



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

Releasing Officer:

**USEC ALEXANDER P. PAMA**  
Executive Director

**DATE : 18 October 2015, 12:00 NN**

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

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

Typhoon (TY) "LANDO" with International Name "KOPPU" has entered the Philippine Area of Responsibility (PAR) in the afternoon of 14 October 2015.

At about 1:00 AM, 18 October 2015, TY "LANDO" has made landfall over Casiguran, Aurora and has remained almost stationary.

Typhoon "LANDO" is now over Nueva Ecija and is threatening the Cordillera Region.

*At 10:00 AM, the eye of TY "LANDO" was located based on all available data in the vicinity of Pantabangan, Nueva Ecija with maximum sustained winds of 150 kph near the center and gustiness of up to 185 kph. It is forecasted to move West Northwest at 5 kph. **Public Storm Warning Signal (PSWS) No. 3** is raised in the Provinces of Aurora, Quirino, Nueva Vizcaya, Nueva Ecija, Benguet, Ifugao, Mountain Province, Kalinga, La Union and Pangasinan; **PSWS No. 2** is raised in Cagayan including Calayan and Babuyan group of Islands, Isabela, Abra, Apayao, Ilocos Norte, Ilocos Sur, Zambales, Bataan, Tarlac, Pampanga, Bulacan, Rizal, Northern Quezon including Polillo Islands and Metro Manila; and, **PSWS No. 1** is hoisted in Batanes, Cavite, Laguna, Batangas, and rest of Quezon.*

*Stormy weather is expected over Metro Manila, Cagayan Valley, Cordillera, Central Luzon and the provinces of Rizal and Quezon including Polillo Islands. Rains with gusty winds will prevail over the Ilocos region, rest of CALABARZON and the provinces of Marinduque, Camarines Norte and northern part of Mindoro including Lubang islands. Cloudy skies with light to moderate rains will be experienced over Visayas, Zamboanga Peninsula, and the rest of Luzon. Partly cloudy to cloudy skies with isolated thunderstorms will prevail over the rest of Mindanao.*

*Moderate to strong winds blowing from the northeast to northwest will prevail over the rest of Luzon and coming from the southwest over Visayas and Mindanao with moderate to rough seas.*

## II. PRE-EMPTIVE EVACUATION (TAB A)

- a. A total of 1,760 families / 6,546 persons were pre-emptively evacuated inside 87 evacuation centers in Regions I, II, III, IV-A, and CAR.

## III. EFFECTS

### A. AFFECTED POPULATION (TAB B)

1. A total of 4,092 families or 16,489 persons were affected in a total of 3 cities and 32 municipalities in 11 provinces of **Regions I, II, III, IV-A, V and CAR.**
2. A total of 3,643 families / 14,596 persons are being served inside and outside evacuation centers:
  - a. Inside 123 ECs : 3,806 families / 15,038 persons
  - b. Outside ECs : 295 families / 1,442 persons

### B. SUSPENSION OF CLASSES (TAB C)

1. A total of 27 provinces, 23 cities, and 3 municipalities in Regions I, II, III, IV-A, V, VII, CAR, and NCR have suspended classes from 17 to 19 October 2015.

### C. 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.

### D. STATUS OF LIFELINES

#### ROADS AND BRIDGES (TAB D)

1. Fourteen (14) road sections and ten (10) bridges are not passable due to flooding and landslides in Regions II, III, V, and CAR.

#### POWER SUPPLY (TAB E)

1. Power interruptions / outages were reported in San Fernando City, La Union and eighteen (18) municipalities in Regions I, III and IV-A.
2. Province-wide power outages were reported in Pangasinan, Cagayan, Isabela, Quirino, Nueva Vizcaya, Aurora, Nueva Ecija, Apayao, and Kalinga.

#### COMMUNICATIONS

1. No communication in the Municipalities of Dinalungan, Casiguran, and Dilasag (DiCaDi), Aurora.

#### TRANSPORTATION SERVICES

1. On 17 October 2015, 5:50 PM, LTFRB RIII and Genesis Transport were advised to suspend operation of buses and mini-buses travelling via Baler, Baler-Cabanatuan / Baguio Routes.

### E. STATUS OF PORTS

#### SEAPORT (TAB F)

1. A total of 5,580 passengers, 78 vessels, 48 motorized bancas, and 537 rolling cargoes are stranded due to rough sea condition caused by TY "LANDO".

### **AIRPORT (TAB G)**

1. A total of **40 flights** (38 domestic and 2 international flights) have been cancelled due to bad weather.

### **F. COST OF DAMAGES**

1. An initial estimated damage worth **₱520,000.00** was reported in a road section in Brgy. Barihay, San Andres, Catanduanes (Region V).

