




NDRRMC UPDATE

Final Report re Preparedness Measures and Effects of Southwest Monsoon “HABAGAT” enhanced by Typhoon “GORIO” and Tropical Storm “HUANING” (25 - 31 July 2017)

Releasing Officer:


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Sources: DOST-PAGASA, DSWD, and RDRRMCs/OCDROs I, III, CALABARZON, MIMAROPA, CAR, and NCR

I. SITUATION OVERVIEW

A. Chronology and Tracking

1. Southwest Monsoon

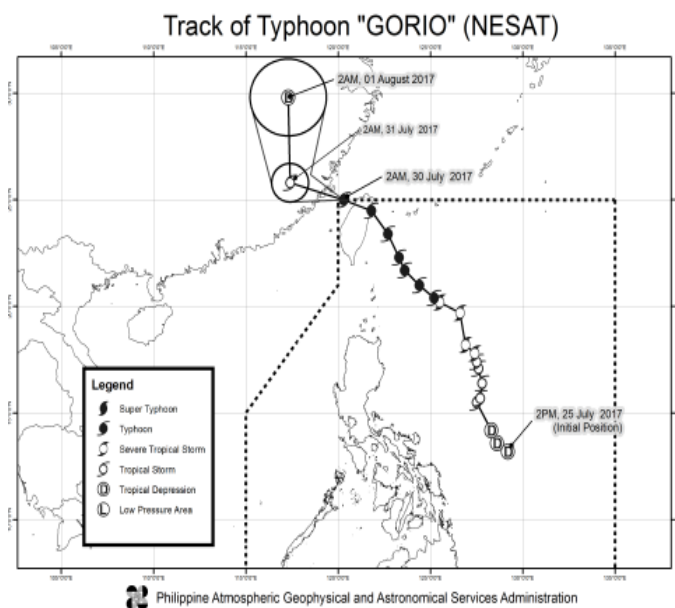
On 30 May 2017, PAGASA released a press statement regarding the occurrence of widespread rainfall which confirms the onset of the rainy season. Intermittent to continuous rains and thunderstorms, associated with the Southwest Monsoon, affected Metro Manila and the western section of the country.

Furthermore, most parts of the country were forecasted to likely experience near to above normal rainfall conditions in June until the month of July. On 11 October 2017, termination of the Southwest Monsoon was issued when significant weakening of the Southwest Monsoon winds had been observed.

2. Typhoon “GORIO”

25 July 2017

The Low Pressure Area East of Southern Luzon has developed into a Tropical Depression (TD) and was named “GORIO”. It has a maximum sustained wind of up to 55 kph near the center and gustiness of up to 65 kph and was forecasted to move Northwest at 15 kph.



26 July 2017

“GORIO” intensified into a Tropical Storm (TS) and slightly slowed down as it moved North-Northwestward with a maximum sustained wind of up to 65 kph near the center and gustiness of up to 80 kph. It was forecasted to move North Northwest at 13 kph. Estimated rainfall amount was from moderate to heavy within the 400 km diameter of the tropical storm.

This weather system enhanced the Southwest Monsoon which brought moderate to occasionally heavy rains over the western section of Luzon and light to moderate rains over the rest of Luzon and Visayas.

27 July 2017

TS “GORIO” slightly intensified while moving northward over the Philippine Sea with maximum sustained winds of up to 80 kph near the center and gustiness of up to 95 kph. It was forecasted to move North at 13 kph.

At 4:00 PM, “GORIO” intensified into a Severe Tropical Storm (STS) as it moved north-westward and located at 585 km East Northeast of Casiguran, Aurora with maximum sustained winds of 90 kph near the center and gustiness of up to 115 kph. It was forecasted to move Northwest at 13 kph.

Tropical Cyclone Warning Signal (TCWS) No. 01 was raised over the Province of Batanes.

28 July 2017

“GORIO” maintained its strength as it continued to move northwestward with maximum sustained winds of 105 kph near the center and gustiness of up to 130 kph. It was forecasted to move Northwest at 15 kph.

At 4:00 PM, “GORIO” intensified into typhoon while maintaining its speed and direction. TCWS No. 02 was raised over Batanes Group of Islands.

29 July 2017

Typhoon “GORIO” continued to intensify while maintaining its course with maximum sustained winds of 145 kph near the center and gustiness of up to 180 kph. It is forecasted to move Northwest at 17 kph.

TCWS No. 02 was raised over Batanes Group of Islands, while, TCWS No. 01 was raised over Babuyan Group of Islands.

30 July 2017

Typhoon “GORIO” slightly weakened and is now outside the Philippine Area of Responsibility (PAR).

Meanwhile, TCWS No 1 was raised over the Batanes Group of Islands due to the Tropical Storm “HAITANG” (I.N. “HAITANG”) which was expected to enter the northwest boundary of the Philippine Area of Responsibility (PAR). Estimated rainfall amount was from moderate to heavy within the 500 km diameter of the Typhoon.

Sea travel is risky over the seaboards of Northern Luzon and the western seaboard of Central Luzon.

3. Tropical Storm “HUANING”

30 July 2017

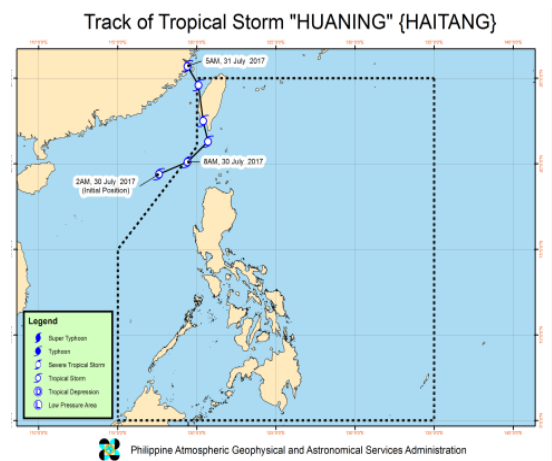
At 11:00 AM, the Tropical Storm (TS) with international name “HAITANG” entered PAR and was named “HUANING”. At 5:00 PM, TS “HUANING” slightly intensified, and moved towards Southern Taiwan.

Tropical Cyclone Warning Signal (TCWS) No. 1 was raised over the Provinces of Batanes, Ilocos Norte, and Northwestern Cagayan including Babuyan Group of Islands.

31 July 2017

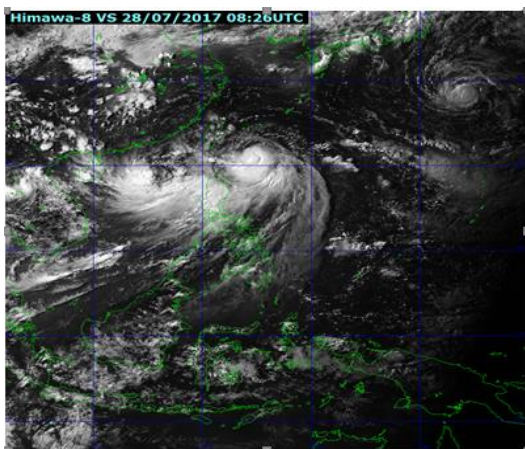
At 08:00 AM, Tropical Storm "HUANING" exited PAR. All Tropical Cyclone Warning Signals were lifted.

Meanwhile, on 31 July 2017, 4:00 PM, Southwest Monsoon still affected the western section of Northern and Central Luzon.



B. Tropical Cyclone Analysis

1. Typhoon “GORIO”



During the stay of TY “GORIO”, the estimated highest maximum sustained winds attained was 150 kph near the center and gustiness of up to 180 kph with a central pressure of 957 hPa. The estimated rain diameter was about 500 km in the category of moderate to occasionally heavy. There were 3 Weather Advisories, 19 International Warnings for Shipping (IWS), and 16 Severe Weather Bulletins (SWB) – (Alert & Warning) issued.

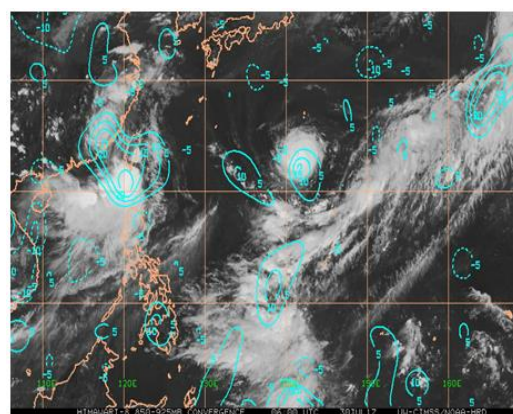
TCWS #2 was the highest warning issued. It was hoisted over the Batanes Group of Islands while

TCWS #1 was raised over Babuyan Group of Islands.

TY “GORIO” stayed inside the PAR for 6 days from 25 July (5:00 PM) – 30 July 2017 (5:00 AM).

2. TS “HUANING”

During the stay of TS “HUANING”, the estimated highest maximum sustained winds attained is 85 kph near the center and gustiness of up to 120 kph with a central pressure of 998 hPa. The estimated rain diameter is about 500 km in the category of



moderate to occasionally heavy. There were 6 International Warning for Shipping (IWS) and 6 Severe Weather Bulletin (SWB) – (Alert & Warning) issued.

TCWS # 1 was the highest warning issued and raised over the Batanes Group of Island, Babuyan Group of Islands, Ilocos Norte, and Northwest Cagayan. TS “HUANING” stayed inside the PAR from 30 July (5:00 AM) – 31 July 2017 (5:00 AM).

II. EFFECTS:

A. Affected Population (TAB A)

1. A total of **2,782 families / 12,570 persons** were affected in **119 barangays, 10 provinces, 32 municipalities, and 7 Cities** in Regions I, III, CALABARZON, CAR and NCR was reported due to the Southwest Monsoon enhanced by TY “GORIO” and TS “HUANING”. Of which, **346 families / 1,301 persons** were accommodated inside **14 evacuation centers** while **22 families / 83 persons** were served outside ECs.

Source: DSWD DROMIC #14 on Southwest Monsoon as of 14 August 2017, 6:00 PM

B. Suspension of Classes and Work

SUSPENSION OF CLASSES (TAB B)

1. A total of **231 municipalities** and **42 cities** in Regions I, III, CALABARZON, MIMAROPA, CAR, and NCR have suspended classes in view of the Southwest Monsoon enhanced by TY “GORIO” and TS “HUANING”.

SUSPENSION OF WORK AND OTHER ACTIVITIES

1. On 26 July 2017, the City of Olongapo suspended work in public/government offices except those involved in the provision of basic and health services, and disaster response.
2. On 27 July 2017, the Office of the President issued Memorandum Circular No. 21 suspending work in government offices and classes in public schools at all levels in the National Capital Region (NCR) upon the recommendation of MMDA.
3. The Department of Education Baguio City School Division postponed the DEPED Baguio DRRM Olympics scheduled on 28 July 2017, per Memorandum No. 194, s. 2017 dated 27 July 2017.

C. Incident Monitored (TAB C)

1. A total of **twenty-five (25) incidents** were monitored in Regions I, III, CALABARZON, MIMAROPA, CAR, and NCR.

REGION	TYPE OF INCIDENT			
	LANDSLIDE	FLOODING	FLASHFLOOD	OVERFLOWED SPILLWAY
I	4	-	-	-
III	-	-	1	-
CALABARZON	1	-	-	-
MIMAROPA	4	2	-	2
CAR	9	-	1	-
NCR	1	-	-	-
TOTAL:	19	2	2	2

Source: OCD/RDRRMC I, III, CALABARZON, MIMAROPA, CAR, and NCR

D. Casualties

1. Jason Cañete, 25 years old, resident of Brgy. Amaya 5, Tanza, Cavite, sustained injuries caused by collapsed structure on 26 July 2017. The victim was immediately brought to the hospital for medical treatment.

Source: OCD CALABARZON

E. Flooded Areas (TAB D)

1. A total of **128 areas** has experienced flooding in the Provinces of Regions I, III, and NCR.

F. Status of Lifelines

1. Roads and Bridges (TAB E)

- A total of **17 road sections** were affected in Regions I, III, and CAR due to Southwest Monsoon enhanced by TY “GORIO” and TS “HUANING”.

