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## DREF final report

# Rwanda: Heavy Rainstorms and Floods

 International Federation  
of Red Cross and Red Crescent Societies

**DREF operation n° MDRRW007**  
**GLIDE n° FL-2011-000051**  
**31 October 2011**

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:** CHF **149,954** was allocated from the IFRC's Disaster Relief Emergency Fund (DREF) on 24 May 2011 to support the National Society in delivering assistance to some **1,860** beneficiaries, or to replenish disaster preparedness stocks.



Rwanda RC Providing shelter support to the affected families. Source RRC

On 25 April 2011, Gisagara District located in the Southern Province of Rwanda experienced heavy rainstorms with strong winds and localized flooding. On 5 May, Rwamagana District located in the Eastern Province, Musanze located in Northern Province and Nyabihu District in Western Province also experienced severe weather. It is estimated that approximately 3,588 people were affected as result of severe weather in Rwanda; 14 deaths were reported, 20 injured, 6 hospitalized and 1,860 people were displaced. Additionally, 372 houses, 2 schools and 1 church were damaged and 277 hectares of crops (maize, beans, soybean, rice, cassava, fruits and vegetables) were destroyed.

The Rwanda Red Cross (RRC) responded immediately, helping attend to the dead and injured, and to provide psychosocial support for those affected. An emergency needs assessment was conducted in collaboration with local authorities and staff to determine immediate needs. RRC distributed essential non-food items (NFIs), including health and hygiene items. Elderly and other vulnerable households were assisted to repair or reconstruct their houses. Establishment of home gardens and fruit trees were supported, Nutrition and supplemental feeding activities were carried out. Latrines were constructed and good hygiene practices promoted.

The Netherlands Red Cross/Government contributed CHF 48,834, ECHO contributed CHF 50,163 and Belgian Red Cross/Government contributed CHF 50,000 to the DREF in 100% replenishment of the allocation made for this operation.

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

## The situation

As a result of the heavy rainstorms and floods, the affected populations were forced to flee their homes and were temporarily accommodated by the host community. For the families affected by the disaster, there was a shortage of food due to crop destruction and poor health and hygiene conditions as a result of over-extended host families. The situation presented a risk for the spread of both waterborne and airborne diseases. Additionally, lack of access to foodstuffs presented a situation that could have resulted in short term malnutrition, especially in children under the age of 5, lactating mothers and the elderly. The extensive damage to homes resulted in the destruction of a variety of household items and clothing leaving the affected population without the basic necessities or the means to prepare food or clothe themselves. Beddings were also destroyed, creating the need for distribution of blankets and sleeping mats.

## Red Cross and Red Crescent action

RRC mobilized its staff and volunteers to provide immediate assistance to the affected communities, initially by transporting the injured to Rwamagana Hospital as well as through distribution of essential non-food items and provision of psychological support to the affected people. Altogether, activities carried out in support of those affected included:

- An emergency needs assessment was conducted in collaboration with local authorities and staff from the Ministry of Disaster Management and Refugees Affairs (MIDMAR) to determine the immediate needs of the affected people.
- Assistance was provided with dead body management in Nyabihu District.
- Non-food items (NFIs) were distributed for 100 households in Rwamagana District and 50 households in Musanze District.
- a regional disaster response team (RDRT) member for distribution support and practical training of volunteers was deployed in Rwamagana District.
- Psychological support was provided to the displaced people.
- Elderly and other vulnerable households were assisted to repair or reconstruct their houses.
- Establishment of home gardens and fruit trees were supported.
- Nutrition and supplemental feeding activities were carried out.
- Latrines were constructed and good hygiene practices promoted.

## Achievements against objectives

Non Food Items Distribution	
<b>Objective: To provide basic Non-Food Items and clothing to 372 affected households (1760 people) in Rwamagana, Musanze and Gisagara Districts.</b>	
Expected results	Activities planned
<ul style="list-style-type: none"> <li>• The affected households in Rwamagana, Musanze and Gisagara Districts receive NFI items and clothing.</li> <li>• Competencies of emergency relief volunteers from Rwamagana and Gisagara Districts are sustained and improved in order to provide emergency relief distribution.</li> <li>• Volunteers have adequate emergency response equipment.</li> </ul>	<ul style="list-style-type: none"> <li>• Procurement and distribution of 352 kitchen sets, 704 blankets, 352 kitenge (clothing item), 10 bundles of clothes and 700 sleeping mats.</li> <li>• Organize refresher course training for emergency relief volunteers from Rwamagana and Gisagara Districts</li> <li>• Provide for basic emergency relief equipment for volunteers in two districts.</li> </ul>

