

www.ifrc.org  
Saving lives,  
changing minds.

# Emergency Plan of Action

## Dominica: Tropical Storm Erika

 International Federation  
of Red Cross and Red Crescent Societies

<b>Emergency Appeal MDRDM002</b>	<b>Glide no. <a href="#">TC-2015-000119-DMA</a></b>
<b>Date of issue:</b> 10 September 2015	<b>Date of disaster:</b> 27 August 2015
<b>Operation manager (responsible for this EPoA):</b> Tamara Lovell, IFRC disaster management (DM) coordinator for the English-speaking Caribbean region. Email: <a href="mailto:tamara.lovell@ifrc.org">tamara.lovell@ifrc.org</a>	<b>Point of contact in the National Society:</b> Kathleen Pinard-Byrne, Director-General, Dominica Red Cross Society
<b>Operation start date:</b> 3 September 2015	<b>Expected timeframe:</b> 9 months (June 2016)
<b>Overall operation budget:</b> 979,749 Swiss francs	
<b>Number of people affected:</b> 28,000 people	<b>Number of people to be assisted:</b> 3,000 families (12,000 people).
<b>Host National Society:</b> Dominica Red Cross Society, with 576 volunteers, 4 staff in 13 branches.	
<b>Red Cross Red Crescent Movement partners actively involved in the operation:</b> The Antigua and Barbuda Red Cross, Barbados Red Cross Society, the Martinique overseas branch of the French Red Cross, the Regional Intervention Platform for the Americas and the Caribbean (PIRAC) of the French Red Cross, Saint Lucia Red Cross, Saint Kitts and Nevis Red Cross and the IFRC.	
<b>Other partner organizations actively involved in the operation:</b> The Caribbean Disaster Emergency Management Agency (CDEMA), the Pan American Health Organization (PAHO), the French Civil Defence, the Regional Council of Martinique and the Regional Council of Guadeloupe.	
<b>Government Agencies:</b> Dominica Office of Disaster Management.	

*This Emergency Appeal seeks **979,749 Swiss francs** in cash, kind, or services to support the Dominica Red Cross Society (DRCS) to assist 3,000 affected families (12,000 people) affected by Tropical Storm Erika over a timeframe of nine months. The operation will focus on relief distributions, emergency health including psychosocial support (PSS), water, sanitation and hygiene promotion, restoring family links (RFL), shelter, National Society institutional preparedness and capacity building.*

*Families have lost their homes as houses incurred severe damage due to flooding and landslides resulting in the loss of lives, personal belongings and total destruction of subsistence crops (including banana, plantain, dasheen). 169,560 Swiss francs were allocated from the IFRC' Disaster Relief Emergency Fund (DREF) on 3 September 2015 to support this*

*operation. Unearmarked funds to replenish the DREF are encouraged. In order to support the National Society's operational efforts IFRC will closely support the Dominica Red Cross Society and monitor the implementation of this Emergency Appeal.*



**Volunteers from the Dominica Red Cross Society distributed of food parcels to affected families in Checkhall. Source: DRCS**

*operation. Unearmarked funds to replenish the DREF are encouraged. In order to support the National Society's operational efforts IFRC will closely support the Dominica Red Cross Society and monitor the implementation of this Emergency Appeal.*

## A. Situation analysis



**Assessments in the community of Good Hope and Delice. Source: IFRC**

### Description of the disaster

The island of Dominica sustained significant damage due to the passage of Tropical Storm Erika on Thursday, 28 August. A band of torrential rain caused by the system resulted in the 6 to 8 inches of rainfall in less than twelve hours and triggered massive flooding and several landslides. Regional media reports indicate that Regional governments and the Caribbean Disaster Emergency Management Agency (CDEMA) are stepping in to help Dominica after recording loss of lives. According to CDEMA latest report<sup>1</sup>, as of 3 September there are approximately 1,070 customers without electricity. 40 per cent of the island does not have water. Telecommunication services have been restored to 98 per cent of the people. Three hospitals and 43 health centres remain operational. The main airport remains closed as it suffered damages. The Canefield airport is operational for helicopter and small aircraft use. All seaports remain functional and open. Damage and needs assessments are ongoing by the authorities, nevertheless preliminary data from 2 September, shows 271 houses were damaged or destroyed of which 217 are in Petit Savanne and 54 in the rest of the island.

Preliminary assessments following Tropical Storm Erika have revealed that Dominica suffered over half a billion dollars in damage to its infrastructure. As of 3 September, the National Emergency Operations Centre (NEOC) has confirmed 12 people dead, 22 missing and 20 injured. There are approximately 574 people homeless, and 713 people were evacuated from Petit Savanne. There were eight emergency shelters opened with approximately 411 sheltered people.

In the educational sector, the Ministry of Education in Dominica has indicated that of the 75 schools (primary and secondary), 22 are either unreachable or damaged, and one extensively damaged. A number of childhood centres were also damaged, but the number is yet to be confirmed. The opening of schools was postponed from 7 September to 21 September.

In the agricultural sector, livestock, crops and the fishing industry were severely affected. Exact numbers are still being assessed.

The Government of Dominica declared nine special disaster areas. These are Petite Savanne, Pichelin, Good Hope, Bath Estate (Paradise Valley), Dubique, Campbell, Coulibistrie, San Sauveur and Petite Soufriere.

On 3 and 4 September, the Dominica Red Cross Society volunteers along with the IFRC and French Red Cross delegates conducted assessments in several of the communities declared in disaster areas. The findings were as follows:

**Table no.1**

No.	Communities	# of Families	Total	Male	Female	Houses			
						Destroyed	Major damage	Minor Damage	Affected
1	Bath Estate	612	1925	854	1,071	16	18	5	4
2	Canefield/River Estate	1182	3,324	1594	1730	Detailed assessments pending.			
3	Campbell	218	538	293	245	1	1	1	3
4	Carib Territory	68	501	277	224	Detailed assessments pending.			
5	Checkhall & RED	1182	3,325	1,594	1730	0	20	8	10

<sup>1</sup> CDEMA situation report n° 10, September 6.