2. Power Supply (TAB F)

- A total of **55 areas** in the Provinces in Regions I and CAR have experienced power interruption / outage due to Southwest Monsoon enhanced by TY “GORIO” and TS “HUANING”.

G. Status of Ports

1. Cancelled Flights

- A total of **4 domestic flights** were cancelled due to bad weather conditions.

FLIGHT NO.	ROUTE	REMARKS
2P 2084 / 2085	Manila-Basco-Manila	28 July 2017, 5:00 AM
M8 816 / 817	Manila-Basco-Manila	28 July 2017, 12:00 PM

Source: MIAA

H. Damaged Houses (TAB G)

1. A total of **334 houses were damaged (71 totally / 263 partially)** in Regions I, CALABARZON, and CAR.

Source: DSWD DROMIC #14 on Southwest Monsoon as of 14 August 2017, 6:00 PM

I. Cost of Damages (TAB H)

1. A total of **₱62,783,817.89 worth of damages** to agriculture (₱56,949,020.15) and infrastructure (₱5,834,797.74) was reported in Regions I and CAR.

REGION	AGRI	INFRA	TOTAL COST
GRAND TOTAL			
SUB-TOTAL	56,949,020.15	5,834,797.74	₱62,783,817.89
REGION I	17,179,795.26	5,834,797.74	23,014,593.00
CAR	39,769,224.89	-	39,769,224.89

Source: OCD I and CAR

III. DISASTER PREPAREDNESS (TAB I)

A. National Disaster Risk Reduction and Management Council

1. NDRRM Operations Center (NDRRMOC)

- a. In view of the effects of Southwest Monsoon enhanced by TY “GORIO” and TS “HUANING”, the alert status at the NDRRM Operations Center remained BLUE to continuously monitor and ensure dissemination of Weather Advisories, 24-hour Public Weather Forecasts, General Flood

Advisories, and Severe Weather Bulletins to all concerned RDRRMCs/OCDROs through SMS, facsimile, and official social media websites for further dissemination to its respective Local Disaster Risk Reduction and Management Councils (LDRRMCs).

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

- RDRRMCs I, II, III, CALABARZON, MIMAROPA, V, VI, VIII, NCR, and CAR disseminated weather advisories/bulletins to RDRRMC member-agencies, P/C/MDRRMCs, and local media (radio stations) through SMS, 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 within respective AORs.

REGIONS	ALERT STATUS
REGION I	RED
REGION II	BLUE
REGION III	BLUE
CALABARZON	RED
CAR	BLUE
NCR	BLUE

IV. COST OF ASSISTANCE (TAB J)

1. A total of **₱346,851.48** cost of assistance was provided by **DSWD (₱51,452.48)**, and **LGUs (₱295,399.00)** to the affected families in Regions I, III, and CAR.

Source: DSWD DROMIC #14 on Southwest Monsoon as of 14 August 2017, 6:00 PM

**Final Report re Preparedness Measures and Effects of Southwest Monsoon
enhanced by TY "GORIO" and TS "HUANING"**

25 - 31 July 2017

AFFECTED POPULATION

Region/Province/ Mun/City	AFFECTED			No. of Evac Centers	Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED - CURRENT (Inside + Outside)	
	Brgys	Families	Persons		Families	Persons	Families	Persons	Families	Persons
GRAND TOTAL	119	2,782	12,570	14	346	1,301	22	83	368	1,384
NCR	2	281	1,009	12	281	1,009	0	0	281	1,009
MALABON	1	14	70	1	14	70	-	-	14	70
VALENZUELA CITY	1	267	939	11	267	939	-	-	267	939
REGION I (ILOCOS REGION)	90	1,880	8,705	0	0	0	0	0	0	0
ILOCOS NORTE	21	173	680	0	0	0	0	0	0	0
BATAC	10	16	66	-	-	-	-	-	0	0
CURRIMAO	6	46	189	-	-	-	-	-	0	0
PASQUIN	5	111	425	-	-	-	-	-	0	0
ILOCOS SUR	45	1,142	5,425	0	0	0	0	0	0	0
CANDON	2	4	20	-	-	-	-	-	0	0
BANAYOYO	1	8	25	-	-	-	-	-	0	0
CABUGAO	2	36	155	-	-	-	-	-	0	0
CAOYAN	5	192	950	-	-	-	-	-	0	0
SAN ESTEBAN	6	158	732	-	-	-	-	-	0	0
SAN ILDEFONSO	6	37	185	-	-	-	-	-	0	0
SAN JUAN (LAPOG)	8	403	2,015	-	-	-	-	-	0	0
SAN VICENTE	8	167	731	-	-	-	-	-	0	0
SANTA CATALINA	4	70	277	-	-	-	-	-	0	0
SANTO DOMINGO	2	64	320	-	-	-	-	-	0	0
SUGPON	1	3	15	-	-	-	-	-	0	0
LA UNION	23	558	2,565	0	0	0	0	0	0	0
SAN FERNANDO	4	57	233	-	-	-	-	-	0	0
ARINGAY	2	173	896	-	-	-	-	-	0	0
BACNOTAN	6	151	604	-	-	-	-	-	0	0
BAGULIN	2	2	9	-	-	-	-	-	0	0
BALAOAN	1	12	40	-	-	-	-	-	0	0
BAUANG	3	140	689	-	-	-	-	-	0	0
NAGUILIAN	4	22	90	-	-	-	-	-	0	0
SAN GABRIEL	1	1	4	-	-	-	-	-	0	0
PANGASINAN	1	7	35	0	0	0	0	0	0	0
MABINI	1	7	35	-	-	-	-	-	0	0
REGION III (CENTRAL LUZON)	6	352	1,666	0	0	0	0	0	0	0
BULACAN	4	282	1,316	0	0	0	0	0	0	0
MEYCAUAYAN	4	282	1,316	-	-	-	-	-	0	0
PAMPANGA	2	70	350	0	0	0	0	0	0	0
APALIT	2	70	350	-	-	-	-	-	0	0
REGION IV-A (CALABARZON)	7	130	573	1	64	285	0	0	64	285
CAVITE	4	103	465	1	64	285	0	0	64	285
NAIC	3	39	180	-	-	-	-	-	0	0
TANZA	1	64	285	1	64	285	-	-	64	285
RIZAL	3	27	108	0	0	0	0	0	0	0
ANTIPOLO CITY	1	4	19	-	-	-	-	-	0	0
RODRIGUEZ (MONTALBAN)	1	5	36	-	-	-	-	-	0	0
SAN MATEO	1	18	53	-	-	-	-	-	0	0
CAR	14	139	617	1	1	7	22	83	23	90
BENGUET	10	41	160	1	1	7	10	43	11	50
BAGUIO CITY	1	1	6	-	-	-	1	6	1	6
BAKUN	3	17	68	-	-	-	6	22	6	22
BUGUIAS	3	8	24	-	-	-	1	3	1	3
ITOGON	2	14	55	-	-	-	2	12	2	12
TUBLAY	1	1	7	1	1	7	-	-	1	7
MOUNTAIN PROVINCE	4	98	457	0	0	0	12	40	12	40
SABANGAN	2	90	430	-	-	-	4	13	4	13
TADIAN	2	8	27	-	-	-	8	27	8	27

Source: DSWD DROMIC Report # 14 on Southwest Monsoon as of 14 August 2017, 6:00 PM

AFFECTED AREAS	
REGIONS	5
PROVINCES	10
CITIES	7
MUNICIPALITIES	32
BARANGAYS	119

**Preparedness Measures and Effects of the Southwest Monsoon enhanced by
TY "GORIO" (I.N. NESAT) and TS "HUANING" (I.N. HAITANG)
25 - 31 July 2017
SUSPENSION OF CLASSES**

PROVINCE / MUNICIPALITY /	LEVEL / SCHOOL	DATE OF SUSPENSION
TOTAL		
NCR		
Caloocan City	All Levels (Public)	27 and 28 July 2017
Malabon City	All Levels	27 and 28 July 2017
Las Piñas City	All Levels	27 and 28 July 2017
Parañaque City	All Levels	27 and 28 July 2017
Pasay City	All Levels	27 and 28 July 2017
Muntinlupa City	All Levels	27 and 28 July 2017
Municipality of Pateros	All Levels	27 and 28 July 2017
Marikina City	All Levels	27 and 28 July 2017
San Juan City	All Levels	27 and 28 July 2017
City of Manila	All Levels	27 and 28 July 2017
Navotas City	All Levels	27 and 28 July 2017
Mandaluyong City	All Levels	27 and 28 July 2017
Valenzuela City	Preschool - Senior High School	27 July 2017
	All Levels	28 July 2017
	Pre-school - Secondary Level	31 July 2017
Quezon City	All Levels	27 and 28 July 2017
Taguig City	Pre-school - Senior High School	27 July 2017
	All levels	28 July 2017 (Morning classes)
Pasig City	All levels	28 July 2017
Makati City	All levels	28 July 2017
REGION I		
ILOCOS NORTE		
Badoc	Elementary to Secondary Level	31 July 2017
ILOCOS SUR		
Caoayan	All levels	28 July 2017
San Esteban	All levels	28 July 2017
Santa	All levels	28 July 2017
Gregorio del Pilar	High School level	28 July 2017
Salcedo	All levels	28 July 2017
Cervantes	Pre-school level	28 July 2017
Sugpos	All levels	28 July 2017
Tagudin	Pre-school to secondary level	28 July 2017
San Emilio	Elementary level	28 July 2017
LA UNION		
Aringay	All levels	28 July 2017
Caba	All levels	28 July 2017
Bauang	All levels	28 July 2017
San Gabriel	San Gabriel Academy	28 July 2017
Balaoan	All levels	28 July 2017
Bangar	All levels	28 July 2017
Luna	All levels	28 July 2017
Bagulin	All levels	28 July 2017
Santo Tomas	All levels	28 July 2017
San Fernando City	Pre-school - Senior High School	28 July 2017
Santol	All levels	28 July 2017
PANGASINAN		
Alaminos City	Elementary - High school level	28 July 2017
Bayambang	Pre-school to elementary level	28 July 2017
Bautista	All levels	28 July 2017

PROVINCE / MUNICIPALITY /	LEVEL / SCHOOL	DATE OF SUSPENSION
Bugallon	All levels	28 July 2017
Mangaldan	Pre-school to elementary level	28 July 2017
Bani	All levels	28 July 2017
Alcala	All levels	28 July 2017
Infanta	All levels	28 July 2017
Agno	All levels	28 July 2017
Mabini	All levels	28 July 2017
Mangatarem	Pre-school to elementary level	28 July 2017
Dasol	All levels	28 July 2017
Anda	All levels	28 July 2017
Aguilar	All levels	28 July 2017
Calasiao	All levels	28 July 2017
Lingayen	Pre-school - Senior High School	28 July 2017
Labrador	All levels	28 July 2017
Binmaley	Pre-school to High School	28 July 2017
REGION III		
PAMPANGA		
Apalit	All levels (Public and Private)	27 and 28 July 2017
Candaba	All levels (Public and Private)	27 and 28 July 2017
City of San Fernando	All levels (Public and Private)	27 and 28 July 2017
Lubao	All levels (Public and Private)	27 and 28 July 2017
San Simon	All levels (Public and Private)	27 and 28 July 2017
Masantol	All levels (Public and Private)	27, 28, and 31 July 2017
Sasmuan	All levels (Public and Private)	27 and 28 July 2017
Mexico	Pre-elementary to High School	27 July 2017
	All levels (Public and Private)	28 July 2017
Guagua	Pre-elementary to High School	27 July 2017
	All levels (Public and Private)	28 July 2017
Bacolor	Pre-elementary to High School	27 July 2017
	All levels (Public and Private)	28 July 2017
Macabebe	All levels (Public and Private)	28 July 2017
Arayat	All levels (Public and Private)	28 July 2017
Floridablanca	All levels (Public and Private)	28 July 2017
Mabalacat City	All levels (Public and Private)	28 July 2017
Magalang	All levels (Public and Private)	28 July 2017
Minalin	All levels (Public and Private)	28 July 2017
Porac	All levels (Public and Private)	28 July 2017
San Luis	All levels (Public and Private)	28 July 2017
Sta. Ana	All levels (Public and Private)	28 July 2017
Sta. Rita	All levels (Public and Private)	28 July 2017
Sto. Tomas	All levels (Public and Private)	28 July 2017
Angeles City	Pre-school - Senior High School	28 July 2017
NUEVA ECIJA		
Talavera	All levels (Public and Private)	28 July 2017
TARLAC		
Capaz	All levels (Public and Private)	28 July 2017
Mayantoc	All levels (Public and Private)	28 July 2017
Tarlac City	All levels (Public and Private)	28 July 2017
Gerona	All levels (Public and Private)	28 July 2017
BATAAN		
Balanga	All levels (Public and Private)	28 July 2017
Abucay	All levels (Public and Private)	28 July 2017
Bagac	All levels (Public and Private)	28 July 2017
Dinalupihan	All levels (Public and Private)	28 July 2017
Hermosa	All levels (Public and Private)	28 July 2017
Limay	All levels (Public and Private)	28 July 2017
Mariveles	All levels (Public and Private)	28 July 2017
Morong	All levels (Public and Private)	28 July 2017
Orani	All levels (Public and Private)	28 July 2017

