



## **NDRRMC UPDATE**

### **FINAL REPORT re Preparedness Measures and Effects of Tropical Depression "AURING" (07-10 January 2017)**

**Releasing Officer:**

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Administrator, OCD

Sources: DOST-PAGASA, DOH, AFP, DSWD, DILG, OCDROs MIMAROPA, NIR, VI, VII, VIII, IX, X, XI, CARAGA, and ARMM

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

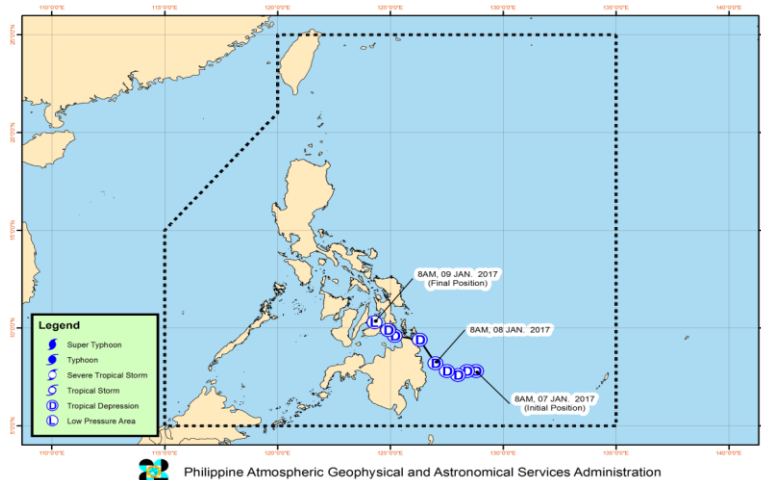
##### **A. Chronology and Tracking**

###### **07 January 2017**

The Low Pressure Area (LPA) east of Mindanao developed into a Tropical Depression (TD) and was named "AURING".

Tropical Cyclone Warning Signal (TCWS) No.1 was hoisted in Agusan del Sur, Agusan del Norte, Surigao del Sur, Surigao del Norte, and Dinagat Island Province.

Track of Tropical Depression "AURING"



###### **08 January 2017**

TCWS Signal No.1 was hoisted in Cuyo Island, Bohol, Siquijor, Negros Provinces, Southern Leyte, Cebu, Guimaras, Southern part of Iloilo, Southern part of Antique, Agusan del Norte, Surigao del Sur, Surigao del Norte including Siargao Island, Dinagat Province, Misamis Oriental, and Camiguin.

###### **09 January 2017**

"AURING" weakened into a Low Pressure Area in the morning of 09 January 2017.

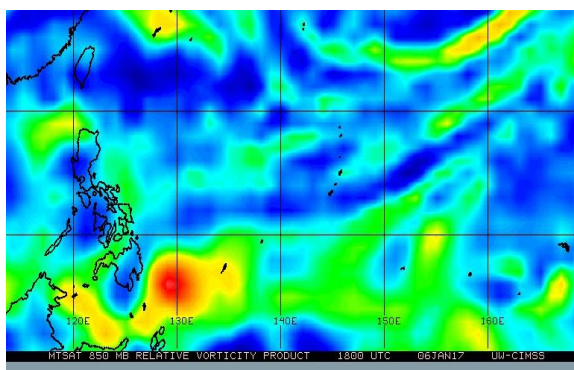
TCWS were lifted. The LPA brought moderate to occasionally heavy rains over Bicol Region and Samar Provinces. Light to moderate rains and isolated

thunderstorms were experienced over CALABARZON, and over the provinces of Mindoro, Marinduque, and Visayas.

**“AURING” made four (4) landfalls:**

- 1<sup>st</sup> landfall in Siargao, Surigao Del Norte on 08 January 2017, 3:00 PM
- 2<sup>nd</sup> landfall in Dinagat Province on 08 January 2017, 4:00 PM
- 3<sup>rd</sup> landfall in Panaon Island, Southern tip of Leyte on 08 January 2017, 6:00 PM
- 4<sup>th</sup> landfall in Ubay, Bohol on 09 January 2017, 4:45 AM

**B. Tropical Cyclone Analysis**



"AURING" developed inside the Philippine Area of Responsibility (PAR), East of Mindanao in the morning of 07 January 2017. "AURING" has moved Northwest and made landfall over Surigao Del Norte in the afternoon of 08 January 2017; it slightly weakened then traversed the Mindanao and Bohol Sea before it became a Low Pressure Area in the vicinity of Mactan, Cebu in the morning of 09 January 2017. It enhanced the Northeast

Monsoon which affected Mindanao, Bicol Region, Central and Eastern Visayas. Moderate to occasionally heavy rains and thunderstorms were observed over Mindanao, Bicol Region, and Central and Eastern Visayas.

During the stay of TD "AURING", the estimated highest maximum sustained winds was 55 kph near the center and gustiness of up to 70 kph with a central pressure of 1000 hPa. There were three (3) Weather Advisories, nine (9) International Warnings for Shipping, and fifteen (15) Severe Weather Bulletins issued. Further, TCWS No. 01 was the highest warning signal issued for this event. "AURING" was the 1st TC that made landfall/crossed the country. "AURING" stay inside the PAR was normal in terms of track and rainfall distribution in the country.

**II. EFFECTS**

**1. Pre-emptive Evacuation (TAB A)**

A total of **7,808 families / 35,038 persons** were pre-emptively evacuated in Regions VII, VIII, XI, and CARAGA.

**2. Affected Population (TAB B)**

- a. A total of **10,052 families / 43,071** persons were affected in 173 barangays in Region VII and CARAGA. While a total of **10,052 families or 43,071 persons** displaced in Regions VII and CARAGA.

REGION	NUMBER OF AFFECTED			NUMBER OF EVACUATION CENTERS (ECs)	NUMBER OF SERVED				TOTAL SERVED	
	Barangays	Families	Persons		INSIDE ECs		OUTSIDE ECs		Families	Persons
					Families	Persons	Families	Persons		
	173	10,052	43,071	238	9,558	40,990	494	2,081	10,052	43,071
VII	1	21	68	1	21	68	-	-	21	68
CARAGA	172	10,031	43,003	237	9,537	40,922	494	2,081	10,031	43,003

Source: DSWD DROMIC Terminal Report on Tropical Depression "AURING" on 25 February 2017, 9:00 AM

**3. Status of Ports (TAB C)**

**Seaports**

TD "AURING" affected several ports over Visayas and Mindanao and the number of strandeers peaked at **9,026** passengers, **428** rolling

**cargoes, 146 vessels, and 60 motorbancas** in the ports of Central Visayas, Western Visayas, Eastern Visayas, and Northern Mindanao.

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

Classes were suspended in various areas in Regions VII, VIII, X, NIR, and CARAGA on 06 and 09 January 2017 due to TD "AURING".

#### 5. Flooded Areas

A total of seven (7) barangays in the Municipalities of Bunawan, Santiago, Remedios T. Romualdez, and Jabonga, all from Agusan del Sur were reported flooded due to TD "AURING".

#### 6. Status of Lifelines

##### a. Roads and Bridges

A total of **18 roads and six (6) bridges** were reported impassable due to landslides and flooding in CARAGA Region.

Location	Bridge/Road/Other	Remarks/ Causes
Agusan del Sur	NRJ Bahbah-Talacogon Road Lucena Section K1302+950-K1303+085 K1303+085-K1303+241	Impassable due to flooding Passable as of 10 January 2017, 7:00 AM.
	NRJ Cuevas Bislig Road K1373+950-K1374+180 K1390+250-K1390+278	Passable as of 8 January 2017, 2:00 PM
	Butuan City-Talacogon-Loreto-Veruela-Sta. Josefa Road a. Osmeña Section (K1355+500-K1355+700) b. Sto. Tomas Section (K1384+650-K1384+820) c. Mambaos Section (K1395+200-K1395+600, K1397+030-K1397+120, K1397+140-K1397+400, K1399+380-K1399+750) d. Sagunto Section (K1365+367-K1369+698)	(a-c) Passable to light vehicles only as of 9 January 2017, 2:20 PM  (d) Hardly passable to all types of vehicles due to damaged road  (a-d) Passable to all types of vehicle as of 10 January 2017, 5:00 PM
	Asuncion-San Isidro-Laak-Veruela Road a. K1540-000-K1552+000 b. K1541+000-K1541+880 c. K1542+080-K1542+120 d. K1542+850-K1343+050 e. K1543+000-K1543+300	Hardly passable as of 08 January 2017  Passable to all types of vehicles
Dinagat Island	Dinagat-Loreto Road a. K0075+850-K0075+950 b. K0059+100-K0059+200 c. K0064+500-K0064+550 d. K0064+900-K0064+950 e. K0067+500-K0067+520	Not passable due to landslide as of 9 January 2017, 2:20 PM  Passable to all types of vehicle.
Surigao del Sur	Syphoon Bridge Brgy. Saiwang, San Miguel	Not passable as of 08 January 2017 Passable to all types of vehicles
	Mahayag Bridge Brgy. Mahayag, San Miguel	Not passable as of 08 January 2017 Passable for all type of vehicle

	Lambunao Bridge Zone III, San Miguel	Not passable as of 08 January 2017  2 Span Washedout
	Kaitan 1 and 2 Awas (Bridge), Brgy. Esperanza, Carmen	Not Passable
	Brgy. Abuli (Bridge), San Vicente, Carmen	Not Passable
	Kapnitan and Purok 1 (Bridge), Brgy. Antao, Carmen	Not Passable

Sources: OCD-CARAGA, DPWH

## b. Power

A total of **four (4) transmission lines and facilities** in Regions X and CARAGA were affected by TD "AURING":

Region	Area	Affected Customers	Date/Time of Outage	Date/Time of Restoration
X	Puerto-Damlag 34.5k V	BUSECO	08 January 2017, 6:10 PM	09 January 2017, 11:07 AM
CARAGA	Butuan-Placer 138k V Line 1	SIARELCO, SURNECO, SURSECO	08 January 2017, 9:47 PM	Restored
	Placer-Madrid 69k V Line	SIARELCO, SURNECO, SURSECO 2	08 January 2017, 9:47 PM	Restored
	Placer-Surigao 69k V STL	SURNECO	08 January 2017, 9:47 PM	Restored

## 7. Damaged Houses

- a. Two (2) houses were reported damaged in CARAGA. One (1) house was totally damaged in Cortes, Surigao del Sur and another was partially damaged in the City of Cabadbaran, Agusan del Norte.

