs and Other GOs	TOTAL (PhP)
Rosales	309,495.00	191,550.00		501,045.00
San Fabian	184,270.80	22,635.00		206,905.80
San Manuel	19,387.50	23,760.00		43,147.50
San Nicolas		46,575.00		46,575.00
San Quintin	176,250.00	230,050.00		406,300.00
Santa Barbara	1,102,620.00	456,300.00	18,300.00	1,577,220.00
Sison		75,156.00		75,156.00
Sual	1,057,500.00	400,500.00		1,458,000.00
Tayug	528,750.00	938,150.00		1,466,900.00
Urbiztondo	1,803,000.00	226,665.00		2,029,665.00
City of Urdaneta	644,500.00	230,000.00		874,500.00
Villasis		85,000.00		85,000.00
<b>Region II</b>	<b>9,216,550.00</b>	<b>1,120,219.00</b>	<b>22,500.00</b>	<b>10,359,269.00</b>
<b>Cagayan</b>	<b>2,940,000.00</b>	<b>-</b>	<b>-</b>	<b>2,940,000.00</b>
Abulug	105,000.00			105,000.00
Alcala	175,000.00			175,000.00
Amulung	175,000.00			175,000.00
Aparri	105,000.00			105,000.00
Baggao	105,000.00			105,000.00
Ballesteros	105,000.00			105,000.00
Buguey	105,000.00			105,000.00
Camalaniugan	105,000.00			105,000.00
Enrile	105,000.00			105,000.00
Gattaran	105,000.00			105,000.00
Gonzaga	105,000.00			105,000.00
Iguig	105,000.00			105,000.00
Lal-lo	105,000.00			105,000.00
Lasam	105,000.00			105,000.00
Pamplona	70,000.00			70,000.00
Peñablanca	105,000.00			105,000.00
Piat	105,000.00			105,000.00
Rizal	105,000.00			105,000.00
Sanchez-Mira	105,000.00			105,000.00
Santa Praxedes	175,000.00			175,000.00
Santa Teresita	105,000.00			105,000.00
Santo Niño (Faire)	175,000.00			175,000.00
Solana	175,000.00			175,000.00
Tuao	105,000.00			105,000.00
Tuguegarao City	105,000.00			105,000.00
<b>Isabela</b>	<b>2,864,050.00</b>	<b>84,000.00</b>		<b>2,948,050.00</b>
Alicia	105,000.00			105,000.00
Angadanan	105,000.00			105,000.00
Aurora	105,000.00			105,000.00
Benito Soliven	105,000.00	72,450.00		177,450.00
Cabagan	105,000.00			105,000.00
City of Cauayan	105,000.00			105,000.00
Delfin Albano	140,000.00			140,000.00
Dinapigue	175,000.00	1,750.00		176,750.00
Divilacan	23,100.00			23,100.00
Gamu	105,000.00			105,000.00
Ilagan	420,000.00			420,000.00
Jones	105,000.00			105,000.00
Maconacon	23,450.00	3,150.00		26,600.00
Palanan	17,500.00	6,650.00		24,150.00
Ramon	105,000.00			105,000.00
Reina Mercedes	105,000.00			105,000.00
Roxas	105,000.00			105,000.00
San Agustin	105,000.00			105,000.00
San Guillermo	105,000.00			105,000.00
San Isidro	105,000.00			105,000.00
San Mariano	105,000.00			105,000.00
Santa Maria	105,000.00			105,000.00
City of Santiago	105,000.00			105,000.00
Santo Tomas	175,000.00			175,000.00
Tumauini	105,000.00			105,000.00
<b>NuevaVizcaya</b>	<b>2,380,000.00</b>	<b>1,036,219.00</b>	<b>22,500.00</b>	<b>3,438,719.00</b>

Region/Province/Mun/City	DSWD	LGUs	NGOs and Other GOs	TOTAL (PhP)
PSWDO Nueva Vizcaya	105,000.00			105,000.00
Alfonso Castañeda	350,000.00			350,000.00
Ambaguio	105,000.00			105,000.00
Aritao	105,000.00			105,000.00
Bagabag	210,000.00			210,000.00
Bambang	210,000.00	337,000.00		547,000.00
Bayombong	105,000.00			105,000.00
Diadi	105,000.00			105,000.00
Dupax del Norte	105,000.00	274,219.00		379,219.00
Dupax del Sur	245,000.00	22,500.00		267,500.00
Kasibu	175,000.00	30,000.00		205,000.00
Kayapa	105,000.00			105,000.00
Quezon	105,000.00			105,000.00
Santa Fe	140,000.00			140,000.00
Solano	105,000.00	372,500.00	22,500.00	500,000.00
Villaverde	105,000.00			105,000.00
<b>Quirino</b>	<b>1,032,500.00</b>	<b>-</b>	<b>-</b>	<b>1,032,500.00</b>
Aglipay	157,500.00			157,500.00
Cobarroguis	157,500.00			157,500.00
Diffun	175,000.00			175,000.00
Maddela	227,500.00			227,500.00
Nagtipunan	157,500.00			157,500.00
Saguday	157,500.00			157,500.00
<b>Region III</b>	<b>49,745,483.80</b>	<b>25,517,086.74</b>	<b>287,800.00</b>	<b>75,550,370.54</b>
<b>Aurora</b>	<b>3,213,214.52</b>	<b>2,553,027.00</b>	<b>250,000.00</b>	<b>6,016,241.52</b>
Baler	163,720.00	320,406.00		484,126.00
Casiguran	674,904.52	40,560.00		715,464.52
Dilasag	223,890.00			223,890.00
Dinalungan	496,700.00			496,700.00
Dingalan	1,117,120.00	568,750.00		1,685,870.00
Dipaculao	140,000.00	288,649.00	250,000.00	678,649.00
Maria Aurora		332,540.00		332,540.00
San Luis	396,880.00	1,002,122.00		1,399,002.00
<b>Bataan</b>	<b>-</b>	<b>44,200.00</b>	<b>-</b>	<b>44,200.00</b>
Orion		44,200.00		44,200.00
<b>Bulacan</b>	<b>14,369,822.76</b>	<b>882,670.00</b>	<b>-</b>	<b>15,252,492.76</b>
1st District c/o Cong. Alvarado	887,912.00			887,912.00
1st District c/o Cong. Bitson	98,232.00			98,232.00
3rd District c/o Cong. Mendoza	1,964,640.00			1,964,640.00
3rd District c/o Vice Mayor	1,800,000.00			1,800,000.00
3rd District c/o Mayor Tiongson	867,440.00			867,440.00
Citizens Battles Against Corruption	196,464.00			196,464.00
Baliuag		524,650.00		524,650.00
Calumpit	2,065,904.76			2,065,904.76
Hagonoy	855,830.00			855,830.00
Norzagaray		62,500.00		62,500.00
Obando		30,000.00		30,000.00
Pulilan	298,520.00			298,520.00
San Ildefonso		235,520.00		235,520.00
San Miguel	2,667,440.00			2,667,440.00
San Rafael	2,667,440.00			2,667,440.00
Santa Maria		30,000.00		30,000.00
<b>Nueva Ecija</b>	<b>22,238,725.90</b>	<b>1,738,522.00</b>	<b>-</b>	<b>23,977,247.90</b>
c/o Gov. Umali	2,958,310.00			2,958,310.00
1st District c/o Cong. Suansing	982,320.00			982,320.00
National Commision of Muslims	327,440.00			327,440.00
3rd District c/o Cong. Umali	597,040.00			597,040.00
4th District c/o Cong. Antonino	3,924,540.00			3,924,540.00
Aliaga		143,753.00		143,753.00
Bongabon	850,685.00			850,685.00
Cabanatuan City	2,535,382.74			2,535,382.74
Cabiao	635,520.00			635,520.00
Carranglan	982,320.00			982,320.00
City of Gapan	654,880.00	18,750.00		673,630.00
Cuyapo	451,320.00			451,320.00
Gabaldon (Bitulok & Sabani)	1,252,175.00	30,580.00		1,282,755.00

Region/Province/Mun/City	DSWD	LGUs	NGOs and Other GOs	TOTAL (PhP)
Jaen	982,320.00			982,320.00
Licab	31,344.60			31,344.60
Nampicuan		195,500.00		195,500.00
Palayan City	491,160.00	226,814.00		717,974.00
Peñaranda	46,823.92			46,823.92
Quezon	676,844.00	195,500.00		872,344.00
Rizal	118,205.84			118,205.84
San Antonio		350,000.00		350,000.00
San Isidro	298,520.00			298,520.00
San Leonardo	751,474.80	275,000.00		1,026,474.80
Santa Rosa	447,780.00	150,000.00		597,780.00
Santo Domingo		1,250.00		1,250.00
Talavera	1,587,440.00	136,250.00		1,723,690.00
Zaragoza	654,880.00	15,125.00		670,005.00
<b>Pampanga</b>	<b>6,081,733.98</b>	<b>12,753,673.89</b>	<b>-</b>	<b>18,835,407.87</b>
Angeles City	14,514.50	33,095.50		47,610.00
Apalit		2,143,500.00		2,143,500.00
Arayat	327,440.00	1,504,844.92		1,832,284.92
Candaba	3,024,490.88	1,715,907.11		4,740,397.99
Macabebe	300,880.00	1,558,156.00		1,859,036.00
Masantol	731,698.00	1,558,156.00		2,289,854.00
San Luis	1,355,270.60	1,855,270.60		3,210,541.20
San Simon	327,440.00	2,384,743.76		2,712,183.76
<b>Tarlac</b>	<b>3,618,096.64</b>	<b>7,194,993.85</b>	<b>-</b>	<b>10,813,090.49</b>
Anao		91,616.00		91,616.00
Bamban		99,000.00		99,000.00
Camiling	59,606.04	44,322.00		103,928.04
Capas	505,500.00	400,000.00		905,500.00
Concepcion	1,051,461.60	1,110,805.00		2,162,266.60
Gerona		220,340.20		220,340.20
La Paz	1,020,880.00	368,394.00		1,389,274.00
Mayantoc	456,745.00	456,745.00		913,490.00
Moncada		183,232.00		183,232.00
Paniqui	523,904.00	1,692,996.50		2,216,900.50
Pura		6,326.00		6,326.00
Ramos		370,000.00		370,000.00
San Clemente		158,085.00		158,085.00
San Manuel		46,830.00		46,830.00
Santa Ignacia		1,250.00		1,250.00
Victoria		377,380.80		377,380.80
City of Tarlac		1,567,671.35		1,567,671.35
<b>Zambales</b>	<b>223,890.00</b>	<b>350,000.00</b>	<b>37,800.00</b>	<b>611,690.00</b>
Iba	223,890.00			223,890.00
Olongapo City			37,800.00	37,800.00
San Antonio		350,000.00		350,000.00
<b>Region IV-A</b>	<b>1,721,120.46</b>	<b>-</b>	<b>-</b>	<b>1,721,120.46</b>
<b>Quezon</b>	<b>1,445,370.46</b>	<b>-</b>	<b>-</b>	<b>1,445,370.46</b>
General Nakar	631,370.46			631,370.46
Infanta	376,500.00			376,500.00
Perez	187,500.00			187,500.00
Polilio	250,000.00			250,000.00
<b>Rizal</b>	<b>275,750.00</b>	<b>-</b>	<b>-</b>	<b>275,750.00</b>
Jala-jala	87,500.00			87,500.00
Pililla	188,250.00			188,250.00
<b>Region V</b>	<b>-</b>	<b>185,270.00</b>	<b>-</b>	<b>185,270.00</b>
<b>Albay</b>	<b>-</b>	<b>185,270.00</b>	<b>-</b>	<b>185,270.00</b>
City of Tabaco		185,270.00		185,270.00
<b>NCR</b>	<b>611,000.00</b>	<b>-</b>	<b>-</b>	<b>611,000.00</b>
Marikina City	235,000.00			235,000.00
Quezon City	376,000.00			376,000.00
<b>CAR</b>	<b>2,357,533.50</b>	<b>597,375.00</b>	<b>-</b>	<b>2,954,908.50</b>
<b>Abra</b>	<b>407,341.00</b>	<b>3,000.00</b>	<b>-</b>	<b>410,341.00</b>
Lagangilang	158,916.00			158,916.00
Licuan-Baay (Licuan)	40,375.00			40,375.00
Villaviciosa	208,050.00	3,000.00		211,050.00



Region/Province/Mun/City	DSWD	LGUs	NGOs and Other GOs	TOTAL (PhP)
<b>Apayao</b>	<b>366,936.50</b>	<b>15,400.00</b>	<b>-</b>	<b>382,336.50</b>
Conner	185,342.50			185,342.50
Flora		15,000.00		15,000.00
Kabugao	45,398.50			45,398.50
Pudtol	99,960.00	400.00		100,360.00
Santa Marcela	36,235.50			36,235.50
<b>Benguet</b>	<b>997,987.90</b>	<b>108,570.00</b>	<b>-</b>	<b>1,106,557.90</b>
Baguio City	355,708.00	105,570.00		461,278.00
Bakun	166,440.00			166,440.00
Buguias	7,200.00			7,200.00
Itogon	342,318.40			342,318.40
Tuba	84,154.00	3,000.00		87,154.00
Tublay	42,167.50			42,167.50
<b>Kalinga</b>	<b>585,268.10</b>	<b>347,280.00</b>	<b>-</b>	<b>932,548.10</b>
Lubuagan	220,949.10	52,000.00		272,949.10
Pasil		50,000.00		50,000.00
Pinukpuk		20,000.00		20,000.00
Rizal (Liwan)	181,359.00	35,000.00		216,359.00
City of Tabuk	182,960.00	190,280.00		373,240.00
<b>Ifugao</b>	<b>-</b>	<b>123,125.00</b>	<b>-</b>	<b>123,125.00</b>
Mayoyao		6,125.00		6,125.00
Tinoc		117,000.00		117,000.00

**Preparedness Measures and Effects of TY “LANDO”****DISASTER PREPAREDNESS****03 November 2015, 6:00 AM****A. NATIONAL / NDRRMC****1. NDRRMC Operations Center (NDRRMOC)**

- a. Alert Status of the NDRRM Operations Center is raised to Red Alert effective 12:00 NN, 16 October 2015, to continuously monitor the situation and ensure dissemination of Weather Advisories, Severe Weather Bulletins, 24-hour Public Weather Forecasts, Gale Warnings, 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 level.
- b. Follow-up Pre-Disaster Risk Assessment (PDRA) and Response Coordination Meetings were conducted on 14, 15, 16 October 2015, 11:00 AM, 17, 18, and 19 October 2015, 8:00 AM at the NDRRMC Conference Room, Camp General Aguinaldo, Quezon City.
- c. Directed OCD Regional Centers I, II, III, IV-A, IV-B, V, VI, NCR, and CAR to conduct PDRA Meeting and raise respective alert levels corresponding to the forecast situation in their respective AORs to ensure the execution of preparedness actions and coordination with concerned agencies.
- d. Issued and disseminated a memorandum to PAGASA, AFP, PNP, PCG, BFP and DOST-Project NOAH requiring the agencies to send their Detailed Duty Officers (DDOs) to render duty at the NDRRMOC to ensure continuous coordination and to assist in facilitating the submission of consolidated preparedness measures of their respective agencies.
- e. President Benigno S. Aquino III presided over the NDRRMC meeting on TY LANDO pre-disaster preparations at the President's Hall in Malacañang Palace on Friday, 16 October 2015. A press conference was held for the President to address the nation and enjoined everyone to prepare.
- f. Issued NDRRMC Memorandum re Presidential Directive on Rendering of Duty of concerned NDRRMC member-agencies at the NDRRMOC dated 17 October 2015.
- g. Media Briefings were conducted on 15, 16, 17, 18, 19, 20, and 21 October 2015 at the NDRRM Operations Center / OCD Administrative Building.
- h. Skype briefings with RDRRMCs I, II, III, IV-A, and CAR were conducted on 17 October 2015 at the NDRRM Operations Center.
- i. Directed RDRRMCs X, VII, XI, and CARAGA to make necessary preparations and make available their resources for possible augmentation and/or deployment to the identified twinning RDRRMCs (I, II, and III), per memorandum dated 17 October 2015.

**2. Office of Civil Defense – Central Office (OCD-CO)**

- a. Placed satellite phone systems at OCD-CO and Regional Offices I, II, III, IV-A, IV-B, V, and CAR on standby.

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

- a. Continuously monitors the situation and issued and disseminated the following advisories:
  - 24-hour Public Weather Forecast

- General Flood Advisories
- Flood Bulletins
- Magat, San Roque, Binga, and Ambuklao Dams Flood Forecasting and Warning System (FFWS) Flood Warnings
- San Roque Dam Discharge Warning No. 2 at 6:45 PM, 19 October 2015.
- Weather Advisories:
  - No. 1 on 12 October 2015
  - No. 2 on 13 October 2015
  - No. 3 on 14 October 2015
- Severe Weather Bulletins:
  - No. 1 and 2 on 14 October 2015
  - No. 3 and 4 on 15 October 2015
  - No. 5, 6, 7, and 8 on 16 October 2015
  - No. 9, 10, 11, and 12 on 17 October 2015
  - No. 13, 14, 15, and 16 on 18 October 2015
  - No. 17, 18, 19, and 20 on 19 October 2015
  - No. 21, 22, 23, and 24 on 20 October 2015
  - No. 25, 26 and 27 (FINAL) on 21 October 2015
- Gale Warnings
  - No. 9 and 10 on 15 October 2015
  - No. 11 and 12 on 16 October 2015
  - No. 13 and 14 on 17 October 2015
  - No. 15 and 16 on 18 October 2015
  - No. 17 and 18 on 19 October 2015
  - No. 19 and 20 on 20 October 2015
  - No. 21 and 22 on 21 October 2015
  - No. 23 and 24 on 22 October 2015
  - No. 25 and 26 (FINAL) on 23 October 2015

b. Issued press release on 17 October 2015 regarding the threat posed by Typhoon “Lando” to coastal areas of Luzon and advising residents not to venture out into the sea, and for disaster managers to cancel all coastal and sea activities in areas under Public Storm Warning Signals and Gale Warning.

#### **4. Department of Science and Technology (DOST)**

##### **DOST II**

- a. Continuously monitors the Automatic Rain Gauges (ARGs), Water Level Monitoring Stations (WLMS), and Automatic Weather Stations (AWSs) in the region.
- b. Disseminated weather bulletins to LGUs and concerned institutions utilizing website and social media.

##### **DOST IV-A**

- a. Utilized Project HANDA text blast system to disseminate weather advisories to RDRRMC IV-A member agencies, LCEs, and LDRRMOs.
- b. Closely monitors the early warning system within their AOR.

#### **5. Department of Interior and Local Government (DILG)**

- a. Convened the LDRRMCs in the Provinces of Abra, Apayao, Aurora, Benguet, Cagayan, Ifugao, Ilocos Norte, Ilocos Sur, Isabela, Kalinga, La Union, Mt. Province, Nueva Ecija, Nueva Vizcaya, Pangasinan, Quirino, and Batanes.

##### **DILG I**

- a. Issued “No Fishing, Sailing, and Boating Policy” in the Municipalities of Lingayen and Agno, Pangasinan.

- b. Activated the Pangasinan DILG Provincial Office Disaster Monitoring System - Provincial Order No. 2015-38
- c. All C/MLGOOs are on alert and closely monitoring their AOR.
- d. Emailed CODIX Memos/Advisory to the four (4) provinces.
- e. Sent text messages to all PDs to issue advisory to their AORs regarding “no Fishing Policy”.

**DILG I and CAR**

- a. Disseminated Weather Advisories/Bulletins to P/C/MDDRMCs.
- b. Coordinated with DILG Provincial Offices/Directors for TY “LANDO” updates.
- c. Disseminated TY LANDO Preparedness Monitoring Sheet to be accomplished by DILG Field Officers.

**DILG II, III, and IV-A**

- a. Issued advisory to all Provincial/City Directors, Clusters, Team Leaders and all others concerned regarding the reactivation of Disaster Operation Center, conduct of PDRA and activation of Operation Listo.

**DILG II**

- a. Issued “No Sailing Policy” to LGUs along the coast and sea.
- b. Continuously monitors the overflow bridges and water level of Magat Dam and other major water tributaries in the region.
- c. Directed the provinces to conduct Pre Disaster Risk Assessment (PDRA).
- d. Continuously disseminates advisories and bulletins to field offices.

**DILG III**

- a. Issued Supplemental Advisory Prohibiting Sailing of Fisherfolks to LGUs of Aurora, Bataan, Pampanga, and Zambales and also reiterated the use of Operation LISTO Manuals as guide of actions for possible disasters on 14 October 2015.
- b. Activated their Regional Operations Center on 14 October 2015.
- c. Continuously disseminates updates to field offices.
- d. Advised LCEs and DILG personnel to observe all existing disaster protocols.
- e. Warned low-lying areas for possible flashfloods and storm surge on coastal areas.
- f. Advised tourists, through the Baler Municipal Tourism Office, to cancel their visits to Baler until weather permits.
- e. Issued directives regarding the prohibition of outdoor activities along the beaches of Baler, Aurora.
- f. Prohibited fishermen and passenger boats from sailing.
- g. Continuously monitors the water level in Angat, Ipo, and Bustos Dams and advised municipalities along the Pampanga River to monitor the rise of water.
- h. Encouraging pre-emptive evacuation on low-lying and coastal areas.

**DILG IV-A**

- a. Advised all Provincial, City, and Municipal Offices to activate their skeletal forces and closely coordinate with LCEs, Chief of Police, Fire Marshals, and other concerned authorities for strict enforcement of protocols.
- b. Directed all field officers to ensure that LDRRMCs are actively following actions suggested in Operation Listo and prepare for any eventuality and conduct of pre-emptive evacuation in hazard-prone areas.
- c. Sea travel for both passenger and cargo vessels from and to island municipalities are prohibited and advised Barangay Chairmen not to allow small fishing vessels to travel.
- d. Deployed personnel to render duty in the RDRRMC IV-A Operations Center.

#### **DILG IV-B**

- a. Activated Operations Center.
- b. Alerted all DILG Field Offices.
- c. Advised all Local Government Operations Officer (LGOOs) in MIMAROPA to take appropriate actions.
- d. Activated the monitoring and reporting system of LGUs based on Operation Listo.
- e. Disseminated weather advisories to LGUs.

#### **DILG V**

- a. Continuous dissemination of weather bulletins in AOR.
- b. Ensured that Listo Preparedness Protocols on Disaster Preparedness are observed.
- c. Alerted LGUs in low-lying areas to take the necessary precautionary measures.
- d. Ensured all communication facilities are functional for easy access of information and emergency activities.
- e. Attended/participated the PDRA Meeting for TY LANDO in OCD V.
- f. Attended and witnessed the turn-over of 500 packs of relief goods (6 kilos rice, 4 cans sardines, 4 cans corned beef, and 6 pcs. 3-in-1 coffee) to the shipping company, intended for the stranded passengers of Tabaco City Port.

#### **DILG XII**

- a. Disseminated weather and warning advisories to all LGUs.
- b. Close coordination with LGOOs to monitor situation in their respective AOR.
- c. Ensures the activation of Region XII Alert Code (AHEWS-EBS Operational Guidelines) at the LGU/Barangay level.

#### **DILG NCR**

- a. Directed their respective local government units through the City/Municipal Mayor and Local Disaster Risk Reduction and Management Officers (LDRRMOs) to continuously coordinate and monitor weather updates from PAGASA, NDRRMC, C/MDRRMC through OCD-NCR and to continue implementing preparedness measures taking into consideration the localized weather conditions which may vary.

### **6. Department of Social Welfare and Development (DSWD)**

- a. Placed Quick Response Teams (QRTs) of DSWD Field Offices I, II, III, IV-B, V, and CAR on standby.
- b. A total of 159,473 Family Food Packs are available in Regions NCR, CAR, I, II, III, and IV-A.
- c. A total of **₱923,371,356.95** standby funds are available at Field Offices (FOs) of CAR, I, II, III, IV-A, IV-B, V, and NROC:
  - CAR : ₱15,679,968.18
  - Region I : ₱20,448,064.17
  - Region II : ₱10,076,606.73
  - Region III : ₱25,652,045.02
  - Region IV-A: ₱1,820,832.55
  - Region IV-B: ₱4,698,782.50
  - Region V : ₱3,039,000.00
  - NROC : ₱841,956,057.80

#### **DSWD I**

- a. Provincial Social Welfare and Development Office (PSWDO) La Union prepositioned relief goods, ready for distribution.
- b. SWAD Teams in four (4) provinces are currently on alert.

- c. Prepositioned 21,600 Family Food Packs (FFPs) at the Field Office warehouse and in satellite warehouses:
  - Bani, Pangasinan - 3,300
  - Sta. Barbara, Pangasinan - 2,000
  - San Nicolas, Ilocos Norte - 1,000
  - POO Vigan City, Ilocos Sur - 1,000
  - Santa, Ilocos Sur - 300
  - Bauang, La Union  
(Regional Warehouse) - 14,000
- d. Quick Action Response Team (QUARTS) are on red alert status.
- e. The SWADs/QUARTs continuously coordinate with P/C/MDRRMCs.
- f. Disaster Response and Management Unit (DREAMU) continuously monitors the situation in the region.
- g. Availability of 8,000 family food packs from DSWD FO1 Regional Warehouse to augment the Provincial Operation Offices and Satellite Warehouses.

## **DSWD II**

- a. Available standby funds of ₱5,076,606.73 and 22,707 stockpile of family food packs at Field Office Warehouse and other available goods namely: 105 boxes of meatloaf, 110 boxes of sausages, 2,160 tins of ready-to-eat food (RTEF) ready for repacking.
- b. Prepositioned 15,245 family food packs for the 4 provinces of Region II, stated as follows: A total of 37,952 family food packs available in the Region.
  - Cagayan - 1,800 packs
  - Isabela - 6,945 packs
  - Quirino - 2,600 packs
  - Nueva Vizcaya - 3,900 packs
- c. Prepositioned 340 sacks of NFA rice, 55 boxes of sardines, 95 boxes of meatloaf, 95 boxes of sausage and 91 boxes of corned beef, for Batanes Province which are safe kept in the DSWD Warehouse in Batanes.
- d. Disaster Management and Response Teams (DMRTs) of the Field Office, SWAD Teams and PIC/MATs are regularly provided with advisories on the progress of the Typhoon and reminded of their responsibilities.
- e. Field Office II augmented 500 family food packs to Dinapigue, Isabela and is temporarily stored PSWDO Quirino warehouse.
- f. Four (4) generator sets (1 big, 1 medium, and 2 small), four (4) rechargeable lamps, and one (1) drum of diesoline are on standby in Field Office II.
- g. P/C/MATS in Isabela, Quirino, and Nueva Vizcaya are on duty.
- h. Field Office coordinated with DPWH to assist in hauling of additional pre-positioned goods for the provinces of Cagayan, Isabela, Nueva Vizcaya, and Quirino.
- i. Field Office continuously coordinates with PDRRMC to gather updates.
- j. Field Office coordinated with DPWH regarding the transport of FFPs for augmentation to the municipalities.
- k. Disaster Management and Response Teams (DMRTs) continuously coordinate with the SWAD and P/C/MATS in five (5) provinces for updates on pre-emptive actions
- l. Advised LGUs living in low-lying areas to take precautionary measures.