### **G. COST OF ASSISTANCE**

1. A total of **₱398,520.00** worth of assistance was provided by LGUs of Regions I, II, and V:

<b>Regions</b>	<b>Provinces</b>	<b>Cost of Assistance</b>
I	Ilocos Sur	<b>₱25,000.00</b>
II	Isabela	<b>84,000.00</b>
III	Nueva Ecija	<b>104,250.00</b>
V	Catanduanes	<b>185,270.00</b>
<b><u>Total</u></b>		<b><u>₱398,520.00</u></b>

### **IV. DISASTER PREPAREDNESS (TAB H)**

### **V. DISASTER RESPONSE (TAB I)**

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**Preparedness Measures and Effects of TY "LANDO"**  
**Pre-emptive Evacuees**  
**As of 18 October 2015, 12:00 NN**

REGION / PROVINCE / CITY / MUNICIPALITY	No. of ECs	NUMBER OF EVACUATED	
		Family	Person
<b>TOTAL</b>	<b>87</b>	<b>1,760</b>	<b>6,546</b>
<b>REGION I</b>	<b>1</b>	<b>66</b>	<b>208</b>
<b>Ilocos Sur</b>	<b>1</b>	<b>66</b>	<b>208</b>
<i>Burgos</i>	1	66	208
<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>31</b>	<b>518</b>	<b>2,247</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>REGION IV-A</b>	<b>17</b>	<b>180</b>	<b>632</b>
<b>Quezon</b>	<b>17</b>	<b>180</b>	<b>632</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
<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"**  
**AFFECTED POPULATION**  
 As of 18 October 2015, 12:00 NN

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>109</b>	<b>4,092</b>	<b>16,489</b>	<b>123</b>	<b>3,806</b>	<b>15,038</b>	<b>295</b>	<b>1,442</b>	<b>3,643</b>	<b>14,596</b>
<b>REGION I (ILOCOS REGION)</b>	<b>1</b>	<b>66</b>	<b>280</b>	<b>1</b>	<b>66</b>	<b>280</b>	<b>-</b>	<b>-</b>	<b>66</b>	<b>280</b>
ILOCOS SUR	1	66	280	1	66	280	-	-	66	280
BURGOS	1	66	280	1	66	280			66	280
<b>REGION II (CAGAYAN VALLEY)</b>	<b>37</b>	<b>996</b>	<b>3,511</b>	<b>49</b>	<b>975</b>	<b>3,414</b>	<b>21</b>	<b>97</b>	<b>996</b>	<b>3,511</b>
CAGAYAN	2	119	353	2	119	353	-	-	119	353
APARRI	1	30	70	1	30	70			30	70
GONZAGA	1	89	283	1	89	283			89	283
ISABELA	23	695	2,432	30	695	2,432	-	-	695	2,432
SANTIAGO	1	1	7	1	1	7			1	7
BENITO SOLIVEN	2	217	648	4	217	648			217	648
DINAPIGUE	4	183	526	9	183	526			183	526
DIVILACAN	4	48	191	5	48	191			48	191
ILAGAN	1	7	26	1	7	26			7	26
JONES	1	80	450	1	80	450			80	450
MACONACON	5	56	149	4	56	149			56	149
PALANAN	1	50	204	1	50	204			50	204
ROXAS	2	27	98	2	27	98			27	98
SAN MARIANO	2	26	133	2	26	133			26	133
<b>QUIRINO</b>	<b>12</b>	<b>182</b>	<b>726</b>	<b>17</b>	<b>161</b>	<b>629</b>	<b>21</b>	<b>97</b>	<b>182</b>	<b>726</b>
AGLIPAY	1	8	40	2	8	40			8	40
CABARROGUIS	1	33	149	2	30	135	3	14	33	149
DIFFUN	1	2	9	1	2	9			2	9
MADDELA	7	136	513	10	119	437	17	76	136	513
NAGTIPUNAN	1	1	5	1	1	5			1	5
SAGUDAY	1	2	10	1	1	3	1	7	2	10
<b>REGION III (CENTRAL LUZON)</b>	<b>62</b>	<b>2,796</b>	<b>11,775</b>	<b>66</b>	<b>2,640</b>	<b>10,871</b>	<b>156</b>	<b>904</b>	<b>2,338</b>	<b>9,891</b>
<b>AURORA</b>	<b>51</b>	<b>2,332</b>	<b>9,856</b>	<b>55</b>	<b>2,176</b>	<b>8,952</b>	<b>156</b>	<b>904</b>	<b>2,332</b>	<b>9,856</b>
BALER	9	340	1,939	9	340	1,939			340	1,939
CASIGURAN	15	639	3,003	15	483	2,099	156	904	639	3,003
DILASAG	4	509	1,415	5	509	1,415			509	1,415
DINALUNGAN	5	110	447	5	110	447			110	447
DINGALAN	6	607	2,464	9	607	2,464			607	2,464
DIPACULAO	9	95	395	9	95	395			95	395
MARIA AURORA	1	11	45	1	11	45			11	45
SAN LUIS	2	21	148	2	21	148			21	148
<b>NUEVA ECIJA</b>	<b>10</b>	<b>458</b>	<b>1,884</b>	<b>10</b>	<b>458</b>	<b>1,884</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
BONGABON	1	140	700	1	140	700				
CABANATUAN	8	317	1,175	8	317	1,175				
RIZAL	1	1	9	1	1	9				
<b>ZAMBALES</b>	<b>1</b>	<b>6</b>	<b>35</b>	<b>1</b>	<b>6</b>	<b>35</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>35</b>
SANTA CRUZ	1	6	35	1	6	35			6	35
<b>REGION IV-A (CALABARZON)</b>	<b>5</b>	<b>36</b>	<b>148</b>	<b>4</b>	<b>27</b>	<b>112</b>	<b>9</b>	<b>36</b>	<b>36</b>	<b>148</b>
<b>QUEZON</b>	<b>5</b>	<b>36</b>	<b>148</b>	<b>4</b>	<b>27</b>	<b>112</b>	<b>9</b>	<b>36</b>	<b>36</b>	<b>148</b>
QUEZON	5	36	148	4	27	112	9	36	36	148
<b>REGION V (BICOL REGION)</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>1</b>	<b>2</b>	<b>-</b>	<b>9</b>	<b>-</b>	<b>11</b>	<b>-</b>
<b>CATANDUANES</b>	<b>1</b>	<b>2</b>	<b>9</b>	<b>1</b>	<b>2</b>	<b>-</b>	<b>9</b>	<b>-</b>	<b>11</b>	<b>-</b>
SAN ANDRES (CALOLBON)	1	2	9	1	2		9		11	
<b>CAR</b>	<b>3</b>	<b>196</b>	<b>766</b>	<b>2</b>	<b>96</b>	<b>361</b>	<b>100</b>	<b>405</b>	<b>196</b>	<b>766</b>
ABRA	1	32	73	1	32	73	-	-	32	73
VILLAVICIOSA	1	32	73	1	32	73			32	73
<b>KALINGA</b>	<b>2</b>	<b>164</b>	<b>693</b>	<b>1</b>	<b>64</b>	<b>288</b>	<b>100</b>	<b>405</b>	<b>164</b>	<b>693</b>
TABUK	2	164	693	1	64	288	100	405	164	693