Source: DSWD DROMIC Terminal Report on Tropical Depression "AURING" on 25 February 2017, 9:00 AM

## 8. Cost of Damage (TAB E)

An estimated ₱267,663,961.00 worth of damages to infrastructure and agriculture were reported in CARAGA Region.

PROVINCE	INFRASTRUCTURE	AGRICULTURE	TOTAL COST (Infrastructure + Agriculture)
Agusan del Sur	68,000,000.00	141,081,774.00	209,081,774.00
Agusan del Norte	-	23,637,103.00	23,637,103.00
Surigao del Sur	4,940,000.00	16,365,832.00	21,305,832.00
Surigao del Norte	-	12,745,687.00	12,745,687.00
Dinagat Islands	405,000.00	488,565.00	893,565.00
<b>TOTAL</b>	<b>73,345,000.00</b>	<b>194,318,961.00</b>	<b>267,663,961.00</b>

### III. DISASTER PREPAREDNESS (TAB F)

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

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

- a. On 07 January 2017, NDRRMOC Memorandum was issued on the Activation and Raising of Alert Status to Blue/Red Alert in connection with “AURING” in RDRRMOCs MIMAROPA, NIR, VI, VII, VIII, X, XI, XII, CARAGA, and ARMM.
- b. Alert Status at the NDRRM Operations Center was raised to BLUE Alert effective 07 January 2017, 5:00 PM, to continuously monitor and ensure widest dissemination of Weather Advisories, 24-hour Public Weather Forecasts, Gale Warnings, General Flood Advisories and Severe Weather Bulletins to all RDRRMOCs/OCDCs through SMS, facsimile, and social media websites for further dissemination to its respective Local Disaster Risk Reduction and Management Councils (LDRRMOCs).
- c. Conducted Pre-Disaster Risk Assessment (PDRA) Core Group Meeting for “AURING” on 07 January 2017 at the NDRRM Operations Center, Camp General Emilio Aguinaldo, Quezon City, joined by OCD/RDRRMOCs MIMAROPA, VI, VII, VIII, XI, XII, CARAGA through Skype video conferencing.
- d. Disseminated the result of PDRA meeting to all RDRRMOCs concerned through email.
- e. Disseminated Emergency Alert and Warning Messages (EAWM) thru Telecommunication Companies and other Partners to areas likely to be affected by “AURING”.

### IV. DISASTER RESPONSE

- On 08 January 2017, 10:00 AM, the National Response Cluster was activated and subsequently convened to discuss preparedness actions and harmonize current response efforts.
- On 08 January 2017, two (2) planning meeting for “AURING” were conducted at MMDA Workers Inn, Port Area, Manila, Metro Manila.

#### A. Cost of Assistance (TAB G)

A total of **₱3,512,643.30** worth of assistance from DSWD (**₱1,168,167.00**), DOH (**₱270,834.30**), and LGUs (**₱2,073,642.00**) were extended to the affected provinces of Cebu, Agusan del Norte, Surigao del Norte, Surigao del Sur, and Dinagat Island.

#### B. Food and Non-Food Items Cluster

##### 1. AFP

CENTCOM distributed relief goods to the evacuees in Brgys. Tina and Patong, San Miguel, Surigao del Sur, CARAGA.

##### 2. BFP

- a. Butuan City Fire Station delivered/rationed water at Butuan Central Elementary School, Butuan City, Agusan Del Norte.

- b. Kitacharao Station personnel assisted in the distribution of relief goods in Brgy. Songkoy, Kitcharao, Agusan del Norte.

### 3. P/CDRRMCs

- a. City Health Office facilitated the provision of water stations at Agusan National High School and Butuan Elementary School.
- b. Rotary Club of Butuan-Central Butuan provided food and non-food items to families in identified evacuation centers.

## C. Search and Rescue Cluster

### PNP

PRO CARAGA deployed Search and Rescue personnel to the following areas:

Area	No. of Personnel
Agusan del Norte	77
Agusan del Sur	256
Surigao del Norte	257
Surigao del Sur	159
BCPO	148
RPSB	114

## D. Education Cluster

### P/CDRRMCs

- a. Butuan City suspended classes in all levels through Mayor's Proclamation No. 1 s. of 2017.
- b. DepEd Agusan del Norte issued advisory for the suspension of classes from 06 January until 09 January 2017.

## E. Camp Coordination and Camp Management Cluster

### PNP

Regional Public Safety Battalion 13 (RPSB) and its companies conducted evacuation operations in Butuan City.

## F. Clearing Operations

### MDRRMC

MDRRMC Hinatuan conducted clearing operations of roads caused by toppled coconut tree.

**PREPAREDNESS MEASURES AND EFFECTS OF TD "AURING"**  
**PRE-EMPTIVE EVACUATION**  
**07-10 January 2017**

PROVINCE / MUNICIPALITY / CITY	BARANGAY	POPULATION		REMARKS
		Families	Persons	
<b>GRAND TOTAL</b>		<b><u>7,808</u></b>	<b><u>35,038</u></b>	
<b>REGION VII</b>		<b>91</b>	<b>455</b>	
<b>Bohol</b>		<b>91</b>	<b>455</b>	
Calape		14	70	Designated relocation area, private residences
Ubay		77	385	Barangay Halls of Brgys. Cuya. Tintinan and Casate; Guintabonan Elementary School, Tres Reyes Elementary School
<b>REGION VIII</b>		<b>31</b>	<b>155</b>	
<b>Southern Leyte</b>		<b>16</b>	<b>80</b>	
Anahawan		16	80	SAHS Evacuation Center; Mahalo Brgy Hall; Private Residence
San Francisco		No Data		Neighboring houses
<b>Leyte</b>		<b>15</b>	<b>75</b>	
Matalom		15	75	
<b>REGION X</b>		<b>15</b>	<b>75</b>	
<b>Misamis Oriental</b>		<b>15</b>	<b>75</b>	
Talisayan		15	75	Tagbocboc ES
<b>REGION XI</b>		<b>117</b>	<b>585</b>	
<b>Compostela Valley</b>		<b>113</b>	<b>565</b>	
Monkayo	Purol Waling-waling, Banlag	3	15	
Montevista	Purok 11, San Jose	1	5	Montevista Central Elem. School
Nabunturan	Magsaysay	38	190	Magsaysay Elem. School
	Basak	38	190	San Juan Elem. School
New Bataan	Cogonon	1	5	Cogonon Elem. School
	Cabinuangan	30	150	NHA Housing, San Roque
	Andap	2	10	
<b>Davao</b>		<b>4</b>	<b>20</b>	
Davao City	Awhag Subd. Brgy. 19-B	4	20	
<b>CARAGA</b>		<b>7,554</b>	<b>33,768</b>	
<b>Agusan del Norte</b>		<b>2,005</b>	<b>9,817</b>	
Butuan City		1,508	7,540	Agusan Sur NHS, Covered Courts of Brgys. Bobon and Pangubagan, Trinidad ES, Sibayan ES
Jabonga	Poblacion	64	387	Municipal Covered Court, Jabonga ES
	Bunga	20	190	Jabonga ES
Kitcharao	Mahayahay	20	100	Mahayahay Covered Court
	Crossing	25	100	Kitcharao Nat'l. HS, Day Care Center
	San Roque	20	100	San Roque ES
Magallanes	Sto. Nino	69	345	Sto. Nino ES
Nasipit	Culit	8	38	Culit Evacuation Center

