



NDRRMC UPDATE

SitRep No. 08 re Effects of Tropical Storm "HELEN" and Enhanced Southwest Monsoon

Releasing Officer:


USEC BENITO T. RAMOS
 Executive Director, NDRRMC and
 Administrator, OCD

DATE : **16 August 2012, 5:00 PM**

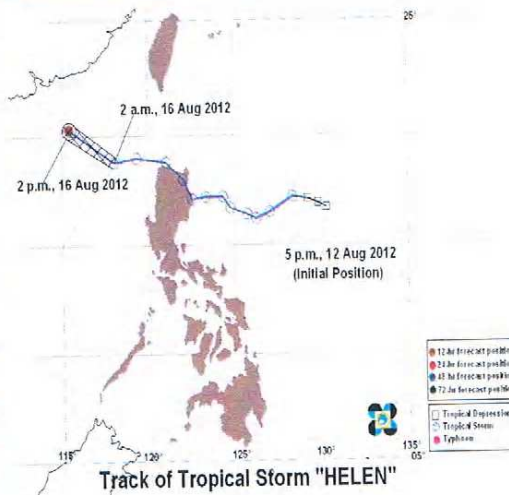
Sources: PAGASA, I, II, IV-A, IV-B, V, CAR

I. CHRONOLOGY OF EVENTS

On 2:00 PM 11 August 2012, the Active Low Pressure Area East of Central Luzon developed into a Tropical Depression and was named "HELEN" and moved towards Extreme Northern Luzon. On 10:00 AM of August 13, 2012 the Center of HELEN was estimated at 550 km East Northeast of Casiguran, Aurora.

On or about 10:00 PM 13 August 2012, "HELEN" intensified into a tropical storm and threatened Northern Luzon.

On 4:00 AM of August 15, 2012, Tropical Storm "HELEN" made landfall over Isabela traversing Northern Luzon. As of 4:00 AM today, August 16, 2012, the center of the Tropical Storm HELEN was estimated at 290 km West Northwest of Laoag City and has accelerated further as it moves away from the country.



II. SITUATION OVERVIEW

EFFECTS:

A. INCIDENTS MONITORED (TAB A)

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

B. AFFECTED POPULATION (TAB B)

A total of 19,923 families / 86,741 persons were affected in two hundred seventeen (217) brgy's in Regions I, III and CAR. **2,887 families/10,616 persons** are currently residing in seventy-seven (77) evacuation centers.

C. CASUALTIES (TAB C)

As of 15 August 2012, there are eight (8) dead, four (4) injured, two (2) missing and one (1) rescued.

D. FLOODED AREAS (TAB D)

A total of **fifteen (15) 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 **seventeen (17)** roads and **eight (8)** bridges are not passable in Regions I, III, IV-A, IV-B and CAR.

2. Status of Power Supply

- **power supply in the following municipalities are already restored:**
 - **Sta. Ana, Cagayan**
 - **Gonzaga, Cagayan**
 - **Sta. Teresita, Cagayan**

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 |
| TOTAL | ₱ 755,000.00 |

Agriculture (Rice and Corn)

| Region/Province | Total |
|-----------------|------------------------|
| Region I | |
| <i>Rice</i> | ₱ 48,770,130.87 |
| <i>Corn</i> | ₱ 20,610.00 |
| TOTAL | ₱ 48,790,740.87 |

H. COST OF ASSISTANCE (TAB F)

- A total of **₱ 173,943.00** worth of relief assistance have been provided by DSWD and **₱ 1,138,773.00** by LGUs.

I. DAMAGED HOUSES (TAB G)

- A total of **20 houses** were damaged in Regions I, III and **CAR** of which **ten (10) totally** and **ten (10) partially** damaged.

J. STATUS OF DAMS AND WATERWAYS MONITORED (As of 6:00 AM 16 August 2012)

| DAM | CURRENT WATER LEVEL (m) | SPILLING LEVEL (m) | GATE OPENING |
|-------------|-------------------------|--------------------|---|
| ANGAT | 213.31 | 210.00 | 3 gates / 3 m = 437 cms |
| IPO | 100.20 | 100.80 | 4 gates / 3.25 m = 440 cms |
| LA MESA | 79.22 | 80.15 | |
| AMBUKLAO | 750.47 | 752.00 | 1 gate / 1 m = 195 cms |
| BINGA | 573.36 | 575.00 | 3 gates / 2.5 m = 375 cms |
| SAN ROQUE | 280.50 | 280.00 | 2 gates / 1 gate @ 1m and the other at .5m (As of 11AM) |
| PANTABANGAN | 209.64 | 221.00 | |
| MAGAT | 191.02 | 190.00 | CLOSED at 6:34 PM |
| CALIRAYA | 285.93 | 288.00 | |
| BUSTOS | 17.35 | 17.70 | Rubber gate 4 - fully deflated, Total discharge - 477 cms |

K. SUSPENSION OF CLASSES (As of 16 August 2012)

- Classes from pre-elementary to high school levels in Coron, Palawan have resumed.
- Classes from pre-elementary to high school levels in Mamburao, Occidental Mindoro have resumed.