Sources: DSWD-DROMIC Report No. 9 October 18, 2015 8:00 AM

AFFECTED AREAS	
REGIONS	6
PROVINCES	11
CITIES	3
MUNICIPALITIES	32
BARANGAYS	109

**PREPAREDNESS MEASURES AND EFFECTS OF TY "LANDO"**  
**Suspension of Classes**  
**As of 18 October 2015, 12:00 NN**

REGION	PROVINCE / MUNICIPALITY / CITY	DATE OF SUSPENSION	REMARKS
NCR	Pasay City	17 October 2015	All Levels
	Pateros	19 October 2015	All Levels
	Valenzuela City		All Levels
	Muntinlupa City		All Levels
	Navotas City		All Levels
	Makati City		All Levels
	Mandaluyong City		All Levels
	City of Manila		All Levels
	Caloocan City		All Levels
	San Juan City		All Levels
	Pasig City		All Levels
	Parañaque City		All Levels
	Marikina City		All Levels
	Taguig City		All Levels
	Quezon City		Preschool - Highschool
I	Ilocos Sur	17 October 2015	Pre-school - Highschool
	Ilocos Norte	17 October 2015	Pre-school - Highschool
	La Union	17 October 2015	Pre-school - Highschool
II	Quirino	17 October 2015	Pre-school - Highschool
	Ilagan City, Isabela	19 October 2015	All Levels
	Nueva Vizcaya	17 October 2015	Pre-school - Highschool
	Cagayan	17 October 2015	Pre-school - Highschool
III	Nueva Ecija	17 October 2015	All levels
	Aurora	17 October 2015	Pre-school - Highschool
	Malolos City, Bulacan	19 October 2015	All Levels
	Hagonoy, Bulacan		
	Bocaue, Bulacan		
	Obando Bulacan		
	Pampanga	19 October 2015	All Levels
	Tarlac	17 October 2015	Pre-school
Zambales	17 October 2015	Pre-school	
Bataan	17 October 2015	Pre-school	
IV-A	San Pablo City, Laguna	19 October 2015	All levels
	Cavite	17 October 2015	All levels
	Rizal	17 October 2015	Pre-school
	Batangas	17 October 2015	Pre-school
	Quezon	17 October 2015	Pre-school
V	Albay	17 October 2015	Pre-school
	Camarines Norte	17 October 2015	Pre-school
	Camarines Sur	17 October 2015	Pre-school
	Catanduanes	17 October 2015	Pre-school
VII	Bohol	17 October 2015	Pre-school - Highschool
	Cebu City	17 October 2015	Pre-school - Highschool
	Mandaue City	17 October 2015	Pre-school - Highschool
	Siquijor	17 October 2015	Pre-school - Highschool
	Dumaguete City	17 October 2015	Pre-school - Highschool
	Abra	17 October 2015	Pre-school - Highschool

REGION	PROVINCE / MUNICIPALITY / CITY	DATE OF SUSPENSION	REMARKS
CAR	Apayao	17 October 2015	Pre-school - Highschool
	Benguet	17 October 2015	Pre-school - Highschool
	Ifugao	17 October 2015	Pre-school - Highschool
	Mt. Province	17 October 2015	Pre-school - Highschool
	Kalinga	17 October 2015	Pre-school - Highschool



