

NATIONAL DISASTER RISK REDUCTION AND MANAGEMENT COUNCIL

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

NDRRMC UPDATE

Semi-Final Report on the Effects and Response Operations (Search and Rescue, Evacuation and Relief)

re: Typhoon "JUAN" (Megi)

[Glide No.-TC-2010-000205-PHL] (October 15 – 21, 2010)

Releasing Officer:



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

DATE: October 30, 2010

Sources: PAGASA, DPWH, PCG, DILG (PNP and BFP), DOH-HEMS, DSWD-DROMIC, NTC, NEA, AFP, NGCP, AFP, DA and OCDRCs I, II, III, IV-A, IV-B, CAR and NCR

I. CHRONOLOGY OF EVENT

On October 15, 2010 the tropical storm with international name "MEGI" located over Marianas intensified into a typhoon. On October 16, 2010, the typhoon east of northern Luzon entered the Philippine Area of Responsibility (PAR) and was named "JUAN" with maximum sustain winds of 140 kph and gustiness of up to 170 kph moving in a west northwest direction at 20 kph. On October 17, 2010, it intensified further with maximum sustained winds from 160 to 195 kph and gustiness of up to 195 to 230 kph, thus increasing its threat to northern Luzon.

Typhoon "Juan" continued to slow down on October 18, 2010 as it interacted with the landmass of eastern coast of Isabela; made landfall at Sierra Madre Mt. Estagno Point of Divilacan Peak; and weakened after crossing the Sierra Madre Mountain and off the coast of La Union. On October 19, 2010, it intensified and continued to move on a northwestward direction towards the South China Sea. On October 20, 2010, Typhoon "Juan" maintained its strength but remained almost stationary as it moved north northeastward slowly. On October 21, 2010, Typhoon Juan exited out of the country and moved towards the South China Sea.

II. COMPARATIVE ANALYSIS OF TYPHOON JUAN AND TYPHOON BASYANG

For 2010, Typhoon "JUAN" (MEGI) is the second destructive tropical cyclone that entered PAR from October 16-20, 2010 and the first one was Typhoon "Basyang". The strength of Typhoon Juan has a category of super typhoon with a maximum sustained winds ranging from 175 to 225 kph while that of Basyang ranged from 55 kph to 120 kph only. However, these two (2) destructive weather disturbances brought heavy devastations in Central and Northern Luzon.

The effects of Typhoon Basyang were very minimal compared to Typhoon Juan although they both made landfall and crossed mainland, Typhoon Basyang in the vicinity of Northern Quezon or Infanta, Quezon and Typhoon Juan in the vicinity of Palanan, Isabela.

III. OVER-ALL ASSESSMENT

Typhoon Juan affected six (6) regions, namely: Regions I, II, III, IV-A, NCR and CAR. **Region II** suffered the bulk of effects in terms of affected population and damaged houses with **Region I** as **No. 2** in terms of affected population and **CAR** in terms of damaged houses as shown below:

Profile of Effects	Region II	Region I	CAR
Affected Areas	1,379 brgys in 77 municipalities and 2 cities of 4 provinces	1,158 brgys in 71 municipalities and 7 cities of 4 provinces	557 brgys in 52 municipalities and 1 city of 6 provinces
Affected Population	197,373 families 892,844 persons	118,632 families 556,688 persons	58,272 families 319,920 persons
Damaged houses	26,235 totally 87,624 partially	1,652 totally 14,428 partially	2,086 totally 15,736 partially

In terms of **damage to agriculture**, Region III ranked No. 1, followed by Region I, then Region II and CAR; while in terms of damage to infrastructure, Region 2 ranked No. 1 followed by CAR, then Region I and III as shown below:

Profile of Effects	Region I (in PhP)	Region II (in PhP)	Region III (in PhP)	CAR (in PhP)
Agriculture	3,039,495,668 (2)	2,928,145,620 (3)	3,215,594,255 (1)	2,344,754,321 (4)
Infrastructure	84,026,312 (3)	248,699,000 (1)	40,018,750 (4)	108,839,994 (2)

Department of Agriculture's Assessment on Effects of Agriculture (As of 3:00 PM 28 October Report)

- ❖ Losses to the agriculture sector in terms of production and infrastructure is estimated at **PhP11.53 Billion**. Production loss of the rice sector is the biggest at **PhP8.93 Billion**, followed by High Value Commercial Crops (HVCC) at **PhP660 Million** and corn at **PhP367.96 Million**. Damage to fisheries is estimated at **PhP212.50 Million**, while livestock at **PhP10.62 Million**
- ❖ Pangasinan, Isabela and Nueva Ecija suffered the biggest losses estimated at **PhP2.40 Billion**, **PhP2.09 Billion** and **PhP1.59 Billion**, respectively
- ❖ A total of **449,553** hectares were affected in **21** provinces of four (4) regions of Luzon as follows: CAR (Ifugao, Apayao, Mt. Province, Benguet, Kalinga and Abra); Region I (Pangasinan, Ilocos Sur, Ilocos Norte, La Union); Region II (Isabela, Nueva Vizcaya, Quirino and Cagayan); and Region III (Nueva Ecija, Zambales, Aurora, Pampanga, Tarlac Bulacan and Bataan)
- ❖ **Areas Affected, Volume Lost and Value Per Sector**
 - **Rice** – **425,134 hectares** of rice lands were affected in 21 provinces, resulting to the loss of some **523,013 Metric tons** of palay worth **PhP8.93 Billion**. Completely damaged were **8,997 hectares** and with chance to recover **416,137 hectares**

- **Corn – 18,048 hectares** of corn fields were affected in 18 provinces (Abra, Apayao, Ifugao, Kalinga, Mt. Province, Ilocos Norte, Ilocos Sur, La Union, Pangasinan, Cagayan, Isabela, Quirino, Aurora, Bataan, Bulacan, Nueva Ecija, Pampanga and Tarlac) resulting to a loss of **26,986 MT** corn grains. Of the area affected, **748 hectares** have no chance of recovery and **18,048 hectares** could still recover
- **High Value Commercial Crops – 6,371 hectares** were affected consisting of **5,072 hectares** planted to vegetables, **681 hectares** to mango and **609 hectares** to banana resulting to the loss of **21,710 MT**. Bulk of the losses came from in vegetables from Mt. Province, Benguet and La Union and Pangasinan; Mangoes also from Pangasinan and Bananas from Apayao
- **Livestock/Poultry – PhP10.62 Million** was lost from livestock (Carabao, Swine, Goat, Cattle) and poultry (Duck, Chicken, Turkey, Geese) in Regions I, II and CAR
- **Fisheries – PhP212.50 Million** worth of fishponds, fish cages, 5 “payaos” fingerlings/fry/juvenile and marketable fishes (Tilapia, Siganids, Bangus and Vannamei shrimps) was lost
- **Infrastructure /Facilities** - Total damage to infrastructure (farm to market roads and irrigation projects) is estimated at **PhP90.10 Million** and infrastructure for fishery, livestock and DA facilities at **PhP77.46 Million**
- ❖ **Impact of Typhoon Juan to the 4th Quarter Production of Rice and Corn**
 - **Rice** - the typhoon affected a total of **425,134 hectares** of rice area which is **22.85%** of the **1,860,395 hectares** supposed to be harvested in the whole country from October to December 2010. On the other hand, production loss is at **523,013 MT** which is **7.47%** of the forecast production of **6,997,964 MT** in the country
 - **Corn** - the **18,048 hectares** affected is **2.80%** of the **645,695 hectares** harvestable area in the 4th quarter. Lost production of **26,986 MT** is **1.68%** of the **1,503,758 MT** forecast production for the period

IV. OVER-ALL SUMMARY OF EFFECTS

Typhoon Juan’s passage in the country brought following effects in terms of affected areas and population, casualties and damages to lifelines and agricultural productions.

- ❖ **Affected Population (Details on Tab A)**
 - A total of **427,962 families/2,008,984** persons were affected in 3,434 barangays of 240 Municipalities and 17 Cities of 23 Provinces in Regions I, II, III, IV-A, CAR and NCR
 - Of the 427,962 families affected in six (6) regions, 56.61% (237,979 families) was served. Out of the total families served, 6.75% (16,065 families) was served inside 454 evacuation centers while 93.25% (221,914 families) was served outside at the height of relief operations. As of 6:00 AM, 28 October 2010, there were 81,615 families/370,651 persons served both inside and outside evacuation centers: 1,388 families/5,144 persons inside and 80,227 families/365,537 persons outside. Of the 454 evacuation centers utilized, 12 ECs are still operational serving 1,388 families. The 442 centers were already closed with the return of 14,667 families to their respective communities or places of origin
- ❖ **Casualties**
 - Typhoon Juan left in its wake 77 casualties: 31 dead, 42 injured and four (4) missing. In terms of the number of deaths, Pangasinan ranked as No.1 (10) followed by Zambales (5) and in terms of the number of injuries, Pangasinan also ranked No. 1 (10) followed by La Union (8) and Kalinga and Benguet (6), and in terms of missing persons, Nueva Ecija ranked No. 1 with (3) followed by Aurora (1). **(Details on Tab B)**

<u>Dead: 31</u>	Region I	14 (10 - Pangasinan, 2 - La Union and 2 - Ilocos Sur)
	Region II	3 (1 - Cagayan and 2 - Isabela)
	Region III	8 (1 - Nueva Ecija, 2 - Tarlac and 5 - Zambales)
	CAR	5 (1 - Kalinga, 1 – Trinidad/Benguet, 1 - Baguio City / Benguet and 2 - Ifugao)
	NCR	1 (Quezon City)
<u>Injured: 42</u>	Region I	18 (10 - Pangasinan, 8 - La Union)
	Region II	9 (7 - Cagayan, 2 – Isabela)
	Region III	1 (Bulacan)
	CAR	14 (6 – Kalinga, 6 – Benguet and 2 - Apayao)
<u>Missing: 4</u>	Region III	4 (1 - Aurora, 3 - Nueva Ecija)

❖ Damages

- The total number of houses damaged was **148,222 (30,048 totally and 118,174 partially)**. Region II ranked as No.1 in terms of totally/partially damaged houses (**26,235 totally/87,624 partially**).The bulk of damages came from Isabela Province (**25,186 totally / 72,828partially (Details on Tab C)**)
- The estimated cost of damages to infrastructure and agriculture in Regions I, II, III, IV-B and CAR was placed at **PhP12,013,575,820**. Agricultural production incurred heavy devastation most specially rice and corn (**PhP9.295 B**); Irrigation facilities (**PhP1.182 B**) and HVCC (**PhP660.0 M**) (**Details on Tab D**)

Infrastructure	PhP485,586.056
Roads, bridges	PhP 89,950,000
Schools	376,247,744
Health Facilities	19,388,312
Agriculture	PhP 11,527,989,764
Rice and corn	PhP9,295,089,815
Livestock	10,624,266
HVCC	660,004,964
Fisheries	212,505,219
Irrigation	1,182,200,000
Facilities	167,565,500

- In Tabuk, Kalinga, a school building with textbooks, instructional materials, computers, equipment and other school properties and facilities sustained partial damages amounting to P220,000.00. NFA warehouse in Tumauni also sustained damages with half of its roofing blown off by strong winds damaging around 10,000 bags of rice and 5,000 bags of palay. The roofs of 25 Gawad Kalinga houses in Tumauni were also blown off by strong winds

V. LIFELINES AFFECTED

❖ Roads

- Several road sections in Regions I, II, III, IV-A and CAR were closed to traffic due to slides and roadslips most specially in Region CAR such as: Itogon-Dalupirip Road (Km 269+200 to 276+000); Kalinga-Abra Road (Km 463+000 to Km526+500 - Intermittent section); Balbalan- Pinukpuk Road (Km 481+300 to Km 523+399); Banaue-Mayoyao-Aguinaldo-Isabela Boundary Road (Km 340+000 to Km 381 Mayoyao section); Mt. Province-Boundary-Calan-an-Road (Gonogon-Tinglayan Boundary Section); and Lubuagan-Batong Buhay-Abra Boundary Road (Km

476+200 to Km 459+400). The DPWH's Local Engineering Districts in Regions I, II, III and CAR conducted massive clearing operations in various road sections affected by slides

❖ **Power**

- Massive power interruptions were experienced in 11 provinces: Region I (Pangasinan, La Union, Ilocos Sur and Ilocos Norte); Region II (Isabela, Cagayan, Quirino and Nueva Vizcaya); CAR (Ifugao, Benguet and Mt. Province) due to the temporary cutting off of power supply of electric cooperatives (ECs) namely INEC, ISECO, LUELCO, CENPELCO, PANELCO I and II, CAGELCO I and II, NUVELCO, QUIRELCO, ISELCO I and II, IFELCO, BENECON, MOPRECO and KAELCO that were affected by the tripping off NGCP transmission lines, toppled electrical posts and uprooted trees

❖ **Dams**

- Magat, Ambuklao and Binga dams opened their respective gates. In view of the expected increase of the rainfall intensity of Magat watershed within the next 24 hours, DOST-PAGASA recommended that power generation of Magat Dam be maximized before any impending releases from the spillway as part of flood control protocol and to provide updates on time of water release from the spillway should the situation warrants. Magat Hydro-Electric Power Plant/Dam started releasing water at 190.84 cubic meters per second since the facility can only hold 193 meters water level. Prior to the release of water, affected low-lying municipalities of San Mateo, Cabatuan, Aurora, Burgos, Luna, Reina Mercedes, Naguilian and Gamu were advised of the water rise

❖ **Communication Facilities**

- SMART telecoms reported that its network coverage and capacity in Regions 1, 2 and CAR is running at 97%. Hence facilities in the adversely affected areas were operational. A free call station was established in Ilagan, Isabela to serve affected families and give support to personnel involved in disaster and relief operations. Free call stations were also set up in other locations
- GLOBE telecoms reported that 115 base stations (2G), 33 nodes (3G) and 2 WIMAX sites (Regions 1, 2, parts of 3 and CAR) were damaged/affected
- SUN Cellular also reported that 89 sites were down in Regions 1, 2 and CAR due to power outage and strong winds. Hence the local network was down. It was fully restored within a week's time