6	Colihaut	304	679	361	318	3	10	94	7
7	Coulibistrie	163	419	213	206	3	5	28	16
8	Delices	225	595	327	268	1	2	3	3
9	Good Hope	207	543	301	242	1	0	1	2
10	Layout	241	584	360	224	Assessments pending to be completed		1	14
11	Mahaut/Massacre	1339	3,665	1,836	1,829	7	20	3	6
12	Marigot	855	2,411	1,277	1134	0	0	1	2
13	Mero/Macoucherie	100	337	180	157	Assessments pending to be completed		15	
14	Pichelin/Bagatelle	178	527	267	260	0	3	2	5
15	Petite Soufriere	155	561	253	308	1	0	0	0
16	Roseau South (Newtown, Loubiere)	242	702	389	313	5	2	12	9
17	San Sauveur	40	100	56	44	0	0	2	0
18	Soufriere & Scottshead	364	973	479	494	1	3	3	6
	<b>TOTAL</b>	<b>7,675</b>	<b>21,708</b>	<b>10,911</b>	<b>10,797</b>	<b>39</b>	<b>84</b>	<b>161</b>	<b>102</b>

On 5 September the French Red Cross, DAWASCO and the National Society conducted assessments to find a location to install water provision equipment.

### Summary of the current response

The Dominica Red Cross has distributed the following items from pre-positioned stock which will be replenished through this Emergency Appeal:

- 1,800 - Jerry Cans
- 150 - Hygiene Kits
- 100 - Kitchen Sets
- 50 - Cleaning Kits

The National Society has in stock 200 hygiene kits, 300 jerry cans and 500 kitchen sets which will be distributing in the coming days; these will be also replenished. In addition, the DRCS has been conducting preliminary assessments, distributions and CBHFA in the communities.

Additionally, the Dominica Red Cross Society is distributing vast amounts of relief items donated by neighbouring countries including bottled water and food items.



**Dominica RSC volunteers dispatching donated water bottles to the affected people. Source: Dominica RCS**

The ODM with support from CDEMA deployed a Damage and Needs Assessment (DANA) team to Coulibistrie and Bath Estate to conduct initial evaluations. ODM dispatched relief supplies to Bath Estate, Colihaut, Petite Savanne and Coulibistrie. The Port and Customs Department was forced to recall officers on leave and off duty. Other areas in need of relief items are Grand Bay, Delices, Boetica, and La Plaine. The Government reported that search and rescue was conducted in the affected areas. Injured persons have been airlifted to the main hospital and support is needed to secure transportation via sea for coastal communities. The government has not shared official assessment reports by which this plan of action is based on the assessments conducted by the National Society and IFRC team.

The Prime Minister of Dominica authorized the activation of the National Emergency Operations Centre (NEOC) on 27 August. Various ministries and the Dominica Red Cross Society have been present in all meetings sharing information and coordinating actions. The NEOC has further subcommittees in water and sanitation, health, education, shelter, communications, logistics and safety.

**Overview of Host National Society:** The Dominica Red Cross Society has 13 branches with a total of 576 volunteers, 4 staff. 16 Community Disaster Response Team (CDRT) members in the island are active in the response operation. There are 89 volunteers supporting assessments and initial distributions. The main activities of the National Society are first aid

training services, radio communication, welfare services, disaster preparedness and response, tracing services, medical equipment services, HIV and AIDS education and mass casualty response.

The National Society has started its response by distributing food parcels and water that were donated by the community, as well as supporting the distribution of medical supplies as requested by the Ministry of Health. The DRCS has met with the Office of Disaster Management and other stakeholders on 2 September in order to coordinate and agree on the targeted areas.

**Movement Coordination:** The IFRC Pan American Disaster Response Unit (PADRU) through the DM coordinator for the English-speaking Caribbean region were in contact with the National Society prior to Tropical Storm Erika's arrival. Within 72 hours after the storm hit Dominica, the IFRC DM regional coordinator and the Emergency Shelter officer were deployed to Dominica on 28 August along with the Regional Intervention Platform for the Americas and the Caribbean (PIRAC) delegate of the French Red Cross. An IFRC operational information, monitoring and reporting senior officer was deployed on 3 September and arrived in Dominica on 5 September. PADRU is in constant contact with the deployed team and the National Society.



**French Red Cross' water and sanitation unit arriving in Dominica and briefing the volunteers. Source: Dominica RCS**

Coordination meetings have been held in Panama to inform the unit areas of the emergency including donor and partners. The IFRC team in Dominica has sustained meetings with PAHO staff and with USAID for possible support to the operation. The IFRC Americas Regional Office through the Global Logistics Services (GLS) has activated the agreement with Airbus Helicopter foundation to support humanitarian response operations. The PADRU coordinator in Panama has met with the ICRC to share information and coordinate possible actions within this Appeal.

Additionally, Saint Lucia Red Cross dispatched 200 hygiene kits and 200 kitchen sets to the Dominica Red Cross Society. These items will be replenished through this Appeal. The Martinique overseas branch of the French Red Cross also dispatched donated relief items to Dominica.

**Overview of non-RCRC actors in country:** According to CDEMA, the Office of Disaster Management is coordinating the NEOC where various government agencies have deployed representatives while others are conducting sector specific assessments in the affected areas. CDEMA has been conducting meetings to inform on the situation and to coordinate actions. PADRU has been part of these meetings informing on the IFRC team in-country and their actions with the National Society.