PROVINCE / MUNICIPALITY /	LEVEL / SCHOOL	DATE OF SUSPENSION
Orion	All levels (Public and Private)	28 July 2017
Pilar	All levels (Public and Private)	28 July 2017
Samal	All levels (Public and Private)	28 July 2017
ZAMBALES		
Olongapo City	All levels (Public and Private)	28 July 2017
Botolan	All levels (Public and Private)	27 and 28 July 2017
Cabanga	All levels (Public and Private)	27 and 28 July 2017
Candelaria	All levels (Public and Private)	27 and 28 July 2017
Castillejos	All levels (Public and Private)	27 and 28 July 2017
Iba	All levels (Public and Private)	27 and 28 July 2017
Masinloc	All levels (Public and Private)	27 and 28 July 2017
Palauig	All levels (Public and Private)	27 and 28 July 2017
San Antonio	All levels (Public and Private)	27 and 28 July 2017
San Felipe	All levels (Public and Private)	27 and 28 July 2017
San Marcelino	All levels (Public and Private)	27 and 28 July 2017
San Narciso	All levels (Public and Private)	27 and 28 July 2017
Santa Cruz	All levels (Public and Private)	27 and 28 July 2017
Subic	All levels (Public and Private)	27 and 28 July 2017
BULACAN		
Obando	All levels (Public and Private)	27 and 28 July 2017
Marilao	All levels (Public and Private)	27 and 28 July 2017
Pulilan	All levels (Public and Private)	27 and 28 July 2017
Hagonoy	All levels (Public and Private)	28 July 2017
City of Malolos	All levels (Public and Private)	28 July 2017
Guiguinto	All levels (Public and Private)	28 July 2017
Paombong	All levels (Public and Private)	28 July 2017
Calumpit	All levels (Public and Private)	28 July 2017
Meycauayan City	All levels (Public and Private)	27 and 28 July 2017
CALABARZON		
CAVITE		
<i>Province-wide</i>	Elementary to Senior High School	02 August 2017
Alfonso	All levels (Public and Private)	26 and 27 July 2017
Amadeo	All levels (Public and Private)	26 and 27 July 2017
Bacoor City	All levels (Public and Private)	26 and 27 July 2017
	Elementary to Senior High School (Private and Public)	02 August 2017
Carmona	All levels (Public and Private)	26 and 27 July 2017
Cavite City	All levels (Public and Private)	26 and 27 July 2017
		03 August 2017
Dasmariñas City	All levels (Public and Private)	26 and 27 July 2017
General Emilio Aguinaldo	All levels (Public and Private)	26 and 27 July 2017
General Mariano Alvarez	All levels (Public and Private)	26 and 27 July 2017
General Trias City	All levels (Public and Private)	26 and 27 July 2017
	Elementary to Senior High School (Private and Public)	02 August 2017
Imus City	All levels (Public and Private)	26 and 27 July 2017
	Elementary to Senior High School (Private and Public)	02 August 2017
Indang	All levels (Public and Private)	26 and 27 July 2017
Kawit	All levels (Public and Private)	26 and 27 July 2017
Magallanes	All levels (Public and Private)	26 and 27 July 2017
Maragondon	All levels (Public and Private)	26 and 27 July 2017
Mendez	All levels (Public and Private)	26 and 27 July 2017
Naic	All levels (Public and Private)	26 and 27 July 2017
Noveleta	All levels (Public and Private)	26 and 27 July 2017
Rosario	All levels (Public and Private)	26 and 27 July 2017
Silang	All levels (Public and Private)	26 and 27 July 2017
Tagaytay City	All levels (Public and Private)	26 and 27 July 2017
Tanza	All levels (Public and Private)	26 and 27 July 2017

PROVINCE / MUNICIPALITY /	LEVEL / SCHOOL	DATE OF SUSPENSION
Ternate	All levels (Public and Private)	26 and 27 July 2017
Trece Martires City	All levels (Public and Private)	26 and 27 July 2017
RIZAL		
Rodriguez	Preschool - Senior High School	26 and 27 July 2017
	All levels (Public and Private)	28 July 2017
San Mateo	Preschool - Elementary	26 July 2017
	Preschool - Senior High School	27 July 2017
	All levels (Public and Private)	28 July 2017
Angono	Preschool - Senior High School	27 and 28 July 2017
		02 and 03 August 2017
Cainta	All Levels	27 July 2017
		02 and 03 August 2017
Antipolo City	All Levels	27 and 28 July 2017
		03 August 2017
	Pre-school to Senior High School (Private and Public)	02 August 2017
Tatay	All Levels	27 and 28 July 2017
		02 August 2017
Jalajala	All Levels	27 July 2017
		02 and 03 August 2017
Pililia	All levels (Public and Private)	28 July 2017
	Pre-school to Senior High School (Private and Public)	03 August 2017
Cardona	All levels (Public and Private)	27 and 28 July 2017
		02 and 03 August 2017
Morong	All levels (Public and Private)	27 and 28 July 2017
		02 and 03 August 2017
Binangonan	All Levels	27 and 28 July 2017
	Pre-school to Senior High School (Private and Public)	02 and 03 August 2017
Baras	Preschool - Senior High School	27 and 28 July 2017
	All levels (Public and Private)	02 and 03 August 2017
Teresa	All Levels (Private and Public)	02 August 2017
	Pre-school to Senior High School (Private and Public)	03 August 2017
Tanay	Pre-school to Senior High School (Private and Public)	02 August 2017
	All Levels (Private and Public)	03 August 2017
LAGUNA		
Province-wide	All levels (Public and Private)	02 August 2017
San Pedro City	All Levels	27 and 28 July 2017
MIMAROPA		
OCCIDENTAL MINDORO		
Abra de Ilog	All Levels	28 July 2017
Mamburao	Preschool - High School	27 July 2017
	All Levels	03 August 2017
Sablayan	Pre-school to Elementary level	03 August 2017
Looc	Pre-school to Senior High School (Private and Public)	03 August 2017
PALAWAN		
Busuanga	Pre-school to Senior High School	03 August 2017
Coron	Pre-school to Senior High School	04 August 2017
Culion	All Levels	04 August 2017
El Nido	Pre-school to Elementary level	04 August 2017
CAR		

PROVINCE / MUNICIPALITY /	LEVEL / SCHOOL	DATE OF SUSPENSION
BENGUET		
Baguio City	Pre-school - Elementary level	28 July 2017
Kibungan	Primary level (Madaymen ES)	28 July 2017
La Trinidad	Pre-school - Elementary level	28 July 2017
Bakun	Pre-school - Elementary level	28 July 2017
Tublay	Primary-secondary level	28 July 2017
Atok	Primary-secondary level	28 July 2017
Bokod	Primary-secondary level	28 July 2017
Mankayan	Primary-secondary level	28 July 2017
Kapangan	Primary-secondary level	28 July 2017
ABRA		
Bangued	All levels	28 July 2017
Boliney	All levels	28 July 2017
Bucay	All levels	28 July 2017
Bucloc	All levels	28 July 2017
Daguioman	All levels	28 July 2017
Danglas	All levels	28 July 2017
Dolores	All levels	28 July 2017
La Paz	All levels	28 July 2017
Lacub	All levels	28 July 2017
Lagangilang	All levels	28 July 2017
Lagayan	All levels	28 July 2017
Langiden	All levels	28 July 2017
Licuan-Baay (Licuan)	All levels	28 July 2017
Luba	All levels	28 July 2017
Malibcong	All levels	28 July 2017
Manabo	All levels	28 July 2017
Peñarrubia	All levels	28 July 2017
Pidigan	All levels	28 July 2017
Pilar	All levels	28 July 2017
Sallapadan	All levels	28 July 2017
San Isidro	All levels	28 July 2017
San Juan	All levels	28 July 2017
San Quintin	All levels	28 July 2017
Tayum	All levels	28 July 2017
Tineg	All levels	28 July 2017
Tubo	All levels	28 July 2017
Villaviciosa	All levels	28 July 2017

Sources: OCD I, III, CALABARZON, MIMAROPA, CAR, and NCR

**Preparedness Measures and Effects of Southwest Monsoon "HABAGAT"
enhanced by Typhoon "GORIO" and Tropical Storm "HUANING"
25 - 31 July 2017
INCIDENTS MONITORED**

City / Municipality / Province	Date of Occurrence	Exact Location	Remarks
GRAND TOTAL	25		
LANDSLIDE INCIDENTS	19		
Region I	4		
Pangasinan	30 July 2017, 8:00 AM	Sitio Baito, Brgy. Poblacion	A landslide incident occurred in Sitio Baito, Brgy. Poblacion, Pangasinan. The landslide was cleared on 31 July 2017, 3:00 PM
	30 July 2017, 8:00 AM	Brgy. Baybay Norte	A landslide incident occurred in Brgy. Baybay Norte, Pangasinan. The landslide was cleared on 31 July 2017, 8:00 AM.
	30 July 2017, 8:00 AM	Brgy. Sioasio West	Landslide was cleared on 31 July 2017, 3:00 PM.
	30 July 2017, 8:00 AM	Sitio Panotmot, Brgy. Pangascasan	Landslide was cleared on 31 July 2017, 11:00 AM.
CALABARZON	1		
Rizal	03 August 2017	Palmera 6, Taytay, Rizal	A landslide incident occurred in Palmera 6, Taytay, Rizal.
MIMAROPA	4		
Palawan	04 August 2017, 7:00 AM	Sitio Banaba, Brgy. Old Busuanga	A landslide incident occurred along National Highway of Sitio Banaba, Brgy. Old Busuanga. No reported affected persons. Roads were passable to all types of vehicles
	04 August 2017, 7:00 AM	Brgy. Osmeña and Brgy. Tiza, Culion	A landslide incident occurred in Brgy. Osmeña and Brgy. Tiza. No reported affected families. Roads were passable to all types of vehicles
	04 August 2017, 7:00 AM	Sitio Palumpong, Brgy. Baldat, Culion	A landslide incident occurred in Sitio Palumpong, Brgy. Baldat. On 05 August 2017, roads were already passable.
	04 August 2017, 7:00 AM	Along National Highway of Sitio Lugadia, Brgy. Corong-Corong, El Nido	A landslide incident occurred along National Highway of Sitio Lugadia, Brgy. Corong-Corong. No reported affected persons. Roads were passable to all types of vehicles
CAR	9		
Baguio City	28 July 2017, 11:30 AM	Camp 5, Kennon Road	A landslide incident occurred in Camp 5, Kennon Road, Baguio City. Landslide was cleared immediately. There are no reported casualties/damages.
Benguet	28 July 2017, 9:30 AM	Acupan Road, Sitio Camp 5, Virac, Itogon	A landslide incident occurred in Acupan Road, Sitio Camp 5, Virac, Itogon, Benguet. Clearing operations was conducted. No reported casualties/damages.
	28 July 2017, 10:30 PM	KM 14, Sto. Tomas Road, Tuba, Benguet	Clearing operations were conducted. There are no reported casualties/damages due to the incident.
	28 July 2017, 5:30 PM	Adwagan, Baguio - Nueva Vizcaya Road, Bokod	Clearing operations were conducted. There are no reported casualties/damages due to the incident.
	28 July 2017, 8:00 PM	Sitio Kayang, Poblacion, Baguias	Clearing operation were conducted.
	02 August 2017, 6:30 AM	Ongasan Alno Provincial Road	A landslide incident occurred in Ongasan Alno Provincial Road, La Trinidad, Benguet.
	02 August 2017	Goldfield, Poblacion	A landslide incident occurred at Goldfield, Poblacion. A total of 12 families evacuated initially in Goldfield Elementary School but stayed with relatives. Further, 12 houses were reported damaged.
	05 August 2017	KM 15, Ambassador, Tublac, Benguet	No reported casualties and affected families. The road was cleared and opened on the same day.
Mt. Province	28 July 2017, 08:30 PM	Sadsadan, Bauko	Clearing operations was conducted. There are no reported casualties/damages due to the incident.