VI. ACTIVATION AND PREPAREDNESS MEASURES

❖ **National**

- As early as October 15, 2010, NDRRMC OpCen was put on blue alert status and on October 17, 2010 into red alert status where all member agencies sent their representatives on 24-hour duty at the NDRRMC OpCen; Satellite phone earlier donated by the European Union (EU) thru Telecom Sans Frontier was activated in case of local communication breakdown; Activated WASAR capabilities in Metro Manila in case needed within NCR or for deployment to Northern Luzon; and AFP Reservists mobilized with a contingent assembled in Camp Aguinaldo (**Details per Agency on Tab E**)

❖ **Regional**

- Likewise, the Emergency Operations Centers (EOCs) of Regional DRRMCs I, II, III, IV-A, CAR and NCR were activated and put on alert status since October 15, 2010 and effected the following preparedness measures: NDRRMC-OPCEN continuously disseminated NDRRMC Advisory on Typhoon "JUAN" (Megi) to all

regions through SMS, facsimile and NDRRMC website for further dissemination to local DRRMC from the provincial down to the municipal levels; Continuous dissemination of weather bulletins, flood advisories and gale warnings to respective local DRRMCs; Close coordination with PDRRMCs and M/CDRRMCs in areas likely to be hit and affected to take precautionary measures like pre-emptive evacuation of families in low-lying areas and near mountain slopes as necessary; Prepositioning of response/search and rescue assets (personnel, equipment, logistics and relief goods) for possible evacuation and relief operations; and Conducting of meetings with respective National, Regional and Provincial DRRMCs' Members for preparedness measures and actions to be executed **(Details per Region - Tab F)**

VII. EMERGENCY MANAGEMENT

A. Search and Rescue, Retrieval and Evacuation Operations

- ❖ Cumulatively, there were 16,065 families/69,279 persons rescued and evacuated to 454 evacuation centers established in Regions I, II, III, IVA, CAR and NCR. As of October 28, 2010, 12 evacuation centers are still operational serving 1,388 families / 5,114 persons. Designated evacuation centers were schools, barangay halls, churches and gymnasiums
- ❖ Baguio City Emergency Medical Services (BCEMS), Baguio City Fire Station, Baguio City Police, Baguio Benguet Public Information and Civic Action Group (BBPICAG) conducted SAR operations; Philippine Red Cross Cagayan Chapter prepositioned rescue facilities for possible rescue operations; PCG deployed two (2) teams (7 men per team) to Sta. Ana and Aparri, Cagayan to assist in evacuation and rescue operations; PDRRMO, PEO, PRC and DPWH conducted evacuation and relief operations in Sta. Cruz, Zambales; BFP III rescued 20 families from St. Jude Village Brgy San Agustin and San Isidro, San Fernando City, Pampanga; Anao DRRMC evacuated ten (10) families from Brgy. Senense, Anao to San Juan Elementary School in San Juan, Moncada, Tarlac; and DRRMC Tarlac dispatched 1 DART team with rubber boat and 1 M35 truck from 3rd mechanized IB to assist in the evacuation of 15 families from Brgy. Apulid, Paniqui to South Central School in Paniqui

B. Relief Operations

- ❖ **Summary of Assistance and Population Served (Details on Tab G)**
 - The overall amount of assistance provided to the victims of typhoon Juan was placed at **PhP66,104,799.37**:
 - **DSWD – PhP9,346,502.87**; **LGUs – PhP17,700,145.50**; **PRC – PhP37,295,495.00**; and **NGOs/Other GOs – PhP1,762,656.00**
 - From October 16 - 26, 2010, there were **237,979 families/1,081,091 persons** served both inside and outside evacuation centers
 - As of October 28, 2010, the total number served were **81,615 families/370,651 persons**, broken down as follows: **1,388 families/5,114 persons** inside 12 evacuation centers and 80,227 families/365,537 persons outside evacuation centers
- ❖ **Chronology of Airlift/Transport Operations in Isabela and Cagayan**
 - A total of **PhP13.51 Million** worth of relief supplies consisting of tents, noodles, canned goods, clothing, mats, bedsheets, blankets, superior biscuits, family packs and water jugs were either airlifted or transported/hailed to Tuguegarao and Cauayan, Isabela to wit:
October 20, 2010 – DSWD trucks transported/hailed relief supplies worth PhP869,072.00

October 21, 23, 24 and 25, 2010 - PAF C-130 and UN C1-30 aircrafts airlifted relief supplies worth PhP12.64 million

- October 22 to 23, 2010 – **5 US military aircrafts** airlifted **172,470 lbs** of DSWD's relief goods consisting of rice, water, biscuits, other food items and 100 tents from Cauayan, Isabela (the drop off points of donations coming from both the government and non-government agencies) to the isolated municipalities of Palanan, Maconacon, Divilican with 27 sorties or 166.5 hours completed
- NDRRMC requested the Department of Foreign Affairs for the approval of Diplomatic Clearance for the immediate flight mission of US military aircraft and the presence of DFA representative at the NDRRMC EOC to take charge in processing the diplomatic clearance that may arise in the deployment of a US military aircraft
- DSWD prepositioned **PhP9.3 Million** worth of emergency supplies such as high energy biscuits, blankets, mats, food packs, tents, water jugs, etc. at the Villamor Air Base, Pasay City ready for airlift and transport to Isabela Province
- October 25, 2010 - AFP-PAF C-130 departed Villamor Air Base to Cauayan, Isabela to transport 41,600 lbs of DSWD's assorted relief goods with two (2) shuttles made at 0550H and 1125H
- October 25, 2010 at 1345H - PN Vessel "BRP Dagupan City"(LC551) departed PN Headquarters to transport the following: two (2) truckloads of relief supplies from DSWD; generator set from World Food Program; and heavy equipment from AFP for clearing operations in the three (3) coastal towns of Isabela
- CSAFP advised the Commander, NFLN to direct CO, LC661 to accommodate 200 tons of construction materials and four (4) drums of POL Products at Port Irene, Casambalangan, Sta. Ana, Cagayan on October 27, 2010 to be transported to the three coastal towns of Isabela. Likewise, CSAFP advised NFLN to direct CO, LC661 to accommodate the food and non-food items of UNICEF at Port Irene, Casambalangan, Sta. Ana, Cagayan worth PhP254,129.21 US\$ equivalent to 752.801 cubic meters or 39 tons also intended for the three (3) coastal towns of Isabela
- DSWD earmarked **PhP10.1M** additional standby funds worth PhP9 Million for ongoing operations (CAR PhP2.3 Million); Region I (PhP2.3 Million) and Region III (PhP5.5 Million) and administrative support worth P1.1 Million

C. Rapid Damage and Needs Assessment (RDANA)

- ❖ To facilitate the immediate conduct of damage and needs assessment in heavily devastated provinces of Isabela and Cagayan, the NDRRMC issued **Memorandum No. 21** to OCDRDs I, II and CAR on the "Conduct of Damage and Needs Assessment" utilizing Regional DRRMC Emergency Rapid Assessment Team (ERAT) and **Memorandum Circular No.1** on the "Guidance in the Conduct of Disaster Needs Assessment re: Typhoon "Juan" to guide the rapid assessment teams working locally or in coordination with various humanitarian organizations in addition to existing policies and procedures in the conduct of rapid and sectoral needs assessments
- ❖ On or about 0730H20 October 2010 after Typhoon Juan made landfall in mid northern Luzon, Defense Secretary Voltaire Gazmin, Chairperson, NDRRMC together with Secretary Jessie Robredo, DILG Vice-Chairperson for Disaster Preparedness, USEC Benito Ramos, Executive Director, NDRRMC/Administrator, OCD and joined by ASEC Vilma Cabrera of DSWD, Dir. Betty Sumait of DPWH, Ms. Candelaria de Juan of DepEd and Defense Press Corps on board PAF F-27 plane took off Villamor Air Base to conduct rapid damage and needs assessment in Isabela and Cagayan and US Aircraft (C-12) with AFP-US combined assessment team on board for Tuguegarao City.
- ❖ The assessment group proceeded to Tuguegarao City first being the regional center for dialogue with the regional DRRM Council, then preceded to Ilagan,

- Isabela to meet with the local chief executives down to the municipal level. Post activity of 1st National Rapid Assessment Team is attached **(Details on Tab H)**
- ❖ On October 23, 2010, a **Joint NDRRMC/UN Team** proceeded to Isabela and Cagayan to further validate the extent of damages in heavily devastated provinces of Cagayan and Isabela and assess the needs/requirements for purposes of assistance coming from UN System. The team, upon completion of assessment, conducted a follow through meeting on 26 October 2010 to consolidate and finalize the data gathered from the fields and come up with recommendations based on the findings
 - ❖ Final assessment is attached **(Details on Tab I)**
 - ❖ The DSWD deployed six (6) national QRT members to the affected areas to assist the DSWD-FOs in the conduct of rapid assessments on the extent of damage and for formulation of indicative plans for continuing relief and implementation of early recovery and rehabilitation projects and activities
 - ❖ The Education in Emergencies Cluster headed by DepEd conducted a joint damage assessment and needs analysis (DANA) in the province of Isabela and Cagayan

D. Coordination Meetings/Conference/Briefings Conducted

- ❖ On 17 October, 9:00 AM and 18 October, 9:00 AM, the NDRRMC conducted meetings at Camp Aguinaldo to discuss plans, preparations and updates on Typhoon “Juan”. Chairperson, NDRRMC acknowledged the extensive degree of preparations already made for Typhoon Juan and issued **over-all guidance** “Every one should work religiously to achieve “Zero Casualty”; all concerned agencies have to go through last minute check-up of personnel on-duty and equipment; National, Regional and Local Executives must manage their people who are rendering duty to ensure continuity of emergency operations; Regular updates on affected areas have to be provided and everyone should continue with the preparation and incident monitoring
- ❖ On 20 October 2010, the NDRRMC Executive Director conferred with COMELEC Chairman Jose Melo and all Commissioners at Camp Aguinaldo, Quezon City for a briefing on the effects of Typhoon Juan that might affect the conduct of Barangay and SK Election on October 25, 2010. The meeting was attended by the Presidents of League of Cities of the Philippines (LCP), League of Provinces of the Philippines (LPP); League of Municipalities of Philippines (LMP), Union of Local Authorities of the Philippines (ULAP) and Liga ng mga Barangay (LMB), Secretaries, DILG, DSWD, DepEd, DPWH, AFP Chief of Staff, Director NEA and National Grid Corporation of the Philippines (NGCP)
- ❖ On 22 October 2010, Post Evaluation Meeting of the NDRRMC Technical Management Group (TMG) was conducted at NDRRMC Conference Room, Camp Emilio Aguinaldo, Quezon City. The agenda was focused on the update of Typhoon Juan and the impending entry of Typhoon Katring in the country as well as the assessments of preparedness and response actions re typhoon Juan Highlights of the post evaluation meeting is attached **(Details on Tab J)**
- ❖ On October 24, 2010, Chief, Operations Division conducted briefing orientation at NDRRMC-Emergency Operation Center (EOC) among the member agencies’ representative rendering duty at EOC on the NDRRMC existing systems and procedures during response mode most specially on the schedule of submission of reports at EOC to strengthen feedback mechanism, track of approaching Typhoon Katring and features of DRRM Bill Act.
- ❖ OCDRD II conducted briefings with local media /radio (Bombo Radio & DZBB) and briefed the Chairperson, NDRRMC and party re Effects of Typhoon Juan in Region II upon arrival at Tuguegarao Airport on October 20, 2010
- ❖ RDRRMC I conducted two (2) emergency meetings on October 17 and 18, 2010 with NFNL, CGDNL and PRO I with the following agenda: Deployment of teams,

prepositioning of assets and establishment of Command Posts in identified critical areas and designation of COPS as Incident Commanders

E. Suspension of Work and Classes

- ❖ The Office of the President issued **Memorandum Circular No. 4** on the suspension of work in government offices in Regions I, II and CAR on 19 October 2010, except those agencies whose functions involve the delivery of basic health services, preparedness/response to disasters and calamities and/or the performance of other vital public services in view of the recommendation of NDRRMC and in view of the continuing inclement weather brought by Typhoon “Juan”
- ❖ NDRRMC recommended the immediate suspension of classes at all levels in the National Capital Region on 19 October 2010 in view of PAGASA’s Special Weather Scenario and Outlook that Typhoon “Juan” is expected to bring heavy rains in Metro Manila and surrounding provinces

F. Clearing /Sandbagging Operations

- ❖ DPWH-CAR prepositioned 38 units of heavy equipment in landslide prone areas; Baguio City Emergency Responders cleared obstructed roads in the city; RPSB PRO I deployed its team on October 19, 2010 led by the Battalion Commander to conduct clearing operations in various areas in Pangasinan and Ilocos Sur; DPWH, PNP and PA Region II conducted clearing operations in various critical areas in the region; DRRMC Tarlac dispatched 2 dump trucks to deliver sand and 500 pcs of empty sacks for sandbagging at Batacan River in San Clemente Tarlac and Barangay Sapang, Moncada and one cargo truck with DART operatives to assist the Sta Ignacia Backhoe in the clearing operations at Bayanihan Bridge; Elements of PNP III and BFP III conducted clearing operations in Sta Ignacia, San Manuel, Moncada, Paniqui and Anao all of Tarlac; and PNP III personnel assisted in the sandbagging operations to control the overflow of Batacan River

G. Areas Declared Under a State of Calamity

- ❖ The following areas were declared under a State of Calamity through passage of local Sanggunian Resolutions: Region I (Provinces of Pangasinan, Ilocos Norte and La Union)
- ❖ Region II (Province of Isabela); and Region III (Province of Zambales and Municipalities of Moncada, Paniqui, San Clemente and La Paz in Tarlac Province)

VIII. CLUSTER’S ACCOMPLISHMENTS

Food and Non-Food Items (NFIs)

A total of PhP13.51 Million worth of DSWD’s relief supplies consisting of tents, noodles, canned goods, clothing, mats, bedsheets, blankets, superior biscuits, family packs and water jugs were either airlifted or transported/hailed to Tuguegarao and Cauayan, Isabela; **DSWD** prepositioned Php9.3 Million worth of emergency supplies such as high energy biscuits, blankets, mats, food packs, tents, water jugs and etc. at the Villamor Air Base, Pasay City ready for airlift and transport to Isabela Province and earmarked PhP10.0M additional standby funds consisting of PhP9M for the ongoing relief operations and PhP1.1M for administrative support) for the following regions: CAR (PhP2.3M); Region I (PhP2.3 M) and Region II (PhP5.5 M); **President Benigno S. Aquino III** turned-over the DSWD II relief goods to Gov. Bogie Dy III and Vice-Gov. Rodito Albano during his visit on October 21, 2010; **DSWD FO II** repacked family packs utilizing volunteers for augmentation support to LGUs; **PSWDO Pangasinan** distributed 10,000 packs of assorted relief goods while the PSWDO Isabela prepared 2,504 family food pack; **PDRRMC Cagayan** conducted mass feeding at the evacuation centers while the **PDRRMC Ilocos Norte** prepared food stuffs and equipment in strategic areas; **Operation Blessings** donated alluminum and metal sheets/bars, sagwan, motor with

stand, rubber boat, fiber glass boat, blankets, mats, plastic bags, rice mix and life vests to the Province of Isabela; **WFP** donated 12 boats with engines and 3 generators amounting to US \$147,200. The boats and 2 generators were delivered to Ilagan c/o Col Inovejas; and **PRC** deployed water search and rescue team; served 5,959 families in Isabela, Pangasinan, Tarlac, La Union, Benguet and Baguio City; 3,112 families in Isabela and Pangasinan with non-food items (2 plastic mats, 2 mosquito nets, 2 blankets and jerry cans per family); 1,791 families in Isabela and Pangasinan with hygiene kits; and 531 families in Isabela with tarpaulins and will provide food items, non-food items, hygiene kits and tarpaulin to the 9,000 families in Isabela, 2,510 families in Cagayan and 2,710 families in Kalinga. The estimated cost of assistance amounted to PhP37,295,495.

