



## **NDRRMC UPDATE**

### **Final Report re Preparedness Measures and Effects of Severe Tropical Storm "ODETTE" (I.N. KHANUN) 11 – 14 October 2017**

**Releasing Officer:**

**USEC RICARDO B. JALAD**  
Executive Director, NDRRMC and  
Administrator, OCD

Sources: DOST-PAGASA, DSWD, DILG, DOH, PCG, NGCP, MIAA, RDRRMCs/OCROs I, II, III, MIMAROPA, and CAR

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

##### **A. Chronology of Events**

###### **11 October 2017**

The Low Pressure Area (LPA) Northeast of Borongan City, Eastern Samar has developed into a Tropical Depression (TD) and was named "ODETTE" with maximum sustained winds of 45 kph near the center and gustiness of up to 60 kph. It was forecasted to move West Northwest 26 kph.

Tropical Cyclone Warning Signal (TCWS) No. 1 was raised over Cagayan and Isabela.



at

###### **12 October 2017**

"ODETTE" had intensified into a Tropical Storm (TS) at 10:00 PM.

TCWS No. 1 was raised over Batanes, Cagayan including Babuyan Group of Islands, Isabela, Apayao, Abra, Kalinga, Mountain Province, Ifugao, Ilocos Norte and Ilocos Sur.

TCWS No. 2 was hoisted over Batanes, Cagayan including Babuyan Group of Islands, Apayao, and Ilocos Norte.

###### **13 October 2017**

At 12:40 AM, TS "ODETTE" has made landfall over Santa Ana, Cagayan.

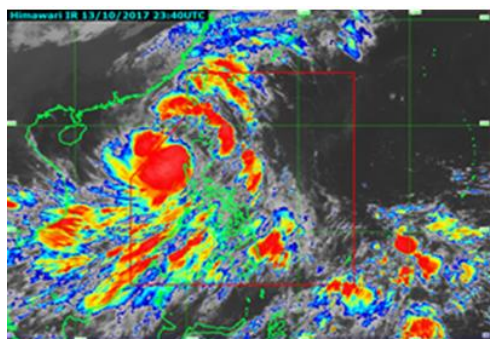
TS "ODETTE" has slightly intensified as it continued to traverse Northern Cagayan. It was estimated based on all available data at 45 km West of Sinit, Ilocos Sur with maximum sustained winds of 75 kph near the center and gustiness of up to 100 kph. TCWS No. 2 was hoisted over Batanes and Babuyan Group of Islands while TCWS No. 1 was issued over the Province of Cagayan.

At 11:00 PM, "ODETTE" had maintained its strength and was located over the West Philippine Sea. Tropical Cyclone Warning Signals elsewhere were already lifted.

### **14 October 2017**

STS "ODETTE" exited the Philippine Area of Responsibility (PAR) at 11:00 PM.

### **B. Tropical Cyclone Analysis**



"ODETTE" was given an international name [KHANUN] which means Jackfruit and was contributed by Thailand.

"ODETTE" continued to gain strength as it moved West threatening Northern Luzon. It attained the Tropical Storm intensity on 12 October 2017 evening and made landfall over Santa Ana, Cagayan. It slightly intensified and traversed Northern Cagayan, Apayao, and

Ilocos Sur. "ODETTE" had intensified further into Severe Tropical Storm while heading towards West Philippine Sea. It left the Western border of the PAR in the evening of 14 October 2017.

STS "ODETTE" stayed inside the PAR from 11 (11:00 PM) - 14 (11:00 PM) October 2017. The estimated highest maximum sustained winds was 110 kph near the center, gustiness of up to 140 kph and central pressure of 977 hPa. Maximum Tropical Cyclone Warning Signal issued was TCWS No. 2 in Ilocos Norte, Batanes, Babuyan Group of Islands, Cagayan, and Apayao.

## **II. EFFECTS**

### **A. Affected Population**

1. A total of **1,330 families / 6,392 persons** were affected in **23** barangays in Regions II, III, and CAR. Of which, **39 families / 139 persons** were served inside evacuation centers while **1,291 families / 6,253 persons** were served outside evacuation centers:

REGION / PROVINCE / MUNICIPALITY	NUMBER OF AFFECTED			POPULATION SERVED INSIDE ECs		POPULATION SERVED OUTSIDE ECs	
	Barangays	Families	Persons	Families	Persons	Families	Persons
<b>GRAND TOTAL</b>	<b>23</b>	<b>1,330</b>	<b>6,392</b>	<b>39</b>	<b>139</b>	<b>1,291</b>	<b>6,253</b>
<b>REGION II</b>	<b>14</b>	<b>1,270</b>	<b>6,172</b>			<b>1,270</b>	<b>6,172</b>
<b>Cagayan</b>	<b>14</b>	<b>1,270</b>	<b>6,172</b>			<b>1,270</b>	<b>6,172</b>
Allacapan	11	1,008	4,862			1,008	4,862
Ballesteros	3	262	1,310			262	1,310
<b>REGION III</b>	<b>1</b>	<b>10</b>	<b>30</b>	<b>10</b>	<b>30</b>		
<b>Zambales</b>	<b>1</b>	<b>10</b>	<b>30</b>	<b>10</b>	<b>30</b>		
Santa Cruz	1	10	30	10	30		
<b>CAR</b>	<b>8</b>	<b>50</b>	<b>190</b>	<b>29</b>	<b>109</b>	<b>20</b>	<b>72</b>
<b>Apayao</b>	<b>7</b>	<b>49</b>	<b>181</b>			<b>20</b>	<b>72</b>
REGION / PROVINCE / MUNICIPALITY	NUMBER OF AFFECTED			POPULATION SERVED INSIDE ECs		POPULATION SERVED OUTSIDE ECs	
	Barangays	Families	Persons	Families	Persons	Families	Persons
Luna	2	8	36	3	17	5	19
Santa Marcela	5	41	145	26	92	15	53

Benguet	1	1	9			1	9
Itogon	1	1	9			1	9

Sources: *DSWD DROMIC Terminal Report on STS "ODETTE" issued on 26 October 2017, 6:00 PM*

## B. Incidents Monitored (TAB A)

1. A total of **13 incidents** were monitored in Regions I, II, MIMAROPA, and CAR:

REGION	TYPE OF INCIDENT		
	FLOODING	LANDSLIDE	CAPSIZED BOAT
I	1		
II	3	1	
MIMAROPA	3	1	2
CAR	2		
<b>TOTAL</b>	<b>9</b>	<b>2</b>	<b>2</b>

Sources: *OCD/RDRRMC I, II, MIMAROPA, and CAR*

## C. Casualties

1. A total of 2 persons were reported dead, 1 suffered injuries, and 1 was missing due to STS "ODETTE":

NAME	RESIDENTIAL ADDRESS	AGE/ GENDER	REMARKS
<b>DEAD - 3</b>			
1. Eddu Dupagan	Sitio Bagong Sikat, Brgy. Cabacao, Abra de Ilog, Occidental Mindoro	47 y/o, Male	Cause of death: Drowning Dupagan was reported missing after fishing in Bagong Sikat River on 14 October 2017, 10:00 AM. The body was recovered in Armado, Abra de Ilog, Occidental Mindoro on 18 October 2017. <i>Source: MDRRMO Abra de Ilog. Verified by DILG MIMAROPA</i>
2. Rodrigo Salarzon Garcia	Brgy. Cabatacan, Pudtol, Apayao	68 y/o, Male	Cause of death: Drowning The victim was reportedly carried away by strong current of water while crossing a bridge between Cabatacan and San Mariano. The body was recovered at 11:35 AM, 13 October 2017.
<b>INJURED - 1</b>			
1. Oliver Ayusan Ciano	Brgy. Loacan, Itogon, Benguet	10 years old	Slight injuries on the right foot
<b>MISSING - 1</b>			
1. Leah Mangao	San Jose, Occidental Mindoro	19 y/o, Female	Passenger of capsized motorized banca in Busuanga River, Brgy. San Agustin, San Jose, Occidental Mindoro on 13 October 2017, 4PM <i>Source: MDRRMO San Jose. Verified by DILG MIMAROPA</i>

#### D. Suspension of Classes (TAB B)

1. A total of **159 areas** in Regions I, II, and CAR declared suspension of classes on 12 October 2017, most were due to pre-emptive suspension and pursuant to Executive Order No.66 series of 2012.