NCR	1		
Quezon City	27 July 2017, 11:30 AM	Beatriz St., Brgy. Silangan	A landslide incident occurred in Beatriz St., Brgy Silangan, Quezon City. No reported casualties and damages.
FLOODING	2		
MIMAROPA	2		
Palawan	03 August 2017, 7:00 PM	Sitio Cayapas, Brgy. Poblacion 6, Coron	A flooding incident was reported in Sitio Cayapas, Brgy. Poblacion 6. A total 21 persons were evacuated and temporarily sheltered to nearby hotel. Flood water has subsided.
	04 August 2017, 7:00 AM	Brgy. Osmeña, Culion	A flooding incident occurred in Brgy. Osmeña. Flood waters were approximately 0.4 meters deep. No reported evacuees. Flood water has subsided.
FLASHFLOOD	2		
Region III	1		
Pampanga	26 July 2017	Brgy. Sto. Rosario, City of San Fernando	A flashflood incident occurred in the vicinity of Brgy. Sto. Rosario, City of San Fernando, Pampanga. The incident resulted to traffic congestion.
CAR	1		
Mt. Province	31 July 2017, 6:30 AM	Masablang, Bantay, Parcelis, Mt. Province	A flashflood incident occurred at Masablang, Bantay. There were no reported casualty.
OVERFLOWED SPILL WAY	2		
MIMAROPA	2		
Palawan	03 August 2017, 2:39 PM	Brgy. San Nicolas, Coron, Palawan	A spillway in Brgy. San Nicolas, Coron, Palawan overflowed due to continuous rains. On 05 August 2017, said affected area is passable.
	03 August 2017, 2:54 PM	Brgy. Borac, Coron, Palawan	A spillway in Brgy. Borac, Coron, Palawan overflowed due to continuous rains. On 05 August 2017, said affected area is passable.

Sources: OCD I, III, CALABARZON, MIMAROPA, CAR, and NCR

**FINAL REPORT re Preparedness Measures and Effects of the Southwest Monsoon enhanced by
TY "GORIO" (I.N. NESAT) and TS "HUANING" (I.N. HAITANG)
25 - 31 July 2017
FLOODED AREAS**

AREA	NO. OF BRGY/AREAS	BARANGAY / AREAS	DEPTH (ft.)	REMARKS
TOTAL	128			
NCR	72			
Manila	6			
	1	R. Papa, Manila	2	Subsided
	1	Taft Avenue-UN Avenue	0.8	Subsided
	1	Taft Avenue-Malvar	0.8	Subsided
	1	Taft Avenue-Quirino	0.6	Subsided
	1	Kalaw/Maria Oros	0.8	Subsided
	1	España (between Maceda and Antipolo)	1.24	Subsided
Malabon	19			
	1	Lambingan/Catmon	0.25	Subsided
	1	MH del Pilar	0.58	Subsided
	1	Camus C. Arellano	0.5	Subsided
	1	Unican Sitio 6	1	Subsided
	1	Ma. Clara, Gov. Pascual	1.33	Subsided
	1	Womans Club Naval	0.83	Subsided
	1	P. Aquino, Tonsuya	1.33	Subsided
	1	San Vicente MH	1.33	Subsided
	1	Rizal Ave. San Agustin	0.25	Subsided
	1	University, Potrero	3	Subsided
	1	Borommeo, Longos	1.25	Subsided
	1	C4-City Square	0.5	Subsided
	1	Letre-Brgy. Tonsuya	0.6	Subsided
	1	North Bay Blvd. South Navotas	0.5	Subsided
	1	M. H. Tatawid, Maysilo	0.3	Subsided
	1	Tonsuya Intersection	0.15	Subsided
	1	Sitio 6, Catmon	0.25	Subsided
	1	Tinajeros	1	Subsided
	1	Pinagsabugan, Longos	1.25	Subsided
Valenzuela	21			
	1	Mc Arthur Highway cor A. Fernando St., Marulas	1	Subsided
	1	Mc Arthur cor Pio Valenzuela, Marulas	1	Subsided
	1	Pio Valenzuel Road, Marulas	1.5	Subsided
	1	McArthur Highway cor A. Mabini Arty, Marulas	1	Subsided
	1	Karuhatan Market	1	Subsided
	1	McArthur Highway cor BPI, Karuhatan	1	Subsided
	1	McArthur Highway cor. G. Lazaro, Karuhatan	1	Subsided
	1	McArthur cor. Malanday Cockpit, Malanday	0.5	Subsided
	1	MH del Pilar cor. Tiwala going to 3S Malanday, Malanday	1	Subsided
	1	Maysan Road cor. CJ Santos, Malinta	0.75	Subsided
	1	Pinalagad, Malinta	0.75	Subsided
	1	MH del Pilar cor. Polo, Malinta	0.5	Subsided
	1	MH del Pilar cor. Lee hongkong, Mabolo	1.5	Subsided
	1	MH del Pilar cor Isla	1.5	Subsided
	1	G. Lazaro Rd., Dalandanan	1	Subsided
	1	McArthur cor. T. Santiago Road, Dalandanan	0.5	Subsided
	1	McArthur Highway cor C. Santiago Road	0.75	Subsided

AREA	NO. OF BRGY/AREAS	BARANGAY / AREAS	DEPTH (ft.)	REMARKS
	1	Plastic City Entrance, Viente Reales	2	Subsided
	1	Laon Area Block 1	2	Subsided
	1	EXPO Maysan Road, Maysan	0.75	Subsided
	1	Paso de blas RD. Shell, Paso de Blas	0.5	Subsided
Makati	6			
	1	Onyx St., Lapaz	0.5	Subsided
	1	Godet St., Lapaz	Gutter level	Subsided
	1	Pasong Tamo dela Rosa, Pio del Pilar	Gutter level	Subsided
	1	Pasong Tamo Javier, Pio del Pilar	Gutter level	Subsided
	1	Estrella-Sampaloc, San Antonio	0.25	Subsided
	1	Lumbayao in Bet, San Antonio	0.25	Subsided
Parañaque City	10			
	1	Bulungan Area, La Huerta	0.6	Subsided
	1	Evacon Greenhills, San Dionisio	1	Subsided
	1	NT Garcia St., San Dionisio	2	Subsided
	1	El Filibusterismo to Bonifacio Street, San Dionisio	2-3	Subsided
	1	Quirino Avenue (San Dionisio)	2	Subsided
	1	Lopez Jaena, San Dionisio	2	Subsided
	1	Quirino Compound (San Dionisio)	3	Subsided
	1	Pascor Drive, Sto. Niño	2	Subsided
	1	Doña Soledad Ave., Moonwalk	1-2	Subsided
	1	San Vicente Ferrer St., San Antonio	2-3	Subsided
Quezon City	10			
	1	Balintawak Cloverleaf, Quezon City	1.5	Subsided
	1	Quezon Ave., Biak na Bata, Quezon City	0.75	Subsided
	1	EDSA Aurora Tunnel	0.75	Subsided
	1	Araneta (E. Rodriguez to Caliraya)	2.5	Subsided
	1	San Pedro St., cor.Dagupan St., Maribio	4	Subsided
	1	Ma. Clara St., Calamba St., Don Jose Retiro, Sto. Domingo	3.2	Subsided
	1	Valencia St., Delmonte	5	Subsided
	1	Alhambra St., West Riverside, Damayan	16.4	Subsided
	1	Gumamela St., Waling-waling St., Roxas	6.5	Subsided
	1	PHILAND, Tandang Sora	9.8	Subsided
REGION I	13			
Pangasinan	13			
Dagupan City	9			
	1	Poblacion Oeste, Sitio Careenan, Sitio Careenan	0.6	Water subsided on 31 July 2017, 2:50 PM
	1	Pantal, Sitio Moyrong, Sitio Patalan	1	Water subsided on 01 August 2017, 1:00 PM
	1	Lucao, Eagle Radio St.	0.5	Water subsided on 01 August 2017, 1:00 PM
		Lucao, Dona Rosa St.	1	
	1	Lucao, Sitio Sapitan	1	
	1	Malued, Sitio Fisheries	2	Water subsided on 01 August 2017, 9:00 AM
	1	Balabaw	1	Water subsided as of 01 August 2017, 9:00 AM
	1	Amianan	1	Water subsided as of 01 August 2017, 9:00 AM
	1	Baybay	1	Water subsided as of 01 August 2017, 9:00 AM
	1	Bonuan Gueset, Tondaligan Beach	0.4	Water subsided

AREA	NO. OF BRGY/AREAS	BARANGAY / AREAS	DEPTH (ft.)	REMARKS
Dasol	1			
	1	Tambac	2	Subsidied
Calasiao	3			
	1	Sitio Binco, Talibew	30 July 2017, 2:00 PM	Subsidied
	1	Sitio Tebron, Mancup	30 July 2017, 2:00 PM	Subsidied
	1	Sitio Kasintak, Longos	30 July 2017, 2:00 PM	Subsidied
REGION III	43			
BULACAN	20			
Balagtas	2			
	1	Panginay	2	Subsidied
	1	San Juan	2	Subsidied
Marilao	7			
	1	Tabing Ilog	2	Subsidied
	1	Nagbalon	1	Subsidied
	1	Poblacion 1	1	Subsidied
	1	Brgy. Ibayo Tres Picos	1	Subsidied
	1	SM Marilao	2	Subsidied
	1	Constantino Subd. Phase 1 and 2 (Poblacion 2)	2	Subsidied
	1	Lias Crossing	1.5	Subsidied
Meycauayan	11			
	1	Soriente T. Tugatog	2	Subsidied
	1	Brgy. Banga	1	Subsidied
	1	Malhakan Bagong Silang (Commercial Complex)	2.8	Subsidied
	1	Calvario Bisita	2	Subsidied
	1	Saluysoy	3	Subsidied
	1	Brgy. Poblacion	2	Subsidied
	1	Brgy. Bayugo Gasak Road	4	Subsidied
	1	Lawa Daungan Road	1	Subsidied
	1	McArthur Highway along Banga and Bancal	0.5	Subsidied
	1	Brgy. Gasak to Bayungo	2.5	Subsidied
	1	Bancal	1	Subsidied
PAMPANGA	23			
Apalit	2			
	1	Colgante	2	Subsidied
	1	Paligui	2	Subsidied
Macabebe	11			
	1	Candelaria	2	Subsidied
	1	San Francisco (Purok 5)	2	Subsidied
	1	Sta. Cruz (Purok Centro)	2	Subsidied
	1	Mataguiti	2	Subsidied
	1	Sto. Nino (Purok 1, 2, 3, 4)	2.5	Subsidied
	1	Tacasán (Purok 3, 5, 6)	3	Subsidied
	1	Caduang Tete, Sitio Nabong, Sitio Champaca, Sitio Hertrudes	1	Subsidied
	1	Dalayap (Purok 1, 2, 3)	1	Subsidied
	1	Sta. Lutgarda (Purok 5)	1.5	Subsidied
	1	Telacsan	1.5	Subsidied
	1	San Rafael	1.5	Subsidied
Masantol	10			
	1	Nigui	1	Subsidied
	1	Segrada	1	Subsidied
	1	Alauli	1	Subsidied
	1	Sapang Kawayan	1	Subsidied
	1	Bagang	1.5	Subsidied
	1	Bebe Anac, Sitio Dalakitan, Sitio Putat, Sitio Pandosena	1	Subsidied
	1	Sto. Nino	1.5	Subsidied
	1	Sta. Lucia Wakas	1	Subsidied
	1	Paguiaba	1.5	Subsidied
	1	Balibago	1.5	Subsidied

