



REPUBLIC OF THE PHILIPPINES  
**NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL**

National Disaster Risk Reduction and Management Center, Camp Aguinaldo, Quezon City, Philippines

**NDRRMC UPDATE**

**SitRep No. 07 re Effects of Tropical Storm "HELEN" and Enhanced Southwest Monsoon**

Releasing Officer:

*[Signature]*  
**USEC BENITO T. RAMOS**  
 Executive Director, NDRRMC and  
 Administrator, OCD

**DATE : 16 August 2012, 6:00 AM**

Sources: PAGASA, I, II, IV-A, IV-B, V, CAR

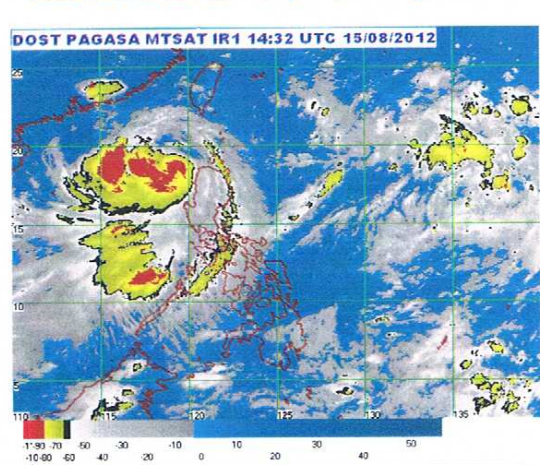
**I. WEATHER SITUATION (As of 5:00 AM 16 August 2012)**

**Tropical Storm "HELEN" has accelerated further as it moves away from the country.**

**PAGASA Track as of 2 a.m., 16 August 2012**



**Satellite Picture at 4:32 p.m., 16 August 2012**



<b>Location of Center: (as of 4:00 AM)</b>	<b>290 km West Northwest of Laoag City</b>
<b>Coordinates:</b>	<b>19.1°N, 117.7°E</b>
<b>Strength:</b>	<b>Maximum sustained winds of 85 kph near the center and Gustiness of up to 100 kph</b>
<b>Movement:</b>	<b>West Northwest at 24 kph</b>
<b>Forecast Positions/Outlook:</b>	<b>Thursday afternoon is already out of the Philippine Area of Responsibility (PAR) or at 530 km West Northwest of Laoag City</b>

- Public Storm Warning Signal elsewhere now lowered.
- **With this development, this is the final bulletin on this weather disturbance.**
- **However, this disturbance will continue to enhance the Southwest Monsoon bringing rains and moderate to strong winds over Luzon and Western Visayas.**
- **Residents living in low lying and mountainous areas affected by the Southwest Monsoon are alerted against possible flashfloods and landslides.**
- **Fishing boats and other small seacrafts are advised not to venture out into the Seaboards of Luzon and Western Visayas due to the combined effect of Tropical Storm "Helen" and the Southwest Monsoon.**

## II. SITUATION OVERVIEW

### EFFECTS:

#### A. INCIDENTS MONITORED (TAB A)

A total of **ten (10) incidents** monitored - two (2) drowning, one (1) flashflood, three (3) floodings and four (4) landslide.

#### B. AFFECTED POPULATION (TAB B)

A total of **19,923 families / 86,741 persons** were affected in **two hundred-seven (217) brgys** in Regions I, III and CAR. **3,106 families/10,650 persons** are currently residing in **seventy-seven (77) evacuation centers**.

#### C. CASUALTIES (TAB C)

As of 15 August 2012, there are **seven (7) dead, three (3) injured, two (2) missing** and **one (1) rescued**.

#### D. FLOODED AREAS (TAB D)

A total of **forty (40) Cities/Municipalities** in Region I and **Region III** are affected by floodings.

#### E. STATUS OF LIFELINES

##### 1. Status of Roads and Bridges (TAB E)

- A total of **thirteen (13) roads** and **eight (8) bridges** were not passable in Regions I, II, III, IV-A, IV-B and CAR.

##### 2. Status of Power Supply

- Power restoration in Sta. Ana, Sta. Teresita and Gonzaga, Cagayan still ongoing.
- The following facilities have already restored their power supply:
  - Ambuklao-Beckel 69kV line
  - Bauang-San Fernando 115kV line
  - Bauang-San Fernando 69kV line
  - Magapit-Camalaniugan 69kV line
  - Tuguegarao-Magapit 69kV line

#### F. STATUS OF OPERATION

- The Ferry Boat operation in Magapit, Lallo, Cagayan was temporarily suspended as of 6:00 PM 15 August 2012.

#### G. COST OF DAMAGES

##### Agriculture (Fisheries)

Region/Province	Total
Region I	
<i>Ilocos Sur</i>	₱ 616,000.00
<i>La Union</i>	₱ 139,000.00
<b>TOTAL</b>	<b>₱ 755,000.00</b>

#### H. COST OF ASSISTANCE

- A total of ₱ 75,000.00 worth of relief assistance have been provided by DSWD for Baguio City.

#### I. DAMAGED HOUSES (TAB F)

- A total of **13 houses** were damaged in Regions I and III of which **six (6) totally** and **seven (7) partially** damaged.