## **DSWD III**

- a. 18,456 Family Food Packs (FFPs) are on standby.
- b. Delivered on 17 October 2015 2,200 FFPs from NROC to Clark, Angeles City warehouse
- c. Prepositioned family food packs (FFPs) in Field Offices:
  - Aurora – 2,000



- Nueva Ecija – 700
  - Tarlac – 300
  - Bulacan – 300
  - Ifugao – 2,000
- d. Conducted pre-emptive evacuation in the Municipality of Baler and Dipaculao.
- e. Field Office Quick Response Teams (QRT) was activated effective 16 October 2015.

#### **DSWD IV-A**

- a. Alerted all Regional/Provincial Quick Response Teams (R/P QRTs) for eventual activation of disaster response duty.
- b. Conducts capability building among the Staff regarding DRRM, CCM, and psychosocial processing.
- c. Identified LGUs with available warehouse for prepositioning of goods.
- d. Advised all SWAD teams to monitor their respective AORs.
- e. Stockpiled a total of 26,750 FFPs ready for distribution.
- f. Ensured the availability of standby funds worth ₱1,820,832.55.
- g. Coordinates with NFA for hauling of rice when necessary.
- h. Attended Pre-Disaster Risk Assessment meeting.
- i. On 17 October 2015, a total of 1,216 family food packs were repacked by volunteers and some FO staff at GMA Cavite warehouse
- j. Deployed personnel to render duty in the RDRRMC IV-A Operations Center.
- k. Status of Food and Non-Food items:
- Food items – 15,404 packs amounting to ₱6,035,099.02
  - Non-Food Items – 65,405 amounting to ₱ 5,148,767.84
- l. Status of prepositioned goods at the LGUs:
- PSWDO Quezon - 1,500 packs amounting to ₱564,750.00
  - PSDWO Laguna - 1,000 packs amounting to ₱376,500.00
  - Pililla, Rizal - 500 packs amounting to ₱188,250.00

#### **DSWD IV-B**

- a. Activated Field Offices Crises Intervention/QRT.
- b. Placed members of the regional QRTs and Social Welfare and Development Teams (SWADTs) on standby for mobilization.
- c. Prepositioned food and non-food items in Geographically Isolated Depressed Areas.

#### **DSWD V**

- a. Presided the PDRA meeting at OCD V.
- b. Stockpiled a total of 30,000 FFPs to be given to LGUs at any given time.
- c. Placed Provincial/Municipal action teams in six provinces on standby for response actions.
- d. Ongoing prepositioning of goods to different LGUs; 68 municipalities with prepositioned goods amounted to PhP25,196.70; PhP1.5 Million worth of canned goods for repacking; 5,000 family kits (NFIs, mats, blankets, etc.); PhP2.5 Million standby funds.
- e. Placed Provincial/Municipal action teams in six provinces on standby for response actions; Emergency Response Team on standby to be activated when necessary.
- f. Turned-over 500 packs of relief goods (6 kilos rice, 4 cans sardines, 4 cans corned beef, and 6 pcs. 3-in-1 coffee) to the shipping company, intended for the stranded passengers of Tabaco City Port.
- g. SWAD Team is on standby and continuously coordinates with P/MDRRMOs.

#### **DSWD XII**

- a. Activated Disaster Incident Report System (DIRS).

- b. Ensured the availability of standby fund worth ₱1,000,000.00 and 30,000 family packs.

#### **DSWD NCR**

- a. Ensured the availability of 15,969 family kits in NCR.
- b. Alerted disaster teams and coordinated with LGUs in case of pre-emptive evacuation.

#### **DSWD CAR**

- a. Prepositioned 24,398 family food packs at regional office.
- b. Made available standby fund of ₱2,231,187.45.
- c. Prepositioned 14,200 family food packs in other provinces of CAR.
- d. Field Office and Provincial QUART Teams were activated effective on 16 October 2015.
- e. Prepositioned family food packs (FFPs) in Field Offices:
  - Abra – 747
  - Kalinga – 750 with ongoing repacking of additional 1,600
  - Apayao – 2,000 with ongoing repacking of 1,600
  - Mt. Province – 10 with ongoing repacking of 1,600
  - Ifugao – 2,000
  - Baguio City and Benguet – 8,118
- f. Repacking of food packs in the Field Offices of Abra, Kalinga, Apayao, Mt. Province, and Ifugao are ongoing.
- g. Field Office Quick Response Teams (QRT) was activated effective 16 October 2015.

#### **DSWD NROC**

- a. National Resource Operations Center (NROC) produced 40,700 family food packs.

### **7. Department of Tourism (DOT)**

#### **DOT IV-A**

- a. Directed industry partners to take precautionary measures to ensure the safety and security of their guests and properties.
- b. Made an appeal to tourists and visitors in the region to avoid going to hazard-prone areas in the region.

### **8. Department of Environment and Natural Resources (DENR)**

#### **DENR I - MGB**

- a. Activated Monitoring Team in coordination with to PENRO and CENRO Offices.
- b. Disseminated flood and landslide advisories to all municipalities and cities.
- c. Provided DENR-MGB Advisory regarding the Location Map of Slope Failure, Topographic Map of Slope Failure Showing the Relative Direction of Landslide located in Brgy. Bequi-Walin Lidlidda, Ilocos Sur.

#### **DENR IV-A**

- a. Activated their Regional Quick Response Center to closely monitor the weather situation in the region.
- b. Disseminated advisories to areas that are susceptible to landslide and flooding.
- c. Ensured the availability of chainsaws to support LGUs and response agencies for trimming of trees and conduct of possible clearing operations.

#### **DENR XII**

- a. Facilitated media and radio station interviews as part of their information dissemination and public awareness.

## 9. Department of Education (DepEd)

- a. Disseminated DOST-PAGASA Weather briefing presentations to field offices.
- b. Issued DepEd Memorandum to all DepEd Local Officials and DRRM Coordinators regarding pre-emptive measures for TY “LANDO” through email and telefax.
- c. Sent-out advisories to all DepEd Local Officials and DRRM Coordinators to closely coordinate with the local government units for possible announcement of class suspension on 15 - 16 October 2015 via InfoBoard textblast.
- d. Sent-out advisories to all DepEd Local Officials and DRRM Coordinators to inform School Heads that are required to report to their respective School Division Office (SDO) immediately after TY LANDO landfall. If severely affected and communication is unavailable, to report within 48 hours to SDO via InfoBoard textblast.
- e. Participated in the Pre-Disaster Risk Assessment Meeting.
- f. Disseminated to all exposed DepEd Local Officials and DRRM Coordinators to report their whereabouts.
- g. Instructed all DepEd Local Officials and local DRRM Coordinators to be on alert over the weekend to monitor their respective AOR.
- h. Verified reports with field personnel regarding class suspensions, schools prepositioned as evacuation centers, and schools currently used as evacuation center.
- i. Instructed NCR, CAR, Regions I, II, III, IV-A, and IV-B as well as corresponding divisions to ensure class suspension especially in areas with public storm warning signals and expecting heavy rainfall. School Division Superintendents are closely coordinating with their respective LGUs for the announcement of suspension.

### DepEd La Union

- a. Identified 135 schools for immediate evacuation centers.

### DepEd IV-A

- a. Identified schools to be utilized as evacuation centers.
- b. Activated their Operations Center to monitor weather updates to be disseminated to all school heads.

### DepEd V

- a. Identified and readied evacuation centers.
- b. Attended/participated PDRA Meeting for TY LANDO at OCD V.

## 10. Department of Health (DOH)

- a. On Code White Alert.
- b. Issued alert memorandum to all regional offices on preparations regarding TY “LANDO” for repositioning of teams and stockpiling of medicines.
- c. Made ₱43,816,113.30 worth of logistics at DOH-Central Office (DOH-CO) available for augmentation.
- d. Prepositioned a total of ₱17,310,950.69 worth of logistics to Regions I, II, III, IV-A, IV-B, V, and CAR and a total of ₱89,778,191.21 worth of logistics are available at DOH-CO and warehouses of DOH Regional Offices.
- e. Prepositioned a total of 666 hygiene kits, 2,718 first aid kits, 15,005 jerry cans, and 1,336 family kits to Regions I, II, III, V, and CAR.
- f. Attended series of Pre-Disaster Risk Assessment (PDRA) Meetings at NDRRMC.
- g. Continuous provision of updates on the weather disturbance through Smart InfoBoard.

- h. Augmented assorted drugs, medicines, and medical supplies to Regions I, II, III, and CAR

**DOH – Health Emergency Management Staff (DOH-HEMS) Regional Offices I, II, III, IV-A, IV-B, V, and CAR**

- a. Continuously coordinates with Provincial DOH Offices and hospitals through DOH representatives for updates on the weather situation and preparations undertaken.
- b. Placed medical teams on standby for possible deployment.
- c. Deployed one (1) HEMB Personnel in NDRRMC to act as a Liaison Officer and DOH Representative.
- d. Issued weather alert to all Regional Offices.
- e. Issued alert memorandum to all regional offices regarding repositioning of teams and stockpiling of medicines.
- f. Attended Pre-Disaster Risk Assessment Meeting at NDRRM Operations Center.
- g. Continuously monitoring the typhoon through PAGASA.

**DOH I, II, III, IV-A, IV-B, V, and CAR**

- a. Continuously coordinates with Provincial Health Offices and Hospitals thru DOH representatives.
- b. Alerted DOH Hospitals to receive TY LANDO affected individuals.
- c. DOH Representatives are on standby for deployment to conduct health assessment.
- d. Medical teams are on standby for possible deployment.

**DOH I**

- a. Raised status of their Operations Center to “Code Red”.
- b. Ensured cluster heads are ready for deployment to provide technical assistance and logistics augmentation.
- c. Placed three (3) DOH Retained Hospitals on standby namely: Ilocos Training and Regional Medical Center, Region 1 Medical Center, and Mariano Marcos Memorial Hospital and Medical Center.
- d. Activated the four (4) Provincial DOH (PDOH) Operations Centers.
- e. Prepositioned a total of ₱1,417,820.19 worth of assorted drugs and medicines to PDOH Offices as of 14 October 2015.
- f. Stockpiled assorted drugs and medicines amounting to ₱1,188,240.20
- g. Advised cluster heads of DOH I public health team to be ready for deployment and for the provision of technical assistance and logistics.
- h. RESU HEMS attended the PDRA Core Group Meeting at OCD RO I (17 October 2015).
- i. Alerted Cluster Heads of DOH RO I/Public Health Team for ready deployment and provision of technical assistance and logistics.
- j. Continuous coordination with the Provincial DOH Offices and hospitals thru DOH Representatives for updates on weather situation and on-going preparation and reporting of typhoon-related events.
- k. Medical teams are on standby for possible deployment.
- l. All HEMS staff/responders are on standby alert for immediate response outside the Ilocos Training and Regional Medical Center (ITRMC) and emergency medications and medical supplies are sufficient.
- m. The two (2) other DOH Retained Hospitals (Region I Medical Center, and Mariano Marcos Memorial Hospital and Medical Center) on 24-hour duty to attend to casualties brought to the hospitals.
- n. Regular submission of updated reports and submitted to authorities and other stakeholders.

**DOH II**

- a. On 24-hour duty in Operations Center.
- b. Prepositioned emergency drugs amounting to ₱2,743,210.74.
- c. Raised Code Red Alert to include all DOH retained hospitals.
- d. Continuous coordination with the Provincial DOH Offices and hospitals thru DOH Representatives for updates on weather situation and on-going preparation and reporting of typhoon – related events.
- e. DOH hospitals alerted to receive Typhoon “LANDO” affected individuals.
- f. Medical teams from DOH retained hospitals are on standby for possible deployment (Rapid Health Assessment, Medical, WASH, Nutrition, MHPSS).
- g. Composite team (9-man team) ready for deployment.
- h. Performed stock inventory in the Regional Office supply unit.
- i. Prepositioned drugs and medicines in all Public Health Office amounting to Php 285,871.00.
- j. Provided medicines, first aid kits, family kits and jerry cans amounting to Php 449,283.70.

**DOH III**

- a. Prepositioned medicines and logistics amounting to ₱1,629,211.85.
- b. Placed medicines, drugs and other logistics worth ₱6,871,462.00 and 20 vials of anti-venom on standby.
- c. Requested transportation assistance from the 7<sup>th</sup>ID, PA to preposition assorted medicines and health emergency logistics to the Provincial Health Office of Aurora.
- d. Medical teams are on standby for possible deployment.
- e. PDOHO and Provincial Medical Response Teams of Tarlac including the Provincial/District/Municipal Hospitals are on active duty.
- f. All health facilities, communications is functional and ready for any untoward incident.
- g. DOH hospitals alerted to receive Typhoon “LANDO” affected individuals.

**DOH IV-A**

- a. On Code White Alert.
- b. Ensures the availability of medicines and medical supplies to all DOH extension offices in CALABARZON.
- c. Prepositioned drugs and medicines worth ₱22,107,133.92 to Cavite, Laguna, Batangas, Rizal, Quezon, and Region IV-A Office.
- d. DOH hospitals alerted to receive Typhoon “LANDO” affected individuals.
- e. Medical teams are on standby for possible deployment.
- f. Multi-disciplinary public health teams from regional staff are on standby and 5 public health teams (12 pax per team) from provincial extension office teams are also available for recall within 24 hours (composed of doctors, nurses and one med tech).

**DOH IV-B**

- a. Raised Code White Alert. Operations Center open 24/7.
- b. Continuously coordinates with all PDOHOs and HEMS point persons for any untoward incident.
- c. Coordinates with DOH retained hospitals and other regional agencies.
- d. Advised PDOHOs to coordinate with port authorities and advised nearby port facilities to be on standby for possible health assistance to passengers with medical needs.
- e. Advised PDOHOs to monitor areas for potential risk for mass casualty incident.
- f. Coordinated with PAF 505<sup>th</sup> SAR Group for the utilization of Air Medical Services in the provinces in MIMAROPA.

- g. Prepositioned assorted drugs and medicines in PDOHOs.

PROVINCE	DRUGS/MEDICINE (PhP)	MEDICAL SUPPLIES (PhP)
Occidental Mindoro	196,104.98	841,110.00
Oriental Mindoro	429,952.10	900,000.00
Marinduque	196,104.98	841,110.00
Romblon	73,664.58	47,445.00
Palawan	3,408,304.00	
Regional Office	3,000,000.00	3,829,665.00
<b>Total</b>	<b>7,304,130.64</b>	<b>6,459,330.00</b>
<b>GRAND TOTAL</b>		<b>13,763,460.64</b>

#### DOH V

- On Code White Alert Status.
- Prepositioned drugs and medicines to the six provinces of Bicol worth ₱664,500.00.
- Ensured the availability of standby drugs and medicines, kits, medical equipment, laboratory supplies in DOH RO V HEMB worth ₱12,824,199.00.
- Established Command Center at DOH V Regional Office and LGUs.
- Informed provincial DOH Offices of the latest development on the weather disturbance.
- Attended/participated PDRA Meeting for TY LANDO at OCD 5.

#### DOH XII

- On alert status and activated their Operations Center.
- Prepositioned medicines to all provinces and cities in the region.
- Closely monitors all health centers in the region.
- Assisted OCD XII in the dissemination of weather and warning advisories to all local HEMS.

#### DOH CAR

- Operations Center open 24/7.
- Attended 3<sup>rd</sup> PDRA to coordinate preparedness and response activities.

#### DOH NCR

- Raised Code White Alert including DOH Metro Manila Hospitals. Operations Center open 24/7.
- Continuous coordination with CDRRMC and other agencies.
- Ensured the availability of CAMPOLAS kit comprising of basic medicines.

### 11. Department of Public Works and Highways (DPWH)

#### DPWH I

- Activated the Incident Command System (ICS).
- Assigned a permanent team to conduct RDANA.

#### DPWH III

- Released memorandum to all District Engineers and Regional Equipment Engineer to submit situational reports every six hours.

#### DPWH I, II, III, IV-A, IV-B, and CAR

- Activated the Disaster Risk Reduction Management Team (DRRMT).
- Prepositioned all available/operational equipment with operator to hazard-prone areas.

#### DPWH IV-A

- Continuously monitors the status of national roads and bridges in the region.
- Activated DRRM Teams in all district offices in the region.
- Placed all heavy equipment and assets on standby alert.



#### **DPWH IV-B**

- a. Activated the Motor Vehicle User Charge (MVUC) workers and maintenance crew of DRRM teams to monitor the condition of national roads and bridges and other infrastructures.
- b. Placed equipment on standby and ready to utilize as situation warrants.

#### **DPWH V**

- a. Directed District Engineering Offices through their District Engineers to place resources on standby for possible deployment.
- b. Installed warning signs and conducted clearing operations in affected areas.
- c. Attended/participated PDRA Meeting for TY LANDO at OCD V.

### **12. Department of Agriculture (DA)**

#### **DA-BFAR I**

- a. Provincial Command Centers monitoring the situation and damages to fisheries in AOR.
- b. Command center with Fisheries Law Enforcement Quick Response Teams on Red Alert Status.

#### **DA IV-A**

- a. Activated their Regional Quick Response Center to closely monitor the weather situation in the region.

#### **DA IV-B**

- a. Ensured the availability of buffer stock of planting materials in DA Provincial Offices to replace damaged crops.

### **13. Philippine National Police (PNP)**

- a. Placed Communications and Electronics (COMMEL) units in Regions I, II, III, IV-A, IV-B, V, and CAR on standby and alerted to provide emergency radio communications through HF, VHF, and UHF spectrum.
- b. Activated National Disaster Operation Center (NDOC) effective 8:00 AM, 17 October 2015 and PNP Sub-committee on Disaster Management (SCDM).
- c. Issued Memorandum regarding preparation for Tropical Storm "Lando" placing Police Regional Offices' I, II, III, IV-A, IV-B, V, VIII and NCRPO.
- d. Issued Memorandum directing Police Regional Offices' I, II, III, IV-A, IV-B, V, VIII and NCRPO to undertake precautionary measures and disaster preparedness activities.
- e. Issued Memorandum directing placing Police Regional Offices' I, II, III, IV-A, IV-B, and V, to assist Local Government Units in their respective AOR in the conduct of pre-emptive evacuation in coastal, flood and landslide prone areas.
- f. Sent email to affected Police Regional Offices to register on the Batingaw Mobile Applications and to post photos on their actions related to their disaster preparations.

#### **Police Regional Office (PRO) CAR**

- a. Alerted Municipal Police Stations and Regional Public Safety Battalion
- b. Delivered food packs to Ifugao together with OCD CAR.

#### **Provincial Police Office (PPO) Abra, Apayao, Baguio City, Ifugao, Kalinga, and Mt. Province**

- a. Continuously monitoring AOR.
- b. SAR Teams and equipment are on standby.

#### **PRO I**

- a. Ensured readiness of SAR equipment.
- b. Directed Provincial Police Offices (PPOs) to submit actions taken.

- c. Activated DIMTG and reminded all responders to secure their family to safe area before the disaster.
- d. Directed all PPOs down to City and Municipal Police Stations to undertake precautionary measures and other disaster preparedness activities.
- e. Continuous coordination with LDRRMCs.
- f. Regional Public Safety Battalion (RPSB) 1 SAR Teams and Regional Headquarter organized teams are on standby.
- g. PPOs and Police Station/Units of Police Regional Office 1 closely coordinate with LDRRMCs.
- h. Deployed 15 personnel for augmentation of manpower for repacking of relief goods at Regional Rehabilitation Center for Youth at Urayong, Bauang, La Union.
- i. Continuous conduct of SAR to affected areas in coordination with PDRRMC
- j. RPSB assisted DSWD on relief goods distribution to affected areas in Pangasinan.
- k. Disseminated the NDRRMC/OCD alerts on different weather bulletins and advisories to the different PPOs especially Pangasinan for their appropriate action and precautionary measures and coordination with the LDRRMCs.
- l. Mobilized one 6x6 for the hauling and delivery of relief goods to the affected municipalities in Pangasinan.
- m. Deployment of additional PNP personnel for the continuing repacking of relief goods at RRCY, Bauang, La Union and DWSD Warehouse in Sta. Barbara.

#### **PPO La Union**

- a. Activated their Provincial Disaster Incident Management Task Group.
- b. Raised alert status from normal to Red Alert Status.
- c. Alerted all SAR personnel for possible deployment.
- d. Continuous monitoring the coastal areas, bridges, and river banks in AOR.
- e. Deployed standby personnel at PDRRMC to serve as focal person.

#### **PPO Pangasinan**

- a. Disseminated information on alerts and advisories to all Chief of Police especially those along Agno River basins and near mountainside.

#### **PPO Ilocos Norte**

- a. Advised all units to raised alert status from normal to Red Alert Status.
- b. Advised all units to be on standby and to prepare SAR equipment for possible deployment.

#### **PRO II**

- a. Advised lower units to monitor situation in their respective AOR and undertake precautionary measures.
- b. Disseminated Command Memorandum Circular within the agency regarding the Operational Guidelines to be undertaken in preparation for TY "LANDO".
- c. Directed Provincial Directors (PDs) and City Directors (CDs), SCPO to preposition their disaster response teams particularly in the disaster prone and low-lying areas in coordination with their respective PPDRMC.
- d. Alerted residents living in low-lying and mountainous areas against possible flashfloods and landslides.
- e. Alerted residents living in coastal areas under Public Storm Warning Signal were alerted against huge waves or storm surges.
- f. Advised fishing boats and other small seacrafts not to venture out into the sea due to the typhoon.
- g. Deployed personnel in the evacuation center to provide assistance to those affected by typhoon.
- h. Directed Police Stations and 2RPSB to organize their respective SAR Teams for possible deployment.

- i. Directed COPs/Unit Commanders to be on standby on their respective units/stations to supervise for possible SAR in their respective AOR.
- j. Directed Cagayan, Quirino, and Isabela PPO to coordinate and assist LGUs in their respective AOR in the conduct of pre-emptive evacuation on people living in coastal areas.
- k. Assisted in the evacuation operations; organized SAR Team

**PPO Isabela**

- a. Deployed personnel to all overflow bridges and implemented liquor ban and no sail policy in coastal areas.

**PRO III**

- a. Implemented Oplan "SAKLOLO" down to the lowest unit to all provinces.
- b. Conducted Operational Briefing in the Provincial Disaster Risk Reduction Management of Aurora
- c. Augmented communication system on 17 October 2015.
- d. Deployed Liaison/Action Officer as representative of Chief, RPCRD and ROPD, Monitoring/Action Officer at the Operations Center, OCD III.

**PRO IV-A**

- a. Directed all Provincial Directors, Chief of Police to prepare assets for possible deployment.
- b. Placed Regional Public Safety Battalion Search and Rescue (RPSB-SAR) personnel on standby.
- c. Alerted SAR teams and other PNP personnel for rapid deployment.
- d. Ensured readiness of the SRR equipment and supplies to support operational requirements.
- e. Activated respective Disaster Incident Management Task Group (DIMG) as the situation may require.

**PRO IV-B**

- a. Alerted all PPOs to continuously monitor the situation in their respective AORs.
- b. ROC was converted to RDOC effective 8:00 AM, 17 October 2015.
- c. Component of the Disaster Risk Reduction Management Committee was activated region-wide.
- d. SAR Teams were placed on standby alert to possible deployment.
- e. Monitoring and dissemination of information relative to TY LANDO are being undertaken by all PPOs/CPO.

**PPO Marinduque**

- a. Issued Memorandum to all MPS and PPSP to inform their respective MDRRMC to conduct preparation activities for TY LANDO.
- b. Continuous dissemination of information regarding TY LANDO is being undertaken through six (6) MPS of the Province, Philippine Coast Guard, PPA, Maritime Police and other friendly forces in coordination with the PDRRMC and OCD IV-B.

**PRO V**

- a. Informed the Provincial/City/Municipal Police Offices to prepare for the possible effects TY LANDO.
- b. Placed Disaster Response Units (DRUs) with equipment and mobility on standby for possible deployment.
- c. Attended/participated PDRA Meeting for TY LANDO at OCD V.

**PRO XII**

- a. Instructed PPOs and City Police Offices to assist LDRRMCs in the conduct of evacuation and SAR operations

## **NCRPO**

- a. On alert and placed manpower and equipment on standby.
- b. On Full Alert status effective 8:00 AM, 17 October 2015.
- c. Directed field units to supervise the preparation for the typhoon and in closed coordination with LDRRMCs.

## **14. Armed Forces of the Philippines (AFP)**

- a. Monitors landslide and flood prone areas for the conduct of pre-emptive evacuation, proactive measures, and HADR operations in coordination with LGUs and LDRRMCs.
- b. Communication, Electronics, and Information Systems Service AFP (CEISSAFP) units in Regions I, II, III, IV-A, IV-B, V, and CAR on standby to provide emergency radio communications through VHF spectrum.
- c. Prepared CEISSAFP communications van and mobile communications tower for possible dispatch.

## **GHQ, AFP**

- a. Convened Battle Staff "B" on 180900 Oct 15 and conducted VTC with unified commands/ JTF-NCR and major services regarding HADR preparations.
- b. Alerted Major Services to provide 30 M35 trucks for transportation requirements of NDRRMC broken down as follows: PA – 15;PN – 5; PAF – 5,and JTFNCR-5.
- c. Other UCs were alerted to support UCs directly affected by Typhoon "LANDO".
- d. Periodically sent SMS weather bulletin to concerned staff/unit.
- e. Posted personnel at NDRRMC OPCEN effective 16 October 2015.
- f. Briefed respective J-Staff representatives on weather update.
- g. Issued directive to Unified Commands to keep track of the typhoon and monitor the areas that are prone to landslide and flooding for the conduct of pre-emptive evacuation, proactive measures, and HADR operations in coordination with LGUs and LDRRMC.

## **Northern Luzon Command (NOLCOM) - HNOLCOM**

- a. Convened Battle Staff effective 161700 October 2015.
- b. Alerted disaster response units for HADR.
- c. Established communication redundancies and subsequently conducted radio checks with 5ID, 7ID, NTF40, TOG1, TOG2 and TOG3.
- d. Housed 2,000 family food packs (200 sacks) of relief goods from ABS-CBN Sagip Kapamilya.
- e. PAF placed on standby alert DRRO/ HADR Platoon with two (2) rubber boats and other HADR equipment for dispatch to affected areas in Isabela and Aurora provinces.
- f. 86th IB and 81st IB currently on Battalion retraining were alerted for HADR operations as follow-on forces when needed
- g. Prepositioned (20) drums Jet-A1 fuel at Baler, Aurora on 172000 October 2015 in anticipation for air operations in the aftermath of TY LANDO.

## **Southern Luzon Command (SOLCOM)**

- a. Placed personnel and equipment on standby for possible conduct of Humanitarian Assistance and Disaster Relief (HADR) operations.
- b. Directed Operations Command (OPCOM) units to prepare assets and to alert DRRO units.
- c. Ensured the availability of vehicles and air assets.
- d. Identified strategic areas for prepositioning of quick response DRO teams.

**Central Command (CENTCOM)**

- a. On Red Alert Status.

**Western Command (WESCOM)**

- a. All DRRM units and HADR units are on alert status and ready for deployment.
- b. Placed rescue equipment on standby and ready to be mobilized.