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

- At about 6:00 AM 16 August 2012, a total of 98 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 | | | |
| Bulan Port | 33 | | M/B SUN Riser | | Bound for San Fernando, Masbate |
| TOTAL | 98 | (5) MVs | (8) MBs | (3) MVs, (2) MBs | |

M. RESPONSE ASSETS 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 II

- 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.

III. ACTIONS TAKEN (TAB H)

EFFECTS OF TROPICAL STORM "HELEN"

INCIDENTS MONITORED
As of 16 August 2012, 5:00 PM

| REGION/ AREA | TIME/DATE OF OCCURRENCE | DESCRIPTION | REMARK/S |
|--|---|---|---|
| TOTAL INCIDENTS MONITORED (10) | | | |
| DROWNING INCIDENTS (2) | | | |
| REGION I (2) | | | |
| 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 fall in a flooded rice field. | |
| FLASHFLOOD (1) | | | |
| REGION III (1) | | | |
| 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 seven hundred fifty-eight (1758) persons affected to San Lorenzo ES, Sta. Rita ES, Santo Rosario ES, Culiati ES and Felipe Estrella ES. |
| LANDSLIDE (4) | | | |
| CAR (2) | | | |
| Baguio City | On or about 7:00 AM, 15 August 2012 | Minor landslide incident occurred in Brgy. Honeymoon, Baguio City that damaged a shanty house owned by Leo S. Liddawa. | No casualties reported. |
| | 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. |
| REGION I (1) | | | |
| 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 |
| REGION III (1) | | | |
| 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. |
| FLOODING INCIDENTS (3) | | | |
| REGION I (3) | | | |
| 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 Brgys. 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. |
| | | | |

**EFFECTS OF TROPICAL STORM "HELEN" (KAI-TAK)
ENHANCED BY SOUTHWEST MONSOON
AFFECTED POPULATION
As of 16 August 2012, 5:00 PM**

| 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 | 217 | 19,923 | 86,741 | 77 | 2,887 | 10,616 | 10,327 | 21,975 | 13,214 | 32,591 |
| REGION I (ILOCOS REGION) | 183 | 17,764 | 78,825 | 34 | 860 | 3,730 | 10,320 | 21,939 | 11,180 | 25,669 |
| ILOCOS NORTE | 26 | 1,593 | 6,241 | - | - | - | - | - | - | - |
| BADOC | 6 | 142 | 734 | | | | | | | |
| BATAV | 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 | | | | | | | |
| ILOCOS SUR | 9 | 686 | 3,438 | - | - | - | - | - | - | - |
| CABUGAO | 2 | 60 | 300 | | | | | | | |
| CERVANTES | 1 | 1 | 13 | | | | | | | |
| SUGPON | 6 | 625 | 3,125 | | | | | | | |
| LA UNION | 126 | 13,771 | 61,436 | 28 | 571 | 2,368 | 10,320 | 21,939 | 10,891 | 24,307 |
| 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 | 2,968 | | | | | | | |
| 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 | | | | | | |
| PANGASINAN | 22 | 1,714 | 7,710 | 6 | 289 | 1,362 | - | - | 289 | 1,362 |
| 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 | 65 | 291 | | | 65 | 291 |
| CALASIAO | 4 | 70 | 301 | 1 | 70 | 301 | | | 70 | 301 |
| LAOAC | 2 | 109 | 580 | | | | | | | |
| SANTA BARBARA | 5 | 665 | 3,325 | | | | | | | |
| REGION III (CENTRAL LUZON) | 32 | 2,038 | 7,464 | 41 | 1,906 | 6,434 | 7 | 36 | 1,913 | 6,470 |
| ZAMBALES | 32 | 2,038 | 7,464 | 41 | 1,906 | 6,434 | 7 | 36 | 1,913 | 6,470 |
| 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 |
| CAR | 2 | 121 | 452 | 2 | 121 | 452 | - | - | 121 | 452 |
| BENGUET | 2 | 121 | 452 | 2 | 121 | 452 | - | - | 121 | 452 |
| BAGUIO CITY | 1 | 120 | 446 | 1 | 120 | 446 | - | - | 120 | 446 |
| LA TRINIDAD | 1 | 1 | 6 | 1 | 1 | 6 | | | 1 | 6 |

| AFFECTED AREAS | |
|----------------|-----|
| REGIONS | 3 |
| PROVINCES | 6 |
| CITIES | 4 |
| MUNICIPALITIES | 35 |
| BARANGAYS | 217 |