PROVINCE / MUNICIPALITY / CITY	BARANGAY	POPULATION		REMARKS
		Families	Persons	
R.T. Romualdez	Panaytayon	148	459	Municipal Gymnasium
	Poblacion	4	23	
Tubay	Poblacion 1	118	530	Tubay Central School and Brgy Hall
	Poblacion 2	1	5	Barangay Hall
<b>Dinagat Island</b>		<b>464</b>	<b>1,833</b>	
Basilisa	Benglen	56	208	Bengen Chapter, Benglen Barangay Hall, Private Residence
	Catadman	59	242	Catadman Elem School
Cagdianao	Poblacion	110	399	Brgy Hall, Schools Multipurpose Halls
Dinagat	Poblacion	33	150	Schools and Gymnasium
Libjo	Dona Helen	60	300	Kahaya Elem School
	Rosita	41	128	Rosita Elem School
	Magsaysay	5	18	Mega Gymnasium
	Garcia	5	32	Mega Gymnasium
	Osmena	19	95	Osmena DCC, Health Center and School Bldg
San Jose	Justiniana	18	49	Justiniana Multipurpose Hall
Tubajon	Diaz	53	194	Relocation Site 1 and 2
	Malinao	5	18	Malinao Multipurpose Hall
<b>Surigao del Sur</b>		<b>3,062</b>	<b>14,364</b>	
Agao		8	40	Butuan Central School
Agusan Pequeno		80	400	Agusan Pequeno ES
Baan Km 3		278	1,390	Sibyan ES
Baan Riverside		299	1,495	Sibayan ES
Bobon		330	1,650	Brgy. Bobon Covered Court;Trinidad ES
Buhangin		342	1,710	Agusan Sur NHS, Butuan Central ES
Cagwait	Aras-asan	65	319	Aras-asan Gymnasium
Fort Poyohon		5	25	Poyohon Covered Court; Fort Poyohon Health Center
Golden Ribbon		21	105	Butuan Central School
Hinatuan	Aquino	10	22	Aquino DCC
	Sto. Nino	32	124	Hinatuan Comprehensive High School
Lanuza	Gamutan	40	200	Gamutan Day Care Center
Mahogany		16	80	Butuan Central School
Maon		10	50	Maon Senior Citizen Bldg
Obrero		64	320	Obrero ES
Pangubagan		55	275	Brgy. Pangubagan Covered Courth
San Miguel	Poblacion	33	131	Brgy. Hall
	Tina	21	99	Tina Elementary School
	Baras	69	275	Brgy. Hall
	Patong	49	176	Brgy. Hall
Tagbina	Manambia	5	29	Manambia Evacuation Center
Tago	Layog	200	890	Layog Barangay Hall
Tandag City	Mabua	69	293	Jacinto P. Elpa National High School
	Bongtud	622	2,710	
	Bag-ong Lungsod	82	415	



PROVINCE / MUNICIPALITY / CITY	BARANGAY	POPULATION		REMARKS
		Families	Persons	
Tandag City	Telaje	25	53	Jacinto P. Elpa National High School
	San Agustin Sur	154	747	
	Rosario	5	12	
	Dagocdoc	73	329	
<b>Surigao del Norte</b>		<b>2,023</b>	<b>7,754</b>	
Alegria	Poblacion	1	6	Poblacion NHS
	Alipao	23	100	Alipao Brgy Hall and Health Center
	San Isidro	28	11	Barangay Hall
Bacuag	Poblacion	27	122	Municipal Hall
	Payapag	12	33	Payapag Brgy. Hall
	Sto. Rosario	14	61	Catholic Chapel, Brgy Nutrition Scholar Office, Sto. Rosario Brgy Hall
	Camboayon	250	730	School Building
Burgos	Matin-ao	60	207	Matin-ao Elem School
	Baybay	16	73	Baybay Elem School
	Poblacion 2	40	195	Women's Training Center
	Poblacion 1	46	220	Poblacion Evac Center & Municipal Gym
	Bitaug	8	36	Bitaug Elem School
Claver	Magallanes	90	450	School Building, Barangay Hall
	Panatao	190	332	Panatao Health Center
	Tayaga	85	378	Claver Central Elem School
	Sapa	45	110	Sapa Elem School
Dapa		5	25	Private Residence
Del Carmen	Bitoon	27	53	Health Center and School Bldg
	Antipolo	25	42	Health Center and Day Care Center
Gigaquit	Villaflor	46	209	Villaflor Barangay Hall
	Anibongan	34	148	Anibongan Evacuation Center
	Ipil	26	101	Gigaquit Pastoral Center
Mainit	Mansayao	5	18	Mansayao Elem School and Mansayao Evac Center
	Quezon	127	537	School Building
	Tapian	14	68	School Building
Malimono	Tinago	10	38	Municipal Gymnasium
	Poblacion	20	80	Municipal Gymnasium
	Masgad	1	6	Brgy. Hall
	Cansayong	32	150	Brgy. Hall
	Cagtinae	1	3	Brgy. Hall
Pilar		73	365	DRR Municipal Evacuation and Operations Center
San Isidro	Sta. Paz	50	200	Sta. Paz Elem School & Brgy Hall
	Del Carmen	16	79	Women's Center, Municipal and Brgy Hall
	Pelaez	32	160	Pelaez Elem School
	Buhing Kalipay	18	63	
	Pacifico	20	80	San Isidro Cenral Elem School
Sison	San Pablo	29	114	San Pablo ES
	San Pedro	6	24	Municipal Women's
Surigao City	Trinidad	2	7	Trinidad Catholic Church
	Orok	5	25	Orok Day Care Center

PROVINCE / MUNICIPALITY / CITY	BARANGAY	POPULATION		REMARKS
		Families	Persons	
Surigao City	Canlanipa	119	628	Brgy. Gymnasium
	Quezon	9	19	Quezon Gymnasium
	San Pedro	60	300	School Building
	Cabongbongan	20	100	Gymnasium
	San Jose	11	50	Church
	Luna	14	76	Church
Tubod	Cawilan	70	304	Tubod Municipal Gym
	Del Rosario	4	18	Catholic Church
	Marga	22	84	
	LGU Tubod	114	449	Municipal Gymnasium
	Motorpool	9	12	
	Timamana	11	48	
	Poblacion	1	7	

Sources: DSWD DROMIC Preparedness for Response Report, RDRRMC/OCD SitRep, and DILG Report

**PREPAREDNESS MEASURES AND EFFECTS OF TD "AURING"**  
**AFFECTED POPULATION**  
 07-10 January 2017

Region/Province/ Municipality/City	AFFECTED			No. of Evac Centers	Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED (Inside + Outside)	
	Brgys	Families	Persons		Families	Persons	Families	Persons	Families	Persons
<b>GRAND TOTAL</b>	<b>173</b>	<b>10,052</b>	<b>43,071</b>	<b>238</b>	<b>9,558</b>	<b>40,990</b>	<b>494</b>	<b>2,081</b>	<b>10,052</b>	<b>43,071</b>
<b>REGION VII (CENTRAL VISAYAS)</b>	<b>1</b>	<b>21</b>	<b>68</b>	<b>1</b>	<b>21</b>	<b>68</b>	<b>0</b>	<b>0</b>	<b>21</b>	<b>68</b>
CEBU	1	21	68	1	21	68	0	0	21	68
TOLEDO	1	21	68	1	21	68	0	0	21	68
<b>REGION XIII (CARAGA)</b>	<b>172</b>	<b>10,031</b>	<b>43,003</b>	<b>237</b>	<b>9,537</b>	<b>40,922</b>	<b>494</b>	<b>2,081</b>	<b>10,031</b>	<b>43,003</b>
<b>AGUSAN DEL NORTE</b>	<b>42</b>	<b>3,367</b>	<b>14,324</b>	<b>50</b>	<b>3,264</b>	<b>13,894</b>	<b>103</b>	<b>430</b>	<b>3,367</b>	<b>14,324</b>
BUTUAN CITY	13	1,262	5,471	11	1,262	5,471	0	0	1,262	5,471
CABADBARAN	6	890	3,971	7	787	3,541	103	430	890	3,971
JABONGA	8	439	1,883	11	439	1,883	0	0	439	1,883
KITCHARAO	3	65	300	4	65	300	0	0	65	300
MAGALLANES	3	219	674	4	219	674	0	0	219	674
NASIPIT	1	12	51	1	12	51	0	0	12	51
REMEDIOS T. ROMUALDEZ	4	180	675	4	180	675	0	0	180	675
TUBAY	4	300	1,299	8	300	1,299	0	0	300	1,299
<b>AGUSAN DEL SUR</b>	<b>4</b>	<b>69</b>	<b>345</b>	<b>4</b>	<b>69</b>	<b>345</b>	<b>0</b>	<b>0</b>	<b>69</b>	<b>345</b>
SAN LUIS	4	69	345	4	69	345	0	0	69	345
<b>DINAGAT ISLANDS</b>	<b>33</b>	<b>1,622</b>	<b>7,344</b>	<b>78</b>	<b>1,616</b>	<b>7,322</b>	<b>6</b>	<b>22</b>	<b>1,622</b>	<b>7,344</b>
BASILISA (RIZAL)	15	993	4,764	32	993	4,764	0	0	993	4,764
CAGDIANAO	5	218	865	15	215	856	3	9	218	865
DINAGAT	1	33	150	5	33	150	0	0	33	150
LIBJO (ALBOR)	5	130	573	6	130	573	0	0	130	573
LORETO	2	131	582	13	131	582	0	0	131	582
SAN JOSE	2	43	128	2	43	128	0	0	43	128
TUBAJON	3	74	282	5	71	269	3	13	74	282
<b>SURIGAO DEL NORTE</b>	<b>69</b>	<b>2,712</b>	<b>11,393</b>	<b>86</b>	<b>2,655</b>	<b>11,133</b>	<b>57</b>	<b>260</b>	<b>2,712</b>	<b>11,393</b>
ALEGRIA	4	81	277	5	81	277	0	0	81	277
BACUAG	4	75	296	6	75	296	0	0	75	296
BURGOS	6	373	1,682	10	341	1,522	32	160	373	1,682
CLAVER	9	478	1,772	12	478	1,772	0	0	478	1,772
DAPA	1	150	750	1	150	750	0	0	150	750
DEL CARMEN	7	113	400	9	113	400	0	0	113	400
GENERAL LUNA	1	21	63	1	21	63	0	0	21	63
GIGAQUIT	4	107	465	4	107	465	0	0	107	465
MAINIT	3	190	832	4	190	832	0	0	190	832
MALIMONO	3	141	825	3	141	825	0	0	141	825
PILAR	8	219	789	3	219	789	0	0	219	789
PLACER	1	97	496	2	97	496	0	0	97	496
SAN ISIDRO	5	174	780	9	169	755	5	25	174	780
SANTA MONICA (SAPAO)	4	87	301	6	87	301	0	0	87	301
SOCORRO	3	82	412	4	82	412	0	0	82	412
SURIGAO CITY	4	244	912	5	243	907	1	5	244	912
TUBOD	2	80	341	2	61	271	19	70	80	341
<b>SURIGAO DEL SUR</b>	<b>24</b>	<b>2,261</b>	<b>9,597</b>	<b>19</b>	<b>1,933</b>	<b>8,228</b>	<b>328</b>	<b>1,369</b>	<b>2,261</b>	<b>9,597</b>
CAGWAIT	1	65	319	1	65	319	0	0	65	319
CARMEN	6	303	1,289	6	303	1,289	0	0	303	1,289
CORTES	1	65	254	2	65	254	0	0	65	254
HINATUAN	2	42	146	2	42	146	0	0	42	146
LANUZA	1	40	150	1	4	11	36	139	40	150
SAN MIGUEL	4	172	681	4	172	681	0	0	172	681
TAGBINA	1	5	29	1	5	29	0	0	5	29
TAGO	1	492	2,120	1	200	890	292	1,230	492	2,120
TANDAG	7	1,077	4,609	1	1,077	4,609	0	0	1,077	4,609