#### E. Status of Lifelines

##### 1. Roads and Bridges

A total of **8 road sections and 7 bridges** were affected in Regions I, II, and CAR:

PROVINCE	ROADS/BRIDGES	STATUS
<b>Region I</b>		
Ilocos Norte	Cervantes – Quirino Road K0405 +700-K0406+720	One lane passable, scoured shoulder <b>Passable on 13 October 2017, 5:00 PM</b>
	Tagudin-Cervantes-Road K0358+750-K0358+770	One lane passable, on-going construction and slope protection and pavement
Pangasinan	Pangasinan-Zambales and Bani-Agno	Not passable to light vehicles on 13 October 2017. Water level of Balincaguig River reached its maximum flood level; no damage reported. <b>Passable on the same day at around 5:00PM.</b>
Ilocos Sur	Lancuas to Cabaruan Road	Not passable on 13 October 2017 due to landslide. <b>Passable on the same day after clearing operation.</b>
	Paltoc to San Miliano Road	Not passable on 13 October 2017 due to swelling of Pulig River. <b>Passable on the same day as water level subsided.</b>
	Tucao Road (Dalawa to Poblacion)	Not passable on 13 October 2017, 11 AM due to landslide. <b>Passable on the same day after clearing operation.</b>
<b>Region II</b>		
Cagayan Valley	Mapurao to Kapanickian Road	Not passable on 14 October 2017 due to swollen river. <b>Passable on 15 October 2017</b>
	Bagunot Overflow Bridge, Baggao	Not passable on 12 October 2017. <b>Passable on 14 October 2017.</b>
	Abusag Overflow Bridge, Baggao	Closed to traffic on 12 October 2017. <b>Passable on 13 October 2017, 8:00AM</b>
	Tawi Overflow Bridge, Peñablanca	Not passable on 12 October 2017. <b>Passable on 14 October 2017.</b>
	Cabasan Overflow Bridge, Peñablanca	Not passable on 12 October 2017. <b>Passable on 14 October 2017.</b>
Isabela (1)	Alicaocao Overflow Bridge, Cauayan City	Not passable on 11 October 2017, 2:30 PM. <b>Passable only to light vehicles on 13 October 2017, 1:00PM</b>
	Sta. Maria - Cabagan Overflow Bridge, Sta. Maria	Not passable on 12 October 2017, 6:00 AM <b>Passable on 18 October 2017, 9:00 AM</b>
	Sto. Tomas - Canzan Overflow Bridge, Sto. Tomas	Not passable on 12 October 2017, 6:00 AM <b>Passable on 15 October 2017, 7:00 AM.</b>
<b>CAR</b>		
Apayao	Claveria-Calanasan Road,	Closed to traffic on 13 October 2017,

PROVINCE	ROADS/BRIDGES	STATUS
	K0677+100-k0677+145	4:00 PM <b>Passable on 18 October 2017, 9:00 AM</b>

## 2. Power Supply (TAB C)

- A total of **32 areas** in the Provinces of Ilocos Norte, Ilocos Sur, La Union, Abra, and Benguet including Baguio City have experienced power interruption/outages.

## F. Status of Ports

### AIRPORT

- A total of **10 domestic flights** were cancelled on 11-13 October 2017 due to bad weather condition:

FLIGHT NO.	DESTINATION	DATE CANCELLED
2P 2014 / 2015	MNL-Tuguegarao-MNL	11 (12:00 PM) – 12 October 2017
5J 504 / 505		
5J 506 / 507		11 (12:00 PM) – 13 October 2017
2P 2084 / 2085	MNL-Basco-MNL	13 October 2017
M8 816 / 817		

### SEAPORTS

- At the height of the event, a total of **17 passengers and 5 motor bancas** were reported stranded in Aparri and Basco (Region II).
- All shipping and fishing companies resumed with their normal operations on 16 October 2017

STATION	PASSENGER	MBCA
CGS Aparri (Port of Sabtang, Batanes)	14	2
CGS Basco (Port of San Vicente)	3	3
<b>TOTAL</b>	<b>17</b>	<b>5</b>

## G. Damages

### DAMAGED HOUSES

- A total of **9 houses (totally – 2, partially – 7)** were damaged in Regions I, MIMAROPA, and CAR.

REGION/PROVINCE/ MUNICIPALITY	TOTALLY	PARTIALLY	TOTAL
<b>GRAND TOTAL</b>	<b>2</b>	<b>7</b>	<b>9</b>
<b>Region I</b>		<b>4</b>	<b>4</b>
<b>Ilocos Norte</b>		<b>4</b>	<b>4</b>
<i>Pagudpud</i>		1	1
<b>Ilocos Sur</b>			
<i>Galimuyod</i>		3	3
<b>MIMAROPA</b>		<b>3</b>	<b>3</b>
<b>Occidental Mindoro</b>		<b>3</b>	<b>3</b>
<i>Sablayan</i>		3	3
<b>CAR</b>	<b>2</b>		<b>2</b>
<b>Apayao</b>	<b>2</b>		<b>2</b>
<i>Santa Marcela</i>	1		1
<b>Benguet</b>	<b>1</b>		<b>1</b>
<i>Itogon</i>	1		1

### **COST OF DAMAGES (TAB D)**

1. A total of **₱283,541,428.51** estimated cost of damages to agriculture and infrastructures were incurred in Regions I, II, MIMAROPA, and CAR:

<b>REGION</b>	<b>AGRICULTURE</b>	<b>INFRASTRUCTURE</b>
I	₱ 21,982,418.00	₱ 275,000.00
II	₱ 4,446,450.00	
MIMAROPA	₱ 6,553,783.75	₱ 18,578,724.00
CAR	₱ 231,705,052.76	
<b>TOTAL</b>	<b>₱ 264,687,704.51</b>	<b>₱ 18,853,724.00</b>

Sources: OCDROs, I, II, MIMAROPA, and CAR

### **III. DISASTER PREPAREDNESS AND RESPONSE (TAB E)**

#### **A. National Disaster Risk Reduction and Management Council**

##### **1. NDRRM Operations Center (NDRRMOC)**

- a. Raised the alert status to **BLUE** on 12 October 2017, 12:00 NN.
- b. Conducted Pre-Disaster Risk Assessment (PDRA) meeting re Severe Tropical Storm “ODETTE” on 12 October 2017, 10:00 AM.
- c. Issued NDRRMOC Memorandum to RDRRMCs I, II, III, and CAR re Submission of RDRRMOC’s Preparedness Actions in relation to Severe Tropical Storm “ODETTE”.
- d. Issued NDRRMOC Memorandum to NDRRMOC Member-Agencies re the Alert Status at the NDRRMOC.
- e. Disseminated Severe Weather Bulletins, General Flood Advisories, Gale Warnings, and Flood Bulletins to RDRRMCs/OCDROs concerned through SMS, facsimile, and official social media websites for further dissemination to their respective Local Disaster Risk Reduction and Management Councils (LDRRMCs).
- f. Disseminated a total of **2** Emergency Alert and Warning Message (EAWM) to areas affected by STS “ODETTE”:

<b>EAWM</b>	<b>PROVINCES</b>
TD “ODETTE” 12 October 2017, 4:46 PM	Batanes, Cagayan, Isabela, Apayao, Abra, Kalinga, Mt. Province, Ifugao, Ilocos Norte, and Ilocos Sur
TS “ODETTE” landfall 12 October 2017, 11:48 PM	

#### **B. Regional / Local Disaster Risk Reduction and Management Councils (R/LDRRMCs)**

- RDRRMCs I, II, III, MIMAROPA, and CAR disseminated weather advisories/ bulletins to RDRRMOC member-agencies, P/C/MDRRMCs, and local media (radio stations) through OCD InfoBoard Text Blast System, and uploaded the same to social accounts to effectively ensure public safety and achieve zero-casualty; alerted and closely coordinated with all PDRRMCs and RDRRMOC member-agencies for possible rescue, relief, and other response operations relative to the weather disturbance; and monitored the situation in its respective AORs.
- The following RDRRMCs raised its alert status in preparation for the potential effects of STS “ODETTE”:

<b>REGION</b>	<b>ALERT STATUS</b>	<b>DATE</b>
I	BLUE	12 October 2017
II	BLUE	08 October 2017

	RED	12 October 2017, 8:00 AM
III	BLUE	12 October 2017, 2:00 PM
CAR	BLUE	12 October 2017
	RED	13 October 2017, 10:00 AM

### C. COST OF ASSISTANCE

1. A total of **₱301,979.76** worth of assistance from DSWD and LGUs was provided to the affected families in Regions I, II, and CAR:

AREAS / PARTICULARS	TOTAL COST OF ASSISTANCE (PHP)	
	DSWD	LGUs
<b>GRAND TOTAL</b>	<b>₱ 298,485.76</b>	<b>₱ 3,494.00</b>
<b>Region I</b>		
<b>Ilocos Norte</b>		<b>₱ 350.00</b>
Pagudpud		₱ 350.00
<b>Ilocos Sur</b>		<b>₱ 3,144.00</b>
Galimuyod		₱ 3,144.00
<b>Region II</b>	<b>₱ 253,788.80</b>	
<b>Cagayan</b>	<b>₱ 253,788.80</b>	
Allacapan	₱ 253,788.80	
<b>CAR</b>	<b>₱ 44,696.96</b>	
<b>Apayao</b>	<b>₱ 44,696.96</b>	
Luna	₱ 3,192.64	
San Marcela	₱ 41,504.32	