**EFFECTS OF TROPICAL STORM "HELEN" (KAI-TAK)
ENHANCED BY SOUTHWEST MONSOON
CASUALTIES
As of 16 August 2012, 5:00 PM**

| REGION/PROVINCE/ MUNICIPALITY/BARANGAY | Name | Sex | Age | Address | Cause / Date / Remarks | |
|---|----------|----------------------------------|-----|---------|---|---|
| GRAND TOTAL | 8 | DEAD | | | | |
| CAR | 3 | | | | | |
| 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 |
| Region I | 5 | | | | | |
| 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 |
| | 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. |
| 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 |
| | 1 | Jocelyn Ortega | F | 7 y/o | Brgy. Samang Norte, Bolinao, Pangasinan | Drowning |
| GRAND TOTAL | 2 | MISSING | | | | |
| Region V | 2 | | | | | |
| 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 |
| | 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 |
| GRAND TOTAL | 4 | INJURED | | | | |
| Region I | 3 | | | | | |
| La Union | 1 | Joy S. Aspiras | F | 24 y/o | Nazareno, Agoo, La Union | Hit by a falling tree |
| | 1 | Maria Sandria Aspiras | F | 8 mos | Nazareno, Agoo, La Union | Hit by a falling tree |
| | 1 | Julie Rivera | F | 53 y/o | Caba, La Union | Knee Injury |
| CAR | 1 | | | | | |
| Baguio City | 1 | Marcos Baniguen | 62 | M | Still undetermined | Landslides / Rescued and was brought to Baguio General Hospital |
| GRAND TOTAL | 1 | RESCUED/SURVIVORS | | | | |
| Region I | 1 | | | | | |
| 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, 5:00PM**

| AREA | CITY / MUNICIPALITY / DISTRICT | BARANGAYS |
|--|--------------------------------|--|
| Region I (As of 10:00 AM 16 August 2012) | | |
| La Union | | |
| | San Fernando | Cabaoran, Biday, Tanqui, Dalangayan West |
| | Bacnotan | Nagsimbaan Poblacion, Raols |
| | Bauang | Baccuit Norte, Paringao, Central West, Quinavite |
| | Luna-Bangar Road | Rimos 3, 4 and 5 |
| Pangasinan | | |
| | Calasiao | Talibaew, Lasip, 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 |
| | Dagupan | Lasip Chico |
| Region III (As of 4:00 PM 16 August 2012) | | |
| Tarlac | | |
| | Paniqui | |
| | Moncada | |
| Pampanga | | |
| | San Fernando | |
| | San Simon | |
| | Candaba | |

**EFFECTS OF TROPICAL STORM "HELEN" (KAI-TAK)
ENHANCED BY SOUTHWEST MONSOON
STATUS OF ROADS AND BRIDGES
"NOT PASSABLE"
As of 16 August 2012, 5:00 PM**

| LOCATION | SITUATION | ACTION(s) TAKEN |
|--|---------------------------------------|---|
| Region I | | |
| La Union | | |
| San Juan-San Gabriel Road km 280+000 | Earth/Rock Slides | Removal of slides is on-going for one (1) lane |
| San Fernando-Baguilin Road(km 274+500) | Earth/Rock Slides | removal of slides on-going |
| San Fernando-Baguilin Road(km 274+000-km 281+000) | Earth/Rock Slides | removal of slides on-going |
| San Fernando-Baguilin Road(km 284+000) | Road cut | removal of slides on-going |
| Cagayan | | |
| Magapit Suspension Bridge at Lallo | | on-going rehabilitaion works |
| Maguiling/Itawes Bridge, Tuao, Cagayan | | |
| Cagayan-Apayao Road, Itawes Overflow Bridge | Flooded | |
| Tawi Bridge, Peñablanca, Cagayan | | |
| Isabela | | |
| Cabangan-Sta. Maria Overflow Bridge | overflow bridge underwater | installed warning signs and barricades |
| Region III | | |
| Bataan | | |
| 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 |
| Pampanga | | |
| 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 Agustin, 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, | Floodwater (d=0.10-1.00 m) | Continuous monitoring |
| Region IV-A | | |
| Laguna | | |
| Paete-Famy-Poblacion Road km 102+000 - km 111+000 Panigil-Siniloan Section | Flooded | Monitoring, crew on Standby |
| Rizal | | |
| Marikina-Infanta Rd (Marcos Highway) km 34+100(Boso-Boso Section) | Cut Section | installed warning signs |
| Occidental Mindoro | | |
| Mompong Bridge Approaching "B" k0303+227 Barangay Tuban, Sablayan Occidental Mindoro | Scoured 104 l.m. | Installation of barricades |
| Car | | |
| Apayao | | |
| Claveria-Calanasan Road | Closed to traffic | Clearing operation on-going |
| Mt. Province | | |
| 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 |
| Benguet | | |
| Baguio-Bua-Itlogan road, Sitio Firstgate, Brgy. Ucab Itlogan Benguet | Closed to traffic | Clearing on-going |
| Kenon Road km 224+450 Camp 2 | Closed to traffic | Clearing on-going by Maintenance crew |
| Acop-Kapanga-Kibungan-Bakun Road, K0292+300, Salacop Section | Close to traffic | Clearing on-going |
| Kalinga | | |
| Tinglayan-Bontoc Road | Closed to traffic due to landslide | |

