

HURRICANE MARIA

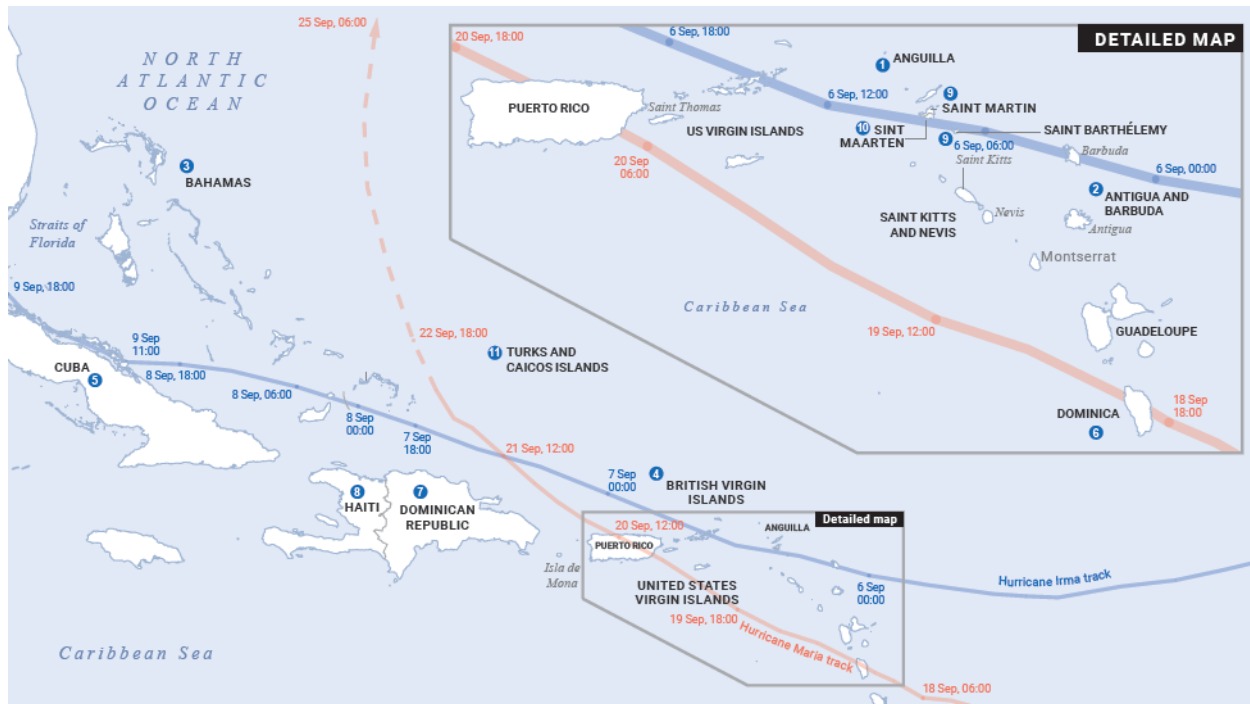
SITUATION REPORT #7

OCTOBER 1-2, 2017














SYNOPSIS OF HURRICANE MARIA

Maria, the 13th named storm of the 2017 Atlantic Hurricane Season, became a category 5 hurricane near the Leeward Islands on Monday September 18th, 2017. Hurricane Maria impacted Dominica at approximately 9:35pm on September 18th as an extremely strong hurricane with wind speeds of 155 mph. Maria then impacted Antigua and Barbuda, Montserrat and St. Kitts and Nevis on September 19th, 2017 and the Virgin Islands September 19 – 20, 2017.