In addition, the telecommunications company Digicel has provided the National Society with cellular phones and with vehicles and boats for initial distributions.

### **Needs analysis, beneficiary selection, risk assessment and scenario planning**

Initial damage and sector assessments and relief distribution activities are being conducted by various ministries to further examine the level of impact. With a high probability of more rainfall, it is important for detailed assessments to be conducted as a way of building community resilience as well as informing the National Society contingency planning processes. Multi-sector assessments were conducted on 3 and 4 September in 18 communities by the Dominica Red Cross operation manager, 70 volunteers, the French Red Cross delegate and the IFRC emergency shelter officer.

There is a cause of serious concern that additional storms or hurricanes will not only hamper relief efforts, but also increase the level and urgency of needs. As the peak of the hurricane season approaches, there is the threat of further systems exacerbating the vulnerabilities of the population. There is a high risk that evacuation centres already established in affected areas will be damaged or destroyed. This situation highlights the humanitarian needs across the island, increasing the challenges for relief and recovery operations.

The overall challenges and needs identified in the assessments conducted by the National Society and IFRC team are:

- a. There are significant logistics, transportation challenges due to the isolation of numerous communities island-wide. The main airport remains closed hampering the dispatch of relief items from other countries.
- b. 40 per cent of the island does not have water.
- c. Houses suffered damage due to flooding and landslides
- d. Some communities in the South West of the island have been evacuated since they are located in high risk areas in case of for further rains in the coming period.
- e. Many families have lost both personal and household effects
- f. Distribution of cleaning supplies to residents of affected communities has to be prioritized
- g. Supply of safe water, perishable (food) and non-perishables items to established evacuation centres and cut off communities is a priority.
- h. Further detailed sector damage assessments are required.

**Health situation:** According to CDEMA situation report no.9, there are 3 hospitals operational and 43 health centres are operational. There are 3 health centres not operational. Provision of mental health counselling to primary and secondary survivors needs to be prioritized. Low availability of food and limited water supply is creating anxiety and security issues. Dialysis patients, diabetics (especially those without medication), discharged patients without access to their home and/or water and pregnant near-term females have been identified as high-risk patients. PAHO has been providing medical support and medicines.

The Dominica Red Cross Society has advised that there is the need to provide psychosocial support, including critical incident stress management for in affected communities. Responders, some of whom are directly affected by the tropical storm, may also need stress debriefing and other support in the coming weeks. Psychological support is currently being delivered through a local community organization as well as PAHO psychologists. However, there are not enough trained personnel to support the communities' needs in this sector. Therefore, psychosocial support will be provided by the National Society including as well hygiene promotion and community based health and first aid (CBHFA).

Hygiene promotion, community-based health and first aid (CBHFA) - With many areas cut off, lack of potable water and the likelihood of more rains going forward; there is the need for some public awareness on the importance of correct water treatment, good health and hygiene practices to avoid water and vector-borne diseases. Disease prevention and health promotion activities at evacuation centres and at community level need to be undertaken immediately in order to protect the health of affected community members. There is also the need to promote safe water and food handling, and to provide hygiene items to reinforce practice. The Dominica Red Cross Society has suitable awareness materials and will need support for adaptation, printing and dissemination. There are 12 CBHFA trained volunteers in the National Society and are conducting part of the 7 modules of CBHFA including basic first-aid, preventing and responding to epidemics, malaria and dengue prevention, among others.

**Water situation:** The Dominica Water and Sewerage Company Limited (**DOWASCO**) has reported that 100 per cent of national water systems were affected. To date, 60 per cent of the water systems have been restored as of 3 September. Approximately 70 per cent of the population is receiving potable water and water is being delivered to some areas. DOWASCO reports there is a need for additional water purification tablets and water purification units. Detailed assessments are needed in this sector as there are no official numbers of all the affected water systems.



**Red Cross volunteers supported further assessments in Campbell.**  
Source: DRCS

**Shelter Situation:** During the multi-sector assessments, the IFRC emergency shelter officer reported there are several houses at risk since they are located in areas at risk of landslides. Families that sustained damages need support in cleaning their homes. As of 6 September 2015, according to CDEMA situation report no.10, preliminary damage assessments indicated: 271 houses are damaged or destroyed of which 217 are in Petite Savanne and 54 in the rest of the country.

**Food Security, Nutrition and Livelihoods:** Soil is currently saturated and this may cause

further flooding in the event that rains continue in Dominica. In some areas, there has been a total loss of access to farms and farm lands

due to washing away of bridge, main and secondary roads. Crops, livestock and fertile top soil have also been destroyed. Food insecurity is expected to increase over the next 6 months for families who have lost all their subsistence crops and who are without insurance or income to provide them with a safety net following the disaster.

Specific needs identified by the Dominica Red Cross Society to enhance the relief efforts are:

- **Health** – There is the need to provide psychosocial support, including critical incident stress management for adults in affected communities. Additionally, CBHFA is needed in the selected communities.
  - **Water** - There will be a need to ensure that affected people have access to safe water, pending restoration of supply. Dominica Water and Sewerage Company (DOWASCO) reports indicate that some communities will be without potable water for up to at least one month. In the medium term, rehabilitation of water systems will need to be undertaken. The needs will be detailed after further assessments are completed and based on the findings of DOWASCO. To implement the water component of the Appeal will be highly challenging due to the cut-off roads and minimum transportation capacity by land and water. Since the current situation is highly complex, high operational costs are to be expected.
  - **Sanitation** - Clearing of rubble needs to be done in a manner that will not lead to accumulation of debris, which combined with stagnant water because of potential rains during the season, may pose public health risks. Clearing of rubble may be done on cash-for-work basis, which would provide participating community members with a means to earn modest income during the days they play a part in the clearing or recycling works. Such work will need to take into account the capacity of dump sites to absorb the nature and volume of debris.
- Non-food items, relief and cash transfer programme** – Essential relief items will be provided in the most affected communities. A Cash transfer programme (CTP) using the VISA debit cards will be considered to complement relief item distribution after a proper market analysis is conducted.