EFFECTS Southwest Monsoon Enhanced by TS "HELEN" (KAITAK)

COST OF ASSISTANCE

As of Wednesday, 16 August 2012, 5:00 PM

| Region/Province/Mun/City | NDRRMC | DSWD | LGUs | NGOs | DOH | TOTAL |
|--------------------------|--------|------------|--------------|------------|-----|---------------------|
| GRAND TOTAL | - | 173,943.00 | 1,138,773.00 | 134,100.00 | - | 1,446,816.00 |
| REGION I | | 173,943.00 | 1,138,773.00 | 134,100.00 | - | 1,446,816.00 |
| Pangasinan | | - | 247,600.00 | 134,100.00 | - | 381,700.00 |
| Bugallon | | | | | | 0.00 |
| Calasiao | | | 10,500.00 | | | 10,500.00 |
| Sta. Barbara | | | 99,750.00 | | | 99,750.00 |
| Rosales | | | | | | 0.00 |
| Bayambang | | | 9,750.00 | | | |
| Dagupan City | | | 104,500.00 | 134,100.00 | | |
| Urdaneta City | | | 23,100.00 | | | |
| La Union | | 173,943.00 | 812,514.00 | - | - | 986,457.00 |
| San Fernando City | | | 447,114.00 | | | 447,114.00 |
| Luna | | | 111,300.00 | | | 111,300.00 |
| Bangar | | | | | | 0.00 |
| Tubao | | | 10,650.00 | | | 10,650.00 |
| Balaoan | | | | | | 0.00 |
| Bacnotan | | | 750.00 | | | |
| San Gabriel | | | 750.00 | | | |
| Agoo | | | 96,600.00 | | | |
| Aringay | | | 300.00 | | | |
| Bauang | | | 2,700.00 | | | |
| Caba | | | 900.00 | | | |
| Naguilian | | 173,943.00 | 8,250.00 | | | |
| Sto. Tomas | | | 133,200.00 | | | |
| Ilocos Norte | | | 78,659.00 | | | |
| Sarrat | | | 2,640.00 | | | |
| Pinili | | | 57,819.00 | | | |
| Badoc | | | 12,450.00 | | | |
| Bacarra | | | 5,750.00 | | | |

**EFFECTS OF TROPICAL STORM "HELEN" (KAI-TAK)
ENHANCED BY SOUTHWEST MONSOON**

DAMAGED HOUSES

16 August 2012, 5:00 PM

| REGION | Province/Municipality | DAMAGED HOUSES | |
|--------------------|-------------------------|------------------|-----------|
| | | TOTALLY | PARTIALLY |
| GRAND TOTAL | | <u>20</u> | |
| | | 10 | 10 |
| Region I | <i>Sub-Total</i> | 5 | 3 |
| | La Union | | |
| | <i>Agoo</i> | 1 | 0 |
| | <i>Aringay</i> | 1 | 0 |
| | <i>Tubao</i> | 0 | 1 |
| | Ilocos Sur | | |
| | <i>Cervantes</i> | 0 | 1 |
| | Ilocos Norte | 3 | 1 |
| Region III | <i>Sub-Total</i> | 4 | 5 |
| | Zambales | 4 | 5 |
| | Masinloc | | |
| | <i>Sto Rosario</i> | 1 | 3 |
| | <i>Sta. Rita</i> | 1 | 2 |
| | <i>North Poblacion</i> | 2 | 0 |
| CAR | <i>Sub-Total</i> | 1 | 2 |
| | Baguio City | 1 | 2 |
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**PREPAREDNESS MEASURES AND EFFECTS OF THE SOUTHWEST MONSOON
ENHANCED BY TROPICAL STORM "HELEN" (KAI-TAK)
ACTIONS TAKEN
As of 16 August 2012, 5:00 PM**

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.