**Philippine Navy (PN) / Naval Forces Northern Luzon (NFNL)**

- a. Raised to Red Alert status effective 15 October 2015.
- b. Constantly updates all Organic and Operational Units especially floating assets, Naval Base Camilo Osias (NBCO) at Cagayan and Civil Military Operation Unit – Northern Luzon (CMOU-NL) at Casiguran through text and other means of communication transmission regarding TY LANDO.
- c. Issued directive to all OPCON/ADCON Units to make preparations and take precautionary measures to mitigate the possible effects of TY LANDO.
- d. ALL DRTs under RDRTG1 are on standby and are ready for deployment.
- e. NSEO DRT1 departed from Poro Point, San Fernando City, La Union for advance prepositioning in Laoag City together with Naval and Marine Reservist DRT.
- f. NSEO DRT2 proceeded to Narvacan, Ilocos Sur.
- g. PN Islander 311 and PS-36 on standby for deployment.

**Philippine Army (PA)**

- a. 81<sup>st</sup> IB placed one (1) 6x6 military truck and twenty (20) personnel on standby and ready for deployment.
- b. Dispatched 30 personnel with 1 M35 truck, 1 KM450 truck and 3 rubber boats to standby at Clark Airbase, Pampanga.
- c. Alerted the following HADR units from SOCOM: HCoy, SFR (A); SFS, SFR (A); 18 SFC, SFR (A); 13 SRC; and 14 SRC for deployment to affected areas in Aurora and Isabela.
- d. PA provided two (2) Cargo truck to transport WASAR team from West Bicutan Taguig City to H7ID AOR on 191300 October 2015.

**502<sup>nd</sup> Brigade, PA**

- a. Installed Harris Manpack Radio at RDRRMC Operations Center.
- b. On-standby duty at RDRRMC Operations Center.
- c. Directed its subordinate units (17IB, 52DRC, 3IB and B70IB(C) to undertake the following in their respective Area of Operations (AOs):
  - Activate their respective Disaster Response Task Units (DRTUs)
  - Coordinate with LDRRMCs (Provincial/City/Municipal Level) and other concerned LGUs/Agencies in their respective AOs regarding the conduct of HADR

**503<sup>rd</sup> Brigade – 5<sup>th</sup> Infantry Battalion, PA**

- a. Prepositioned disaster rescue equipment at their Advance Command Post, Camp Henry Allen, Baguio City.
- b. Placed Search and Rescue (SAR) team on standby for possible rescue operations.
- c. Installed Harris Manpack Radio at the Cordillera DRRMC Operations Center as back-up communication system.

**6<sup>th</sup> Infantry Division and 1002<sup>nd</sup> Brigade, PA**

- a. Placed response team on standby for possible deployment.

**512<sup>th</sup> Engineer Combat Battalion (ECB), 52<sup>nd</sup> Brigade, PA**

- a. Placed crew and equipment on standby for deployment.

**5<sup>th</sup> Infantry Division, PA**

- a. Placed on Red Alert Status effective 5:00 PM, 16 October 2015.

- b. Activated their Disaster Response Task Units (DRTUs).
- c. Directed all subordinate units to coordinate with LGUs in their respective AORs.
- d. Placed on standby and ready for deployment to provide Humanitarian Assistance and Disaster Response (HADR).
- e. Issued directive to 5DRTU, PDRTG Cagayan-Batanes, PDRTG Isabela, PDRTG Quirino-Nueva Viscaya and RDRTG CAR to implement respective HADR plans in coordination with LDRRMCs; coordinate and conduct Joint Weather Assessment with LDRRMCs and concerned government agencies pertaining to the effect of TY LANDO; maintain liaison personnel at LDRRMCs and sustain alerted DRTUs; secure communities and disseminate to people the effects of TY LANDO in coordination with government agencies; and submit situation reports.
- f. Conducted mustering of personnel in preparation for DRRO/HADR operations for Typhoon "LANDO" on 170900 October 2015.
- g. Placed DRTUs on stand-by for possible deployment to affected areas in Isabela and Cagayan.
- h. Conducted pre-emptive evacuation of 164 families in Tulia Elem School, Tabuk City, Kalinga and 33 families in Isabela School of Fisheries, Training Center, and Bucal Sur Brgy. Hall, all in Isabela Province.
- i. Organized DRRO/HADR units from 5DRTU, 5ID Reserve Company, 17IB and 50IB as stand by alert for dispatch to affected areas in Isabela, Cagayan, Abra, and Kalinga provinces.
- j. 502Bde activated OPLAN Lifeguard-Alpha.
- k. 503Bde alerted DRTs with mobility and equipment on standby.
- l. H5ID maintained mustering of all its personnel inside post while its DRTUs are still on standby alert at their respective stations ready to conduct HADR operations on orders.

#### **7<sup>th</sup> Infantry Division, PA**

- a. Continuously monitors their AOR and placed on standby for possible augmentation on transportation of goods, medicines, and supplies from DOH and DSWD.
- b. Provided two (2) M-35 trucks with six (6) personnel for the transport assistance requested by DOH III.
- c. Three (3) personnel from 48<sup>th</sup> Infantry Battalion rendered duty at RDRRMC III Operations Center on 16 October 2015.
- d. Provided two (2) M-35 trucks with six (6) personnel for the transport of family food packs requested to DSWD III on 16 October 2015.

#### **56<sup>th</sup> IB, PA**

- a. Deployed twenty-two (22) personnel at PDRRMO of Aurora to ensure direct communication.
- b. Augmented the Radio Communications Group at the Operations Center, OCD III.

#### **103<sup>rd</sup> Community Defense Center, ARESKOM, PA**

- a. Placed four (4) teams ready for possible mobilization.

#### **KABALIKAT CIVICOM**

- a. Placed on standby for deployment.

#### **PAF Tactical Operations Group (TOG) 1**

- a. Placed communication radios and other equipment on standby for possible SRR Operations.



### **203th Brigade**

- a. Alerted DRO Platoons of 4IB, 76IB and 203<sup>rd</sup> Brigade for possible deployment.

### **502<sup>nd</sup> Brigade, PA**

- a. Activated OPLAN LIFEGUARD-ALPHA on 16 October 2015.
- b. Directed their subordinate units to activate their respective DRTUs and coordinate with LGUs regarding the conduct of HADR.

### **Naval Forces Southern Luzon (NAVFORSOL)**

- a. Conducted inspection of provisions and personnel.

### **9<sup>th</sup> Infantry Division, PAF TOG 5, and NAVFORSOL**

- a. Placed DRUs with equipment and mobility of brigades and battalions on standby for possible deployment.
- b. Conducted inspection of assets and personnel.
- c. Attended/participated the PDRA Meeting at OCD 5.

### **Joint Task Force – NCR (JTF-NCR)**

- a. Ensured the availability of vehicles to assist LGUs on the conduct of evacuation.

### **PAF Mobile Disaster Response Unit**

- a. Prepositioned the following personnel and assets: C130, three (3) helicopters, WASAR Team, SAR Team, Task Force team composed of ambulance, doctors, engineers, security and Communication team and RDANA team.

## **15. Philippine Coast Guard (PCG)**

- a. Issued guidelines to all PCG frontline units and reminded them to make necessary and proactive measures in order to determine possible adverse effect of the weather disturbance in their respective AOR.
- b. Directed all PCG frontline units to place all response assets on standby for possible deployment.
- c. Advised fisherfolks not to venture out at sea until the weather improves.
- d. Advised all PCG Units to ensure strict implementation of HPCG Memorandum Circular Number 02-13 (Guidelines on Movement of Vessels during Heavy Weather).

### **PCG I**

- a. Deployed additional personnel with one vehicle (Isuzu Truck) in Ilocos Norte and Ilocos Sur to augment in Deployable Response Group.
- b. Rendered duty at RDRRMC Operation Center to monitor and facilitate coordination.

### **PCG II**

- a. Implemented No Sail Policy.
- b. On heightened alert status, 24/7 manning of respective command centers and close monitoring of maritime incidents within AOR.
- c. Activated Deployable Response Group (DRG) within Cagayan/Batanes areas.
- d. Directed all Coast Guard Stations/Substations to coordinate with coastal barangays, ship master/owners and be guided on the memorandum circular regarding movement of vessel.
- e. Continuous dissemination of weather bulletins to sub-stations, coastal barangays, and fisherfolks.

### **Coast Guard Districts (CGDs) Northwestern Luzon (CGDNWLZN) and Southern Tagalog (STL)**

- a. Placed all district operations center in their AOR on standby.
- b. Placed all WASAR teams in their AOR on standby.

- c. Coordinated with local leaders to prevent fisherfolks and other small sea vessels from venturing out on the sea.

#### **CGD Bicol**

- a. Implemented No Sail Policy for provinces with public storm warning signal.
- b. Ensured that all assets are ready for deployment.
- c. Coast Guard Stations coordinated to all LGUs in their respective AORs.
- d. Placed all units on heightened alert.
- e. Attended/participated the PDRA Meeting at OCD V.

#### **CGD NCR and STL**

- a. Instructed Coast Guard Stations (CGS) to undertake necessary precautions for the possible effects of TY LANDO and ensure the readiness of rescue assets.
- b. Continuously providing updates to all PCG units on the latest Public Weather Forecast and advisories for gale warnings to warn small boats and fishermen of sea conditions, as well as flood and landslide alerts to warn residents in low-lying and flood-prone areas.

#### **CGD STL**

- a. Placed rescue boats and equipment on standby and ready to be mobilized.

#### **CGD Palawan**

- a. Directed the five coast guard stations and 23 substations in the Province of Palawan to be on alert.
- b. Monitors for typhoon related maritime incident that may occur in their AOR.
- c. Advised all CGS to strengthen their coordination with MDRRMCs.
- d. Alerted all deployable response team with response equipment.
- e. Encouraged to use tri-media in disseminating weather advisory to fishermen, boat operators, and tourists within the AOR.
- f. Placed rescue boats and equipment on standby and ready to be mobilized.

### **16. Bureau of Fire Protection (BFP)**

- a. Directed all Regional Offices to disseminate information materials/flyers on disaster preparedness and activate their respective stations.
- b. Formulated contingency measures and proactive steps for the requirements of the emergency related services.
- c. Directed all BFP personnel to be on standby to extend the necessary assistance in case of emergencies and eventualities.
- d. Ensured the availability of fire personnel, apparatus, and auxiliary units.
- e. Directed all BFP operation units to cancel all leave application of personnel.
- f. Directed personnel to conduct "Ugnayan sa Barangay", particularly on the Basic Safety Tips on what to do during the typhoon.
- g. Readied Running Card System in case of fire incidents/conflagration.
- h. Placed Communications and Electronics (COMMEL) units in Regions I, II, III, IV-A, IV-B, V, and CAR on standby to provide emergency radio communications through VHF spectrum.

#### **BFP I**

- a. All station under monitoring and all BFP Personnel are on ready alert status/off-duty ready on-call:

##### **Pangasinan**

- Dasol Fire Station conducted roving at Brgy. Tambobong
- Bolinao Fire Station conducted clearing operations along coastal areas
- All station under monitoring and all BFP personnel are on ready alert status/off duty ready on call

- Clearing and roving operations conducted

#### **Ilocos Norte**

- PHQ Ilocos Norte on standby
- Pasuquin Fire Station conducted monitoring within AOR with MDRRMC
- San Nicolas and Bangui Fire Station conducted roving within AOR

#### **Ilocos Sur**

- PHQ Ilocos Sur conducted roving in coordination with PDRRMC

#### **La Union**

- Agoo Fire Station conducted roving operations
  - Aringay Fire Station conducted at Brgy. Samara and Sta. Lucia
  - Bacnotan Fire Station conducted roving and clearing operation at Brgy. Paratong
  - Balaoan Fire Station conducted roving and clearing operation at flood-prone areas
  - Bangar Fire Station conducted roving operation at Brgy. Ubbog and Cadapi
  - Bauang Fire Station conducted roving and clearing operation Brgy. Parian and Pilae
  - Rosario Fire Station conducted roving operation at Brgy. Odjao and Bangar
  - San Fernando City Fire Station conducted clearing operation at Brgy. 1 and Brgy. Sevilla
  - San Juan Fire Station conducted clearing operation at Catdungan Bridge, Brgy Catdungan; coordinated with barangays along river-side for possible pre-emptive evacuation; and roving operations at 15 barangays along riverside
  - San Gabriel conducted roving and clearing operation Brgy. Bukaw and Bunbuneg
  - Sto. Tomas conducted roving operation at Barangay Nambuongan, Damortis, Malabago, Balsaan, Poblacion Tukok, Raoet, Kupang, and Ubagan
  - Naguilian and Sudipen Fire Station on standby
- b. Assisted in the evacuation of families in Municipalities of Bangar and Sto. Tomas, La Union.

#### **BFP II**

- Advised lower units to continuously monitor their respective AOR and undertake precautionary measures.
- Prepositioned rescue personnel and assets.
- Placed on standby for possible road clearing operations.
- Activated "Oplan Paghalasa" in preparation for the landfall of TY LANDO.
- All Provincial Offices including RHQ are on Full Alert Status since 16 October 2015.
- Directed all Fire Marshalls to ensure operational readiness stated in the DILG Oplan Listo – LGU Disaster Preparedness Manual Checklist will be undertaken.

#### **BFP III**

- Activated Oplan LISTO and Oplan Paghahanda Laban sa Sakuna (PAGHALASA).
- Alerted all BFP stations for possible rescue and response activities.

#### **BFP I, IV-A, and CAR**

- Directed all personnel to be ready to extend assistance in case of emergency.

**BFP IV-A**

- a. Alerted all Provincial, City, and Municipal fire stations to assist LDRRMCs and be on standby alert.
- b. Ensures coordination of city and municipality fire marshals to LGUs to determine the need for personnel deployment.
- c. Directed all stations to report any untoward incident to LDRRMC Operations Center.
- d. Ensures the availability of fire/rescue and medical personnel, apparatus, and auxiliary units in strategic locations.

**BFP IV-B**

- a. Alerted all BFP personnel for any disaster related response.
- b. Placed all trucks and response assets on standby.
- c. Constantly coordinates with MDRRMOs and LGUs.

**BFP V**

- a. Placed Regional/Provincial/City/Municipal Fire Stations and DRUs on heightened alert status (Code Blue).
- b. Placed DRU Team on standby for possible deployment.
- c. Attended/participated the PDRA Meeting at OCD V.

**BFP NCR**

- a. Placed on standby and alerted all districts and LGU fire stations to be ready to respond if situation warrants.

**17. Bureau of Fisheries and Aquatic Resources (BFAR)****BFAR I**

- a. Activated BFAR Command Center.
- b. Advised all Provincial Fisheries Offices (PFOs), Division Chiefs, Station Heads, and Project Leaders to secure people, facilities, and projects within their AOR.
- c. Advised Response Group / QRTs to be on alert and prepare vehicles and floating assets for deployment.
- d. Provincial Command Centers are monitoring the situation and assessing/validating damages to fisheries in AORs.

**BFAR IV-A**

- a. Advised fisherfolks and fishing vessel operators not to venture into fishing activities and seek advice from MARINA, PCG, and other authorities.

**18. Mines and Geosciences Bureau (MGB)****MGB I**

- a. Activated Operations Center.
- b. Distributed IEC materials to LGUs, students and stakeholders.
- c. Advised mining companies to monitor mine waste dumps and siltation ponds.

**MGB II**

- a. Monitoring of landslide and flooding incidents on AOR.
- b. Rendering duty at the OCD-RDRRMC II Operations Center.

**MGB III**

- c. Prepared advisory to Aurora and all other areas for possible landslides.

**MGB V**

- a. Closely monitors the amount of rainfall for issuance of landslide advisory.
- b. Attended/participated the PDRA Meeting at OCD V.

**MGB CAR**

- a. Continuously monitors the mining areas.

## **19. National Telecommunications Commission (NTC)**

### **NTC CAR**

- a. Coordinated with Telecommunications Companies to ensure the continuous provision of services.

## **20. National Food Authority (NFA)**

- a. Activated Operations Center to ensure ready assistance.
- b. Constant market monitoring is undertaken.
- c. Continuous coordination with Local Government Units and other relief agencies.
- d. Open warehouse for rice issuance/withdrawals for relief operations.
- e. Send wire authority to NFA-NCR relative to the request of DSWD to purchase 7,861 bags of NFA rice intended for Typhoon LANDO relief operation.

### **NFA I**

- a. Ensured the availability of rice supply in case of relief operations.

## **21. Philippine Red Cross (PRC)**

- a. Placed 11 Chapter Water Search and Rescue (WASAR) on standby stationed at Ilocos Norte, Benguet, La Union, Nueva Vizcaya, Nueva Ecija, Pangasinan, La Union, Bulacan, Olongapo City Pampanga, and Metro Manila Chapters.
- b. Closely coordinates with partners and other stakeholders.
- c. Disseminated Operation Instruction for Chapter.
- d. Assessment Teams composed of DMS, Health and Social are on standby.
- e. Two (2) ERU Teams are on standby.
- f. Continuously monitors the situation.
- g. WASAR Teams and equipments are on standby.
- h. Communicate and coordinate with chapters for updates on their respective AOR.
- i. Disseminated PAGASA Weather Bulletins to chapters likely to be affected thru SMS and Social Networking sites.

### **PRC Ilocos Norte**

- a. Closely monitors the situation for the possible conduct of evacuation.
- b. Activated and alerted to RC143 Municipal Coordinators, BDAT Team Leaders, CHVs, and Chapter Staff.
- c. Ensures availability of blood for all blood types.
- d. Continuously coordinates with C/MDRRMCs.
- e. Placed response team on standby Response and ready for deployment.
- f. Submitted chapter capacity and resource inventory to PRC NHQ OpCen.

### **PRC Pangasinan – Dagupan City San Carlos City Chapter**

- a. Alerted all RC143 volunteers.
- b. Emergency and Response Team on standby for deployment.
- c. Preparation of logistics for response.

### **PRC La Union**

- a. Alerted chapter staff, RC 143 Municipal Coordinators and volunteers to be on standby and report to Chapter OpCen any untoward incident.
- b. Ensures daily reporting to PRC NHQ.
- c. Conducted inventory of relief items (food and non-food), chapter vehicles, response equipment and radio communications equipment.

### **PRC Batangas**

- a. Directed medical teams on standby
- b. Activated Operations Center 24/7.

**PRC Camarines Norte**

- a. Prepositioned 350 boxes of biscuits.

**PRC Catanduanes**

- a. Prepositioned 500 packs of food items.

**PRC Cagayan**

- a. Eleven (11) staff and volunteers on standby.
- b. Disseminated PAG-ASA Weather Bulletin to chapters likely to be affected thru SMS and social networking sites and alerted all chapters concerned.
- c. Water Search and Rescue (WASAR) are on standby.

**PRC Isabela**

- a. Twenty (20) staff and volunteers are on standby.
- b. Prepositioned 130 standard food packs, 40 small and 8 big pieces Jerry cans, 50 pieces nets, 20 pieces blankets, 164 hygiene kits, 25 pieces mats, and 50 sacks of used clothing.

**PRC Aurora**

- a. Alerted Volunteers.
- b. Prepositioned 200 Food packs good for three (3) days.
- c. Prepared satellite phone.
- d. Prepared hot meals good for 3,000 persons in Baler and good for 1,000 persons in Dilasag.
- e. Manpower is on standby and prepositioned 200 standard food packs and 72 boxes of macaroni for hot meals.

**PRC Nueva Ecija**

- a. Prepositioned non-food items including 700 big pieces Jerry cans, 1,400 pieces blankets, 700 hygiene kits, 1,400 mosquito nets, and 1,400 pieces mats.

**PRC Quirino**

- a. Prepositioned 200 boxes of biscuits and 15 sacks of used clothes.
- b. Purchased 10 sacks of rice, 10 boxes of sardines and 20 boxes of noodles.

**PRC Nueva Vizcaya**

- a. Prepositioned 1,300 mats, 1,000 blankets, 200 hygiene kits, 400 mosquito nets, 32 boxes of collapsible water containers, and 200 big jerry cans.

**PRC Kalinga**

- a. Prepositioned 50 blankets and 20 mats.
- b. Five (5) personnel are on standby.

**PRC Ilocos Sur**

- a. Prepositioned food and non-food items at chapter warehouse.
- b. Five (5) personnel are on standby.

**22. Philippine Information Agency (PIA)**

- a. Alerted PIA Regional Offices I, II, III, IV-A, IV-B, V, VI, NCR, and CAR for close monitoring and instructed to send situational reports through existing communication channels.

**PIA I**

- a. Activated Regional and Provincial Offices and Information Officers to cover, gather and disseminate typhoon-related reports to the media, information networks, social media accounts and telephone recipients.
- b. Regional and La Union Office personnel on standby duty at RDRRMC1 OpCen

**PIA II and IV-A**

- a. Constantly monitors the weather updates and disseminates the information to the public.

**PIA IV-A**

- a. Continuously disseminates weather advisories and warning alerts to the public through text blast system, social media, and various media outfits.
- b. Instructed Provincial Directors to closely coordinate with LDRRMCs and Local Information Officers.

**PIA CAR**

- a. Ensured that information on road condition especially access points in and out of provinces are regularly sent to various media outfits for fast dissemination.
- b. Intensified information dissemination of weather updates, advisories and provincial situations.

**23. National Electrification Administration (NEA)**

- a. Advised Regions I, II, III, and CAR Electric Cooperatives to take necessary contingency measures in order to avert any damage to the distribution facilities of evacuation centers in franchise areas. Subsequently, advised to undertake the following:
  - Prepare and implement contingency measures for the distribution system to ensure readiness
  - Conduct a thorough inspection of the entire distribution system and perform the necessary preventive maintenance, right-of-way clearing, and temporarily collapse power substation infrastructure which may be destroyed
  - Conduct inventory of materials and to preposition them in strategic areas for immediate access
  - Organize a skeletal force/personnel as Quick Response Team for any line or equipment breakdown
  - Assign a stationary lineman in every strategic area to render immediate response
  - Maintain a back-up generator and inventory of critical materials in strategic areas
  - Report all significant outages to NEA
  - Coordinate with local officials and NGCP representatives for harmonization and synchronization of contingency efforts

**24. Metropolitan Manila Development Authority (MMDA)**

- a. Composite teams from different departments are on alert

**25. Philippine Ports Authority (PPA)****PPA Batangas**

- a. Conducts headcount/updating of stranded passengers every four (4) hours.
- b. Convened port management and shipping lines to discuss actions to be taken on stranded passengers and vessels.

**26. Department of Energy (DOE)**

- a. Coordinated with Petron and Shell Petroleum Companies regarding fuel stocks inventory; with available stocks.



## **27. Department of Agriculture (DA)**

- a. Activated Regional Quick Response Center to closely monitor weather situation in the region.

## **28. National Grid Corporation of the Philippines**

- a. Mobilized its line crew and conducting aerial and ground patrol to inspect and assess the impact of the typhoon to its operations and facilities.
- b. Implemented necessary preparations and precautions to minimize the impact of storm on its operation and facilities which includes ensuring availability of hardware materials and supplies necessary for the repair of damages to facilities and repositioning of line crews in strategic areas.
- c. Continuously monitors and inspects transmission lines and other facilities affected.

## **29. Department of Trade and Industry (DTI)**

### **DTI I**

- a. Ensured sufficient supply in markets and other supermarkets and groceries.
- b. Continuous monitoring by Provincial Offices reflecting no effect on prices on commodities.

### **DTI II**

- a. Conducted supply and price monitoring of prime and basic commodities.
- b. Checking of inventory of supermarkets, groceries, stores, and other establishments.
- c. Maintaining visibility in the market of Enforcement and Monitoring Officers.

## **B. REGIONAL / RDRRMC**

- a. RDRRMCs I, II, III, IV-A, IV-B, V, VI, VII, VIII, IX, X, XII, NCR, and CAR continuously disseminates weather advisories to RDRRMC member-agencies, P/C/MDRRMCs, and local media (radio stations) through OCDRC InfoBoard Text Blast System, and upload the same to social accounts to effectively ensure public safety and achieve zero-casualty; alerted and closely coordinates with all PDRRMCs and RDRRMC member-agencies for possible rescue, relief, and other response operations relative to the weather disturbance; and continuously monitors the situation in their respective AORs.
- b. RDRRMCs I, II, III, IV-A, IV-B, V, VIII, IX, X, XII, NCR, and CAR conducted Pre-Disaster Risk Assessment (PDRA) meetings in preparation for the effects of Typhoon LANDO.
- c. Alert status in RDRRMCs I, II, III, IV-A, IV-B, V, and CAR are raised to Red Alert status while RDRRMCs VII, NCR, and XII are placed on Blue Alert status.
- d. RDRRMCs I, II, III, IV-A, and CAR conducted PDRA via Skype video-conferencing with NDRRMC on 17 October 2015.

## **1. RDRRMC / OCD I**

- a. Issued Memoranda regarding Notice of Activation to RED ALERT STATUS of RDRRMC I Operations Center and submission of preparedness measures for TY LANDO.
- b. Prepared and submitted Preparedness Measures regarding TY LANDO to OCD Central Office.
- c. Requested all R/PDRRMCs member agencies to be on standby for possible rescue, relief and other response operations relative to the present weather disturbance.
- d. Coordinated with PCG Bicol regarding stranded passengers in ports of Bicol.

- e. Established Incident Command Post at the RDRRMC Operation Center on 8:00 AM, 17 October 2015.
- f. Conducted emergency meeting with the member agencies for preparedness measures.
- g. Requested four (4) M35 for land transport from NOLCOM to haul relief goods (8,000 family food packs) from DSWD FO1 Regional Warehouse in RRCY Compound, Urayong, Bauang, La Union to Provincial Operation Offices and Satellite warehouses on 18 – 19 October 2015.
- h. Two (2) regional RDANA Teams on standby for possible deployment.
- i. Endorsed the latest DENR-MGB1 report to the Provincial Government of Ilocos Sur re: Relative Direction of Landslide located in Barangay Bequi-Walin Lidlidda, Ilocos Sur as reference for the possibility of immediate evacuation of families in Barangay Bequi-Walin, Lidlidda and Barangay Mapanit, Burgos.
- j. Coordinated with PCG, PN and PA to conduct SAR for the occurrence of flashflood in the Province of Pangasinan, specifically in the five (5) Municipalities of Aguilar, Bugallon, Labrador, Mabini and Mangatarem.
- k. Coordinated with DSWD FO1 for the provision of NFIs for the rescued and evacuated residents in the five municipalities.
- l. Coordinated with DPWH 2nd District Pangasinan to conduct clearing operation to all affected areas.
- m. Requested WASAR Team from 525th ENGR BN for prompt rescue operation to various flooded municipalities in Pangasinan due to river swelling of Agno River basin and its tributaries.
- n. Issued Flood Bulletin No.4 regarding Agno and Allied River Basins from PAGASA to PDRRMC Pangasinan.
- o. Requested NOLCOM re: Aerial Inspection over flooded areas in the western parts of Pangasinan.
- p. Requested PRO-1 for the mobilization of 20 PNP personnel for augmentation of manpower for repacking of relief goods at Regional Rehabilitation Center for Youth (RRCY) at Urayong, Bauang, La Union.
- q. Requested two (2) M35 with appropriate manpower to PN-NTF40 for hauling relief goods from RRCY to Municipality of Mangatarem, Pangasinan.
- r. Requested PRO-1 for at least two (2) 6x6 truck with sufficient manpower to facilitate the movement of relief goods from October 21-24, 2015 and mobilization of 10 PNP personnel each for augmentation of manpower for repacking of relief goods at RRCY and DSWD Warehouse Center in Sta. Barbara, Pangasinan.
- s. OCD together with PIA and 702nd PA conducted an aerial inspection over flooded areas in the western parts of Pangasinan.
- t. Issued Flood Bulletin No. 9 regarding Agno and Allied River Basins from PAGASA to PDRRMC Pangasinan.
- u. Requested mobilization of 10 PNP Personnel for augmentation for the hauling of Food and Non-Food Items to OCD Regional Office I warehouse at Brgy. Oeste, San Fernando City, La Union.

