

# DREF final report

## Belize: Hurricane Ernesto

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### DREF operation n° MDRBZ003 GLIDE n° TC-2012-000133-BLZ 18 June 2013

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The International Federation of Red Cross and Red Crescent (IFRC) Disaster Relief Emergency Fund (DREF) is a source of un-earmarked money created by the Federation in 1985 to ensure that immediate financial support is available for Red Cross Red Crescent response to emergencies. The DREF is a vital part of the International Federation's disaster response system and increases the ability of National Societies to respond to disasters.

**Summary:** 48,745 Swiss francs were allocated from the IFRC's Disaster Relief Emergency Fund (DREF) on 8 August 2012 to support the Belize Red Cross Society (BRCS) in delivering assistance to some 750 beneficiaries (150 families) by replenishing disaster preparedness stocks available in the National Society's warehouse.

Following early and secondary damage-and-needs assessments, the Belize Red Cross Society delivered non-food relief items to 195 targeted families (1,046 beneficiaries).

The European Commission Humanitarian Aid and Civil Protection replenished 80 per cent of the DREF allocation made for this operation. The major donors and partners of the DREF include the Australian, American and Belgian governments, the Austrian Red Cross, the Canadian Red Cross and government, the Danish Red Cross and government, the European Commission Humanitarian Aid and Civil Protection (ECHO), the Irish and the Italian governments, the Japanese Red Cross Society, the Luxembourg government, the Monaco Red Cross and government, the Netherlands Red Cross and government, the Norwegian Red Cross and government, the Spanish government, the Swedish Red Cross and government, the United Kingdom Department for International Development (DFID), the Medtronic and Z Zurich foundations, and other corporate and private donors. The IFRC, on behalf of the National Society, would like to extend thanks to all the donors for their generous contributions. Details of all donors can be found at: <http://www.ifrc.org/en/what-we-do/disaster-management/responding/disaster-response-system/financial-instruments/disaster-relief-emergency-fund-dref/>



From August to November 2012, Belize Red Cross Society volunteers delivered NFIs to the vulnerable population around the country.

[<click here for the final financial report, or here to view contact details>](#)

## The situation

On 7 August hurricane Ernesto became a category-one hurricane, with sustained winds of 130 km per hour. On 8 August heavy rainfall followed the passage of the hurricane, and storm surges occurred along the northern coast of Belize, close to the Mexican border. It was estimated that there was a high risk of overflowing of riverbeds and of landslides in the northern areas, as a secondary hazard resulting from the passage of the hurricane. As a consequence, this DREF operation was launched in order to ensure response preparedness before hurricane Ernesto struck Belize. The operation was planned to support damage and needs assessments, as well as to replenish pre-positioned stocks. However, following the impact of the hurricane, the Belize Red Cross Society distributed relief items to a total of 195 affected families (1,046 people).

## Red Cross and Red Crescent action

### Achievements against outcomes

The Belize Red Cross Society carried out early and secondary damage-and-needs assessments and delivered non-food relief items to 195 targeted families (1,046 people).

<i>Damage and need assessments</i>
<b>Outcome: The Belize Red Cross Society NIT members will perform damage and needs assessments in the affected departments.</b>
<b>Outputs (expected results) and activities planned:</b> <ul style="list-style-type: none"> <li>• Conduct rapid emergency needs and capacity assessments over a period of 48 hours.</li> <li>• Print and distribute assessment forms.</li> <li>• Deploy two IFRC delegates.</li> <li>• Perform an analysis of the assessments.</li> <li>• Develop a plan of action, if required.</li> </ul>

**Impact:** Initial assessments following hurricane Ernesto showed minor impact on communities; however, the secondary hazards from ongoing rains resulted in further flooding, causing latrines to overflow and contaminated stagnant water to build up, posing health hazards.

Following the quick assessment carried out by the team including the Belize Red Cross Society NIT members and two disaster managers, another team consisting of one Belize Red Cross Society NIT member, one Belize Red Cross Society RIT member, and seven volunteers was deployed to conduct follow-up assessments of the Corozal District.

The storm had already resulted in some damage to vulnerable crops such as papaya, and, although there was minimal visible material damage, there was a possibility of secondary hazards such as:

- Flooding due to saturated land from constant rain and the additional waters coming from the Rio Hondo as a result of rains across the Mexican border;
- Waterborne diseases due to flooded latrines contaminating water sources;
- Additional crop damage due to stagnant waters; and
- Vector-transmitted diseases due to an increase in vectors.