Health, Water Sanitation and Hygiene and Psychosocial Intervention

CHDs I, II, III, CAR and NCR prepositioned logistics worth **PhP1,689,451.34** in the following provinces/PHTOs: Pangasinan, La Union, Ilocos Sur, Sinait-Ilocos Sur, Ilocos Norte PhP905,909.89, CHD III (Aurora, Zambales and Tarlac) - PhP150,000.00. at PhP50,000 each; **CHD II** Cagayan, isabela and Maconacon MHO) – PhP184,000.00; and CHD CAR (in 9 hospitals) - PhP322,101.25; **DOH-HEMS** conducted Health Cluster Meeting with partner agencies on 19 October 2010; and deployed 5 teams (Rapid Health Assessment Teams to CHDs II, III and CHD-NCR), DANA team to CHD CAR and Water, Sanitation and Hygiene Team to CHDMM; **RHUs and BHUs** in Tarlac Province conducted routine immunization on 21 October 21, 2010 while the LGUs provided Vitamin A capsules to children (1-5 y/o) at the evacuation centers; **City and Provincial Health teams of CHD-CAR** conducted rapid health and needs assessment and provided medicines and supplies in evacuation centers in Baguio City; Luis Hora Memorial Hospital; and Regional Hospitals; **PHO staff and CHD liaisons** inspected evacuation centers; **PHTO-Kalinga** - distributed assorted drugs and medicines in Tabuk National High School evacuation center; **CHD MM** conducted rapid health assessment in affected areas of Metro Manila; **DSWD II** ensured that trained social workers on Critical Incident Stress Debriefing (CISD) are available to conduct stress debriefing sessions to affected families/victims as necessary in the evacuation centers; **DOH CHD1** prepositioned medicines amounting to P100,000 in each provincial office; plus the same amount as buffer stock in the regional office; Pangasinan Provincial Health Office prepared fifty (50) bottles of hydrochloride solution for distribution in flood affected areas; and the **Center for Health Development (CHD) II** coordinated with Isabela PHO to validate the request of Maconacon for a medical team to provide assistance to the victims of alleged tidal wave brought about by Typhoon Juan.

Water Sanitation and Hygiene (WASH)

As of October 27, 2010 PRC installed (four) 4 water bladders (2 units in Calsiao and 2 units in Dagupan City) to provide potable water to approximately 3,000 persons in said areas.

Emergency Shelter and Livelihood

HUDCC will allocate PhP200 Million as emergency loans to PAGIBIG members for the restoration/repair of their houses; allowed extension of office hours of PAGIBIG Field Offices to receive the applications of emergency assistance; and requested the President that the funds of the DSWD for core houses be diverted into the permanent relocation sites of NHA; **HDMF** will consider the declaration of moratorium on the payment of amortization of loans of PAG-IBIG members for not more than six (6) months; **NHA** delivered home materials assistance to about 500 families and will continue to cover up to 8,000 families with the counter parting funds for home materials with the provincial Government and expedite the preparation of the plans for the relocation sites.

Education

The Education in Emergencies Cluster headed by DepEd conducted a joint Damage Assessment and Needs Analysis (DANA) in the affected areas primarily in the provinces of Isabela and Cagayan. Per assessment team, **736** school buildings were damaged: 128 in Region I; 480 in Region II; 12 in Region III; and 116 in CAR. There were 63 school buildings utilized as evacuation centers (13 in CAR, 24 in Region I, 3 in Region II, 21 in Region III and 3 in Region IV–A).

The NDRRMC recommended the immediate suspension of classes at all levels in the National Capital Region on 19 October 2010 and DepEd III declared suspension of classes up to high school levels in the flooded areas in Zambales.

Early Recovery

DA will extend technical assistance to the affected farmers and fisherfolks in the form of seeds (palay and vegetable), fertilizers (microbial inoculants) and others; help farmers in drying grains thru the post harvest facilities of Irrigator's Associations and other groups, extend fish farmers with fingerlings for restocking/ for rehabilitation with counterpart from LGUs; determine damages of irrigation facilities; and prepare for repairs and rehabilitation of the affected systems; On October 20, 2010, DA Secretary led the preparation of the rehabilitation plan to recoup the losses of typhoon affected farmers. Severely affected rice farmers will be provided with certified palay seeds at one bag per hectare and for those farms that were not severely damaged, half of the cost of one bag certified seeds. Be subsidized; Preparation of rehabilitation plan is underway as field assessment and validation of the damages are being done by the DA and concerned LGUs; and Validated data will be the basis for the provision of assistance; PRC hosted the Emergency Shelter and Livelihood Cluster Meeting on 27 October at PRC Headquarters, Port Area Manila to discuss the Early Recovery Program.

Emergency Telecommunication/ Information Management

NTC directed the Public Telecommunication Entities (PTEs) to do the following: Availability of technical personnel 24/7 in areas affected to repair damaged equipment and facilities; Provide sufficient number of standby generators with sufficient fuel; Deploy mobile transportable cell sites in key areas affected ; Ensure that cell site equipment are installed on pedestals high enough to avoid submersion in flood waters; Submit reports to the Office of the Commissioner at least every hour from entry/landfall of the typhoon; In case of communication black-out in affected areas, there is OPLAN Bayanihan where the NTC will touch base with the NDRRMC base station and the amateur and civic radio groups (A&CRG) in Regions 1, 2 and CAR; **SMART** reported that in compliance to NTCs directive, they have cancelled all requests for leave of its personnel, sent a sufficient number of generator sets with enough fuel to last 5 days; **Globe Telecom** set up Libreng Charging Centers in Abulug, Aparri Cagayan and Tuguegarao City and Libreng Tawag Facilities in Dagupan City, Tabuk, Kalinga, Tuguegarao City, Aparri, Cagayan and Ilagan, Isabela.

NGCP Santiago Sub-Station committed to fast-track the restoration of the 11 toppled down transmitter towers which supply electricity to the provinces of Cagayan and Isabela **The Task Force Kapatid “Typhoon Juan”** deployed eight (8) Engineers and 55 linemen to nine (9) Electric Cooperatives (ECs) to provide assistance in the restoration of power; 21 Linemen from PENELCO (Bataan), FLECO (Laguna) and NEECO I (Nueva Ecija) were deployed to CAGELCO I (Cagayan); 12 Linemen from TARELCO I and II (Tarlac) - deployed to ISELCO I (Isabela); and 22 Linemen from PELCO I and II (Pampanga) and NEECO I and II (Nueva Ecija - deployed to ISELCO II (Isabela).

In view of the request of OCHA, the UNOOSA/UN-SPIDER together with UNITAR/UNOSAT has requested the activation of the International Charter Space and Major Disasters to support the damage assessment and response efforts regarding

Typhoon “Juan” (Megi). Map products that will be produced by the International Charter will be available at their website: <http://www.disasterscharter.org/web/charter/activations>. All information will also be accessible on the SpaceAid page already set-up within the UN-SPIDER Knowledge Portal <http://www.un-spider.org/page/3769/un-spider-spaceaid-space-based-information-tropical-cyclone-philippines>.

UN-SPIDER has been working closely with the NDRRMC Opcen to ensure involvement of the end users and their timely access to the space based information and products generated by International Charter as well as by other partners.

UN-OCHA and WFP has provided situational maps to NDRRMC EOC.

Camp Coordination Management

DSWD SWAD Offices installed Donation Desks for donors of material and financial assistance; **DSWD II** spearheaded the meeting of the Regional DRR Response Committee among frontline agencies and conducted pre-distribution meetings with deployed staff to remind the systems of relief assistance and other operational procedures; PDRRMC Cagayan established Advance Command Post manned by RESCUE 29, PNP, Provincial General Services Office (PGSO), Provincial Engineers' Office (PEO) and PSWDO; Tarlac DRRMC dispatched 1 DART team with rubber boat and 1 M35 truck from 3rd mechanized IB to assist in the evacuation of 15 families from Brgy. Apulid, Paniqui and 11 families to South Central School in Paniqui.

Tab A – Affected Population

Tab B – Casualties

Tab C – Damaged Houses

Tab D – Cost of Damages

Tab E – National Agencies' Preparation

Tab F – Regional Preparedness

Tab G – Cost of Assistance

Tab H – Post-Activity Report of 1st National Rapid Assessment Team

Tab I – Result of Joint NDRRMC/UN Assessment Mission

Tab J – Assessment of Preparedness and Response Action Per Agency During
Post Evaluation Meeting on October 20, 2010

Effects of Typhoon "JUAN" (MEGI)

AFFECTED POPULATION

October 30, 2010

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	3,434	427,962	2,008,984	12	1,388	5,114	80,227	365,537	81,615	370,651
NCR	3	209	877	-	-	-	-	-	-	-
MANILA CITY	3	209	877	-	-	-	-	-	-	-
REGION I (ILOCOS REGION)	1,158	118,632	556,688	-	-	-	5,747	28,716	5,747	28,716
ILOCOS NORTE	28	1,601	7,982	-	-	-	-	-	-	-
BANGUI	7	18	90	-	-	-	-	-	-	-
BURGOS	5	34	142	-	-	-	-	-	-	-
CARASI	1	3	20	-	-	-	-	-	-	-
PAGUDPUD	15	1,546	7,730	-	-	-	-	-	-	-
ILOCOS SUR	82	2,159	8,771	-	-	-	-	-	-	-
CANDON	2	7	35	-	-	-	-	-	-	-
CAOAYAN	3	511	2,548	-	-	-	-	-	-	-
MAGSINGAL	2	28	116	-	-	-	-	-	-	-
SANTA	8	1,234	4,480	-	-	-	-	-	-	-
SANTA CATALINA	1	6	30	-	-	-	-	-	-	-
SANTA CRUZ	19	152	745	-	-	-	-	-	-	-
SANTIAGO	5	56	264	-	-	-	-	-	-	-
SANTO DOMINGO	1	13	47	-	-	-	-	-	-	-
TAGUDIN	41	152	506	-	-	-	-	-	-	-
LA UNION	328	14,100	57,543	-	-	-	455	2,266	455	2,266
AGOO	47	2,729	10,673	-	-	-	-	-	-	-
ARINGAY	18	942	4,299	-	-	-	-	-	-	-
BACNOTAN	13	90	359	-	-	-	-	-	-	-
BAGULIN	10	84	405	-	-	-	-	-	-	-
BALAOAN	1	1	5	-	-	-	-	-	-	-
BANGAR	23	886	3,243	-	-	-	-	-	-	-
BAUANG	29	1,098	4,444	-	-	-	375	1,871	375	1,871
BURGOS	10	66	281	-	-	-	-	-	-	-
CABA	13	266	1,219	-	-	-	-	-	-	-
LUNA	15	401	1,586	-	-	-	-	-	-	-
NAGUILIAN	20	306	1,184	-	-	-	-	-	0	0
PUGO	14	413	1,862	-	-	-	-	-	-	-
ROSARIO	18	586	2,933	-	-	-	80	395	80	395
SAN FERNANDO	31	1,078	3,507	-	-	-	-	-	-	-
SAN GABRIEL	1	2	9	-	-	-	-	-	-	-
SAN JUAN	13	175	683	-	-	-	-	-	-	-
SANTO TOMAS	24	4,390	18,052	-	-	-	-	-	-	-
SANTOL	4	9	44	-	-	-	-	-	-	-
SUDIPEN	6	16	74	-	-	-	-	-	-	-
TUBAO	18	562	2,681	-	-	-	-	-	-	-
PANGASINAN	720	100,772	482,392	-	-	-	5,292	26,450	5,292	26,450
AGNO	10	868	4,764	-	-	-	-	-	-	-
AGUILAR	16	3,507	14,036	-	-	-	-	-	-	-
ALAMINOS	5	120	494	-	-	-	-	-	-	-
ALCALA	21	2,800	12,907	-	-	-	-	-	-	-
ANDA	18	1,625	4,875	-	-	-	-	-	-	-
ASINGAN	5	532	2,088	-	-	-	-	-	-	-
BALUNGAO	16	1,063	5,320	-	-	-	-	-	-	-
BANI	4	54	224	-	-	-	-	-	-	-
BASISTA	10	22	110	-	-	-	-	-	-	-
BAUTISTA	18	4,517	27,041	-	-	-	-	-	-	-
BAYAMBANG	15	226	1,032	-	-	-	-	-	-	-
BINALONAN	10	870	3,480	-	-	-	-	-	-	-
BINMALEY	4	151	644	-	-	-	-	-	-	-
BOLINAO	30	4,801	24,005	-	-	-	-	-	-	-
BUGALLON	4	59	282	-	-	-	-	-	-	-
BURGOS	13	1,229	6,145	-	-	-	-	-	-	-
DAGUPAN CITY	15	707	2,293	-	-	-	-	-	-	-
INFANTA	4	353	1,442	-	-	-	-	-	-	-
LABRADOR	10	3,686	18,454	-	-	-	-	-	-	-
LAOAC	6	300	1,096	-	-	-	-	-	-	-
LINGAYEN	32	9,478	48,520	-	-	-	-	-	-	-
MABINI	2	25	73	-	-	-	-	-	-	-
MALASIQUI	3	8	40	-	-	-	-	-	-	-
MANAOAG	26	4,642	23,212	-	-	-	-	-	-	-
MANGALDAN	30	556	2,780	-	-	-	-	-	-	-
MANGATAREM	82	12,279	61,395	-	-	-	5,292	26,450	5,292	26,450
MAPANDAN	4	272	1,333	-	-	-	-	-	-	-
NATIVIDAD	18	2,689	12,445	-	-	-	-	-	-	-
POZZORUBIO	34	1,695	10,170	-	-	-	-	-	-	-
ROSALES	21	6,690	29,291	-	-	-	-	-	-	-
SAN CARLOS CITY	19	624	3,121	-	-	-	-	-	-	-