**J. STATUS OF DAMS AND WATERWAYS MONITORED (As of 10:00 PM 15 August 2012)**

Dams	Observation Time & Date	Reservoir Water Level (RWL) (m)	16-Hr WL Deviation	Normal High Water Level (NHWL) (m)	Deviation from NHWL (m)	Elevation from Rule Curve (m)	Deviation from Rule Curve (m)	Gate Opening (meters)
ANGAT	10:00 PM 15-Aug	213.52	-0.30	210.00	3.52	181.69	31.83	3 GATES/ 3 m = 450cms
	6:00 AM 15-Aug	213.82			3.82	181.68	32.24	3 GATES/ 3 m = 440cms
	10:00 PM 15-Aug	99.99			-0.81	-	-	4 GATES / 3.3 m = 471.7cms
IPO	6:00 AM 15-Aug	100.05	-0.06	100.80	-0.75	-	-	4 Gates/ 3.3 m = 471.7 cms
	10:00 PM 15-Aug	79.13			-1.02	-	-	-
	6:00 AM 15-Aug	79.19			-0.98	-	-	-
LA MESA	10:00 PM 15-Aug	749.97	0.90	752.00	-2.03	745.00	4.97	1 GATE / 1 m = 190cms
	6:00 AM 15-Aug	749.07			-2.93	745.00	4.07	2 Gates / 1 m
	10:00 PM 15-Aug	573.44			-1.56	565.00	8.44	3 GATES / 2.5 m = 377cms
BINGA	6:00 AM 15-Aug	572.22	1.22	575.00	-2.78	565.00	7.22	3 Gates/ 2.5 m
	10:00 PM 15-Aug	280.60			0.60	254.84	25.76	2 GATES / 1.5 m = 469cms
	6:00 AM 15-Aug	280.49			0.49	254.52	25.97	2 gates/ 1.5 m = 470cms
SAN ROQUE	2:00 PM 15-Aug	210.09	0.08	221.00	-10.91	202.42	7.67	-
	6:00 AM 15-Aug	210.01			-20.17	202.30	7.71	-
	10:00 PM 15-Aug	189.66			-0.34	180.54	9.12	-
MAGAT	6:00 AM 15-Aug	189.70	-0.04	190.00	-0.30	180.42	9.28	closed @ 8AM TODAY
	10:00 PM 15-Aug	286.53			-1.47	-	-	-
	6:00 AM 15-Aug	286.23			-1.77	-	-	-

**K. STATUS OF STRANDEES (As of 2:00 PM 15 August 2012)**

- At about 2:00 PM 15 August 2012, a total of 65 passengers were stranded.

LOCATION	NO. OF PASSENGERS	VESSELS	MBCA	VESSEL/MBCA TAKING SHELTER	CANCELLED TRIP
Aparri Port	34		M/B Rosario		Bound for Calayan
Calayan Port	7		M/B Eastern Euro 2		Bound for Aparri
San Vicente Port	4			M/V RUIJIN M/V QING HE M/V SHINKEN ACE M/B Lingayen Gulf	Bound for Maconacon
Dilasag Port	14		Triple J1, Triple J2, M/B Gondina		Bound for Palanan
Pasacao Port	6				
Cebu Port		M/V Starcraft-1 M/V Starcraft-5 M/V Ocean Jet-8 M/VST Judiel	M/B Eagle Express M/B Clemer	M/B Eagle Express	
Dumaguete Port		M/V Ocean et-5			
<b>TOTAL</b>	<b>65</b>	<b>(5) MVs</b>	<b>(7) MBs</b>	<b>(3) MVs, (2) MBs</b>	

**L. RESPONSE ASSESTS DEPLOYED**

**CAR**

- Deployed twenty-two (22) PNP personnel, two (2) PNP troop carrier trucks, two (2) PNP rubber boats and one (1) M35 from PMA.

**Region I**

- 5th ID, PA from Gamu, Isabela and 202nd CDC, PA from Ilagan, Isabela have been deployed to Northern Isabela
- IPPO SAR Team from Ilagan, Isabela have been deployed to D. Albano/Sta. Maria

- **Federation of Barangay Tanods - BRO Teams** were deployed to conduct rescue operations in their respective barangays.

#### **Region II**

- **PNP PRO 2** have deployed a **total of 787 personnel** (243 SAR Trained Personnel, 63 PCO and 481 PNCO), **47 vehicles** (8 ambulances and 39 6x6 Trucks) and **42 seacrafts** (21 rubber boats, 15 motorized boats and 6 PVC inflatable boats).

### **III. ACTIONS TAKEN (TAB G)**

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**EFFECTS OF TROPICAL STORM "HELEN" (KAI-TAK)  
ENHANCED BY SOUTHWEST MONSOON  
INCIDENTS MONITORED  
As of 16 August 2012, 6:00 AM**