Source: DSWD DROMIC Terminal Report on Tropical Depression "AURING" on 25 February 2017, 9:00 AM

AFFECTED AREAS	
REGIONS	2
PROVINCES	6
CITIES	3
MUNICIPALITIES	40
BARANGAYS	173

**Preparedness Measures and Effects of TD "AURING"**  
**STATUS OF SEAPORT**  
**07-10 January 2017**

Coast Guard District (CGD) / Port	CG Stations	Name of Ports	Stranded			
			Passengers	Rolling Cargoes	Vessels	MBCAs
CGD Central Visayas (CGDCV)	CGS Cebu	Tinago	1,823	2	11	-
		Aduana	51	26	17	3
		Mandaue	-	-	4	-
		Danao	-	-	1	-
		Hagnaya	50	5	7	-
		Camotes	-	-	1	3
		Tabuelan	26	7	4	-
		Tangil	28	2	3	-
		Bato	232	-	5	11
	CGS Tagbilaran	Argao	16	9	1	-
		Tagbilaran Port	537	-	4	-
		Tubigon	-	-	4	-
		Jagna	-	-	3	-
		Talibon	-	-	3	-
	CGS Dumaguete	Ubay	-	-	-	5
		Dumaguete Port	345	3	-	-
Tandayag		45	5	1	-	
		Larena	524	1	1	-
		<b>Sub-total</b>	<b>3,677</b>	<b>60</b>	<b>70</b>	<b>22</b>
CGD Western Visayas (CGDWV)	CGS Iloilo	Lapuz Wharf	260	-	3	2
		Arrastre Pier	690	-	-	1
		Dumangas	175	1	-	3
	CGS Bacolod	Banago Port	-	2	-	1
		Bredco	89	51	5	-
		Cadiz	-	-	-	6
CGD Western Visayas (CGDWV)	CGS Bacolod	San Carlos	30	7	6	5
		Escalante	23	45	-	5
			<b>Sub-total</b>	<b>1,267</b>	<b>106</b>	<b>14</b>
CGD Eastern Visayas (CGDEV)	CGS Ormoc	Port of Ormoc	62	-	2	-
	CGS Maasin	Bato	107	12	-	-
		Liloan	400	85	3	-
		San Recardo	700	57	-	-
			<b>Sub-total</b>	<b>1,269</b>	<b>154</b>	<b>5</b>
CGD Northern Mindanao (CGDNM)	CGS Cagayan de Oro	Macabalan	459	-	23	-
		Camiguin	42	-	6	-
		Tagoloan	58	-	3	-
	CGS Surigao	Surigao	70	-	5	-
		Lipata	1480	83	3	-
		Del Carmen	-	6	2	2
		San Jose	-	-	-	2
		Hayanggabon	12	-	-	-
	CGS Ilagan	Iligan	-	-	2	-
		Lugait	-	-	1	-
	CGS Ozamis	Ozamis Port	-	-	2	-
		Jimenez	-	-	2	-
		Oroquita	-	-	-	6
		Plaridel	66	-	-	5
	CGS Dapitan	Pulauan Port	213	19	-	-
		Dipolog	-	-	1	-
		Roxas	-	-	3	-
Sindangan		-	-	1	-	
CGS Butuan	Nasipit	413	-	3	-	
		<b>Sub-total</b>	<b>2,813</b>	<b>108</b>	<b>57</b>	<b>15</b>
<b>TOTAL</b>			<b>9,026</b>	<b>428</b>	<b>146</b>	<b>60</b>

Source: PCG Situational Report

**PREPAREDNESS MEASURES AND EFFECTS OF TD "AURING"  
SUSPENSION OF CLASSES  
07-10 January 2017**

PROVINCE/MUNICIPALITY/CITY	LEVEL	DATE	
		Cancellation	Resumption
<b>REGION VII</b>			
Province of Cebu	Primary and Secondary	09 January 2017	Classes resumed
Lapu Lapu City	Primary and Secondary	09 January 2017	Classes resumed
Mandaue City	Pre-school	09 January 2017	Classes resumed
Province of Bohol	Pre-school to High School (private and public)	09 January 2017	Classes resumed
Province of Siquijor	Pre-school	09 January 2017	Classes resumed
<b>REGION VIII</b>			
Tacloban City, Leyte	Elementary and Secondary	09 January 2017	Classes resumed
Tanauan, Leyte	Elementary and Secondary	09 January 2017	Classes resumed
Maasin City, Southern Leyte	Elementary and Secondary	09 January 2017	Classes resumed
<b>REGION X</b>			
Kauswagan, Lanao del Norte	All Levels	09 January 2017	Classes resumed
<b>CARAGA</b>			
Agusan del Norte	Pre-school and Elementary	06 January 2017	Classes resumed
Cabadbaran City	Pre-school and Elementary	09 January 2017	
Butuan City	All Levels	09 January 2017	10 January 2017
Bayugan City, Surigao del Sur	All Levels	09 January 2017	10 January 2017
Tandag City, Surigao del Sur	All Levels	09 January 2017	Classes resumed
Cagwait, Surigao del Sur	All Levels	09 January 2017	Classes resumed
Carmen, Surigao del Sur	All Levels	09 January 2017	Classes resumed
Bayabas, Surigao del Sur	All Levels	09 January 2017	10 January 2017
Cantilan, Surigao del Sur	All Levels	09 January 2017	Classes resumed
Carrascal, Surigao del Sur	All Levels	09 January 2017	Classes resumed
Liangá, Surigao del Sur	All Levels	09 January 2017	Classes resumed
Madrid, Surigao del Sur	All Levels	09 January 2017	Classes resumed
Province of Agusan del Norte	All Levels	09 January 2017	Classes resumed
<b>NIR</b>			
Ponvedra, Negros Occidental	All Levels	09 January 2017	Classes resumed
Bacolod City, Negros Occidental	Pre-school and Elementary	09 January 2017	Classes resumed
Moises Padilla, Negros Occidental	All Levels	09 January 2017	Classes resumed

Sources: OCDROs VII, VIII, X, CARAGA, NIR, and DILG

**PREPAREDNESS MEASURES AND EFFECTS OF TD "AURING"**  
**COST OF DAMAGE**  
07-10 January 2017

Region/Province/ City/Municipality	INFRASTRUCTURE		AGRICULTURE							TOTAL COST (Infrastructure + Agriculture)
	ROADS/BRIDGES/ OTHER STRUCTURES		CROPS		LIVESTOCKS	IRRIGATION	HVCC (Mango, Banana, Papaya, Vegetables)	FISHERIES		
			Type of Crops / Livestocks	Estimated Peso Value	Estimated Peso Value	Estimated Peso Value		Type of Project/ Species	Estimated Peso Value	
<b>GRAND TOTAL</b>	<b>73,345,000.00</b>		<b>194,318,961.00</b>							<b>₱ 267,663,961.00</b>
<b>SUB-TOTAL</b>	<b>73,345,000.00</b>		<b>58,318,731.00</b>	<b>324,010.00</b>	<b>133,710,720.00</b>	<b>1,825,500.00</b>	<b>140,000.00</b>			
<b>CARAGA Region</b>	<b>73,345,000.00</b>		<b>58,318,731.00</b>	<b>324,010.00</b>	<b>133,710,720.00</b>	<b>1,825,500.00</b>	<b>140,000.00</b>		<b>267,663,961.00</b>	
Agusan del Sur	Road	68,000,000.00	Rice	6,506,274.00	-	133,650,000.00	Vegetables	925,500.00	-	209,081,774.00
Agusan del Norte	-	-	Rice	22,141,893.00	122,710.00	-	-	-	-	23,637,103.00
			Corn	480,000.00						
			Others	892,500.00						
Surigao del Sur	Road	3,015,000.00	Rice	16,104,532.00	201,300.00	60,000.00	-	-	-	21,305,832.00
	Bridge	1,925,000.00								
Surigao del Norte	-	-	Rice	11,604,967.00	-	720.00	Vegetables	900,000.00	140,000.00	12,745,687.00
			Rootcrops	100,000.00						
Dinagat Islands	Road	350,000.00	Rice	488,565.00	-	-	-	-	-	893,565.00
	Bridge	55,000.00								