Sources: DSWD Dromic Terminal Report on STS "ODETTE", OCDROs I and CAR

**Preparedness Measures and Effects of Severe Tropical Storm (STS) "ODETTE" (I.N. KHANUN)**  
**INCIDENTS MONITORED**  
 11 - 14 October 2017

Region	City / Municipality / Province	Date of Occurrence	Exact Location	Remarks
<b>GRAND TOTAL</b>		<b>13</b>		
<b>FLOODING INCIDENTS</b>		<b>9</b>		
REGION I	Ilocos Sur	13 October 2017	Brgy. Patac, Galiguyod	The National Road was flooded but as the weather improved it subsided on 13 October 2017 around 12:00 PM
REGION II	Cagayan	12 October 2017	Brgy. Centro 5, Claveria	A total of seventeen (17) houses were flooded in Brgy. Centro 5, Claveria, Cagayan due to swollen river
		13 October 2017	Brgys. Capanikian Sur, Pacac, Dalayap, Tamboli, San Juan, and Tubel in Allacapan	Barangays were affected by flooding due to swelling of Linao River. Water subsided in the afternoon of 14 October 2017
		14 October 2017	Brgy. San Juan, Cabayu and Nararagan (Ballesteros)	Flashflood caused by abrupt swelling of Allig – Guiddam River early morning in some areas of the said barangays.
MIMAROPA	Occidental Mindoro	14 October 2017	Brgy. Barahan, Sta Cruz	Due to heavy rains the Pola Spillway overflow.
		14 October 2017	Brgy Ilvita and Claudio Salgado, Sablayan	Barangays were affected by flooding due to heavy rains. Water subsided on 15 October 2017, around 10:00 AM
	Oriental Mindoro	14 October 2017	Brgy. Gutad and Maidlang, Calapan City	Barangays were affected by flooding due to heavy rains.
CAR	Apayao	13 October 2017, 7:30 AM	Brgys. Anninipan and Sta. Maria in the Municipality of Flora, Brgy. Caagaypayan, Municipality of Luna	Concerned LDRRMOs closely monitored the situation / conducted assessment
<b>LANDSLIDE INCIDENTS</b>		<b>2</b>		
REGION II	Cagayan	13 October 2017 12:30 AM	Sitio Tueg, Brgy. Grande, Baggao	Road in Sitio Tueg, Brgy. Grande going to the main road was closed due to landslide but was cleared at around 7:00 AM.
MIMAROPA	Romblon	14 October 2017, 10:00 PM	Sitio Cagmaya, Brgy. San Roque, Calatrava	National Road in Sitio Cagmaya, Brgy. San Roque was closed due to landslide brought by continuous rains and was cleared on 15 October 2017, 9:00 AM
<b>CAPSIZED BOAT</b>		<b>2</b>		
MIMAROPA	Occidental Mindoro	13 October 2017	Busuanga River, Brgy. San Agustin, San Jose	Motorized banca with nine (9) passengers on board capsized in Busuanga River due to strong water current in the river. Eight (8) of which were rescued but a certain Leah Mangao was still missing
		14 October 2017	Coast of Brgy. Wawa in Abra De Ilog	Motorbanca "Shiela" capsized in the vicinity of Brgy. Wawa. 4 passengers were reportedly rescued and safe.



## Preparedness Measures and Effects of Severe Tropical Storm "ODETTE" (I.N. KHANUN)

SUSPENSION OF CLASSES

11 - 14 October 2017

REGION / PROVINCE / CITY / MUNICIPALITY	NO. OF AREAS	LEVEL	DATE OF SUSPENSION	DATE RESUMED
<b>GRAND TOTAL</b>	<b>159</b>			
<b>REGION I</b>	<b>53</b>			
Ilocos Sur	<b>25</b>			
<i>Alilem</i>	1	All levels	13 October 2017	18 October 2017, 7:30 AM
<i>Bantay</i>	1	All levels		
<i>Banayoyo</i>	1	All levels	12-13 October 2017	
<i>Burgos</i>	1	Pre-school, Elementary		
<i>Cabugao</i>	1	All levels	13 October 2017	
<i>Candon City</i>	1	Elementary to High school		
<i>Caoayan City</i>	1	Elementary to High school		
<i>Lidlidda</i>	1	Elementary to High school		
<i>Magsingal</i>	1	Elementary to High school		
<i>San Emilio</i>	1	All levels		
<i>Sinait</i>	1	Elementary to High school		
<i>Galimuyod</i>	1	All levels		
<i>Gregorio del Pilar</i>	1	Elementary to High school		
<i>Salcedo</i>	1	All levels		
<i>Sto. Domingo</i>	1	All levels		
<i>San Esteban</i>	1	All levels		
<i>San Ildefonso</i>	1	Elementary to High school		
<i>Santiago</i>	1	All levels		
<i>San Vicente</i>	1	All levels		
<i>Sta. Catalina</i>	1	All levels		
<i>Sta. Cruz</i>	1	All levels		
<i>Sta. Lucia</i>	1	Elementary to High school		
<i>Sigay</i>	1	All levels		
<i>Sugpon</i>	1	Pre-school		
<i>Suyo</i>	1	Elementary		
Ilocos Norte	<b>23</b>	Elementary and High school level	13 October 2017, 6:00 AM	14 October 2017, 8:00 AM
La Union	<b>5</b>			
<i>San Fernando City</i>	1	Pre-school	13 October 2017	
<i>Bacnotan</i>	1	Pre-school	13 October 2017	
<i>San Gabriel</i>	1	Pre-school	13 October 2017	
<i>Santol</i>	1	Day Care to Elementary Level	13 October 2017	
<i>Santo Tomas</i>	1	Pre-school	13 October 2017	
<b>REGION II</b>	<b>29</b>			
Cagayan	<b>29</b>	All levels	12 October 2017, 2:00 PM	
		Pre-school to Senior High School	13 October 2017	
<b>CAR</b>	<b>77</b>			
Abra	<b>27</b>	Pre-school	12 October 2017 pursuant to the Executive Order No.66 series of 2012	
		Pre-school to High school		13 October 2017
Apayao	<b>7</b>	Pre-school	12 October 2017 pursuant to the Executive Order No.66 series of 2012	
		Pre-school to High school		13 October 2017
<i>Conner</i>		All levels		
Benguet	<b>13</b>	Pre-school	13 October 2017	
Baguio City	<b>1</b>			
Ifugao	<b>11</b>	Pre-school	12 and 13 October 2017 pursuant to the Executive Order No.66 series of 2012	
Kalinga	<b>8</b>			
Mountain Province	<b>10</b>	Pre-school to High school	12 and 13 October 2017 pursuant to the Executive Order No.66 series of 2012	
<i>Besao</i>		Pre-school to High school	13 October 2017	
<i>Sabangan</i>		Pre-school to High school	13 October 2017	
<i>Tadian (Zone 1 and 3)</i>		Elementary	13 October 2017	