REGION/ AREA	TIME/DATE OF OCCURRENCE	DESCRIPTION	REMARK/S
<b>TOTAL INCIDENTS MONITORED (10)</b>			
<b>DROWNING INCIDENTS (2)</b>			
<b>REGION I (2)</b>			
Brgy.Madamba, Dingras, Ilocos Norte	On or about 3:30 PM, 13 August 2012	A drowning incident involving two (2) persons namely, Andrew Mariano Batara, 47 y/o and Robimar Batara Aleluya, 4 y/o, occurred due to strong currents while swimming in a river.	In the conducted SAR, Andrew Mariano Batara died while Robinar Batara Aleluya was rescued and confined at Roque Ablan Sr. Hospital for further treatment.
Sitio Pinalapa, Brgy Dumpay, Basista, Pangasinan	On or about 7:00AM - 8:00AM, 13 August 2012	A drowning incident involving a certain Armando Valdez Borbon, 37 y/o, occurred due to an epileptic episode which caused him to all in a flooded rice field.	
<b>FLASHFLOOD (1)</b>			
<b>REGION III (1)</b>			
Masinloc Zambales	On or about 4:15 PM, 14 August 2012	A flashflood incident occurred due to heavy rains in six (6) barangays in Region III namely, San Lorenzo, Sta. Rita, Sta. Rosario, Tapuac, Culiati and Balunganon.	MDRRMS Masinloc immediately evacuated a total of three hundred fifty seven (357) families/ one thousand fifty-eight (1758) persons affected to San Lorenzo ES, Sta. Rita ES, Santo Rosario ES, Culliat ES an Felipe Estella ES.
<b>LANDSLIDE (4)</b>			
<b>CAR (2)</b>			
Baguio City		Another landslide incident occurred in Brgy. Honeymoon, Baguio City that damaged a shanty house owned by Leo S. Liddawa.	
	On or about 9:00 AM, 15 August 2012	Two (2) small scale miners died and one was injured in a landslide incident at Mt. Emerald, Baligui, Purok 5, Brgy. Kias Extension, Baguio City	Teams from PNP, Baguio-Benguet Public Information and Civic Action Group (BBPICAG), Philippine Military Academy DRTG and the Baguio City Emergency Medical Services (BCEMS) immediately responded to the incident.
<b>REGION I (1)</b>			
La Union	On or about 2:00 AM, 15 August 2012	A landslide incident occurred in Brgy. Wenceslao, Caba, La Union along National Highway.	DPWH conducted clearing operations
<b>REGION III (1)</b>			
Masinloc Zambales	On or about 4:50 PM, 14 August 2012	A landslide incident occurred in Brgy. Sto. Rosario and KM 18 Taltal, Masinloc, Zambales damaging one (1) house.	Installed warning signs and conducted clearing operations.
<b>FLOODING INCIDENTS (3)</b>			
<b>REGION I (3)</b>			
San Fernando, La Union	On 2:15 Am August 15, 2012	A flooding incident occurred in Brgy. Biday and Cabaroan due to continuous heavy rains.	Coast Guard District Northwest Luzon immediately dispatched two (2) teams of PCG deployable response group equipped with two (2) rubber boats.
Bauang, La Union	On 2:15 Am August 15, 2012	A flooding incident occurred in Brgy. Paringao and Bacuit due to continuous heavy rains	
	On or about 3:08 AM, 14 August, 2012	A flooding incident to about chest-deep occurred due to heavy rains. Subsequently, the heavy rains also caused the Bauang River to overflow.	PDRRMC, Navy and PCG is conducting evacuation operations.

**EFFECTS OF TROPICAL STORM "HELEN" (KAI-TAK)  
ENHANCED BY SOUTHWEST MONSOON  
AFFECTED POPULATION  
As of 16 August 2012, 6:00 AM**

Region/Province/ Mun/City	AFFECTED			No. of Evac Centers	Inside Evacuation Centers		Outside Evacuation Centers		TOTAL SERVED - CURRENT (Inside + Outside)	
	Brgys	Families	Persons		Families	Persons	Families	Persons	Families	Persons
<b>GRAND TOTAL</b>	<b>217</b>	<b>19,923</b>	<b>86,741</b>	<b>77</b>	<b>3,106</b>	<b>10,650</b>	<b>-</b>	<b>-</b>	<b>1,200</b>	<b>1,848</b>
<b>REGION I (ILOCOS REGION)</b>	<b>183</b>	<b>17,764</b>	<b>78,825</b>	<b>34</b>	<b>725</b>	<b>3,730</b>	<b>-</b>	<b>-</b>	<b>725</b>	<b>1,362</b>
<b>ILOCOS NORTE</b>	<b>26</b>	<b>1,593</b>	<b>6,241</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
BADOC	6	142	734							
BATAC	5	264	991							
CURRIMAO	4	166	696							
DINGRAS	2	509	2,042							
PAOAY	3	444	1,448							
PINILI	4	51	242							
SARRAT	2	17	88							
<b>ILOCOS SUR</b>	<b>9</b>	<b>686</b>	<b>3,438</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
CABUGAO	2	60	300							
CERVANTES	1	1	13							
SUGPON	6	625	3,125							
<b>LA UNION</b>	<b>126</b>	<b>13,771</b>	<b>61,436</b>	<b>28</b>	<b>571</b>	<b>2,368</b>	<b>10,320</b>	<b>21,939</b>	<b>10,891</b>	<b>24,307</b>
SAN FERNANDO	18	1,958	9,503	6	258	1,220	1,286	6,407	1,544	7,627
AGOO	22	1,863	6,547	5	84	335	1,179	6,212	1,263	6,547
ARINGAY	2	4	22	1			1	6	1	6
BACNOTAN	2	5	14							
BANGAR	14	1,578	5,453	2	22	91	1,556	5,362	1,578	5,453
BAUANG	1	18	97	1						
CABA	4	406	1,117	1			400	1,078	400	1,078
LUNA	17	742	2,969							
NAGUILIAN	3	55	225	2						
SAN GABRIEL	1	5	18	1						
SAN JUAN	25	6,105	29,464	7	207	722	5,898	2,874	6,105	3,596
SANTO TOMAS	12	888	5,556							
TUBAO	5	144	452	2						
<b>PANGASINAN</b>	<b>22</b>	<b>1,714</b>	<b>7,710</b>	<b>6</b>	<b>154</b>	<b>1,362</b>	<b>-</b>	<b>-</b>	<b>154</b>	<b>1,362</b>
DAGUPAN CITY	6	74	288	1						
URDANETA CITY	2	730	2,920	2	154	770			154	770
BASISTA	1	1	5							
BAYAMBANG	2	65	291	2		291				291
CALASIAO	4	70	301	1		301				301
LAOAC	2	109	580							
SANTA BARBARA	5	665	3,325							
<b>REGION III (CENTRAL LUZON)</b>	<b>32</b>	<b>2,038</b>	<b>7,464</b>	<b>41</b>	<b>1,906</b>	<b>6,434</b>	<b>7</b>	<b>36</b>	<b>1,913</b>	<b>6,470</b>
<b>ZAMBALES</b>	<b>32</b>	<b>2,038</b>	<b>7,464</b>	<b>41</b>	<b>1,906</b>	<b>6,434</b>	<b>7</b>	<b>36</b>	<b>1,913</b>	<b>6,470</b>
BOTOLAN	11	1,049	3,303	20	896	2,899			896	2,899
CANDELARIA	4	93	359	4	93	359			93	359
CASTILLEJOS	4			2	19	76	7	36	26	112
IBA	5			6	175	425			175	425
MASINLOC	6	896	3,802	7	649	2,447			649	2,447
SAN FELIPE	1			1	13	37			13	37
SANTA CRUZ	1			1	61	191			61	191
<b>CAR</b>	<b>2</b>	<b>121</b>	<b>452</b>	<b>2</b>	<b>475</b>	<b>486</b>	<b>-</b>	<b>-</b>	<b>475</b>	<b>486</b>
APAYAO	-	-	-	0	3	11	-	-	3	11
LUNA					3	11			3	11
BENGUET	2	121	452	2	472	475	-	-	472	475
BAGUIO CITY	1	120	446	1	231	742			231	742
LA TRINIDAD	1	1	6	1	241	781			241	781