Sources: OCD CARAGA

**PREPAREDNESS MEASURES AND EFFECTS OF TD “AURING”  
DISASTER PREPAREDNESS  
07-10 January 2017**

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

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

- a. Issued a NDRRMOC Memorandum on the Activation and Raising of Alert Status to Blue/Red Alert ICOW “AURING” in RDRRMOCs MIMAROPA, NIR, VI, VII, VIII, X, XI, XII, CARAGA, and ARMM dated 07 January 2017.
- b. The Alert Status at the NDRRM Operations Center was raised to Blue Alert effective 5:00 PM, 07 January 2017 to monitor and ensure widest dissemination of Weather Advisories, 24-hour Public Weather Forecasts, Gale Warnings, General Flood Advisories, and Severe Weather Bulletins to all RDRRMOCs/OCDRCs through SMS, facsimile, and social media websites for further dissemination to their respective Local Disaster Risk Reduction and Management Councils (LDRRMOCs).
- c. Conducted Pre-Disaster Risk Assessment (PDRA) Core Group Meeting for “AURING” on 07 January 2017 at the NDRRM Operations Center, Camp General Emilio Aguinaldo, Quezon City, joined by OCD/RDRRMOCs MIMAROPA, VI, VII, VIII, XI, XII, and CARAGA via Skype video conferencing.
- d. Disseminated the result of PDRA to all RDRRMOCs concerned through email.
- e. Disseminated Emergency Alert and Warning Messages (EAWM) thru Telecommunication Companies and other Partners to areas likely to be affected by “AURING”.

**2. Department of Science and Technology (DOST)**

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

- a. Provided updates on “AURING”.
- b. Attended the PDRA Meeting on 07 January 2017 and provided updates on “AURING”.

**Project Nationwide Operational Assessment of Hazards (Project NOAH)**

Provided the Exposure Analysis for Heavy Rainfall and Accumulated Rainfall Forecast based on the WRF and GSM Models.

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

- a. Provided updates to Regional Offices of MIMAROPA, V, VI, NIR, VII, VIII, IX, X, XI, XII, XIII, and ARMM; and advised them to activate their disaster monitoring and reporting systems.
- b. 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 based from PAGASA and MGB reports.
- c. Alerted and advised all concerned LGUs to perform the following actions:

- Initiate critical preparedness actions based on the Operation L!STO 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.
- Monitor and report of the impending weather disturbances and other incidents.
- Inform/advise all communities through but not limited to the local television channels and radio stations relative to situation updates and preparedness actions of the localities.
- Monitor the levels of river water and settlements in low-lying areas or near riverbanks which have experienced recent and repeated flooding.
- Monitor 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 mountaineering/hiking, surfing, diving, and spelunking within their areas its jurisdiction.
- 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.

#### **4. Department of Health (DOH)**

- a. Raised the status of Operations Center to Code Alert.
- b. Issued memorandum to all regional offices for the prepositioning of teams and stockpiling of medicines and medical supplies.
- c. Participated in the PDRA Meeting at the NDRRMC on 07 January 2017.
- d. Coordinated with members of NDRRMC Response Clusters for any health-related response operations.

#### **5. Armed Forces of the Philippines**

##### **EASTMINCOM and CENTCOM**

- a. Coordinated with the R/LDRRMCs for precautionary measures and support to be undertaken.
- b. Alerted and prepositioned the respective Disaster Response Units including medical teams and equipment for possible deployment.
- c. Provided manpower and transportation support for possible evacuation of affected communities in disaster-prone areas.
- d. Alerted Engineering Assets for possible road clearing operations.
- e. Directed all Operational Control units of 402Bde to organize an Emergency Response Team for possible HADR operations within the AOR.
- f. Conducted ocular inspection to the flood-prone areas in the municipalities of Carmen and Lanuza, Surigao del Sur.



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

a. The Central Office (CO), Field Offices (FOs), and National Resource Operations Center (NROC) prepositioned a total standby funds and stockpiles amounting to **₱895,310,371.01** with breakdown as follows:

- Standby Funds

A total of **₱132,135,253.58** at the CO and FOs. Of which, **₱82,062,439.85** was the available Quick Response Fund at the CO.

- Stockpiles

A total of **559,392** Family Food Packs (FFPs) amounting to **₱198,263,790.72** and available Food and Non-Food Items (FNFI) amounting to **₱564,911,326.71**.

FIELD OFFICE	STANDBY FUNDS	STOCKPILE					TOTAL STANDBY FUNDS AND STOCKPILE
		Family Food Packs		Food	Non-Food	Sub-Total (Food and FNFI)	
		Quantity	Total Cost				
<b>TOTAL</b>	<b>132,135,253.58</b>	<b>559,392</b>	<b>198,263,790.72</b>	<b>162,094,418.86</b>	<b>402,816,907.85</b>	<b>564,911,326.71</b>	<b>895,310,371.01</b>
CO*	82,062,439.85	-	-	-	-	-	82,062,439.85
NROC	-	39,801	16,000,002.00	17,382,979.50	111,058,467.44	128,441,446.94	144,441,448.94
NCR	3,000,000.00	23,149	7,390,549.74	1,951,244.10	9,062,504.25	11,013,748.35	21,404,298.09
CAR	3,000,000.00	53,379	19,823,045.61	792,510.50	7,164,295.73	7,956,806.23	30,779,851.84
I	3,000,000.00	40,524	14,999,220.44	867,545.44	3,898,035.25	4,765,580.69	22,764,801.13
II	3,000,000.00	18,260	7,262,800.00	362,465.88	105,103.56	467,569.44	10,730,369.44
III	3,084,016.32	16,318	6,004,702.34	1,356,971.09	14,913,216.85	16,270,187.94	25,358,906.60
CALABARZON	3,000,000.00	32,807	9,378,015.00	2,134,504.18	6,303,572.02	8,438,076.20	20,816,091.20
MIMAROPA	3,000,000.00	35,959	13,082,603.40	2,319,109.00	829,811.46	3,148,920.46	19,231,523.86
V	2,995,626.00	63,656	23,208,977.60	3,132,577.20	56,566,752.30	59,699,329.50	85,903,933.10
VI	3,000,000.00	40,122	14,403,798.00	40,476,320.00	2,439,374.45	42,915,694.45	60,319,492.45
NIR	3,000,000.00	14,194	3,894,412.68	5,724,226.12	2,515,770.00	8,239,996.12	15,134,408.80
VII	2,965,242.28	29,429	9,294,501.20	58,531,652.40	50,184,258.21	108,715,910.61	120,975,654.09
VIII	3,166,124.30	63,698	22,999,436.90	10,789,885.81	102,785,438.80	113,575,324.61	139,740,885.81
IX	3,477,745.03	17,722	6,379,920.00	2,825,772.50	832,218.50	3,657,991.00	13,515,656.03
X	2,876,143.42	8,764	3,009,995.80	3,825,730.04	16,960,047.85	20,785,777.89	26,671,917.11
XI	3,000,000.00	15,549	4,726,429.53	3,757,822.97	1,949,155.74	5,706,978.71	13,433,408.24
XII	1,507,916.38	35,007	12,602,520.00	1,508,813.50	14,032,427.11	15,541,240.61	29,651,676.99
CARAGA	3,000,000.00	11,054	3,802,860.48	4,354,288.63	1,216,458.33	5,570,746.96	12,373,607.44

b. Attended the PDRA Meeting and the Response Cluster Meeting at the NDRRMC-OCD on 07 January 2017, 2:00 PM.

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

a. RDRRMCs MIMAROPA, VI, VII, VIII, IX, X, XI, NIR, CARAGA, and ARMM disseminated weather advisories to RDRRMC member-agencies, P/C/MDRRMCs, and local media (radio stations) through SMS, Facsimile,

- and uploaded the same to social accounts to effectively ensure public safety and achieve zero-casualty; alerted and coordinated with all PDRRMCs and RDRRMC member-agencies for possible rescue, relief, and other response operations relative to the weather disturbance.
- b. Participated in PDRA Meeting on 07 January 2017 at NDRRMC Operations Center with National PDRA Core Group via Skype Video Conferencing.

## **1. MIMAROPA**

### **OCD MIMAROPA**

- a. Raised its alert status to Blue.
- b. Disseminated weather advisories and general flood advisories to R/P/CDRRMCs, LGUs, Local Radio Stations and line member agencies through SMS, infoboard, facsimile, and uploaded the same to OCD-RDRRMC MIMAROPA social media accounts to ensure widest dissemination of the advisories.
- c. Coordinated with response agencies and monitored weather situation within the AOR.
- d. Coordinated with RDRRMC member agencies re Preparedness Measures for "AURING".