- **PCG II observed full alert status 24/7 manning of respective command centers and closely monitored maritime incidents; disseminated latest Weather Bulletin and coordinated to all detachments, fisher folks and barangay captains along coastal areas within our AOR regarding TS "Helen" and advised all small mbca/fbcas not to venture out at sea.**
 - **All stations/detachments were directed to coordinate with coastal barangays, shipmaster/owner and operators to exercise professional judgment and be guided on the memorandum circular regarding movement of vessel during heavy weather.**

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 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 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-HEMS**
 - **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; **continuously monitoring the Regional situation** and prepositioned drugs and medicines worth Php 100,000.00 each to 3 provinces (Isabela, Cagayan and Batanes) and Php 50,000.00 each to 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 I request for augmentation support of food and non-food items consisting of 1,000pcs blankets and mats, 500 boxes bottled water, 100 boxes canned goods and 70 sacks rice for 18,190 families/79,909 persons.**
 - **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.
 - **There are reported 281 families who had pre-emptive evacuation from 10 barangays of Maconacon, Isabela in 5 evacuation centers on 14 August 2012 at 6PM. They were given family food packs while at the evacuation center.**
 - **There were 370 fisher folks in the same municipality that were not able to go out fishing for 2 days were provided with food assistance. A total of Php 217,396.00 food assistance has been provided to the above-stated families in Maconacon, Isabela. DSWD provided Php 125,000.00 worth of family food packs, PDRRMC provided Php 42,850.00 worth of family food packs and MDRRMC provided Php 49,546.00 worth of family food packs.**
 - **There are also 286 fisher folks in the municipality of Palanan who were provided food assistance by the MDRRMC amounting to Php 38,610.00.**
 - **The DMRT of the FO and the SWAD of Cagayan and Isabela are still on a 24-hour duty for updates and reports from the affected provinces/municipalities.**
 - 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 and provided relief goods to the possible evacuees from 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.
- **BFP is on Heightened Alert. All units are on "on call" status.**
 - **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 Idefonso, Sto. Domingo, Caoayan, San Vicente and Sta. Catalina; activated its volunteers on field through powertext and placed standby ERU volunteers.
 - **PRC Zambales** coordinates continuously 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.
- **DRG II is on standby alert, ready for deployment as the need arises.**

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 repositioned 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
 - **Continuous dissemination of weather/flood bulletins, weather advisories and gale warnings to all concerned local DRMMCs, RDRRMC member-agencies, the tri-media and to several fishermen association thru facsimile and SMS.**
 - **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; **provide weather updates through the communication facilities of the Provincial Government, PNP and other broadcast media outlets; coordinates with LGUs to monitor the situation and provide report of any untoward incidence that may occur; preparation of relief goods and equipment for rescue and relief operations and other coordination activities.**
 - **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.
 - **PDRRMC Pangasinan on continuous monitoring; prepared disaster response equipment ready to respond to any eventuality; dispatched WASAR and PHERT personnel with assets to severely affected areas for rescue and relief operations.**
- **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 about the pre-evaluation of available resources and needs as preparedness measures for Tropical Storm "Helen" held at PDRRM Center on 13 August 2012, 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; **continuously monitoring the situation in the AOR and all resources are on standby status for possible evacuation and rescue operation.**
 - **CDRRMC Cauayan - RESCUE 922** are on standby for possible evacuation operations **and is continuously monitoring the situation in the AOR.**
 - **CDRRMC Santiago City** stockpiled 1,500 family packs for possible relief operation and readied all resources for possible evacuation and rescue operations; **All resources are on standby for possible evacuation and rescue operation and is continuously monitoring the situation in the AOR.**
 - **OCD II disseminated Weather Advisories to RDRRMC member-agencies, P/C/LDRRMCs and Local Media (radio stations) thru SMS and facsimile; coordinated with Local DRRMCs re situation in their AOR and preparedness activities to be undertaken and alerted them for possible occurrence of any emergency; alerted residents living in low lying areas and mountainous slopes against possible flashfloods and landslides.**
 - **OCDRC2 Operation Center is continuously monitoring the regional situation.**
- **RDRRMC III**
 - **RDRRMC Chairman** presided 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 barangays in Floridablanca
 - 1 barangay in Guagua
 - 16 barangays in Lubao
 - 7 barangays 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 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 sea crafts 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 and mountains to be ready for the possible occurrence of flashfloods and landslides.