**PDRRMCs Pangasinan, La Union, Ilocos Norte, and Ilocos Sur**

- a. Operations Center on standby status.
- b. Disseminated warning advisories to communities through local radio stations.

**PDRRMC Ilocos Norte**

- a. Issued alert warning to all organic heads of the Provincial Government and to PDRRMC Ilocos Norte member agencies.
- b. Directed C/MDRRMC to be on RED alert status.
- c. Advised PEO and C/MDRRMCs to ready equipment and PSWDO to check available relief goods.

- d. Advised the Agriculture Office to monitor production areas of corn, mango, and tobacco as well as fisheries and livestock.
- e. Informed C/MDRRMCs, PNP, BFP, 5057 SAR team of PAF, and Coast Guard to be on heightened alert.
- f. Placed rescue equipment on standby.
- g. Advised LGUs and farmers to hasten the harvest of palay and secure fish cages and livestock.
- h. Prepositioned relief goods and equipment for rescue and relief operations.
- i. Relief and rescue forces from PNP Provincial Office, 505th Philippine Air Force Search and Rescue Squadron, Philippine Army, Coast Guard, DRTU of the Philippine Navy, EDC and TV5 and all other task groups of the Council are on standby
- j. Prepositioned one (1) dump truck in Dingras and two (2) dump trucks in Pagudpud

#### **PDRRMC La Union**

- a. Prepositioned assets, ready for deployment.
- b. Provincial Health Office (PHO) alerted their Medical Response Team for possible deployment.
- c. Provincial Agriculture Office continues to monitor the agricultural sector.
- d. Continue communication with MDRRMOs for status updates.
- e. Coordinated with all agencies with disaster-emergency concerns.
- f. Conducted SAR Operation for missing person at Barangay Acapulco, San Francisco, City of San Fernando, La Union.
- g. Ongoing repacking of relief goods for affected municipalities at PSWD Office.

#### **PDRRMC Ilocos Sur**

- a. Alerted all its municipalities and government officials.
- b. Operations Center on Red Alert Status.
- c. Rescue team on standby, and equipment are ready for mobilization
- d. Advised all C/MDRRMOs to conduct pre-emptive evacuation in all flood prone areas in their AOR.
- e. Warned fisher folks in coastal areas not to venture into sea until the signal warnings have been lowered.
- f. PDRRMC SAR Team together with GMA and BBC International assessed number of individuals affected at Brgy. Mapanit, Burgos, Ilocos Sur and evaluated cracks along mountains just above the community for possible landslides.
- g. Deployment of PDRRMC SAR Team in Pangasinan for additional assets, 1,100 food packs and 6x6 rescue vehicles, Hilux Rescue Vehicle, two (2) boats with OBM and WASAR equipment.
- h. PDRRMC Response team evacuated affected population from Brgy. Farola, Tampugo and Dardarat, Tagudin, Ilocos Sur to Tagudin Municipal Auditorium.

#### **LGU Burgos, Ilocos Sur**

- a. Extended cost of assistance amounting to ₱25,000.00 to families evacuated to Bessang Elementary School.

#### **PDRRMC Pangasinan**

- a. PDRRMC Tactical Operations Center on 24-hour alert status.
- b. Clustered Disaster Response and Rescue Teams (DRRT), prepositioned assets at the Operations Center, and responders are ready for deployment.
- c. Stockpiled relief goods, medicines, and other basic housing infra-materials.
- d. Prepared evacuation centers for possible utilization.
- e. Continuously monitors weather bulletins and San Roque Dam status.
- f. Coordinated with local leaders to prevent fisherfolks and other small sea vessels from venturing out on the sea during inclement weather.

- g. Activated the PDRRMC Water, Search, and Rescue (WASAR) teams.
- h. Implemented their preparedness plan “Oplan Kahandaan Para sa Bagyong Lando”
- i. Raised alert status to Red.
- j. Conducted PDRA meeting attended by PDRRMC member agencies and offices in preparation for TY LANDO.
- k. Issued memorandum to C/MDRRMOs to implement their preparedness plan and to undertake all precautionary measures.
- l. Implemented information dissemination through tri-media.
- m. Implemented No Swimming Policy along Lingayen Beach due to strong and big waves.
- n. Alerted municipalities along the river basins to prepare for possible flooding and flash floods.
- o. Requested for augmentation from PNP for information dissemination and assistance. The Philippine Army, Navy, Coast Guard, BFP were advised as on-call for augmentation.
- p. DILG Regional and Provincial’s Advisory Re Preparation of Evacuation Centers, Pre-Emptive Evacuation and Preventing Fishermen from venturing out to the sea as well as Commencement of Flood Warning Phase of the Flood Warning Operation from PAGASA were disseminated to the Public with all available resources.
- q. Conducted clearing operations at Lingayen due to fallen trees.
- r. Informed MDRRMOs to conduct clearing operations within their areas of responsibilities.
- s. PDRRMO WASAR conducted rescue operation at Alvier II Brgy. Poblacion, Lingayen, Pangasinan.
- t. Multiple clearing operations for several fallen trees at the vicinities of Lingayen, Pangasinan.
- u. Augmentation of SAR Operations and public safety services of Pilipinas 911 of Cabanatuan, Nueva Ecija.
- v. Conducted coordination meeting with International Organization for Migration (IOM) and Advance Micro Finance Corporation (AMFC).

## **2. RDRRMC / OCD II**

- a. Conducted Pre-Disaster Risk Assessment at PAGASA Northern Luzon Regional Services Division attended by selected RDRRMC member-agencies.
- b. Continuously monitoring the regional situation.
- c. Continuous dissemination of Weather Advisories/Bulletins, Gale Warnings and Weather updates to RDRRMC2 member-agencies, P/C/MDRRMCs, Media and other stakeholders thru Smart Information Board Text Blast System, SMS, e-mail, facsimile and social media.
- d. Close coordination with RDRRMC Member-Agencies and P/C/MDRRMCs on the TY “LANDO” updates.
- e. Advised RDRRMC-members to activate their respective Emergency Operations Centers.
- f. Conducted Pre-Disaster Risk Assessment with NDRRMC thru Tele-Conference at OCD Conference Room, Camp Adduru, Tuguegarao City and DSWD FO2 Conference Hall, Tuguegarao City on 17 October 2015.
- g. Distributed non-food items to the provinces of Cagayan and Isabela.
- h. Conducted Emergency Meeting at the DSWD Conference Hall, Tuguegarao City, attended by RDRRMC Member-Agencies, PDRRMC Cagayan and Isabela, and other stakeholders on 19 October 2015, 1:30 PM.

### **PDRRMCs Isabela and Quirino**

- a. Conducted PDRA.

**PDRRMC Cagayan**

- a. Continuously monitors the provincial situation and coordinates with M/CDRRMCs.
- b. Alerted Rescue 29 for possible deployment.
- c. Prepared stockpile of relief items.
- d. Conducted PDRRMC Meeting to discuss the effects of TY LANDO.
- e. Continuously disseminates weather advisories/bulletins to PDRRMC members.

**MDRRMCs Sta. Teresita and Tuao**

- a. Conducted emergency meeting regarding preparations for TY LANDO.
- b. Prepositioned response assets.
- c. Disseminated weather advisories/bulletins to MDRRMC Members and BDRRMCs.

**MDRRMC Sta. Teresita**

- a. Advised BDRRMCs to conduct pre-emptive evacuation if necessary.

**MDRRMCTuao**

- b. Conducted Pre-Disaster Risk Assessment (PDRA).

**MDRRMC Plat**

- a. Placed Rescue 18 on alert status.
- b. Advised BDRRMCs to evacuate work animals to safer place.

**MDRRMC Peñablanca**

- a. Placed Rescue 24 on alert status.
- b. Disseminated weather advisories/bulletins to MDRRMC Members and BDRRMCs.

**MDRRMCs Calayan, Sta. Ana, and Aparri**

- a. Monitoring of situation in their respective AORs.
- b. Coordinated with BDRRMCs.
- c. Disseminated weather advisories/bulletins to MDRRMC Members and BDRRMCs.
- d. Implemented No Sail Policy.
- e. Convened MDRRMC re preparations for TY LANDO.

**MDRRMC Sta. Ana**

- a. Implemented No Sail Policy in their AOR.

**MDRRMC Gonzaga**

- a. Conducted Pre-Disaster Risk Assessment (PDRA).
- b. Prepositioned/prepared equipment for rescue and clearing operations.
- c. Prepared stockpile of relief items.
- d. Activated Oplan Listo.
- e. Conducted site visit to coastal barangays to conduct information-dissemination and to monitor the situation.

**MDRRMCs Buguey and Lasam**

- a. Conducted PDRA and placed response assets and rescue teams on standby.
- b. Closely coordinated with BDRRMCs in their respective AORs.
- c. Disseminated weather advisories/bulletins to MDRRMC Members and BDRRMCs.
- d. Prepositioned response assets and rescue team; on standby for any eventualities.

**CDRRMC Tuguegarao**

- a. Conducted PDRA

- b. Alert status in the CDRRMC Operations Center was raised Charlie effective 15 October 2015, 11:00 AM.
- c. Directed BDRRMCs to undertake precautionary measures and initiate the conduct of pre-emptive evacuation of families in low-lying and flood-prone areas in their respective AORs if situation warrants.
- d. Directed Tuguegarao City government employees to augment on the conduct of emergency preparedness and response.
- e. Positioned task force at Rescue 1111 Outpost.
- f. Prepositioned 100 packs of relief goods.
- g. Continuously monitors the installed rain gauge and water level monitoring stations.

#### **PDRRMC Isabela**

- a. PDRRMC conducted a meeting on the preparedness activities regarding TY LANDO on 14 October 2015 at 2:00 PM.
- b. Sent radio message to different towns and municipalities.
- c. Placed team on standby for possible deployment.
- d. Continuously monitors all coastal towns, weather and sea condition, Magat Dam water level, and Overflow Bridge situation.
- e. Conducted PDRA.
- f. Disseminates information and precautionary measures to all MDRRMCs.
- g. Prepositioned response assets and 2,000 Family food packs in four coastal areas.
- h. Implemented No Sail Policy and Liquor Ban in their AOR.
- i. Advised flood and landslide prone areas and coastal areas to conduct pre-emptive evacuation as situation warrants.

#### **MDRRMCs Divilacan, Maconacon, Palanan and Dinapigue (Coastal areas)**

- a. Monitors the situation in their respective AORs.
- b. Coordinated with BDRRMCs.
- c. Disseminated Weather Advisories to DRRMC members.
- d. Conducted PDRA.
- e. Observed the implementation of No Sail Policy.

#### **MDRRMC Divilacan**

- a. Placed MDRRMC Operations Center on heightened alert.
- b. Observed implementation of No Sail Policy and Liquor Ban in close coordination with BDRRMCs.
- c. Distributed 218 family food packs to fisherfolks and Agta indigenous people due to the implementation of No Sail Policy.
- d. Identified evacuation centers, stockpiled relief goods, and installed radio bases.

#### **MDRRMC Maconacon**

- a. Prepositioned rescue equipment and relief items.
- b. Observed implementation of No Sail Policy and Liquor Ban.
- c. Distributed 585 relief packs to fisherfolks affected by the No Sail Policy.
- d. Prepared evacuation centers.

#### **MDRRMC Palanan**

- a. Distributed family food packs to fisherfolks affected by the No Sail Policy.
- b. Alerted the coastal barangays for possible occurrence of storm surge.
- c. Stockpiling of relief items.

#### **MDRRMC Dinapigue**

- a. Prepared identified evacuation centers.
- b. Prepositioned heavy equipment and prepared communication equipment.
- c. Stockpiled 500 food packs for evacuees.

- d. Implemented No Sail Policy and Liquor Ban.
- e. Conducted field visit in coastal barangays to monitor the situation and inform the community of the possible impact/effects of TY LANDO.

**MDRRMC San Mariano**

- a. Conducted MDRRMC meeting regarding preparations for TY LANDO.
- b. Alerted BDRRMCs in the municipality.
- c. Distributed family food packs to ten (10) vulnerable families in Barangay Sta. Filomena.

**CDRRMC Cauayan City**

- a. Conducted CDRRMC Council Meeting regarding TY LANDO.
- b. Conducted PDRA.
- c. Monitors the situation of roads and bridges and water level of Magat Dam.
- d. Continuously disseminates information regarding typhoon updates on social media.
- e. Kept all communication lines open for inquiries regarding TY LANDO
- f. Prepared disaster response equipment and alerted CDRRMO personnel for possible activation of Disaster Response Team.
- g. Implemented No Sail Policy and Liquor Ban.

**CDRRMC Ilagan City**

- a. Placed on heightened alert status.
- b. Convened MDRRMC regarding preparations for TY LANDO.
- c. Continuously disseminates weather advisories to MDRRMC members and BDRRMCs.
- d. Ensured the availability of 1,200 stockpiled family food packs for relief operations.

**CDRRMC Santiago City**

- a. Convened MDRRMC regarding preparations for TY LANDO.
- b. Continuously disseminates weather advisories to MDRRMC members and BDRRMCs.
- c. Response assets are ready for deployment.

**PDRRMC Nueva Vizcaya**

- a. Continuously monitors the provincial situation.
- b. Alerted all MDRRMOs in the province.
- c. Placed rescue teams and assets on standby.
- d. Food and Non-Food Items and medicines are readily available.

**MDRRMC Dupax del Sur and Sta. Fe**

- a. Disseminates weather advisories to BDRRMCs and continuously monitors their AOR.
- b. Response assets are ready for deployment.

**MDRRMC Villaverde**

- a. Convened regarding preparations for TY LANDO.
- b. Disseminates weather advisories to BDRRMCs.
- c. Closely coordinates with PNP for any eventualities.

**MDRRMCs Diadi, Bayombong, Bagabag, Quezon, Alfonso Castañeda, Ambaguio, Kasibu, and Dupax del Norte**

- a. Convened MDRRMC regarding preparations for TY LANDO.
- b. Disseminated weather advisories to BDRRMCs.

**PDRRMC Quirino**

- a. Continuously monitors the provincial situation and dissemination of weather advisories to P/MDRRMC Members.



- b. Conducted Pre-Disaster Risk Assessment (PDRA).
- c. Alerted all MDRRMOs in AOR.
- d. Prepositioned response assets and relief items.

**MDRRMCs Saguday, Maddela, Cabbaroguis, Aglipay, and Diffun**

- a. Disseminates weather advisories to BDRRMCs in their respective AORs.
- b. Conducted MDRRMC emergency meeting.
- c. Placed rescue teams on standby for the conduct of possible evacuation and response to any untoward incidents.

**MDRRMC Diffun**

- a. Stockpiled relief goods and prepositioned response assets.

**PDRRMC Batanes**

- a. Continuous monitoring the provincial situation and dissemination of weather advisories to P/M/B DRRMCs.
- b. Placed response assets on standby.

**3. RDRRMC / OCD III**

- a. Advised all local DRRMCs to activate their Emergency Operations Centers.
- b. Prepositioned three (3) Thuraya Satellite Phone kits at the RDRRMC III Operations Center on 16 October 2015.
- c. Coordinated with DSWD regarding the 2,200 Family food packs to be delivered at the OCD III Clark Warehouse, Clark Freeport Zone, Angeles.
- d. Conducted Pre-Disaster Risk Assessment (PDRA) for the possible effects of TY LANDO on 14 October 2015, 10:00 AM at OCD III Conference Room, San Fernando City, Pampanga.
- e. Conducted another PDRA on 17 October 2015 at OCD III Conference Room, San Fernando City, Pampanga attended by member-agencies (DSWD, DOH, DPWH, PAGASA, PNP, BFP, and 48<sup>TH</sup> IB representing 7<sup>th</sup> ID) via video-conferencing with NDRRMC Executive Director USec Alexander Pama at the NDRRM Operations Center, CGEA, Quezon City.
- f. Prepositioned 3 Thuraya Satellite Phone Kits at the RDRRMC/OCD III Operations Center.

**PDRRMC Aurora**

- a. Placed their Emergency Operations Center (EOC) on Blue Alert Status effective 14 October 2015.
- b. Warned all municipalities in low-lying areas for possible flashfloods and storm surge on the coastal areas.
- c. Activated 24/7 operation center, monitor and ensure the dissemination of Weather Advisories thru SMS, radio messages, letters and websites to Barangay Disaster Risk Reduction and Management Council.
- d. Issued Directives re: No outdoor activities along the beaches of Baler, Aurora starting 5:00 PM, 16 October 2015.
- e. Prepositioned equipment.
- f. Close coordination with MDRRMO, PNP, Coast Guards and Barangay Officials to ensure the effective implementation of directives.
- g. Other coastal municipalities likewise issued directives re: No outdoor activities along the beaches of their respective beaches starting 6:00 PM, 17 October 2015.
- h. Food inventory and stockpiling and preparation of possible evacuation centers.
- i. Warning issued to the people residing at the coastal areas regarding possible storm surge.
- j. Advised all fisherfolks not to sail until further notice.

- k. Activated SRR and Emergency Response Team.
- l. Advised all residents for the possibility of pre-emptive evacuation in flood, landslides, and storm surge-prone areas.
- m. All hotels, lodging house, inn owners were advised to take precautionary measures for tourist and guests.

#### **MDRRMC Baler**

- a. On heightened alert status.
- b. Informed and instructed the Municipal Tourism Officer to advise tourist to cancel their visits to Baler, Aurora until weather condition improves.
- c. Issued directives to 13 barangays, PCG-Baler, Local Radio Stations and fisherfolks not to venture out at sea.
- d. Conducted inspection and identified evacuation centers.
- e. Assessed readiness of the SAR team in terms of manpower and equipment.
- f. Issued Advisory prohibiting the conduct of Outdoor activities such as swimming, surfing, diving, water sports, boating and fishing, and picnics.
- g. Conducted PDRA on 15 October 2015 and reminded BDRRMCs to conduct PDRA in their AOR and initiate public awareness re the weather disturbance.
- h. Issued directives regarding prohibition on outdoor activities along the beaches of Baler, Aurora effective 5:00 PM, 16 October 2015.

#### **MDRRMC Dingalan**

- a. MDRRMO placed their Emergency Operations Center (EOC) on Blue Alert status.

#### **MDRRMC Dipaculao**

- a. Placed on Red Alert status to closely monitor the situation in their AOR.
- b. Reminded all BDRRMCs regarding the directives on the prohibition on fishing, sailing, and water activities.
- c. Ordered the conduct of pre-emptive evacuation.

#### **PDRRMC Tarlac**

- a. On Blue alert status effective 14 October 2015, 11:00 AM.
- b. Alerted all MDRRMCs to closely monitor the situation in their respective AOR
- c. Coordinated with Tarlac Police Provincial Office, 3rd Mechanized Infantry Battalion, 522<sup>nd</sup> Engineering Battalion, Tactical Operations Group 3, PAF, Provincial Engineers Office/Provincial Equipment Pool Office, and other concerned agencies for possible deployment of assets and personnel if the need arises.

#### **MDRRMC Dilasag**

- a. Placed under Blue Alert Status effective 14 October 2015 for continuous monitoring of the possible effects of TY LANDO in their AOR.

#### **PDRRMC Bulacan**

- a. Coordinated with C/MDRRMC, BFP, PNP, Rescue Teams and other concerned agencies regarding their preparation for the possible effects of TY LANDO.
- b. Disseminated Dam updates thru text blasting, social media accounts to all C/MDRRMOs, member agencies, NGOs, GAs, and other stakeholders.
- c. Conducted PDRRMO/Bulacan Rescue Staff meeting in preparation to the incoming typhoon.
- d. All MLGOOs have submitted checklist on the Monitoring of Preparedness Actions of LGUs under their AOR.
- e. Sixteen (16) LGUs have convened their respective LDRRMCs which include the following: Angat, Baliwag, Bocaue, Bulakan, Bustos, Calumpit, Doña Remedios Trinidad, Malolos City, Meycauayan City, Norzagaray, Obando, Pandi, Plaridel, Pulilan, San Rafael, and Santa Maria.

- f. All LGUs have activated their respective operation centers on a 24-hour basis.

**MDRRMC San Miguel**

- a. Requested the Municipal Engineering to place all dump truck drivers and heavy equipment operators on alert status. Coordinated personnel, MHO, MSWD, FSRR, and Barangay Captains.

**MDRRMC Bocaue**

- a. Conducted their PDRA meeting.

**MDRRMC San Rafael**

- a. Continuous monitoring on the movement of typhoon.  
b. Informed all barangays regarding heavy rains and possible flashflood.

**MDRRMC San Jose Del Monte**

- a. Constant monitoring on weather updates.

**MDRRMC Hagonoy**

- a. Prepositioned equipment and personnel.  
b. 24/7 monitoring.  
c. Disseminated information to Barangays.

**PDRRMC Nueva Ecija**

- a. Disseminated typhoon warning information to all Municipalities and Cities of Nueva Ecija especially to the flood-prone areas.  
b. Continuously monitors the water elevation in Pantabangan Dam.  
c. Placed Nueva Ecija SAR on standby for possible deployment.  
d. Made stockpile of medicines, food and non-food items available.  
e. Advised all LCEs to activate their respective LDRRMCs and instructed residents living in low-lying areas and landslide-prone areas to take necessary precautions and evacuate to safer grounds  
f. Disseminated SMS from SILG to the C/MGLOOs and to City/Municipal Mayors.  
g. The LGUs have convened their respective LDRRMC upon receipt of advisory and the Punong Barangays have been informed of the Weather Forecast issued by PAGASA.  
h. Appealed to bus operators to defer their travel to the province and neighboring Aurora province beginning 6:00 PM, 17 October 2015.

**PDRRMC Pampanga**

- a. Advised PDRRMC members to monitor possible effects of TY LANDO in the province.  
b. Advised MDRRMOs along Pampanga River to monitor their barangays for possible increase of water level.  
c. Placed PDRRMO Operations Center, rescue personnel and equipment on standby.  
d. Advised C/MDRRMOs to activate and convene as needed.  
e. Issued advisories to all City/Municipality Mayors through their respective offices on 17 October 2015 regarding the following:
- Alert the communities to prepare for light to moderate rains and winds
  - Convene the City/Municipal Disaster Risk Reduction and Management Council
  - Activate their Operations Center and conduct Disaster Monitoring Operation
  - Ensure all communication lines and radio equipment are active and properly charge their batteries.
  - Preposition resources such as rescue equipment and vehicles for easy deployment, if the need arises.

- Have City / Municipal Rescue teams and disaster volunteers on stand-by and ready for deployment.
  - Advise constituents to prepare their properties and families for rains and flooding and continuously disseminate weather advisories.
  - Monitor critical areas on flooding and landslide in your AOR.
  - Conduct pre-emptive evacuation for all coastal/upland barangays and areas living along Pampanga River within their AOR
  - Immediately report any untoward eventuality that may happen in the locality.
- f. Keep in close contact with the PDRRMO and submit regular reports.
  - g. Issued advisories to the PDRRMC Members to:
    - Advise to be on alert and monitor the overall situation
    - Preposition resources and alert personnel for easy deployment as found needed
    - Keep communication lines open and active and report any eventuality or untoward incident
  - h. Prepared 5,000 packs of relief goods at the PDRRMO OPCEN.
  - i. Ensured the availability of 10,000 empty sacks at the PDRRMO Warehouse.
  - j. Activated Provincial Emergency and Medical Response Unit (PEMRU) composed of Doctors and Nurses with response vehicle.

#### **PDRRMC Zambales**

- a. On Blue Alert Status effective 14 October 2015, 11:00 AM to closely monitor the situation.
- b. Placed PDRRMC Response Agencies on standby for possible activation.
- c. Alerted MDRRMO and advised to closely monitor their AOR particularly the landslide and flood-prone areas.
- d. Activated its Operations Center effective 14 October 2015.

#### **PDRRMC Bataan**

- a. Activated the PDRRMC and DILG Provincial Operations Center on 14 October 2015.
- b. Prepositioned rescue equipments and vehicles for possible deployment.
- c. Alerted all rescue team to be on standby and ready for deployment.

#### **CDRRMC Cabanatuan**

- a. Conducted weather and waterways monitoring on 16 October 2015.
- b. Convened a meeting at the City Mayor's Office conference room.
- c. Advised All Barangays along Pampanga River and Cabu River Floodways to monitor and conduct pre-emptive evacuation, if necessary.
- d. Prepositioned equipment and resources.
- e. All CDRRMC Concerned Agencies are on RED ALERT and advised to monitor, prepare, coordinate, and be proactive.

#### **CDRRMC San Fernando**

- a. CDRRMO CSFP Emergency Operations Center is partially activated effective 8:00 AM 16 October 2015 for the time being.
- b. Disseminated NDRRMC advisories to the Local Chief Executive, Chairman, Peace and Order Committee, CDRRMC Members, BDRRMCs thru the office hotlines, Facebook page, Facsimile, email and text blasting for widest dissemination of information and warnings.
- c. Monitor automated weather station strategically located at City College CSF and automated rain gauges at Motorpool and Northville.
- d. Alert and Monitoring Committee (AMC) is continuously monitoring the City's critical infrastructure and/or waterways, coordinates and conducts clearing of drainage systems and creeks.

- e. Response Coordination Committee (RCC) has 1 team pre-positioned at the CDRRM Office and 2 teams on-call/stand-by.
- f. Operational Coordination Committee (OCC) has already coordinated with the members of the Evacuation Committee for any eventualities.
- g. Prepositioned goods and resources of Resource Mobilization Committee (RMC) at Alasas Warehouse.
- h. Information Management Committee (IMC) is conducting timely-factual information dissemination strategies thru is Facebook page and media-links.

#### **4. RDRRMC / OCD IV-A**

- a. Instructed all LDRRMCs to alert their respective Emergency Response Teams to be on standby and ready for deployment.
- b. Advised LDRRMOs to convene their respective LDRRMCs to ensure preparedness measures are in place.
- c. Disseminated RDRRMC IV-A memorandum to RDRRMC member agencies and CALABARZON LDRRMOs regarding Preparations for TY LANDO.
- d. Advised all LDRRMCs to closely monitor situation in their respective Areas of Responsibility. The LDRRMCs are also instructed to alert their Emergency Response Teams to be on standby alert status and be ready for deployment in case needs arises.
- e. Advised LDRRMOs to convene their respective LDRRMCs to ensure preparedness measures are in place.
- f. Disseminated RDRRMC 4A Memorandum re Preparations for TS "LANDO" to RDRRMC member agencies and the CALABARZON LDRRMOs.

#### **PDRRMCs Cavite, Laguna, Batangas, Rizal, and Quezon**

- a. Activated their Operations Center.
- b. Placed SRR teams on standby and ready for deployment.
- c. Directed City and Municipal DRRMCs to alert communities in low-lying areas, landslide- and flood-prone areas.
- d. Prepositioned SAR equipment in strategic areas.
- e. Activated contingency plan for typhoon.