### **DILG MIMAROPA**

- a. Disseminated Weather Advisory to Local Government Units.
- b. Activated the Disaster Monitoring and Reporting System.

### **DSWD MIMAROPA**

- a. Placed Quick Response Teams (QRTs) and Social Welfare and Development Teams (SWADTs) on-call status for immediate mobilization.
- b. Prepositioned family food packs and available logistics.

### **DOST MIMAROPA**

- a. Provided update to LGUs and uploaded updates on official social media accounts.
- b. Monitored the Automatic Rain Gauges and Water Level Monitoring Station in MIMAROPA as source of data thru "Project NOAH" and "PREDICT" websites.

### **BFP MIMAROPA**

- a. Coordinated with LGUs, NGOs, and other government agencies to support the operational activities.
- b. Linked/coordinated with Police Forces, Barangay Officials, Tanods, and Citizen Crime Watch to provide security to the evacuation centers.
- c. Alerted all BFP personnel for any disaster related response.
- d. Place All trucks and response asset are readily available in case needed.

### **CGD Southern Tagalog and Palawan**

- a. Advised all CG station and substations to ensure strict implementation regarding Guidelines on the Movement of Vessels during Heavy Weather and in the absence of weather bulletin in the locality.
- b. Placed deployable Response Groups on standby status for possible deployment on flood-prone and coastal areas.
- c. Coordinated with LGUs and other government agencies.

- d. Monitored the situation within the AOR.
- e. Ensured the operational status of HF and VHF radio communications in support to the province operational concern in case of power blackout.

#### **DEPED MIMAROPA**

- a. Advised all DRRM coordinators to maintain open communication with school officials for any needed assistance.
- b. Reiterated to all DRRM Division Focal persons to coordinate with DRRM District and School Coordinators relative to memorandum 159 s. 2016 regarding Safety and Preparedness Measures for Holiday Season.

#### **DOH MIMAROPA**

- a. Prepositioned drugs, medicines, medical supplies and vehicles.
- b. Coordinated with active monitoring with all PDOHO and HEMS Point Persons for any untoward incident.
- c. Coordinated with DOH retained hospitals and other attached agencies, regional agencies including, PCG, PPA, RDRRMC, OCD, LGUs, PNP station and other stakeholders.
- d. Advised PDOHO to coordinate with HEMS-PHO for any health agencies being monitored.
- e. Advised nearby port health facilities to be on standby for possible health assistance in relation to the surge of passengers with medical assistance needed.
- f. Advised PDOHO to conduct roving in all areas of concern, having potential risk for mass casualty incident.
- g. Coordinated with PDOHOs and DOH Retained Hospital in relation to the inventory of all available drugs, medicines, and medical supplies including vaccines and transportation assets.

#### **DPWH MIMAROPA**

- a. Alerted Maintenance crew of the District DRRM Teams to monitor the condition of national roads and bridges and other infrastructure facilities.
- b. Placed equipment on standby ready to mobilize if situation warrants.

#### **PRO MIMAROPA**

- a. Ensured the availability of Search and Rescue assets and personnel.
- b. Alerted all Police Provincial Office down to its lower units and monitor the situation within their respective AORs.
- c. Directed lower units to undertake precautionary measures and other disaster preparedness activities.

#### **Southern Luzon Command**

- a. Ensured the availability of transportation, communication and search and rescue assets.

#### **PDRRMC Palawan**

- a. Raised the status of the Operations Center on full alert status.
- b. Prepositioned 700 food packs for possible disaster relief and response.
- c. Checked the status of evacuation centers for possible evacuation of vulnerable communities.

## 2. REGION VI

### **OCD VI**

- a. Convened the Regional PDRA Meeting and participated in the NDRRMC PDRA Teleconference on 07 January 2017.
- b. Disseminated weather bulletins to RDRRMC, PDRRMCs and other stakeholders.

### **DILG VI**

- a. Issued memorandum to all LGUs to comply with Operation L!sto checklist.
- b. Coordinated closely with the LGUs and the MLGOOs in the field.
- c. Monitored the AOR.

### **DSWD**

- a. The following were repositioned:
  - Standby fund of ₱3,000,000.00.
  - 37,000 family food packs available for distribution.
  - Non-Food Items
  - SWAD Teams

### **PCG**

Cancelled all trips coming from Iloilo going to Bacolod and Mindanao.

### **PNP**

Regional Public Safety Battalion Company and two (2) M-35 trucks are on standby and ready for deployment.

### **DOST**

Monitored the water levels of rivers and dams for the information and guidance of partners and stakeholders.

### **CDRRMC Iloilo City**

Placed team on standby and monitored the AOR particularly the flood prone areas in the city.

### **MDRRMC Tubungan, Iloilo**

- a. Activated the Emergency Operations Center on a 24-hr basis.
- b. Disseminated public warnings thru established warning systems and weather bulletins
- c. Advised households to secure roof, walls, and power lines.
- d. Secured communications, power, and water supplies.
- e. Assessed and prepared evacuation centers.
- f. Organized Administrative and logistics supplies

## 3. REGION VII

### **OCD VII**

- a. Raised alert status to Blue Alert effective 07 January 2017.
- b. Coordinated with PCG Cebu Station, DPWH, DSWD, PNP and PDRRMOs Bohol, Cebu and Siquijor regarding their preparedness actions.

- c. Disseminated weather advisories and updates to all LDRRMOs and member agencies through SMS, Facsimile, and radio.

#### **DPWH RO VII**

- a. Activated the District Disaster Response Unit (DRU) Team to monitor any possible damages.
- b. Prepositioned manpower and equipment in all District Offices.

#### **DSWD RO VII**

- a. Coordinated with LGUs for possible pre-emptive evacuation when necessary.
- b. Conducted repacking operation of relief goods at the Visayas Disaster Response Center (VDRC) for relief augmentation.
- c. Monitored the situation and on standby for possible deployment of the QRT.

#### **AFP CENTCOM**

- a. Alerted all Disaster Response Unit (DRU) in Region VII.
- b. Disseminated weather advisory and updates to lower unit.

#### **PNP RO VII**

- a. Ensured operational readiness of SRR equipment and supplies to support operational requirements.
- b. Prepositioned and standby status of SAR assets for deployment.
- c. Coordinated with DRRMCs.
- d. Activated the respective Disaster Incident Management Task Group (DIMG).
- e. Activated PD/CD Response Clusters.
- f. Disseminated weather updates to Provincial Offices thru SMS.

#### **PCG District Central Visayas**

- a. Monitored the weather situation and any incident within AOR.
- b. Cancelled all sea trip inbound and outbound Central Visayas.
- c. Placed personnel and vessels on standby for possible deployment.

#### **PDRRMC Cebu**

- a. Monitored the weather updates thru PAGASA.
- b. Coordinated with Public Information Officer in informing all LGUs on the suspension of classes for 09 January 2017.
- c. Visited the areas of West Central District on the status of preparations of LGUs.
- d. Cancelled sea voyages in the Municipality of Samboan.

#### **PDRRMC Bohol**

- a. Monitored the weather condition within the AOR.
- b. Conducted PDRA with PDRRMC members.
- c. Deployed SAR Teams in the Municipality of Ubay and Tagbilaran City.

#### **PDRRMC Siquijor**

- a. Monitored the weather condition within the AOR.
- b. Inspected the Operations Center of each municipality.

## 4. REGION VIII

### **OCD VIII**

- a. Facilitated the conduct of PDRA meeting to identify the preparedness measures of the respective agencies and local government units.
- b. Raised Blue Alert Status of the RDRRMOC and enjoined RDRRMC member agencies to send detailed duty officers to monitor any eventuality.
- c. Coordinated with the affected localities through the PDRRMOs and C/MDRRMOs.
- d. Advised LDRRMCs to facilitate the dissemination of information advising fisherfolks not to venture out into the sea.
- e. Coordinated with PCG re the status of stranded passengers in all affected ports in the region.

### **DILG VIII**

- a. Directed the MLGOOs to conduct constant monitoring in their respective AORs.
- b. Alerted and assisted the whole Region to make the resources available.

### **DSWD FO VIII**

- a. Advised SWADTs to be ready and alerted the Quick Response Teams to render 24/7 duty once Tropical Cyclone Warning Signal is raised and for possible deployment to the affected areas.
- b. Prepositioned Food and Non-Food Items in the areas likely to be affected.
- c. Placed one (1) winged van and two (2) Botswana trucks on standby which can be dispatched anytime.
- d. Made available standby fund amounting to ₱6,166,124.30
- e. Prepositioned a total of 56,300 family food packs, 29,450 Hygiene Kits, and 60,000 Malong in the whole region.

### **MGB VIII**

Released public advisory relative to the identified landslide and flash flood prone areas likely to be affected by TD "AURING".

### **PCG VIII**

- a. Placed Floating Assets and Personnel on standby for possible deployment.
- b. Advised fisherfolks not to venture out into the sea due to the big waves caused by the weather disturbance.
- c. Monitored the situation of sea ports in the region especially in the province of Southern Leyte.

### **8<sup>th</sup> ID, PA**

- a. DRU on standby for any eventuality.
- b. Disseminated advisories and directives to the line units to conduct preparedness measures and coordinated with the LGUs for possible assistance.
- c. Personnel were placed on standby for the conduct of pre-emptive evacuation when necessary.