#### **Risk Assessment:**

- Damaged roads, lack of vehicles and boats to rent as well as high transport costs will cause difficulty in accessing cut-off communities.
- Due to the lack of potable water, families are reliant on water sources that are potentially contaminated hence children are currently exhibiting diarrheal symptoms. The Dominica Red Cross Society will work closely with the Ministry of Health and the Environmental Coordinating Unit to implement activities geared towards public education on appropriate water, health and hygiene methods including the prevention of mosquito and other vector-borne diseases.
- The hurricane season is on-going, and heavy precipitations are forecasted for September and October; therefore placing additional risk to the affected population.
- Possible security issues during distribution of relief items to be considered as a risk factor.

## **B. Operational strategy and plan**

**Objective: To respond to the immediate needs of 12,000 people affected by Tropical Storm Erika.** The Plan of Action will focus in providing assistance in the following communities: Bath Estate, Canefield/River Estate, Campbell, Carib Territory, Checkhall & RED, Colihaut, Coulibistrie, Delices, Good Hope, Layou, Mahaut/Massacre, Marigot, Mero/Macoucherie, Pichelin/Bagatelle, Petite Soufriere, Roseau, South (Newtown, Loubiere), San Sauveur, and Soufriere & Scottshead.

#### **Community selection criteria:**

1. Low-lying communities with restricted road access
2. Communities at high risk of landslides/rockfall as a result of topography
3. Communities with minimal access to adequate food, water and sanitation

#### **Family selection criteria:**

1. Displaced persons
2. Families with damage to their dwellings
3. Persons with minimal access to food, potable water, and adequate sanitation
4. Single mothers with children
5. Elderly
6. Families with children under 5 years of age
7. Families who do not have a source of income due to loss of livelihoods (e.g. fishing and agriculture)
8. Persons with disabilities

## Operational support services

**Human resources:** The Director-General of the Dominica Red Cross Society will have overall oversight for the emergency operation. At local level, the operation will hire a local operations coordinator, a field coordinator, and an administrative/finance officer to strengthen coordination in the areas of intervention. Below is a summary of the primary responsibilities:

- Director-General – overall oversight of implementation of emergency operations including public relations, timely submission and approval of financial and operation updates.
- Operations Coordinator – responsible for coordination of the emergency operation including knowledge management, communications including high visibility of activities, as well as planning, monitoring, evaluation and reporting in a timely manner.
- Logistics Officer – responsible for procurement, inventory management, distribution and transportation
- Field Support Officer – responsible for coordination and implementation of activities at the community level
- Administrative/Finance Officer – responsible for administrative and financial support to the emergency operation

At least 80 volunteers from the National Society headquarters and the branches will be included in the coordination with the core operations team, and insurance for volunteers will be provided. In order to support the National Society's operational efforts IFRC will closely support the Dominica Red Cross Society and monitor the implementation of this Emergency Appeal. The IFRC Regional Disaster Management delegate based in Barbados will be responsible for coordination initial with DRCS and for mobilization of human, logistical and financial resources.

For support in the in-country coordination and logistics, the IFRC will request an Operation Coordinator delegate with programmatic and finance background who will be responsible for providing technical field support for the implementation of activities during the entire timeframe of the operation. Three Regional Intervention Team (RIT) members with specializations in water and sanitation (1 month), logistics (1 month) and Finance (2 months), and a Cash Transfer Programme delegate from American Red Cross (seconded) will be deployed to support the emergency operation. Additionally, IFRC officers specialized in PMER and Shelter were deployed to support initial operational activities and technical emergency trainings to DRCS' volunteers. Additional IFRC logistics officer and other technical staff may be deployed to provide the necessary support to the National Society.

The monitoring of the operation will be carried out through the IFRC operations coordinator and the DRCS emergency operations team. The Director-General and the IFRC Operations Coordinator will be responsible for quality financial and narrative operations updates and final report.

The operation will seek to strengthen the existing DRCS capacities –and build new ones-- at the headquarters and branch level (in affected areas) through the training of DRCS volunteers in several programmatic areas as explained in Section C – detailed operational plan, to build future their response skill in the face of future emergencies. Also, a mentioned before, the IFRC will closely accompany the Dominica Red Cross Society in its response efforts with a National Society development and capacity-building perspective.

**Additional human resource available in the region:** A total of 298 Community Disaster Response Team (CDRT) members and 576 volunteers represent the number of persons that could be available to participate. For technical aspects of the operation, the Dominica Red Cross Society has experience in working in CBHFA, use of GIS, CTP and Logistics. In addition to the disaster response capacities in the IFRC Americas regional office, there are experienced resources available in the region, in particular through the Regional Intervention Team (RIT) system which ensures the deployment of specialized personnel to assist a sister National Society. Additionally, the IFRC health in emergency offices will be deployed if required to support specific PSS activities. A consultancy will also be undertaken to conduct a final evaluation of the operation and a financial audit will be contracted. The IFRC finance team will conduct visits to assess in real time the compliance of financial procedures and verify internal controls are in place.

**Logistics and supply chain:** As the supply chain has been significantly impacted and National Society has limited procurement capacity, the operation will entail the procurement of items regionally or internationally through Global Logistics Service - Americas. As mentioned before, a trained Logistics RIT will be deployed to enhance existing capacity with logistics resources to support the scale of this operation. Additional support in the areas of procurement, inventory and warehouse management is required. An outline of the considerations made on logistics and the supply chain is shown below:

- *Procurement plans* – Items will be sourced and procured in line with IFRC standards, and MoU will be signed with the DRCS on this. The majority of relief items will need to be sourced regionally or internationally through GLS America for better quality and prices. An IFRC staff will be systematically present for opening ceremony and selection committee on any procurement.