AFFECTED AREAS	
REGIONS	3
PROVINCES	7
CITIES	4
MUNICIPALITIES	36
BARANGAYS	217

**EFFECTS OF TROPICAL STORM "HELEN" (KAI-TAK)  
ENHANCED BY SOUTHWEST MONSOON  
CASUALTIES  
As of 16 August 2012, 6:00 AM**

REGION/PROVINCE/ MUNICIPALITY/BARANGAY	Name	Sex	Age	Address	Cause / Date / Remarks
<b>GRAND TOTAL</b>	<b><u>7</u></b>	<b>DEAD</b>			
<b>CAR</b>	<b>3</b>				
Baguio City	1	Jonafe Pandosen	M	58 y/o	Still undetermined Landslides / Rescued but was declared dead on arrival at Baguio General Hospital
Baguio City	1	Ekmer Domines	M	42 y/o	Still undetermined Landslides / Rescued but was declared dead on arrival at Baguio General Hospital
Apayao	1	Fernando Dingayen	M	49 y/o	Sitio Hilltop, Talifugo, Conner, Apayao Hit by a falling tree
<b>Region I</b>	<b>4</b>				
La Union	1	Sabino Mosquite Yankee Macasinag	M	47 y/o	Brgy. Lioac, Naguillan, La Union Electrocution
Ilocos Norte	1	Princess Natalie Jamon	F	1 y/o	Brgy. San Pedro, Paoay, Ilocos Norte Drowning
Pangasinan	1	Armando Valdez Borbon	M	37 y/o	Sitio Pinalapa, Brgy. Dumpay, Basista Experienced an epileptic episode and fell into a flooded ricefield and drowned
Ilocos Norte	1	Andrew Mariano Batara	M	47 y/o	Brgy. Madamba, Dingras, Ilocos Norte Went swimming with a nephew at a river when a strong current dragged them. Local divers found his body and rushed him to the hospital but was declared DOA.
<b>GRAND TOTAL</b>	<b><u>2</u></b>	<b>MISSING</b>			
<b>Region V</b>	<b>2</b>				
Camarines Norte	1	Rodolfo Tayas	M		Purok 5, Brgy. Parang, Jose Panganiban, Camarines Norte A fisherman together with Winifredo Tojon left around 13 Aug 2012 onboard motorized boat to go on fishing but failed to return
Camarines Norte	1	Winifredo Tojon	M		Purok 5, Brgy. Parang, Jose Panganiban, Camarines Norte A fisherman together with Rodolfo Tayas left around 13 Aug 2012 onboard motorized boat to go on fishing but failed to return
<b>GRAND TOTAL</b>	<b><u>3</u></b>	<b>INJURED</b>			
<b>Region I</b>	<b>2</b>				
La Union	1	Joy S. Aspiras	F	24 y/o	Nazareno, Agoo, La Union Hit by a falling tree
La Union	1	Maria Sandria Aspiras	F	8 mos	Nazareno, Agoo, La Union Hit by a falling tree
<b>CAR</b>	<b>1</b>				
Baguio City	1	Marcos Baniguen	62	M	Still undetermined Landslides / Rescued and was brought to Baguio General Hospital
<b>GRAND TOTAL</b>	<b><u>1</u></b>	<b>RESCUED/SURVIVORS</b>			
<b>Region I</b>	<b>1</b>				
Ilocos Norte	1	Robimar Batara Aleluya	M	4 y/o	Brgy. Madamba, Dingras, Ilocos Norte Swam with his uncle at a river at a river when a strong current dragged them. Rescued and rushed by the bystanders to Ablan Sr Hospital for treatment

**EFFECTS OF TROPICAL STORM "HELEN" (KAI-TAK)  
 ENHANCED BY SOUTHWEST MONSOON  
 FLOODED AREAS  
 As of 16 August 2012, 6:00 AM**