**PREPAREDNESS MEASURES AND EFFECTS OF TY "LANDO"**  
**STATUS OF ROADS, BRIDGES, & OTHER INFRASTRUCTURE**  
*As of 18 October 2015, 12:00 NN*

p		
LOCATION	BRIDGE/ROAD/OTHER	REMARKS/CAUSE
<b>CAR</b>		
<b>Apayao</b>		
	Claveria-Calanasan Road K0707+650, Mapalong Section S00630LZ	Not passable to all types of vehicles
	Conner-Kabugao Road, K00584 S00616LZ	Not passable to all types of vehicles
<b>Benguet</b>		
	Benguet-Nueva Viscaya Road, K00314+600, Pakak Section S00382LZ	Not passable to all types of vehicles
	Acop-Kapangan-Kibungan-Bakun Road, K0304+250S00399LZ	Not passable to all types of vehicles
<b>Ifugao</b>		
	Banaue-Mayoyao-Aguinaldo-Isabela Road S00480LZ:	Not passable to all types of vehicles
	a. Km 361+600-Km 367+800	Not passable to all types of vehicles
	b. Jct. Potia-Mt. Province Boundary Road	Not passable to all types of vehicles
<b>Mt. Province DEO</b>		
	6. Jct. Talubin-Barlig-Natonin-Paracelis-Calaccad Road, K0432+300, Pudo Section S00534LZ	Not passable to all types of vehicles
<b>Kalinga</b>		
	Pinukpuk-Abbut Road, K0533+600 S05935LZ	Not passable to all types of vehicles
<b>REGION II</b>		
<b>Quirino</b>		
	Cordon-Aurora Bdry. Road, K0406+000 S04745LZ	Not passable to all types of vehicles
<b>REGION V</b>		
<b>Catanduanes</b>		
	K0164+800 to K0164+900 Brgy. Barihay, San Andres	Not passable as of 7:00 PM, 17 October 2015

<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	Not passable to all types of vehicles as of 1:30PM, 17 October 2015; Alternate Route at Brgy. Circumferential Road
	Baybayog-Baggao-Dalin-Sta. Margarita Rd, Abusag Bridge, K0542+382 B04258LZ	Not passable due to flooding

<b>Isabela</b>		
	Baculud Overflow Bridge, Ilagan City	Not passable to all types of vehicles as of 9:45AM, 17 October 2015; Alternate Route at Maharlika Highway (National Highway)
	Cabisera 8 Overflow Bridge, Ilagan City	Not passable to all types of vehicles as of 10:02AM, 17 October 2015; Alternate Route at Maharlika Highway (National Highway)
	Gucab Overflow Bridge, Echague	Not passable to all types of vehicles as of 2:00PM, 17 October 2015 Alternate Route at Maharlika Highway (National Highway)
	Annafuana Overflow Bridge, Echague	Not passable as of 2:00PM, 17 October 2015; Alternate Route at San Guillermo or Angadanan, Isabela
	Cansan Overflow Bridge, Cabagan	Not passable as of 2:00PM, 17 October 2015 Alternate Route at Delfin Albano, Isabela
	Sta Maria Overflow Bridge, Sta. Maria	Not passable as of 3:30PM, 17 October 2015 Alternate Route at Tuguegarao City or Cabagan, Isabela
	Cabagan -Sta.Maria Road, Cabagan Sta. Maria Overflow Bridge B03236LZ	Not passable to all types of vehicles as of 18 October 2015
	<b>REGION III</b>	
<b>Aurora</b>		
	Baler-Casiguran Road, K0248+000 to K0351+210 (Intermittent Section) S04735LZ	Not passable to all types of vehicles due to flashflood
	Dinadiawan-Madella Road, K0295+-403 - K0309+2552 (Intermittent Section) S01529LZ	Not passable to all types of vehicles due to flashflood
<b>REGION V</b>		
<b>Catanduanes</b>		
	Catanduanes Circumferential Road K0140+080 to K0140+100 Bacon Bridge	Not passable to all types of vehicles

### C. NOT PASSABLE DUE TO TOPPLED TREES

<b>REGION III</b>		
<b>Nueva Ecija</b>		
	Daang Maharlika Road, K0141+000- K145+000 (intermittent section), Brgy. Bakal, Talavera and Brgy. Maligaya, Muñoz, Nueva Ecija S04414LZ	Not passable to all types of vehicles
	Rizal-Pantabangan Road, K0165+100 and K0166+200	Not passable to all types of vehicles