Source: OCD/RDRRMCs I, II, and CAR

**Preparedness Measures and Effects of STS "ODETTE" (I.N. KHANUN)  
POWER SUPPLY  
11-14 October 2017**

REGION / PROVINCE	CITY / MUNICIPALITY / BARANGAY	DATE AND TIME OF INTERRUPTION	DATE AND TIME RESTORED	REMARKS
<b>GRAND TOTAL</b>	<b>32</b>			
<b>REGION I</b>	<b>22</b>			
<b>Ilocos Sur</b>	San Emilio	13 October 2017, 8:00 AM	14 October 2017, 10:17 AM	Entire Municipality
	Cabugao	13 October 2017, 5:25 AM	13 October 2017, 8:05 AM	Entire Municipality
	Lidlidda	13 October 2017, 8:20 AM	13 October 2017, 12:30 PM	Entire Municipality
	Magsingal	13 October 2017, 4:30 AM	13 October 2017, 8:00 AM	
	San Ildefonso	13 October 2017, 5:51 AM	13 October 2017, 8:06 AM	
	San Juan	13 October 2017, 5:40 AM	13 October 2017, 11:30 AM	Entire Municipality
	Sinait	13 October 2017, 5:51 AM	13 October 2017, 8:06 AM	
	Sta. Catalina	13 October 2017, 4:30 AM	13 October 2017, 10:30 AM	Some barangays
	Sto. Domingo	13 October 2017, 5:51 AM	13 October 2017, 8:06 AM	Entire municipality
	Bantay	13 October 2017, 5:51 AM	13 October 2017, 8:06 AM	Some barangays
	Banayoyo	13 October 2017, 7:00 AM	13 October 2017, 2:00 PM	Some barangays
	Sta. Lucia	13 October 2017, 8:45 AM	13 October 2017, 11:00 AM	Brgys. Lubay and Paratong
	Sugpon	13 October 2017, 6:30 AM	13 October 2017, 2:45 PM	Entire municipality
	Suyo	13 October 2017, 7:00 AM	13 October 2017, 12:30 PM	Entire municipality
Vigan City	13 October 2017, 5:30 AM	13 October 2017, 10:30 AM	Intermittent power	
<b>Ilocos Norte</b>	Bacarra	13 October 2017, 11:30 AM	14 October 2017, 7:30 AM	Some parts of Brgys 10 and Macupit
	Badoc			Brgy. Pagsanaham, Murong, Sta. Cruz A, B Paguetpet and Aring
	Batac City			Some parts of Bungon, San Pedro and Quiling Sur
	Burgos			Brgy. Agaga
	Laoag City			Laoag South and Laoag North
	Pagudpud			Brgy. Aggasi (Sitio Malasin) and Saguigui
	San Nicolas			Brgys. 1,2,3,14, 15, and 16, and Brgy. San Marcos
<b>La Union</b>	Tubao	14 October 2017, 2:00 AM	15 October 2017, 12:10 PM	All Barangays
<b>CAR</b>	<b>10</b>			
<b>Abra</b>	Danglas	13 October 2017, 3:00 AM	13 October 2017, 11:00 AM	Immediately restored on the same day
	Boliney	13 October 2017, 2:00 AM	13 October 2017, 4:00 PM	
	Bucay	13 October 2017, 3:00 AM	13 October 2017, 6:00 PM	
	Tubo	13 October 2017, 6:00 AM	13 October 2017, 3:30 PM	
<b>Benguet</b>	Kibungan	14 October 2017, 1:00AM	14 October 2017, 11:00 AM	Brgy. Sagpat
	Itogon	14 October 2017, 6:00 AM	15 October 2017, 4:00PM	Brgys. Ucab and Tuding
	Tuba	14 October 2017, 6:00 AM	15 October 2017, 4:00 PM	Power restored in Brgys. Taloy Sur and Norte, Nangalisan, Camp 3, Poblacion, and Brgy. Nangalisan
	Marcos Highway	14 October 2017, 6:00 AM	14 October 2017, 3:00 PM	Power restored
	Tublay	14 October 2017, 6:00 AM	14 October 2017, 4:00 PM	Brgy. Acop
	Baguio City	14 October 2017, 6:00 AM	15 October 2017, 4:00 PM	Power restored in Dontangan, Santo Tomas, Crystal Cave, Kitma, Green Valley, Gen Emilio Aguinaldo Street, Upper QM, Irisan, Camp 7 and Parts of Kias.

REGION / PROVINCE	CITY / MUNICIPALITY / BARANGAY	DATE AND TIME OF INTERRUPTION	DATE AND TIME RESTORED	REMARKS
Benguet	Baguio City	14 October 2017, 6:00 AM	14 October 2017, 3:00 PM	Power restored in Quirino Hill, Alno La Trinidad, Scout Bario, Loakan Proper, Maria Basa, Quisumbing Trancoville, Yangco Road, Marcos Highway, San Luis, Kias Purok 2 and 5, and Bakakeng.

SOURCE: OCDROs I and CAR

**Preparedness Measures and Effects of Severe Tropical Storm "ODETTE" (I.N. KHANUN)**  
**COST OF DAMAGES**  
 11-14 October 2017

Region / Province/ City / Municipality	AGRICULTURE						INFRASTRUCTURE	TOTAL COST (Agriculture + Infrastructure)	
	CROPS (Rice, Corn)		HVCC		LIVESTOCKS	FISHERIES	IRRIGATION		ROADS/BRIDGES/OTHER STRUCTURES
	Type of Crops / Livestock	Estimated Peso Value	Type of HVCC	Estimated Peso Value	Estimated Peso Value	Estimated Peso Value	Estimated Peso Value		
<b>GRAND TOTAL</b>	<b><u>264,687,704.51</u></b>						<b><u>18,853,724.00</u></b>		
<b>SUB-TOTAL</b>	<b>262,984,021.51</b>	<b>852,796.00</b>	<b>86,550.00</b>	<b>764,337.00</b>	<b>714,337.00</b>	<b>275,000.00</b>	<b>18,853,724.00</b>	<b><u>₱283,541,428.51</u></b>	
<b>REGION I</b>	<b>20,415,285.00</b>	<b>852,796.00</b>			<b>714,337.00</b>		<b>275,000.00</b>	<b>22,257,418.00</b>	
Ilocos Norte	Rice 9,611,817.00	-	351,656.00	-	34,230.00	-	275,000.00	10,272,703.00	
La Union	Rice 10,775,178.00		501,140.00		2,684.00			11,307,292.00	
	Corn 28,290.00								
Ilocos Sur					37,023.00			37,023.00	
Pangasinan					640,400.00			640,400.00	
<b>REGION II</b>	<b>4,446,450.00</b>							<b>4,446,450.00</b>	
Isabela	Rice 4,446,450.00							4,446,450.00	
<b>MIMAROPA</b>	<b>6,417,233.75</b>			<b>86,550.00</b>	<b>50,000.00</b>		<b>18,578,724.00</b>	<b>25,132,507.75</b>	
Occidental Mindoro	Rice 6,417,233.75			86,550.00	50,000.00		18,578,724.00	25,132,507.75	
<b>CAR</b>	<b>231,705,052.76</b>							<b>231,705,052.76</b>	
Abra	12,591,024.50							12,591,024.50	
Apayao	128,908,492.70							128,908,492.70	
Benguet	90,205,535.56							90,205,535.56	

Source: DPWH, OCDROs I, II, and CAR

**Preparedness Measures and Effects of Severe Tropical Storm “ODETTE”  
(I.N. KHANUN)  
DISASTER PREPAREDNESS AND RESPONSE  
11 – 14 October 2017**

**A. National Disaster Risk Reduction and Management Council (NDRRMC)**

**1. NDRRM Operations Center (NDRRMOC)**

- a. Raised the alert status to BLUE on 12 October 2017, 12:00 NN.
- b. Conducted Emergency Response Preparedness (ERP) re Severe Tropical Storm “ODETTE” on 12 October 2017, 10:00 AM.
- c. Issued NDRRMC Memorandum to RDRRMCs I, II, III, and CAR re Submission of RDRRMC’s Preparedness Actions in relation to Severe Tropical Storm “ODETTE”.
- d. Issued NDRRMC Memorandum to NDRRMC Member-Agencies re the Alert Status at the NDRRMOC.
- e. Prepared Emergency Alert and Warning Messages (EAWM) re STS “ODETTE” and forwarded the same to Telecommunications Service Providers for widest dissemination to the public.
- f. Disseminated Severe Weather Bulletins, General Flood Advisories, Gale Warnings, and Flood Bulletins to RDRRMCs/OC드로 concerned through SMS, facsimile, and official social media websites for further dissemination to their respective Local Disaster Risk Reduction and Management Councils (LDRRMCs).

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

- a. Provided updates on the track of the said weather disturbance and Status of monitored major dams during the ERP Meeting on 12 October 2017.
- b. Disseminated Severe Weather Bulletins, General Flood Advisories, Flood Bulletins, and Gale Warnings re Severe Tropical Storm “ODETTE”.

**3. Department of the Interior and Local Government (DILG)**

- a. Provided information/advisories to all concerned DILG ROs regarding the development of the STS “ODETTE” thru emails and text blasts.
- b. Instructed all concerned DILG ROs to take proactive measures in the impending disaster.
- c. Provided updates on weather alerts/advisories to all ROs and LGUs.
- d. Advised all concerned DILG Regional Offices to activate the DILG Regional Disaster Reporting and Monitoring for STS “ODETTE”.
- e. Monitored all affected LGUs.
- f. Advised Regional Offices of I, II, III, and CAR on the updates of STS “ODETTE” to activate their disaster monitoring and reporting systems.
- g. Disseminated information to concerned field offices on the list of barangays with greater than 100 mm rain and barangays with high to very high susceptibility to floods and landslides from PAGASA and MGB.
- h. Alerted and advised all concerned LGUs to perform the following actions:
  - Initiate critical preparedness actions based on the Operation LISTO protocols, and prepare communities especially those in low-lying

and/or landslide-prone areas, highways, and riverbanks, including fishermen

- Activate concerned Barangay DRRMCs for early warning measures and vigilant monitoring of areas with settlements at the base of sliding slopes or ridges with manifestations of rockslide/landslide, tension cracks, and areas identified as very high/critical landslide zones
- Vigilant monitoring and reporting of the impending weather disturbances and other incidents during the holiday season
- Inform/advise all communities thru but not limited to the local television channels and radio stations of the updates of the situation and preparedness actions of the localities
- Vigilant monitoring of levels of river water and settlements in low-lying areas or near riverbanks which have experienced recent and repeated flooding
- Vigilant monitoring for possible riverbank erosion and shift of river flow direction
- Prepare to implement evacuation protocol in areas with high susceptibility ratings to landslide and flood
- Restrict or ban tourist activities such as, but not limited to, mountaineering/hiking, surfing, diving, and spelunking. within their areas of jurisdiction during the period
- Warn small scale miners to stay in safer grounds and avoid any mining activities
- Visit the MGB Geo-Hazard Web Portal at [gdis.denr.gov.ph/mgbgoogle](http://gdis.denr.gov.ph/mgbgoogle) for additional information

#### **DILG REGIONAL OFFICES I, II, III, and CAR**

- a. Sent Regional Memorandum on the activation of Monitoring and Reporting System for STS “ODETTE” to DILG Provincial/City Offices.
- b. Forwarded Critical Cyclone Track Chart from PAG-ASA to DILG Provincial/City Offices.
- c. Sent Regional Advisory on the STS “ODETTE” to DILG Provincial/City Offices.
- d. Advised all concerned LCEs to take precautionary measure to the effects of STS ODETTE and ensure the compliance in carrying-out actions as suggested in Operation L!STO.
- e. Forwarded the MGB list of identified barangays in the region which have high-to-very high susceptibility to floods and rain-induced landslides within 72 hours, based on PAGASA’s GSM forecast to DILG Provincial/City Offices.
- f. Forwarded General Flood Advisory and Severe Weather Bulletins issued by PAGASA thru SMS and e-mail to DILG Provincial/City Office.