Apart from the initial assessments, a follow-up was conducted in the villages of Caledonia, Sarteneja, Chunox, and Copper Bank in the Corozal District. While conducting the assessments, information from villagers revealed that the community of Fire Burn was in need of assistance. This village was completely cut off due to some 1.5 metres of water flooding the only road leading into the village. Therefore, access to this community was possible only by boat. The residents of Fire Burn are all related (five families, totaling 26 persons); their only means of subsistence are the proceeds from the sale of their crops, and this was their only means of survival during the flood. Not being able to leave the village resulted in the depletion of their food and the rotting of vegetables and fruits previously prepared for sale. The table below shows the results of the assessments.

Community	N° of families	% Overflown latrines	Overflown wells	Reported vector problems	Stagnant water	Reported roof damage	% Loss of home-grown products	% Damage to fields	Other
Caledonia	250	50-100	Yes	Heavy	Yes, no drainages available	Yes	50-100	10-75	
Sarteneja	500	-	Yes	Heavy	-	Yes	50-100	10-75	Fish traps damaged
Fire Burn	5	-	Yes	Heavy	-	-	-	-	Access restricted
Chunox	300		Yes	Heavy	Yes	Yes	50-100	10-75	
Copper Bank	100	-	Yes	Heavy	-	Minor	50-100	10-75	Five impoverished families need assistance

These assessments were the basis for the National Society to better target 195 vulnerable families in need of relief items.

Relief distributions (food and basic non-food items)
<b>Outcome: The immediate needs of 150 families affected are met through the distribution of essential food and non-food items.</b>
<b>Outputs (expected results) and activities planned: 150 families receive four blankets, one food parcel, two jerry cans and one hygiene kit.</b>
<ul style="list-style-type: none"> <li>• Develop a beneficiary targeting strategy and registration system to deliver intended assistance.</li> <li>• Distribute relief supplies to affected families.</li> <li>• Replenish pre-positioned stock.</li> </ul>

**Impact:** Overcoming the difficult access to some communities, the operation reached 195 families in the target area with food, water and non-food items to help them cope with the disaster. The numbers of people reached per community are distributed as follows:

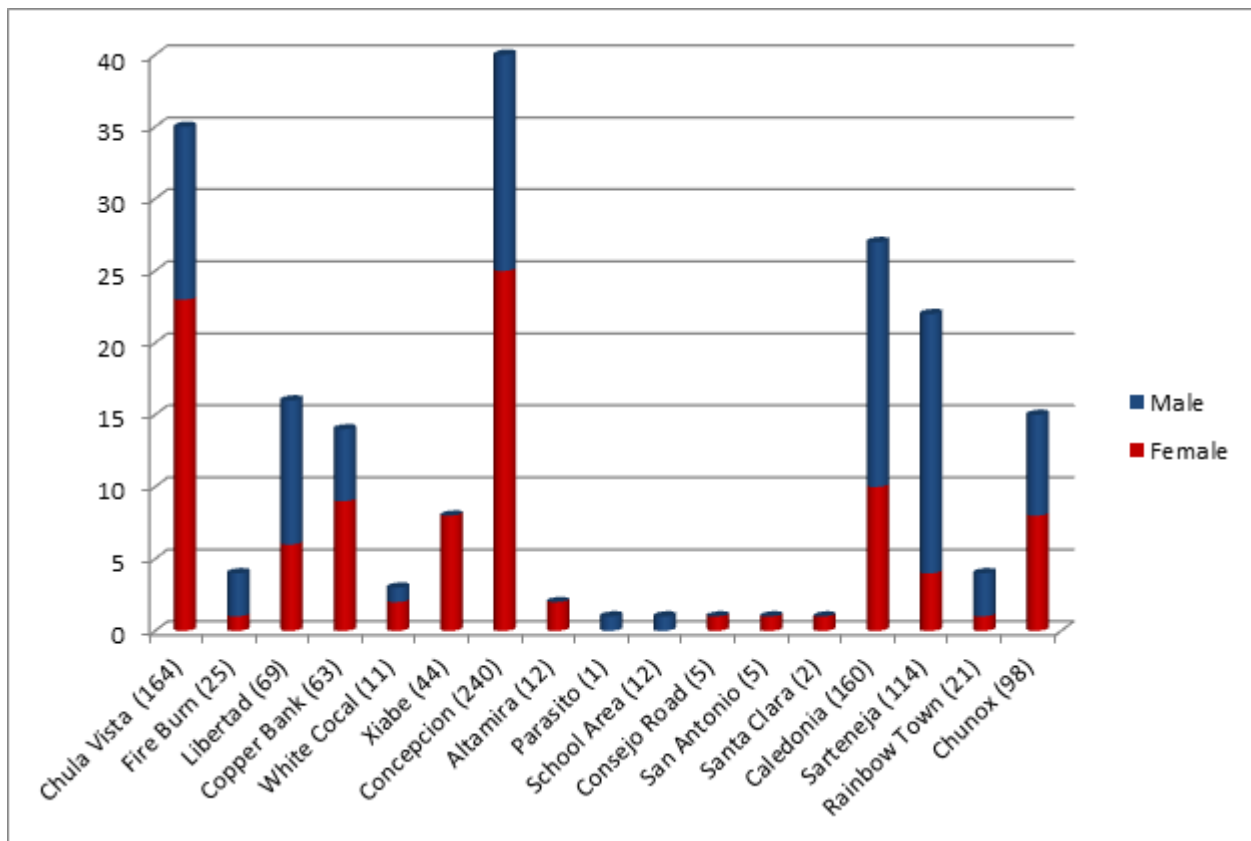
Community	N° of people reached
Chula Vista	164
Fire Burn	25
Libertad	69
Copper Bank	63
White Cocal	11
Xiabe	44
Concepcion	240
Altamira	12
Parasito	1
School area	12
Consejo Road	5
San Antonio	5
Santa Clara	2
Caledonia	160
Sarteneja	114
Rainbow Town	21
Chunox	98
<b>Total people reached</b>	<b>1,046</b>