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
SAN FABIAN	1	1	4						-	-
SAN JACINTO	19	3,730	18,850						-	-
SAN NICOLAS	1	40	120						-	-
SAN QUINTIN	16	2,864	17,062						-	-
SANTA BARBARA	29	7,998	31,992						-	-
SANTA MARIA	23	834	4,170						-	-
SANTO TOMAS	24	4,390	18,052						-	-
SISON	28	1,623	9,738						-	-
SUAL	1	32	131						-	-
TAYUG	7	1,302	6,438						-	-
UMINGAN	11	1,459	7,006						-	-
URDANETA CITY	34	4,551	22,780						-	-
VILLASIS	21	5,500	22,937						-	-
REGION II (CAGAYAN VALLEY)	1,379	197,373	892,844	-	-	-	74,462	336,765	74,462	336,765
CAGAYAN	513	33,409	158,267	-	-	-	-	-	-	-
ABULUG	1	28	98						-	-
ALCALA	25	477	2,407						-	-
ALLACAPAN	1	3	15						-	-
AMULUNG	24	648	3,240						-	-
APARRI	11	936	4,018	-	-	-			-	-
BAGGAO	48	872	5,211						-	-
CALAYAN	12	968	4,790						-	-
CAMALANIUGAN	18	2,588	12,695						-	-
CLAVERIA	40	891	3,997						-	-
ENRILE	22	3,527	21,162						-	-
GATTARAN	7	30	110						-	-
GONZAGA	2	144	657	-	-	-			-	-
IGUIG	18	1,281	6,405						-	-
LAL-LO	35	874	2,820						-	-
LASAM	30	1,800	8,100	-	-	-			-	-
PEÑABLANCA	24	2,094	9,213						-	-
PIAT	18	730	2,353						-	-
RIZAL	23	1,092	6,751	-	-	-			-	-
SANCHEZ-MIRA	18	5,938	29,490						-	-
SANTA ANA	7	589	2,650	-	-	-			-	-
SANTA PRAXEDES	6	22	84						-	-
SANTA TERESITA	13	559	2,924						-	-
SANTO NINO (FAIRE)	26	1,625	6,500						-	-
SOLANA	38	1,280	5,746	-	-	-			-	-
TUAO	5	309	1,391	-	-	-			-	-
TUGUEGARAO	41	4,104	15,440						-	-
ISABELA	732	158,510	710,460	-	-	-	74,462	336,765	74,462	336,765
ALICIA	34	1,806	8,127				829	3,729	829	3,729
ANGADANAN	9	92	414						-	-
AURORA	33	6,096	30,480				3,034	15,177	3,034	15,177
BENITO SOLIVEN	29	4,007	17,685				2,004	8,843	2,004	8,843
BURGOS	14	2,177	11,035				1,088	5,518	1,088	5,518
CABAGAN	26	5,638	29,564				2,548	14,782	2,548	14,782
CABATUAN	22	1,930	8,685						-	-
CAUAYAN	26	2,317	11,585						-	-
CORDON	26	263	1,125						-	-
DELFIN ALBANO (MAGSAYSAY)	29	3,838	19,045				333	9,523	333	9,523
DINAPIGUE	6	148	554				35	118	35	118
DIVILACAN	12	1,082	4,869	-	-	-	538	2,420	538	2,420
ECHAGUE	5	63	226				23	111	23	111
GAMU	16	8,614	28,070				4,307	14,035	4,307	14,035
ILAGAN	91	41,735	166,940				20,742	82,903	20,742	82,903
LUNA	19	4,778	23,890				2,310	11,945	2,310	11,945
MACONACON	10	1,069	4,532				35	1,755	35	1,755
MALLIG	18	2,647	11,911				1,324	5,956	1,324	5,956
NAGUILIAN	25	6,284	28,278				3,142	14,139	3,142	14,139
PALANAN	17	3,580	18,116				1,660	8,471	1,660	8,471
QUEZON	15	4,754	20,121				2,377	10,061	2,377	10,061
QUIRINO	21	4,800	22,000				2,400	11,000	2,400	11,000
RAMON	8	107	489				20	156	20	156
REINA MERCEDES	20	3,825	19,366				1,810	9,683	1,810	9,683
ROXAS	26	13,368	66,840	-	-	-	6,179	30,898	6,179	30,898
SAN GUILLERMO	1	45	175						-	-
SAN ISIDRO	7	237	1,067						-	-
SAN MANUEL	19	8,434	37,953				4,067	18,377	4,067	18,377
SAN MARIANO	36	6,767	28,233				3,311	13,791	3,311	13,791
SAN MATEO	2	478	2,219						-	-
SAN PABLO	17	1,905	9,525				2,548	4,763	2,548	4,763
SANTA MARIA	20	3,909	20,229				1,954	10,115	1,954	10,115
SANTO TOMAS	27	2,946	13,257				1,473	6,629	1,473	6,629
TUMAUINI	46	8,771	43,855	-	-	-	4,371	21,867	4,371	21,867
NUEVA VIZCAYA	54	1,783	6,975	-	-	-	-	-	-	-
ARITAO	6	42	171						-	-
BAGABAG	9	72	280						-	-
BAMBANG	5	569	1,540						-	-
BAYOMBONG	5	107	438						-	-
DIADI	3	4	24						-	-

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
DUPAX DEL NORTE	4	101	564						-	-
DUPAX DEL SUR	3	25	116						-	-
KAYAPA	1	1	5						-	-
SANTA FE	9	287	1,382						-	-
SOLANO	7	175	855						-	-
VILLAVERDE	2	400	1,600						-	-
QUIRINO	80	3,671	17,142	-	-	-	-	-	-	-
AGLIPAY	15	350	1,360						-	-
CABARROGUIS	17	641	3,205						-	-
DIFFUN	2	3	18						-	-
MADDELA	26	114	456						-	-
NAGTIPUNAN	11	1,020	4,080						-	-
SAGUDAY	9	1,543	8,023						-	-
REGION III (CENTRAL LUZON)	334	53,304	237,872	12	1,388	5,114	-	-	1,388	5,114
AURORA	8	450	2,394	-	-	-	-	-	-	-
CASIGURAN	1	9	42						-	-
DILASAG	6	300	1,768						-	-
DINALUNGAN	1	141	584						-	-
BATAAN	40	4,465	20,560				-	-	-	-
DINALUPIHAN	9	1,740	7,396						-	-
HERMOSA	3	850	4,675						-	-
MORONG	5	1,018	4,509						-	-
ORION	23	857	3,980						-	-
BULACAN	1	33	120	-	-	-	-	-	-	-
MALOLOS	1	33	120						-	-
NUEVA ECIJA	46	6,174	27,247	-	-	-	-	-	-	-
CABANATUAN	1	57	210						-	-
CARRANGLAN	1	47	191						-	-
CUYAPO	16	529	1,247						-	-
JAEN	4	246	888						-	-
LICAB	9	3,420	15,393						-	-
QUEZON	6	1,320	6,590						-	-
SAN ANTONIO	3	222	1,165						-	-
TALAVERA	6	333	1,563						-	-
PAMPANGA	68	21,476	100,664	-	-	-	-	-	-	-
ANGELES	1	5	26						-	-
BACOLOR	5	666	3,161						-	-
GUAGUA	16	17,222	79,502						-	-
MACABEBE	3	459	2,152						-	-
MAGALANG	8	857	5,110						-	-
MASANTOL	26	762	3,319						-	-
MINALIN	3	950	4,676						-	-
SAN FERNANDO	6	555	2,718						-	-
TARLAC	114	17,986	74,621	12	1,388	5,114	-	-	1,388	5,114
ANAO	2	8	32						-	-
CAMILING	23	1,037	4,851						-	-
GERONA	6	422	1,800						-	-
LA PAZ	10	6,239	23,143						-	-
MONCADA	26	2,522	9,728	8	583	2,117			583	2,117
PANIQUE	11	1,185	4,568	4	805	2,997			805	2,997
PURA	4	150	774						-	-
RAMOS	2	83	349						-	-
SAN CLEMENTE	12	2,907	14,356						-	-
SAN MANUEL	14	3,428	15,002						-	-
SANTA IGNACIA	3	4	14						-	-
TARLAC	1	1	4						-	-
ZAMBALES	57	2,720	12,266	-	-	-	-	-	-	-
BOTOLAN	8	63	289						-	-
CABANGAN	1	305	1,403						-	-
CANDELARIA	11	303	1,261						-	-
CASTILLEJOS	1	31	135						-	-
IBA	2	28	144						-	-
MASINLOC	4	26	115						-	-
SAN ANTONIO	3	96	298						-	-
SAN FELIPE	1	70	322						-	-
SAN MARCELINO	10	1,489	7,192						-	-
SANTA CRUZ	9	266	909						-	-
SUBIC	7	43	198						-	-
REGION IV-A (CALABARZON)	3	172	783	-	-	-	-	-	-	-
CAVITE	2	79	372	-	-	-	-	-	-	-
TAGAYTAY CITY	1	15	57						-	-
TERNATE	1	64	315						-	-
RIZAL	1	93	411	-	-	-	-	-	-	-
ANTIPOLO	1	93	411						-	-
CAR	557	58,272	319,920	-	-	-	18	56	18	56
ABRA	46	1,542	8,726	-	-	-	-	-	-	-
DOLORES	15	569	3,414						-	-
LACUB	5	108	600						-	-
LAGANGILANG	6	67	339						-	-

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
LAGAYAN	5	200	600						-	-
MALIBCONG	2	8	39						-	-
PILAR	9	90	734						-	-
TUBO	4	500	3,000						-	-
APAYAO	138	7,315	35,461				-	-	-	-
CALANASAN (BAYAG)	21	303	1,115						-	-
CONNER	22	1,836	9,180				-	-	-	-
FLORA	16	1,387	6,254						-	-
KABUGAO	21	2,250	11,250						-	-
LUNA	23	684	3,420						-	-
PUDTOL	22	290	1,417						-	-
SANTA MARCELA	13	565	2,825						-	-
BENGUET	106	6,251	30,222	-	-	-	-	-	-	-
ATOK	3	3	12						-	-
BAGUIO CITY	40	532	2,450						-	-
BAKUN	2	2	11						-	-
BOKOD	1	2	8						-	-
BUGUIAS	9	33	158						-	-
ITOGON	9	1,828	9,059						-	-
KABAYAN	1	2	16						-	-
KAPANGAN	5	40	149						-	-
KIBUNGAN	7	3,332	16,385						-	-
LA TRINIDAD	4	82	363						-	-
MANKAYAN	6	10	56						-	-
SABLAN	6	64	246						-	-
TUBA	11	284	1,176						-	-
TUBLAY	2	37	133						-	-
IFUGAO	63	1,138	5,797	-	-	-	-	-	-	-
AGUINALDO	16	124	729						-	-
ALFONSO LISTA (POTIA)	5	97	582						-	-
BANAUE	1	1	5						-	-
HINGYON	7	54	240						-	-
HUNGDUAN	6	20	69						-	-
KIANGAN	1	1	6						-	-
LAGAWE	5	14	64						-	-
LAMUT	10	40	190						-	-
MAYOYAO	5	21	93						-	-
TINOC	7	766	3,819						-	-
KALINGA	153	37,035	214,637	-	-	-	18	56	18	56
BALBALAN	14	1,176	6,115						-	-
LUBUAGAN	9	1,727	8,635						-	-
PASIL	14	1,586	8,076						-	-
PINUKPUK	23	6,425	39,210	-		-			-	-
RIZAL (LIWAN)	15	2,766	12,532						-	-
TABUK	42	20,726	124,354				18	56	18	56
TANUDAN	16	1,353	8,119						-	-
TINGLAYAN	20	1,276	7,596						-	-
MOUNTAIN PROVINCE	51	4,991	25,077	-	-	-	-	-	-	-
BAUKO	7	15	74						-	-
BONTOC	3	4	18						-	-
NATONIN	10	997	5,782						-	-
PARACELIS	9	1,150	5,750						-	-
SABANGAN	3	17	93						-	-
TADIAN	19	2,808	13,360	-	-	-			-	-