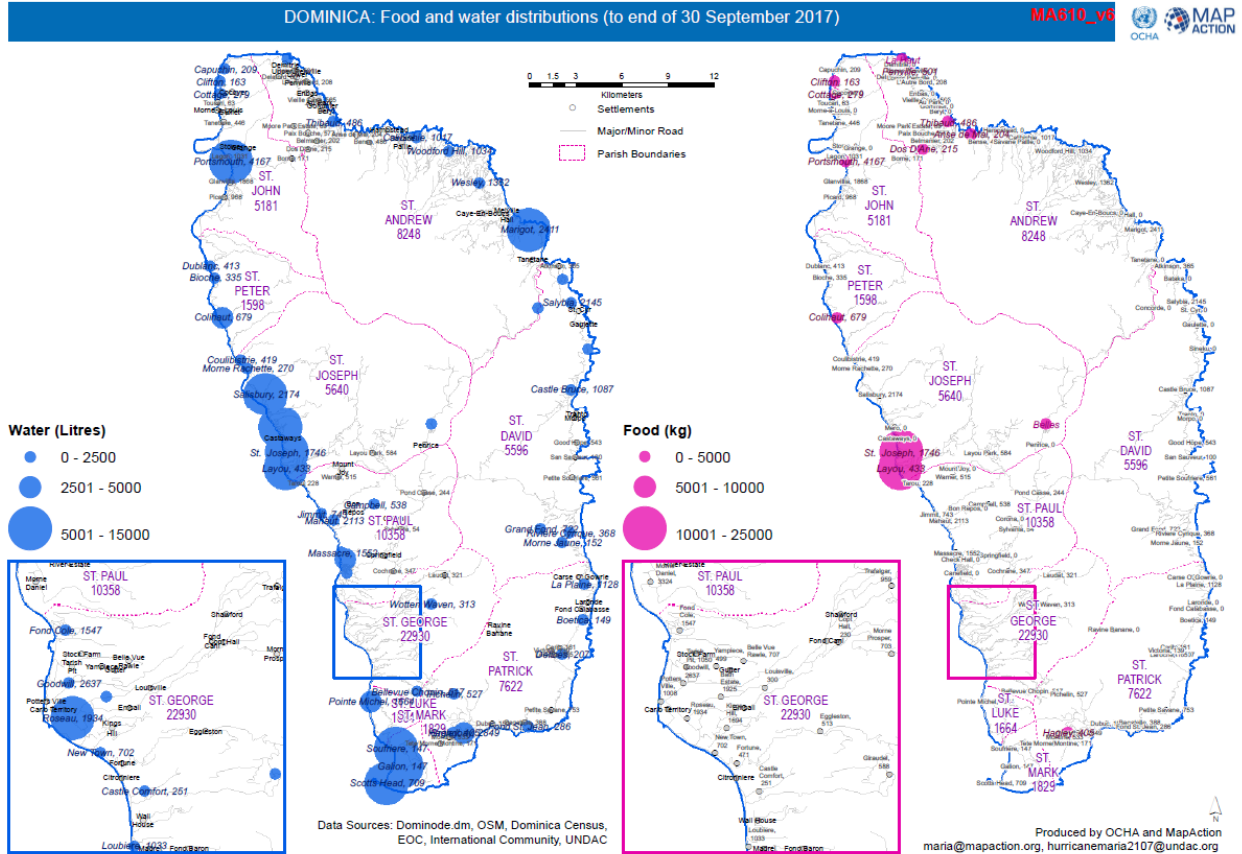
MAP OF IRMA AND MARIA OVER CARIBBEAN SEA



Source: UN OCHA, September 2017

 <h2 style="margin: 0;">DOMINICA</h2> <p style="margin: 0;">(Updates as at October 02, 2017)</p>	
<p> 26 fatalities</p> <p> 31 persons missing</p> <p> A total of 2,832 persons in shelters</p> <p> 88 shelters still opened</p> <p> Electrical generation infrastructure is 55% intact. 9.5MW of generation available</p> <p> Water supply restored to 9 220 customers and expected to be restored in Roseau by Oct 7th</p> <p> Significant damage to bridges</p> <p> Airports re-opened</p>	<div style="background-color: #ADD8E6; padding: 10px;"> <p>Dominica</p>  </div> <p> Most roads are cleared of debris</p> <p> The hospital is under restoration</p>
<p> Damage Assessments are on-going to finalize critical needs</p>	
<p>The Government of Dominica has established a hotline at the Emergency Operation Centre (EOC) to register their queries, concerns and seek clarification on all matters in regards to Post Hurricane Maria efforts. Hotline Telephone Numbers: 1-767-277-8667; 1-767-285-0989; 1-767-614-3000</p>	
<p>Persons can also contact the EOC at the following email address: domeocmaria@gmail.com</p>	