Source: OCD I, III, and NCR

**FINAL REPORT re Preparedness Measures and Effects of
Southwest Monsoon enhanced by TY "GORIO" and TS "HUANING"
25 - 31 July 2017
ROADS AND BRIDGES**

REGION / DEO	AREA	REMARKS
REGION I		
<i>2nd District Ilocos Sur</i>	Atbay Bridge along Sta. Lucia-Salcedo Road	Passable. Closed to traffic due to washed out detour of Atabay Bridge. Warning signs and barricades were installed.
	Tagudin-Cervantes Road K0364+000	Roads are already passable.
	Jct. Santiago-Banayoyo-Lidlidda-San Emilio Road, Km 359+100	Roads are already passable.
<i>1st District Ilocos Norte</i>	Ilocos Norte-Apayao Road, K0493 + 400 - (Brgy. 21 San Marcos, Parang, Sarrat, Ilocos Norte)	Passable. Clearing operations for minor slides was conducted
<i>1st District La Union</i>	Luna-Bangar Road (K0306 to K0307+100)	Roads are already passable.
REGION III		
-	Candaba San Miguel Road	Closed to traffic due to detour road washed out by strong current along the creek.
CAR		
<i>Ifugao 1st DEO</i>	Kiangan-Tinoc-Buguias Bdry. Road, K0357 + 750, Ap-apid Tinoc Section	One lane was reported passable due to Soil Collapse. Coordinated with contractor was conducted for immediate clearing operations.
<i>Ifugao 2nd DEO</i>	Banaue-Mayoyao-Aguinaldo-Alfonso Lista-Isabela Bdry. Road, K0358+960	Closed to traffic due to slide. DPWH conducted clearing operations.
Lower Kalinga DEO	Tabuk-Banaue via Tanudan-Barlig Road, S00583LZ, K0543+600 – K0543+800, Dumanay Section, Tanudan	Closed to traffic due to slide
<i>Benguet 1st DEO</i>	Benguet-Nueva Vizcaya Road, K0314+700-K0314+740, Sitio Pakak, Brgy. Pito, Bokod Benguet	Closed to traffic due to slide. Passable as of 28 July 2017

REGION / DEO	AREA	REMARKS
<i>Benguet 1st DEO</i>	Benguet-Nueva Vizcaya Road, K0284+100, Ambuclao Road	Closed to traffic due to rockslide. Passable as of 29 July 2017
<i>Benguet 2nd DEO</i>	Acop-Kapangan-Kibungan-Bakun Road, K0330+800, Tabbac, Kibungan	Closed to traffic due to slide Clearing operations by privately owned equipment were conducted.
	Acop-Kapangan-Kibungan-Bakun Road K0342+900, Liwang Section, Bakun	Closed to traffic due to slide. Clearing operations by LGU Kibungan payloador was conducted.
	Acop-Kapangan-Kibungan-Bakun Road, K0310+000, Poblacion, Kibungan	Closed to traffic due to slide. Passable on 28 July 2017
	Acop-Kapangan-Kibungan-Bakun Road, K0314+650, K0315+300, K0315+500, Poblacion, Kibungan	Closed to traffic due to slide.
	Acop-Kapangan-Kibungan-Bakun Road, K0309+400, Poblacion, Kibungan	Closed to traffic due to slide. Passable on 28 July 2017
-	Baguio – Bauang Road	Passable. Repair of electric post was conducted and installed warning signs and barricades.

Sources: OCDROs I, III, and CAR

**FINAL REPORT re Preparedness and Effects of Southwest Monsoon
enhanced by TY "GORIO" and TS "HUANING"
25 - 31 July 2017
POWER SUPPLY**

AREAS	DATE / TIME OF POWER INTERRUPTION / OUTAGE	REMARKS / DATE RESTORED
REGION I		
ILOCOS NORTE		
Paoay	30 July 2017, 04:00 PM	02 August 2017
Pagudpud	31 July 2017, 06:24 AM	02 August 2017
Currimao	29 July 2017, 8:00 PM	02 August 2017, 10:00 AM
Adams	29 July 2017, 9:00 AM	-
Marcos	30 July 2017, 2:00 PM	30 July 2017, 4:00 PM
Bangui	30 July 2017, 7:00 AM	Power restored
Bacarra	30 July 2017, 8:30 AM and 31 July 2017, 9:00 AM	02 August 2017, 10:00 AM
Pagudpud	31 July 2017, 06:24 AM	Power restored
Dumalneg	30 July 2017, 08:30 AM	02 August 2017, 10:00 AM
Pasuquin	30 July 2017, 4:00 AM	31 July 2017, 9:00 AM
Laoag City	30 July 2017, 9:30 AM	02 August 2017, 10:00 AM
Badoc	30 July 2017, 9:30 AM	02 August 2017, 10:00 AM
Banna	30 July 2017, 9:30 AM	30 July 2017, 10:00 AM
Dingras	30 July 2017, 2:00 PM	30 July 2017, 4:00 PM
LA UNION		
Bacnotan	29 July 2017, 2:30 PM	30 July 2017, 10:00 PM
Bangar	29 July 2017, 3:40 PM	29 July 2017, 8:02 PM
Sudipen	29 July 2017, 2:00 PM	31 July 2017
San Gabriel	29 July 2017, 2:00 PM	29 July 2017, 6:30 PM
Tubao	28 July 2017	30 July 2017
San Fernando City (<i>Brgys. Nagyubuyuban and Baraoas</i>)	5:00 PM and 7:00 PM, 29 July 2017	29 July, 6:30 AM and 30 July 2017
PANGASINAN		
Poblacion	27 July 2017, 2:00 PM	28 July 2017, 3:00 PM
Bayambang	27 July 2017, 2:00 PM	28 July 2017, 3:00 PM
Cato	27 July 2017, 2:00 PM	28 July 2017, 3:00 PM
CAR		
ABRA		
Boliney	30 July 2017, 11:00 AM	Restoration was conducted
Luba	30 July 2017, 11:00 AM	Restoration was conducted
Sallapadan	30 July 2017, 11:00 AM	Restoration was conducted
San Quintin	30 July 2017, 11:00 AM	Restoration was conducted
Pidigan	30 July 2017, 11:00 AM	31 July 2017
Tubo	30 July 2017, 11:00 AM	31 July 2017
Langiden	30 July 2017, 11:00 AM	31 July 2017
San Isidro	30 July 2017, 11:00 AM	31 July 2017
Bagued	30 July 2017, 11:00 AM	31 July 2017
Peñarrubia	30 July 2017, 11:00 AM	31 July 2017

APAYAO		
Flora	29 July 2017, 7:00 PM	29 July 2017, 9:44 PM
Luna	29 July 2017, 7:00 PM	29 July 2017, 9:44 PM
Sta. Marcela	29 July 2017, 7:00 PM	29 July 2017, 9:44 PM
Pudtol	29 July 2017, 7:00 PM	29 July 2017, 9:44 PM
Calanasan	29 July 2017, 7:00 PM	29 July 2017, 9:44 PM
Apayao	29 July 2017, 7:00 PM	29 July 2017, 9:44 PM
BENGUET		
Binga-Tinungdan	31 July 2017	01 August 2017
Tapsan 6	31 July 2017	01 August 2017
Ampucao	31 July 2017	01 August 2017
Itogon	31 July 2017	01 August 2017
Kabayan	-	29 July 2017, 6:00 PM
Poblacion, Tuba	29 July 2017, 3:30 PM	Power restored
Baguias	29 July 2017, 3:00 AM	Power restored
BAGUIO CITY		
San Carlos Heights and Irisan	30 July 2017	Restoration was conducted
Parts of BGH Compound and Marcos Highway. Mines View, Tuding, Ucab, Gibraltar, and Wright Park	30 July 2017	31 July 2017
Kias and PMA Fort del Pilar	30 July 2017	31 July 2017
Palma-Urbano, Queen of Peace, and Lower Lourdes	30 July 2017	31 July 2017
San Luis Village	30 July 2017	31 July 2017
First Road Quezon Hill	30 July 2017	31 July 2017
IFUGAO		
Hingyon	31 July 2017	31 July 2017
MT. PROVINCE		
Paracelis	31 July 2017	01 August 2017

Sources: OCDRO I and CAR

**Final Report re Preparedness Measures and Effects for Southwest Monsoon
enhanced by TY "GORIO" and TS "HUANING"
25 - 31 July 2017
DAMAGED HOUSES**

REGION / PROVINCE / MUNICIPALITY	NO. OF DAMAGED HOUSES		
	TOTALLY	PARTIALLY	TOTAL
<u>GRAND TOTAL</u>	<u>71</u>	<u>263</u>	<u>334</u>
REGION I	38	177	215
Ilocos Norte	0	26	26
Batac City	-	11	11
Pasauquin	-	15	15
Ilocos Sur	3	109	112
Banayoyo	-	4	4
Cabugao	-	4	4
Candon City	1	-	1
Caoayan	1	-	1
San Esteban	-	100	100
San Juan	1	1	2
La Union	35	42	77
Aringay	1	-	1
Bacnoyan	18	26	44
Bagulin	-	2	2
Balaoan	-	1	1
Bauang	5	1	6
Naguilian	1	1	2
City of San Fernando	10	10	20
San Gabriel	-	1	1
CALABARZON	32	82	114
Cavite	32	82	114
Naic	31	69	100
Tanza	1	13	14
CAR	1	4	5
Benguet	1	2	3
Baguio City	-	1	1
Bakun	1	-	1
Buguias	-	1	1
Mt. Province	0	2	2
Sabangan	-	2	2

Source: DSWD DROMIC Report # 14 pm the Effects of SW Monsoon as of 14 August 2017, 6:00 PM

**FINAL REPORT re Preparedness and Effects of Southwest Monsoon
enhanced by TY "GORIO" and TS "HUANING"
25 - 31 July 2017
COST OF DAMAGES**

Region / Province	AGRICULTURE						INFRASTRUCTURE		TOTAL COST(Agriculture + Infrastructure)	
	CROPS (Rice, Corn)		HVCC		LIVESTOCKS	FISHERIES	IRRIGATION	ROADS/BRIDGES/OTHER STRUCTURES / FISHERIES		SCHOOLS
	Type of Crops / Livestock	Estimated Peso Value	Type of HVCC	Estimated Peso Value	Estimated Peso Value	Estimated Peso Value	Estimated Peso Value			
GRAND TOTAL	56,949,020.15						5,834,797.74		₱62,783,817.89	
SUB-TOTAL	25,841,346.28		30,482,903.87		313,700.00	311,070.00	0.00	5,834,797.74	0.00	
REGION I	13,057,578.91		4,074,316.35		47,900.00	0.00	0.00	5,834,797.74	0.00	
ILOCOS NORTE	rice	3,528,167.80	-	514,664.35				10,000.00	4,052,832.15	
	corn	-	-	-				970,000.00	970,000.00	
ILOCOS SUR	rice	7,549,751.41	-	2,283,152.00	47,900.00			2,911,500.00	12,792,303.41	
	corn	-	-	-				-	0.00	
LA UNION	rice	1,965,059.40	-	1,276,500.00				1,943,297.74	5,184,857.14	
	corn	-	-	-				-	0.00	
PANGASINAN	rice	14,600.30	-	-				-	14,600.30	
	corn	-	-	-				-	0.00	
CAR	12,783,767.37		26,408,587.52		265,800.00	311,070.00	0.00	0.00	0.00	
ABRA	rice	-	-	-	120,000.00	233,760.00		-	353,760.00	
	corn	9,345,000.00	-	-				-	9,345,000.00	
BENGUET	rice	35,367.37	-	26,408,587.52	46,300.00	5,130.00		-	26,495,384.89	
	corn	-	-	-		24,730.00		-	24,730.00	
IFUGAO	rice	-	-	-				-	0.00	
	corn	3,403,400.00	-	-				-	3,403,400.00	
KALINGA	rice	-	-	-				-	0.00	
	corn	-	-	-				-	0.00	
MT. PROVINCE	rice	-	-	-	99,500.00	47,450.00		-	146,950.00	
	corn	-	-	-				-	0.00	