AREA	CITY / MUNICIPALITY / DISTRICT	BARANGAYS
<b>Region I (As of 4:00 PM 15 August 2012)</b>		
<b>La Union</b>		
	San Fernando	Cabaoran, Biday, Tanqui, Dalangayan West
	Bacnotan	Nagsimbahan Poblacion, Raois
	Bauang	Baccuit Norte, Paringao, Central West, Quinavite
	Luna-Bangar Road	Rimos 3, 4 and 5
<b>Pangasinan</b>		
	Calasiao	Talibaew, Lasip, San Vicente, Banaoang, Mabini St. and Pandaya, Poblacion East, Mabini St. Poblacion West, Sitio Pandayan, Brgy Gabon
	Alaminos City	Pogo, Palamis
	Sta. Barbara	Sonquil
	Agno	Sitio Palonapay, Bangan-Oda
	San Fabian	Tococ, Lekep, Sitio Saldo, Bolasi
<b>Region III (As of 8:00 PM 15 August 2012)</b>		
<b>Zambales</b>		
	San Narciso	Patrocinio, Alusiis
	Botolan	Paco
	Masinloc	Sta. Rita, San Lorenzo, Tapuac, Collat, Baloganon, Sto. Rosario
	Palauig	Macarang, Zone IV, Amungan, Bangantalinga,
	Castillejos	Bagong Silang, San Pablo
<b>Tarlac</b>		
	Paniqui	
	Moncada	
<b>Pampanga</b>		
		Bancaf, Jose Abad Santos, Plaza Burgoz (Pob), San Matias, San Agustin, San Antonio, San Isidro, San Jose, San Juan 1st, San Juan Bautista, San Juan Nepomuceno, San Miguel (Betis), San Nicolas 1st and 2nd, San Pablo, San Pedro, San Rafael 9Duck Island, San Roque, Santa Filomena, Sta. Ines, Sta. Ursula, Lambac, Sto. Cristo, Sto. Nino (Pob),



**EFFECTS OF TROPICAL STORM "HELEN" (KAI-TAK)  
ENHANCED BY SOUTHWEST MONSOON  
STATUS OF ROADS AND BRIDGES  
"NOT PASSABLE"**

As of 16 August 2012, 6:00 AM

LOCATION	SITUATION	ACTION(s) TAKEN
<b>Region I</b>		
<b>La Union</b>		
San Juan-San Gabriel Road km 280+000	Earth/Rock Slides	Removal of slides is on-going for one (1) lane
<b>Region II</b>		
<b>Cagayan</b>		
Magapit Suspension Bridge at Lallo		on-going rehabilitaion works
Maguiling/Itawes Bridge, Tuao, Cagayan		
Tawi Bridge, Peñablanca, Cagayan		
<b>Isabela</b>		
Sta. Maria Bridge, Sta. Maria, Isabela		
<b>Region III</b>		
<b>Bataan</b>		
Bagac-Mariveles Road	Landslides	Mobilization of heavy equipment
Biaan Bridge	Collapsed slope protection and damage	Continuous monitoring
Banayam Bridge	Collapsed slope protection and damage	Continuous monitoring
Paysawan Bridge (Timber)	Heavily Damage	Continuous monitoring
<b>Pampanga</b>		
Candaba-San Miguel Road km 69+685 - km 77+00	Floodwater (d=0.10-1.20 m)	Continuous monitoring
Baliuag-Candaba Sta. Ana Road km 64+500 - 70+000 Paliqui San Agustín, Canaba	Floodwater (d=0.10-1.50 m)	Continuous monitoring
Sto. Tomas-Minalin Road km 64+000 - 74+000 San Matias, Sto. Niño, San Vicente, Sto. Tomas, San Isidro, Minalin, Telacsan, Macabebe	Floodwater (d=0.10-1.00 m)	Continuous monitoring
<b>Region IV-A</b>		
<b>Laguna</b>		
Paete-Famy-Poblacion Road km 102+000 - km 111+000 Panigil-Siniloan Section	Flooded	Monitoring, crew on Standby
<b>Region IV-B</b>		
<b>Occidental Mindoro</b>		
Mompong Bridge Approaching "B" k0303+227 Barangay Tuban, Sablayan Occidental Mindoro	Scoured 104 l.m.	Installation of barricades
<b>Car</b>		
<b>Apayao</b>		
Claveria-Calanasan Road	Closed to traffic	Clearing operation on-going
<b>Mt. Province</b>		
Mt. Province Ilocos Sur Road km 392+000 - km 349+000 intermittent section	Closed to traffic	
Mt. Province Ilocos Sur via Tue	Closed	Contractor notified to clear slides. Section is under contract
<b>Benguet</b>		
Baguio-Bua-Itlogan road, Sitio Firstgate, Brgy. Ucab Itlogan Benguet	Closed to traffic	Clearing on-going
Kabayán-Buguias-Abalan Road km 357+350, Impugong Section	Closed to traffic	Clearing operation on-going
Acop-Kapanga-Kibungan-Bakun Road, K0292+300, Salacop Section	Close/Open situation	Due to landslide 1 private payloader clearing side
<b>Kalinga</b>		
Tinglayan-Bontoc Road	Closed to traffic due to landslide	

**EFFECTS OF TROPICAL STORM "HELEN" (KAI-TAK)  
ENHANCED BY SOUTHWEST MONSOON  
DAMAGED HOUSES  
16 August 2012, 6:00 AM**

REGION	Province/Municipality	DAMAGED HOUSES	
		TOTALLY	PARTIALLY
<b>GRAND TOTAL</b>		<b><u>13</u></b>	
		<b>6</b>	<b>7</b>
<b>Region I</b>	<b>Sub-Total</b>	<b>2</b>	<b>2</b>
	<i>La Union</i>		
	<i>Agoo</i>	<i>1</i>	<i>0</i>
	<i>Aringay</i>	<i>1</i>	<i>0</i>
	<i>Tubao</i>	<i>0</i>	<i>1</i>
	<i>Ilocos Sur</i>		
	<i>Cervantes</i>	<i>0</i>	<i>1</i>
<b>Region III</b>	<b>Sub-Total</b>	<b>4</b>	<b>5</b>
	<i>Zambales</i>	<i>4</i>	<i>5</i>
	<i>Masinloc</i>		
	<i>Sto Rosario</i>	<i>1</i>	<i>3</i>
	<i>Sta. Rita</i>	<i>1</i>	<i>2</i>
	<i>North Poblacion</i>	<i>2</i>	<i>0</i>