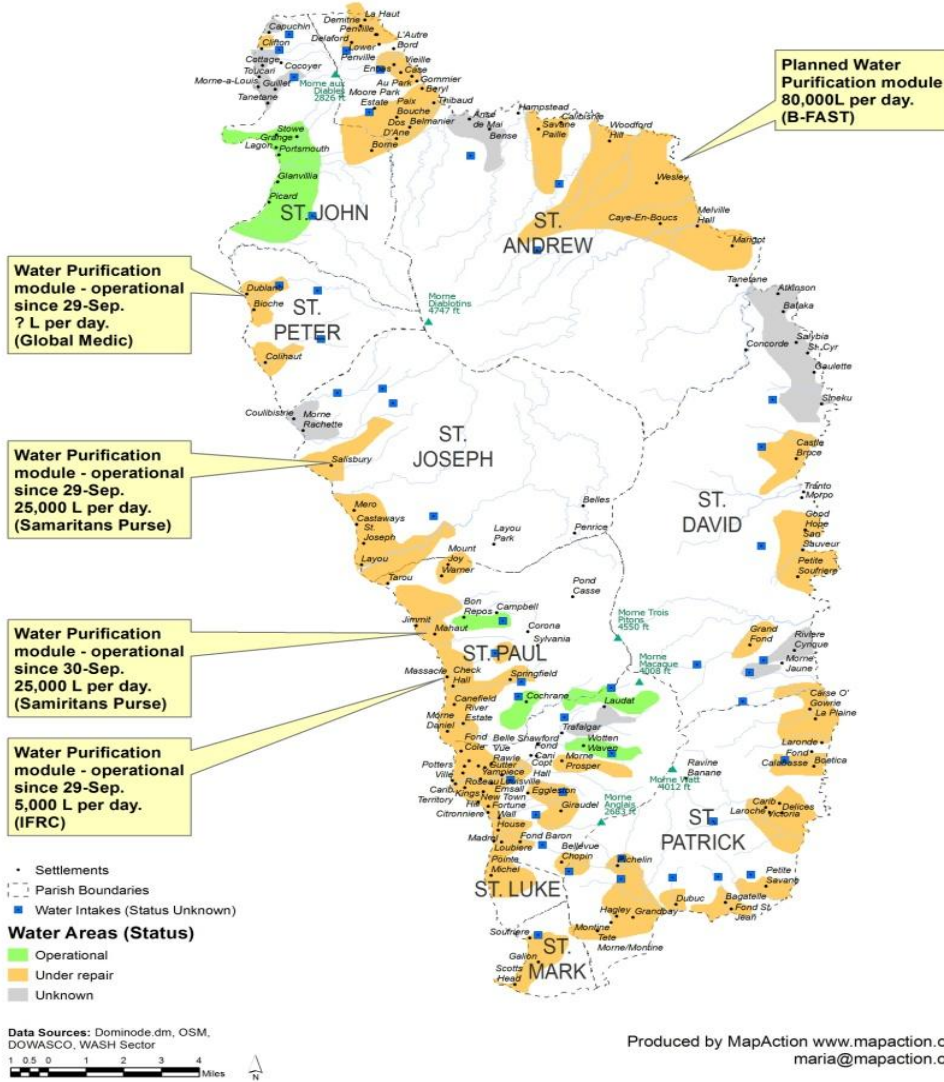
Food and Water Distributions (to end of 30 September 2017) by MapAction and UNOCHA



Water Status (30 September 2017) by MapAction and UNOCHA


Dominica: Water Status (30 Sep 2017)

MA615 v4 




CDEMA Coordinating Unit

CDEMA'S RAPID NEEDS ASSESSMENT TEAM (RNAT) REPORT - DOMINICA






This assessment was conducted over a three-day period. It began on September 21st, 2017 and was concluded on September 24th, 2017.



COLLABORATION




Various agencies participated in the assessment. A multi-skilled thirteen (13) member team carried out the exercise.

ACTIVITIES








The assessment entailed aerial reconnaissance, on the ground observations, brief discussions with the residents, and interviews with national officials.

It gave an overview of the damage suffered and the needs and assistance required. Sixteen sectors were identified.