AFFECTED AREAS	
REGIONS	6
PROVINCES	23
CITIES	17
MUNICIPALITIES	240
BARANGAYS	3,434

EFFECTS OF TYPHOON "JUAN"
CASUALTIES
October 30, 2010

REGION/PROVINCE/ MUNICIPALITY/BRGY		Name	Age	Address	Cause / Date / Remarks
GRAND TOTAL	31	DEAD			
NCR	1				
Quezon City	1	Masiste, Alonzo	41	NS Amoranto St. Sta Mesa Heights Q.C.	Hit by fallen electric post
REGION I	14				
Pangasinan	1	de Guzman, Freddie	33	Calomboyan Norte, Mangatarem	Struck by lightning
	1	Mariano, Dominador	67	Kita-Kita, Balungao	Drowning
	1	Ordoñez, C-Jay	2	Zone 4, Rosales	Drowning
	1	Patayan, Jeramie	25	Tamayo, San Carlos City	Drowning
	1	Patayan, Sherilyn	18	Tamayo, San Carlos City	Drowning
	1	Robillos, Arsenia	68	Cayanga, Pangasinan	Electrocution
	1	Resuello, Vina*	16	Tamayo, San Carlos City	Drowning
	1	Vidal, AJ	4	3rd Blk, Sagudbahley, San Fabian	hit by fallen palm tree
	1	Vidal, Ana	29	3rd Blk, Sagudbahley, San Fabian	hit by fallen palm tree
	1	Vidal, OJ	2	3rd Blk, Sagudbahley, San Fabian	hit by fallen palm tree
Ilocos Sur	1	Florina, Jeffre Doque	27	Oiag Daya, Galimoyod, Ilocos Sur	Drowning
	1	Urbano, Wilson Castillo Y.	50	Oiag Daya, Galimoyod, Ilocos Sur	Electrocution
La Union	1	Goce, Joshua	2	Zone IV Rosales	Drowning
	1	Flores, Severo	61	San Fernando City	hypothermia
REGION II	3				
Cagayan	1	Decena, Vicente	53	Brgy Namabbalan Norte, Cagayan	Drowning
Isabela	1	Mallano, Jose	56	Brgy Feli, Maconacon, Isabela	Drowning
	1	Yoma, Cayetano	62	Brgy Feli, Maconacon, Isabela	Hit by Coconut Tree
REGION III	8				
Nueva Ecija	1	Alsaybar, Roberto	65	Brgy. Puncan, Carranglan	Drowning
Tarlac	1	de Guzman, Allan	46	New Manila, Quezon City	Drowned in Iba, Zambales
	1	Millo, Tirso	46	Villapaz, Gerona, Tarlac	Drowning
Zambales	1	Dupitas, Lemuel	12	Brgy. Diculor, Gerona	Electrocution
	1	Mercedes Calupe dela Cruz	66	San Miguel, San Antonio	Drowning
	1	Basa Tamtam	14	Sitio Saysay,Buhawen, San Marcelino	Drowning (taken by strong current)
	1	Calvo Tamtam	10	Sitio Saysay,Buhawen, San Marcelino	Drowning (taken by strong current)
	1	Abaras, Hereberto	68	San Juan, Palauig, Zambales	Fell down while fixing the house
CAR	5				
Kalinga	1	Respicio, Aileen	20	Brgy Balabag, Rizal, Kalinga	Pinned down by a fallen tree
Benguet	1	Badival, Rosalie	19	La Trinidad, Benguet	
	1	Realina, Andres	36	Irisan, Baguio City	Pinned down by a fallen tree
Ifugao	1	Talango, Marten	19	Banaue, Ifugao (found indecomposing stage)	Covered by mudslide
	1	Pod-itan, Max	13	Ifugao (missing - recovered at Hunduan river)	Drowned in Ahin River, Tinoc
GRAND TOTAL	42	INJURED			
REGION I	18				
Pangasinan	1	Bernabe, Roel	28	Gisit Sur, San Manuel	
	1	Caacbay, Jean	39	Concordia, Bolinao	hit by fallen tree
	1	Caacbay, Ronald	37	Concordia, Bolinao	hit by fallen GI sheet
	1	Calim, Reynante	33	Gisit Sur, San Manuel	
	1	Lamsen, Romeo	33	Gisit Sur, San Manuel	
	1	Marcos, Rowena	52	Concordia, Bolinao	hit by fallen tree

REGION/PROVINCE/ MUNICIPALITY/BRGY		Name	Age	Address	Cause / Date / Remarks
	1	Vidal, Dionisio	35	Sagud Baley, San Fabian	Hit by fallen tree
	1	Renato De Guzman	46	Maniboc, Lingayin	Slipped
	1	Josie Cruz	40	Maniboc, Lingayin	Slipped
	1	Benjamin Jimenez	38	Zone 3, Rosales	Head injury
La Union	1	Avendiano, Eduardo	49	Santiago Sur, San Fernando	Fall
	1	Cawagdan, Celedonia	31	Pongpong, Sto Tomas	Hit by collapsed concrete wall
	1	Farales, Lyka	14	Salcedo, Luna	Hit by fallen tree
	1	Lombay, Nestor	56	Oaqui 1, Luna	Hit by fallen debris
	1	Sobrevilla, Lourdes	41	Ili Norte, San Juan	Hit by flying GI sheet
	1	Cawagdan, Mark Bryan	3	Pongpong, Sto Tomas	Hit by collapsed concrete wall
	1	Petina, Jerome	15	Sta. Rita, Central Agoo	hit by fallen tree
	1	Paneda, Marcelina	71	Catbangan	
REGION II	9				
Cagayan	1	Accad, Joseph			DPWH crew, laceration/abrasion
	1	Bacud, Joel	38	Centro Solana, Cagayan	Collapsed wall of LTO
	1	Epita, Samuel			DPWH crew, laceration/abrasion
	2	Female		Tanza, Tuguegarao City, Cagayan	Collapsed glass wall
	1	Lerio, Ronald	27	Taga, Tuguegarao	
	1	Sabben, Joseph	5	Sta Ana, Cagayan	Hurt by fallen live wire
Isabela	1	Mangamo, Rosendo		Delfin Albano	hit by fallen GI sheet
	1	Sagario, Elgie	45	Delfin Albano	hit by fallen GI sheet
REGION III	1				
Bulacan	1	Alcantara, Rannie	25	Malolos City	Hit by flying GI sheet
CAR	14				
Kalinga	1	Agustin, Hillary Clive Calaje	3	Makutay, Rizal	Confined at Juan M. Duyan Hospital
	1	Adomang, Marcos	40	Santol, Rizal, Kalinga	
	1	Lumawig, Maribeth	29	Balayongan, Pinukpuk	Confined at Kalinga Prov'l Hospital
	1	Mendoza Jr., Antonio	49	Purok 6, Bulanao, Tabuk	Confined at Kalinga Prov'l Hospital
	1	Respicio, Joanna Marie	1	Babalog, Rizal, Kalinga	Hit by a fallen tree
	1	Respicio, Jomar	22	Babalog, Rizal, Kalinga	Injuries secondary to falling tree
Benguet	1	Ballangan, Jeffrey	28	Virac Itogon, Benguet	Multiple abrasions
	1	Payaw, Guilbert	40	Fahtad, Kibungan	Lacerated wound
	1	Pacatiw, Belen	40	Balatoc	Multiple Facial
	1	Palcul, Rho Jan Denson	8	Tadiangan, Kapangan	Lacerated wound
	1	Pedro, Rex	10	Topdac, Atok, Benguet	Fracture R Leg
	1	Riponiari, Abner	29	East Bayan Park Ambiong, Baguio City	Lacerated wound
Apayao	1	Agudang, Elis	26	Obagat, Kabugao	Lacerated wound
	1	Mamba, Jestril	4	Obagat, Kabugao	
GRAND TOTAL	4	MISSING			
REGION III	4				
Aurora	1	Petalio, Eric	13	Buhangin, Baler Aurora	Drowning
Nueva Ecija	1	Macayanani, Ricardo M, Jr.	21	Palaseña, San Jose City, Nueva Ecija	While crossing Palaseña River
	1	Genado, Jose V.	41	Palaseña, San Jose City, Nueva Ecija	While crossing Palaseña River
	1	Tuminis, Joseph	48	Palaseña, San Jose City, Nueva Ecija	While crossing Palaseña River

* previously reported as Bhena Tamlacos

EFFECTS of TYPHOON "JUAN" (MEGI)
DAMAGED HOUSES
 October 30, 2010

REGION	Province/ Municipality	DAMAGED HOUSES	
		TOTALLY	PARTIALLY
GRAND TOTAL		148,222	
		30,048	118,174
I	Sub-Total	1,652	14,248
	ILOCOS SUR	12	225
	Sta. Cruz	2	71
	Santa	7	
	Santiago	1	4
	Tagudin	2	150
	ILOCOS NORTE	0	85
	Bangui		18
	Burgos		34
	Pagudpod		33
	LA UNION	545	5,560
	Agoo	70	2,625
	Aringay	95	708
	Bacnotan	5	85
	Bagulin	8	75
	Bangar	6	60
	Bauang	5	115
	Burgos	4	62
	Caba	1	
	Luna	1	63
	Naguillan	5	123
	Pugo	20	332
	Rosario	80	506
	San Fernando City	9	177
	Santol		9
	San Gabriel		2
	San Juan		34
	Sto. Tomas	219	331
	Sudipen	2	14
	Tubao	15	239
	PANGASINAN	1,095	8,378
	Agno	4	42

REGION	Province/ Municipality	DAMAGED HOUSES	
		TOTALLY	PARTIALLY
	<i>Alcala</i>		38
	<i>Asingan</i>		5
	<i>Balungao</i>	1	13
	<i>Basista</i>	8	14
	<i>Bautista</i>		9
	<i>Bayambang</i>	6	114
	<i>Binalonan</i>	5	4
	<i>Bolinao</i>	603	4,198
	<i>Burgos</i>	157	1,468
	<i>Laoac</i>		5
	<i>Lingayen</i>	9	39
	<i>Malasique</i>		1
	<i>Manaoag</i>	33	279
	<i>Mapandan</i>	1	2
	<i>Mangatarem</i>	23	68
	<i>Natividad</i>		1
	<i>Pozzorubio</i>	3	27
	<i>San Carlos City</i>	35	586
	<i>San Jacinto</i>	5	
	<i>Sison</i>	8	232
	<i>Sta. Barbara</i>	4	40
	<i>Sta Maria</i>	4	
	<i>Sto. Tomas</i>	170	1,157
	<i>Urdaneta City</i>	16	36
II	Sub-Total	26,235	87,624
	CAGAYAN	1,048	14,737
	<i>Alcala</i>	58	419
	<i>Amulung</i>	39	550
	<i>Baggao</i>	31	841
	<i>Claveria</i>		1
	<i>Enrile</i>	206	3,321
	<i>Gattaran</i>	3	11
	<i>Iguig</i>	17	487
	<i>Lallo</i>	10	864
	<i>Lasam</i>	4	46
	<i>Penablanca</i>	99	1,899
	<i>Piat</i>	2	143
	<i>Rizal</i>	7	512
	<i>Sanchez Mira</i>	9	399
	<i>Solana</i>	105	1,175

REGION	Province/ Municipality	DAMAGED HOUSES	
		TOTALLY	PARTIALLY
	<i>Sta. Ana</i>	1	3
	<i>Sta. Teresita</i>	1	23
	<i>Sto. Niño</i>	2	124
	<i>Tuao</i>	13	296
	<i>Tuguegarao City</i>	441	3,557
	<i>Camalaniugan</i>		66
	ISABELA	25,186	72,828
	<i>Alicia</i>	217	1,589
	<i>Angadanan</i>	16	
	<i>Aurora</i>	154	1,249
	<i>Benito Soliven</i>	603	2,969
	<i>Burgos</i>	465	1,698
	<i>Cabagan</i>	585	5,052
	<i>Cabatuan</i>	170	1,760
	<i>Cauayan City</i>	21	440
	<i>Cordon</i>	2	261
	<i>Delfin Albano</i>	646	3,192
	<i>Dinapigue</i>		3
	<i>Divilacan</i>	180	239
	<i>Echague</i>	6	57
	<i>Gamu</i>		5,614
	<i>Ilagan</i>	6,200	15,000
	<i>Luna</i>		475
	<i>Maconacon</i>	909	160
	<i>Mallig</i>	751	1,896
	<i>Naguillan</i>	3,561	2,723
	<i>Palanan</i>	593	2,664
	<i>Quezon</i>	1,305	3,449
	<i>Quirino</i>	1,600	2,200
	<i>Ramon</i>	4	62
	<i>Reina Mercedes</i>	409	2,148
	<i>Roxas</i>	4,993	7,134
	<i>San Manuel</i>	302	1,017
	<i>San Mariano</i>	611	3,566
	<i>San Mateo</i>		52
	<i>San Pablo</i>	8	1,519
	<i>Sta. Maria</i>	233	2,249
	<i>Sto. Tomas</i>		239
	<i>Tumauini</i>	642	2,152
	QUIRINO	0	23
	<i>Aglipay</i>		12
	<i>Diffun</i>		3

REGION	Province/ Municipality	DAMAGED HOUSES	
		TOTALLY	PARTIALLY
	<i>Nagtipunan</i>		8
	NUEVA VIZCAYA	1	36
	<i>Solano</i>		6
	<i>Dupax del Sur</i>		2
	<i>Aritao</i>	1	5
	<i>Bagabag</i>		19
	<i>Kayapa</i>		1
	<i>Diadi</i>		3
III	Sub-Total	75	566
	NUEVA ECIJA	4	22
	<i>Cuyapo</i>	1	
	<i>Jaen</i>		5
	Licab	2	16
	<i>San Antonio</i>	1	1
	PAMPANGA	13	10
	<i>Angeles City</i>	4	1
	<i>Magalang</i>		7
	<i>San Fernando City</i>	9	2
	TARLAC	13	117
	<i>Anao</i>		1
	<i>Camiling</i>	4	3
	<i>Gerona</i>	2	1
	<i>Moncada</i>	2	29
	<i>Ramos</i>	3	7
	<i>San Clemente</i>		51
	<i>San Manuel</i>		23
	<i>Sta Ignacia</i>	2	2
	ZAMBALES	43	388
	<i>Subic</i>	8	35
	<i>Botolan</i>	5	58
	<i>San Antonio</i>	1	19
	<i>Cabangan</i>	29	276
	BATAAN	2	20
	<i>Hermosa</i>	2	20
	AURORA		9
	<i>Dilasag</i>		9
CAR	Sub-Total	2,086	15,736
	ABRA	3	209
	<i>Lacub</i>	3	105

REGION	Province/ Municipality	DAMAGED HOUSES	
		TOTALLY	PARTIALLY
	<i>Malibcong</i>		8
	<i>Tubo</i>		4
	<i>Pilar</i>		90
	<i>Lagayen</i>		1
	<i>Dolores</i>		1
	APAYAO	58	1,089
	<i>Calanasan</i>	1	4
	<i>Conner</i>	5	268
	<i>Luna</i>		32
	<i>Flora</i>	2	20
	<i>Pudtol</i>		290
	<i>Sta. Marcela</i>		275
	<i>Kabugao</i>	50	200
	BENGUET	20	284
	<i>Atok</i>	1	1
	<i>Bakun</i>		2
	<i>Buguias</i>		33
	<i>Itogon</i>	11	31
	<i>Kabayan</i>		2
	<i>Kapangan</i>	3	37
	<i>Kibungan</i>	1	8
	<i>Mankayan</i>		10
	<i>Sablan</i>	2	62
	<i>Tuba</i>	2	98
	IFUGAO	69	322
	<i>Aguinaldo</i>	5	119
	<i>Alfonso Lista</i>	55	42
	<i>Hingyon</i>	2	52
	<i>Hungduan</i>		20
	<i>Kiangan</i>		1
	<i>Lagawe</i>		12
	<i>Lamut</i>		39
	<i>Mayoyao</i>	3	18
	<i>Tinoc</i>	4	19
	KALINGA	1,778	12,753
	<i>Balbalan</i>	6	199
	<i>Lubuagan</i>	8	1,719
	<i>Pasil</i>		87
	<i>Pinukpuk</i>	64	2,176
	<i>Rizal</i>	88	1,444
	<i>Tabuk</i>	1,593	6,823