**PREPAREDNESS MEASURES AND EFFECTS OF THE SOUTHWEST MONSOON  
ENHANCED BY TROPICAL STORM "HELEN" (KAI-TAK)  
ACTIONS TAKEN  
As of 16 August 2012, 6:00 AM**

**NDRRMC**

- **NDRRMC–OPCEN** is on "Red Alert" status in view of the Tropical Storm "HELEN"
- Disseminated NDRRMC Advisories on Weather Advisory to all regions affected for further dissemination to their respective Local Disaster Risk Reduction and Management Councils (LDRRMCs) from the provincial down to the municipal levels.
- Directed RDRRMCs concerned through the OCD Regional Centers to undertake precautionary measures in their respective areas of responsibility (AOR) and subsequently advised local DRRMCs to initiate pre-emptive evacuation of families in low-lying and mountainous areas if situation warrants.

**MEMBER AGENCIES**

- **PIA, DILG and PCG District Bicol** are assisting OCD in the dissemination of warning advisories to the general public to stay at home or in safer areas during this weather.
- **CGDNL and PNP PRO1** conducted rescue, evacuation and clearing operations.
- **PCG** especially in Northern Luzon have already been placed on heightened alert and Deployable Response Group (DRGs) is on standby, ready to respond to any eventuality in their area of responsibilities (AORs).  
**PCG Northern Luzon** has not allowed any vessels to sail out to the sea; directed and reminded all PCG units in the area to be guided with HPCG Memo Circular 01-09 (Guidelines on movements of vessel during heavy weather) and the verbal directive of Secretary of Transportation and Communication that all vessels, regardless of the tonnage shall not be allowed to sail except to take shelter. Dispatched one (1) rubber boat on a pathfinder vehicle to conduct rescue operation.  
**CPCG** directed **CGDNCR-CL** to monitor the water level around Laguna Lake, coordinate with concerned LGUs and render necessary assistance.  
**CGDBCL** is continuously monitoring ports throughout Bicol Region thru Coast Guard Stations.
- **DENR- MGB & EMB**
  - **CAR** is currently monitoring the situation in PHILEX and they will conduct geological assessment to the sinking area in Bakun, Benguet. They also have Geologists on standby.
- **DPWH**
  - **CAR** prepositioned heavy equipment and maintenance crew, to report every 6 hours on the road status in the AOR. And on-going road clearing operations.
  - **DPWH I** continuously monitoring major roads and bridges in AOR; installed warning signs along Narvacan Port Road (Km 379+020 to Km 379+160) which is one lane passable; and conducted road clearing operations in Brgy. Wenceslao, Caba, La Union
  - **DPWH II** installed warning signs and barricades at Itawes overflow Bridge; all Engineering Districts' Crews and equipment are all on stand-by and ready to respond to emergency situations.
  - **DPWH III** closely monitoring the status of dikes in the municipalities of Botolan, San Narciso, and San Felipe.

- **DOH**
  - **CAR** alerted all HEMS officers and hospitals and prepositioned medicines and other health concerned logistics.
  - **CHD I** raised CODE BLUE ALERT with Operations Center activated 24 hours; **CHD I and its four regional PHTO Operation Centers activated on 24 hour service; and the prepositioned drugs and medicines in each PHTOs were distributed to affected municipalities.**
  - **CHD II** raised CODE WHITE ALERT with Operation Center activated 24 hours; prepositioned drugs and medicines worth Php 100,000.00 each to 3 provinces (Isabela, Cagayan and Batanes) and Php 50,000.00 each at Nueva Vizcaya and Quirino.
  - **CHD III** CODE BLUE ALERT still raised with Operation Center and Medical response team on 24 hours duty.
  - **CHD IV-A** raised CODE WHITE ALERT and operation center open 24 hours.

- **DSWD**
  - **DROMICS** is closely coordinating with concerned DSWD-FOs for significant reports.
  - As of 14 August 2012, Region I DSWD-SWAD Teams are monitoring and coordinating with the PDRRMO and P/M/CSWDOs for any eventuality in their respective areas.
  - **DSWD FO I SWAD Teams** are continuously monitoring the adverse effects brought about by the weather disturbances; ongoing rapid assessment to identify possible threatened areas and evacuate individuals and families if necessary; and, prepositioned 3,500 stockpile at the different provinces in Region I.
  - **DSWD FO II: Field Office Disaster Management Response Teams and SWAD Teams** in the provinces of Batanes, Cagayan, Isabela, Quirino and Nueva Vizcaya are alerted.
    - Prepositioned relief items to 65 evacuation centers, are ready for possible displacement.
    - About 920 family food packs, 2,800 relief clothing and PhP453,604.00 standby funds are ready for augmentation support to affected LGUs.
    - Volunteers from State Colleges and Universities (SCUs), partners from media and Integrated Bar of the Philippines (IBP) Cagayan chapters were organized to assist FO-II in repacking of relief items.
  - **DSWD FO III prepositioned food packs and prepared all evacuation centers to accommodate possible evacuees and provided relief goods to the evacuees of Moncada, Paniqui and Tarlac City**
  - **DSWD FO CAR** with ready 2,000 family packs; with ready QRF amounting to PhP 500,000.00; alerted SWAD and QUART teams; and, prepositioned family packs in 6 provinces; with ready 1,658 family packs at field office ready for augmentation assistance to LGUs.