The overall figures for emergency relief items distributed were:

Food	Water bottles	Hygiene kits	Jerry cans	Tarpaulins	Buckets	Mosquito nets	Blankets	Cleaning kits	Baby kits	Kitchen sets	Aquatabs
163	291	314	252	64	125	263	87	16	15	41	102

USAID/OFDA offered a total of 600 blankets and, as a result, the Belize Red Cross Society requested that the affected population be provided with 300 mosquito nets to prevent vector-transmitted diseases. The National Society used their existing stocks, and extra relief items including 150 hygiene kits, 300 jerry cans and 300 mosquito nets have been sent from Panama. The distribution was made according to needs, and the items that were not distributed were sent to the Belize Red Cross warehouse.

The distribution of relief items was accompanied by talks on how to use the mosquito nets, jerry cans and the IFRC standard kits. The delivery of items was carried out together with a register of householders. Out of the householders receiving the items, 52.8 per cent were women (see the chart below).



The relief distribution reached a larger amount of beneficiaries than planned as a preparedness for response measure for hurricane Ernesto and the stocks were replenished according to this DREF.

Overall, the impact of Hurricane Ernesto was lesser than expected, and the National Society had less expenses than anticipated.

## Contact information

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

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**For performance and accountability  
(planning, monitoring, evaluation and reporting enquiries)**

- **At the IFRC zone office:**  
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## DREF history:

- The DREF was initially allocated CHF 48,745 on 8 August 2012 for a period of three months to assist 750 beneficiaries.
  - One DREF operations update has been issued.
  - Budget was revised according to request from the Belize Red Cross Society to replace the requested 600 blankets with 300 mosquito nets.
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## How we work

All IFRC assistance seeks to adhere to the [Code of Conduct for the International Red Cross and Red Crescent Movement and Non-Governmental Organizations \(NGO's\) in Disaster Relief](#) and the [Humanitarian Charter and Minimum Standards in Disaster Response](#) in delivering assistance to the most vulnerable.

The IFRC's vision is to inspire, encourage, facilitate and promote at all times all forms of humanitarian activities by National Societies, with a view to preventing and alleviating human suffering, and thereby contributing to the maintenance and promotion of human dignity and peace in the world.

[www.ifrc.org](http://www.ifrc.org)  
Saving lives, changing minds.



