

# HURRICANE MATTHEW

Situation Report No. 6 Date: 05 October 2016 (14:00 EST)



This report is produced by PAHO/WHO in collaboration with PAHO Country Offices, Ministries of Health, and with inputs from official organizations. This report covers the period from 04-05 October 2016 at 14:00 EST.

## HIGHLIGHTS

- Matthew is a Category 3 Hurricane with maximum sustained winds near 113 mph (185 km/h)
- A Hurricane Warning is in effect for: Haiti, Eastern Cuban provinces, the Bahamas, and Turks and Caicos Islands, Matthew is supposed to affect these countries in the next 24 hours
- In the United States:
  - 3 states (Florida, North Carolina, and South Carolina) have declared a state of emergency
    - Mandatory evacuations for an estimated 1.5 million people in South Carolina have begun
    - The National Guard remains on stand-by
  - 6 states (Florida, Georgia, South Carolina, North Carolina, Tennessee, and Virginia) have begun storm preparations; shelters have been identified and set-up for evacuees

## SITUATION OVERVIEW

- Hurricane Matthew formed near the Windward Islands on September 28, 2016 and as a Tropical Storm, Matthew impacted Barbados, Dominica, Saint Lucia, and Saint Vincent and the Grenadines
- On October 4, At 7:00am, Matthew made landfall near Les Anglais, Haiti (estimated pop. 27, 182)
- PAHO has deployed a total of 11 Regional Response Team Experts to 4 countries (see table below)

Country	PAHO Deployees
Haiti	
Bahamas	
Jamaica	
Cuba	

WASH  
 HEALTH COORD  
 DANA  
 LOG  
 EMT COORD

## RESPONSE ACTIONS:

### HAITI

- Five persons dead; over 140 houses damaged
- Civil Protection evacuated 10,000 persons (6,416 from Sud Department) into shelters, however many remained outside shelters (number unknown)
- City of Les Cayes (Sud Department) largely flooded
- 11 communes in the Southern Departments were flooded by high sea levels
- 5 new cases of cholera reported in Randel on October 03, 2016
- Collapse of the Petit Goave Bridge makes access to South, Nippes and Grande Anse difficult

#### Government:

- Two islands in southern region (Ilet a Brouee and Caille a l'eau) have been evacuated
- Red alert has been declared and the airport will reopen on Thursday, October 6. Restrictions to maritime traffic are still in place
- National Emergency Operations Center (NEOC) and PAHO EOC have been activated

#### PAHO/WHO:

- After initial assessments, communications were interrupted in Sud Department due to a destroyed antenna
- 4 experts deployed (LOG (2)/HEALTH COORD/EMT) and PAHO-HTI declared emergency
- Evacuated half of population in Les Cayes (pop. approximately 87,000) on Saturday
- Coordinating response with El COUN (NEOC) and MSPP (central and local levels)
- PAHO-HTI has activated its Preparedness and Response Plan for Emergencies and Disasters as well as its Business Continuity Plan. The Situation Room has been established with designated staff and the office building and equipment have been secured
- 4 PAHO-HTI field teams are on the ground as well as a Rapid Response Emergency Unit
- 2 EMTs on stand-by, 4 monitoring the situation, and 11 following EMT information through Virtual OSOCC
- Post-event assessments in the 10 Haitian departments revealed that of 15 hospitals:
  - 8 are intact
  - 5 are not reachable
  - 1 is functional
  - 1 was entirely evacuated to another hospital (Les Cayes (level-2) to Cavaillon)

Department	City	October 04, 2016 3:00 PM
West	HUEH	Intact-preparing to admit patients from other Departments
	Port au Prince	
	Petit Goave	Not reachable
Artibonite	Gonaives	Not reachable
Nord Ouest	Port de Paix	Intact
Nord	Le Cap	Intact
Nord Est	Fort Liberte	Intact
	Ouanaminthe	Intact
Centre	Hinche	Intact
	Mirebalais	Intact
Nippes	Miragoane	Intact
Sud Est	Jacmel	Not reachable
Sud	Les Cayes	2 <sup>nd</sup> level hospital- entirely evacuated (on 03 October) to Cavaillon
	Cavaillon	Functional
Grand'Anse	Jeremie	Not reachable
	Dame Marie	Not reachable

## **BAHAMAS/TURKS AND CAICOS ISLANDS**

- No significant effects from Hurricane Matthew
- Shelters opened in southern islands

### **Government:**

- National and Health EOC has been activated
- Evacuation flights to the 2 most vulnerable islands were initiated on October 03 with additional evacuation flights planned
- Response teams have been readied and will be ready to deploy when the “all-clear” has been given

### *Health Facilities*

- Health facilities have been equipped with medical and fuel supplies, generators have been checked and satellite phones have been tested and distributed to the 10 identified locations
- Doctor’s Hospital (main private hospital), shut down operations to all but in-patient and emergency cases