- Prepositioned family packs per province:

Abra	Local purchase on process
Apayao	400 family packs
Benguet	612 family packs
Baguio City	250 family packs
Ifugao	400 family packs
Kalinga	400 family packs
Mt. Province	320 family packs
SWAD and QUART Teams are on alert	

- **AFP**
  - All units on heightened alert status.
  - **PMA-DRTG augmented the response teams of Baguio City for the SAR Operation and conducted pre-emptive evacuation.**

- **Philippine Army**
  - **9ID PA**
    - **902BDE (Camarines Norte, Camarines Sur)** prepositioned three (3) Disaster Response Task Units and 16 Military trucks.
  - **7ID PA dispatched two (2) M-35 trucks and two (2) rubber boats to Regional RDANA Team for the conduct of DANA in the provinces of Pampanga and Bulacan.**
- **Philippine Air Force**
  - **PAF TOG 1 and PMA-DRTG** are on alert status
  - **PAF TOG 5** prepositioned one (1) Disaster Response Unit Team composed of 7 EPs and 1 carrier truck.
  - **PAF Wallace** dispatched an M35 with personnel to augment PDRRMC La Union Operations.
- **Philippine Navy**
  - **PN** augmented PDRRMC La Union in SAR operations on 15 August 2012 and dispatched an M35 truck with 11 personnel to augment PDRRMC La Union operations.
  - **NFSL** alerted three (3) DRRTs on standby; five (5) Officers and seventeen (17) EPs with two (2) rubber boats and three (3) trucks.
- **PNP** is continuously monitoring the road condition and landslide prone areas and has implemented its DRRM plan, "OPLAN Saklolo". Provincial Police Offices are likewise activated.
  - **PNP, Police Regional Office 5:** two (2) teams composed of two (2) Officers, fourteen (14) EPs, one (1) SKW truck and two (2) patrol cars are on standby alert for possible deployment.
  - **PNP PRO IV-A and SOLCOM COMMANDER** alerted and advised all operating units, Provincial Police offices, City/ municipal Police Stations to monitor the weather situation and assist LDRRMCs in SAR operations and evacuation if need arises in their AORs.
  - **PRO1** conducted rescue, evacuation and clearing operations.
  - **PNP Ilocos Sur** deployed 8 personnel from ISPPSC ready for possible deployment.
- **DILG** Operation Center on 24/7 duty
  - **DILG I** on alert status to monitor the situation in AOR.
  - **DILG II deployed the Disaster Rescue Operations (DRO) Team under 5th ID CMO Battalion in the municipalities of Jones, San Guillermo and San Mariano in Isabela; DRO Team on standby with rubber boats in Camp Upi, Gamu, Isabela and clearing team focused on the national highways; prepositioned the relief goods in Northern Isabela municipalities; readied a portable solar-powered water purifier for affected LGUs; and, strong partnership with the media in the continuous dissemination IEC materials.**
  - **DILG Pampanga still conducting clearing operations and removal of debris from the different waterways.**
  - **DILG CAR activated the Provincial, City and Municipal Action Centers; mobilized the local DRRMC to man the Command Centers 24-hour; and, activated the Area-wide warning and alarm system whether stationary or portable (thru local radio station)**
- **NGCP** implemented necessary preparations and precautions as well as positioned line crews to facilitate immediate restoration work.
  - **IDAP** ensured readiness of all power transmission facilities.

- **Over-all Disaster Management Command Center** rendered 24-hour operation to monitor all power restoration activities, reports and updates from Regional Command Centers (North and South Luzon, Visayas and Mindanao) and coordinates with NDRRMC and other relevant agencies.
- **PAGASA**
  - **Region V** is continuously monitoring AWS installed in strategic locations.
- **PRC**
  - **Ilocos Sur Chapter** on continuous monitoring and ocular assessment particularly in Vigan, Bantay, San Ildefonso, Sto. Domingo, Caoayan, San Vicente and Sta. Catalina; activated its volunteers on field through powertext and placed standby ERU volunteers.
  - **PRC Zambales conducted continuous coordination with their 143 partners and volunteers in the fields; deployed two (2) assessment and Response Teams to Northern Masinloc and Southern Botolan; established Health and Welfare Desk in the 6 evacuation centers, and; DRT/WASAR/ERU Chapter on 24/7 duty.**
- **BFAR**
  - **BFAR I** requested to monitor the effect of the current weather disturbances to fisheries sector

#### **REGIONAL PREPAREDNESS AND RESPONSE:**

- **RDRRMC I, II, III, IV-A, IV-B, V and CAR** disseminated Severe Weather Advisory to RDRRMC member-agencies, P/C/MDRRMC, PCG, Local Media (Radio Stations) and other stakeholders thru SMS and facsimile.
- **RDRRMC I, II, III, IV-A, IV-B, V** Operations Center is continuously monitoring the regional situation and coordinated with local DRRMCs ICOW the preparedness activities to be undertaken; alerted LDRRMCs and residents living in low lying areas and mountainous slopes against possible flash floods, landslides and occurrence of any emergency.
- **RDRRMC I, III, IV-B, V and CAR** OpCen is on RED ALERT status.
- **RDRRMC CAR**
  - **LDRRMCs** are all on Red Alert Status; emergency teams on standby; and monitoring high risk areas and ready to implement pre-emptive evacuation.
  - **LDRRMCs** were advised to take appropriate action and discuss local preparedness for possible emergency response
  - **LDRRMC Benguet** closely monitoring the Balili River along La Trinidad, Benguet and conducted pre-emptive evacuation in Brgy. Pico and Brgy. Puguis, La Trinidad, Benguet.
  - **Cordillera RDRRMC** disseminated press releases thru media partners from ABS-CBN Baguio, GMA Northern Luzon and other radio stations; re-emphasized the implementation of pre-emptive evacuation in high-risk areas; assisted LGUs in monitoring the water rainfall via Project NOAH Website; distributed and prepositioned sacks of rice to flash-flood prone areas; and, conducted site assessment to affected areas in Baguio City and La Trinidad.
- **RDRRMC I**
  - **OCD 1** upgraded from BLUE to RED ALERT STATUS effective 12:00 NN 13 August 2012 and attended to tri-media interview re Situation in AOR
  - **OCDR1** Director Melchito M. Castro surveyed the reported flooded areas.
  - **PDRRMC WASAR** conducted rescue and evacuation of affected families.