ROADS	14
BRIDGES	10
OTHER INFRASTRUCTURE	0

**PREPAREDNESS MEASURES AND EFFECTS OF TY "LANDO"**  
**STATUS OF POWER SUPPLY**  
*As of 18 October 2015, 12:00 NN*

REGION	AREAS AFFECTED	DATE/TIME	DATE/TIME RESTORED
REGION I	Ilocos Norte	As of 9:00 PM, 17 October 2015	
	<i>Adams</i>		
	<i>Burgos</i>		
	<i>Bangui</i>		
	<i>Pagudpud</i>		
	<i>Dumalneg</i>		
	<i>Portions of Bacarra</i>		
	<i>Pasauquin</i>	As of 10:00 AM, 18 October 2015	
	Pangasinan (Province-wide)	As of 10:00 AM, 18 October 2016	
	La Union	As of 10:00 AM, 18 October 2017	
	<i>Naguilan</i>		
	<i>Burgos</i>		
<i>Bagulin</i>			
<i>Bauang</i>			
<i>Portions of San Fernando City</i>			
REGION II	Cagayan (Province-wide)	As of 10:00 AM, 18 October 2015	
	Isabela (Province-wide)		
	Quirino (Province-wide)		
	Nueva Vizcaya (Province-wide)		
REGION III	Aurora (Province-wide)	As of 10:00 AM, 18 October 2015	
	Nueva Ecija (Province-wide)		
	Zambales		
	<i>Subic</i>	As of 10:00 AM, 18 October 2016	
	<i>Castillejos</i>		
REGION IV-A	Rizal	As of 12:17 AM, 18 October 2015	
	<i>Cardona Talim Island</i>		
	Quezon	As of 7:00 AM, 18 October 2015	
	<i>Infanta</i>		
	<i>Real</i>		
	<i>General Nakar</i>		
	Laguna	As of 10:00 AM, 18 October 2016	
	<i>Famy</i>		
<i>Pakil</i>			
CAR	Apayao (Province-wide)	As of 10:00 AM, 18 October 2015	
	Kalinga (Province-wide)	As of 10:00 AM, 18 October 2015	

## PREPAREDNESS MEASURES AND EFFECTS OF TY "LANDO"

STATUS OF STRANDEES  
As of 18 October 2015, 12:00 NN

STATIONS / PORTS	PERSONS	SEA VESSELS	MBCAS	ROLLING CARGO
<b>TOTAL</b>	<b>5,580</b>	<b>78</b>	<b>48</b>	<b>537</b>
<b>CGDNCR</b>	<b>867</b>	<b>2</b>	<b>0</b>	<b>0</b>
CG Station (CGS) Manila	867	2		
<b>CGD Bicol</b>	<b>939</b>	<b>18</b>	<b>6</b>	<b>81</b>
CGS Albay	856	16	5	59
CGS Catanduanes	24	1	0	12
CGS Cam Sur	27			
CGS Sorsogon	23			
CGS Masbate	9	1	1	10
<b>CGD Northeastern Luzon</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>0</b>
CGS Aparri	4		3	
<b>CGD Southern Tagalog</b>	<b>1,941</b>	<b>20</b>	<b>9</b>	<b>441</b>
CGS Batangas	643			309
CGS Oriental Mindoro	819	0		53
CGS Occidental Mindoro	53	1	4	30
CGS Southern Quezon	190	12		21
CGS Northern Quezon	45			
CGS Romblon	191	7	5	28
<b>CGD Central Visayas</b>	<b>1,829</b>	<b>38</b>	<b>30</b>	<b>15</b>
CGS Cebu	1,793	22	6	10
CGS Dumaguete	6	9	12	
CGS Tagbilaran	30	7	12	5

Source: PCG SitRep No. 12 re TY "Lando" as of 18 October 2015, 8:00AM

**PREPAREDNESS MEASURES AND EFFECTS OF TY "LANDO"**  
**CANCELLED FLIGHTS**  
**As of 18 October 2015, 12:00 NN**

FLIGHT NO.	ROUTE	REMARKS
<b>DOMESTIC FLIGHTS</b>		
<b>PAL Express</b>		
PR/GAP 2265	Manila to Naga	17 October 2015
PR/GAP 2266	Naga to Manila	17 October 2015
PR/GAP 2261	Manila to Naga	17 October 2015
PR/GAP 2262	Naga to Manila	17 October 2015
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
<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 6690	Manila to Camiguin	18 October 2015
DG/SRQ 6691	Camiguin to Manila	18 October 2015
<b>Cebu Pacific Air</b>		
5J 196	Manila-Cauayan	17 October 2015
5J 197	Cauayan- Manila	17 October 2015
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 995	Manila-General Santos	17 October 2015
5J 996	General Santos-Manila	17 October 2015
5J 621	Manila - Tagbilaran	17 October 2015
5J 622	Tagbilaran - 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 839	Zamboanga to Sanga-Sanga	18 October 2015
5J 840	Sanga-Sanga to Zamboanga	18 October 2015



FLIGHT NO.	ROUTE	REMARKS
<b>Magnum Air</b>		
M8-816	Manila to Basco	18 October 2015
M8-815	Basco to Manila	18 October 2015
<b>INTERNATIONAL FLIGHTS</b>		
<b>United Airlines</b>		
UA 183	Guam - Manila	17 October 2015
UA 184	Manila - Guam	17 October 2015

Source: CAAP as of 6:00 AM, 17 October 2015, MIAA Media Affairs as of 1:00 AM, 18 October 2015, and DOTC Operation Report as of 8AM, 18 October 2015

**Preparedness Measures and Effects of TY “LANDO”  
DISASTER PREPAREDNESS  
18 October 2015, 12:00 NN**

**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/OCDCs 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 and 18 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, and 18 October 2015 at the NDRRM Operations Center.
- h. Skype briefings with RDRRMCs I, II, III, IVA, 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
- 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 and 14 on 18 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 on 18 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, Isabel, 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.](#)

##### **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 and conduct of PDRA.

**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.

**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.
- c. Warned low-lying areas for possible flashfloods and storm surge on coastal areas.
- d. 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.