### **PAHO/WHO:**

- PAHO Public Health Emergencies (PHE) has prepositioned 3 experts (WASH/DANA/HEALTH COORD) in PAHO-BHS to assist with post-disaster assessment and response and supporting MoH with technical expertise in their EOC operations
- PAHO-BHS declared an emergency situation for the Bahamas and Turks and Caicos Island
- Business continuity plan for EOC operations has been activated and operations have been transferred to a satellite (secure site) location as of 05 October.
- The development of a pre-assessment model to project/predict post-hurricane need of resources has been initiated
- 3 experts have been identified to support Turk and Caicos for post-hurricane rapid assessment

## **CUBA**

- 900,000 people evacuated
- The needs of the vulnerable population (pregnant women, children, and elderly) have been addressed
- Hospitals have made more beds available for priority patients
- 30 emergency medical teams have been deployed to areas of potential risk
- A coordination mechanism has been established in order to assess the response and needs

### **Government:**

#### *Preventive Measures*

- Epidemiological and assistance facilities are ready in the possible affected areas to support hurricane operations
- Physicians have been instructed to stay in their communities and to provide emergency attention to the population
- MoH, under the leadership of Civil Defense, has established control center at a provincial and national level.
- Essential medicines, chloride for drinkable water, and other supplies has been prepositioned in potentially affected areas

### **PAHO/WHO:**

- 1 expert (HEALTH COORD) deployed

## JAMAICA

- 112 shelters open with 1378 occupants
- No deaths, injuries, or landslides reported
- Flooding reported in some Kingston, St. Andrew and St. Catherine communities
- Normal services have resumed in all hospitals, except Kingston Public Hospital, which has not yet resumed out-patient clinics
- Majority of primary health care facilities resumed operations with full staff
- Health emergency transportation, laboratory and blood transfusion services all remain operational

### Government:

- The MoH's NEOC and all Parish Health EOCs have been activated on a 24 hour basis.
- MoH has aired several public service messages related to water quality, access to medications, preparedness for pregnant women etc.
- The MoH has put systems in place to monitor public health before, during and after the hurricane. This includes water quality, sanitation, food safety and disease surveillance

### PAHO/WHO:

- 3 experts deployed (LOG/WASH/ DANA)
- PAHO-JAM has activated its Preparedness and Response Plan for Emergencies and Disasters as well as its Business Continuity Plan. The Situation Room has been established with designated staff and the office building and equipment have been secured.
- Situation room remains operational
- Ongoing support provided to MoH NEOC and provision of technical corporation and guidance regarding the management of public health, post-event
- PAHO-JAM continues its leadership role in the Health Cluster and collaboration with UN agencies and local Disaster Management authorities

## DOMINICAN REPUBLIC

- 2 persons dead in Santo Domingo capital
- Over 14,600 people evacuated; over 400 houses damaged

### Government:

- The EOC has established red alert for provinces bordering Haiti (31 provinces on alert). Possible flooding, overflowing of rivers, and landslides are expected
- 366 official shelters activated
- Defense Ministry: deployed units to provinces under alert; army has prepositioned search and rescue boats in Barahona, Azua and Pedernales; Air Force has positioned search and rescue teams in the Air Command North.
- Police and Military commission (MOPC) are keeping the roads safe and with daily and nocturnal patrols to avoid traffic jams and prevent road accidents
- Press conference to keep the population informed
- Red Cross has activated specialized teams in water and sanitation, psychosocial support, reestablishment of family contact, emergency health and epidemic control
- Ministry of Public Health is in permanent session, activated situation room and ordered activation of hospital emergency plans
- Restriction on maritime activities in place

## COLOMBIA

### Government:

- 73,000 people affected, especially in the municipalities of Aracataca, Fundación, and Zona Bananera, and Algarrobo
- The National Unit for Disaster and Risk Management authorized the first delivery of emergency humanitarian assistance for affected families in the Magdalena department
- Damage assessment and needs analysis continue in the rest of the departments
- All affected departments: La Guajira, Magdalena, Cesar, Bolivar, and Atlántico
- Alerts remain for the risk of floods and landslides in some areas

## OTHER ISLAND STATES

- Barbados, Dominica, Saint Vincent and the Grenadines and Saint Lucia have deactivated their NEOCs, however damage assessments continue with the impacted sectors

## NEEDS

- Bahamas: Department of Environment Health Bahamas has identified the need for 600 pounds of Larvicide and 40,000 Aquatabs for dissemination post-hurricane
- Turks and Caicos has requested assistance with its post hurricane rapid damage assessment
- Jamaica: MoH requested support for the provision of anti-malarial medication

## PARTNER COORDINATION

### IFRC

- 1 expert has been deployed to the Bahamas; activated contingency plan and pre-positioned staff in Haiti and Jamaica
- IFRC regional and global response teams have been placed on alert and a plan of action is being drafted

