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**BUREAU FOR DEMOCRACY, CONFLICT, AND HUMANITARIAN ASSISTANCE (DCHA)
OFFICE OF U.S. FOREIGN DISASTER ASSISTANCE (OFDA)**

Philippines – Tropical Storms

Fact Sheet #6, Fiscal Year (FY) 2010

October 16, 2009

Note: The last fact sheet was dated October 13, 2009.

KEY DEVELOPMENTS

- According to the Government of the Republic of the Philippines (GoRP) National Disaster Coordinating Council (NDCC), Tropical Storm Ketsana (Ondoy) and Typhoon Parma (Pepeng) have affected nearly 7.9 million people, leaving 773 people dead, more than 250,000 people displaced in shelters, and more than 151,000 houses damaged or destroyed as of October 16.
- On October 16, a USAID/OFDA water, sanitation, and hygiene (WASH) advisor arrived in the Philippines to evaluate WASH conditions at evacuation centers and affected areas and monitor progress of U.S. Government (USG) funded WASH emergency interventions.
- A third Pacific typhoon is threatening northern Luzon island. As of October 16 at 1100 hours Eastern Daylight Time, the center of Typhoon Lupit was located approximately 460 miles north of Palau, according to the U.S. Joint Typhoon Warning Center (JTWC). JTWC predicts the typhoon will strengthen while moving over open water, before making landfall on northern Luzon on October 21 local time with projected maximum sustained wind speeds of nearly 144 miles per hour.

NUMBERS AT A GLANCE	SOURCE	
Total Affected Population	7,881,792	NDCC - October 16, 2009
Dead	773	NDCC - October 16, 2009
Injured	574	NDCC - October 16, 2009
Missing	88	NDCC - October 16, 2009
Evacuated or Displaced	250,321	NDCC - October 16, 2009
Infrastructure Damage	151,435 houses, as well as roads, bridges, schools, and agricultural land	NDCC - October 16, 2009

FY 2009 AND FY 2010 HUMANITARIAN FUNDING TO DATE

USAID/OFDA Assistance for Philippines Tropical Storms.....\$3,263,946¹
DoD² Assistance for Philippines Tropical Storms.....\$827,581
Total USG Humanitarian Assistance for Philippines Tropical Storms.....\$4,091,527

CURRENT SITUATION

- U.N. Disaster Assessment and Coordination (UNDAC) rapid needs assessment teams continue to visit areas affected by Tropical Storm Parma in Pangasinan, Tarlac, and Nueva Ecija provinces in central and northern Luzon. On October 13, initial UNDAC reports indicated that floodwaters were receding in areas of Pangasinan Province flooded by increased releases of water from the San Roque Dam during Parma's second landfall from October 6 to 9. Evacuation centers that opened at the height of the flooding are closing, with evacuees returning to areas of origin.
- An artificial dam has formed in Umingan city, Pangasinan Province, due to landslides and rubble impeding normal river flow, according to an October 15 U.N. Logistics Cluster report. The volume of blocked water could cause floods and mudslides in nearby populated areas. An estimated 300 residents in threatened areas had evacuated as of October 16, according to the U.N. Office for the Coordination of Humanitarian Affairs (OCHA), and adjacent areas remain under alert. Local government and military responders are at the site determining a suitable mitigation strategy, which could include blasting obstructions.
- On October 15, the GoRP stated that local authorities had completed dredging 6 meters of riverbed in the Pasig River near Manila and expects full drainage of floodwaters from affected areas to take up to four months.

¹ This amount includes nearly \$2.7 million of USAID/OFDA's FY 2010 allocation of \$3.8 million for emergency grants to date.

² U.S. Department of Defense (DoD)

WASH

- On October 13, UNDAC teams reported that WASH needs remained the highest priorities in surveyed areas, with additional water purification tablets, water containers, and portable toilets required. UNDAC also called for increased hygiene education and promotion.
- On October 16, the International Organization for Migration (IOM) began distributing 110 metric tons of WASH relief supplies, delivered to Manila on an October 13 USAID/OFDA charter flight, to affected individuals in Laguna and Pangasinan provinces and Muntinlupa city, central Luzon.
- As of October 13, the GoRP Department of Health (DoH) had distributed 227 portable toilets to evacuation centers, with distribution of water disinfectant materials ongoing. The DoH also deployed nine WASH teams to test water quality in affected areas, including evacuation centers.