**PAF-TOG8**

- a. One (1) QRT Team on standby and ready for deployment.
- b. Prepositioned DRU equipment.

**PNP PRO VIII**

- a. Monitored the situation and coordinated with the Local Disaster Risk Reduction and Management Councils.
- b. Coordinated with the LDRRMC, PAG-ASA/Batingaw and other government agencies for advisory.
- c. Assisted the LGU in alerting residents by means of the following established warning system:
  - Patrol car sirens
  - Ringing of church bells
  - Use of megaphones
  - Local Radio Broadcasts
- d. Placed personnel on standby to assist in the conduct of pre-emptive evacuation of residents in flood-prone/landslide-prone areas in coordination with the concerned agencies, if situation requires.
- e. Instituted police visibility in vacated areas.
- f. Provided security at designated Evacuation Centers.
- g. Ensured readiness of the SAR equipment and supplies.
- h. Deployed SAR assets for timely and rapid disaster response.

**PPA**

Monitored the seaport terminals and the status of stranded passengers.

**DPWH VIII**

- a. Directed all District Engineering Offices all over Eastern Visayas to be on alert for possible response.
- b. Advised Maintenance Engineers to preposition equipment and manpower for possible mobilization.

**DTI**

- a. Intensified price and supply monitoring on basic and prime commodities in Maasin, Sogod and other towns of the province.
- b. Activated the Diskwento Caravan.
- c. Coordinated with PDRRMC/MDRRMC/LPCC
- d. Strengthened enforcement services.
- e. Disseminated price advisories.
- f. Disseminated weather updates to alert the officials of DTI Southern Leyte of the result and alertness level of RDRRMC VIII conducted on 07 January 2017.

**DOH VIII**

- a. Alerted six (6) Provincial Health Teams and DOH Regional Office Team.
- b. Prepositioned drugs, medicines and supplies.
- c. Activated Incident Command System, Logistic Management System, Hospital Referral System.
- d. Raised Code White Alert System and activated the Operation Centers.
- e. Alerted Information Management Team.

**CDRRMC Tacloban City**

- a. Placed all assets and rescue volunteers on standby for possible deployment.
- b. Monitored all waterways and coastal areas.
- c. Activated Emergency Operation Center.

**PDRRMC Southern, Leyte**

- a. Conducted PDRA with PAGASA as basis for the activation of OpCen and ICS.
- b. Disseminated weather updates to PDRRMC, Mayors, C/MDRRMOs, DRTs and PDRRM Staff.
- c. Issued Public advisory for small boats or ship not to venture at seas.

**KABALIKAT CIVICOM**

- a. Alerted Radio Communications Team in Southern Leyte to be on standby and for possible deployment.
- b. Radio Communication Equipment ready to be utilized.

**ACCESS 5 INC.**

- a. Coordinated with the PDRRMO Southern Leyte regarding the exchange of information through radio communication.

**REACT**

- a. REACT Ormoc alerted Radio Communication Members to be on standby.
- b. REACT Catbalogan on standby for possible deployment.

**5. REGION IX****OCD IX**

- a. Disseminated weather advisories to all DRRMCs in the peninsula to warn for possible flooding and landslide.
- b. P/C/M DRRMOs have standby rescue teams on a 24/7 duty in case of any incident.
- c. Coordinated with LDRRMOs and other agencies for any updates and development.

**6. REGION X****OCD X**

- a. Raised OpCen to BLUE ALERT Status.
- b. Disseminated weather, rainfall, and flood advisories to all LDRRMCs and RDRRMC member agencies.

**DILG X**

- a. Activated "Oplan Listo".
- b. Sent Regional Memorandum on the activation of Monitoring and Reporting System for "AURING" to DILG Provincial/City Offices.
- c. Forwarded Critical Cyclone Track Chart (hotdog) from PAG-ASA to DILG Provincial/City Offices.
- d. Sent Regional Advisory on the "AURING" to DILG Provincial/City Offices.
- 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.

#### **DSWD X**

Placed all Social Workers on "on call" status.

#### **DOH X**

Placed OpCen and Hospital on Code White Alert.

#### **PDRRMC Lanao Del Norte**

- a. Disseminated public warning and advisories to MDRRMOs thru radio station, radio message and SMS.
- b. Provincial Emergency Response Team equipped with Search and Rescue equipment are on standby.
- c. Placed Operations Center on a 24/7 basis to monitoring their AOR.

#### **PDRRMC Misamis Occidental**

MOSART is on standby for possible deployment.

#### **CDRRMC Gingoog City**

- a. Alerted the Council Members and front line Agencies.
- b. Advised BDRRMCs to monitor weather condition.
- c. Advised residents living in vulnerable areas to be vigilant.
- d. Prepositioned assets and equipment.
- e. Conducted ocular survey to flood and landslide prone areas and major rivers.
- f. Prepared evacuation centers for possible evacuation.

#### **LDRRMCs**

- a. Raised alert level to BLUE ALERT.
- b. Disseminated weather forecasts within AOR.
- c. Placed all Responder Teams on standby.

### **7. REGION XI**

#### **OCD XI**

- a. Activated the Operations Center and raised the alert status to Blue Alert.
- b. Monitored AOR for any untoward incident.

#### **LDRRMCs**

Activated their respective LDRRMC Members due to continuous rains that may cause flooding in their respective AOR.

### **8. REGION CARAGA**

#### **OCD CARAGA**

- a. Raised RDRRMC-OCD Operations Center to Red Alert Status and manned by focal persons from different response agencies.
- b. Conducted a PDRA meeting at the RDRRMC/OCD Emergency Operations Center on 07 January 2017, 2:00 PM.

- c. Advised to conduct massive information dissemination thru “rekoreda” by PNP and BFP region-wide.
- d. Coordinated LDRRMCs on preparedness measures to be undertaken in their respective area of responsibility.
- e. Advised response agencies to be on standby alert for possible mobilization.
- f. Imposed no sailing policy on all vessels.
- g. All response agencies on standby alert for immediate deployment/mobilization
- h. Prepositioned food items region-wide.
- i. Monitored conditions in AOR.
- j. Disseminated communications and advisory to P/C/Municipal Health Offices on the SOP on health emergency and disaster response.
- k. Disseminated advisories to all LDRRMCs and for the implementation of DILG L!sto protocol.

### **DILG CARAGA**

- a. Sent Regional Memorandum on the activation of Monitoring and Reporting System for “AURING” to DILG Provincial/City Offices.
- b. Forwarded Critical Cyclone Track Chart (hotdog) from PAG-ASA to DILG Provincial/City Offices.
- c. Sent Regional Advisory on the “AURING” to DILG Provincial/City Offices.
- d. 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.
- e. Forwarded General Flood Advisory and Severe Weather Bulletins issued by PAGASA thru SMS and e-mail to DILG Provincial/City Office.

### **DSWD CARAGA**

- a. Activated Operations Center 24/7.
- b. Prepositioned 6,100 Family Food Packs to geographically hard to reach areas.
- c. Conoducted repacking activity for additional stockpiling of food packs. Currently there are 3,594 standby food packs.
- d. The FO has available non-food items amounting to ₱1,216,458.33.
- e. Quick Response Teams of the Field Office were placed on standby mode for immediate mobilization.
- f. Instructed SWAD Teams, Provincial/City/Municipality to monitor the situation and closely coordinate with the Local Social Welfare and Local Disaster Risk Reduction Management Office and provide report to Field Office.
- g. Activated the Operations Center of P/C/M/B LGUs to take precautionary measures in their respective area of responsibility.
- h. QRT monitored the situation in coordination with SWAD Team and Local Action Team.

### **DPWH CARAGA**

- a. Installed warning signs on damaged roads.
- b. Assisted the public with the presence of maintenance crew on site.
- c. Alerted clearing teams for deployment to any part of the region.

### **DOH CARAGA**

- a. Activated DOH Health Emergency Response Team and 24/7 operations center on Code White.

- b. Pre-positioned a total of ₱2,419,106.70 worth of medicines and medical supplies, hygiene kits, jerry cans for the five (5) provinces.
- c. All provincial health offices were placed on code white alert.
- d. Retained Provincial and District Hospitals in Code White Alert.
- e. Coordinated with Provincial DOH Offices (PDOHO), OCD and PDRRMC in monitoring any untoward incidents and the current weather condition in their AOR.
- f. Placed Emergency Response Team and Rapid Assessment on standby for possible deployment.

#### **DOST**

- a. Operations Center was activated on a 24-hr basis.
- b. Conducted close monitoring of water levels in all water system in the region.

#### **BFP CARAGA**

- a. Activated Oplan PaghahandaLaban Sa Sakuna (PAGHALASA).
- b. Monitored the water level of the rivers and coastal areas in the region.
- c. Monitored the flood prone areas and landslide prone areas in the region.
- d. All fire stations coordinated with respective MDRRMC Command center to monitor any untoward incidents in the AOR.

#### **DENR CARAGA**

- a. Activated response team for immediate deployment/mobilization.
- b. Monitored landslide-prone areas and conducted information dissemination.

#### **DepEd Agusan del Norte**

- a. Issued advisory for the suspension of classes until 09 January 2017.

#### **PCG**

- a. Imposed no sailing policy on all vessels.
- b. Monitored seaports to account stranded passengers.