The IFRC's work is guided by Strategy 2020 which puts forward three strategic aims:

1. Save lives, protect livelihoods, and strengthen recovery from disaster and crises.
  2. Enable healthy and safe living.
  3. Promote social inclusion and a culture of non-violence and peace.
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## Disaster Response Financial Report

MDRBZ003 - Belize - Hurricane Ernesto

Timeframe: 08 Aug 12 to 08 Nov 12

Appeal Launch Date: 08 Aug 12

Annual Report

### Selected Parameters

Reporting Timeframe	2012/8-2103/€	Programme	MDRBZ003
Budget Timeframe	2012/8-2012/	Budget	APPROVED
		Project	*

All figures are in Swiss Francs (CHF)

## I. Funding

	Raise humanitarian standards	Grow RC/RC services for vulnerable people	Strengthen RC/RC contribution to development	Heighten influence and support for RC/RC work	Joint working and accountability	TOTAL	Deferred Income
A. Budget		48,745				48,745	
B. Opening Balance		0				0	
<b>Income</b>							
<u>Other Income</u>							
DREF Allocations		48,745				48,745	
C4. Other Income		48,745				48,745	
C. Total Income = SUM(C1..C4)		48,745				48,745	
D. Total Funding = B +C		48,745				48,745	

## II. Movement of Funds

	Raise humanitarian standards	Grow RC/RC services for vulnerable people	Strengthen RC/RC contribution to development	Heighten influence and support for RC/RC work	Joint working and accountability	TOTAL	Deferred Income
B. Opening Balance		0				0	
C. Income		48,745				48,745	
E. Expenditure		-33,393				-33,393	
F. Closing Balance = (B + C + E)		15,352				15,352	

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Reporting Timeframe	2012/8-2103/4	Programme	MDRBZ003
Budget Timeframe	2012/8-2012/	Budget	APPROVED
		Project	*

All figures are in Swiss Francs (CHF)

### III. Expenditure

Account Groups	Expenditure						TOTAL	Variance
	Budget	Raise humanitarian standards	Grow RC/RC services for vulnerable people	Strengthen RC/RC contribution to development	Heighten influence and support for RC/RC work	Joint working and accountability		
	A					B	A - B	
<b>BUDGET (C)</b>			<b>48,745</b>			<b>48,745</b>		
<b>Relief items, Construction, Supplies</b>								
Clothing & Textiles	3,515		1,058			1,058	2,457	
Food	11,569		10,599			10,599	970	
Water, Sanitation & Hygiene	3,368		2,706			2,706	662	
Utensils & Tools	1,172		797			797	375	
<b>Total Relief items, Construction, Sup</b>	<b>19,624</b>		<b>15,160</b>			<b>15,160</b>	<b>4,464</b>	
<b>Logistics, Transport &amp; Storage</b>								
Storage			1,398			1,398	-1,398	
Distribution & Monitoring	805		2,909			2,909	-2,104	
Transport & Vehicles Costs	3,661		3,814			3,814	-153	
Logistics Services	399		398			398	1	
<b>Total Logistics, Transport &amp; Storage</b>	<b>4,865</b>		<b>8,520</b>			<b>8,520</b>	<b>-3,655</b>	
<b>Personnel</b>								
International Staff			24			24	-24	
National Society Staff	1,464		120			120	1,344	
Volunteers	5,905		3,130			3,130	2,775	
<b>Total Personnel</b>	<b>7,369</b>		<b>3,274</b>			<b>3,274</b>	<b>4,095</b>	
<b>General Expenditure</b>								
Travel	5,858		2,070			2,070	3,788	
Office Costs	3,417		611			611	2,806	
Communications	3,173		509			509	2,664	
Financial Charges	976		890			890	87	
Other General Expenses	488		322			322	166	
<b>Total General Expenditure</b>	<b>13,912</b>		<b>4,401</b>			<b>4,401</b>	<b>9,511</b>	
<b>Indirect Costs</b>								
Programme & Services Support Recov	2,975		2,038			2,038	937	
<b>Total Indirect Costs</b>	<b>2,975</b>		<b>2,038</b>			<b>2,038</b>	<b>937</b>	
<b>TOTAL EXPENDITURE (D)</b>	<b>48,745</b>		<b>33,393</b>			<b>33,393</b>	<b>15,352</b>	
<b>VARIANCE (C - D)</b>			<b>15,352</b>			<b>15,352</b>		

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		Project	*

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**IV. Breakdown by subsector**

Business Line / Sub-sector	Budget	Opening Balance	Income	Funding	Expenditure	Closing Balance	Deferred Income
<b>BL2 - Grow RC/RC services for vulnerable people</b>							
Disaster response	48,745	0	48,745	48,745	33,393	15,352	
Subtotal BL2	48,745	0	48,745	48,745	33,393	15,352	
<b>GRAND TOTAL</b>	<b>48,745</b>	<b>0</b>	<b>48,745</b>	<b>48,745</b>	<b>33,393</b>	<b>15,352</b>	