Health

- According to DoH estimates released on October 14, 17 government hospitals, 110 municipal health centers, and 7 Local Government Unit (LGU) hospitals had sustained at least \$21 million in damage.
- As of October 13, acute respiratory tract infections, skin infections, diarrhea, and infected wounds represented the primary causes of morbidity in affected areas, according to the U.N. World Health Organization (WHO).
- The GoRP National Epidemiology Center (NEC) had confirmed an outbreak of acute watery diarrhea in one *barangay*, the Philippines' smallest administrative unit, in Marilao, Bulacan Province, and another outbreak in an evacuation center in San Pedro, Laguna Province, as of October 15. DoH hospitals have reported 97 acute watery diarrhea cases and two deaths. As of October 15, NEC had confirmed an outbreak of leptospirosis—a rare, contagious bacterial infection—in three *barangays* in Marikina city, and DoH hospitals have reported 813 cases and 16 deaths overall.
- The Marilao LGU is rationing water and overseeing water treatment in response to the acute watery diarrhea outbreak. GoRP health officials have established an infirmary to treat cases in the San Pedro evacuation center.
- WHO plans to donate diarrheal disease treatment kits sufficient for 10,000 cases to DoH and non-governmental organizations providing emergency health services in affected areas. WHO also continues to provide technical guidance to DoH and the U.N. Health Cluster through case management guidelines for leptospirosis and acute watery diarrhea. Médecins Sans Frontières has sent a medical team to Marilao.

Food Security and Emergency Food Assistance

- The U.N. World Food Program (WFP) is conducting a prioritization exercise with the GoRP Department of Social Welfare and Development designed to maximize efficient use of limited resources to assist the most vulnerable communities. Additionally, WFP is developing a food distribution plan for Tropical Storm Ketsana-affected areas.
- On October 13, UNDAC teams stated that food distribution was occurring on a meal-by-meal basis in many surveyed evacuation centers. The team noted that food rations covering a week or longer would likely enable evacuees to return to houses, decrease reliance on assistance, and encourage a return to normalcy. Food accounts for 90 percent of assistance distributed to evacuation centers, according to OCHA.
- The GoRP Department of Agriculture (DoA) estimates crop damage at \$143 million for Ketsana and \$105 million for Parma as of October 13, with a total of 395,591 hectares of agricultural land and approximately 395,000 farmers affected.
- DoA inventories of available seeds and pre-positioning of agricultural inputs, including seeds, fertilizers, tools, and fishing equipment, have begun based on results of current damage reports in areas affected by Ketsana.

Emergency Shelter and Relief Commodities

- As of October 16, 12 U.N. Shelter Cluster partners have reported completion of relief commodity distribution for 17,586 households, according to OCHA, with distributions ongoing for a total of 31,756 households and planned for an additional 15,014 households. In consultation with the GoRP, the Shelter Cluster is targeting 42,242 households with comprehensive shelter support, pending funding and availability of land.

USG HUMANITARIAN ASSISTANCE

- On September 28, U.S. Ambassador Kristie A. Kenney issued a disaster declaration due to the effects of Tropical Storm Ketsana. In response, USAID/OFDA provided an immediate \$100,000 through USAID/Philippines to the Philippines National Red Cross (PNRC) for the local purchase and delivery of emergency relief supplies. Funding also supported cleanup efforts focused in the Manila metropolitan area.
- On October 8, USAID/OFDA increased its allocation to \$3.8 million for emergency grants to humanitarian organizations, including \$500,000 to WFP to support special relief operations, under a joint U.N. flash appeal, \$500,000 to the American Red Cross (AmRC), and \$150,000 to IOM. On October 13, USAID/OFDA also announced plans to provide \$395,014 to the Adventist Development and Relief Agency (ADRA), \$248,081 to

Catholic Relief Services (CRS), \$222,953 to Samaritan's Purse, \$175,947 to World Vision/US, and \$300,000 to Save the Children/US (SC/US). The remaining funding will be programmed based on ongoing assessments.³