Shelters and health centres were visited and recommendations were made as they faced the issues of no power, no water or proper sanitation, and overcrowding.

- RNAT completed their assessments and shared a consolidated report with the Government of the Commonwealth of Dominica. This is under review.
- In collaboration with regional and International partners, deployed over 360 response personnel to provide support in the areas of search and rescue, damage assessment and needs analysis, emergency response.
- Technical personnel conducting an assessment of the damage to homes. Over the course of the week they will have assessed 1,000 homes over several miles. Simultaneously, a group of CDRU members is undertaking Consolidation of relief supplies into family packages. These are being distributed to communities via the village councils
- Continue to convene meetings of the RRM partners to provide and receive updates on the relief efforts to the impacted countries
- Continue to coordinate response with partners to coordinate relief distribution, water, debris clearing, WASH, shelter and shelteree concerns
- CDEMA launched an online donation facility (September 15, 2017). Persons can make online donations (using credit cards) to the Hurricane Irma Relief campaign (visit www.cdema.org). Instructions are also available for those seeking to make donations via wire transfer

CARICOM Development Fund
<ul style="list-style-type: none"> • A grant of US\$35,000 for general cleanup activities following Hurricane Maria

CARPHA
<ul style="list-style-type: none"> • Assisting in setting up a water purification system in Dominica • Making an assessment of renal capacity and blood bank in Dominica

DOMLEC
<ul style="list-style-type: none"> • Reported that electricity has been restored to the following: <ul style="list-style-type: none"> - The government headquarters, - Police headquarters, - St Margaret's hospital, - Portsmouth health centre, and - The Central Credit Union • Identified the following priority areas during the week of October 1, 2017; National Stadium, National Bank private banks have their own supplies), Digicel/Lime, Roseau health centre, commercial areas of Roseau.

Government of the Commonwealth of the Bahamas
<ul style="list-style-type: none"> • The Government of the Bahamas provided USD 60,000 in support to the Commonwealth of Dominica • Provided military forces and a Coast Guard boat to assist with relief efforts • Pledged support to the Education and Health sectors

Government of Grenada
<ul style="list-style-type: none"> • Collaborated with the Venezuelan Government to provide a cargo flight to transport relief supplies to Dominica which arrived at the Douglas Charles Airport at approximately 4:30 p.m. Friday September 29, 2017 (5300 lbs consisting of callaloo, bananas, coconut and breadfruit, 40 trays of eggs, 200 loaves of bread and 85 boxes of medical supplies). • On Sunday 1st October, private charter with Grenadian pilot carried 645 lbs of relief items to Canefield, for the Ministry of Health including reagents for the hospital, NaDMA communicated the details to PAHO. • Grenada provided a 20 foot container, which arrived on Monday 2nd October via Tropical shipping with 350 cases water, 20 boxes food, 20 barrels food, 1 pallet food, 6 barrels clothes, 1 bed and mattress, 13 boxes linen, a few consignments for agencies there. • NaDMA is currently filling a 20 foot container to depart on 7th October and is holding discussions with LIAT Grenada to support the continuous movement of goods.

LIAT
<ul style="list-style-type: none"> • Continues to provide support with the transportation of emergency relief supplies and personnel to the impacted countries

Tropical Shipping

- Continues to facilitate the transportation of relief supplies into Dominica

INTERNATIONAL INSTITUTIONS UPDATES

DFID/UK AID

- Delivered 150 household kits via IOM

European Union

- 250 000 Euro humanitarian assistance (for logistic support and food assistance)
- 1 Humanitarian expert deployed
- EUCP Team (26/09 - 15/10): Team Leader (NO), 1 Coordination/operation expert (FR), 1 WASH expert (DE), 1 Logistics Expert (SE), 1 ERCC Liaison Officer. 1 EU CP expert on disaster waste management (RO) seconded to UNDAC
- Copernicus EMS activated and 8 maps produced
- Relief assistance EUCPM: 1 Water purification module, water purification cubes, aquatabs, buckets, Silverline water filtration system, UNICEF water bladders, medical supplies kits, hygiene kits, blankets, tents, kitchen sets, boxes of rations, ropes rolls, tarpaulins, gloves, chain saws, picks, shelter kits, lumber, solar lights and 2 vessels for strategic sea transportation.