Source: OCD I, CAR, DA-CAR, and BFAR-CAR

**Final Report re Preparedness Measures and Effects of Southwest Monsoon enhanced
by TY "GORIO" and TS "HUANING"**

25 – 31 July 2017

DISASTER PREPAREDNESS

A. National Disaster Risk Reduction and Management Council

1. NDRRM Operations Center (NDRRMOC)

- a. In view of the effects of Southwest Monsoon enhanced by TY "GORIO" and TS "HUANING" the alert status at the NDRRM Operations Center remained in BLUE Alert to continuously monitor and ensure dissemination of Weather Advisories, 24-hour Public Weather Forecasts, General Flood Advisories, and Severe Weather Bulletins to all concerned RDRRMCs/OCROs through SMS, facsimile, and official social media websites for further dissemination to its respective Local Disaster Risk Reduction and Management Councils (LDRRMCs).

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

- a. Disseminated Weather Forecasts, General Flood Advisories, and Severe Weather Bulletins.
b. Issued Hydrological Situationer for Pasig-Marikina River Basin on 27 July 2017, 1:00 PM.

3. Department of Social Welfare and Development (DSWD)

- a. Raised Alert Status to BLUE effective 26 July 2017, 5:00 PM.
b. Placed all Quick Response Teams (QRTs) on standby.
c. DSWD Central Office, National Resource Operations Center (NROC), and Field Office (FOs) have a total stockpiles and standby funds amounting **₱1,410,964,253.85**, with breakdown as follows:

Stockpiles:

A total of **478,840 Family Food Packs (FFPs)** amounting to **₱164,653,532.19** and available **Food and Non-food Items (FNIs)** amounting to **₱445,220,139.60**.

Standby Funds:

A total of **₱801,090,582.06** standby funds in the CO and FOs. Of the said amount, **₱755,263,875.45** is the available Quick Response Fund in the CO.

FIELD OFFICE	STANDBY FUNDS	STOCKPILE					TOTAL STANDBY FUNDS AND STOCKPILE
		Family Food Packs		Food	Non-Food	Sub-Total (Food and FNIs)	
		Quantity	Total Cost				
TOTAL	801,090,582.06	478,840	164,653,532.19	117,947,948.80	327,272,190.80	445,220,139.60	1,410,964,253.85
CO*	755,263,875.45	-	-	-	-	-	755,263,875.45
NROC	-	121,652	41,597,684.88	11,761,194.63	41,564,477.84	53,325,672.47	94,923,357.35
NCR	3,021,659.00	11,853	3,858,672.00	3,547,211.95	2,216,780.00	5,763,991.95	12,644,322.95
CAR	3,249,542.66	16,173	6,270,183.15	637,440.50	22,191,542.00	22,828,982.50	32,348,708.31
I	3,020,000.00	27,156	10,320,197.75	308,562.50	18,554,487.67	18,863,050.17	32,203,247.92
II	3,000,000.00	15,764	5,517,400.00	534,077.20	3,807,515.32	4,341,592.52	12,858,992.52
III	1,280,664.90	11,569	4,037,815.54	1,569,292.05	11,312,554.42	12,881,846.47	18,200,326.91
CALABARZON	3,694,490.79	31,074	10,186,525.00	3,647,961.28	5,426,037.93	9,073,999.21	22,955,015.00
MIMAROPA	1,300,408.54	19,348	7,107,194.00	6,708,843.00	879,135.76	7,587,978.76	15,995,581.30
V	3,274,200.00	30,177	12,037,654.00	2,307,399.60	32,974,783.78	35,282,183.38	50,594,037.38
VI	3,000,000.00	3,872	1,482,244.00	25,061,255.00	2,348,737.45	27,409,992.45	31,892,236.45
NIR	1,776,000.00	27,160	7,368,864.94	618,283.80	5,739,707.79	6,357,991.59	15,502,856.53
VII	2,965,242.28	53,111	19,119,960.00	30,332,960.03	41,190,749.50	71,523,709.53	93,608,911.81

VIII	3,000,000.00	13,068	3,685,184.00	17,586,179.91	124,271,773.33	141,857,953.24	148,543,137.24
IX	2,276,998.44	16,144	5,811,840.00	489,947.50	2,037,602.10	2,527,549.60	10,616,388.04
X	3,000,000.00	12,042	4,320,080.04	3,006,583.00	797,406.00	3,803,989.00	11,124,069.04
XI	3,000,000.00	31,745	10,524,673.81	1,861,322.97	5,273,016.18	7,134,339.15	20,659,012.96
XII	1,967,500.00	17,581	6,329,160.00	5,519,035.00	3,821,721.67	9,340,756.67	17,637,416.67
CARAGA	3,000,000.00	19,351	5,078,199.08	2,450,398.88	2,864,162.06	5,314,560.94	13,392,760.02

- d. Placed DSWD Rapid Emergency Telecommunications Teams (RETTs) on standby and ready for mobilization and deployment.
- e. Placed the Disaster Response Operations Monitoring and Information Center (DROMIC) of the DSWD Disaster Response Assistance and Management Bureau (DReAMB) on 24/7 alert status and monitored weather updates. Furthermore, updated the status of stockpiles and standby funds.
- f. Coordinated with FOs of NCR, I, III, and CALABARZON for significant reports on assistance and relief efforts.
- g. Coordinated with FO IV-A for data validation of the actual number of Evacuation Centers opened Rizal.

4. Department of Health (DOH)

- a. Raised Code White Alert.
- b. Disseminated weather alert memorandum to all Regions.
- c. Monitored weather disturbance and conducted necessary coordination.
- d. Issued Flooding Advisory to all DOH Regional offices and hospitals.

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

- RDRRMCs II, III, CALABARZON, MIMAROPA, V, VI, VIII, NCR, and CAR disseminated weather advisories/bulletins to RDRRMC member-agencies, P/C/MDRRMCs, and local media (radio stations) through SMS, 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 their respective AORs.

REGIONS	ALERT STATUS
REGION I	RED
REGION II	BLUE
REGION III	BLUE
CALABARZON	RED
CAR	BLUE
NCR	BLUE

1. REGION I

Office of Civil Defense (OCD) I

- a. Conducted Pre-Disaster Risk Assessment (PDRA) Meeting on 28 July 2017, 1:00 PM.
- b. Disseminated Memorandum No. 064 re notice of activation to Blue Alert Status and submission of situational reports re STS "GORIO".
- c. Disseminated Memorandum No. 065 re conduct of PDRA meeting for STS "GORIO".
- d. Raised its alert status from BLUE to RED.

- e. Disseminated Memorandum No. 066 re the RDRRMOC Alert Status.

Department of Social Welfare and Development (DSWD) I

- a. Prepositioned the following relief goods in strategic locations:

AREA	NO. OF STOCKPILE	AMOUNT (₱)
Burgos, Ilocos Norte	1,000	399,080.00
San Nicolas, Ilocos Norte	2,000	698,000.00
Solsona, Ilocos Norte	600	239,448.00
Caoayan, Ilocos Sur	478	190,760.24
Cervantes, Ilocos Sur	1,000	349,000.00
Santa, Ilocos Sur	765	305,296.20
Bauang, La Union	5,857	2,044,093.00
Alaminos City, Pangasinan	6,400	2,554,112.00
Bolinao, Pangasinan	2,000	798,160.00
Manaoag, Pangasinan	858	290,225.65
Rosales, Pangasinan	974	388,703.92
Sta. Barbara, Pangasinan	5,963	2,351,736.07
Urbiztondo, Pangasinan	2,840	960,653.67
TOTAL	30,735	11,569,268.75

Department of Health (DOH) I

- a. Raised Code Blue Alert Status
 b. Prepositioned drugs and medicines worth **₱2,405,176.13**
 c. Coordinated with Provincial DOH Hospitals (PDOHOs), and DOH retained hospitals to monitor its AOR.
 d. Prepositioned drugs and medicines to the PDOHOs:

PROVINCE	ITEMS	AMOUNT
Ilocos Sur	Assorted drugs, medicines, and Logistics	₱294,288.17
Ilocos Norte		₱596,235.57
Pangasinan		₱811,624.11
La Union		₱703,028.28
Total		₱2,405,176.13

- e. Has stockpile of assorted drugs and medicines:

PARTICULAR	Amount
Warehouse (General Supply)	₱11,100,908.04

Bureau of Fire (BFP) I

- a. Prepositioned personnel and response assets.

PDRRMC Ilocos Norte

- a. Advised all C/MDRRMCs to be on Blue Alert Status and closely monitor PAGASA weather bulletin/advisories.
 b. Alerted and placed on standby all response agencies for possible deployment and response operations.
 c. Placed assets and equipment from DPWH and PEO, relief goods and ECs from PSWDO, and medicines and health emergency management group from PHO.
 d. Advised/informed/warned all concerned DRRMO and fishermen with small sea crafts not to venture into sea

PDRRMC Ilocos Sur

- a. Disseminated PAGASA weather updates to LDRRMOs through SMS.
- b. Placed all equipment and responders on standby for possible deployment.
- c. Enforced timely and accurate situational reports from LDRRMOs.

PDRRMC La Union

- a. Issued memorandum raising alert status to RED on 28 July 2017 and conducted Emergency Response Preparedness meeting with the Federation of La Union DRRMO (FLUDRMO) on 28 July 2017.
- b. Assisted the evacuation in Brgy. San Agustin, City of San Fernando, Sitio Bagbag, Brgy. Paraoir, Balaoan, and Brgy. Quirino, Bacnotan in La Union

PDRRMC Pangasinan

- a. Monitored and disseminated PAGASA Weather Updates
- b. Monitored water levels of San Roque Dam and Agno River Basin.
- c. Issued memorandum to lower DRRMOs in the Province of Pangasinan to implement preparedness plan and undertake all precautionary measures, be ready with Rescue and Emergency Response Units and warn the residents living in landslide/flood-prone areas to evacuate to safer grounds when necessary.
- d. Disseminated information on preparedness and advisories through Tri-Media and social media accounts.
- e. Prepositioned rescue boats in hazard-prone municipalities (San Fabian, Bani, Dasol, Mangatarem, Calasiao, and Mabini).

MDRRMC Paoay, Ilocos Norte

- a. Prepositioned heavy equipment at the municipality.
- b. Advised all Punong Barangays to activate respective BDRRMC.

MDRRMC Vintar, Ilocos Norte

- a. Conducted roving operation and ocular inspection around the municipality to assess and attend the needs of every barangay.
- b. Placed Vintar Search & Rescue Group (VSARG) and Vintar Incident Response and Management (VIRM) team together with municipal employees on active duty at the Operations Center.
- c. Placed all municipal vehicles and heavy equipment on standby at the Operations Center for preparedness and response measures.

MDRRMCs San Gabriel and Naguilan, La Union

- a. Activated Operations Center.
- b. Placed equipment and asset on standby for possible deployment.
- c. Coordinated with different agencies, City Engineering Office, and PDRRMO La Union.
- d. Coordinated with Barangay Captain to activate its BDRRMCs and raise alert status.