#### **5. RDRRMC / OCD IV-B**

- a. Continuously coordinates with response agencies in their AOR.

#### **PDRRMCs MIMAROPA**

- a. Closely monitors the situation in their respective AORs.
- b. Placed responders and MDRRMOs on standby alert.
- c. Continuously disseminates weather advisories to their AORs.

#### **6. RDRRMC / OCD V**

- a. Conducted Pre-Disaster Risk Assessment Meeting on 15 October 2015 for TY LANDO at Handyong Hall, OCD V, Camp Ola, Legazpi City.
- b. Maintains 24/7 duty personnel to monitor LDRRMCs and concerned agencies regarding incidents that may occur in their AORs and actions undertaken. Operations Center was placed under Blue and Red Alert Status on 13 October 2015 (12:00 NN) and 16 October 2015 (5:00 AM) respectively.
- c. Continuous coordination with PDRRMCs regarding the weather situation and advised to closely monitor the situation especially in low-lying areas and to report any untoward incident in connection with the latest weather disturbance.
- d. Issued Memo to RDRRMC Response Agencies and LDRRMCs to be on standby.
- e. Alerted of Disaster Response Units.

- f. Provided Fuel, Oil, and Lubricants (FOL) to OCD V personnel for possible assessment augmentation.
- g. Coordinates with PCG Bicol and PDRRMCs regarding the stranded passengers in the ports of Bicol.

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

- a. On close monitoring of the developments of TY "LANDO".
- b. Continuously disseminate weather advisories.

**PDRRMC Albay**

- a. Issued PDRRMC Advisory Nos. 1 and 2.

**PDRRMC Camarines Norte**

- b. Alerted LDRRMOs for possible deployment if situation warrants.
- c. PDRRMC and MDRRMCs on continuous monitoring and close coordination.

**PDRRMC Camarines Sur**

- a. Issued memorandum to LGUs to put DRRM Offices and Operations Center on heightened alert status.
- b. Released memoranda to Mayors, MDRRMOs, Barangay Captains, BDRRMOs, PDRRMC members and Chief of Hospitals to be on Red Alert Status.
- c. Convened on 16 October 2015, 2:00 PM.
- d. Notified the PDRRMC Operations Center and rescue teams to be on full alert status.
- e. Validated the reported flooded areas.
- f. Relief goods for distribution for island barangays of Garchitorena.

**PDRRMC Sorsogon**

- a. Issued memorandum to different resources to increase the level of preparedness and keep them abreast with the weather disturbance.
- b. Coordinates with DRRMOs informing them to similarly take into consideration the impending weather disturbance.
- c. Coordinates with different Council Members to harmonize respective contingency plans.
- d. Conducts information dissemination campaign through radio broadcast to provide corresponding guidance and reminders to the public.
- e. Assigned staff for a round-the-clock monitoring, receiving of information, and respond to inquiries in the office and Operation Center.

**PDRRMC Masbate**

- a. Continuous dissemination of weather advisories and monitoring of weather forecasts and early warning systems.
- b. Assigned personnel in the Operations Center on a 24-hour basis.
- c. Alerted respective search and rescue teams and other resources for any eventualities.
- d. Continuous coordination with MDRRMCs, BDRRMCs, and other stakeholders.

**MDRRMC Casiguran**

- a. Alerted all M/BDRRMO, PNP, LGUs, Rescue Teams, and Youth Volunteers.
- b. Disseminates weather advisories through Smart InfoBoard.
- c. Issued directives to report effects of the weather disturbance in their AOR.

**CDRRMC Naga**

- a. Monitors the situation in their AOR.
- b. Continuously disseminates weather advisories.
- c. Issued class suspension for Pre-School and Elementary.

**PDRRMC Catanduanes**

- a. Convened on 15 October 2015 for preparation for TY LANDO.

**7. RDRRMC / OCD VII****PDRRMC Cebu, Bohol, and Siquijor**

- a. On heightened alert status.

**8. RDRRMC / OCD XII**

- a. Activated OCD XII Operations Center.
- b. Alerted all RDRRMC XII agencies, PDRRMOs, CDRRMOs, and MDRRMOs.
- c. Reviewed the list of active responders and SAR groups available for deployment.

**PDRRM Cotabato**

- a. Established an operations center in the Municipality of Pikit to easily monitor other flood-prone LGUs like Kabacan, Carmen, Matalam, Midsayap, and Pigcawayan to monitor the situation in the area.

**9. RDRRMC / OCD CAR**

- a. Alerted the public for possible occurrence of landslide and flooding.
- b. Alerted the Cordillera Response Cluster.
- c. Coordinated with DOTC and request for order of suspension of operations in public utility vehicle terminals if the weather condition is deemed by officials to be unsafe for travelling.
- d. Set-up the emergency back-up telecommunication kit and the Thuraya Satellite phones.

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

- a. Placed assets and equipments on standby for possible SRR operation.
- b. Ensure rapid and wide dissemination of information to the municipalities and members of PDRRMC.
- c. Alerted officials and residents in the flashflood and landslide prone areas.

**PDRRMC Apayao, Ifugao, Benguet, and Mt. Province**

- a. Raised the alert status of their respective Operations Centers to Blue.

**PDRRMC Kalinga and CDRRMC Baguio City**

- a. Raised the alert status of their respective Operations Center to Red.

**PDRRMC Apayao**

- a. Prepositioned assets and placed response agencies and responders on standby.
- b. Directed surveillance agencies and PDRRMO Apayao to monitor the possible effects of TY LANDO.
- c. Issued a memorandum directing all the MDRRMCs to execute pre-emptive evacuation of residents in high risk areas.

**PDRRMC Kalinga and Ifugao**

- a. Alerted SRR teams and placed on standby.

**PDRRMC Ifugao**

- a. Prepositioned rescue equipment and Harris Manpack radio.

**PDRRMC Benguet**

- a. Activated Provincial DRRM Operation Center.
- b. Heavy equipments are on standby along Sinipsip-Ampusongan road.
- c. PDRRMC personnel together with the MDRRMC are still on standby for possible deployment in Ampusongan.



**PDRRMC Mt. Province**

- a. Ambulance and pick-up car are on standby.
- b. PDRRMC based Thuraya is now activated.
- c. Conducted Emergency Meeting with DOST, DSWD, PRC, PNP, and Responders

**CDRRMC Abra**

- a. Cleaned Rain Gauges at Salapadan, Abra.

**CDRRMC Baguio City**

- a. Disseminated alerts, weather advisories, warning and information on precautionary measures to the general public.
- b. Mobilized all operatives and trained volunteers of the City Disaster Operations Center.

**10. RDRRMC / OCD NCR**

- a. All LGUs in NCR are on alert status, placed resources and assets on standby, and continuously monitors the progress of TY LANDO.
- b. Activated Task Force-NCR as of 16 October 2015, 8:00 AM, to monitor the effects of TY LANDO.

**Outdoor Advertising Association of the Philippines (OAAP) – NCR**

- a. Rolled down their billboards along EDSA in preparation for the effects of TY LANDO.

**CDRRMCs Malabon City, Muntinlupa City, Parañaque City, Pasig City, Municipality of Pateros, and Taguig City**

- a. On Blue Alert Status.
- b. Prepositioned response equipment.

**CDRRMCs Quezon City, San Juan City, and Mandaluyong City**

- a. On Yellow Alert Status.

**CDRRMC Caloocan City**

- a. Conducted a council meeting regarding preparations for TY LANDO.
- b. Alerted flood prone barangays: Barangays 160, 164, and 120.
- c. Prepositioned rescue teams.
- d. Constantly monitors the Tullahan River.

**CDRRMC Makati City**

- a. Monitors the situation through radio and Closed Circuit Television.

**CDRRMC Mandaluyong City**

- a. Placed traffic management teams on standby.

**CDRRMC Marikina City**

- a. Alerted all flood prone barangays

**CDRRMC Muntinlupa City**

- a. Continuously monitors the weather situation and disseminates weather advisory to barangays.
- b. Alerted residents of Sitio Salvacion in Barangay Tunasan.
- c. Social Services Department prepared relief goods in case evacuation occurs.
- d. Placed evacuation centers on standby for accommodation.
- e. Alerted barangays and advised to monitor low-lying areas near Laguna Lake.
- f. Placed DRRMO Rescue Teams on standby alert.

**CDRRMC Parañaque City**

- a. Parañaque City DRRMC was alerted.
- b. Prepositioned rescue equipment.
- c. On Orange Alert.

**CDRRMC Pasay City**

- a. Flood teams have been activated.
- b. Prepositioned assets at low-lying areas.
- c. Dissemination of current status of TY LANDO to barangays.
- d. Continuous monitoring of weather forecast through DOST-PAGASA.

**CDRRMC Pasig City**

- a. On Red Alert.
- b. Fire and Rescue Engineering Group in-charge of Pumping Stations and BDRRMCs are on high alert.

**MDRRMC Pateros**

- a. Pateros Rescue Unit on Blue Alert and 24/7 monitoring.
- b. Medical and sanitation supplies, and food packs are on standby.
- c. Flood rescue equipment, vehicles, ambulances are ready for dispatch.
- d. Metro Manila Development Authority- Flood Control Information Center (MMDA-FCIC) is continuously monitoring the flood water level.

**CDRRMC Quezon City**

- a. Conducted PDRA.
- b. All barangays on yellow alert.
- c. Prepositioned rescue equipment in low areas: Barangay Doña Imelda, Tatalon, Sta. Monica, and Camp Karingal.
- d. Deployed warning and alert teams in landslide prone barangays: Barangay Payatas, Batasan Hills, Bagong Silangan, and Barangay Commonwealth.
- e. Department of Public Order and Safety (DPOS) on alert status.

**CDRRMC Valenzuela City**

- a. Prepositioned monitoring teams in high-risk areas.
  - b. Ensured the availability of evacuation centers for occupancy.
  - c. Placed response teams on standby.
  - d. Refueled all rescue vehicles, generator sets and outboard motors (OBMs) for possible water rescue.
  - e. Disseminated information to the 32 barangays identified as low-lying and flood-prone areas.
  - f. Directed all barangays to submit timely and accurate status report of flood and evacuation areas.
  - g. All personnel were advice to be in full alert.
  - h. All communication equipment was calibrated.
  - i. Volunteer support groups are standby for possible deployment to affected areas.
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**Preparedness Measures and Effects of TY “LANDO”****DISASTER RESPONSE****03 November 2015, 6:00 AM**

1. Activated Response Clusters effective on 16 October 2015, 12:00 NN, to monitor and act accordingly on identified/required needs and resources for response operations.
2. Response Clusters Meetings:
  - 17 October 2015, 2:00 PM at NDRRMC Conference Room (2<sup>nd</sup> floor), attended by NDRRMC Response Cluster members and UN Humanitarian Country Team (UNHCT)
  - 18 October 2015 at the NDRRMOC Conference Room (1<sup>st</sup> floor), presided by DSWD ASec. Vilma Cabrera
  - 20 October 2015 at the NDRRMC Conference Room (2<sup>nd</sup> floor), presided by DSWD ASec. Vilma Cabrera
  - 21 October 2015 at the NDRRMC Conference Room (2<sup>nd</sup> floor), presided by DSWD ASec. Vilma Cabrera
  - 22 October 2015, 9:00 AM at the NDRRMC Conference Room (2<sup>nd</sup> floor), presided by DSWD Dir. Ma. Teresa Briones
  - 22 October 2015, 4:00 PM at the NDRRMC Conference Room (2<sup>nd</sup> floor), presided by DSWD ASec. Vilma Cabrera
  - 23 October 2015, 12:00 NN at the NDRRMC Conference Room (2<sup>nd</sup> floor), presided by DSWD ASec. Vilma Cabrera
3. The Response Clusters activated the Emergency Response Information Center (ERIC). ERIC introduced and utilized the web-based platform, “Philippine National Disaster Response Pillar”, intended for information exchange and harmonization of the efforts of all government agencies responding to any eventuality.
4. Activated volunteer groups for Search, Rescue and Retrieval (SRR) and Rapid Emergency Telecommunications Team (RETT).
5. On 21 October 2015, 7:25 AM, DSWD Secretary Corazon Juliano-Soliman, DILG Secretary Mel Senen Sarmiento, NDRRMC Executive Director and OCD Administrator USec. Alexander P. Pama, representatives from Philippine Disaster Response Foundation and Philippine Air Force (PAF) proceeded to Baler, Aurora for distribution of food items to the affected families.
6. RDRRMC Region I conducted Aerial Survey in the Western and Eastern part of Pangasinan following the Agno River System and some parts of Central Pangasinan on 21 October 2015.
7. OCD-RDRRMC III conducted aerial survey to the areas devastated by the typhoon in the province of Aurora on 21 October 2015.
8. President Benigno S. Aquino III together with the members of his Cabinet and NDRRMC Administrator, travelled to the Provinces of Aurora, Pangasinan, Nueva Ecija, Pampanga, and Bulacan on 22 October 2015 to personally inspect the damages brought about by Typhoon “Lando”. The President also led relief operations in Nueva Ecija.
9. NDRRMC organized a Task Force Ground Zero who left for Casiguran via C130 to conduct initial assessment:
  - Task Force Ground Zero Incident Management Team conducted briefing for security plan in the movement of relief operations in San Ildefonso, Casiguran, Aurora
  - Task Force Ground Zero together with BFP-NHQ and WFP personnel established the NDRRMC Response Cluster warehouse facility hub for relief goods at Agricula Convention Center, Casiguran, Aurora.

- Task Force Ground Zero conducted operational briefing presided by the Incident Commander together with the National Disaster Response Cluster Team Head.
10. Abra PDRRMC conducted an aerial survey on tributaries along Abra River thru the PAF – Tactical Operations Group 1 (TOG 1) on 24 October 2015.
11. Damage Assessment and Needs Assessments (DANA) / Rapid Damage Assessment and Needs Assessments (RDANA):
- RDRRMC I
    - ✓ RDANA Teams were deployed to Mabini, Agno, Bani and Alaminos, all in Pangasinan on 26 October 2015
  - RDRRMC II
    - ✓ PDRRMC Cagayan deployed DANA team to monitor flooded areas in the province
    - ✓ OCD II together with OCD IV-B deployed DANA Team to assess the effects of Typhoon LANDO in Quirino and Nueva Vizcaya Provinces
    - ✓ Conducted RDANA Exit Conference with RDRRMC IV-B Damage Assessment and Needs Analysis Team re Effects of TY LANDO
  - RDRRMC III
    - ✓ RDANA Teams Baler, Casiguran, and Dilasag conducted initial assessment in Barangay Zabali, Baler; six (6) Barangays in Poblacion, Casiguran; and Barangays Manggitahan, Esperanza, Lawang and Ura
    - ✓ On 26 October 2015, the Joint NDRRMC and IHCT deployed in the Provinces of Aurora and Nueva Ecija, presented the RDANA Report to RDRRMC III Council
  - RDRRMC IV-B
    - ✓ OCD IV-B together with OCD II deployed Damage Assessment and Needs Analysis Team to assess the effects of Typhoon LANDO in Quirino and Nueva Vizcaya Provinces
    - ✓ Conducted RDANA Exit Conference with RDRRMC II Damage Assessment and Needs Analysis Team re Effects of TY LANDO
  - DOH Central Office coordinated with UNHA Partners and NDRRMC for the conduct of joint RDANA particularly on health aspect.
12. Memorandum issued by DSWD ASec. Vilma B. Cabrera declaring the Response Cluster Operations at the NDRRMC Operations Center deactivated effective 29 October 2015.

## **A. CAMP COORDINATION AND CAMP MANAGEMENT**

1. A total of 733,152 families or **3,126,130 persons** are affected, of which 2,399 families / 9,122 persons are inside 37 evacuation centers and 163,627 families / 704,441 persons are outside evacuation centers in Regions I, II, III, IV-A, V, CAR, and NCR.
2. DSWD Quick Response Team (QRT), Social Welfare Action Development Team (SWADT), and Municipal Action Team (MAT) continuously coordinates with their respective Local Government Units (LGUs) and monitors affected families inside and outside the evacuation centers.
3. OCDRC I endorsed report from DENR-MGB I to the Provincial Government of Ilocos Sur for appropriate action regarding landslide in Barangays Bequi-Walin, Lidlidda, Ilocos Sur and possible evacuation of families in the said barangays and Barangay Mapanit, Burgos.
4. DILG III issued an Advisory on the implementation of Forced Evacuation dated 17 October 2015 especially in flood, landslide and storm surge-prone areas in the Province of Aurora.

5. Baler MDRRMC - on 18 October 2012, conducted evacuation in Sitios Sta. Monica and Manggahan, Barangay Pingit, Baler, Aurora due to possible flooding.
6. Coast Guard Sub-station (CGSS) San Fabian conducted evacuation operations at Barangay Lekep, San Fabian, Pangasinan.
7. PCG conducted evacuation operations to affected families/individuals at Barangays Alacan, Nibaliw, Vidal and Nibaliw Narvarte, San Fabian Pangasinan.
8. Established EOC at Casiguran, Aurora for coordination and communication.
9. Philippine Army DRRO Team together with Bauang MDRRMC Joint Strike Team evacuated 70 affected families at Barangay Santiago and Barangay Pilar, Bauang, La Union to Santiago Elementary School while 35 other families were also evacuated at Barangay Parian Este to Calumbaya Elementary School.
10. BFP Region 1 assisted in the evacuation of families in Municipalities of Bangar and Sto. Tomas, La Union.
11. On 21 October 2015 one (1) SRR teams, 525<sup>th</sup> EBn on board one (1) M35 truck with rubber boat rescued and evacuated 14 civilians at Purok 1, Barangay Sta. Lucia, Calumpit, Bulacan and 36 civilians from Barangays Sapang Baryo and Calizan, Calumpit, Bulacan.
12. On 22 October 2015 one (1) SRR teams, 525<sup>th</sup> EBn rescued and evacuated 14 civilians from Barangay Francis, Calumpit, Bulacan; six (6) civilians from Brgy. North Village, Calumpit, Bulacan; and 218 evacuees from Barangay Halang, Hagonoy, Bulacan to Municipality of Hagonoy.
13. OCD-CAR, AFP, PNP, BFP, PAF-TOG1 responded and assisted in the evacuation of affected residents in Barangay Virac, Itogon, Benguet due to ground subsidence. A total of 36 families were evacuated in Virac Elementary School.
14. Police Regional Office II assisted in the evacuation operations.
15. PDRRMC Cagayan conducted rescue and evacuation operations together with 17<sup>th</sup> IB PA and RPSB PRO II and PCG on flooded areas.

## **B. FOOD AND NON-FOOD CLUSTER**

### **Department of Social Welfare and Development (DSWD)**

1. To date, a total of **₱122,849,702.80** worth of assistance was provided by DSWD (₱82,493,474.56), LGUs (₱40,027,628.24), and NGOs (₱328,600.00) to the affected population in Regions I, II, III, IV-A, V, and CAR.
2. A total of **₱923,371,356.95** standby funds were allocated at Field Offices (FOs) of CAR, I, II, III, IV-A, IV-B, V, and NROC:
  - CAR : ₱15,679,968.18
  - Region I : ₱20,448,064.17
  - Region II : ₱10,076,606.73
  - Region III : ₱25,652,045.02
  - Region IV-A: ₱1,820,832.55
  - Region IV-B: ₱4,698,782.50
  - Region V : ₱3,039,000.00
  - NROC : ₱841,956,057.80
3. A total of 159,473 FFPs are available in Regions NCR, CAR, I, II, III and IV-A since 20 October 2015, 1AM:
  - NCR - 1,500

- CAR - 27,125
- Region I - 38,196
- Region II - 45,452
- Region III - 44,700
- Region IV-A - 2,500

**FFP consists of 6 kilos rice, six (6) sachets of coffee, and four (4) tin cans of corned beef and sardines.**

4. DSWD-NROC has procured Non-Food Items (NFIs):
  - 148,219 pcs Malong
  - 863 pcs Bath Towel (assorted color, 68.58 x 127 sq. cm.)
  - 8,079 pcs. Bath Towel
  - 46,538 pcs. Blanket
  - 9,715 pcs. Mosquito Net
  - 38 packs of Family Kit (set of kaldero, kawali, drinking glass, cups, plate, spoon, fork, mats, blanket, and mosquito nets)
5. A total of 2,800 family food packs were delivered by National Resource Operations Center (NROC) to Field Office III.
6. A total of 83,177 family food packs are prepositioned in 96 Municipalities of 17 Provinces in Regions CAR, I, II, III, and IV-A.
7. The following number of Family Food Packs were delivered by National Resource Operations Center (NROC) to the identified areas:
  - a. Bulacan – 300
  - b. Nueva Ecija – 400
  - c. Tarlac – 300
  - d. San Fernando, Pampanga - 5,000
8. A total of 2,000 family food packs were delivered by Field Office III to Baler, Aurora.
9. A total of 1,216 FFPs were repacked by volunteers and Field Office staff at GMA Cavite warehouse.
10. A total of 46,000 FFPs are in transit to Regions I, II, III (Baler), IV-A (Quezon Province), and CAR.
11. Of 7,500 food packs delivered from NROC 1,500 packs received by Bayombong, Nueva Vizcaya; 6,000 packs are in Kawayan, in transit to Ilagan
12. DSWD joined the ocular inspection on 21 October 2015 in Baler, Aurora and distributed food and non-food items:
  - Baler – 342 FFPs
  - Casiguran – 1,158 FFPs, 1,008 mosquito nets, 1,980 blankets, 2,000 malong, and 880 packs used clothing and bottled water
13. As of 19 October 2015, DSWD III sent two (2) military trucks to Regional Office to deliver food packs to Jaen, Nueva Ecija. Augmented a total of 320 sets of sleeping kits, 660 pcs. Mosquito nets, 3,325 pcs. Blanket, 660 mats, and 660 water container in the Municipalit of Concepcion, Tarlac. Augmented a total of 500 pcs FFPs to Sta. Maria, Bulacan; and augmented 17 cases RTEF Tuna Rice Caldereta, 17 cases Ready-to-Eat-Food (RTEF) Tuna Rice Adobo, and 17 cases RTEF Tuna Rice Afritada to Cabanatuan, Nueva Ecija.
14. As of 19 October 2015, DSWD III augmented a total of 80 FFP to Dingalan, Aurora; 143 FFP to Peñaranda, Nueva Ecija; 1,500 FFP to Palayan City, 1,000 FFP to Zaragosa, and 1,295 FFP to San Leonardo; and 1,000 FFP to District III, Bulacan.

15. Provided one (1) M35 with ten (10) personnel in the transport of 200 family food packs and 5,786 non-food items from DSWD III, San Fernando, Pampanga, and Sta. Rosa, Nueva Ecija.
16. DSWD Field Office I distributed a total of 2,000 family food packs to fisherfolks in Bolinao, Pangasinan.
17. DSWD Region IV-A deployed Provincial Quick Response Teams was deployed in affected municipalities in Quezon to assist in relief operation.

**Armed Forces of the Philippines (AFP)**

1. AFP provided eight (8) trucks and 60 personnel at NROC for the delivery of relief goods to Region 1.
2. 7<sup>th</sup> ID provided one (1) M35 truck and six (6) personnel from 3<sup>rd</sup> Mech Division to transport family food packs of DSWD III to Castillejos, Zambales on 18 October 2015.
3. NOLCOM housed 2,000 FFPs (200 sacks) of relief goods from ABS-CBN Sagip Kapamilya.
  - a. Philippine Army deployed two (2) M35 Trucks with eleven (11) personnel loaded with relief goods from DWSD FOI Warehouse to Burgos and Infanta, Pangasinan
4. Provided two (2) M35 with eleven (11) personnel in the transport of 300 sacks or rice, 100 boxes of noodles, and 75 boxes of canned goods from SM Pampanga to PUP Cabiao, Nueva Ecija courtesy of Gawad Kalinga.
5. Provided four (4) M35 with 21 personnel in the transport of 2,000 family food packs from DSWD III, San Fernando, Pampanga to Jaen, Nueva Ecija.
6. Provided two (2) M35 with 4 personnel in the transport of 1,000 family food packs from 600<sup>th</sup> Air Base Wing, Clark Airbase to Jaen, Nueva Ecija.
7. Dispatched one (1) M35 truck of ASCOM PA with three (3) officers to pick-up one (1) water purifying and refilling station and 500 packs of assorted relief goods from Operation Blessing Foundation of the Philippines for distribution in Casiguran, Aurora.
8. PAF dispatched three (3) officers, 24 enlisted personnel, 3 drivers, 3 mechanics, 3 M35 with 4 enlisted personnel conducted relief operation at Brgy. Bagong Silang, Cabiao, Nueva Ecija including 800 relief packs and 800 gallons of drinking water. Provided transportation assistance to DSWD with three M35 trucks for relief operations to Aurora.
9. Mobilized one (1) 6x6 truck for hauling and delivery of relief goods to affected municipalities in Pangasinan.
10. 525<sup>th</sup> EBn SRR Team assisted in the repacking of relief goods at Hagonoy, Bulacan.
11. 3IB personnel assisted in repacking of relief goods in PDRRMO Cabanatuan City.
12. 3IB personnel assisted in repacking of relief goods in PDRRMO Cabanatuan City.
13. Three (3) Mech Battalion personnel assisted in repacking of relief goods in La Paz Municipal Hall.
14. 31Mech Company personnel assisted in the distribution of relief goods in La Paz Tarlac.
15. 32Mech Company personnel assisted in the repacking of relief goods in Camiling Municipal Hall.
16. HHC, 561B personnel assisted in the repacking of relief goods in Baler, Aurora.
17. AFP-NOLCOM continuously providing support in the relief goods distribution in areas affected by TY Lando.



**Philippine Coast Guard (PCG)**

1. On 20 October 2015, ATD of PCG Bus at HPCG composed of 50 Draftees, six (6) PCG Non-Officers, and two (2) drivers reported to DSWD Pasay City for repacking of relief goods.
2. A total of 50 Draftees and five (5) PCG Non-Officers were dispatched for repacking of relief goods at DSWD Pasay.
3. Assisted in the distribution of relief good from PDRRMC Pangasinan to MDRRMC Mabini, Pangasinan.

**Bureau of Fire Protection (BFP)**

1. BFP Rosales Fire Station personnel assisted in unloading of relief goods at the DSWD Office.
2. Region III troops assisted in the unloading of 2,000 packs of relief goods from DILG.
3. BFP Personnel assigned at Provincial Office, Bauang, Aringay, Naguilian, and San Fernando Fire Stations, La Union and Sto. Tomas Fire Station Personnel in St. Tomas, La union participated in the repacking of relief goods.
4. Personnel of the Bureau of Fire Protection together with twelve (12) Fire Trainees assisted in the conduct of repacking of relief goods at Tuguegarao City People's Gymnasium.

**Philippine National Police (PNP)**

1. PNP Regional Office I deployed 15 personnel for augmentation of manpower for repacking of relief goods at RRCY Barangay Urayong, Bauang, La Union. RPSB assisted DSWD on relief distribution to affected areas in Pangasinan.