### OCHA

- Deployed UNDAC members to Haiti and Jamaica

### WFP

- Activated measures for preparedness

### USAID/OFDA

- Strengthened representation in Bahamas and Jamaica and has a team in Haiti

### ECHO

- Actively monitoring system and ready for deployment

### Caribbean Water and Wastewater Association (CWWA)

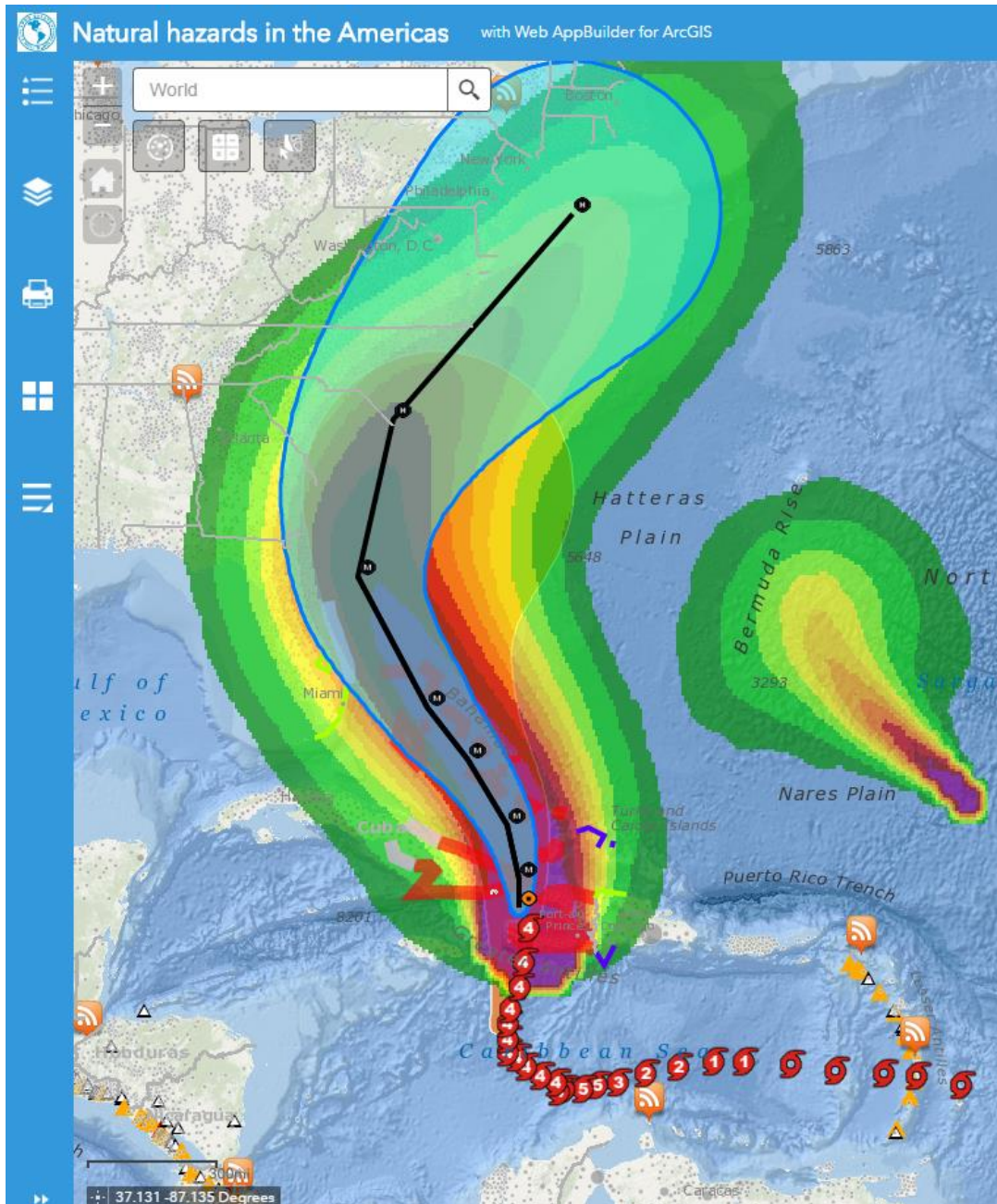
- Offering support to National Water Commission of Jamaica

### Global Affairs Canada

- Pre-deployed personnel in Kingston, Jamaica and Haiti

### DFID

- Pre-deployed 2 persons to Jamaica and 4 to Haiti



Sources: *CDEMA; OCHA; PAHO-HTI; PAHO-CUB; PAHO-BHS; PAHO-JAM; NOAA-NHC*

FOR MORE INFORMATION PLEASE CONTACT: [eoc@paho.org](mailto:eoc@paho.org)

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