- **PDRRMC Ilocos Norte** advised local officials and their respective C/MDRRMCs to prepare equipment and relief goods in case of any eventuality and to identify possible threatened areas and evacuate individuals as soon as possible to minimize unnecessary loss of lives and properties.
  - **PDRRMC La Union** prepositioned rescue equipment; rescue teams and disaster response teams on standby; and constant warning to low-lying areas re flooding and advised resident to prepare evacuation if necessary.
- **RDRRMC II**
    - **PDRRMC Isabela** prepositioned 2,600 relief goods covering twelve (12) municipalities in four (4) coastal towns.

CITY/MUNICIPALITY	No. of Family Packs	Cost
Angadanan	200	57,130.00
Cabagan	250	71,412.50
Dinapigue	250	71,412.50
Divilacan	250	71,412.50
Jones	200	57,130.00
Maconacon	250	71,412.50
Palanan	250	71,412.50
San Agustin	200	71,412.50
San Guillermo	200	71,412.50
San Pablo	250	71,412.50
Sta Maria	250	71,412.50
Santo Tomas	250	71,412.50
TOTAL	2,600 Family Packs	742,690.00

- **Provincial Administrator and Action Officer of PDRRMC** presided a meeting held at PDRRM Center on 13 August 2012. The meeting was about the pre-evaluation of available resources and needs as preparedness measures for Tropical Storm "Helen" and attended by PDRRMC members including tri-media; continuous monitoring of Magat Dam water level.
  - Members of **DART-Rescue 831** with complete WASAR equipments with two (2) rescue ambulances and PDRRMC Staff were directed to be on duty at PPDO/PDRRMC to monitor, report updates and respond.
  - The **Provincial Administrator** conducted mobile evaluation/assessment going northward up to Tuguegarao, while the Executive Asst IV, PGO proceeded southward up to Echague and reported negative to moderate rainfall to some areas.
  - All rescue teams with complete WASAR equipments were on standby or deployed to high risk flood prone areas to avert any flood related incidents.
  - **PDRRMC Cagayan** prepositioned one (1) team of rescuers at Sta. Teresita and one (1) team at Alcala, Cagayan.
  - **CDRRMC Cauayan - RESCUE 922** are on standby for possible evacuation operations
  - **CDRRMC Santiago City** stockpiled 1,500 family packs for possible relief operation and readied all resources for possible evacuation and rescue operations.
- **RDRRMC III**
    - **RDRRMC Chairman presided over the RDRRMC Emergency meeting with N/RDRRMC DANA Team held at OCD III Conference Room, Gov't Center, Maimpis, CSFP at 10:00 AM 15 August 2012 about conduct of RDANA.**
    - **PDRRMC Zambales on alert status since 14 August 2012**
      - **PDRRMC Chairman convened RDANA Team at 1:00 AM 15 August 2012 and advised all member line agencies on alert status and closely monitoring the situation in the province.**

- MDRRMC Botolan conducted sandbagging operations in the 400m crack in the Bucao River, Brgy. Carael, Botolan on 14 August 2012; conducted evacuation operations and closely monitoring the eroded portion of Bucao Dike.
- MDRRMC Masinloc provided food, clothing, and bedding to the evacuated families. Rescue and evacuation operations still ongoing.
- MDRRMC Sta. Cruz is on alert status and is closely monitoring the situation.
- PEO, DPWH and 24IB, PA dispatched dump trucks and M-35 trucks to Masinloc, Palauig and Iba MDRRMCs to augment the ongoing evacuation and rescue evacuation and rescue operations on 14 August 2012.
- ZPPO-PNP and 24IB, PA dispatched rescue teams at Masinloc, Zambales during the flashflood on 14 August 2012.
- PDRRMC Pampanga
  - PDRRMC Chairman preside over the Emergency meeting with the Mayors and Punong Barangays of the 2nd District of Pampanga to discuss the impending danger of flashfloods in the following areas:
    - 8 barangays in Porac
    - 13 barangay in Floridablanca
    - 1 barangay in Guagua
    - 16 barangays in Lubao
    - 7 barangay in Sasmuan
  - The Mayor of Porac instructed his assessment team to inspect the volume of water accumulated at the upstream portion at Brgy. Sapang Uwak, Porac and alerted the residents for possible occurrence of landslides and flashfloods.
  - MDRRMC Guagua conducted pre-emptive evacuation to residents of Brgy. Dalisdis, Ascomo, involving 128 individuals, as precautionary measures on 14 August 2012; provided free ride vehicles to stranded people with San Simon; and, continuous provision of assorted packs of relief goods to the affected families.
- PDRRMC Aurora Emergency Operation Center was activated since 12:00 NN 14 August 2012; closely monitoring fishing boats and small seacrafts and advised them not to venture out into the sea against big waves and storm surge; and, prepositioned Aurora Rescue Team on standby for possible SAR and evacuation operation.
- PDRRMC Tarlac Emergency Operation Center still on alert status; alerted all the MDRRMOs to closely monitoring their AOR.
- CDRRMC Olongapo alerted the BDRRMCs of the 17 barangays and informed people living near the rivers to be ready for the possible occurrence of flashfloods and also alerted the residents living in mountains to prepare for possible danger of landslides.