**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 62,077 Family Food Packs are prepositioned in 92 municipalities of 15 provinces in Regions CAR, II, III, and IV-A.
- c. A total of ₱18,461,984.69 standby funds, 196,737 family food packs, and ₱158,164,761.76 worth of food and non-food items available at Field Offices CAR, I, II, III, IV-A, IV-B, and NROC:

REGION	STANDBY FUNDS	STOCKPILE			
		Family Packs		Food Items	Non-Food Items
		Quantity	Total Cost		
<b>TOTAL</b>	<b>₱18,461,984.69</b>	<b>196,737</b>	<b>₱66,697,024.28</b>	<b>₱63,720,379.41</b>	<b>₱94,444,382.35</b>
<b>CAR</b>	5,679,968.18	23,345	6,666,930.80	2,070,120.91	1,843,046.62
<b>I</b>	448,064.17	22,300	7,792,500.00	1,060,960.00	4,122,237.01
<b>II</b>	987,451.27	20,867	7,303,450.00	222,604.80	144,878.56
<b>III</b>	652,045.02	18,756	5,701,332.64	482,452.64	8,916,353.78
<b>IV-A</b>	2,956,673.55	9,323	3,510,109.50	1,353,658.92	5,148,767.84
<b>IV-B</b>	4,698,782.50	8,855	2,961,937.90	5,140,792.94	1,170,940.61
<b>V</b>	3,039,000.00	28,465	11,556,790.00	6,757,400.00	20,350,752.42
<b>NROC</b>	-	64,826	21,203,973.44	46,642,389.20	52,747,405.51

#### 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.
- 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.

#### **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.

#### **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
  - Apayao – 2,000
  - Mt. Province – 10
  - 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**

- a. Activated Monitoring Team in coordination with to PENRO and CENRO Offices.
- b. Disseminated flood and landslide advisories to all municipalities and cities.

### **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 on 17 October 2015.
- 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.

**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.](#)

**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 through 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. DOH retained hospitals on 24-hour duty to attend to casualties brought to the hospitals.
- l. Medical teams are on standby for possible deployment.

#### **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.
- g. Composite team (9-man team) ready for deployment.

#### **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.

<b>PROVINCE</b>	<b>DRUGS/MEDICINE (PhP)</b>	<b>MEDICAL SUPPLIES (PhP)</b>
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><u>13,763,460.64</u></b>

**DOH V**

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

**DOH XII**

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

## **DOH CAR**

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

## **DOH NCR**

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

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

### **DPWH I**

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

### **DPWH III**

- a. 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**

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

### **DPWH IV-A**

- a. Continuously monitors the status of national roads and bridges in the region.

### **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 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).

## **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.

**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 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.

#### **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.

#### **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) 81st IB**

- a. Placed one (1) 6x6 military truck and twenty (20) personnel on standby and ready for deployment.

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

- a. Installed Harris Manpack Radio at RDRRMC Operation Center.
- b. On-standby duty at RDRRMC Operation Center.

### **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.

### **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.

### **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 II**

- a. Advised lower units to continuously monitor their respective AOR and undertake precautionary measures.
- b. Prepositioned rescue personnel and assets.

- c. Placed on standby for possible road clearing operations.
- d. Activated “Oplan Paghalasa” in preparation for the landfall of TY LANDO.
- e. All Provincial Offices including RHQ are on Full Alert Status since 16 October 2015.
- f. Directed all Fire Marshalls to ensure operational readiness stated in the DILG Oplan Listo – LGU Disaster Preparedness Manual Checklist will be undertaken.

### **BFP III**

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

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

- a. 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.

### **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 III**

- a. 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**

- c. Prepositioned food and non-food items at chapter warehouse.
- d. 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. 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. 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.

### **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.](#)

#### **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 of 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.

#### **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.

#### **PDRRMC Pangasinan**

- a. PDRRMC Tactical Operations Center on 24-hour alert status.
- b. Clustered of 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.

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

### **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.

### **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 Piat**

- 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.

**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.

**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. Conducted PDRA on 15 October 2015 and reminded BDRRMCs to conduct PDRA in their AOR and initiate public awareness re the weather disturbance. 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.

#### **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 Sorsogon**

- 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.