CDRRMC San Fernando City (La Union)

- a. Activated Operations Center and placed equipment and asset on standby for possible deployment.
- b. Coordinated with different agencies, City Engineering Office, and PDRRMO La Union.

CDRRMC Alaminos, Pangasinan

- a. Suspended trips to Hundred Islands National Park for small boat per advised by PCG Alaminos Sub Station on 28 July 2017.

CDRRMC Dagupan, Pangasinan

- a. Coordinated with CDRRMC partner agencies, NGOs, and BDRRMCs

2. REGION II

OCD II

- a. Raised alert status to BLUE effective 26 July 2017.
- b. Conducted PDRA Meeting on 27 July 2017, 2:00 PM.
- c. Coordinated with RDRRMC member agencies and P/C/MDRRMCs on TY "GORIO".

Department of Science and Technology (DOST) II

- a. Provided updates to LGUs and uploaded the same on official website and social media account.

Bureau of Fire Protection (BFP) II

- a. Directed all operating units to undertake proactive steps in partnership and coordination with the C/MDRRMCs concerned, AFP, PNP, LGUs, and other stakeholders relevant to delivery of fire safety, rescue/emergency activities, medical assistance, and other disaster related operations.
- b. Directed all officers and key personnel to closely monitor AOR and be on standby.
- c. Ensured availability of response/rescue teams and assets for possible deployment.

PCG Coast Guard Northeastern Luzon

- a. Placed Quick Response Teams, Search and Rescue (SAR) unit/vessels and other response units/teams on standby for possible deployment.
- b. Strictly implemented Guidelines on the Movement of Vessels during heavy weather and other PCG rules and regulations.

Philippine Information Agency (PIA) II

- a. Disseminated bulletins, advisories, and updates thru SMS regarding STS "GORIO" to all local media outlet and information officers.

Police Regional Office (PRO) II

- a. Ensured the availability of search and rescue assets and personnel.
- b. Alerted all Police Provincial Office down to its lower units and continuous monitoring of situation in respective AORs.
- c. Advised fishermen using fishing boats and other small sea crafts not to venture out into the seaboard due to the weather disturbance.

PDRRMCs Isabela, Batanes, Quirino, and Nueva Vizcaya

- a. Monitored the situation and disseminated weather bulletins/advisories in respective AOR.

PDRRMC Cagayan

- a. Raised alert status to BLUE.
- b. Conducted inventory of assets and monitored water level of Tuguegarao Gauging Station, Buntun Bridge, Isabela, Quirino province tributaries and upper main Cagayan River including all tributaries in the province.

3. REGION III

OCD III

- a. Raised alert status to BLUE on 25 July 2017, 5:00 PM.
- b. Conducted PDRA Meeting on 25 July 2017, 2:00 PM with the RDRRMC III Core Group re preparedness measures for TS "GORIO".
- c. Reminded all member agencies to do necessary actions in preparation for the possible effects of TS "GORIO".
- d. Advised PDRRMO Bulacan to closely monitor the Ipo Dam as it may conduct spilling operation in the event that the dam reaches 101.50m.

Department of the Interior and Local Government (DILG) III

- a. Issued advisories to all Field Offices to continuously monitor the weather situation within AOR.
- b. Reactivated DILG Aurora Operations Center to ensure close monitoring and proper coordination and dissemination of advisory thru SMS and phone calls to BDRRMCs.
- c. LGUs with coastal barangays issued sailing prohibitions, raised gale warning flags, and alerted the residents at the high-risk areas on the possible flood and storm surge.
- d. Advised LCEs and LDRRMOs of the weather disturbance and alerted rescue/response teams for possible deployment.
- e. Disseminated weather advisories and closely coordinated with P/M/CDRRMOs for an intensified preparedness monitoring and appropriate actions to be undertaken on the possible effects of TY "GORIO".
- f. Reviewed critical requirement in the Operation LISTO Manual.
- g. Prepositioned assets for possible response operations.
- h. Informed 17 barangays on the updates regarding TY "GORIO", activated C/BDRRMCs and placed City Rescue and Relief Operation on standby.
- i. Conducted a meeting re TY "GORIO" and monitored the water level of the Abacan River and advised BDRRMCs to take precautionary measures for possible flashfloods and erosions.

DSWD III

- a. Made available a total of 22,000 FFPs prepositioned in DSWD III warehouse.
- b. Prepositioned 428 FFPs in Bataan and 2,133 FFPs in Zambales.
- c. Coordinated with the DSWD Provincial Extension Office to validate the report and assess the current needs of the affected families.

BFP III

- a. Raised alert status to RED.
- b. Activated OPLAN PAGHALASA and OPLAN LISTO.
- c. Alerted all BFP Stations for possible rescue and response activities.
- d. Conducted roving within AOR.

DENR-Mines and Geosciences Bureau (MGB) III

- a. Issued Landslide Advisory to the provinces of Bataan and Zambales on 25 July 2017 re prevailing weather system.

PDRRMC Bataan

- a. Disseminated Weather Bulletins and General Flood Advisories to all Bataan DRRMs and PDRRMC Member Agencies thru social media, SMS, and radios.

- b. Positioned all resources and response teams.
- c. Advised all DRRM and concerned agencies to report any eventuality.
- d. Monitored critical areas susceptible to flooding and landslide in respective AORs.
- e. Advised to conduct pre-emptive evacuation if necessary.

PDRRMC Bulacan

- a. Continuous monitoring of water level of dams, rain gauges and water level stations.
- b. Coordinated with C/MDRRMCs, member agencies and rescue teams regarding situation in their AORs.
- c. Disseminated PAGASA weather updates and status of Ipo, Angat, and Bustos Dam thru SMS and Group Chat to all C/MDRRMOs, member agencies, NGOs, GAs, and other partners.
- d. Monitored situation thru radio, TV, fax, telephone, mobile messages and social media.

PDRRMC Pampanga

- a. Activated Operations Center and placed Disaster Response Equipment and personnel on standby for possible deployment.
- b. Monitored municipalities with reported flooded barangays.
- c. Coordinated with C/MDRRMOs and advised the coastal areas for possible increase of water level and possible landslide and flashfloods.

PDRRMC Tarlac

- a. Raised alert status on 26 July 2017 to closely monitor the situation in coordination with OCD III, LDRRMCs, and other partner agencies.
- b. Conducted Province-wide Flood Control Structure Water Level Monitoring with the 31st Mechanized Company, AFP with 10 uniformed personnel and one (1) unit KM 450 Truck on 27 July 2017.
- c. Coordinated with NIA for the appropriate action on the situation of the NIA irrigation gate.

CDRRMC San Fernando City (Pampanga)

- a. Conducted Clearing operations in Garbes Creek, Sta. Teresita-Baritan Creek Project, and Clearing and Declogging at Ponduan.
- b. Alerted responders and volunteers on possible deployment.
- c. Positioned goods and resources.
- d. Disseminated weather advisories/bulletins to C/BDRRMC members.
- e. Monitored Automated Weather station and Automated Rain Gauges.

4. CALABARZON

OCD CALABARZON

- a. On Blue Alert on 26 July 2017 and raised it to Red Alert on 27 July 2017.
- b. Conducted Emergency Response Preparedness (ERP) meeting on 26 July 2017 at OCD CALABARZON Training facility with RDRRMC CALABARZON Core Group and CALABARZON PDRRMCs.

DILG CALABARZON

- a. Monitored the effects of heavy rains.
- b. Alerted all Local Government Operations Officers to ensure the preparedness of LGUs were undertaken.

DSWD CALABARZON

- a. Informed members of response cluster to be on standby and ready for mobilization in case TS “GORIO” will affect the region.
- b. Activated the Disaster Management Unit (DMU) to monitor possible effects of TS “GORIO”.
- c. Advised all SWAD Teams R/PQRTs to be on standby for possible activation.
- d. Alerted OCD CALABARZON to provide logistical requirement should there be needs to augmentation of FNIs in Tanza, Cavite and in the municipalities of Rodriguez and San Mateo, Rizal.

Coast Guard District (CGD) Southern Tagalog

- a. Advised all Coast Guard Stations (CGS) and sub-stations (CGSS) to ensure strict implementation of Guidelines on the Movement of Vessels during heavy weather.
- b. Placed Deployable Response Groups (DRGs) and SAR assets on standby.
- c. Monitored the maritime situation and averted maritime emergencies/incidents.
- d. Coordinated with coastal barangays and LDRRMOs.

DENR-Mines and Geosciences Bureau (MGB)

- a. Issued advisories to LGUs that were identified as landslide and flood-prone areas.

Department of Health (DOH) CALABARZON

- a. Alerted all personnel to closely monitor weather conditions and any untoward incident in the Region.
- b. Ensured the availability of medicines and medical supplies to all DOH Extension Offices in CALABARZON.

PIA CALABARZON

- a. Assisted the RDRRMC CALABARZON in dissemination of advisories and provision of updates.

Philippine Ports Authority (PPA)

- a. Monitored condition and operations of the ports.

PDRRMCs Cavite, Laguna, Rizal, and Quezon

- a. Instructed City and Municipal DRRMOs to monitor LGUs that were identified landslides, flood-prone, and low-lying areas.
- b. Placed Emergency Response Teams on standby and ready for deployment.
- c. Disseminated updates regarding Provincial Situation which includes suspension of classes.

5. MIMAROPA**DILG MIMAROPA**

- a. Disseminated Weather Advisory to LGUs.

DSWD MIMAROPA

- a. Placed assets, Quick Response Teams (QRTs), Social Development Teams (SWADTs) together with staff of special projects (pantawid pamilya, KALAHI-NCCDP, and Sustainable livelihood at the Provincial and Municipal Levels) on standby for possible deployment/mobilization.
- b. Prepositioned Family Food Packs.

DOST MIMAROPA

- a. Provided updates to LGUs and uploaded the same on official social media account.

BFP MIMAROPA

- a. Coordinated with LGUs, NGOs, and other government agencies to support operational activities.
- b. Alerted all BFP personnel for any disaster related response.
- c. Placed all response assets on standby for possible deployment.

CGD Palawan

- a. Advised all Coast Guard Stations (CGS) and sub-stations (CGSS) to ensure strict implementation of Guidelines on the Movement of Vessels during heavy weather.
- b. Placed Deployable Response Groups (DRGs) and SAR assets on standby.
- c. Monitored situation in their respective AORs and ensured the operational status of HF and VHF radio communications in case of power outage.

Department of Education (DEPED) MIMAROPA

- a. Advised all to monitor weather updates for proper exercise of precautionary measures.
- b. Advised all DRRM coordinators to maintain open communication with school officials for any needed assistance.
- c. Reiterated the proper coordination of all DRRM Division Focal to DRRM District and School Coordinators re the Safety and Preparedness measures and advise to immediately report any untoward incidents within its AOR.

DOH MIMAROPA

- a. Coordinated and monitored all PDOHO, HEMS point persons, DOH retained hospitals, and other attached agencies for any untoward incidents and for the inventory of all available drugs, medicines, and medical supplies including vaccines and transportation assets.
- b. Advised PDOHO to coordinate with HEMS-PHO for the health emergencies monitored, and Ports Authority and advised nearby ports health facilities to be on standby for possible health assistance, and to response agencies, Provincial and MDRRMOs for the preparedness measures being undertaken in relation to the said weather disturbance.
- c. Advised PDOHO to conduct roving to all areas of concern on the potential risk for mass casualty incident.
- d. Prepositioned drugs, medicines, medical supplies, and vehicles.

Department of Public Works and Highways (DPWH) MIMAROPA

- a. Alerted Maintenance crew of the District Disaster Risk Reduction and Management Teams to monitor the condition of National roads and bridges and other infrastructure facilities.
- b. Placed assets on standby for possible deployment.

National Food Authority (NFA) MIMAROPA

- a. Prepositioned NFA stocks in MIMAROPA warehouses.

PRO MIMAROPA

- a. Ensured the availability of SAR assets and personnel.
- b. Alerted all Police Provincial Office down to its lower units and continuously monitored of situation within respective AORs.