Global Affairs Canada (GAC)

- HMCS St. John's (STJ) completed a night transit to the eastern portion of Dominica in order to disembark the remaining food, water and aid supplies that the ship embarked from NGOs in the port of Roseau on Friday, September 29, 2017
- On Saturday, September 30, Blackhorse conducted 20 lifts to Marigot, transporting the palletized water and food for distribution by local government officials

IFRC

- On September 29th, a Community Disaster Response Team (CDRT) in Layou, trained by the Dominica Red Cross, submitted an assessment detailing the hurricane's effect on 171 homes and 5 community/public buildings
- Charter aircraft with family kits from IFRC's Panama warehouse arrived Charles-Douglas airport on 29 September
- A Health/ WASH assessment in the North conducted on 30 September
- Distribution in Roseau of 650 tarpaulins to 379 families on 30 September
- An IFRC Restoring Family Links (RFL) delegate is in-country to support RFL services
- An additional Cash Transfer Program (CTP) feasibility monitoring in Roseau. Documented notes shared to assessment tracking matrix for the country.
- A Regional Intervention Team (RIT) arrived on 1 October to provide additional support to the relief operation

International Medical Corps (IMC)

- Completed 10 flights during the last week
- Will continue to run the aircraft until Oct 24th

Government of the Netherlands

- Distributed 15.7 tonnes of food to Grand Bay

Government of New Zealand

- Provided 10 persons to work on “portable warehouse” of WFP in port
- Provided 2 engineers to work on the WFP office site in Roseau port.
 - Electricity issues were fixed
 - Short assessment provided to LOGS coordinator on next steps
- Distributed water to Grandbay. Expect in total 13.000L by the end of the day

Government of Venezuela

- Assisted with cargo drop to Wotten Waven

USAID/OFDA

Health

- Utilizing the LSS/SUMA system for health supply management
- Coordinated with the Dominican Republic and the Dutch and UK air forces to evacuate 17 trauma patients; some patients are scheduled to return safely to Dominica next week
- Coordinating with foreign armed forces /partners to ensure distribution of food and water to health facilities
- Deployed 7 personnel to support with coordination, hospital management, emergency response, surveillance, LSS/SUMA, surveillance, and logistics
- Continuing health facilities assessment and distribution of medicines/supplies
- 3 PAHO vehicles procured, distributing medicines /supplies & assessing health facility damage
- Supporting the re-establishment a mobile-phone-based surveillance system, with credit provided by PAHO to allow national epidemiologist to report cases on a daily basis
- Procuring or obtaining emergency medical supplies, medicines, and equipment, using LSS/SUMA
- Facilitated the donation of blood and tetanus vaccines from MOH/Barbados
- Coordinating the deployment next week of health personnel on loan from Saint Lucia (3: nurse, midwife, general practitioner) and Saint Vincent and the Grenadines (5: ICU nurse, midwives, and registered nurses). Barbados is identifying general surgeons, A&E, and internal medicine doctors.
- Leads WASH coordination group meeting with national authorities & partners
- Coordinated with partners to distribute water to health facilities and shelters
- Support in assessing damage and needed repairs, liaising with partners to meet gaps
- Deployed 1 WASH expert to support the MOH
- Dispatched water purification and testing supplies and bladders

Logistics and NFI

- Provided a forklift to increase the efficiency of offloading humanitarian assistance
- Distributed tarps from Kalinago to Marigot
- St. Andrew Parish:

- Marigot (3 distribution trips)
- Willis Strathmore Primary (Collective Center) - 10 plastic sheets
- Village Council Office - 25 blankets; 40 hygiene kits; 115 plastic sheets
- Douglas Charles Airport Distribution to Marigot and Wesley (approx. 50/50): 100 plastic sheets and 100 hygiene kits
- Wesley (2 distributions trips)
 - Village Council Office - 55 hygiene kits; 119 plastics sheets
 - Wesley Hospital - 25 plastics sheets; 25 hygiene kits
 - Pentecostal Church (Collective Center): 12 plastics sheets
 - Wesley Community Center (temporary caretaking center): 8 hygiene kits
 - Wesley area (a few families staying with hosts): 10 plastic sheets; 10 hygiene kits
- Calibishie (village council office): 100 plastic sheets, 100 hygiene kits
- Woodford Hill (village council office): 130 plastic sheets, 100 hygiene kits
- Marigot (misc. host families in Hamlit near airport): 10 plastic sheets and 10 hygiene kits
- Wesley: 30 plastic sheets
- Atkinson: 434 plastics sheeting, 100 hygiene kits
- Special Police Unit Dominica (ASP Corbette) for officers houses: 30 plastic sheets
- Kalinago Areas - Castle Bruce, Morpo, Tranto, Good Hope, Petit Soufriere, San Sauveur: 350 plastic sheets
- St. David Parish
 - Belles: 60 plastics sheets and 125 blankets (5 bales)
 - Sineku: 110 plastic sheets and 125 hygiene kits and 125 blankets (5 bales)
- St. Joseph Parish
 - Bataka: 110 plastic sheets, and 125 hygiene kits and 125 blankets (5 bales)
- St. John Parish
 - 10 plastic sheets
- Office of Disaster Management
 - 30 rolls (300 sheets) and the 20 chainsaws

UNITED NATIONS (UN) AGENCIES

PAHO	
HEALTH	
<u>General Situation</u>	
<ul style="list-style-type: none"> • 51 health facilities: 24 operational, 9 not operational, 18 status unknown • Princess Margaret Hospital (PMH): Close to 100% of doctors and 90% nurses returned to work • 407 people in shelters in Roseau (28/Sep, IOM survey) • Damage to homes (estimations): 23% (completely), 39% (highly), 28% (moderately) • All vaccines lost, need replacement • Temporary Central Medical Stores will be relocated to a school • Syndromic disease surveillance system: no outbreaks reported (1 shelter reported scabies, 1 shelter reported chickenpox cases) 	
<u>Key Health Challenges & Needs</u>	
<ul style="list-style-type: none"> • PMH oxygen plant and mortuary undergoing repair • Fuel, food, tarps, and water for health facilities & health staff • Improve MOH surveillance, limited internet access hampering surveillance reporting 	
<u>Partner Response</u>	
<ul style="list-style-type: none"> • International Medical Corporation (IMC) donated 1 IEKH and facilitates air transport for PAHO • IOM conducted shelters assessment, including health aspects • Grenada delivered critical medical supplies for the MOH 	

- 12-person team from Trinidad and Tobago to provide psychosocial support

PAHO Response

- Support provided to MOH to strengthen syndromic surveillance system
- Supported PMH to coordinate repairs and distribution of incoming supplies at PMH
- With MOH pharmacist, consolidating inventories on medicines, supplies using LLS/SUMA
- Medevac of 1 patient to Barbados (Queen Elizabeth Hospital)
- Distributed over 650 DFID-provided tarps to MOH staff
- Assessed two health centers in Portsmouth and Roseau

WASH

Situation

- Water restored to 16% of DOWASCO's 57,000 customers; possible in all Roseau by 6-7Oct
- Several water systems severely damaged, also require electricity for pumping

Key WASH Challenges & Needs

- Assessment of 16/44 (36%) water supply systems pending
- Expand distribution of water to all shelters (some rely on river water, etc.)
- Water purification and distribution in rural areas with low population density & difficult terrain

Partner Response

- UNICEF distributing oral rehydration salts (ORS) and disseminating educational material
- IOM supported DOWASCO to distribute water and repair of water trucks
- B-Fast conducted a water assessment in Marigot
- Dutch armed forces delivered medication and water to St. Patrick parish (Grand Bay)
- USAID/DART and CARPHA supporting WASH

PAHO Response

- Leads WASH coordination group meetings with national authorities & partners
- Procuring generators, water containers, and supplies for the water system
- Distributed water storage containers in Saint George and Saint Joseph parishes
- Repaired the PMH water system for its dialysis system
- Support in assessing damage and needed repairs, liaising with partners to meet gaps
- Delivered 8,000 liters of water to 4 sites (St. George, St. Paul, St. Joseph, and Roseau)