**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.

**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. Prepositioned rescue equipment in low areas: Barangay Doña Imelda, Tatalon, Sta. Monica, and Camp Karingal.
- c. Deployed warning and alert teams in landslide prone barangays: Barangay Payatas, Batasan Hills, Bagong Silangan, and Barangay Commonwealth.
- d. 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.

**Preparedness Measures and Effects of TY “LANDO”  
DISASTER RESPONSE  
18 October 2015, 12:00 NN**

1. Activated Response Cluster effective on 16 October 2015, 12:00 NN.
2. Conducted Response Cluster meeting on 17 October 2015, 2:00 PM at NDRRMC Conference Room and was attended by NDRRMC Response Cluster members and UN Humanitarian Country Team (UNHCT).
3. Emergency Response Information Center (ERIC) has devised the web-based platform, “Philippine National Disaster Response Pillar”, for information exchange and for 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. Activated Emergency Response Information Center (ERIC).
6. On 18 October 2015, Response Cluster Meeting was held at the NDRRMOC Conference Room and was presided by DSWD ASec. Vilma Cabrera.

**A. CAMP COORDINATION AND CAMP MANAGEMENT**

1. A total of 4,092 families or 16,489 persons are affected of which 3,806 families or 15,038 persons are inside 123 evacuation centers and 295 families or 1,442 are outside evacuation centers in Regions I, II, III, IV-A, V, and CAR.
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 center.

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

1. A total of 2,800 family food packs were delivered by National Resource Operations Center (NROC) to Field Office III.
2. Isabela Province provided a total of ₱84,000.00 worth of assistance.
3. A total of ₱1,166,078,822.69 of funds, 196,737 family food packs, ₱158,164,761.76 of food and non-food items are available at Field Offices CAR, I, II, III, IV-A, IV-B, V, and NROC.
4. 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.
5. NROC has procured the following Non-food items: malong, blankets, towel mosquito nets and family kits.
6. DPWH district offices may be used as temporary warehouse for relief good.
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. AFP provided eight (8) trucks and 60 personnel at NROC for the delivery of relief goods to Region 1.
10. Prepositioned the following non-food items at DSWD-NROC: 148,219 pcs. Malong; 863 pcs. bath towels (assorted color, 68.58x127 sq.cm.); 8,079 pcs. bath towels; 46,538 pcs. blankets; 9,715 pcs. mosquito net; and 38 packs of family kit (set of kaldero, kawali, laddle, drinking glass, cups, plate, spoon, fork, mats, blanket, and mosquito net).
11. A total of 1,216 FFPs were repacked by volunteers and Field Office staff at GMA Cavite warehouse.

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

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. 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.
3. Prepared CEISSAFP Communications Van and Mobile Communications Tower for possible dispatch.
4. AFP 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.
5. 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.
6. 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.
7. SMART/SUN Telecommunications prepositioned its equipment and standby its personnel for possible restoration activities. Prepared stock of spares and fuels.
8. Red Cross Team on Radio Telecommunication is on standby.

### **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. PCG imposed “No Sail” policy along the Eastern and North Western Seaboards of Luzon.
5. DPWH Regional Offices I, II, III, and CAR prepositioned heavy equipment and identified personnel for possible road clearing operations.
6. 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.
7. A total of 34 Disaster Response Units, 40 Officers, 766 Enlisted Personnel, 63 trucks and 14 boats of Armed Forces of the Philippines are on standby, as follows:
- a. 5DRTU – one (1) Officer and 24 Enlisted Personnel in H51D, Gamu, Isabela.
  - b. 5ID Reserve Coy – four (4) Officers and 92 Enlisted Personnel with 2 M35 in H51D, Gamu, Isabela.
  - c. 17IB – one (1) Officer and 24 Enlisted Personnel with 2 M35 in H17IB, Brgy. Masin, Alcala, Cagayan; one (1) officer and 27 Enlisted Personnel with one (1) KM250 and one (1) KM450 in Acoy TCP, Brgy. Capissayan Norte, Gattaran, Cagayan; one (1) officer and 27 Enlisted Personnel with one (4) KM450 in Bcoy TCP, Brgy. 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, Brgy. Alannay, Lasam, Cagayan.
  - d. 50IB – Nine (9) enlisted personnel with one (1) cargo truck KM 450 in Ugnayan Center, Bangued, Abra; and 50IB – Nine (9) enlisted personnel with one (1) cargo truck KM 450 in Ugnayan Center, Brgy. Bulanao, Tabuk City, Kalinga.
  - e. HHC, 56IB – one (1) Officer and 18 Enlisted Personnel with one (1) M35, two (2) KM 450, one (1) NHR, one (1) Isuzu Canter, one (1) EMC in BNHQS, Brgy. Calabuanan, Baler Aurora.
  - f. ACOY, 56IB – one (1) Officer and 18 Enlisted Personnel with one (1) KM 450 and one (1) NHR in CCP, Brgy. Lub-lub, Alfonso Castañeda, Nueva Vizcaya.