REGION	Province/ Municipality	DAMAGED HOUSES	
		TOTALLY	PARTIALLY
	<i>Tanudan</i>	13	126
	<i>Tinglayan</i>	6	179
	Mt. Province	158	1,079
	Bauko		15
	Bontoc	1	3
	Sabangan		4
	Natonin	7	57
	<i>Paracelis</i>	150	1,000

EFFECTS OF TYPHOON "JUAN" (MEGI)
COST OF DAMAGES
October 30, 2010

Region/Province/City/ Municipality	ROADS/BRIDGES/ OTHER STRUCTURES	HEALTH FACILITIES	INFRASTRUCTURE			AGRICULTURE					TOTAL COST (Infrastructure + Agriculture)			
			No. of Schools Damaged	Classrooms	Others	TOTAL	CROPS (Rice and Corn)	LIVESTOCKS	HYCC (Mango, Banana, Papaya, Vegetables)	FISHERIES		IRRIGATION	FACILITIES/ INFRASTRUCTURE/ EQUIPMENT DAMAGED	TOTAL AGRICULTURE
GRAND TOTAL													12,013,575,820.28	
485,586,056.28														
Region I	TOTAL	89,950,000.00	19,388,312.28	736	375,084,000.00	1,163,744.00	376,247,744.00	9,295,089,815	10,624,266.00	660,004,964.00	212,505,219.00	1,182,200,000.00	167,565,500.00	11,527,989,764.00
Regionwide	19,800,000.00	19,388,312.28	128	44,640,000.00	-	44,640,000.00	-	2,515,592,280.00	4,256,000.00	314,644,815.00	117,383,473.00	160,200,000.00	39,120,000.00	3,039,949,568.00
Iloilo City	12,000,000.00	-	66	24,920,000.00	-	24,920,000.00	-	118,099,000.00	19,000.00	32,798,117.00	167,836,117.00	160,200,000.00	-	67,988,312.28
Iloilo Norte	6,000,000.00	-	21	6,500,000.00	-	6,500,000.00	-	108,447,000.00	-	55,186,895.00	130,000.00	160,200,000.00	-	167,965,298.00
Iloilo Sur	2,800,000.00	-	-	-	-	-	-	211,560.00	130,000.00	68,609,630.00	1,706,500.00	160,200,000.00	-	211,560.00
La Union	3,850,000.00	-	9	3,850,000.00	-	3,850,000.00	-	182,481,000.00	130,000.00	68,609,630.00	1,706,500.00	160,200,000.00	-	270,661,130.00
San Fernando City	5,325,000.00	-	7	5,325,000.00	-	5,325,000.00	-	1,489,640.00	4,107,000.00	158,050,133.00	114,234,610.00	160,200,000.00	-	2,389,593,743.00
Pangasinan	910,000.00	-	8	910,000.00	-	910,000.00	-	2,078,097,000.00	-	-	-	16,597,080.00	-	19,932,080.00
Dagupan City	3,335,000.00	-	17	3,335,000.00	-	3,335,000.00	-	16,597,080.00	-	-	-	-	-	16,597,080.00
Region II	-	-	480	246,599,000.00	110,000.00	246,599,000.00	2,662,300,000.00	-	7,200,000.00	59,972,620.00	160,200,000.00	38,272,000.00	2,928,146,620.00	3,176,844,620.00
Regionwide	-	-	138	31,650,000.00	-	31,650,000.00	468,076,000.00	-	7,200,000.00	15,268,980.00	160,200,000.00	3,572,000.00	160,200,000.00	5,138,000.00
Cagayan	2,850,000.00	-	13	2,850,000.00	-	2,850,000.00	2,288,000.00	-	15,268,980.00	44,706,630.00	42,225,000.00	40,365,000.00	2,288,000.00	2,288,000.00
Tuguegarao City	203,239,000.00	-	276	203,239,000.00	-	203,239,000.00	1,970,198,000.00	-	44,706,630.00	42,225,000.00	40,365,000.00	2,288,000.00	2,288,000.00	2,288,000.00
Isabela	1,750,000.00	-	6	1,750,000.00	-	1,750,000.00	40,365,000.00	-	-	-	-	-	-	40,365,000.00
Cauayan City	550,000.00	-	2	550,000.00	-	550,000.00	123,488,000.00	-	-	-	-	-	-	123,488,000.00
San Ildefonso	5,150,000.00	-	23	5,150,000.00	-	5,150,000.00	57,732,000.00	-	-	-	-	-	-	57,732,000.00
Nueva Vizcaya	4,000,000.00	-	22	4,000,000.00	-	4,000,000.00	361,000.00	-	-	-	-	-	-	361,000.00
Region III	24,550,000.00	-	12	14,860,000.00	618,750.00	15,468,750.00	3,135,008,241.00	391,296.00	23,741,244.00	1,386,474.00	55,000,000.00	65,000.00	3,215,594,255.00	3,255,613,006.00
Regionwide	-	-	-	-	-	-	22,219,000.00	-	-	14,960,000.00	150,000.00	-	55,000,000.00	55,000,000.00
Angeles	100,000.00	-	-	-	-	-	7,593,172.00	-	-	37,844,000.00	7,593,172.00	37,844,000.00	-	7,593,172.00
Bataan	3,300,000.00	-	4	3,300,000.00	-	3,300,000.00	109,216,560.00	-	-	113,116,560.00	109,216,560.00	113,116,560.00	-	113,116,560.00
Bulacan	-	-	-	-	-	-	53,322.00	-	-	53,322.00	53,322.00	53,322.00	-	53,322.00
Nueva Ecija	17,700,000.00	-	-	-	-	-	579,171,782.00	-	-	137,833.00	579,465,078.00	137,833.00	-	579,465,078.00
Pampanga	150,000.00	-	-	-	-	-	1,563,884,000.00	-	-	2,660,044.00	1,604,147,618.00	1,568,000.00	-	1,604,147,618.00
Tarlac	6,800,000.00	-	-	-	-	-	698,000.00	-	-	5,833,200.00	448,800.00	5,833,200.00	-	5,833,200.00
Zambales	4,800,000.00	-	2	4,800,000.00	-	4,800,000.00	1,347,630.00	-	-	1,347,630.00	1,347,630.00	1,347,630.00	-	1,347,630.00
Quezon City	6,750,000.00	-	6	6,750,000.00	-	6,750,000.00	642,031,083.00	-	-	642,031,083.00	642,031,083.00	642,031,083.00	-	642,031,083.00
Region IV-B	4,000,000.00	-	-	-	-	-	80,308,834.00	-	-	516,500.00	80,854,150.00	-	-	80,854,150.00
Regionwide	-	-	-	-	-	-	105,196,000.00	-	-	287,540.00	3,386,039.00	918,500,000.00	-	918,500,000.00
Aklan	11,500,000.00	-	23	25,425,000.00	-	25,425,000.00	37,816,000.00	-	-	217,022,000.00	1,290,379.00	25,000,000.00	-	117,022,579.00
Antique	1,075,000.00	-	11	1,075,000.00	-	1,075,000.00	28,580,000.00	-	-	41,207,100.00	3,448,525.00	7,067,560.00	-	28,580,000.00
Batangas	500,000.00	-	2	500,000.00	-	500,000.00	4,680,561.00	-	-	1,367,986.00	25,182,875.00	8,750,000.00	-	25,182,875.00
Bataan	54,900.00	-	39	54,900.00	-	54,900.00	103,874,372.00	-	-	2,789,000.00	12,710,000.00	40,006.00	-	12,710,000.00
Calabarzon	2,100,000.00	-	18	2,100,000.00	-	2,100,000.00	398,820,000.00	-	-	1,375,160.00	12,710,000.00	40,006.00	-	12,710,000.00
Marikina	9,100,000.00	-	18	9,100,000.00	-	9,100,000.00	38,052,821.00	-	-	1,027,040.00	42,111,859.00	457,828.00	-	42,111,859.00
Region IV-A	4,000,000.00	-	-	-	-	-	13,321,060.00	-	-	-	-	-	-	13,321,060.00
Regionwide	-	-	-	-	-	-	105,196,000.00	-	-	287,540.00	3,386,039.00	918,500,000.00	-	918,500,000.00
Region V	4,000,000.00	-	-	-	-	-	13,321,060.00	-	-	-	-	-	-	13,321,060.00

Effects and Response Operations re Typhoon “JUAN” (MEGI)
(Search and Rescue, Evacuation and Relief)
NATIONAL AGENCIES’ PREPARATION
As of 30 October 2010

Armed Forces of the Philippines (AFP)

Sent out advisories to NOLCOM, SOLCOM, NCRCOM and major services as early as 14 October 2010; issued warning for sea travel and flood prone areas; prepared DRTUs; liased with NDRRMC Operations Center, prepositioned forces; and placed OPCON DRTUs to NCRCOM and NOLCOM; AFPDRTF has identified the flood-prone areas in Metro Manila and the entire country and activated the concerned AFP units with inventory of assets. A total of 2,001 units of response assets were deployed in northern and central Luzon broken down as follows:

Regions	Water Craft	Trucks	Other Vehicles	Ambulance	Engr Assets	Total
I	55	57	54	3	22	191
II	39	215	148	61	404	867
III	46	145	134	14	34	373
CAR	40	145	139	75	173	572
Total	180	562	475	153	633	2,003

SND considered the AFP’s recommendation/ request on the approval of possible use of US assets under standing bilateral arrangements.

Philippine National Police (PNP)

The PNP has implemented its Disaster Risk Reduction and Management Plan (LOI 35/10 “SAKLOLO REVISED”); activated its Disaster Management Committee and Area Disaster Incident Management Task Groups and Points of Contacts; and declared full alert for the whole of Luzon at 12:00 NN of October 15, 2010

Philippine Coast Guard (PCG)

Placed all Coast Guard Districts, stations and detachments in Luzon on heightened alert;

Deployed floating and air assets in various PCG Districts to wit:

- CGD NCR-CL - Vessels/Aircrafts (SARV 002; T/B 271, SARV-3502, AE 891 and 2 PCG Islander); MCS (3008 and 3010), DF (302,309, 312, 313 and 301); CGC - 103, 115, 134, 110 and 132) and 10 rubber boats were directed to preposition at Subic Port for immediate response CGD NLZ - 6 rubber boats and 2 flat boat and Navy vessel (PG-372 (Casiguran, Aurora) CGD STL - Vessel (DF 308 and 310) and 2 rubber boat CGD Bicol - MCS-3008 at Pasacao Port, Camarines Sur
- Special Unit s/Teams deployed to various PCG Districts
- SOG – 1 Officer/16 EP, 7 teams and 60 enlisted personnel
- K9 – 6 Officers/56 2 teams, 51 enlisted personnel
- Sea Marshall - 3 officers and 57 enlisted personnel
- DRG - 1 Officer, 6 enlisted personnel and 2 teams
- SMART/MED teams - 9 Officers, 10 enlisted personnel and 1 team ABD SARV-002

Bureau of Fire Protection (BFP)

Heightened alert status of all its units; coordinated with Local Disaster Risk Reduction and Management Councils (LDRRMC); deployed its resources (personnel, fire trucks, rubber

boats, ambulances and medical teams in areas likely to be affected ready for water rationing. Its manpower, logistics and rescue equipment (rubber boats) were prepared to respond to any emergency situations

Department of Social Welfare and Development (DSWD)

Deployed 576 Quick Response Teams (QRTs), 183 Social Welfare and Development (SWAD) Teams to areas likely to be affected; Alerted 3,073 volunteers for warehousing and stockpiling of Food and Non-Food Items (NFIs); Prepositioned 18,147 family food packs worth PhP2,915,906.05, other food and non-food items (NFIs) worth PhP121,980,854.25 and standby funds in the amount of PhP 2,827,456.23 in Regions I, II, III, IV-A, IV-B, V, NCR and CAR and at NROC/CO

Department of Health (DOH)

The DOH raised its OPCEN, CHDs and DOH Hospitals under Code White Alert; ambulance/medical teams; regional offices and hospitals were on nationwide alert; and CHDs prepositioned drugs, medicines and medical supplies at the provincial level

Philippine Red Cross (PRC)

The PRC has categorized its response to rescue and relief:

For response, PRC has stand-by equipment for water search and rescue (WASAR) (rubberboats), (medical) ambulances that could go to priority areas, in close coordination with LDRRMCs and for relief (food items), PRC has MOA with the NFA; PRC NHQ can serve 5,000-6,000 families with non-food items (NFIs) during emergency; with water treatment plant; and Portalets in evacuation centers (ECs) are properly maintained with hygiene promotion; families in ECs are educated properly by volunteers on their proper use and maintenance; use of emergency pit latrines in coordination with the DOH.