UNICEF

- UNICEF has so far distributed 20,000 litres of water and 296 family hygiene kits. Some 2,700 people now have access to clean water.
- Six UNICEF WASH-focused staff members are carrying out assessments, especially in relation to the most vulnerable children. Procurement of WASH supplies was initiated and the chosen distribution plan can be expanded across the country.
- UNICEF has facilitated access to potentially lifesaving information through a text message campaign in collaboration with Flow Telecommunications which has reached nearly 33,000 people.
- Joint efforts to distribute water, food and supplies to shelters are ongoing, including improvement of logistics coordination which still requires improvement. One pallet of oral rehydration salts has been sent to the Ministry of Health.
- To try to overcome human resources challenges, UNICEF is collaborating with additional partners such as the local Rotary club to use volunteers for distribution of safe water to communities and shelters as well as working with the Jamaica military logistic units.
- UNICEF participated in a new working group on cash transfers. Partners include: USAID, DFID, IFRC, WFP, IOM.
- The Minister of Social Services, Community Development and Gender Affairs has said that reports have come in of inappropriate advances towards children, due to no lighting in shelters. Aware of such child protection issues, UNICEF

is working with the Social Services Department to try to ensure that children and their families have access to information to keep children safe and protected during the emergency through the distribution of fliers and WhatsApps messaging.

- Other communication activities: human interest profiles on families living in shelters have been completed, along with a story on the impact disruption of education sector is having on children.

UN OCHA

- 1.1Million USD Flash appeal launched during week of September 24, 2017

World Food Programme

Food Security

- A total of 17 mt of High Energy Biscuits (HEBs) have been distributed so far in prioritised locations in Dominica. Distributions were planned on the basis of a ration calculation of 300g of HEBs per person per day, covering a period of 3 days.
- Together with Government's supplies, between 25 September to 02 October, some 49,000 kg of food and 66,000 litres of water were distributed to 33,900 people in about 50 locations across the country.
- WFP is currently exploring the procurement of an additional 375 mt of in-kind food (rice, beans, oil and canned fish) as part of its initial immediate response emergency operation (IR-EMOP) to assist approximately 20,000 people for 1 month.
- Simultaneously, WFP is preparing a 6-month Emergency Operation (EMOP) to provide additional support through markets based approaches / cash based transfers at the request of the government, as well as a contingency of additional food should the functionality of markets remain limited for an extended period.
- Following a request for support, WFP is working in concert with local authorities to coordinate food distributions in prioritised areas.
- Two new WFP staff members have joined teams on the ground, to support Government-led relief distributions and support the establishment of a cash-based transfer mechanism by conducting market assessments.

Logistics

- WFP has circulated a request for humanitarian organisations to share information on their projected and planned cargo transportation requirements (sea and/or air) to identify needs and potentially address gaps with the scale-up of transport assets in the region.
- WFP has installed one Mobile Storage Unit (MSU) at Douglas-Charles airport with capacity of 320 m2 and two additional units are prepositioned in Roseau and ready to be installed at airport and port, to provide logistics augmentation and serve humanitarian operations in the West and North-eastern parts of the country.
- A Port Authority warehouse has been cleared and it's currently storing Hurricane Maria relief supplies from a variety of humanitarian organisations and cooperation agencies.
- As of 02 October, 2017, regular Logistics Coordination meetings will be hosted at WFP's office at the seaport. Invitations are being sent via the OCHA Dominica distribution list and the schedule will be advertised on: <http://www.logcluster.org/sector/irma17>
- Information Management capacity in Barbados continues to liaise with the coordination cell at the Caribbean Disaster Emergency Management Agency (CDEMA), and humanitarian organisations, cooperating agencies and other relief stakeholders to ensure a coordinated response.

Emergency Telecoms

- In Dominica the ETC internet bandwidth was doubled due to the more than 1000 registered devices and more than 650 unique users.
- Local ISP EPIC is finalising together with ETC the fibre optics line for the network in Roseau which will enhance the user performance.
- The expansion of the ETC connectivity at Marigot, where the team is currently working to get the local hospital connected,

continues.

- As part of Services for Communities (S4C), ETC is coordinating with partners to provide free WiFi spots to the communities.
- ETC's S4C is further liaising with GSMA and Digicel in coordination with National Office of Disaster Services (NODS) to provide key messages through SMS to inform affected communities with relevant information.