**Philippine Red Cross (PRC)**

1. Distributed non-food items including: plastic mats to 2,755 families in Aurora, Pangasinan, La Union, Bulacan, and Mt. Province; blankets to 2,248 families in Aurora, Ilocos Sur, Pangasinan and Mt. Province; Mosquito nets to 956 families in Pangasinan and Mt. Province; Jerry Cans to 634 families in Mt. Province; and used clothing to 336 families in Baguio.
2. Distributed the following food items: food packs to 5,514 families in Quirino, Mt. Province, Nueva Ecija, Pangasinan and Tarlac; and bread to 4,764 families in La Union, Pangasinan, Abra and Bulacan. Hot meals were also served to 10,793 individuals in Aurora, Kalinga, Isabela, Nueva Ecija, La Union, Pangasinan, Cagayan, Bulacan, and Bataan.

**Department of Public Works and Highways (DPWH)**

1. Declared that DPWH district offices may be used as temporary warehouse for relief good.

**Office of Civil Defense (OCD) Regional Centers**

1. OCD II distributed NFIs to the Provinces of Cagayan and Isabela.
2. CD-RDRRMC III facilitated released of FIs and NFIs at NDRRMC Warehouse, Clarkfield, Angeles City on 21 October 2015.
3. OCD MIMAROPA in coordination with Oriental Mindoro PDRRMO, PRC and Philippine Ports Authority Calapan provided meals to stranded passengers in Calapan Port, Oriental Mindoro.
4. OCD-CAR received non-food items from OCD Central Office.
5. Through the coordination and collaboration of Regional Logistics and SRR Clusters a total of 4,800 family food packs were delivered to DSWD-CAR as stockpile on 24 October 2015.

### **Disaster Risk Reduction and Management Councils (DRRMCs)**

1. **Isabela Province** provided a total of ₱84,000.00 worth of assistance.
2. **PDRRMC La Union** conducted repacking of relief goods for affected municipalities at the PSWD Office.
3. **PDRRMC Zambales**
  - a. PSWDO - Availability of family food packs ready for distribution.
  - b. PRC provided family pack of biscuits to the evacuated families.
4. **PDRRMC Cagayan** repacked and distributed relief goods to the affected population in the province. Relief operation is ongoing.
5. **MDRRMC Maconacon** distributed 585 relief packs to fisher folks as augmentation support to No Sailing Policy.
6. **MDRRMCs Palanan and San Mariano** distributed family food packs to fisherfolks.
7. Two (2) PDRTU 1.1 DRT assisted in the repacking of 2,900 family food packs at DSWD Warehouse at Sta. Barbara, Pangasinan.
8. CPDRTU 1.1 provided two (2) teams with vehicles to haul and transport relief goods from RCCY, Barangay Urayong, Bauang, La Union to Municipality of Mangantarem, Pangasinan.
9. **Abra Province** conducted relief operations in Barangay Tamac, Villavisciosa thru PAF-TOG1 Helicopter. A total of 4,500 food packs were distributed in the province of Abra.
10. **Abra Province** distributed a total of 970 family food packs from Dolores, 492 for Lagangilang, 186 for Bucay, and 918 for Malibcong. Distributed family food packs were received from DSWD.
11. **PDRRMC Apayao** together with PSWD, OPA, PDRRMO STAFF, PNP, PEO and Philippine Army, conducted relief operations in Calanasan.
12. **Mt. Province and Kalinga Province** relief operations were intensified. Kalinga Province conducted damage assessment to all barangays.

### **Typhoon “Lando” Task Force Ground Zero**

1. Philippine Airline Mountaineering Club distributed 100 bottles of drinking water and relief clothing materials.
2. PNP six (6) man team assisted in the relief operations at the Casiguran Municipal Hall.
3. Gawad Kalinga distributed a total of 250 food packs in Barangay Calantas.
4. Deployed three (3) BFP-NHQ and one (1) DSWD personnel in Dilasag, Aurora to conduct relief operations.
5. Allocated 4,000 family food packs to the Municipality of Dilasag.
6. BFP, PNP, and AFP escorted/delivered relief goods to the affected families of Dilasag including 250 family food packs, 250 6-Liter mineral water, 30 family kits and 283 pieces Malong.
7. International Organization for Migration (IOM) provided two (2) ten-wheeler trucks loaded with 1,680 Hygiene Kits which arrived at Agrícola Multi-Purpose Covered Court, Barangay Marikit, Casiguran, Aurora.

### **World Food Programme (WFP)**

1. Delivered 26,100 sacks of rice and 1,710 High Energy Biscuits (HEB) in Aurora.
2. Provided mobile storage units in Casiguran, Aurora.

### **International Organization for Migration (IOM)**

1. Provided 6,000 units of tarpaulin and rope units, 6,000 units of hygiene and dignity kits, camp management kits, assorted office supplies, equipment and furniture, in Region III.

2. Provided 2,520 hygiene and dignity kits and 6,000 shelter grade tarps with rope sand.
3. Provided 3,480 hygiene and dignity kits for DSWD Field Office III.

#### **Philippine Disaster Recovery Foundation**

1. Manila Water delivered 2,500 pieces of 5 gallon jugs in Cabiao, Nueva Ecija.
2. Maynilad delivered 100 pieces of 5 gallon jugs, 1,400 pieces 1-liter bottles, and 915 pieces 1-gallon jugs to DSWD-NROC.
3. Coke delivered 1,512 bottles of 6-liters bottled water to DSWD-NROC.

### **C. EMERGENCY TELECOMMUNICATIONS CLUSTER**

#### **OCD**

1. Satellite Phone Systems at OCD Central Office and Regional Office I, II, III, IV-A, IV-B, V, and CAR are on standby.
2. Standby resources includes 5 satellite phones, 2 Broadband Global Area with phone, 6 UHF Radios, 2 Cameras, 2 WiFi Routers, 6 Global Positioning System, 3 GSM Phones, 3 GSM Modems.
3. The ETC lead by OCD through the AHA Centre provided satellite phone to the DepEd Assessment Team that conducted assessment in Agues Elementary School in Cozo, Casiguran, Aurora on 26 October 2015 due to the reported unavailability of cellphone signal in the said area.

#### **DSWD**

1. RETT on standby with three (3) satellite phones, one (1) portable generator set, one (1) GSM repeater/extender, one (1) pair of WiFi radios point-to-point 5 GHz, one (1) Omni WiFi antenna, one (1) satellite broadband, and one (1) laptop
2. DSWD RETT installed satellite communication in Casiguran, Aurora with the following capabilities including GAS Mapping:
  - 3 Satellite phones
  - 1 Portable Generator set
  - 1 GSM Repeater/Extender
  - 1 Pair WiFi Radio Point-to-Point 5Ghz
  - 1 Omni WiFi Antenna
  - 1 Satellite Broadband c/o iOne
  - 1 Laptop Computer
3. DSWD RETT installed VSAT at Casiguran Municipal Hall to provide free WiFi internet connection at the vicinity. Also installed WiFi hotspot at AgriCula and point-to-point radio link from Municipality of Casiguran to AgriCula Multi-purpose Hall.

#### **AFP**

1. CEISSAFP units at Regions I, II, III, IV-A, IV-B, V, and CAR are alerted and on standby to provide emergency radio communications through HF, VHF, and UHF spectrum.
2. Prepared CEISSAFP Communications Van and Mobile Communications Tower for possible dispatch.

3. CEISSAFP four (4) communications van with one Broadband Global Area Network (BGAN), one (1) Harris manpack 5800 with complete accessories, one (1) Motorola GM300 base radio, one (1) HF 2301 transceiver hawk, one (1) Motorola GM700 repeater, one (1) power supply (Harris), one (1) telephone extender (Aguinaldo Line), one (1) Generator set (4.5 kVa), one (1) printer, one (1) Vari Loop Antenna and one (1) Antenna Post, Aluminum is on standby.
4. CEISSAFP installed communication link (BGAN, Radio, and Satellite Phone) at Agricula, Brgy. Marikit, Casiguran, Aurora.
5. CEISSAFP provided HH radio to PO2 Domondon PN CMOU, Northern Luzon; provided electrical power to the LGU's thru generator set for charging their mobile phones; requested the 56IB to conduct check point at Dibakong area, Casiguran, Aurora; installed Antenna repeater receiver for the use of HH radio during ocular inspection at the area; provided generator set for the power supply since Day 1 to Day 4.
6. Issued instruction/advisory to: major services to standby for deployment; Joint Task Force – NCR to assume control of HADR and transport team to Clark; and Northern Luzon Command (NOLCOM) to assume control of HADR and JTF-NCR and to coordinate with RDRRMC in the area. 7<sup>th</sup> ID and AFP 503<sup>rd</sup> IB provided communications link on site. RETT is on standby with one (1) mobile communications van composed of 1 Broadband Global Area Network (BGAN), 1 Harris man pack 5800 with complete accessories, 1 Motorola GM300 base radio, 1 HF 2301 transceiver hawk, 1 Motorola GM700 repeater, 1 power supply (Harris), 1 Telephone extender (Aguinaldo line), 1 Generator Set (4.5 kVa), 1Printer, 1 Vari Loop Antenna, and 1 Antenna Post (aluminium).
7. NOLCOM established communication redundancies and conducted radio checks with 5ID, 7ID, NTF40, TOG1, TOG2, and TOG3
8. 502 Brigade, PA installed Harris Man pack Radio at RDRRMC Operations Center, Tuguegarao City, Cagayan
9. 5ID, PA installed Harris Man pack Radio at Cordillera RDRRMC Operations Center, Baguio City as back-up communications system
10. 56IB, PA augmented the Radio Communications Group at the Operations Center, OCD III, San Fernando City, Pampanga
11. Provided 3-Team Communication Van with operators, to join the national Rapid Emergency Telecom Teams to be deployed in Nueva Ecija and Aurora Provinces
12. 702<sup>nd</sup> Brigade PA installed Man pack Harris Radio in RDRRMC Operations Center.

#### **PNP**

1. PNP Communications and Electronic units at Regions I, II, III, IV-A, IV-B, V, and CAR are alerted and on standby to provide emergency radio communications through HF, VHF, and UHF spectrum; National and Regional RETT from PRO III, IV-A, and NCR ready for deployment with HF, UHF, and VHF capability.

#### **BFP**

1. BFP Communications and Electronic units at Regions I, II, III, IV-A, IV-B, V, and CAR are alerted and on standby to provide emergency radio communications through HF, VHF, and UHF spectrum; deployed their Signal Units to support SRR.

**PCG**

1. RETT on standby at Coast Guard Weapons, Electronics and Information System Service (CGWEIS) with HF and VHF radio capability.

**PRC**

1. Red Cross Team on Radio Telecommunication is on standby.

**NTC**

1. Issued Memorandum to all Public Telecommunications Companies and to all concerned NTC Regional Offices in preparation to Typhoon "LANDO"; Coordinated with Philippine Amateur Radio Association (PARA) to monitor the condition of the affected areas through their local amateur radio associations.

**Private Telecommunication Companies**

1. SMART/SUN Telecommunications prepositioned its equipment and standby its personnel for possible restoration activities; prepared stock of spares and fuels; disseminated emergency broadcast messages on 17 October 2015 in Aurora, Isabela, Quirino, Polillo Islands, Nueva Ecija, Nueva Vizcaya, Ifugao, and Northern Quezon; RETT on standby with 4 Thuraya Satellite phones; Ongoing restoration of cell sites in affected areas; Flood Alert message was disseminated through emergency broadcast on 19 October 2015, 9:00 PM in the towns of San Miguel, Asingan, Santo Tomas, Villasis, Alcala, Bautista, Bayambang, Urbiztondo, and San Nicolas. A total of 1,484 2G cell sites or equivalent to 87.60% is operational while 210 cell sites or 12.40% are still affected. A total of 1,064 3G cell sites or equivalent to 85.74% is operational while 177 cell sites or 14.26% are still affected.
2. SMART Communications has delivered two (2) satellite phones) - temporary use; set-up 44 free calls and charging stations in affected areas of Aurora, Cagayan, Isabela, and Nueva Ecija.
3. GLOBE deployed 14 Libreng Tawag/Charge Stations to several municipalities across the 6 provinces - Aurora (3), Bulacan (1), La Union (1), Nueva Ecija (4), Pangasinan (3), Tarlac (2).
4. Globe Telecommunications prepositioned its equipment and standby its personnel for possible restoration activities; prepared stock of spares and fuels; disseminated emergency broadcast messages on 17 October 2015 in Aurora, Isabela, Quirino, Polillo Islands, Nueva Ecija, Nueva Vizcaya, Ifugao, and Northern Quezon; Ongoing restoration of cell sites in strategic locations waiting for advice from security group in areas still unsafe to commence recovery; Ongoing monitoring of the situation in their Operations Center and Regional Command Center in Tarlac; Flood Alert message was disseminated through emergency broadcast on 19 October 2015, 9:00 PM in the towns of San Miguel, Asingan, Santo Tomas, Villasis, Alcala, Bautista, Bayambang, Urbiztondo, and San Nicolas. A total of 403 2G cell sites or equivalent to 86% is operational while 65 cell sites or 14% are still affected. . A total of 395 3G cell sites or equivalent to 87% is operational while 60 cell sites or 13% are still affected.
5. Philippine Amateur Radio Association (PARA) on standby to monitor reports from amateur radio groups. PARA through PARA DU Net went into Ham emergency radio operations mode commencing at 7:00 PM and monitored reports from the eastern seaboard of Luzon; HERO operators were dispatched to man the DX1PAR and NTC Central Stations

6. REACT alerted their units at Regions I, II, III, IV-A, IV-B, V, and CAR to be on standby to provide emergency radio communications through HF, VHF, and UHF Spectrum; continuously provides information to the NDRRMC Response Pillar through civic radio volunteers; deployed units to Emergency Operations Centers in La Union, Isabela, Nueva Ecija, Bataan, Olongapo, Pampanga, Quezon, Baguio, Marinduque, Laguna, Camarines Sur, Camarines Norte, Palawan and NCR
7. ERIC deployed their Response Pillar Information Management System; Personnel deployed at NDRRMC Operations Center for augmentation to the Response Cluster Pillar.
8. TEAM48 deployed a 7-man RETT with two (2) 4x4 vehicles in Casiguran, Aurora with the following capabilities: one (1) ISAT Hub for satellite internet communications, one (1) Iridium satellite phone, and climbing and Emergency equipment; established satellite communications in Casiguran, Aurora.
9. PDRF help set-up SMART 44 free calls and charging stations in the affected areas of Aurora, Cagayan, Isabela, and Nueva Ecija; and Globe 14 Libreng Tawag/Charge stations in several municipalities in the provinces of Aurora, Bulacan, La Union, Nueva Ecija, Pangasinan, and Tarlac.

#### **International Organizations**

1. ASEAN Coordinating Center for disaster management (AHA Center) – RETT on standby with the following capabilities:
  - 2 Broadband Global Area Network with phone
  - 3 Satellite phones
  - 6 UHF Radio
  - 2 Camera
  - 2 WiFi Router
  - 6 Global Positioning System (GPS)
  - 3 GSM Phones
  - 3 GSM Modem
2. AHA Centre installed wireless fidelity connectivity; continuously provides WiFi connectivity to the National Coordinating Hub using GLOBE 3G connection; established two (2) Internet WiFi router using Globe telecom provider; established an electrical charging station for laptops and mobile phones.
3. United Nations Office for the Coordination of Humanitarian Affairs (UNOCHA) – RETT on standby with the following capabilities:
  - One (1) Emergency Radio Suitcases (FM)(25km signal radius, 98.7 tune-in frequency)
  - One (1) deployable High Frequency (HF) Radio
4. UN OCHA provided support to operational coordination and information management including inter-cluster coordination and information management derivatives such as contact list and 3W mapping of agencies supporting the relief operations.

#### **D. LOGISTICS CLUSTER**

1. A total of 930 DRRM Teams and 1,674 crew and equipment operator are on standby in Regions II, III, IV-A, IV-B, V, CAR and NCR.
2. A total of 349 trucks and 334 heavy equipment are on standby in Regions II, III, IV-A, IV-B, V, CAR and NCR.

3. AFP, PNP, BFP, and PCG transport assets are on alert for possible HADR in their AOR.
4. DOTC suspended/postponed all motorist and UV transportation companies in CAR due to weather situation.
5. PCG imposed "No Sail" policy along the Eastern and North Western Seaboards of Luzon.
6. DPWH Regional Offices I, II, III, and CAR prepositioned heavy equipment and identified personnel for possible road clearing operations.
  - a. Commence rehabilitation works on Bocon Bridge, Catanduanes once the flood has subsided.
  - b. Regional Offices I, II, III, and CAR heavy equipment and personnel are prepositioned in identified and possible road clearing operations.
  - c. Installed warning signs in affected areas.
  - d. Clearing operations in Cordon-Aurora Road was suspended due to heavy rains and gusty winds.
7. Armed Forces of the Philippines (AFP) detailed the following medical teams for possible deployment and prepositioned medical equipment:
  - a. Army General Hospital – detailed one (1) Medical Doctor, one (1) Nurse, and one (1) Corpsman; prepositioned one (1) ambulance, one (1) stretcher, one (1) oxygen tank, and one (1) medical kit.
  - b. Camp Aquino Station Hospital - detailed one (1) Medical Doctor, One (1) Nurse, one (1) Driver, and one (1) Technician; prepositioned one (1) first aid kit with complete accessories, one (1) stretcher, one (1) oxygen tank and minor set, and one (1) Hi-Ace ambulance.
  - c. AFP Medical Center - detailed two (2) medical teams composed of:
    - Medical Team 1: one (1) Medical Doctor, one (1) Nurse, one (1) Corpsman, one (1) Ambulance Driver; prepositioned one (1) ambulance, one (1) stretcher, one (1) oxygen tank, and one (1) medical kit; and
    - Medical Team 2: one (1) Medical Doctor, one (1) Nurse, one (1) Corpsman, one (1) Ambulance Driver; prepositioned one (1) ambulance, one (1) stretcher, one (1) oxygen tank, and one (1) medical kit.
  - d. Army Station Hospital, 2ID - detailed two medical teams (primary and alternate):
    - Primary: one (1) nurse, one (1) driver, two (2) aidman, and one (1) driver; prepositioned one (1) ambulance, one (1) spine board, and one (1) medical kit; and
    - Alternate: one (1) nurse, one (1) driver, two (2) aidman, and one (1) driver; prepositioned one (1) ambulance, one (1) spine board, and one (1) medical kit.
  - e. Air Force General Hospital - detailed one (1) medical doctor, one (1) Nurse, two (2) aidman, and one (1) driver; prepositioned one (1) ambulance, one (1) spine board, and one (1) medical kit.
8. A total of 58 Disaster Response Units (DRUs), 60 officers, 1,015 enlisted personnel, 99 trucks and 15 boats of Armed Forces of the Philippines are on standby, as follows:
  - a. H5ID – 12 officers and 280 enlisted personnel with 11 KM250 trucks, two (2) KM450 trucks, six (6) ambulances, one (1) KM451 in H5ID, Gamu, Isabela
  - b. 503<sup>rd</sup> BDE – one (1) officer and nine enlisted personnel with one (1) KM451 in Barangay Calanan, Tabuk City, Kalinga



- c. 54IB – one (1) officer and 23 enlisted personnel with one (1) elf in Barangay Calanan, Tabuk City, Kalinga; 18 personnel with one (1) KM450 in Barangay Butigue, Paracelis, Mt. Province; ten (10) personnel with one (1) KM450 in Kiangan, Ifugao; one (1) personnel in Baguio City; and one (1) personnel in Bontoc, Mountain Province
- d. 50IB – 18 enlisted personnel with one (1) cargo truck KM 450 in Ugnayan Center, Bangued, Abra; and nine (9) enlisted personnel with one (1) cargo truck KM 450 in Ugnayan Center, Barangay Bulanao, Tabuk City, Kalinga.
- e. 502BDE – one (1) officer and nine (9) enlisted personnel with one (1) M35 truck in H502BDE, Soyung, Echague, Isabela; and one (1) officer and eight (8) personnel with one (1) KM450 in BDE TCP, Barangay Zone 1, San Mariano, Isabela.
- f. 17IB – one (1) officer and 24 enlisted personnel with two (2) M35 in H17IB, Barangay Masin, Alcala, Cagayan; one (1) officer and 27 enlisted personnel with one (1) KM250 and one (1) KM450 in Acoy TCP, Barangay Capissayan Norte, Gattaran, Cagayan; one (1) officer and 27 enlisted personnel with four (4) KM450 in Bcoy TCP, Barangay Mission, Sta. Teresita, Cagayan; and one (1) officer and 27 enlisted personnel with one (1) KM450, two (2) NHR, and one (1) Elf Blue in CCOY TCP, Barangay Alannay, Lasam, Cagayan.
- g. 7HDRU – three (3) officers and 56 enlisted personnel with one (1) M35 truck, one (1) rubber boat, and one (1) steel boat in Fort Ramon Magsaysay, 3130 Nueva Ecija.
- h. H48IB – one (1) officer and 14 enlisted personnel with one (1) electric generator in Barangay Lico, San Rafael, Bulacan; and one (1) officer and three (3) enlisted personnel with four (4) M35 trucks and five (5) KM450 trucks in OCD III, City of San Fernando, Pampanga.
- i. HHC, 56IB – one (1) officer and 18 enlisted personnel with one (1) M35, two (2) KM450, one (1) NHR, one (1) Isuzu Canter, one (1) EMC in BNHQS, Barangay Calabuanan, Baler Aurora.
- j. ACOY, 56IB – one (1) officer and 18 enlisted personnel with one (1) KM 450 and one (1) NHR in CCP, Barangay Lub-lub, Alfonso Castañeda, Nueva Vizcaya.
- k. BCOY, 56IB – one (1) officer and 18 enlisted personnel with one (1) KM 450 in Nonong Sr., San Luis, Aurora; and nine (9) personnel in CCP, Barangay Simbahan, Dinalungan, Aurora.
- l. CCOY, 56IB – one (1) officer and 18 enlisted personnel with one (1) KM 450 in CCP, Dipantan, Nagtipinan, Quirino.
- m. H703BDE – 14 enlisted personnel with one (1) KM451, two (2) KM 450, two (2) M35 trucks, and two (2) NHR in H703BDE, Barangay Calanan, Bongabon, Nueva Ecija.
- n. H3IB – three (3) officers and five (5) enlisted personnel with one (1) KM450 in Sitio Junior Campo, Barangay Sto. Niño LL, San Jose City, Nueva Ecija; and nine (9) enlisted personnel with one (1) KM250 in Sitio Junior Campo, Barangay Sto. Niño LL, San Jose City, Nueva Ecija.
- o. A3IB – one (1) officer and nine (9) enlisted personnel with one (1) KM450 in Barangay Canaan West, Rizal, Nueva Ecija.
- p. B3IB – one (1) officer and nine (9) enlisted personnel with one (1) KM450 in Barangay Dupax, Del Sur, Nueva Vizcaya.
- q. C3IB – one (1) officer and nine (9) enlisted personnel with one (1) KM450 in Barangay RA Padilla, Carranglan, Nueva Ecija.

- r. 31MCOY / 3 MECH BN – one (1) officers and 15 enlisted personnel with one (1) KM250 in Barangay Poblacion, Victoria, Tarlac.
  - s. 32MCOY – one (1) officer and seven (7) enlisted personnel in Camiling Municipal Hall, Camiling, Tarlac.
  - t. 73DRC – one (1) officer and 28 enlisted personnel with one (1) KM450 in Barangay Calaanan, Bongabon, Nueva Ecija.
  - u. NTF 40 DRTU 1.1 – two (2) officers and 13 enlisted personnel with one (1) M35 with DRO trailer, one (1) rubber boat/PPEs/HADR equipment in Laoag City.
  - v. NTF40 DRTU 1.2 – one (1) officer and 11 enlisted personnel with one (1) M35 w/ DRO trailer and one (1) rubber boat/PPEs/HADR equipment in Narvacan, Ilocos Sur.
  - w. TOG1 – two (2) officers and 16 enlisted personnel with one (1) M35 truck, one (1) KM450, one (1) JBC utility vehicle, and one (1) van in HTOG1, Loakan Airport, Baguio City; and four (4) enlisted personnel with one (1) elf truck in Prepo ACP TOG1, Wallace Air Station, SFLU
  - x. TOG2 – one (1) officer and 17 enlisted personnel with rubber boat, foldable boat, one (1) KM450, and one (1) Isuzu Elf in Cauayan City, Isabela.
  - y. TOG3 – eight (8) enlisted personnel with one (1) KM450 and one (1) rubber boat in Camp Aquino, Tarlac City.
  - z. HSOCOM – 13 enlisted personnel with one (1) KM250 truck, one (1) mountain and forest/search and rescue equipment in Fort Magsaysay, Nueva Ecija.
  - aa. HCOY, SFR (A) – 12 enlisted personnel with one (1) 2-ton truck and one (1) KM450 truck in Fort Magsaysay, Nueva Ecija.
  - bb. SFS, SFR (A) – one (1) officer and 11 enlisted personnel with one (1) 2-ton Truck and one (1) KM450 truck in Fort Magsaysay, Nueva Ecija.
  - cc. 18SFC, SFR (A) – 11 enlisted personnel with one (1) assault water craft, one (1) medium assault boat, and one (1) rubber boat (Zodiac) OBM 60 HP in Hagonoy, Bulacan.
  - dd. 13SRC – three (3) officers and 80 personnel in Camp Tecson, San Miguel, Bulacan.
  - ee. 14SRC - three (3) officers and 80 personnel in Camp Tecson, San Miguel, Bulacan.
  - ff. HNOLCOM – one (1) officer and 22 enlisted personnel with one (1) M35 and one (1) ambulance in CATC.
  - gg. NETC – two (2) officers and 17 personnel with one (1) Isuzu Elf Double Tires and one (1) DRRT trailer in San Antonio, Zambales.
  - hh. MECH DIV – 31 enlisted personnel with one (1) M35 in Luisita, Tarlac City; and one (1) officer and 14 enlisted personnel with one (1) M35 in HMECHDIV.
  - ii. TRADOC – one (1) officer and twenty-eight (28) enlisted personnel in HTRADOC.
9. Philippine Coast Guard (PCG) activated PCG Deployable Response Group as of 4:00 PM, 17 October 2015 for possible dispatched.
- a. CGDNCR-CL – composed of four (4) teams (40 personnel) with assets including 25 life jacket, four (4) handheld ICOM radio, two (2) life rings, one (1) motorcycle, one (1) Isuzu truck, one (1) Jack Truck, and one (1) Isuzu Van in Muelle dela Industria, Farola Compound, Binondo, Manila.