Department of Education (DepEd)

Alerted its QRTs in its Regional Offices and advised its Regional Directors to announce suspension of classes on 17 October 2010 and ensure that the classes of children in areas likely to be affected will not be disrupted

Department of Interior and Local Government (DILG)

Issued advisories to their Regional Offices advising all LGUs to coordinate with their respective DRR operation centers

National Grid Corporation of the Philippines (NGCP)

Activated its command centers nationwide; coordinated with PAGASA for the typhoon track; make sure that canals and drainages were clean and clear; and ensures that all telecom facilities were made available at all times; and its contingency plans (CPs) are in place

Department of Agriculture (DA)

As soon as the typhoon entered PAR, all DA Command Centers were activated and monitored on the availability and prices of basic goods/commodities. The National Food Authority is ready to provide and make the supply of rice available

Philippine Institute of Volcanology and Seismology (PHIVOLCS)

PHIVOLCS is monitoring the situation. If there will be a moderate earthquake and wet land, there is a possibility of a landslide occurrence, so residents of affected areas should be reminded of this possibility

Department of Public Works and Highways (DPWH)

The DPWH deployed its equipment and personnel to the following critical road sections:

- Km 222+1000 Daang Maharlika (Calitlitan Section) in Aritao, Nueva Vizcaya = 1 dump truck, 1 pay loader, 1 road grader, 1 chain saw and 5 personnel
- Km 255+000, Daang Maharlika, Abian Bambang, Nueva Vizcaya = 1 pay loader, 1 dump truck, 1 chain saw and 9 personnel
- Cagayan Valley Road Km 529+000, Nasipping, Gataran, Cagayan = 1 road grader, 1 pay loader, 1 dump truck, 1 chain saw and 30 personnel
- Manila North Road km 613+000, Amalagaoan, Claveria, Cagayan = 1 road grader, 1 pay loader, 1 dump truck, 1 chain saw and 31 personnel
- Dugo, San Vicente Road, km 627+000, Raputi, Sta Ana, Cagayan = 1 road grader, 1 dump truck, 1 chain saw and 21 personnel

Metro Manila Disaster RRMCC

MMDCC Chairman called for an emergency meeting on October 17, 2010 and discussed preparations of respective agencies for possible impact of TY "Juan"; The Outdoor Advertising Association of the Philippines (OAAP) instructed all its members to roll up their billboards as precautionary measures on the possible effects of Typhoon "JUAN".; and NCRCOM prepositioned its response assets specifically in the CAMANAVA area

Effects and Response Operations re Typhoon “JUAN” (MEGI)
(Search and Rescue, Evacuation and Relief)
REGIONAL PREPAREDNESS
As of 30 October 2010

REGION I

- ❖ RDRRMC1 issued pre-emptive evacuation orders to the four (4) PDRRMCs (Ilocos Norte, Ilocos Sur, La Union and Pangasinan)
- ❖ DOH CHD1 prepositioned medicines amounting to P100,000.00 in each provincial office plus the same amount as buffer stock in the regional office. All regional vehicles were recalled and are on standby.
- ❖ MDRRMC Bolinao, Pangasinan alerted the coastal barangays for pre-emptive evacuation
- ❖ All district hospitals in Pangasinan were placed on alert status.
- ❖ Provincial Health Office prepared fifty (50) bottles of hydrochloride solution ready to be distributed in flood affected areas
- ❖ PDRRMC Pangasinan were on full alert, posting of personnel and equipment in 3 advanced Command Posts: in Alaminos City for Western Pangasinan, in Tayug for Eastern Pangasinan and in Lingayen for Central Pangasinan
- ❖ PSWDO Pangasinan prepared and distributed 10,000 packs of assorted relief goods for
- ❖ PDRRMC Ilocos Norte prepositioned stocks of medicines, food stuffs and equipment in strategic areas of the province
- ❖ One (1) team from 580th PAF was deployed in Pasuquin, Ilocos Norte; one (1) team from 503rd PA in Laoag City, Ilocos Norte; and two (2) teams from Philippine Fleet DRTU in Candon City, Ilocos Sur
- ❖ PCG deployed teams from its Deployable Response Groups (DRGs) in San Fernando City and Bangar, La Union; and in San Roque, Sual; and in Lingayen of Pangasinan
- ❖ One (1) team from 580th PAF was deployed for Pasuquin, Ilocos Norte; one (1) team from 503rd PA for Laoag City, Ilocos Norte and two (2) teams from Philippine Fleet DRTU for Candon City, Ilocos Sur
- ❖ Two (2) DRTs from PCG-NHQ were deployed on 16 October at PCGDNL, to augment three (3) teams of PCGDNL. One (1) PCG DRT proceeded to Pagudpud, Ilocos Norte while two (2) others were deployed to Aparri, Cagayan
- ❖ PCG placed on standby four (4) Coast Guard ships, (2 SAR vessels and 2 auxilliary/MARPOL vessels), two (2) Coast Guard aircrafts and seven (7) SOG teams with diving equipment and rubber boats

REGION II

- ❖ Two PCG teams from Manila consisting of 7 men per team were deployed to Sta. Ana and Aparri, Cagayan to assist in evacuation and rescue operations
- ❖ DPWH RO2 deployed equipment and personnel to the critical road sections in Region II
- ❖ PDRRMC Cagayan established an Advance Command Post manned by RESCUE 29, PNP, Provincial General Services Office (PGSO), Provincial Engineers' Office (PEO) and PSWDO;
- ❖ BFP Cagayan conducted pre-emptive evacuation of 144 families/657 persons in two barangays namely Minanga and Caruan in Gonzaga;
- ❖ DSWD prepositioned 5,000 family food packs and 1,000 packs of used clothing and conducted pre-emptive evacuation and mass feeding
- ❖ Concerned P/M/DRRMC in Isabela and Barangay Operations Center convened and prepositioned resources (equipment and rescue units) on a 24/7 basis;
- ❖ PSWDO Isabela prepared 2,504 family food pack;
- ❖ PDRRMC Quirino was convened and presided by Gov Junie Cua to discuss preparedness measures and coordinated with Quirino DPWH Provincial Engineering District to inspect infrastructure under their jurisdiction

- ❖ RESCUE 933 and other auxiliary rescue groups were placed on standby at Nueva Vizcaya PDRRMC Opcen; and deployed heavy equipment in strategic places prone to flooding and landslides

CAR

- ❖ OCD-CAR prepositioned the emergency telecommunications equipment, designated 981 schools, barangay halls, churches and gyms as evacuation centers
- ❖ DTI monitored food supply and price of commodities
- ❖ PIA assisted the RDRRMC in disseminating advisories to local media
- ❖ DOTC monitored the flow of traffic and provided advisories to land transport
- ❖ AFP units; PNP municipal stations and emergency responders were on heightened alert status and were placed on standby for any mobilization to assist LGUs
- ❖ DPWH-CAR prepositioned 38 units of heavy equipment in landslide prone areas
- ❖ Baguio City Emergency Medical Services (BCEMS), Baguio City Fire Station, Baguio City Police, Baguio Benguet Public Information and Civic Action Group (BBPICAG) and Brgy Emergency Responders assisted in rescue and retrieval of the victim who was pinned down by a falling tree at Busol watershed and Brgy Ambiong, Baguio City
- ❖ Baguio City emergency responders cleared obstruction on road network

REGION III

- ❖ BFP-Region III evacuated 10 families / 36 people in Tarlac; assets on standby consisted of 516 personnel, 188 firetrucks, 1 rescue truck, 4 rubber boats and 5 ambulances

NCR

- ❖ NCRCOM prepositioned its response assets specifically in the CAMANAVA area.
- ❖ The Outdoor Advertising Association of the Philippines (OAAP) instructed all its members to roll up their billboards as precautionary measures on the possible effects of Typhoon "JUAN".
- ❖ MMDCC Chairman called for an emergency meeting on October 17, 2010 and discussed preparations of respective agencies for possible impact of TY "Juan".
- ❖ All LCDRRMC, LMDRRMC, BFP-NCR, NCRCOM, NCRPO, DSWD-NCR, CHD-MM, DOH-NCR, CDAG were put on alert status and prepositioned their response and rescue assets
- ❖ Chairman, MDRRMC formed a 100-man team to assist in the clearing of roads, carpentry of damaged houses and committed during the meeting to send contingent to Isabela if Typhoon Juan will not affect Metro Manila
- ❖ NCR Director with Chairman and key officials of MMDRRMC were interviewed by DZBB on preparedness measures relative to Typhoon Juan
- ❖ MDRRMC conducted a meeting at MMDA Bldg and came up with a contingency plan for the synchronization of all systems of concerned agencies

EFFECTS OF TYPHOON "JUAN" (MEGI)
Cost of Assistance
October 30, 2010

Region/Province/Mun/City	DSWD	LGUs	Phil Red Cross (PRC)	NGOs/ Other GOs	TOTAL
GRAND TOTAL	9,346,502.87	17,700,145.50	37,295,495.00	1,762,656.00	<u>66,104,799.37</u>
* Food and NFIs, etc.	-	-	37,261,495.00	-	37,261,495.00
NCR	52,500.00	87,560.00	-	-	140,060.00
Manila	52,500.00	87,560.00			140,060.00
REGION I	3,127,230.00	3,182,556.00	-	22,850.00	6,332,636.00
LA UNION	199,043.75	1,597,438.00	-	22,850.00	1,819,331.75
Aringay		888,558.00			888,558.00
Bacnotan		10,000.00			10,000.00
Bagulin		39,000.00			39,000.00
Bangar		48,700.00		15,000.00	63,700.00
Bauang	54,100.00	69,000.00		6,750.00	129,850.00
Burgos		12,210.00			12,210.00
Caba	95,243.75	13,250.00			108,493.75
Luna		152,000.00			152,000.00
Naguilian		50,000.00		800.00	50,800.00
Pugo	49,700.00	46,820.00			96,520.00
Rosario		22,750.00			22,750.00
San Fernando City		168,150.00			168,150.00
San Juan		12,000.00			12,000.00
Sudipen		10,000.00		300.00	10,300.00
Tubao		55,000.00			55,000.00
PANGASINAN	2,928,186.25	1,562,378.00	-	-	4,490,564.25
w/out breakdown	1,809,586.25				1,809,586.25
Agno		124,800.00			124,800.00
Alcala		350,053.00			350,053.00
Asingan		100,000.00			100,000.00
Balungao		59,925.00			59,925.00
Bautista		61,840.00			61,840.00
Bugallon		6,270.00			6,270.00
Infanta		44,000.00			44,000.00
Mabini		11,000.00			11,000.00
Mangaldan	260,028.75				260,028.75
Rosales		122,000.00			122,000.00
San Nicolas		3,450.00			3,450.00
San Quintin	615,028.75	25,000.00			640,028.75
Sison		80,000.00			80,000.00
Sta. Barbara		10,520.00			10,520.00
San Fabian	243,542.50				243,542.50
Sta. Maria		142,661.00			142,661.00
Sual		750.00			750.00
Tayug		20,995.00			20,995.00
Urdaneta City		299,114.00			299,114.00
Villasis		100,000.00			100,000.00
ILOCOS NORTE	-	22,740.00	-	-	22,740.00
Bangui		4,230.00			4,230.00
Burgos		9,870.00			9,870.00
Carasi		3,000.00			3,000.00
Pagudpud		5,640.00			5,640.00
REGION II	5,239,750.00	10,107,105.50	-	1,339,420.00	16,686,275.50
ISABELA	4,982,020.00	9,466,179.50	-	1,339,420.00	15,787,619.50
Alicia	54,180.00	134,095.50		24,852.00	213,127.50
Aurora	25,200.00	62,370.00			87,570.00
Benito Soliven	120,000.00	291,802.50		132,240.00	544,042.50
Burgos	240,000.00	594,000.00		27,816.00	861,816.00
Cabagan	152,910.00	378,452.25		12,084.00	543,446.25
Cabatuan		43,050.00			43,050.00
Cauayan				27,816.00	27,816.00
Cordon	7,890.00	19,527.75			27,417.75
Delfin Albano	60,000.00	49,524.75		15,960.00	125,484.75
Dinapigue	2,340.00	5,791.50			8,131.50
Divalacan	405,000.00	173,696.00		117,388.00	696,084.00

EFFECTS OF TYPHOON "JUAN" (MEGI)

Cost of Assistance
October 30, 2010

Region/Province/Mun/City	DSWD	LGUs	Phil Red Cross (PRC)	NGOs/ Other GOs	TOTAL
Echague		2,970.00			2,970.00
Gamu	258,420.00	639,589.50		18,240.00	916,249.50
Ilagan	86,130.00	654,296.25		449,960.00	1,190,386.25
Luna	138,630.00	362,208.75		58,824.00	559,662.75
Maconacon	730,000.00	173,105.00		67,000.00	970,105.00
Mallig	120,000.00			18,240.00	138,240.00
Naguillan	188,520.00	466,587.00			655,107.00
Palanan	648,000.00	1,948,800.00		141,000.00	2,737,800.00
Quezon	120,000.00			18,240.00	138,240.00
Quirino	144,000.00	375,750.00		18,240.00	537,990.00
Ramon		2,970.00			2,970.00
Reina Mercedes	108,510.00	268,562.25		10,716.00	387,788.25
Roxas	401,040.00	1,107,420.00			1,508,460.00
San Isidro	7,110.00	17,597.25			24,707.25
San Manuel	300,000.00	161,641.75		98,952.00	560,593.75
San Mariano	203,010.00	502,449.75			705,459.75
San Pablo	45,000.00			24,852.00	69,852.00
Sta. Maria	117,270.00	290,243.25			407,513.25
Sto Tomas	88,380.00	218,740.50		37,164.00	344,284.50
Tumaini	210,480.00	520,938.00		19,836.00	751,254.00
CAGAYAN	115,740.00	287,421.75	-	-	403,161.75
Amulung	5,940.00	14,701.50			20,641.50
Aparri	1,500.00	3,712.50			5,212.50
Claveria	1,770.00	4,380.75			6,150.75
Gonzaga	4,320.00	10,692.00			15,012.00
Iguig	14,220.00	35,194.50			49,414.50
Lasam	1,080.00	2,673.00			3,753.00
Rizal	32,760.00	81,081.00			113,841.00
Solana	1,350.00	3,341.25			4,691.25
Sta. Ana	3,570.00	8,835.75			12,405.75
Sta. Praxedes		965.25			965.25
Sta. Teresita	4,890.00	12,102.75			16,992.75
Tuao	7,140.00	17,671.50			24,811.50
Tuguegarao City	37,200.00	92,070.00			129,270.00
QUIRINO	110,040.00	272,571.75	-	-	382,611.75
Cabarroguis	19,230.00	47,594.25			66,824.25
Nagtipunan	30,600.00	75,735.00			106,335.00
Saguday	46,290.00	114,567.75			160,857.75
Aglipay	10,500.00	25,987.50			36,487.50
Maddela	3,420.00	8,464.50			11,884.50
Diffun		222.75			222.75
NUEVA VIZCAYA	31,950.00	80,932.50	-	-	112,882.50
Dupax del Norte	3,030.00	7,499.25			10,529.25
Solano	5,250.00	12,993.75			18,243.75
Bayombong	1,110.00	2,747.25			3,857.25
Dupax del Sur		1,856.25			1,856.25
Villaverde	12,000.00	29,700.00			41,700.00
Sta. Fe	4,650.00	11,508.75			16,158.75
Bambang	5,910.00	14,627.25			20,537.25
REGION III	499,322.87	2,532,611.00	34,000.00	303,250.00	3,369,183.87
AURORA	-	68,000.00	-	-	68,000.00
Dilasag		50,000.00			50,000.00
Dinalungan		18,000.00			18,000.00
TARLAC	268,384.00	2,018,489.00	34,000.00	265,750.00	2,586,623.00
Anao		25,500.00			25,500.00
Camiling		11,036.00			11,036.00
Gerona		45,000.00			45,000.00
La Paz	101,352.00	4,950.00		165,000.00	271,302.00
Moncada		347,027.00			347,027.00
Paniqui	151,282.00	723,064.00		100,750.00	975,096.00
Pura		11,760.00			11,760.00
Ramos		10,000.00			10,000.00
San Clemente		557,152.00	34,000.00		591,152.00