#### **Philippine Army**

- a. DRRO in every unit are on standby alert for deployment.
- b. Mobility assets are on standby for disaster relief and humanitarian assistance efforts.

#### **PIA**

- a. Disseminated weather advisories, updates and disaster preparedness measures and actions undertaken by LDRRMCs in the region through text and social media.
- b. Spearheaded the navigation in the stretch of Agusan River to verify the status of water level and the situation of residents living along the riverbanks to ensure zero casualty.

#### **PRO CARAGA**

- a. Conducted massive information dissemination thru “rekoreda”.
- b. Activated disaster response teams in all units region-wide.
- c. Prepared mobility assets for response operations.
- d. Personnel of Butuan City Police Station are on standby alert and ready to respond to any untoward incident.

- e. Dispatched patrol boat to the Butuan City in preparation for the conduct of response operations.

#### **PDRRMC Agusan del Norte**

- a. PDRRMC Operations Center was placed on Code Blue Alert Status.
- b. Issued Executive Order No. 7 dated 06 January 2017, 4:00 PM for the suspension of classes in all levels starting 07 January 2017 until 09 January 2017.
- c. Activated all LDRRMCs, IMTs, ERTs, and support groups to be "ON CALL" status.
- d. Closely monitored water courses.
- e. Activated PDRRMC and called for an emergency meeting.
- f. On heightened alert and ready to respond.
- g. Assigned PDRRM Operation Center Staff to man the PDRRMC OpCen on a 24-hour basis.
- h. Maintained coordination and communications with the lower DRRMCs.

#### **PDRRMCs Agusan del Sur and Surigao del Sur**

- a. Activated PDRRMC Operations Center on a 24/7 basis.
- b. Alerted Search and Rescue team and Emergency Response Team to be on standby.

#### **PDRRMC Dinagat Islands**

All assets are on standby ready for deployment to conduct humanitarian assistance and disaster relief operations.

#### **CDRRMC Cabadbaran City**

- a. Activated ICS with close coordination with CDRRMC Deputy Chairperson.
- b. Activated Emergency Response Team.
- c. Activated 24/7 Command Center and Operations Center.
- d. Monitored coastal and flood-prone areas.
- e. Packed and prepositioned goods and equipment.
- f. Coordinated with School Division Superintendent for evacuation assistance when necessary.
- g. Sent precautionary measures and safety tips thru text messages to BDRRMCs and the public.
- h. Conducted regular monitoring.

#### **CDRRMC Butuan City**

- a. Coordinated and alerted all Punong Barangays to activate BDRRMC.
- b. Prepositioned food items.
- c. Deployed personnel to monitor the Agusan River water level.
- d. Monitored the LGU preparedness actions.
- e. Coordinated 4Ps parent leaders to monitor the condition in their respective barangays.
- f. Placed personnel on standby ready for deployment to different evacuation centers.
- g. Prepositioned medicines.
- h. Activated the school DRRM of Agusan National High School.

#### **MDRRMC Jabonga**

- a. Activated Emergency Response Team.

- b. Monitored the water level in Lake Mainit.
- c. Manned Command Center and Operations Center on a 24/7 basis.
- d. Provided warning/advisories to the coastal barangays.

#### **MDRRMC Bunawan**

Activated all MDRRMCs and BDRRMCs Command Operations Center on a 24/7 basis and on a Yellow Alert Status.

#### **MDRRMC Hinatuan**

- a. Activated MDRRMO Emergency Operations Center on a 24/7 basis.
- b. Disseminated advisories to all BDRRMCs.
- c. Conducted PDRA on 07 January 2017, 8:00 AM.

#### **MDRRMC Las Nieves**

- a. Conducted PDRA Meeting.
- b. Activated the Operations Center on a 24/7.
- c. Stockpiled relief goods.
- d. Activated Emergency Responder Team with the issuance of Memorandum No. 1 s, 2017.

#### **CDRRMC Bislig City**

- a. Activated CDRRMO Operations Center and manned on a 24/7 basis.
- b. Issued Memorandum to all Punong Barangays for the activation of the preparedness plan for flooding and landslide.
- c. Prepositioned heavy equipment to pre-identified areas for immediate mobilization/deployment.
- d. Established reporting mechanism to CDRRMC member agencies and other stakeholders.
- e. Advised BDRRMCs to activate Operations Center to be manned on a 24/7 basis.
- f. Conducted “rekoreda” for public information on safety tips and precautionary measures.
- g. Placed Emergency Response Teams on standby for possible deployment.
- h. Prepositioned relief goods to facilitate easy access for distribution to possible affected areas.

## **9. REGION ARMM**

#### **OCD ARMM**

- a. OPCEN raised the alert status to BLUE ALERT.
- b. Coordinated with RDRRMCs ARMM for the preparedness measures and possible response operation.
- c. Coordinated with R/P/MDRRMC for 24/7 monitoring and reporting of any incidents re landslide, flooding, flashflood and other relevant events thru SMS, facsimile and e-mail.
- d. Placed P/MDRRMCs rescue groups on standby to respond to any emergency situation.
- e. Conducted PDRA Meeting on 07 January 2017.

## 10. REGION NIR

### **OCD NIR**

Disseminated NDRRMC Advisory for “AURING” to RDRRMC members, LDRRMOs, Media and other stakeholders within the AOR for appropriate actions.

### **BFP NIR**

Prepositioned various response assets.

### **PCG NIR**

Ensure preparedness and security in all seaports in the AOR.

### **PDRRMC Negros Occidental**

- a. Conducted Emergency Meeting with PDRRMC Members.
- b. CDRRMCs Bago City and San Carlos City conducted Emergency Meeting regarding preparedness measures for “AURING”.

### **PDRRMC Negros Oriental**

Conducted PDRA Meeting at the Provincial Capitol, Dumaguete City.

### **CDRRMC Bacolod City**

- a. Heightened Alert Status.
  - b. Conducted Meeting re preparedness measures for TD “AURING”.
  - c. Prepositioned 23 members of 303<sup>rd</sup> IB PA for possible deployment.
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**PREPAREDNESS MEASURES AND EFFECTS OF TD "AURING"**  
**COST OF ASSISTANCE**  
**07-10 January 2017**

REGION / PROVINCE / CITY / MUNICIPALITY	DSWD (₱)	DOH (₱)	LGU (₱)	GRAND TOTAL (₱)
<b>GRAND TOTAL</b>	<b>1,168,167.00</b>	<b>270,834.30</b>	<b>2,073,642.00</b>	<b>3,512,643.30</b>
<b>REGION VII</b>	-	-	<b>5,090.00</b>	<b>5,090.00</b>
<b>Cebu</b>	-	-	<b>5,090.00</b>	<b>5,090.00</b>
<i>Toledo City</i>	-	-	5,090.00	5,090.00
<b>CARAGA</b>	<b>1,168,167.00</b>	<b>270,834.30</b>	<b>2,068,552.00</b>	<b>3,507,553.30</b>
<b>Agusan del Norte</b>	<b>596,828.45</b>	<b>54,836.90</b>	<b>1,269,988.00</b>	<b>1,921,653.35</b>
<i>without breakdown</i>	-	54,836.90	-	54,836.90
<i>Butuan City</i>	197,695.00	-	478,224.00	675,919.00
<i>Cabadbaran</i>	-	-	170,014.00	170,014.00
<i>Jabonga</i>	-	-	73,250.00	73,250.00
<i>Kitcharao</i>	197,695.00	-	-	197,695.00
<i>Magallanes</i>	-	-	162,000.00	162,000.00
<i>Nasipit</i>	21,536.00	-	-	21,536.00
<i>Remedios T. Romualdez</i>	61,285.45	-	36,500.00	97,785.45
<i>Tubay</i>	118,617.00	-	350,000.00	468,617.00
<b>Dinagat Island</b>	-	-	<b>19,897.00</b>	<b>19,897.00</b>
<i>Tubajon</i>	-	-	19,897.00	19,897.00
<b>Surigao del Norte</b>	<b>451,535.38</b>	<b>185,264.90</b>	<b>238,710.00</b>	<b>875,510.28</b>
<i>without breakdown</i>	-	185,264.90	-	185,264.90
<i>Burgos</i>	147,480.47	-	124,950.00	272,430.47
<i>Pilar</i>	86,590.41	-	101,760.00	188,350.41
<i>Santa Monica</i>	19,769.50	-	-	19,769.50
<i>Socorro</i>	197,695.00	-	-	197,695.00
<i>Tubod</i>	-	-	12,000.00	12,000.00
<b>Surigao del Sur</b>	<b>119,803.17</b>	<b>30,732.50</b>	<b>539,957.00</b>	<b>690,492.67</b>
<i>without breakdown</i>	-	30,732.50	-	30,732.50
<i>Cagwait</i>	-	-	16,120.00	16,120.00
<i>Carmen</i>	119,803.17	-	78,500.00	198,303.17
<i>Cortes</i>	-	-	23,799.00	23,799.00
<i>Hinatuan</i>	-	-	16,800.00	16,800.00
<i>Lanuzá</i>	-	-	47,196.00	47,196.00
<i>San Miguel</i>	-	-	122,120.00	122,120.00
<i>City of Tandag (capital)</i>	-	-	235,422.00	235,422.00

Source: DSWD DROMIC Terminal Report on Tropical Depression "AURING" on 25 February 2017, 9:00 AM  
DOH HEARS Report