- b. CGDSTL – compose of 43 teams (138 Personnel, 2 Medical Persons, 3 SOU Persons, and 2 CGK9 Persons) with assets including 34 aluminum boats, 2 rubber boats, 34 handheld radio, 11 flashlight, 55 life jacket, 19 life ring, 24 utility rope, 1 rope stretcher, 2 first aid kit, 2 Multicab, 1 JAC truck, 1 Isuzu Truck, 1 Toyota Innova, 1 Toyota Revo, 1 Mussel Boat, 11 motorcycle, 2 trending line, and 1 hard hat in Barangay Sta. Clara, Batangas City.
  - c. CGDBCL – composed of nine (9) teams (59 personnel) with assets including 7 aluminum boat, 3 rubber boat, 1 JAC truck, 1 Isuzu truck, 1 spine board, 2 medical kits, 1 oxygen tank, and 1 fiber boat in Rawis, Legazpi City, Albay.
  - d. CGDNWLZN – composed of 24 teams (155 personnel) with assets including 20 aluminum boats, 2 rubber boats, 1 motorcycle, 22 life jackets, 11 life rings, 15 flashlights, 18 handheld radio, 4 life buoy cans, 4 canister buoy, 8 paddles, 6 VHF Marine base radio, 1 motorcycle, 4 cell phone, 6 search lights, 9 ropes, 8 OBM, 2 booties, and 2 fins in Poro Point, San Fernandez City, La Union.
  - e. CGDNELZN – composed 5 teams (72 personnel) with assets including 15 aluminum boats in Barangay Minanga, Aparri, Cagayan.
  - f. CGDEV – composed of 22 teams (93 personnel) with assets including 15 aluminum boats and 4 rubber boats in Ebony St., Port Area, Ormoc City.
  - g. PCG deployed seven (7) Headquarters CGD Northwestern Luzon (HCGDNWLZN) one (1) Marine Environmental Protection Unit Northwestern Luzon (MEPU-NWLZN), and two (2) Special Operations Unit Northwestern Luzon (SOU-NWLZN) personnel to Pangasinan.
  - h. Coast Guard Sub-station (CGSS) Sual deployed personnel to Bugallon, Labrador, Aguilar, and Mangatarem in the Province of Pangasinan.
  - i. CGSS Lucap deployed personnel to Barangay Cabaro, Alaminos, Pangasinan.
  - j. CGSS Infanta deployed personnel to Sitio San Juan, Barangay Maya, Infanta, Pangasinan.
  - k. PCG augmented personnel from HCGDNWLZN deployed to Agno and Mabini, Pangasinan.
10. Armed Forces of the Philippines (AFP) on standby HADR Teams:
- a. Philippine Army – one (1) officer and 29 enlisted personnel with one (1) M35 cargo truck, one (1) KM450 truck, and three (3) rubber boats; one (1) officer and 28 enlisted personnel with ten (10) military trucks were deployed in Nueva Ecija for SAR operations and 29 enlisted personnel to DSWD.
  - b. Philippine Navy – 37 personnel with three (3) M35, three (3) rubber boats, one (1) rigid hull boat, and one (1) communications van; three (3) DRTU teams with M35 and three (3) rubber boats were deployed to Nueva Ecija.
  - c. Philippine Air Force – three (3) officers and 24 enlisted personnel with two (2) rubber boats with trailer.
    - o On 20 October 2015, 4:45 PM, provided transportation assistance to DSWD with three (3) M35 trucks for relief operations in Aurora
    - o Provided transportation assistance to DOH with one (1) M35 truck for medical mission in Nueva Ecija.

11. OCD-Requested four (4) M35 for land transport from NOLCOM to haul relief goods (8,000 family food packs) from DSWD FO I Regional Warehouse in RRCY Compound, Urayong, Bauang, La Union to Provincial Operation Offices and Satellite warehouses; satellite phone systems at OCD Central Office, Regional Office I, II, III, IV-A, IV-B, V, and CAR are ready for deployment; coordinated with Globe Telecoms and Smart Communications for the installation of signal booster for OCD CAR; RETT on standby equipped with 4 Thuraya Satellite Phones.
12. AFP GHQ:
  - a. Issued directive placing three HADR Teams from Major Services under the OPCON of JTF-NCR.
  - b. Issued directive to Major Services to provide 20 personnel each to JTF-NCR for repacking of goods at NROC.
  - c. Convened Battle Staff "B" on 18 0900 Oct 15 and conducted VTC with Unified Commands and Major Services ICOW TY LANDO and HADR updates.
  - d. Convened VTC on 181200 Oct 15 with Unified Commands and Maj Services ICOW the effects of TY LANDO and HADR updates.
  - e. Alerted Major Services to provide 95 personnel to augment NROC, DSWD for repacking of relief goods, broken down as follows; PA – 35, PN – 30, and PAF – 35.
  - f. Convened VTC on 182000 Oct 15 with UCs and Maj Svcs ICOW the effects of TY LANDO and HADR updates
13. NOLCOM:
  - a. On 181300H Oct 2015, dispatched PA HADR unit to Bongabon and placed further OPCON to 7ID.
  - b. On 181030 Oct 2015, fifteen (15) personnel from TAS, Mechanized Div, PA onboard PDRRMC truck left H31MECH Coy proceeded to Barangay Dolores, Tarlac City and conducted clearing / pruning of falling debris of trees.
14. 71<sup>ST</sup> ID, PA
  - a. Dispatched two (2) M35 trucks with 6 personnel to support DOH requirement for the transport of medicines and logistics to Provincial Health Office of Aurora.
  - b. Dispatched two (2) M35 trucks with 6 personnel to support DSWD requirement for the transport of food supplies to Baler, Aurora.
  - c. 56IB prepared five (5) Platoons on standby alert ready deployment DRRO/HADR operations in the areas of Dipaculao- Baler, Alfonso Castañeda, San Luis-Maria Aurora, Casiguran-Dilasag, Dinalungan, Aurora, and Quirino Province.
  - d. 56IB transported approximately 45 evacuees from ML Sindac Integrated School, Barangay Zabali, Baler, Aurora and provided assistance in the provision of relief goods to evacuees at the MSWD Office, Dinapigue, Isabela.
15. TOG3 DRU conducted clearing operations in San Manuel, Tarlac.
16. Asingan Fire Station personnel assisted in the conduct of clearing operation in Barangays Domandot, Macalong, and Poblacion.
17. WISAR, MMDA Road Clearing and Rescue Team, and 161<sup>ST</sup> PCGA from NCR were deployed to Nueva Ecija.
18. Four (4) CAAP Personnel were deployed in Baler, Aurora to provide air traffic control.
19. AFP provided M-35 Trucks to transport relief goods/items to San Fernando, Pampanga.

20. Civil Aviation Authority of the Philippines deployed 15 trucks for the transportations of FFPs from NROC to affected regions.
21. AFP dispatch C130 plane for the transport of Relief Goods from Manila to Casiguran in support to the National Response Cluster's Ground Zero
22. United Nations – World Food Program (UN-WFP) provided 15 trucks for the transport of FFPs from NROC (Manila) to affected regions.
23. DRT 2 of 548<sup>th</sup> ECBN PA composed of nine (9) persons onboard 1 KM 450 proceeded to Balatoc Road, Virac, Itogon, Benguet to conduct clearing operations.
24. NRCenNL DRT 1 and 2 augmented for rescue and evacuation/loading of relief goods around DSWD Warehouse at Sta. Barbara, Pangasinan.
25. PCG deployed seven (7) HCDNWLZN, one (1) MEPU-NWLZN and two (2) SOU-NWLZN personnel onboard JAC truck with rubber boat to Pangasinan.
26. All Police Stations in Police Regional Office 1 continuously conducts clearing operations and assists in giving relief goods to persons/families within their AOR.
27. San Fernando City Fire Station in La Union conducted clearing operations in Barangay 1 and Sevilla.
28. San Juan City Fire Station in La Union conducted clearing operations in Catdungan Bridge, Barangay Catdungan.
29. UN-WFP provided 15 trucks for the transportation of FFPs from DSWD-NROC to the affected regions.
30. RDRRMC/OCD II deployed Joint RDRRMC II and RDRRMC IV-B Damage Assessment and Needs Analysis Team to assess the effects of TY LANDO.
31. OCD-CAR provided generator set with lighting system and drinking water to the affected families of ground subsidence in Barangay Virac, Itogon, Benguet who were evacuated in Virac Elementary School.
32. Typhoon Lando Task Force Ground Zero transferred relief goods from ICP, Multi-Purpose Hall to NDRRMC Coordination Hub at Agrícola Multi-Purpose Covered Court, Barangay Marikit, Casiguran, Aurora.
33. Typhoon Lando Task Force Ground Zero deployed additional manpower at NDRRMC coordination hub for the unloading of goods given by private donors.
34. RDRRMC III on 20 October 2015, established an Emergency Operations Center (EOC) and Incident Command Post (ICP) at Casiguran, Aurora, for faster coordination and communication for the delivery of priority needs of affected communities of TY LANDO co-located at the NDRRMC Response Cluster EOC; deployed on 22 October 2015, four (4) Incident Management Teams composed of San Fernando Rescue, Olongapo Rescue, and OCD Officers to Aurora Incident Command Post (ICP).
35. **Local DRRMOs:**
  - a. **PDRRMC Bulacan** deployed Bulacan Rescue and PNP Bulacan WASAR team in San Miguel, Bulacan; prepositioned Rescue Teams to Hagonoy and Calumpit (Bulacan Rescue, Philippine Army 18<sup>th</sup> SF, Hagonoy Rescue, Calumpit Rescue)
  - b. **PDRRMC Bataan** conducted clearing operations along Mariveles Road.
  - c. **DRRMC Cabanatuan** - BDRTs and CDRRMO / Cabanatuan Emergency Search and Rescue (CESAR) Team conducted clearing operations along roads blocked by toppled trees.
  - d. **DRRMO Pasay City** – deployed 393 personnel

- e. **DRRMO Manila SAR** conducted clearing of toppled trees blocking UN Avenue.
  - f. **MDRRMC Cabanatuan, Nueva Ecija** - BDRTs & CDRRMO / Cabanatuan Emergency Search and Rescue (CESAR) Team conducted clearing operations of toppled trees along the roads.
  - g. **MDRRMC Zaragoza** – conducted sandbagging operations at Barangays Bagong Silang, Sta. Isabel, Entablado, and Bukana.
  - h. **MDRRMC Carrangalan** – conducted clearing operations at Brgy. San Agustin, Piut, and Burgos.
  - i. **PDRRMC Tarlac** dispatched the following to conduct clearing operations on 18 October 2015:
    - i. One (1) DART Team to conduct clearing operations re uprooted Ipil-Ipil tree that causes traffic and posing eminent danger to the public and passing vehicles along Mc Arthur Hi-way San Sebastian, Tarlac City.
    - ii. One (1) DART Team to conduct clearing operations Brgy. Abagon, Gerona, Brgy Buenavista, Pura in Tarlac, and Municipal Office of Pura.
    - iii. One (1) DART Team in Northern Hills Subdivision, San Rafael, Tarlac City.
    - iv. One (1) team to conduct clearing operations re uprooted Acacia Tree in San Juan De Mata.
    - v. One (1) DART/EMS Team and one (1) team from 3<sup>rd</sup> Mech Infantry Bn to conduct clearing operations in Barangays Sta. Barbara, Masalasa, Calibungan, Cruz, and Balbaloto, all in Victoria, Tarlac.
    - vi. One (1) team from 3<sup>rd</sup> Mech to Camiling & Ramos, Tarlac.
    - vii. One (1) DART/EMS Team and one (1) Team from 3<sup>rd</sup> Mech Infantry Bn in Barangay Dolores, Concepcion, Tarlac.
  - j. **PDRRMC Zambales** - utilized all emergency vehicles, manpower and equipment of PDRRMC member-agencies are being for the clearing, rescue and relief operations and in the provision of hot meals in the affected municipalities.
  - k. **PDRRMC Pampanga**
    - i. Mobilized one (1) rescue team with military truck and rescue equipment in Cabanatuan City for augmentation and assistance in the conduct of evacuation and response operations.
    - ii. Provided augmentation (personnel, equipment and vehicles) to assist affected LGUs in evacuation and relief operations:
      1. *Candaba – 2 military trucks, 9 rescuers, 1 rubber boat*
      2. *Arayat – 2 fiber glass boats, 2 (4x4) vehicles, 9 rescuers*
      3. *San Simon – 2 rescuers, 8 PSWDO personnel, 2 mini-dump trucks*
  - l. **PDRRMC Pangasinan** conducted clearing operations in Lingayen due to fallen trees.
  - m. **CDRRMC Baguio City** – ongoing clearing operations to toppled trees and on landslides areas
  - n. **PDRRMC Benguet** – mobilized heavy equipment and manpower in the conduct of road clearing operations.
36. A total of 11 M-35 trucks from AFP, 25 wing vans from WFP, and 5 dump trucks from DPWH were made available to deliver family food packs in Region III and CAR.
37. AFP facilitated the airlifting of 1,090 FFPs to Casiguran. There will be a continuous trip of C130 planes to Casiguran to complete a delivery of 10,000 FFPs.

- DOH Central Office deployed WHO Team with two (2) HEMB staff to RO I and CAR to provide logistics and technical assistance particularly on SPEED.

## E. HEALTH CLUSTER

- DOH-HEMB in all regions in the typhoon track is on Code White Alert.
- DOH-HEMB issued weather alert to all Regional Offices and alert memorandum to all regional offices regarding repositioning teams and stockpiling of medicines.
- A total of ₱40,186,839.70 worth of logistics is available at DOH-CO for augmentation as of 22 October 2015.
- Prepositioned a total of ₱18,766,993.03 worth of logistics to Regions I, II, III, IV-A, IV-B, V, and CAR and a total of ₱91,233,933.98 worth of logistics are available at DOH-CO and warehouses of DOH Regional Offices.

DOH LOGISTICAL SUPPORT		
REGION	PREPOSITIONED (in ₱)	PRESENT AT WAREHOUSE (in ₱)
CAR	600,000.00	5,126,993.90
I	1,417,820.19	1,304,430.64
II	500,000.00	2,743,210.74
III	2,927,607.28	3,947,966.00
IV-A	1,523,269.92	20,583,864.00
IV-B	11,133,795.64	4,200,000
V	664,500.00	12,824,199.30
Central Office		40,503,239.70
<b>Grand Total</b>	<b>18,766,993.03</b>	<b>91,233,933.98</b>

- DOH through HEMB alerted all regions to be affected.
- Fifteen (15) Regional Medical Teams are on standby.
- Hospitals are alerted to receive and treat Typhoon “Lando” related patients.
- Distributed Doxycycline to individuals affected in Aurora
- Augmented assorted drugs, medicines, and medical supplies to Regions I, II, and III, especially in the province of Aurora.
- Continuous monitoring of situation by OpCen of the Central and Regional Offices.
- Nurses under NDP provided medication and hygiene kits.
- Activated Surveillance in Post Extreme Emergencies and Disaster (SPEED) in Region I, II, III, IV-A, V and CAR on 20 October 2015.
- NDP Nurses visited the evacuation centers and provided medication and hygiene kits.
- Three (3) Rapid Health Assessment Teams were deployed to the provinces of La Union and Pangasinan.
- Provided one (1) M35 with five (5) personnel in the transport medicine from DOH3, San Fernando, Pampanga to Baler Aurora.
- BRTTH Medical Team conducted medical mission in Jaen, Nueva Ecija treating 321 patients. Top five (5) causes of consultations were:
  - Acute Respiratory Illness (ARI) - 157
  - Hypertension (HBP) - 38
  - Skin diseases - 19
  - Toothache - 17
  - Watery Bowel System (WBS) - 16



17. Augmented drugs and medical supplies amounting to Php 79,100.00 each in San Ildefonso and Dinalungan, Aurora.
18. Operation Blessing provided medical service augmentation in Barangays Ildefonso and Esperanza, Casiguran, Aurora.
19. Two (2) Medical Teams from Dr. Paulino J. Garcia Medical center conducted medical services at Baler Central School, Baler, Aurora (evacuation center).
20. Four (4) DOH-HEMB personnel joined in the Interagency Task Force Ground Zero in Casiguran with logistical support amounting to Php 316,400.00.
21. DOH-Central Office augmented assorted drugs, medicines, and medical supplies worth 4,953,699.46 to Regions I, II, III, and CAR.
22. DOH-Central Office activated Quad Cluster composed of UN Humanitarian Assistance (UNHA) Partners for mapping of resources.
23. DOH-Central Office attended PDRA meeting at NDRRMC Operations Center
24. DOH Central Office provided health kits to RHU in Itogon, Benguet Evacuation Center
25. DOH RO I augmented hygiene kits, first aid kits, and assorted medicines to Burgos, Ilocos Sur
26. DOH RO I deployed (4) medical teams to Pangasinan and La Union on 21 October 2015.
27. DOH I augmented hygiene kits, first aid kits, and assorted medicines to the Municipality of La Union and Pangasinan.
28. DOH RO I retained hospitals on 24 hour duty to attend to casualties brought to the hospitals.
29. DOH II provided medicines, first aid kits, family kits, and jerry cans to the Provinces of Quirino, Nueva Vizcaya, and Benito Soliven, Isabela amounting to ₱92,103.06; and provided medicines in Alcala, Cagayan
30. DOH II augmented medicines, first-aid kits, family kits, and jerry cans to the Provinces of Quirino, Nueva Vizcaya, and Isabela.
31. DOH-Regional Office II provided medicines, first aid kits, family kits and Jerry cans amounting to P449, 230.70 in Nueva Vizcaya, Quirino, Cagayan, Isabela, Benito Soliven, Amulung, Alcala, Peñablanca and Tuguegarao City.
32. DOH II augmented medicines, first aid kits, family kits, and jerry cans to the Provinces of Quirino, Nueva Vizcaya, and Isabela
33. DOH-RO III delivered ₱1,932,637.00 worth of medicines and other logistics to the evacuation centers in Aurora.
34. At 2:20 PM, DOH Regional Office III reported the status of Premiere General Hospital in Baler Aurora. Here are as follows:
  - a. 50% of damaged hospitals, no estimated cost of damage yet
  - b. no transferred patient to other hospital as previously reported in CNN
  - c. Four (4) rooms with leaking ceilings
  - d. Four (4) patients were transferred to labor rooms
  - e. Two (2) patients were still in the hallway
  - f. Intensive Care Unit (ICU) not damaged
  - g. The hospital has generation set
35. One (1) Medical Team from DOH RO III (4-man team) deployed to Nueva Ecija
36. Region III to provide (6) medical / surgical teams from Jose B. Lingad Memorial Hospital (JBLMH), Bataan Gen Hospital and Mariveles Hospital to man the mini-field hospital to be established in Casiguran.
37. DOH III – medicines and other medical supplies delivered to Nueva Ecija and Aurora on 20 October 2015

38. DOH RO III Medical Teams were deployed and conducted medical consultations to the following hospitals and barangay:
  - Talavera Ext. Hospitals (OPD Casiguran Dist. Hosp) - 55 consultations
  - JBLMRH Medical Team (CDH ER) - 22 consultations
  - JBLMRH Medical Team and Mariveles Mental Hospital (Barangay Bianoan, Casiguran) - 283 consultations
  - PJGMRMC Medical Team (Aurora Memorial Hospital) - 42 OR cases
39. DOH RO III is continuously monitoring "Tutok Gamutan" of doxycycline by the barangays
40. RO III DOH Representatives and 718 NDPs distributed jerry cans with waterine/aquatabs in all affected areas of the region
41. DOH RO III Public Health Team conducted Damaged Health Assessment in Casiguran and Dilasag Aurora
42. DOH RO III provided medical teams from JBLMH (4 Medical Doctor, 4 Registered Nurses, 2 ambulance driver and 1 attendant), Bataan General Hospital (1 Medical Doctor and 1 Registered Nurse), Mariveles Hospital (1 Medical Doctor and 3 Registered Nurse) and Regional Office III (1 Medical Doctor and 1 Registered Nurse) for health support to Casiguran, Aurora.
43. DOH RO III deployed their Regional Surveillance Team to Guimba, Cabanatuan and Dr. Paulino J. Garcia Hospital to conduct surveillance and assessment
44. DOH IV-B coordinated with Philippine Air Force 505<sup>th</sup> Search and Rescue Group for the utilization of Air Medical Services in the provinces of MIMAROPA.
45. OH RO V provided medical team from BRTTH (2 Medical Doctor, 6 Registered Nurse/EMT, and 2 drivers) for health support, medicines and medical supplies in Casiguran, Aurora.
46. OCD RO V BRTTH Medical Team conducted medical mission and treated 321 patients in Jaen, Nueva Ecija
47. DOH CAR continuous validation of casualties through coordination with other responding agencies.
48. DOH CAR's Operations Center is open 24/7.
49. Zambales PDRRMC - PHO-HEMS medical supplies and DOH Disaster kits, provided technical assistance to the Municipal Health Offices in Candelaria and Sta Cruz.
50. PAF and DART831 Teams distributed 103 gallons of mineral water while MMDA Medics conducted medical check-ups in Cauayan, Isabela.
51. One (1) 4-Man Medical Team from DOH-RO III was deployed to Nueva Ecija.
52. PAF dispatched one (1) M35 truck for Medical Mission at Nueva, Ecija.
53. The Provincial Government of Albay, through the Albay Public Safety and Emergency Management Office (APSEMO), with the support of Office of Civil Defense V (OCD-V), and other RDRRMC V Member-Agencies deployed TEAM ALBAY-OCD, composed of 103-man team with Water and Sanitation (WATSAN) and Medical capability, to Casiguran, Aurora for humanitarian assistance mission.
  - Medical Team
    - ✓ Public Health Office Albay - Medical Team conducted medical consultations in the following barangays of Nueva Ecija:

DATE	LOCATION	NUMBER OF PATIENTS TREATED
24 October 2015	Barangay Macapsing, Rizal, Nueva Ecija	461
24 October 2015	Barangay San Esteban, Rizal, Nueva Ecija	267
24 October 2015	Barangay Calabasa, Barangay Bagting Rizal, Nueva Ecija	244
25 October 2015	Barangay San Vicente, Laur, Nueva Ecija	390
26 October 2015	Barangay Tagumpay, Barangay Bagong Sikat, Barangay Bugnao, Barangay Malinao, Gabaldon, Nueva Ecija	575
27 October 2015	Barangay San Vicente, Barangay San Lorenzo, Barangay Sto. Niño, Barangay Mambujan, Gapan, Nueva Ecija	232

✓ Public Health Office Albay - Dental Team conducted dental consultations in Nueva Ecija serving 105 patients.

- **WATSAN**

- ✓ On 24 October 2015, Public Health Office Albay Wash Team produced 18,275 liters of safe water for 6,469 families in Gabaldon, Nueva Ecija

- ✓ On 26 October 2015, Public Health Office Albay Wash Team produced 78,000 liters of safe water for 9,611 families in Gabaldon, Nueva Ecija

- ✓ On 27 October 2015, Public Health Office Albay Wash Team produced 44,000 liters of safe water for 10,125 families in Gabaldon, Nueva Ecija

54. Typhoon “Lando” Task Force Ground Zero – DOH conducted Rapid Health Assessments, medical consultation, and mental health psychosocial services and distributed assorted medicines, jerry cans, vaccines, and trauma kit in Casiguran District Hospital, Barangay San Ildefonso, Dinalungan, Dilasag, Baler, San Luis, Casiguran.

55. Typhoon Lando Task Force “Ground Zero” deployed DOH and DepEd personnel in San Ildefonso to give medical services and assisted by six (6) PNP personnel.

56. Philippine Red Cross (PRC) conducted hygiene promotion for 1,826 individuals (208-Quirino, 1,325-Cagayan, 225-Abra, 68-Bulacan, Breast feeding education); and provided medical assistance to 12 individuals in Nueva Ecija, Pangasinan and Bulacan.

57. Mariveles Mental Health Hospital conducted Mental Health and Psychosocial Support (MHPSS) to 21 staff and first-aid to eight (8) staff of Casiguran District Hospital

## **F. EDUCATION CLUSTER**

1. Sent-out advisories to all DepEd local officials and DRRM Coordinators to closely coordinate with the LGUs for possible announcement on class suspension.
2. Sent-out memorandum on pre-emptive measures.
3. Identified a total of 1,078 (176 in Aurora, and 902 in Isabela) schools as evacuation centers in Region II.
4. Opened 10 Schools as Evacuation Centers in Region II and III for 140 families.

5. Classes were suspended on 19 October 2015 in some areas of Regions I, II, III, IV-A, CAR and NCR.
6. Class suspension for 20 October 2015 in Region CAR (Baguio City, Benguet Province, and Ifugao – Pre-School to High School; Region I (San Carlos City, Pangasinan, Pangasinan Province, and San Fernando City, La Union – All Levels); Region II (Cagayan and Isabela Province – All Levels); Region III (Nueva Ecija Province, San Miguel, Bulacan, Camiling, Tarlac, Subic, Zambales, and Sta. Cruz, Zambales – All Levels); Region IV-A (Cavite Province, Balete, Agoncillo, Alitagtag, Imus and San Miguel, Batangas – All Levels).
7. Reiterated the request to DepEd Local Officials and DRRM Coordinators in DepEd Region IV-A, IV-B, V, and NCR to all affected schools are required to submit the effects in their respective area of responsibility using the rapid assessment of damages report (RADaR) be submitted within 72 hours to facilitate the immediate determination of needs and necessary provision of assistance via InfoBoard text blast.
8. A total of **95 schools** were used as evacuation centers: seven (7) in Region I, eight (8) in Region II, 77 in Region III, and three (3) in Region CAR.
9. DepEd Field Offices are conducting ocular inspection in schools affected by the typhoon in addition to the school submission of radar, especially in heavily affected areas; ongoing clean-up in areas affected by flooding.
10. Started RADaR collection and consolidation to determine the needs and interventions for the affected areas.
11. DepEd coordinated with Education Cluster Partners for the immediate provision of education supplies such as kits and tents.
12. DepEd DRRMS coordinated and conducted the RADaR and identified immediate and necessary needs of schools in Barangays' San Ildefonso and Dilasag, Casiguran, Aurora; coordinated with DepEd Aurora DRRM Coordinator for Local Government Units to be monitored and validated for RADaR; reiterated the submission RADaR to all DepEd Key officials and DRRM Coordinators; attended the food security and information management training conducted by WFP and UN OCHA; coordinated and validated RADaR of schools in Francisco Benitez ES and Agues ES in Brgy. Cozo, Casiguran; DepEd DRRMS with DepEd Aurora coordinated and validated the Rapid Assessment of Damages Report (RADaR) and identified immediate necessary needs of school in the municipalities of Casiguran, Baler, San Luis, Maria Aurora, Dipaculao, Dilasag, Dingalan and Dinalungan.
13. Ongoing conduct of Operation Blessing which includes medical mission, psychosocial first aide to students, counseling of family, and school feeding program at Brgy. San Isidro, Casiguran.
14. DepEd Aurora instructed all schools to conduct clean-up on 26 - 30 October 2015 during semester break; instructed all schools to conduct psychosocial debriefing of students in the resumption of classes on 02 November 2015.
15. DepEd Physical Facilities and School Engineering Division (PFSED) conducted detailed assessment for damages in Dilasag, Casiguran, and Dinalungan in Aurora.