- *Warehouse and storage plans* - The Windsor Park National Stadium has offered storage facilities to the Dominica Red Cross Society for an indefinite period to support the operation. Security services will need to be provided for the off-site warehouse facilities. The Dominica Air and Sea Port (DASPA) will also provide storage facilities for items shipped to Dominica that cannot be stored at the DRCS' headquarters. The National Society is receiving many donated items from neighbouring islands and is having difficulty in finding storage space. The IFRC GLS in Panama is supporting the National Society to find additional warehousing space.
- All supplies will be channelled through the warehousing operations to ensure adequate procurement, management and distribution of relief supplies.
- *Transport and fleet needs* – There will be a need to rent vehicles and drivers to support transportation and distribution of relief items. Services are now being provided on a voluntary basis but this may not be indefinite.
- PADRU will support the DRCS training and implementation of the Mega V tool.

As many roads are still cut-off and bridges collapsed, assessments are difficult to perform, through IFRC and Airbus Helicopters Foundation partnership, IFRC requested support for one helicopter to conduct assessments. The Foundation confirmed contribution up to 12 helicopter's hour to conduct assessments.

**Communications:** The Dominica Red Cross Society will promote the Red Cross's work in an unbiased manner to beneficiaries and the public. The National Society will assign a communication focal point to support communications and to ensure visibility for emergency response activities.

The following are the communications objectives according to the target audience:

1. Internal Communication - Members of the Red Cross are aware of the humanitarian context through field briefings, status reports and coordination of operations. The Communication focal point will support the adaptation of information and tools to the local context as required for distribution via various modes. There will also be timely communication on the development of stories from the field and updates of the DRCS social media page.
2. External Communications - A series of public awareness and public education initiatives will be developed to disseminate information to the general population via Public Service Announcements (PSA), interviews and bulletins. Beneficiaries will be trained and sensitized on water, health and hygiene promotion.
3. Documentation – The DRCS will promote knowledge management through the provision of adequate documentation of the emergency operation. Consequently, all relevant articles, photos and beneficiary stories will be compiled and archived to capture the emergency support provided.

Maintaining a steady flow of timely and accurate information between the field and other major stakeholders is vital for fundraising, advocacy and maintaining the profile of emergency operations. During an operation, communications between affected populations and the Red Cross and Red Crescent, as well as with the media and donors is an essential mechanism for effective disaster response and for the promotion of quality, accountability and transparency. Journalists/photographers will be providing support to the Dominica Red Cross Society to increase the visibility of their humanitarian actions during this operation, and the IFRC's communications team in the Americas regional office will work with the National Society to identify the most appropriate communication channels.

The impact caused by Tropical Storm Erika has attracted international attention via posts, key messages and talking points on social media platforms including Twitter, Instagram and Facebook (<https://www.facebook.com/pages/Dominica-Red-Cross-Society-767/520243808085901?sk=info&tab=overview>). The DRCS has been using the radio, online news, print media, radio, telecommunications and social media to manage requests from residents, the Caribbean community, the diaspora on arrangements for donations and voluntary assistance. The IFRC communications activities will continue to target international audiences whilst also supporting communication needs of the DRCS. The operation will be utilised to highlight the impact of relief efforts of the Red Cross and Red Crescent Movement towards building community resilience in Dominica. To date, the IFRC Communication department has published the following stories:

- <http://www.ifrc.org/es/noticias/noticias/internacional/la-tormenta-erika-continua-su-paso-por-el-caribe/>
- <http://www.ifrc.org/en/news-and-media/press-releases/americas/dominica/erika-storms-through-the-caribbean-dominica-suffers-a-significant-damage/>
- <http://www.ifrc.org/en/news-and-media/news-stories/international/erika-storm-continues-its-path-through-the-caribbean-69284/>

Beneficiary feedback in the operation, production of photos from the operations and the dissemination of press releases and other updates will comprise the range of efforts to support a communications and advocacy for disaster preparedness. The plan will include:

- Design and production of Facts & Figures sheet for donors (with photos)





## Health & care

**Needs analysis:** Affected families will receive Psychosocial Support (PSS) activities in the short and medium term involving volunteers through PADRU's emergency health officer training. With many areas cut off, communities were without basic health and first aid services necessary to respond to immediate needs. In addition, lack of potable water and the likelihood of more rains going forward, there is the need for some public awareness on the importance of proper water, health and hygiene practices to avoid water and vector-borne diseases. These will be addressed once detailed assessments are completed and included in the Emergency Appeal.

Disease prevention and health promotion activities at evacuation centres and at the community level need to be undertaken immediately in order to protect overall health, mental health and prevent the occurrence of outbreaks of diseases, including water and vector-borne diseases. There is also the need to promote safe water and food handling, and to provide hygienic items to reinforce practice. The Dominica Red Cross Society has suitable awareness materials and will need support for adaptation, printing and dissemination. The National Society has 12 CBHFA members trained and have the knowledge to mobilize the community to address the priority health needs.

**Population to be assisted:** The National Society will reach at least **1,500** people with psychosocial support (PSS) and up to **12,000** people with CBHFA. A detailed health assessment will be conducted in the targeted communities. This assessment will allow the DRCS to identify the factors for response to facilitate basic health and hygiene promotion and reduce risks associated with bacterial, mosquito and vector-borne diseases. The operation will include hygiene promotion activities and the proper management of hygiene kits. The assessments and resulting interventions will be designed taking into account gender and age differences and they will include individual and community participation.