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

- a. Prepositioned stockpiles and standby funds amounting to ₱1,025,297,675.97 with breakdown as follows:
  - A total of 348,796 Family Food Packs (FFPs) amounting to ₱121,301,924.18 and available Food and Non-food Items (FNIs) amounting to ₱406,514,649.21 on stockpiles

- ₱497,481,102.58 standby funds in the CO and FOs
  - ₱451,163,659.05 available for Quick Response Fund in the CO
- b. DSWD-DReAMB Operations Center was on GREEN alert and placed on standby for BLUE Alert Status.
  - c. The Disaster Response Operations Monitoring and Information Center (DROMIC) of the DSWD-DReAMB was placed on 24/7 duty for monitoring of disaster events and report updates.

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

- a. Advised all PCG units to ensure strict implementation of HPCG Memorandum Circular Number 02-13 (Guidelines on Movement of Vessels during Heavy Weather).
- b. Placed Coast Guard Assets and Deployable Response Groups with rubber boats on standby ready for possible deployment.
- c. Activated the Coast Guard District Northwestern Luzon (CGDNWLZN) Deployable Group (DRG) within AOR, District Crisis Management Committee, and Response Assets.
- d. Conducted the information drive “*Paalala sa mga Mangingisda*”.

#### **6. National Grid Corporation of the Philippines (NGCP)**

- a. Power system operator and transmission service provider NGCP implemented the necessary preparations and precautions to minimize the impact of Severe Tropical Storm “ODETTE” on transmission operations and facilities.
- b. Ensured the readiness of all power transmission facilities expected to be affected by the passage of the weather disturbance thru NGCP’s Integrated Disaster Action Plan (IDAP) and other procedures.
- c. NGCP’s Overall Disaster Command Center monitored all power restoration activities, reports, and updates from the Regional Command Centers in North Luzon, South Luzon, Visayas, and Mindanao, that were is directly affected by the weather disturbance.

### **B. Regional / Local Disaster Risk Reduction and Management Councils (R/LDRRMCs)**

- RDRRMCs I, II, III, and CAR disseminated weather advisories, bulletins to RDRRMC member-agencies, P/C/MDRRMCs, and local media (radio stations) through OCD InfoBoard Text Blast System, and uploaded the same to social accounts to effectively ensure public safety and achieve zero-casualty; alerted and closely coordinated with all PDRRMCs and RDRRMC member-agencies for possible rescue, relief, and other response operations relative to the weather disturbance; and monitored the situation in its respective AORs.

#### **1. RDRRMC I**

##### **Office of Civil Defense (OCD) I**

- a. Disseminated Memorandum No. 105 to RDRMMC-1 Member Agencies re Conduct of Pre-Disaster Risk Assessment (PDRA) Meeting re STS “ODETTE”.
- b. Conducted Pre-Disaster Risk Assessment (PDRA) Meeting with RDRRMC1 Member-Agencies.

- c. Disseminated Memorandum No. 106 to RDRRMC1 Member-Agencies and PDRRMOs re raising of Alert Status to Blue Alert for Severe Tropical Storm “ODETTE”.
- d. Requested all PDRRMCs and RDRRMC member agencies to be on standby for possible rescue, relief and other response operations.

#### **DSWD FO I**

- a. The DReAMB staff monitored the effects of Severe Tropical Storm “ODETTE”.
- b. Quick Action Response Teams (QUARTs) of the Field Office I and the Provincial Operations Offices monitored and prepared pre-disaster activities in close coordination with the Office of Civil Defense -Region I and with the different P/C/MDRRMCs for the adverse effects brought by the STS “ODETTE”.
- c. Placed a standby fund of ₱ 1,183,900.00 for Quick Response Fund (QRF).
- d. Prepositioned a total of 23,049 Family Food Packs worth ₱9,158,089.28.
- e. Detailed Duty Officers rendered duty at the RDRRMC I Emergency Operations Center (EOC) for verification and submission of reports.
- f. Coordinated between and among the DReaM Staff, the Quick Action Response Teams (QUARTS) of the Field Office and the Provincial Operations Offices (POOs), and the Office of Civil Defense.

#### **Department of Agriculture (DA) I**

- a. Activated the DA Regional and Provincial DRRMOC for the preparation and submission of weather situation, damage reports, and rehabilitation /recovery plan to RDRRMOC.
- b. Monitored and assessed any damages in the agri-sector’s commodities.

#### **Bureau of Fisheries and Aquatic Resources (BFAR)**

- a. Activated BFAR Regional Field Office I, Regional Command Center (RCC) simultaneous with concerned Provincial Command Center (PCCs) through SMS and Memorandum.
- b. Placed RCC, PCCs, and all Operating Units (OUs) on Blue Alert status.
- c. Monitored fisheries and production facilities and reporting by concerned PCs.
- d. Advised PCCs to initiate following preparedness measures:
  - Determine and implement appropriate actions to undertake for protection of personnel, properties, and projects within the AOR
  - Coordinate with their LGU counterparts for all other projects at risk such as harvest or relocation of stocks, whichever is more applicable
  - Coordinate with concerned agencies, CFV operators, and owners not to venture into fishing activities until proper authorities declare it is safe.

#### **Department of Education (DepEd) I**

- a. Advised School Heads/DRRM Coordinators to facilitate completion of Rapid Assessment of Damages Report (RADaR).
- b. Coordinated with LGUs on class suspension/ resumption and learning continuity to assure quality education.

#### **Department of Health (DOH) I**

- a. Placed on Code Blue Status as per the RDRRMC Memorandum No. 106 series of 2017.



- b. Prepositioned a total of ₱12,000,000.00 worth of drugs and medicine
- c. 3 DOH retained Hospitals (Mariano Marcos Memorial Hospital and Medical Center, Batac City, Ilocos Norte; Ilocos Training and Regional Medical Center, San Fernando City, La Union; and Region I Medical Center, Dagupan City, Pangasinan) were on 24 hours duty to attend to casualties brought about by the weather disturbance.
- d. Attended the Pre-Disaster Risk Assessment (PDRA) at the OCD Regional Office I Conference Room, Pagdalagan, San Fernando City, La Union on 12 October 2017.
- e. Placed DOH Regional Office I on standby Public Health team ready for deployment.
- f. Prepositioned drugs and medicines to the Provincial DOH Offices:

Province	Items	Amount
Ilocos Sur	Assorted Drugs, Medicines and Logistics	1,512,348.55
Ilocos Norte		582,444.65
Panagasinan		1,285,588.27
La union		49,595.08
<b>Total</b>		<b>₱3,429,976.55</b>

- g. Stockpiled assorted drugs and medicines:

Unit	Estimated Cost
Warehouse (General Supply)	₱12,204,808.81

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

- a. Coordinated with the LDRRMCs and LGUs.
- b. Reminded all responders to secure/evacuate affected families to safe area before disaster strikes.
- c. Rendered assistance to Ilocos Norte Provincial Resiliency Office for the re-packing of relief goods as part of the Province's preparedness measures.
- d. Supervised the repacking of relief goods at Takuat Training Center, San Nicolas, Ilocos Norte.
- e. Placed SAR Teams on standby for possible deployment.
- f. Activated Disaster Incident Management Task Group (DIMTG).

#### **Naval Force Northern Luzon, PN**

- a. Prepositioned 2 Disaster Relief Response Teams for deployment.

#### **Mines and Geosciences Bureau (MGB)**

- a. Issued threat advisories specifying the flood and landslide hazard susceptibility/ critical areas in the municipalities/ cities of the Region.

#### **National Irrigation Administration Regional Office (NIA RO) I**

- a. Informed respective offices about the alert status regarding STS "ODETTE"

#### **Philippine Red Cross (PRC) I**

- a. On a 24/7 operations.
- b. Monitored and coordinated with Local DRRM offices.
- c. Activated other RCAT and RC143 municipal coordinators and volunteers.

#### **PDRRMC Ilocos Sur**

- a. Placed response equipment on standby.