EFFECTS OF TYPHOON "JUAN" (MEGI)

Cost of Assistance

October 30, 2010

Region/Province/Mun/City	DSWD	LGUs	Phil Red Cross (PRC)	NGOs/ Other GOs	TOTAL
San Manuel	15,750.00	280,000.00			295,750.00
Sta. Ignacia		3,000.00			3,000.00
PAMPANGA	139,538.87	201,424.00	-	-	340,962.87
Macabebe		78,668.00			78,668.00
Minalin		30,000.00			30,000.00
Angeles City		4,358.20			4,358.20
Bacolor		7,244.80			7,244.80
San Fernando City	139,538.87	81,153.00			220,691.87
NUEVA ECIJA	-	98,750.00	-	30,000.00	128,750.00
Cuyapo		10,000.00			10,000.00
Quezon		88,750.00		30,000.00	118,750.00
BULACAN	7,400.00				7,400.00
Malolos City	7,400.00				7,400.00
ZAMBALES	-	108,448.00	-	7,500.00	115,948.00
Botolan				7,500.00	7,500.00
Iba		4,844.00			4,844.00
San Felipe		4,650.00			4,650.00
Sta. Cruz		87,954.00			87,954.00
Subic		11,000.00			11,000.00
BATAAN	84,000.00	37,500.00	-	-	121,500.00
w/out breakdown	84,000.00				84,000.00
Orion		37,500.00			37,500.00
REGION IV-A	-	37,650.00	-	-	37,650.00
RIZAL	-	13,900.00	-	-	13,900.00
Antipolo		13,900.00			13,900.00
CAVITE	-	23,750.00	-	-	23,750.00
Tagaytay City		4,550.00			4,550.00
Ternate		19,200.00			19,200.00
CAR	427,700.00	1,752,663.00	-	97,136.00	2,277,499.00
BENGUET	84,940.00	164,219.00	-	97,136.00	346,295.00
Released thru PSWDO	27,400.00				27,400.00
Baguio City	41,100.00	44,319.00		8,400.00	93,819.00
Itoyon		70,000.00		14,500.00	84,500.00
Kibungan		500.00			500.00
La Trinidad		10,850.00			10,850.00
Sablan		5,000.00			5,000.00
Tuba		18,600.00		61,000.00	79,600.00
Tublay	16,440.00	14,950.00		13,236.00	44,626.00
KALINGA	-	775,382.00	-	-	775,382.00
Balbalan		18,732.00			18,732.00
Lubuangan		81,000.00			81,000.00
Pinukpuk		375,000.00			375,000.00
Rizal		20,000.00			20,000.00
Tabuk		280,650.00			280,650.00
MT. PROVINCE	342,760.00	92,130.00	-	-	434,890.00
Paracelis	277,000.00	500.00			277,500.00
Natonin		13,880.00			13,880.00
Tadian	65,760.00	77,750.00			143,510.00
APAYAO	-	635,162.00	-	-	635,162.00
Flora		26,500.00			26,500.00
Calanasan		1,500.00			1,500.00
Conner		115,800.00			115,800.00
Kabugao		310,265.00			310,265.00
Luna		2,200.00			2,200.00
Pudtol		79,597.00			79,597.00
Sta. Marcela		99,300.00			99,300.00
IFUGAO	-	39,700.00	-	-	39,700.00
Lagawe		6,700.00			6,700.00
Lamut		33,000.00			33,000.00
ABRA	-	46,070.00	-	-	46,070.00
Lacub		44,685.00			44,685.00
Lagayen		1,385.00			1,385.00

* Total expenses provided by Philippine Red Cross such as deployment of WASAR Team, Food and Non-food Items, Hygiene Kits, Tarpaulins, etc.

**Effects and Response Operations re Typhoon “JUAN” (MEGI)
(Search and Rescue, Evacuation and Relief)
POST ACTIVITY REPORT OF 1ST NATIONAL RAPID ASSESSMENT TEAM
As of 30 October 2010**

Findings in Cagayan

Typhoon Juan brought very strong winds and heavy rains that resulted to heavy damages to houses, agricultural crops and fisheries in the region. Severe disruptions in power distribution in the Cagayan Valley Provinces were due to toppled transmission towers. However, Mayor Delfin Ting of Tuguegarao City reported that best efforts are ongoing for early restoration. Cagayan Province has so far reported only one casualty and few injured residents. As reported by Gov Alvaro Antonio, agricultural sector has the higher valuation.

The troops of the 5th Infantry Division of the Philippine Army, AFP under the command of MGEN Rommel Gomez were among the first responders in the badly hit communities. The Police Regional Office 2, PNP led by PCS Francisco Villaroman optimized preparedness actions by police officers down to the community level in ensuring the safety of evacuation sites

With most of the communication and power facilities on the process of being restored and that agricultural recovery and support is considered an urgent need and that no significant factor can prevent the successful conduct of Barangay Elections as scheduled on October 25, 2010

Findings in Isabela

The National Council Chairperson met Governor FAustino Dy III and the mayors of the 22 municipalities affected and Santiago City. The local Chief executives conservatively estimated the extent of damages at eighty percent (80 %) of the croplands planted to rice, corn and other high value commercial crops. Accordingly, the affected farmers were also victims of the recent El Nino phenomenon in the country. In terms of displaced families, Isabela has the most number among all the affected provinces and that the provision of shelter assistance is critical and tents are urgently needed. Most LGUs asked for additional food support at least good for another four (4) days and local leaders requested for exemption from the election ban for relief goods distribution to enable them to assist their constituents and with respect to the forthcoming Barangay Elections, the consensus among the local leaders is to recommend that COMELEC will conduct the polls as scheduled except in the following coastal towns facing the Pacific Ocean namely: Divilican, Maconacon and Palanan.

Over-all Assessment

Cagayan and Isabela, being both agriculture-rich provinces, experienced a severe setback in its economic base with the damages and losses. The available stockpiles of rice and basic staples are assessed to be sufficient to subsist the entire consumer base in the region while the projected volume of outside assistance will most likely restore the supply soon enough.. As the COMELEC decided to proceed with the forthcoming elections and with only the suspension of schedule in the three (3) above-cited municipalities, the challenge is daunting for all stakeholders to ensure continuity of governance. To address the immediate needs of the affected municipalities, the LGUs should be consulted and involved in the delivery of whatever form of assistance is offered and accepted. The National Council will initially direct all relief efforts until the recovery phase is underway towards rehabilitation.

Effects and Response Operations re Typhoon “JUAN” (MEGI)
(Search and Rescue, Evacuation and Relief)
RESULT OF JOINT NDRRMC/UN ASSESSMENT MISSION
As of 30 October 2010

FINDINGS

All primary and secondary roads between Isabelita and Tuguegarao, Cagayan were fully accessible to road transport. But the 4 coastal municipalities located east of Sierra Madre mountain range (Maconacon, Divilican, Ilagan and Tumauni can only be accessible by air or boat.

The PDRRMC provided relief assistance to the typhoon victims in the accessible areas. Clearing operations had been effected through the concerted efforts of the 5th ID, PA, 202nd CDC, ARESOM, ISRR-Alpha Coy members, ENRO and PGSO personnel. The Philippine Air Force and the US Government provided support in terms of airlift operations in areas not accessible by land.

There were no more evacuees at the evacuation centers since all have returned to their places of origin. Families were either constructing makeshift shelters using materials from their destroyed houses. Others whose houses were totally damaged were staying with their relatives.

NEEDS ASSESSMENT

According to Key respondents from Tumauni and Ilagan City, the urgent needs of residents are food, shelter, livelihood and water.

FOOD SECURITY

Far flung municipalities of Divilican, Maconacon and Palanan were provided with 15 days food assistance by combined DSWD and provincial government resources. After 15 days the DSWD will sustain food assistance thru food for work while restoring their communities ex clearing of areas, repair of houses and other community activities.;; Price of rice went up from PhP 28 to PhP32 in two days; Negative coping strategies include borrowing money from neighbors; Of the 30,000 rice stocks in the Tumauni NFA warehouse, 10,000 sacks were damaged (30%); Tumauni municipality have rice stocks for three months; Rice stocks in Maconacon will last up to November; Rice mill facility was damaged; Monthly rice consumption is one sack per family of five members.; WFP rice stocks in Maconacon were damaged; the remaining stocks will be used for food for work activities; and 250 boxes of high energy biscuits were delivered to Maconacon on 22 October

EMERGENCY SHELTER

Prices of housing materials such as galvanized iron, nails, lumber have gone up by 50%; Needs in Tumauni are 1,589 tents for families whose houses were totally damaged, tarpaulins and construction materials and big tents to be used as temporary classrooms; The municipal government of Tumauni received lumbars from donors to be used for the repair of damaged school buildings; and 85% of the houses in Maconacon were totally damaged with 15% partially damaged.

WASH

Water purification facilities in the coastal municipalities were damaged because of sea water intrusion.

HEALTH

In Maconacon, one case of dengue was reported and the needs are medicines for hypertension and colds.

LIVELIHOOD

Bancas and rice mills were damaged in the coastal towns visited.

NON FOOD ITEMS

Needs are mosquito nets, slippers, Kitchen utensils, Mats, Blankets, School supplies

LOGISTICS

Transport of relief supplies to the affected coastal areas is a challenge.

For areas that are not accessible, air support is provided by the Philippine Air Force and the US government.

RECOMMENDATIONS

For the RDRRMC to assist the PDRRMC through the cluster in the conduct of a detailed and in-depth damage and needs assessments in all critical affected areas in Regions II, I and CAR

RDRRMC to closely monitor the logistical needs in the affected areas and coordinate with NDRRMC for other logistical requirements that are not available in the region

DSWD to provide Critical Incident Stress Debriefing (CISD) and identify areas that needs to be prioritized;

**Effects and Response Operations re Typhoon “JUAN” (MEGI)
(Search and Rescue, Evacuation and Relief)
ASSESSMENT OF PREPAREDNESS AND RESPONSE ACTION PER AGENCY
DURING POST EVALUATION MEETING ON OCTOBER 20, 2010
As of 30 October 2010**

PAGASA

The location /movement and status of Typhoon “Juan” and the possible entry of approaching Typhoon “Katring” in the country which is not as strong as Typhoon “Juan”

DSWD

There was prepositioning of food and non-food items even before the typhoon came; based on the accounts of local officials in affected areas, DSWD’s core shelter models adopted since 1990 was proven to be durable compared to the other housing models; Local DRRMCs in affected areas were on top of the situation; There are still available food and non-food items in National and Regional Resource Operations Centers (N/RROCs); There is a need for DTI and PNP to monitor prices of basic commodities in affected areas; Additional QRF was received for its relief operations and core shelter assistance; and it is expecting additional calamity funds for Regions 1, 2 and CAR.

DepEd

There were 31 schools in Regions 1, 2, 3 and 4-A that were used as evacuation centers for 947 families/3,409 persons. To restore classes in affected areas, several alternative delivery modes were identified: 1) for schools with damaged classrooms, modules will be provided to students for them to study at home; 2) teacher’s visits to students, and 3) tents to be used as temporary classrooms.

DA

Activated the DA Response, Monitoring and Data Management Teams at the provincial and regional levels and has a ready damage assessment tools (modelling); The provinces of Pangasinan and Isabela were both heavily affected by TY “Pepeng” and TY “Juan” and therefore could delay palay farming in said area; will provide 40 and 20 kilos certified seeds for completely and partially damaged crops /farms, respectively; and USEC Yumul of PAGASA proposed Risk transfer mechanisms such as a Weather Index-based Risk Insurance for Agricultural Crops.

DILG

Issued advisories to its Regional Directors for the activation of protocols by LGUs in their jurisdictions and advised the LGUs to use first their Local Disaster Risk Reduction and Management (LDRRM) Fund before asking for funding support from the NDRRM Fund.

DOH

Response actions were done by the DOH Regional Offices and DOH Central Office applied a Color Coding System for its Center for Health Development (CHD) during emergencies or disasters.

DPWH

Equipment were deployed for road clearing operations in affected areas

AFP

Navy Forces were mobilized on 22 October 2010 to bring relief supplies to Palanan, Isabela and raised issue on the need to facilitate issuance of clearance for the entry of foreign aircraft (CH46E of the US Armed Forces based in Okinawa) that will be used for damage assessment/HA/DR in affected areas.

PNP

Established its Sub-Committee on Disaster Management; activated the PNP National Disaster Operations Center; directed its Field stations to assist LGUs and other national government agencies in their disaster preparedness and response actions.

NEA

Mobilized its Task Force Cagayan and Isabela and 58 linemen for Nueva Ecija to help electric cooperatives in said provinces.

PCG

Come up with their post-evaluation report as their personnel are still on the ground; responded to the Oil Spill in Pagudpud, Ilocos Norte where 800 meters of the shoreline is affected; disseminated timely information/ advisories to fishermen in likely affected areas based on existing protocols.

BFP

Recalled all its personnel on leave and off-duty for possible response operations

NEDA

Preparing for post-Juan rehabilitation that will consider mainstreaming disaster risk reduction; immediate and long-term interventions; rebuilding livelihoods and infrastructure, and psychosocial services interventions

NDRRMC Executive Director's Guidance on the Conduct of Damage and Needs Assessment (NDRRMC Circular No. 1, S-2010, dated 22 October): **"First hit, First served; First offered, First accepted; and First recovered, First rehabilitated"**.