Objectives		Indicators									
<b>Outcome 4: The immediate risks to the health of the people in the affected communities are reduced.</b>		% of people in the intervention zone of the operation can access to diseases prevention or psychosocial support activities									
<b>Output 4.1:</b> At least 12,000 people receive first aid and strengthen their information to prevent diseases related to their vulnerable hygiene and sanitation conditions with follow up		Number of people participating in disease prevention activities Number of community members trained in CBHFA Number of people receiving first aid services Number of downloads of first aid app									
Activities planned	Months	1	2	3	4	5	6	7	8	9	
Identification and registration of people in evacuation centres		X									
Distribution of 1,000 hygiene kits with hygiene promotion material		X	X	X							
Detailed health assessment		X									
<b>Output 4.2:</b> At least 1,500 people have access to psychosocial support		Number of people receiving PSS									
Activities planned	Months	1	2	3	4	5	6	7	8	9	
Conducting PSS activities with the targeted population		X	X								
Procurement of 3 community first aid kits for CDRTs					X						
Carry out 3 CBHFA trainings for communities with follow up					X	X					
Promotion of Universal first aid app					X	X			X		

## Water, sanitation and hygiene promotion

### Needs analysis:

Water service is being resumed in areas close to the capital Roseau, but 40 per cent of the population does not have access to water. DOWASCO, the Dominica water and sewerage company confirms certain locations will be out of running potable water for at least another month. The Dominica Red Cross, the IFRC and the French Red Cross have been in



Hygiene promotion activities done under the CBHFA	X	X	X							
<b>Output 5.3:</b> The National Society gains capacity in water and sanitation	Number of volunteers trained on water and sanitation and hygiene promotion activities									
<b>Activities planned</b>	<b>Months</b>									
	1	2	3	4	5	6	7	8	9	
Train DRCS volunteers and DEWASCO agents on the use of Aqua EW403D	X									
Carry out NIT water and sanitation training					X					
Procure chemicals for contingency stock					X					
Training on maintenance of water and sanitation equipment			X							
<b>Output 5.4:</b> Adequate sanitation in compliance with SPHERE standard is provided to the affected population (3,000 families/12,000 people)	Number of households engaged in one or more sanitation interventions according to the context (e.g. solid waste management, drainage and vector control)									
<b>Activities planned</b>	<b>Months</b>									
	1	2	3	4	5	6	7	8	9	
Conduct hygiene promotion activities (including safe water use and sensitization of water-borne diseases)	X	X	X							
Distribute hygiene kits	X	X								
Procure of 600 cleaning kits	X									
Distribute 600 cleaning kits	X	X	X							
Carry out surface cleaning in targeted communities		X	X							

## Shelter and settlements (and household items)

**Needs analysis:** Detailed assessments as well as a market analysis are required. Teams were deployed to conduct damage assessments in isolated communities. Preliminary data from 2 September shows that 271 houses were damaged or destroyed, of which 217 are located in Petit Savanne and 54 in the rest of the island.

**Population to be assisted:** The National Society has used their prepositioned stock. Additionally, initial actions include the use of an unconditional cash transfer programme through the distribution of VISA debit cards (multi-purpose) for US 100 dollars per family to support replacement of household items, home repairs and non-food items for their use when they return home.

Objectives	Indicators									
<b>Outcome 6: The immediate shelter and household needs of the target population are met.</b>	No. of families provided with essential non-food items that meet agreed standards for the specific operational context.									
<b>Output 6.1</b> Essential basic household non-food items are provided to the target population in the form of shelter kits (with sticks), mattresses, bed linen, and kitchen sets.	No. of families receiving non-food items.									
<b>Activities planned</b>	<b>Month</b>									
	1	2	3	4	5	6	7	8	9	
Detailed assessments	X									
Targeting and registration of beneficiaries	X									
Procurement of 500 shelter kits with sticks	X									
Procurement of mattresses and bed linen for 1,000 families	X									
Procurement of 1,000 kitchen sets	X									
Distribution of kitchen sets, shelter kits, mattresses and bed linen	X	X	X	X						

## Restoring family links

**Needs analysis:** The population remains without telecommunications and power in many communities. As a result, a joint hotline between the Office of Disaster Preparedness and Dominica Red Cross Society was established to assist with requests for assistance. With a large Dominican diaspora, a local university hosting students from across the region and with access to some communities not fully restored, there are daily requests for RFL assistance. Initial assessments

anticipate the need for RFL services within the first two months of the operation. Findings of the detailed assessments will determine if there is a greater need for RFL beyond this stage.

Objectives	Indicators
<b>Outcome 7: Persons have communication and contact their families</b>	No. of people that have contacted the National Society
<b>Output 7.1</b> Response to requests to restore family links	No. of people that have been supported through RFL
<b>Activities planned</b> <b>Month</b>	1 2 3 4 5 6 7 8 9
Prioritization of requests for RFL amongst vulnerable groups (e.g. children, elderly, persons with special needs)	X
Training of DRCS personnel in RFL	X
Receipt and distribution of messages to assist with RFL of affected persons	X

## National Society capacity building and disaster preparedness

Objectives	Indicators
<b>Outcome 8: Contribution to the enhancement of the Dominica Red Cross logistics capacity</b>	The National Society has a warehouse capacity for 500 families
<b>Output 8.1</b> Logistics storage facility is built to increase capacity storage of the National Society disaster preparedness and response	One warehouse is built
<b>Output 8.2</b> The Emergency Operation Centre increases the capacity of the National Society	Number of volunteers trained
<b>Activities planned</b> <b>Month</b>	1 2 3 4 5 6 7 8 9
Warehouse management processes are in place to ensure sustainability of operations	X X
Construction of warehouse facility in identified and approved area on DRCS HQ compound in line with established building codes	X X X X
A training of EOC is conducted by the IFRC Reference centre for 20 DRCS volunteers.	X
<b>Outcome 9: Increase the Dominica Red Cross in Disaster preparedness capacity</b>	The DRCS has a plan to improve its readiness capacity based on the baseline of the WPNS
<b>Output 9.1</b> Strengthened National Society capacity in disaster response	Number of volunteers training in disaster management
<b>Activities planned</b> <b>Month</b>	1 2 3 4 5 6 7 8 9
Carry out a Well-Prepared National Society assessment with the DRCS	X X
Review the DRCS National Response Plan and update the contingency plan	X