- g. BCOY, 56IB – One (1) Officer and 18 Enlisted Personnel with one (1) KM 450 in Nonong Sr., San Luis, Aurora.
- h. BCOY, 56IB – nine (9) Enlisted Personnel with one (1) NHR in CCP, Brgy. Simbahan, Dinalungan, Aurora.
- i. CCOY, 56IB – One (1) Officer and 18 enlisted Personnel with one (1) KM 450 in CCP, Dipantan, Nagtipinan, Quirino.
- j. H703BDE – 14 Enlisted Personnel with one (1) KM451, ambulance, two (2) KM 450, two (2) M35 truck, and two (2) NHR in H703BDE, Brgy. Calanan, Bongabon, Nueva Ecija
- k. H3IB – three (3) Officer and five (5) Enlisted Personnel with one (1) KM450 in Sitio Junior Campo, Brgy. Sto. Niño LL, San Jose City, Nueva Ecija; and nine (9) Enlisted Personnel with one (1) KM250 in Sitio Sitio Junior Campo, Brgy. Sto. Niño LL, San Jose City, Nueva Ecija;
- l. A3IB – one (1) Officer and nine (9) Enlisted Personnel with one (1) KM450 in Brgy. Canaan West, Rizal, Nueva Ecija.
- m. B3IB – one (1) Officer and nine (9) Enlisted Personnel with one (1) KM450 in Brgy. Dupax, Del Sur, Nueva Vizcaya.
- n. C3IB – one (1) Officer and nine (9) Enlisted Personnel with one (1) KM450 in Brgy. RA Padilla, Carranglan, Nueva Ecija.
- o. H48IB – one (1) Officer and 14 Enlisted Personnel with one (1) electric generator in Brgy. Lico, San Rafael, Bulacan; and one (1) Officer and three (3) Enlisted Personnel with four (4) M35 truck and five (5) KM450 truck in OCD III, City of San Fernando, Pampanga.
- p. 73DRC – one (1) Officer and 28 Enlisted Personnel with one (1) KM450, one (1) Manpack, and one (1) handheld radio in Brgy. Calaanan, Bongabon, Nueva Ecija
- q. 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.
- r. NTF40 DRTU 1.2 – one (1) Officer and 11 Enlisted Personnel with one (1) rubber boat/PPEs/HADR equipment in Narvacan, Ilocos Sur.
- s. 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.
- t. TOG3 – eight (8) Enlisted Personnel with one (1) KM450 and one (1) rubber boat in Camp Aquino, Tarlac City.
- u. HSOCOM – thirteen (13) Enlisted Personnel with one (1) KM250 truck, one (1) mountain and forest/search and rescue equipment in Fort Magsaysay, Nueva Ecija.
- v. HCOY, SFR (A) – twelve (12) Enlisted Personnel with one (1) 2-Ton Truck and one (1) KM450 truck in Fort Magsaysay, Nueva Ecija.
- w. 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.
- x. 18SFC, SFR (A) – eleven (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.
- y. 13SRC – three (3) Officers and 80 Personnel in Camp Tecson, San Miguel, Bulacan.
- z. 14SRC - three (3) Officers and 80 Personnel in Camp Tecson, San Miguel, Bulacan.

- aa. NETC – two (2) Officers and 17 Personnel with one (1) Isuzu Elf Double Tires and one (1) DRRT Trailer in San Antonio, Zambales.
- 8. 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 Brgy. 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 motorcyle, 4 cellphone, 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 Brgy. 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.
- 9. Armed Forces of the Philippines (AFP) on standby HADR Teams:
  - a. Philippine Army – one (1) M35 cargo truck, one (1) KM450, and three (3) rubber boats
  - b. Philippine Navy – three (3) M35 cargo trucks, three (3) rubber boats, one (1) rigid hull boat, one (1) commo van in Clark Air Base. 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.

## **E. HEALTH CLUSTER**

1. DOH-HEMB in all regions in the typhoon track is on Code White Alert.
2. DOH-HEMB issued weather alert to all Regional Offices and alert memorandum to all regional offices regarding repositioning teams and stockpiling of medicines.
3. A total of ₱43,816,113.30 worth of logistics is available at DOH-CO for augmentation as of 16 October 2015.
4. 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 ₱99,105,185.11 worth of logistics are available at DOH-CO and warehouses of DOH Regional Offices.

5. DOH thru HEMB alerted all regions to be affected.
6. 15 Regional Medical Teams are on standby.
7. Hospitals are alerted to receive and treat Typhoon "Lando" related patients.

#### **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.

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

1. Three (3) Red Cross WASAR are on standby.
2. Eleven (11) Chapters of Red Cross WASAR are on standby 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.
3. Armed Forces of the Philippines (AFP) prepositioned the following assets:
  - Philippine Army – three (3) M35 cargo trucks and five (5) cargo truck in Headquarters Philippine Army
  - Philippine Air Force – 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 Airforce; one (1) SOKOL and one (1) HUEYII in Clark Air Base, Pampanga; and two (2) C-130 in Benito Ebuen Air Base, Mactan, Cebu.
  - Philippine Navy – 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.
4. All BFP Operations Centers in Regions I, II, III and CAR are in Code Red.