- c. Activated PPOs response cluster.
- d. Directed lower units to undertake precautionary measures and other disaster preparedness activities such as:
 - Strengthen resilience of emergency communications
 - Ensure readiness of the SRR equipment and supplies to support operational requirements
 - Forward deployment and prepositioning of SAR assets
 - Coordination with Local DRRMCs
 - Activated Disaster Incident Management Task Groups (DIMTG) as the situation may require.

SOUTHERN LUZON COMMAND, 203rd Infantry Brigade, AFP

- a. Ensured the availability of mobility, communication, and SAR assets, and monitored weather updates.

WESTERN COMMAND, AFP

- a. Alerted all DRRM units and HADR for possible deployment.
- b. Placed response assets on standby.

6. REGION VIII

OCD VIII

- a. Monitored the possible effects of the current weather system within AOR.
- b. Coordinated with PDRRMOs for updates and weather situations within respective AORs.

Naval Station Dioscorro Papa, PN

- a. Monitored the weather condition within the Region.
- b. Placed Disaster Risk Reduction Unit (DRRU) on standby for disaster response.
- c. Placed 1 M35 truck and 1 multi-cab on standby.
- d. Placed 1 floating asset stationed at Catbalogan City Pier ready for deployment.

TOG 8, PAF

- a. Placed 1 Quick Response Team (QRT) on standby and ready for deployment.
- b. Ensured completeness of DRRO equipment and monitored the weather situation.

DPWH VIII

- a. Conducted monitoring of all national roads and bridges within the Region.

DPWH Samar 1st DEO

- Conducted clearing operation of rockslides.
- Installed barricades, warning signs and traffic advisory.
- Deployed 3 dump trucks and 1 backhoe for clearing operations.

DPWH Northern Samar 1st DEO

- Deployed 1 dump truck and 1 backhoe as augmentation in the clearing operations.
- Coordinated with Arena Construction for provision of 3 dump trucks and 1 backhoe and ECI Construction for provision of 2 dump trucks for the clearing operations.

DENR-MGB VIII

- a. Disseminated weather advisories to all local government units / local DRRMCs regarding the weather condition and its potential hazards.

PDRRMCs Leyte, Biliran, Samar, Northern and Eastern Samar

- a. Monitored weather situation within respective AORs.
- b. Advised all LDRRMOs to be on alert and continuously monitor the weather updates from PAGASA and the situation in its AORs.

PDRRMC Biliran

- a. Placed Water Search and Rescue (WASAR) on standby.

PDRRMC Samar

- a. Advised LDRRMOs to take necessary precautionary measures in preparation for possible thunderstorms and rain showers which may cause landslide and flooding in prone areas.
- b. Disseminated weather updates and flood advisories to all LDRRMOs.

PDRRMC Northern Samar

- a. Advised all MDRRMOs to stay in its respective AORs.

PDRRMC Eastern Samar

- a. Placed the Emergency Response Team on standby.

CDRRMC Tacloban City, Leyte

- a. Activated all BDRRMCs for monitoring.

CDRRMC Ormoc City, Leyte

- a. Monitored weather situation.
- b. Placed the Emergency Response Team on standby.
- c. Ensured open and continuous connectivity of communication lines with the concerned agencies.
- d. Coordinated with concerned barangay officials and conducted inventory of available resources.

CDRRMCs Catbalogan and Borongan, Eastern Samar

- a. Monitored the situation in flood and landslide-prone and in low-lying areas.

CDRRMC Baybay

- a. Provided weather updates to BDRRMCs and activated the Early Warning System (EWS) and contingency plan.

7. CORDILLERA ADMINISTRATIVE REGION (CAR)**OCD CAR**

- a. On Blue alert status on 01 August 2017, 7:00 AM.
- b. Advised all LDRRMC Operations Center and member agencies to take proactive measures.
- c. Activated the EWS through SMS for massive information dissemination of weather updates and preparedness advisories.
- d. Coordinated with the LDRRMCs in the Region on weather status, road conditions, reported incidents, and class suspensions.
- e. Coordinated with DWPH CAR for its Situational Report on National Roads and Bridges.
- f. Conducted PDRA meeting on 28 July 2017, 9:30 AM at the Cordillera Regional DRRM Council Operations Center.

- g. Prepositioned Personal Protective Equipment (PPE) and logistical materials which may be utilized for disaster operations.

DILG CAR

- a. Instructed the LGUs and LDRRMCs to activate Operations Listo as the guiding principle in respective preparedness response.
- b. Advised the LGUs and LDRRMCs to closely monitor small scale mining activities, operation of tourist spots, and landslide prone barangays from the list of Mines and Geosciences Bureau (MGB).
- c. Disseminated advisory on proactive measures regarding STS “GORIO” to DILG provincial offices.
- d. Directed LGUs and LDRRMCs to activate OPLAN LISTO to serve as the guiding principle in respective preparedness and response activities.

DSWD CAR

- a. Activated Quick Response Teams (QRTs) and placed on standby for possible deployment.
- b. Distributed 5,000 family food packs to 14 municipalities of Benguet.
- c. Requested additional 25,000 family food packs from the Central Office to be prepositioned in the provinces of CAR.

DOH CAR

- a. Alerted ERTs to be on standby.
- b. Prepositioned drugs and medicines for the 1st and 2nd Quarter of 2017 in the provinces of CAR.

DENR CAR

- a. Issued advisory to trekkers and campers regarding the suspension of all trekking activities in Mt. Pulag, Mt. Purgatory, and other mountains in Upper Agno River Basin Forest reserve.

DPWH CAR

- a. Closely monitored national road network situations in Cordillera Region through DPWH Engineering Offices.
- b. Prepositioned heavy equipment and loaders along landslide-prone districts and continuously managing ongoing clearing operations along roads with minor and major slides.

PIA CAR

- a. Closely coordinated with OCD CAR for any updates.
- b. Continuously provided warning to the public.

PRO CAR

- a. Placed Regional Public Safety Battalion (RPSB) with basic search and rescue equipment on standby.
- b. Prepositioned Personal Protective Equipment (PPE) in the Police Provincial Offices (PPOs) and alerted all police stations on the possible effects of “HUANING”.
- c. Secured premises of Mt. Pulag to advise hikers re the suspension of any trekking activities.

AFP 503rd Infantry Brigade and Tactical Operations Group 1-PAF

- a. Alerted teams for possible deployment, augmentation, and disaster operations.
- b. Placed available assets and equipment on standby for possible deployment.

Bureau of Fisheries and Aquatic Resources (BFAR) – CAR

- a. Monitored and assessed possible damages to fisheries and aquatic resources due to the Southwest Monsoon.

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

- a. Coordinated with the Cordillera RDRRMC EOC thru Office of Civil Defense-Cordillera (OCD-CAR), municipal LGUs, and Municipal Disaster Risk Reduction and Management Councils (LDRRMCs) and continuously monitored and sent weather updates, and monitored incident and status of lifelines.

PDRRMC Ifugao

- a. Placed PDRRMC OpCen on BLUE alert.

PDRRMC Mt. Province

- a. Informed OCD-CAR that caving in Sagada, Mt. Province was suspended.

CDRRMC Baguio City

- a. Mobilized all operatives and trained volunteers of the City Disaster Operations Center.
- b. Placed on standby, inspection and testing of all necessary communication, transport, medical, rescue, lighting equipment, personal protective equipment, and tools.

MDRRMCs Baguias, Tuba, La Trinidad, Tublay, Atok, Bakun, Kibungan, Bokod, Mankayan, Kapangan, Kabayan (Benguet), and Sagada, Tadian (Mt. Province)

- a. Monitored and disseminated weather updates, and monitored incidents and status of lifelines.

MDRRMC Tublay, Benguet

- a. Advised all small to big scale mining firms to take serious precautionary measures.

MDRRMC Bokod, Benguet

- a. Informed OCD-CAR regarding the suspension of hiking and trekking activities in Mt. Purgatory.

MDRRMC Bokod , Benguet

- a. LDRRMO disseminated warning advisory and weather updates via SMS to BDRRMCs, BERT, and MERT and instructed to disseminate the information as well.

MDRRMC Kabayan, Benguet

- a. Issued advisory Mt. Pulag was closed for trekking activities due to the weather condition.

8. NCR

Metro Manila DRRMC

- a. Recommended to the Office of the President thru the Office of Executive Secretary the declaration of suspension of work and classes at all levels in Metro Manila due to the enhance Southwest Monsoon which brought moderate to occasionally heavy rains over the western section of Luzon including Metro Manila.

DSWD NCR

- a. Alerted and activated the Region's QRT Leaders on any eventualities and to immediately prepare/inform their team members.
- b. Placed available stockpile and relief goods for augmentation support to LGUs:
 - Relief Goods – 12,837 Food packs (6 kilos rice, 4 sardines, 2 corn beef, 6 pcs. 3in1 coffee)
 - Blankets – 10,178 pieces
 - Mats – 7,304 pieces
 - Bottled Water – 44, 003 bottles
 - Baby Food – 3,749 pieces
 - Dignity Kit – 351 pieces
 - Mosquito Net – 4,783 pieces

CDRRMC Valenzuela City

- a. Activated the evacuation areas per advice of CSWD.
- b. Deployed medical teams in evacuation centers.
- c. Alerted flood-prone barangays for possible dam water spillage.

CDRRMC Malabon City

- a. Prepositioned assets ready for possible deployment.

CDRRMC San Juan City

- a. Raised alert status to BLUE.
 - b. Advised BDRRMCs to undertake precautionary measures, alert, and prepare its barangay and emergency response teams for possible emergency response through text blasts, CDRRMO updates, and radio.
 - c. Alerted BDRRMC, Barangay Brotherhood System and Interagency Auxiliary Force.
 - d. Placed emergency responders, vehicles, equipment, and rescue boats on standby.
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**FINAL REPORT re Preparedness Measures and Effects of the Southwest Monsoon
enhanced by TY "GORIO" (I.N. NESAT) and TS "HUANING" (I.N. HAITANG)
COST OF ASSISTANCE
25 - 31 July 2017**

REGION/PROVINCE/ MUNICIPALITY	TOTAL COST OF ASSISTANCE		
	DSWD (₱)	LGU (₱)	GRAND TOTAL (₱)
GRAND TOTAL	51,452.48	295,399.00	346,851.48
Region I	42,578.00	270,399.00	312,977.00
Ilocos Norte	0.00	103,569.00	103,569.00
Pasuquin	-	47,170.00	47,170.00
Badoc	-	800.00	800.00
Batac City	-	12,629.00	12,629.00
Burgos	-	400.00	400.00
Curimaog	-	14,720.00	14,720.00
Laoag City	-	3,000.00	3,000.00
Pagudpud	-	3,850.00	3,850.00
Pinili	-	5,400.00	5,400.00
San Nicolas	-	15,000.00	15,000.00
Sarrat	-	600.00	600.00
Ilocos Sur	0.00	113,200.00	113,200.00
San Esteban	-	36,400.00	36,400.00
San Juan (Lapog)	-	45,500.00	45,500.00
Burgos	-	5,600.00	5,600.00
Cabugao	-	7,200.00	7,200.00
Candon City	-	800.00	800.00
Santiago	-	17,700.00	17,700.00
La Union	42,578.00	52,230.00	94,808.00
Bacnotan	-	1,230.00	1,230.00
Bauang	42,229.00	2,600.00	44,829.00
Naguilian	349.00	-	349.00
San Fernando City	-	47,900.00	47,900.00
Santol	-	500.00	500.00
Pangasinan	0.00	1,400.00	1,400.00
Mabini	-	1,400.00	1,400.00
Region III	0.00	25,000.00	25,000.00
Bulacan	0.00	25,000.00	25,000.00
City of Meycauayan	-	25,000.00	25,000.00
CAR	8,874.48	0.00	8,874.48
Benguet	8,874.48	0.00	8,874.48
Bakun	8,874.48	-	8,874.48

Source: DROMIC REPORT #14 as of 14 August 2017