**Needs analysis:** In recent years, the Dominica Red Cross Society has developed capacity in disaster preparedness and risk reduction. Nevertheless, this development has been heavily concentrated in the Island, where the greatest damages due to the 27 August impact of Hurricane Erika occurred. The current emergency has highlighted strong institutional response capacities of the National Society, but there are still some issues to be addressed. Furthermore, additional focal points should be assigned to some technical areas to avoid an over-reliance on the existing resources. The passage of Tropical Storm Erika over the island highlights strengths and well as areas of improvement in the preparedness and initial relief phases within the DRCS and between its partners including community disaster teams.

**Population to be assisted:** The action plans involve the headquarters and branches of the National Society, as well as volunteers from across the island in order to ensure trained volunteers to support in further emergencies. In addition, members of the Office Disaster Management (ODM) system will be invited to participate. At the community level, at least two (2) CDRTs will be included.

## Contact information

**For further information specifically related to this operation, please contact:**

- **In the Dominica Red Cross Society:** Kathleen J. Pinard Byrne, Director General, phone: +(767) 448-8280; email: [directorgeneral@redcross.dm](mailto:directorgeneral@redcross.dm)
- **In the IFRC Caribbean regional representation office in Port of Spain:** Lorraine Mangwiro, IFRC regional representative for the English-speaking Caribbean region; email: [Lorraine.mangwiro@ifrc.org](mailto:Lorraine.mangwiro@ifrc.org).
- **In IFRC Americas regional Office in Panama,** Phone: +507 317 3050;
  - Carlos Inigo Barrena, disaster response and crisis and early recovery coordinator; email: [ci.barrena@ifrc.org](mailto:ci.barrena@ifrc.org).
  - Stephany Murrilo, zone senior logistics & mobilization officer, email: [Stephany.murillo@ifrc.org](mailto:Stephany.murillo@ifrc.org)
  - Priscila Gonzalez, planning, monitoring & reporting team coordinator; email: [priscila.gonzalez@ifrc.org](mailto:priscila.gonzalez@ifrc.org)
- **Geneva:** Cristina Estrada, quality assurance senior officer, phone: +41.22.730.4529; email: [cristina.estrada@ifrc.org](mailto:cristina.estrada@ifrc.org)

#### **For Resource Mobilization and Pledges:**

- **In IFRC Americas regional Office in Panama:** Ursula Araya, relationship management coordinator; email: [ursula.araya@ifrc.org](mailto:ursula.araya@ifrc.org); phone: +507 317 3050

---

#### **Click here**

1. Appeal budget **[below](#)**
2. **[Map](#)** of the affected areas.
3. Click **[here](#)** to return to the title page

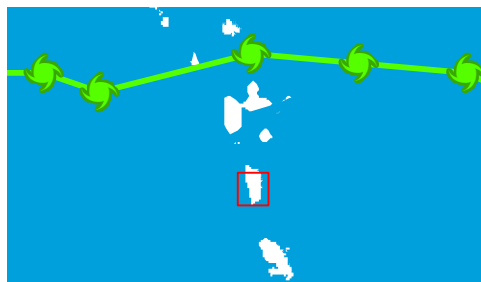
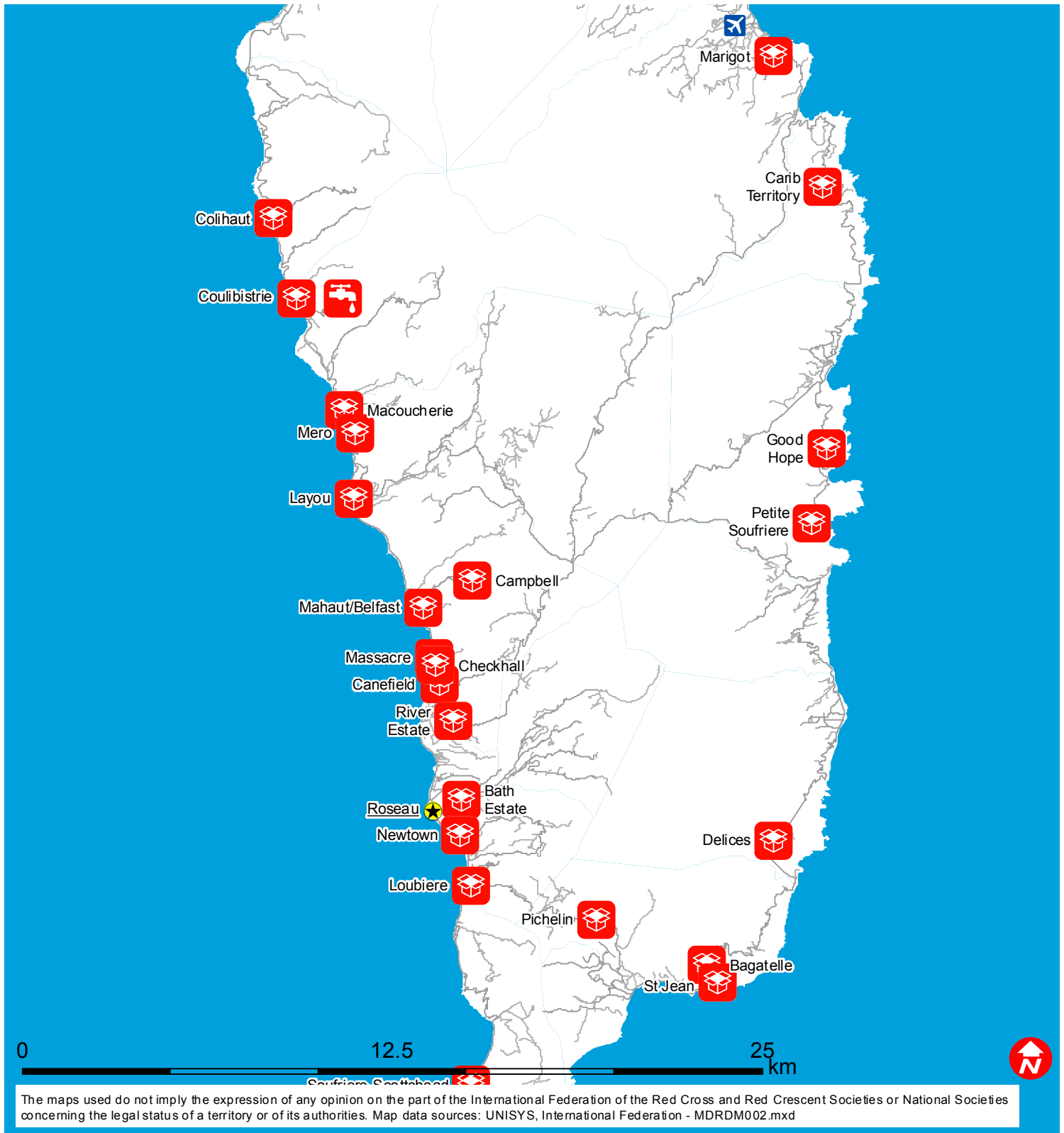
## EMERGENCY APPEAL