- b. Alerted ERT for possible deployment.
- c. Ensured evacuation centers were ready for possible evacuation.
- d. Prepositioned food packs and heavy equipment for mobilization.
- e. Placed to BLUE alert status.

**PDRRMC Ilocos Norte**

- a. Placed response equipment on standby.
- b. Alerted Emergency Response Team (ERT) for possible deployment.
- c. Ensured evacuation centers were ready for possible evacuation.
- d. Prepositioned food packs and heavy equipment for possible mobilization.
- e. Advised all the residents to limit outside activities during heavy rains and thunderstorms accompanied by lightning.
- f. Prohibited children from swimming and fishing in swollen rivers and creeks.
- g. Advised the farmers to secure their livestock in safe areas and for fishermen not to venture out to sea.
- h. Conducted PDRA Meeting.
- i. Placed equipment on standby for possible response operation.

**MDRRMC Vintar, Ilocos Norte**

- a. Activated the Emergency Operations Center.
- b. MDRRMO personnel, Vintar Search & Rescue Group (VSARG) and Vintar Incident Response & Management (VIRM) Team were on standby and alert for preparedness and response measures.
- c. Placed rescue equipment and medical equipment and supplies were readily available at the Emergency Operations Center.
- d. Conducted roving operations and ocular inspection to assess the AOR and better attend the needs of the community.

**PDRRMC Pangasinan**

- a. Coordinated with the CDRRM Council Partner Agencies, (PNP, MARITIME, BFP, PCG DAG DET and PN NRCNL), NGOs, DepEd, and BDRRMCs.
- b. Informed Coastal/Island Barangay Council to advise their fishermen not to venture out to sea with the assistance of the Philippine Coast Guard (PCG).
- c. Conducted PDRA relative to Severe Tropical Storm being experienced in AOR.
- d. Monitored the situation especially the water level rise in AOR.
- e. Issued Memo to Local DRRMCs to implement their Preparedness Plans and undertake all precautionary measures; alerted Rescue and Emergency Response Units; and warned residents to evacuate to safer grounds and to undertake pre-emptive evacuation whenever necessary especially in landslide/flood-prone areas.
- f. Raised alert status to BLUE.
- g. Prepositioned rescue boats at the hazard-prone municipalities of San Fabian, Bani, Dasol, Mangatarem, Calasiao, and Mabini.
- h. Instructed the BDRRMCs to monitor and reprimand residents especially the minors to swim along the river system.

**CDRRMC Alaminos, Pangasinan**

- a. Placed alert status to BLUE on 12 October 2017, 11:00 AM.

- b. Monitored the weather updates and bulletins. Weather updates were disseminated thru SMS to CDRRMC Members, Punong Barangay, BDRRMCs, and BDRTs.
- c. Informed all personnel of the Alaminos Response Team, WASAR, and concerned agencies to report at once upon notification.
- d. Allowed large and medium-sized boats to ferry guests to HINP as per PCG advice.
- e. Conducted roving to check status of barangays along Alaminos River and tributaries.
- f. Advised BDRRMC to submit damage assessment in respective AOR.

**MDRRMC Sta. Barbara, Pangasinan**

- a. Monitored and prepared all necessary equipment for possible response.
- b. Coordinated with barangays that were always affected by rain and flood water.
- c. Coordinated with concerned agencies and offices.
- d. Alerted volunteer and WASAR teams.

**MDRRMC Burgos, Pangasinan**

- a. Alerted and coordinated with the OCD, PDRRMO, and all MDRRMC members and other agencies involved.
- b. Disseminated advisory and coordinated local leaders to prevent fisher folks and other small sea vessels from venturing out on the sea during inclement weather.

**MDRRMC Bani, Pangasinan**

- a. Monitored weather advisories and updates from PAGASA and water level of river tributaries.
- b. Prepared all necessary rescue vehicles and equipment.

**MDRRMC Bautista, Pangasinan**

- a. Conducted PDRA Meeting with the BDRRMCs.
- b. Disseminated advisories through telephone calls, Social media and Automatic Disaster Information System (ADRIIS) text blast to ensure public safety.
- c. Monitored and prepared all necessary equipment for possible response to emergency cases.
- d. Placed all accredited Community Disaster Volunteers (ACDVs), Emergency Response Teams (ERT), WASAR Teams, and vehicles for deployment.
- e. Informed residents to prohibit their relatives along the Agno River especially the minors to swim.
- f. Alerted Philippine Red Cross 143 Community based Health First Aid (CBHFA) volunteers in the AOR.

**MDRRMC Bolinao, Pangasinan**

- a. Alerted emergency Operation Center (EOC) for 24-hour monitoring.
- b. Disseminated advisories and weather updates.
- c. Placed alert team and equipment on standby status.
- d. Coordinated with the Punong Barangays, PNP, BFP, MSWDO, PCG and other agencies involved.

**MDRRMC San Carlos City, Pangasinan**

- a. Monitored the situation and coordinated with the MDRRMC member agencies, City Health Office (CHO), City Information Office, NGOs, DepEd, and BDRRMCs.
- b. Conducted ocular inspection to flood prone barangays.

**MDRRMC Bugallon, Pangasinan**

- a. Monitored the Weather Bulletin of PAGASA and water level at Bañaga Bridge.

**MDRRMC Mangaldan, Pangasinan**

- a. Placed on BLUE alert status for monitoring of the situation.
- b. Prepared the SAR assets.

**MDRRMC Anda, Pangasinan**

- a. Instructed all BDRRMCs to keep monitoring its respective AOR.
- b. Advised fishermen to avoid venturing out to sea and tourists to refrain from going to beach.

**MDRRMC Balungao, Pangasinan**

- a. Raised alert status to BLUE effective 13 October 2017, 6:00 AM.
- b. Conducted continuous monitoring of the situation.
- c. Placed WASAR Team and equipment on standby and ready to respond to emergencies.
- d. Coordinated with all Barangay DRRM Committees.

**PDRRMC La Union**

- a. Disseminated alert message to LGUs and monitored weather updates.

**2. RDRRMC II****OCD II**

- a. Placed on BLUE alert status on 08 October 2017 and further raised the alert status to RED on 12 October 2017, 8:00 AM.
- b. Monitored the situation and coordinated to Cagayan Valley RDRRMC member agencies, P/C/MDRRMCs, and to other stakeholders
- c. Established communication link with the PDRRM Operations Center thru HF/VHF Radio Communications.
- d. Disseminated the CVRDRRMC Memorandum No. 25 dated 12 October 2017 re raising of R/P/C/M DRRMC alert status from Blue to Red.

**PRO II**

- a. Disseminated the latest weather bulletin/advisories to all PPOs and SCPO.
- b. Alerted residents living in low lying areas and mountainous areas and monitored against possible flashfloods and landslides.
- c. Advised fishermen using fishing boats and other small sea crafts not to venture out to sea due to STS "ODETTE".
- d. Monitored all overflow bridges and water levels.

**DSWD II**

- a. Provided 600 family food packs to augment the prepositioned relief goods in Allacapan, Cagayan affected by flooding.
- b. Advised SWAD Teams in the province to closely monitor the effects of STS "ODETTE". Likewise, coordinated with its respective PDRRMOs.

- c. Provided PAGASA advisories to LGUs thru P/MSWDOs and SWAD Teams/Municipal Action Teams.
- d. Stockpile placed on standby were the following:
  - ₱5,489,036.43 worth of funds
  - 13,891 Family Food Packs
  - 264 Sacks of NFA rice
  - Assorted canned goods (92 cases corned beef, 88 cases sardines, and 92 cases sausage)
- e. Provided 600 family food packs to augment the prepositioned relief goods in Alacapan, Cagayan affected by flashfloods.
- f. The following were prepositioned on 13 October 2017:
  - 264 sacks of NFA rice
  - 92 cases of corned beef
  - 88 cases of sardines
  - 92 cases of sausage

## **DOH II**

- a. Placed HEMB on 24/7 duty.
- b. Actively monitored the situation thru Tri-Media (Radio, TV, and Internet) and coordinated with OCD, HEMB, PNP, BFP, and other CVRDRRMC member agencies.
- c. Prepositioned a total of ₱250,000.00 worth of drugs and medicines and other logistics per province.
- d. Coordinated with OCD, HEMB, PNP, BFP, and CVRDRRMC.
- e. Activated Regional Response Team and Rapid Health Assessment Team per PDOHOs.

## **DPWH II**

- a. Prepositioned all available / operational equipment with operator including designated inspectors to the landslide-prone areas identified by the concerned DEOs.
- b. Activated the Regional and DEOs Disaster Risk Reduction and Management Team.
- c. Installed barricades and signages to not passable overflow roads and bridges.

## **CGD Northeastern Luzon**

- a. “No Sail Policy” was in effect in relation to STS “ODETTE”
- b. Monitored PAGASA weather bulletins and strict implementation of the Guidelines on Movement of Vessels during Heavy Weather forecast and other OCG rules and regulations.
- c. Quick Response Teams, OPGON SAR units/vessels and other responding team/units are on standby for immediate dispatch/deployment.
- d. Manned respective Command Centers on a 24/7 basis.