## **G. SEARCH, RESCUE AND RETRIEVAL CLUSTER**

### **1. ARMED FORCES OF THE PHILIPPINES (AFP)**

- Coordinated the augmentation of HDR Volunteer Organizations to 7ID (Wilderness Search and Rescue, Provided WASAR Team 1 Ambulance and Water Raft, 161<sup>st</sup> Kalasag SAR Squadron Philippine Coast Guard Auxiliary, Provided WASAR Team with 2 M35 Trucks and 2 Water Boats, Provided WASAR Team with 2 Rescue Vehicles and 2 Boats, SAR SRR Team with 4 Rubber Boats at SAF HQs)
- Provided transportation assistance and deployed teams to conduct SAR operations.
- **Assets Deployed:**
  - 2,014 Personnel, 16 SRR Teams, 34 Rubber Boats, 120 Trucks, 1 Rescue Truck

### **GHQ, AFP**

- Convened Crisis Action Team on 17 1100 October 2015
- OJ3 issued directive to NOLCOM on 17 October 2015 to organize two (2) RDANA Teams; PN Islander as primary aircraft for RDANA and one Fokker and 1 Augusta helicopter as alternate for RDANA
- Issued directive placing three (3) HADR Teams from Major Services under the OPCON of JTF-NCR
- Issued directive to Major Services to provide 20 personnel each to JTF-NCR for repacking of goods at NROC
- Convened Battle Staff "B" on 180900 October 2015 and conducted VTC with Unified Commands and Major Services ICOW TY LANDO and HADR updates
- Convened VTC on 181200 October 2015 with Unified Commands and Major Services ICOW the effects of TY LANDO and HADR updates
- Alerted Major Services to provide 95 personnel to augment NROC, DSWD for repacking of relief goods, broken down as follows; PA – 35, PN – 30, and PAF – 35
- Convened VTC on 182000 October 2015 with UCs and Major Services ICOW the effects of TY LANDO and HADR updates
- Issued three (3) directives dated 19 October 2015 to the PAF, PN, JTF-NCR, and CEISSAFP, to provide the following requirements for further HADR operations in the affected areas of Regions 1, 2, and 3, as indicated:
  - Five (5) M35 trucks to DSWD NROC for transport of relief goods to Typhoon affected areas
  - Three (3) Communication Van teams with operators to join the National Rapid Emergency Telecom teams to be deployed in Aurora Province
  - One (1) M35 truck to transport 10-man PSDM WASAR team and one (1) fiber boat w/ OBM to Burgos, Pangasinan
  - Organize two (2) RDANA teams; PN Islander as primary aircraft for RDANA operations, one (1) Fokker, and one (1) Augusta helicopter as alternate for the said mission
- Continuously monitoring the updates of HADR operations of the different field units of the concerned Unified Commands in the areas affected by the effects of TY LANDO

- OJ3 issued directive to LOLCOM to assume control of AFP Components of the Inter-Agency Team “ALBAY” composed of 9 personnel of 9ID, 7 personnel of TOG5 and 6 personnel of NAVFORSOL
- OJ3 issued directive to JTF-NCR to deploy 5 PA M35 trucks at NROC DSWD in Pasay City for the transport of relief goods to Typhoon affected provinces
- Continuously providing necessary support and monitoring the updates of HADR operations of units from NOLCOM deployed in the areas affected by TY LANDO
- Eleven (11) M35 Trucks and one (1) Commo Van that were placed under OPCON of JTF-NCR were deployed at Aurora Province
- Two (2) M35 Trucks transported assorted relief goods from DSWD Pasay City to Aurora Province, DSWD Pasay City to Dagupan, Pangasinan on 24 October 2015

#### **NORTHERN LUZON COMMAND**

- Conducted rescue operation at So Yabutan, San Miguel, Tarlac City, and evacuated to Zone A, San Miguel, Tarlac City
- Rescued of trapped dependents (2 children) of NOLCOM employee at Barangay Paraiso, San Rafael, Tarlac City
- Mechanized Division conducted road clearing / pruning of falling debris of trees at Barangay Dolores, Tarlac City
- **Assets Deployed:**
  - Four (4) teams from PAF attached to JTF-NCR were deployed to Cabiao, Nueva Ecija on 18 October 2015 to conduct rescue operations
- Continued close monitoring and supervision of HADR operations of the different OPCON units in the areas affected by TY Lando
- As of 23 October 2015, NOLCOM units continuously conducting SAR operation in the affected areas
- NOLCOM - HNOLCOM:
  - **HNOLCOM**
    - ✓ On 181300H October 2015, dispatched PA HADR unit to Bongabon and placed further OPCON to 7ID
    - ✓ On 181030 October 2015, fifteen (15) personnel from TAS, Mechanized Div, PA onboard PDRRMC truck left H31MECH Coy proceeded to Barangay Dolores, Tarlac City and conducted clearing / pruning of falling debris of trees
    - ✓ PA HADRU conducted rescue operations at Barangay Communal and Rizdelis, Cabanatuan City, Nueva Ecija which rescued 12 individual mostly children
    - ✓ PN HADRU proceeded to Gapan, Nueva Ecija to conduct rescue operations
    - ✓ Conducted rescue operation at So Yabutan, San Miguel, Tarlac City, and evacuated to Zone A, San Miguel, Tarlac City
    - ✓ Rescued of trapped dependents (2 children) of NOLCOM employee at Barangay. Paraiso, San Rafael, Tarlac City
    - ✓ Mechanized Division conducted road clearing / pruning of falling debris of trees at Barangay Dolores, Tarlac City
    - ✓ Prepositioned of 200 sacks (2000 packs) of relief goods from ABS-CBN Sagip Kapamilya Foundation at HNOLCOM, San Miguel, Tarlac City

- ✓ NOLCOM DRU rescued 135 persons from flashflood So Yabutan, San Miguel, Tarlac City
- ✓ On 191000 October 2015, 1 Officer / 28 EP and ten (10) military trucks deployed at Barangay Sumacab, Cabanatuan City, NE for SAR operation and 29 EP to assist DSWD
- Continued undertaking close monitoring and supervision to the current HADR operations of the following OPCON units in the areas affected by TY LANDO, as indicated:
  - **5<sup>th</sup> Infantry Division, PA:** Continued close monitoring and supervision of HADR efforts of all its DRUs in the affected areas within 5ID AOR:
    - ✓ On 180630 October 2015, 17 IB DRT with five (5) PDRRMC personnel conducted rescue operations of affected residents in Barangays Patagueleg and Agugadan, both of Penablanca, Cagayan
    - ✓ 50IB DRT rescued some residents trapped by rising water in So Pugo, Barangay Junction, Pinukpuk, Kalinga
    - ✓ Prepositioned of 5,582 packs relief goods at H5ID, Gamu Isabela and distributed to various municipalities of Isabela
    - ✓ 503 Bde, PA prepositioned DR equipment at their Advance Command Post, Camp Henry Allen, Baguio City
    - ✓ 502 Bde conducted clearing of trees debris along Maharlika highway of Isabela and Cagayan provinces and continued conducting HADR operations in Ilagan and Tumaini, both in Isabela
    - ✓ 503 Bde conducted clearing of trees debris along national highway of Baguio City to La Union and HADR operations in the affected areas within their AOR
    - ✓ Continuously monitors and supervise HADR activities of all DRUs within AOR
    - ✓ TOG1 together with OCD CAR and 702BDe, conducted RDANA in Abra
  - **7<sup>th</sup> Infantry Division, PA:** Continued close monitoring and supervision of HADR efforts of all its DRUs in the affected areas within 7ID AOR:
    - ✓ 56IB, 702 Bde provided manpower assistance through distribution of relief goods to the evacuees at MSWD Office, Dinapigue, Isabela
    - ✓ On 191145 October 2015, one (1) team DRO of 3IB onboard one (1) KM450 proceeded to Barangay Pamacpacan, Quezon, Nueva Ecija for HADR mission
    - ✓ On 191130 October 2015, One (1) team DRO onboard one (1) KM250 proceeded to Barangay Aduas Sur, Cabanatuan City, Nueva Ecija to rescue the populace in the roof of Aduas Church
    - ✓ One (1) DR section from 70IB onboard one (1) M35 truck to conduct HADR operations at Poblacion 4, Laur, Nueva Ecija
    - ✓ On 190200 October 2015, One (1) 5 toner KM500 truck transported relief goods from Fort Ramon Magsaysay, Nueva Ecija, OCD3, San Fernando City, La Union
    - ✓ On 190315 October 2015, one (1) HADR team on board one (1) KM450 deployed at Barangay Kaingin, Bongabon, Nueva Ecija and rescued (5) persons

- ✓ On 192200 October 2015, one (1) HADR team on board one (1) M35 truck deployed at Barangays Macabaclay, Bongabon, Nueva Ecija and evacuated 200 persons
- ✓ Provided two (2) M35 trucks to DSWD FO1 for the distribution of relief goods in the affected areas of Pangasinan
- ✓ One (1) DR team on board one (1) M35 truck to conduct rescue operations at Barangay Bato Ferry, Laur Nueva Ecija
- ✓ On 190600 October 2015, one (1) platoon 56IB with LGUs continued clearing of obstructions from the uprooted trees along Dilasag-Dinapigue road, Aurora province
- ✓ On 190700 October 2015, one (1) squad 56IB conducted clearing of obstructions from uprooted trees along Cabarroguis-Nagtipunan road, Aurora province
- ✓ On 190730 October 2015, one (1) team 56IB onboard one (1) civilian vehicle convoyed with Mayor Annabelle Tangson and San Luis PNP proceeded to Sitio Camalatan, Brgy Nonong Sr, San Luis, Aurora to conduct clearing operation in the area
- ✓ On 190745 October 2015, one (1) team 48IB with LGUs of Peñaranda, Nueva Ecija jointly conducted road clearing operation along municipal road by removing fallen branches of trees
- ✓ On 190915 October 2015, one (1) team 3 Mech conducted clearing and cutting of fallen debris of trees along the road nets around the Municipal Hall of Tarlac City
- ✓ On 191300 October 2015, one (1) team 72DRC conducted distribution of relief goods to the evacuees at Barangay Biay, Sta. Cruz, Zambales
- ✓ On 191130 October 2015, one (1) squad 56IB with one (1) squad from 307<sup>th</sup> ACDC, 3RCDG onboard one (1) M35 truck left PDRRMO and proceeded to Centro Baler, Baler, Aurora to conduct repacking of relief goods
- ✓ On 191330 October 2015, one (1) squad 72DRC conducted distribution of relief goods to the evacuees at Don Marcelo Elementary School, Barangay Poblacion North, Sta Cruz, Zambales
- ✓ On 191400 October 2015, one (1) team 56IB with the personnel of MDRRMC San Luis, Aurora proceeded to Barangay San Isidro and Barangay Bacong both of San Luis, Aurora to distribute Six Hundred (600) packs of relief goods to the evacuees
- ✓ On 191600 October 15, troops of 3 Mech Bn supervised the distribution of relief goods to the evacuees with personnel of ABS-CBN Sagip Kapamilya at Barangay Sawat, Camiling, Tarlac
- ✓ On 191720 October 2015, six (6) pers from 72DRC provided manpower assistance in the distribution of relief goods to the evacuees at Barangay Bolitok, Candelaria, Zambales
- ✓ On 201138 October 2015, five (5) pers of 24IB augmented to the personnel of Provincial Health Office (PHO) by transporting and hauling of several packs of medicines to the MDRRMC Office of Sta Cruz, Zambales
- ✓ On 210800 October 2015, one (1) squad of 502bde extended manpower assistance in hauling 40 sacks of relief goods held at ABS CBN, Cagayan Valley, Santiago City, Isabela



- ✓ On 210030 October 2015, two (2) platoons of ACoy onboard one (1) M35 truck, two (2) km 500 truck and one (1) km 450 truck left H7ID, and proceeded to the Province of Aurora for hauling operations
- ✓ On 210809 October 2015, C130 of 220<sup>th</sup> Airlift Wing of PAF arrived at Baler Airport loaded with assorted relief goods and troops
- ✓ On 21 October 2015, four (4) WASAR teams were deployed in Pangasinan to distribute relief goods by means of rubber boat to 365 families in the isolated and inundated barangays of Cayaoasan, Bugallon, and Bani (Barangays Banug Norte and San Miguel) Pangasinan
- ✓ On 211400 October 2015, one SRR Team, 525<sup>th</sup> EBn with six (6) rubber boats rescued and evacuated eight (8) civilians and one (1) cadaver at Barangay Francis, Calumpit, Bulacan.
- ✓ On 211850 October 2015, two (2) SRR teams, 525<sup>th</sup> EBn on board one (1) M35 truck with rubber boat conducted search and rescue operations at Barangay Hagonoy, Calumpit, Bulacan.
- ✓ On 222410 October 2015, one (1) SRR Team from 525<sup>th</sup> EBn assisted in the repacking and hauling of relief goods at Hagonoy, Bulacan.

#### **HQs PHILIPPINE ARMY**

- Deployed one (1) platoon of Alpha Company, 241B to conduct SAR Operations in the Municipalities of Burgos, Bani, and Agno in Pangasinan
- Deployed one (1) team of 702 Infantry Brigade to conduct SAR operation in the affected barangays of Urdaneta City, Pangasinan
- Prepositioned three (3) M35 cargo trucks and five (5) cargo truck in Headquarters Philippine Army
- PA HADRU conducted rescue operations at Barangay Communal and Rizdelis, Cabanatuan City, Nueva Ecija which rescued 12 individual mostly children
- 703<sup>rd</sup> Brigade, PA rescued two (2) civilians in Lupao, Nueva Ecija
- Alpha Company, 241B, PA deployed one (1) platoon to conduct SAR operations in the Municipalities of Burgos and Mabini and Alaminos City in the Province of Pangasinan
- On 18 October 15, 171B DRT with five (5) PDRRMC personnel conducted rescue operations of affected residents in Barangays Patagueleg and Agugadan both of Peñablanca, Cagayan
- 501B DRT rescued some residents trapped by rising water in So Pugo, Barangay Junction, Pinukpuk, Kalinga.
- PA provided two (2) Cargo truck to transport WASAR team from West Bicutan Taguig City to H7ID AOR on 191300 October 2015
- Continuous close monitoring of their augmented DR Teams deployed in the affected areas of Aurora, Nueva Ecija, and Pangasinan
- On 210440 October 2015, DRT2 Departed 152<sup>nd</sup> NROTCU Northwestern University to link-up with DRT1 at Narvacan Municipal Hall, Ilocos Sur for HADR Operations in Casiguran, Aurora
- 702<sup>nd</sup> Brigade PA conducted rescue operations in the Municipality of Mangatarem, Pangasinan

## **HQS PHILIPPINE AIRFORCE**

- Prepositioned one (1) UH-1H and one (1) UH-1D in Tarlac; two (2) UH-1H, two (2) F-27, two (2) B-412 (Extended Power), two (2) UH-1D, two (2) UH-1H, four (4) B-412CUH (Combat Utility Helicopter), and two (2) SOKOL in Headquarters Philippine Air Force; one (1) SOKOL and one (1) HUEYII in Clark Air Base, Pampanga; and two (2) C-130 in Benito Ebuen Air Base, Mactan, Cebu
- TOG2, PAF rescued five (5) persons in Barangay Yeban Sur, Benito Soliven, Isabela
- On 190800 October 2015, TOG2 conducted area assessment for HADR mission at Sto.Tomas, Isabela where (8) barangays are submerged. Then rescued 5 persons from flashflood at Yeban Sur, Benito Soliven
- On 191300 October 2015, TOG3 conducted clearing operations at San Manuel, Tarlac then rescued twelve (12) persons at Sapang Tagalog, Tarlac City
- On 19 October 2015, two (2) SOKOL alerted for HADR operation while PAF HADRU deployed four (4) teams at Barangays Entablado, Silang, Tumana, and Barangay Palasinas, all in Cabiao, Pangasinan
- On 19 Oct, one (1) team HADR, PAF on board one (1) M35 truck with one (1) speedboat proceeded to Sta. Rosa, Nueva Ecija to conduct rescue operations
- Continuous close monitoring of their augmented DR Teams and air assets deployed in the affected areas of Northern, Central, and Southern Luzon. Remained alert of their air assets for HADR and RDANA mission
- On 22 October 2015, one (1) C130 aircraft was utilized to transport 16,500 lbs of assorted relief goods c/o DSWD from CJVAB to Casiguran Airport.
- On 22 October 2015, one (1) C130 aircraft act as secondary aircraft for the Presidential Flight from CJVAB to Casiguran Airport.
- Dispatched one (1) M35 truck with 1 505 1<sup>st</sup> SRS Team (KM 45) at Clark Air Base to Calumpit, Bulacan to conduct SAR Operations.
- On 23 October 2015, C-130 # 4704 transported a total of 28,000 lbs of assorted relief goods from CJVAB and Clark Airbase to Casiguran, Aurora
- Placed on alert status one (1) Sokol Helicopter for the conduct of RDANA

## **HQs PHILIPPINE NAVY**

- Prepositioned one (1) LC-550, one (1) AT-299, one (1) PF-15, and one (1) PS36 in Sangley Pt., Cavite City; one (1) PF-16 in South Harbor, Manila; one (1) PG396 IN NAVFORWEST, Palawan; two (2) AGUSTA (432/434) and one (1) PN311 in Naval Air Group, Sangley Pt., Cavite City
- PN HADRU proceeded to Gapan, Nueva Ecija to conduct rescue operations
- PDRTU 1.4 conducted rescue and evacuation in Pangasinan
- On 190255 October 2015, four (4) HADR teams, PN rescued and evacuated (200) persons at Daang Sarili, Cabanatuan City, Nueva Ecija

- One (1) DR team onboard one (1) M35 truck with one (1) Speedboat to conduct rescue operations at Pob. 4, Laur, Nueva Ecija 7
  - Continuous close monitoring of their augmented DR Teams deployed in the affected areas of Aurora, Nueva Ecija, Pangasinan and other affected areas in NOLCOM AOR. Remained alert of their water and air assets (Augusta Helicopter) for HADR and RDANA mission
  - Deployed DRT of PDRTU 1.4 composed of Regular and Naval Reservist to conduct rescue operations in Bugallon and Barangay Sapanan Bonuan Gueset, Pangasinan.
2. **PHILIPPINE NATIONAL POLICE (PNP)**
- Deployed forty-five (45) personnel for SAR operations in the area of La Union and Pangasinan
  - **Assets Deployed:**
    - A total of 3,017 PNP Personnel have assisted in SRR Operations in Regional Offices I, II, III, IV-A, and V
  - **PRO 1:** A total of 157 personnel were deployed while 652 personnel is on standby and ready for deployment.
  - **PRO 2:** All PPOs/CPS/MPS/PSFs has organized their SAR Teams and 214 PNP Personnel were deployed. All Unit Commanders were directed to assist LGUs within their respective AORs, in coordination with their local DRRMCs, to provide assistance in evacuation centers and to the respective family/ies returning to their houses. A total of 142 personnel composing the SAR Team are on standby and ready for deployment.
  - **PRO 4A:** SAR Teams of PPOs are on standby and ready for deployment. Sta. Maria MPS SAR Team conducted regular river water level monitoring and information dissemination within the AOR. A total of 362 personnel and 54 equipment were deployed in different LGUs in the region
  - **PRO 4B:** A total of 5 personnel were deployed in Oriental Mindoro and 117 vehicles were dispatch in different LGUs in the region.
  - **PRO COR:** SAR Teams composed of three (3) teams from RPSB, two (2) teams from Benguet, and one (1) team from Abra were deployed.
  - **SAF** deployed 42 SAF Personnel with four (4) rubber boats for possible SAR operations. Said manpower and assets are stationed/standby at the Licab Municipal Hall, Nueva Ecija
  - **NRPO** deployed 26 personnel in Nangka Elementary School
3. **BUREAU OF FIRE PROTECTION (BFP)**
- All BFP Operations Centers in Regions I, II, III and CAR are in Code Red
  - Baler Fire Station and OPFM conducted rescue operations in Barangays Buhangin, Zabali, and Obligation, all in Baler, Aurora
  - San Luis Fire Station conducted rescue operations in Barangay Isidro, San Luis, Aurora
  - Nueva Ecija BFP Rescue Team conducted evacuation and rescue operations in Bongabon, Nueva Ecija
  - BFP Region III conducted flushing operations at Cabanatuan City Hall.
  - **Assets Deployed:**
    - 5,418 Personnel, 22 Ambulances, 10 Boats, 636 Fire Trucks, 8 Rescue Vans

- Conducted clearing operations in Region I (Ilocos Norte, Ilocos Sur, Pangasinan)
  - BFP Personnel assigned at the Regional Office, La Union Provincial Office, Bauang, Aringay, Naguilian, Sto. Tomas, and San Fernando Fire Stations in La Union are involved in the repacking and distribution of relief goods
  - BFP Personnel were deployed at Brgy. Dimakung, Casiguran, Aurora to suppress a forest fire incident.
4. **PHILIPPINE COAST GUARD (PCG)**
- PCG 107 teams are on standby in Binondo, Batangas City, Legazpi, San Fernando, La Union, Aparri and Ormoc City station for possible deployment
  - PCG I conducted SAR operations in Mabini, Pangasinan
  - 161<sup>st</sup> PCG Auxiliary rescued 40 civilians in San Antonio, Nueva Ecija
  - DRG team was deployed in Mangatarem, Pangasinan onboard M-35 truck on 211358H October 2015 and enroute back in Manila on 220450H October 2015 after rescue operation has been officially terminated.
  - Ferried four verified cadavers residing in Bani, Pangasinan.
  - Deployed personnel from PCG Headquarters to conduct SAR operations at Barrio Bokbok West, Aguilar, Pangasinan.
  - Conducted SAR operations to a person reported missing from La Union within the vicinity waters of Barangay Poro to Barangay Canaoay, City of San Fernando, La Union.
  - **Assets Deployed:**
    - Four (4) PCG Teams from CGDNCR-CL departed Coast Guard Base Farola, Manila for Cabanatuan City in a 1 Isuzu Truck. The team will report to PDRRMC Cabanatuan
    - 24 Personnel from 161<sup>st</sup> PCG Auxiliary with 4 Vehicles, WASAR, MFR, High-angle Tech Rescue
    - On 192006H October 2015, 1 DRG Team composed of 1 officer and 16 Non-Officers equipped with rubber boat with outboard motor on board M-35 truck was dispatched to CG North Western Luzon to conduct rescue operations
    - On 200110 October 2015, 6 PCG DRG Teams proceeded to Cabanatuan City. While enroute to Cabanatuan Cit, 2 of the teams were able to rescue 11 residents of Santa Isabela, Cabiao, Nueva Ecija. Said teams are still conducting rescue operations in the said area
5. **PHILIPPINE RED CROSS (PRC)**
- Three (3) WASAR Teams are on standby
  - Eleven (11) Chapters of Red Cross WASAR are on standby/ready for deployment and stationed in Ilocos Norte, Benguet, La Union, Nueva Vizcaya, Nueva Ecija, Pangasinan, La Union, Bulacan, Olongapo City, Pampanga, and eight (8) in Metro Manila
  - Six (6) Red Cross Water Search and Rescue (WASAR) teams and 2 hi-under-carriage trucks are ready for deployment to Gabaldon, Nueva Ecija
  - **Assets Deployed:**
    - 2 WASAR Teams, 11 Rubber Boats, 6 Trucks; 414 personnel

- Rescued 728 individuals (Nueva Ecija-234, Pangasinan-18, Zambales-45, Bulacan-431), and assisted 255 individuals (Baguio City-132, Nueva Ecija-123)
6. **METROPOLITAN MANILA DEVELOPMENT AUTHORITY (MMDA)**
- 15 personnel, 1 vehicle, 1 rubber boat, road clearing equipment, and rescue equipment
  - Rescued 2 families / 5 persons, rescue operations is still ongoing in Nueva Ecija
  - MMDA Rescue Headquarters and Disaster Preparedness Training Center rescued seven (7) individuals in Aduas Norte, Cabanatuan
  - **Assets Deployed:**
    - 32 Personnel, WASAR Team, 2 Rubber Boats, 1 Truck, Road clearing equipment, Rescue equipment, 2 Generators, 3 Chainsaws, High Angle equipment, Water Purifier, PPEs, Digging Tools, EMT Medic
7. **LOCAL GOVERNMENT UNITS (LGUS)**
- **PDRRMC Ilocos Sur** deployed the PDRRMC SAR team in Pangasinan for additional assets: 1,100 food packs, 6x6 rescue vehicles, Hi-lux rescue vehicles, 2 boats with OBM and WASAR equipment
  - **PDRRMC La Union** conducted SAR Operations for missing person at Brgy. Acapulco, San Francisco, City of San Fernando, La Union
  - **PDRRMC Cagayan** conducted rescue and evacuation operations on flooded areas; deployed Damage Assessment and Needs Analysis Team to monitor flooded areas in the province; on-going relief distribution to the affected families in Tuguegarao City
  - **PDRRMC Pangasinan – conducted rescue operations at Alvier II, Brgy. Poblacion, Lingayen, Pangasinan**
  - **PDRRMC Bulacan** – dispatched Bulacan Rescue in Peñaranda, Nueva Ecija in coordination with Bulacan DILG and DILG Region III, PPHO, and 18<sup>th</sup> SAF to inspect different PGB Hospital to ensure availability of personnel and medicine and Rescue 117 for clearing ang operation at Paombong, Bulacan. Dispatched Bulacan Rescue and Bulacan PNP WASAR Team in San Miguel, Bulacan. Dispatched Bulacan Rescue, 18 SF-PA and Philippine Red Croos to Calumpit for rescue operations.
  - **CDRRMO Quezon City – Warning and Alert Teams** were deployed in landslide-prone barangays (Payatas, Batasan Hills, Bagong Silangan and Commonwealth)
  - **MDRRMC Baler** conducted rescue operations in Barangays Pingit and Buhangin due to flashflood.
  - **PDRRMC Zambales** WASAR Team from the Naval Education Training Command in San Antonio, Zambales was deployed in Sta. Cruz, Zambales to augment in the rescue operation on October 19, 2015 together with the Olongapo-PRC WASAR Team
8. **PRIVATE / NGO**
- **Philippine Mine Safety and Environment Association (PMSEA)**
    - 2-Man SRR (Nueva Vizcaya) on standby
    - **Assets Deployed:** 12 Personnel, 2 Dump Trucks, 1 Inflatable Boat
  - **Private Sector Disaster Management Network (PSDMN)**
    - 100 personnel are on standby, ready for deployment
    - **Assets Deployed:** 14 Personnel, 2 SAR Teams, 2 Rubber Boats

- **Wilderness Search and Rescue Team (WISAR)**
    - Ready for deployment for water search and rescue and retrieval
    - **Assets Deployed:** 14 Personnel, 3 SUVs, Recue equipment
  - **Rescue 5** deployed 1 team with four (4) persons in Ilocos Norte
9. **COMPOSITE / OTHER TEAMS**
- Seven (7) SRR Units composed of MMDA Rescue, 1601<sup>st</sup> PCG Auxiliary Unit, Wilderness SAR, PRC, Bulacan PDRRMC, 911 Pilipinas, and PDRRMC Pampanga were deployed to Cabanatuan, Gabaldon, Jaen, Laur, Palayan, Peñaranda, and Sta. Rosa (Nueva Ecija) for search, rescues, and retrieval operation.

## H. LAW AND ORDER

1. **PNP**
- Deployed 454 personnel to monitor law and order in evacuation centers
  - Evacuated 5,368 families / 9,833 persons in Pangasinan, La Union, and Ilocos Sur
  - **PRO 1:** All Municipal Police Stations are assisting DPWH in clearing operations and in giving relief goods to the affected families/individuals within AOR.
  - **PRO 2:** Dispatch Women Police Station personnel in Evacuation Centers and affected Barangays to conduct PCR Activity (Role of the Police in the Community) and dialogue on Ugnayan ng Bayan and Barangay Peacekeeping Actions Teams (BPATS). PNP Nueva Vizcaya assisted in the clearing operations and provided assistance to the returning evacuees.
  - **PRO COR:** Assisted in clearing operations, WASAR and PCR Activities.
2. Barangay Peace-Keeping Action Teams (BPATs) of Local Government Units (LGUs) were mobilized to support maintain law and order.
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