### MDRDM002 - Dominica Tropical Storm Erika

Budget Group	Multilateral Response	Inter-Agency Shelter Coord.	Bilateral Response	Appeal Budget CHF
Shelter - Relief	14,000			14,000
Shelter - Transitional	0			0
Construction - Housing	0			0
Construction - Facilities	68,158			68,158
Construction - Materials	0			0
Clothing & Textiles	56,999			56,999
Food	0			0
Seeds & Plants	0			0
Water, Sanitation & Hygiene	215,102			215,102
Medical & First Aid	1,753			1,753
Teaching Materials	23,612			23,612
Ustensils & Tools	52,210			52,210
Other Supplies & Services	1,753			1,753
Emergency Response Units	0			0
Cash Disbursements	48,684			48,684
<b>Total RELIEF ITEMS, CONSTRUCTION AND SUPPLIES</b>	<b>482,270</b>	<b>0</b>	<b>0</b>	<b>482,270</b>
Land & Buildings	0			0
Vehicles	0			0
Computer & Telecom Equipment	11,120			11,120
Office/Household Furniture & Equipment	0			0
Medical Equipment	0			0
Other Machinery & Equipment	0			0
<b>Total LAND, VEHICLES AND EQUIPMENT</b>	<b>11,120</b>	<b>0</b>	<b>0</b>	<b>11,120</b>
Storage, Warehousing	3,505			3,505
Distribution & Monitoring	11,400			11,400
Transport & Vehicle Costs	20,972			20,972
Logistics Services	21,600			21,600
<b>Total LOGISTICS, TRANSPORT AND STORAGE</b>	<b>57,478</b>	<b>0</b>	<b>0</b>	<b>57,478</b>
International Staff	103,200			103,200
National Staff	16,140			16,140
National Society Staff	47,146			47,146
Volunteers	75,483			75,483
Other Staff Benefits	0			0
<b>Total PERSONNEL</b>	<b>241,968</b>	<b>0</b>	<b>0</b>	<b>241,968</b>
Consultants	8,958			8,958
Professional Fees	8,958			8,958
<b>Total CONSULTANTS &amp; PROFESSIONAL FEES</b>	<b>17,917</b>	<b>0</b>	<b>0</b>	<b>17,917</b>
Workshops & Training	58,402			58,402
<b>Total WORKSHOP &amp; TRAINING</b>	<b>58,402</b>	<b>0</b>	<b>0</b>	<b>58,402</b>
Travel	19,377			19,377
Information & Public Relations	7,424			7,424
Office Costs	9,951			9,951
Communications	7,653			7,653
Financial Charges	2,191			2,191
Other General Expenses	0			0
Shared Office and Services Costs	4,203			4,203
<b>Total GENERAL EXPENDITURES</b>	<b>50,799</b>	<b>0</b>	<b>0</b>	<b>50,799</b>
Partner National Societies				
Other Partners (NGOs, UN, other)				
<b>Total TRANSFER TO PARTNERS</b>		<b>0</b>	<b>0</b>	<b>0</b>
Programme and Services Support Recovery	59,797	0	0	59,797
<b>Total INDIRECT COSTS</b>	<b>59,797</b>	<b>0</b>	<b>0</b>	<b>59,797</b>
Pledge Earmarking & Reporting Fees				
<b>Total PLEDGE SPECIFIC COSTS</b>		<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL BUDGET</b>	<b>979,749</b>	<b>0</b>	<b>0</b>	<b>979,749</b>
<b>Available Resources</b>				
Multilateral Contributions				0
Bilateral Contributions				0
<b>TOTAL AVAILABLE RESOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>NET EMERGENCY APPEAL NEEDS</b>	<b>979,749</b>	<b>0</b>	<b>0</b>	<b>979,749</b>



# Dominica: Tropical Storm Erika



- Tropical Storm
- Targeted communities
- WatSan unit