## **PDRRMCs Batanes and Isabela**

- a. Monitored the situation and disseminated weather advisories and situation updates within respective AOR.
- b. Placed rescue teams on standby.

## **PDRRMC Quirino**

- a. Raised alert status from BLUE to RED on 12 October 2017, 9:00 AM.

- b. Alerted all MDRRMOs
- c. Monitored the effects of STS “ODETTE” and disseminated the weather advisories thru Facebook and Radio via DWQP 92.1 Quirino FM.

**PDRRMC Nueva Vizcaya**

- a. Placed Nueva Vizcaya Search and Rescue Unit on standby.
- b. Advised all MDRRMOs to monitor its respective AOR.
- c. Prepositioned relief goods, mobilization and heavy equipment.
- d. Placed Radio Groups on standby.

**Provincial Climate Change and Disaster Risk Reduction and Management Council (PCCDRRMC) Cagayan**

- a. The PDRRM Office was placed on 24/7 monitoring the weather condition and the water level of Tuguegarao Gauging Station (Buntun Bridge), Isabela, Quirino, province and tributaries and upper main Cagayan River.
- b. Coordinated with the different stakeholders and disseminated weather bulletin/advisories to C/MDRMCs.
- c. Task Force Lingkod Cagayan (TFLC)/POPE/QRT/Responders in the province were on 24/7 full alert status.
- d. Coordinated with different stakeholders on the activities undertaken.
- e. Made available Food and non-food stockpile.
- f. Prepositioned rescue equipment and vehicles in different strategic areas in Cagayan.
- g. Prepositioned Radio Units / Emergency Telecommunications Units in the strategic areas in the province.

**CDRRMC Tuguegarao City, Cagayan**

- a. Monitored the Buntun Water Level.
- b. Disseminated weather advisories to BDRRMCs.
- c. Prepositioned rescue equipment for possible mobilization.
- d. Placed rescue 1111 on 24/7 standby.

**MDRRMC Peñablanca, Cagayan**

- a. Placed Rescue 24 on standby for any eventualities.
- b. Placed EOC on 24/7 standby to monitor flood prone areas.
- c. Provided assistance on the affected individuals of the not passable overflow bridges.

**MDRRMC Baggao, Cagayan**

- a. Coordinated with all BDRRMCs
- b. Monitored roads and bridges
- c. Prepositioned rescue equipment and paraphernalia.
- d. Conducted RDANA to all barangays on 13 October 2017.
- e. Conducted clearing operations due to landslide.

**MDRRMC Claveria, Cagayan**

- a. Disseminated weather bulletins to BDRRMCs.
- b. Conducted ocular inspection / assessment in all barangays.

**MDRRMC Sanchez Mira, Cagayan**

- a. Activated Emergency Operation Center on 12 October 2017, 8:00 AM.
- b. Monitored rainfall amount brought about by the weather system.
- c. Placed responders on standby for quick response on emergencies.

- d. Disseminated weather updates to MDRRMC members, BDRRMCs, rescuer and all accredited volunteer groups.

#### **MDRRMC Allacapan, Cagayan**

- a. Activated Emergency Operations Center.
- b. Placed responders on standby for quick response during emergencies.
- c. Disseminated weather updates to MDRRMC members, BDRRMCs, rescuer and all accredited volunteer groups.
- d. Provided transportation assistance to Barangays affected by flooding.

### **3. RDRRMC III**

#### **OCD III**

- a. Raised to BLUE Alert Status on 12 October 2017, 2:00 PM in preparation for the possible effects of STS "ODETTE".
- b. Coordinated with the P/M/CDRRMCs and member agencies re STS "ODETTE".

#### **PDRRMC Zambales**

- a. Conducted pre-emptive evacuation in North Central Elementary School which catered 10 families or 30 individuals from Brgy. Poblacion South.
- b. Monitored the situation and coordinated with the C/MDRRMCs.

#### **PDRRMC Bataan**

- a. Monitored flood- and landslide-prone areas.

### **4. RDRRMC MIMAROPA**

#### **OCD MIMAROPA**

- a. Coordinated with response agencies and LGUs concerned.
- b. Monitored weather situation in AOR.

#### **DSWD MIMAROPA**

- a. Activated all P/C/M Quick Response Teams in 5 provinces of MIMAROPA to regularly monitor the situations in its respective areas.
- b. Advised our P/MQRTs to coordinate with concerned LGUs to report any unusual eventualities in its respective areas
- c. Closed coordination with the OCD for any warning signal updates for monitoring purposes and response mechanism in areas that were affected.
- d. Placed on standby funds amounting to ₱2,090,608.54 and stockpile of 34,424 family food packs to all SWADT and Regional Warehouses including prepositioned goods in identified GIDA/critical areas.

#### **DOH MIMAROPA**

- a. Prepositioned water disinfectant and collapsible Jerry Cans in flood-prone areas of MIMAROPA and PDOHO.
- b. Advised Quad-Cluster Teams (Health, NIE, MHPSS, WASH) to be on standby for deployment and augmentation of services.
- c. Coordinated and monitored with all PDOHO and HEMS Point Persons for any untoward incident.
- d. Coordinated with DOH retained hospitals and other attached agencies including entry and exit points.

- e. Coordinated with other Regional agencies including, PCG, PPA, RDRRMC, OCD, LGUs, PNP station and other stakeholders.
- f. Advised nearby port health facilities to be on standby for possible health assistance in relation to the surge of passengers with medical assistance needed.
- g. Advised PDOHO to coordinate with PNP, P/M DRRMO and other response groups in relation to the preparedness and response activities in relation to the event/s being monitored.
- h. Advised PDOHO to conduct roving to all areas of concern potential risk for mass casualty incident and evacuation.
- i. Coordinated with all HHEMS Coordinators in the Provinces of MIMAROPA and advised to proactively coordinate with RO HERO OpCen and to submit daily situation updates.
- j. Coordinated with Philippine Air force 505 Search and Rescue for the utilization of Air Medical Services in the Provinces of MIMAROPA as contingency for Air Medevac.
- k. Inventory of available drugs and medicines in all PDOHOs were coordinated and preparation of standby drugs and medicines was coordinated with Logistics Management Unit.

#### **DPWH MIMAROPA**

- a. Maintenance crew of the DRRM Teams were alerted to monitor the condition of National Roads and Bridges and other infrastructures facilities.
- b. Placed equipment on standby status ready to mobilize as situation warrants.

#### **CGD Southern Tagalog**

- a. Advised all CG stations and substations to ensure strict implementation of Guidelines on the Movement of Vessels during heavy weather (HPCG Memo Circular 01-09) and in the absence of weather bulletin in the locality (HPCG Memo Circular 03-01).
- b. Placed Deployable Response Groups (DRGs) on standby status 24/7.
- c. Placed assets on standby status ready for deployment on flood-prone and coastal areas.
- d. All Coast Guards Stations and Sub-Stations monitored weather forecast.
- e. Monitored situation in its respective AORs and ensure the operational status of HF and VHF radio communications in support to the province operational concern in case of power blackout.

#### **CGD Palawan**

- a. Advised all CG station and substation to ensure strict implementation of Guidelines on the Movement of Vessels during heavy weather (HPCG Memo Circular 01-09) and in the absence of weather bulletin in the locality (HPCG Memo Circular 03-01).
- b. Prepared PCG boarding teams, SAR assets, and Deployable Response Group (CDRG) Teams, and monitored maritime traffic and weather condition for prompt, sustained and effective implementation of existing command policies, rules and regulations and doctrines.
- c. Placed assets and DRG on standby status ready for deployment on flood prone and coastal areas.



### **Police Regional Office**

- a. Ensured the availability of search and rescue assets and personnel.
- b. Alerted all Police Provincial Office down to its lower units and monitored situation in its respective AORs.
- c. Coordinated with PAGASA, PDRRMC and other agencies
- d. Directed lower units to undertake precautionary measures and other disaster preparedness activities such as the following.
  - Ensure readiness of the SRR equipment and supplies to support operational requirements (e.g. rubber boat, utility rope, floating device, multi-tool items, 30L of GOL for generator, flashlights with extra battery, communications equipment, first aid kit, and MRE)
  - Forward deployment and pre-positioning of Search and Rescue (SAR) assets
  - Coordinate with Local DRRMC
  - Activated Disaster Incident Management Task Groups (DIMTG) as the situation may require

### **BFP MIMAROPA**

- a. Coordinated with LGUs, NGOs, and other government agencies to support the operational activities.
- b. Coordinated with PNP, Barangay Officials, Tanods, and Citizen Crime Watch to provide security in the evacuation centers.
- c. Alerted all BFP personnel for any disaster related response.
- d. All trucks and response assets were readily available.

### **PDRRMC Occidental Mindoro**

- a. Alerted the members of the council and Provincial Quick Response Team for possible effects of STS Odette. Vehicles and Rescue trucks were on standby for possible rescue operations.