- On October 2 and 13, in coordination with the U.S. Embassy in Manila and GoRP authorities, two USAID/OFDA charter flights delivered emergency relief items, including 340 rolls of plastic sheeting for temporary shelter, 50,060 bars of soap, 23,424 hygiene kits, and 23,734 10-liter collapsible water containers. PNRC received the commodities from the October 2 flight for delivery to 20,000 flood-affected individuals, and IOM received the October 13 items for issuance to more than 20,000 families.
- A USAID/OFDA regional advisor deployed to the Philippines from September 29 to October 14 to assess flood impacts and facilitate USG assistance, in coordination with the U.S. Embassy in Manila and USAID/Philippines. A USAID/OFDA field officer and WASH advisor remain in-country.
- In the early stages of the disaster response, DoD Pacific Command provided equipment, transport, and logistics support, including 10 helicopters and 6 Zodiac boats for search and rescue efforts, to aid storm-affected individuals.
- From October 2 to 13, DoD assistance included a delivery flight of emergency relief supplies to Batanes Province, northern Philippines, and transport of food and relief supplies to affected areas by road and helicopter. DoD medical teams screened 8,850 medical patients and 357 dental patients; DoD flights transported 262 passengers and moved 114,880 pounds of cargo; and DoD engineers conducted 12 assessments, removed 1,385 cubic meters of debris, and cleared 2,650 meters of road.
- On October 10, a USAID/OFDA field officer deployed with the 3rd Marine Expeditionary Brigade accompanied DoD staff on an aerial assessment of affected areas in northern Luzon Island. On October 11, the field officer joined a DoD route survey of a major highway and secondary roads.

USG HUMANITARIAN ASSISTANCE FOR PHILIPPINES TROPICAL STORMS

FY 2010			
<i>Implementing Partner</i>	<i>Activity</i>	<i>Location</i>	<i>Amount</i>
USAID/OFDA ASSISTANCE⁴			
ADRA	Emergency Relief Supplies, Logistics and Transportation	Metro Manila and Laguna Province	\$395,014
AmRC	Emergency Relief Supplies, Logistics and Transportation	Metro Manila; Rizal, Laguna, and Zambales provinces; Marikina, Taguig, and Quezon cities	\$500,000
CRS	Emergency Relief Supplies, Logistics and Transportation	Bulacan and Rizal provinces	\$248,081
IOM	Humanitarian Coordination and Information Management	Affected Areas	\$150,000
SC/US	Water, Sanitation, and Hygiene	Caloocan, Muntinlupa, Laguna, and Taguig cities	\$300,000
Samaritan's Purse	Emergency Relief Supplies, Logistics and Transportation	Laguna Province	\$222,953
USAID/OFDA Airlift	Emergency Relief Supplies	Laguna and Pangasinan provinces; Muntinlupa city	\$361,931
WFP	Emergency Relief Supplies, Logistics and Transportation	Affected Areas	\$500,000
World Vision/US	Emergency Relief Supplies, Logistics and Transportation	Affected Areas	\$175,947

³ USAID/OFDA funding represents anticipated or actual obligated amounts as of October 16, 2009.

	Administrative Cost	Affected Areas	\$5,524
TOTAL USAID/OFDA			\$2,859,450
DOD			
DoD	Emergency Relief Supplies, Logistics and Transportation	Affected Areas	\$827,581
TOTAL DOD			\$827,581
TOTAL USG HUMANITARIAN ASSISTANCE IN FY 2010			\$3,687,031
FY 2009			
<i>Implementing Partner</i>	<i>Activity</i>	<i>Location</i>	<i>Amount</i>
USAID/OFDA ASSISTANCE⁴			
PNRC	Emergency Relief Supplies	Affected Areas	\$100,000
USAID/OFDA Airlift	Emergency Relief Supplies, Logistics and Transportation	Affected Areas	\$293,709
	Administrative Cost	Affected Areas	\$10,787
TOTAL USAID/OFDA			\$404,496
FY 2009 AND FY 2010 HUMANITARIAN ASSISTANCE PROVIDED TO DATE			
USAID/OFDA			\$3,263,946
DOD			\$827,581
TOTAL USG HUMANITARIAN ASSISTANCE FOR PHILIPPINES TROPICAL STORMS			\$4,091,527

⁴USAID/OFDA funding represents anticipated or actual obligated amounts as of October 16, 2009.

PUBLIC DONATION INFORMATION

- The most effective way people can assist relief efforts is by making cash contributions to humanitarian organizations that are conducting relief operations. Information on organizations responding to the humanitarian situation in the Philippines is available at www.reliefweb.int.
- USAID encourages cash donations because they allow aid professionals to procure the exact items needed (often in the affected region); reduce the burden on scarce resources (such as transportation routes, staff time, warehouse space, etc); can be transferred very quickly and without transportation costs; support the economy of the disaster-stricken region; and ensure culturally, dietary, and environmentally appropriate assistance.
- More information can be found at:
 - USAID: www.usaid.gov – Keyword: Donations
 - The Center for International Disaster Information: www.cidi.org or (703) 276-1914
 - Information on relief activities of the humanitarian community can be found at www.reliefweb.int

USAID/OFDA bulletins appear on the USAID web site at http://www.usaid.gov/our_work/humanitarian_assistance/disaster_assistance/