### **MDRRMC Sta. Cruz, Occidental Mindoro**

- a. Assisted the stranded commuters and vehicles along Pola Spillway, Brgy. Barahan, Sta Cruz, Occidental Mindoro.

### **MDRRMC Calatrava, Romblon**

- a. Conducted clearing operations in the affected national road to clear debris brought by the landslide in Calatrava, Romblon.

## **5. RDRRMC CAR**

- a. Placed on Blue Alert Status on 12 October 2017 and raised it to RED alert on 13 October 2017 10:00 AM.
- b. Required BFP-CAR, AFP 503<sup>rd</sup> BDE, PNP-PROCOR, DSWD-CAR to send Detailed Duty Officer to render duty at the Cordillera RDRRMC EOC to ensure the coordination and to assist in facilitating the submission of consolidated reports from member agencies.
- c. Issued RDRRMC Memorandum No. 27 on 12 October 2017 re: Preparedness Measures for Severe Tropical Storm "ODETTE" advising all concerned Local DRRM Councils to:
  - Conduct an Emergency Response Preparedness Meeting with core group members of the Provincial/Municipal/City/ DRRM Councils.

- Issue an advisory for public to refrain from doing outdoor activities (caving, spelunking, surfing, mountaineering, and other similar activities) and avoid going to landslide and flood prone areas.
- Revisit respective Contingency Plan for Hydro-met hazards for possible activation and implementation.

#### **OCD CAR**

- a. Alerted P/MDRRMOs regarding possible threats of STS “ODETTE” through the issuance of weather advisories and updates and alert status to all stakeholders through all means of communication.
- b. Coordinated with the PAGASA Baguio Synoptic Station and LDRRMCs regarding weather status, road conditions, reported incidents (flooding, landslides, vehicular accidents, etc.) and class suspension.
- c. Placed the single side band radios and Thuraya Emergency Communications Kit on standby.
- d. Issued preparedness tips to prevent any possible eventualities due to the enhanced southwest monsoon and local thunderstorms.

#### **DSWD CAR**

- a. Attended the Emergency Response Preparedness Meeting of the Cordillera RDRRMC on 12 October 2017.
- b. Monitored the situation through coordination with the P/M/CSWDOs and P/M/C/MDRRM Council.
- c. Placed 23,334 family food packs on standby in the Province of Apayao, Ifugao, Kalinga, and Mt. Province.
- d. Allocated ₱3,249,542.66 for the purchase of tents and sleeping kits.

#### **DILG CAR**

- a. Attended the Pre-Disaster Risk Assessment (PDRA) Meeting of the Cordillera RDRRMC on 12 October 2017.
- b. Alerted LGUs through a memorandum to ensure that preparedness measures are in place.

#### **DPWH CAR**

- a. Attended the Pre-Disaster Risk Assessment (PDRA) Meeting of the Cordillera RDRRMC on 12 October 2017.
- b. Prepositioned manpower and equipment and advised contractors to ensure the availability of equipment.

#### **PIA CAR**

- a. Coordinated with the OCD CAR in gathering information with regards to STS “ODETTE” for dissemination via public warnings thru SMS, Social Media, and Broadcast Media.

#### **PRO CAR**

- a. Attended the Pre-Disaster Risk Assessment (PDRA) Meeting of the Cordillera RDRRMC on 12 October 2017.
- b. Placed the equipment of the Regional Public Safety Battalion (RPSB) on standby for basic search and rescue.

#### **BFP CAR**

- a. Activated the Oplan Paghalasa “Paghahanda Laban sa Sakuna” on 13 October 2017.

- b. Alerted all personnel including provincial, city and municipal fire stations for possible deployment and augmentation, and placed mobility assets on standby.

**AFP 503<sup>rd</sup> Infantry Brigade/14 RCDG ARESKOM**

- a. Attended the cluster coordination meeting on 13 October 2017 at the Cordillera RDRRMC EOC.
- b. Detailed Duty Officers rendered duty at the Cordillera RDRRMC EOC.
- c. Advised all units to be on heightened alert for possible deployment augmentation, and placed mobility assets on standby.
- d. Raised the alert status to BLUE.
- e. Coordinated with the ground units and Local DRRMCs.

**Tactical Operations Group 1, PAF**

- a. Placed teams and mobility assets on standby for possible deployment and augmentation.

**PDRRMCs Apayao, Benguet, Ifugao, and Kalinga**

- a. Coordinated with OCD CAR, LGUs and its respective LDRRMCs for updates and situation within AOR.
- b. Disseminated weather updates and advisories to all concerned member-agencies and LDRRMCs.

**PDRRMC Apayao**

- a. Conducted pre-emptive evacuation for the families living along the creek areas in Sta. Marcela as a proactive measure. These families transferred to their relatives.
- b. Monitored water levels of river systems.
- c. Raised the alert status of the Apayao PDRRMC Emergency Operations Center to BLUE on 12 October 2017, 9:00 AM.

**MDRRMC Luna, Apayao**

- a. Provided food for the evacuees of Brgy. Bacsay (25 affected families).
- b. Ordered the suspension of classes from Elementary to High School levels on 12 October 2017, 3:00 PM.

**PDRRMC Benguet**

- a. The Protected Area Superintendent of Upper Agno River Basin Reserve (UARBR) issued Safety Advisory to all trekkers and transport service providers to cancel trips and trekking activities.
- b. Trekking and hiking activities in Mt. Purgatory were suspended. Tourism activities in Mt Pulag resumed on 15 October 2017.

**MDRRMC Mankayan, Benguet**

- a. Raised the alert status of the Municipal DRRMC Emergency Operations Center to BLUE on 13 October 2017, 08:00 AM.
- b. Suspended the conduct of the Sports District Meet in Mankayan scheduled on 13 October 2017.

**CDRRMC Baguio City**

- a. Raised alert status of Baguio City DRRMC Emergency Operations Center to BLUE on 12 October 2017, 8:00 AM.

**PDRRMC Ifugao**

- a. Convened PDRA meeting on 13 October 2017, 10:00 AM.
- b. Raised alert status of Ifugao PDRRMC Emergency Operations Center to BLUE on 12 October 2017, 10:00 AM.
- c. Issued advisory to all LDRRMCs to raise their alert status and suspend tourist activities.
- d. Instructed Ifugao Provincial Police Office to assist in the pre-emptive evacuation of residents living in high-risk areas.
- e. Issued PDRRMC directive to ensure ready and safe evacuation centers and for the public to postpone unnecessary trips on 12 October 2017, 2:00 PM to avoid or minimize any casualty. The travel advisory is effective until STS "ODETTE" leaves PAR.
- f. Prepositioned rescue ambulance and heavy equipment at the EOC.
- g. Alerted Emergency Rescue Volunteers to be on standby.

**MDRRMC Lamut, Ifugao**

- a. Raised the alert status of the Municipal DRRMC Emergency Operations Center to RED on 12 October 2017, 8:00 AM.

**PDRRMC Kalinga**

- a. Monitored water levels of river systems.
- b. Recommended Local Chief Executives to cancel mining and tourism activities.
- c. Raised the alert status of the Apayao PDRRMC Emergency Operations Center to BLUE on 12 October 2017, 8:00 AM.
- d. Conducted PDRA Meeting on 12 October 2017, 2:00 PM.

**MDRRMC Pasil, Kalinga**

- a. Issued a Memorandum No. 2017-40 activating Operation Center and pre-emptive evacuation of vulnerable families and suspension of mining activities.
- b. Conducted PDRA Meeting on 10:00 AM, October 12, 2017.
- c. Prepositioned Family Food Packs.
- d. Alerted PNP and BFP to monitor the status within its AOR.
- e. Instructed PNP to monitor landslide and flood-prone areas.

**MDRRMC Balbalan, Kalinga**

- a. Suspended the mining activities of small-scale mining industries.

**MDRRMC Pinukpuk, Kalinga**

- a. Personnel augmentation from BFP, PNP, and PA to render duty within its EOC.

**MDRRMC Rizal and CDRRMC Tabuk**

- a. Conducted PDRA Meeting on 12 October 2017.

**CDRRMC Tabuk City, Benguet**

- a. Raised the alert status of the Apayao PDRRMC Emergency Operations Center to BLUE on 12 October 2017, 10:00 AM.
- b. Prepositioned Rescue Equipment (Water Search & Rescue Team) and stockpiling of relief goods.

**PDRRMC Mt. Province**

- a. Raised the alert status of the Apayao PDRRMC Emergency Operations Center to BLUE on 12 October 2017, 10:00 AM.

**MDRRMC Sagada, Mt. Province**

- a. Suspended all tourism activities on 10:00 AM, 13 October 2017
  - b. Raised the alert status of the Municipal DRRMC Emergency Operations Center to BLUE on 12 October 2017, 03:00 PM.
  - c. Tourism activities in Sagada, Mt Province was resumed on 14 October 2017.
-