### Achievements:

The Rwanda Red Cross volunteers registered the affected communities by household, age and sex. A total of 1,876 people were registered. These communities were provided with emergency relief items procured from the local markets. They included the following:

**Table 1: non-food items distribution**

Relief items	Amount	People reached
Sleeping mats	1,000 pieces	1,000
Kitchen sets	393 sets	393
Second hand clothes	10 batches	470

Blankets	863 pieces	431
Kitenge	391 pieces	391



Rwanda RC volunteers providing NFIs to the affected families. Source RRC

Emergency Shelter	
<b>Objective: To provide for the emergency shelter of 372 affected households (1,760 people) in Rwamagana, Musanze and Gisagara Districts.</b>	
Expected results	Activities planned
<ul style="list-style-type: none"> <li>The affected households in Rwamagana, Musanze and Gisagara Districts are able to conduct emergency repairs to their homes.</li> </ul>	<ul style="list-style-type: none"> <li>Plastic sheeting for 372 households for temporary covering of roofs and 540 iron sheets for 150 most vulnerable households for the permanent repair of roofs.</li> </ul>

#### Achievements:



A beneficiary giving a testimony on how the NS support has helped her. Photo RRC

RRC volunteers identified a total of 138 households who were in need of iron sheets and other house construction materials. With the available funds, a total of 5,519 pieces of iron sheets and 900kg of mixed nails were purchased and distributed to the affected households for construction. With help of branch volunteers and community members, Rwanda Red Cross managed to construct a total of 113 new brick houses. A total of 451 plastic sheeting was also distributed to 225 households during the initial emergency phase.

The elderly and the most vulnerable population were assisted in building new houses as well as construction of latrines. The beneficiaries have since settled in their newly constructed or rehabilitated houses and some

have gone back to their trade businesses or established kitchen gardens, thus they are able to feed themselves. According to one of the beneficiaries, the Rwanda Red Cross helped her in constructing a new house, thus restoring her livelihood. She can now continue with her normal small scale economic activities.

#### Water, sanitation, and hygiene promotion

<b>Objective: The risk of waterborne and water related diseases has been reduced through the provision of safe water, adequate sanitation as well as hygiene promotion to 372 affected households (1,760 people).</b>	
Expected results	Activities planned
<ul style="list-style-type: none"> <li>The affected households in Rwamagana, Musanze and Gisagara Districts are able to transport potable water and access latrines and showers.</li> </ul>	<ul style="list-style-type: none"> <li>704 jerry cans, 2,856 pieces of soap,</li> <li>Construction of temporary latrines and showers.</li> </ul>

### Achievements

A total of 226 iron sheets were distributed for the support of construction of 113 latrines for the 61 families in Rwamagana and 52 families in Gisagara districts. In addition, 1,173 jerry cans and 4,560 bars of washing soap were purchased and distributed to ensure that the people using the latrines and showers were observing hygiene by washing their hands after using the latrines.

### Food Security and Nutrition

**Objective: To provide seeds, agricultural tools, and supplementary food to 372 affected households (1760 people) in Rwamagana, Musanze and Gisagara Districts. Contribute to the prevention of short-term malnutrition, especially in under fives, lactating mothers and the elderly.**

Expected results	Activities planned
<ul style="list-style-type: none"> <li>The affected households in Rwamagana, Musanze and Gisagara districts receive supplementary food, seeds and agricultural tools.</li> <li>Nutrition status improved for children under 5 years and pregnant women and elderly.</li> </ul>	<ul style="list-style-type: none"> <li>Procure and distribute 3,570kg of mixed flour, 1,750kg of sugar, 1,750kg of maize, 1,750kg of beans, 70kg of vegetable, 352 fruits trees, 352 hoes, 352 machete, 352 tridents, 352 watering cans.</li> <li>Identify and register the children under five years and pregnant women</li> <li>Distribution of supplementary food (sugar, sosoma as a mixture of sorghum, soybean and maize flour)</li> <li>Conduct nutrition sensitization sessions targeting mothers and focusing on practical cooking demonstration.</li> </ul>

### Achievements

Rwanda Red Cross volunteers conducted nutrition sessions in the two branches. Training sessions on development of kitchen gardens were also conducted in the affected communities. Consequently, fruit trees were purchased and distributed to the communities in Rwamagana and Gisagara districts. Selected maize and bean seeds were also purchased for distribution. To facilitate cultivation, 550 hoes, 440 pangas (machetses), 281 tridents and 562 watering cans were purchased and distributed.

As regards improving nutrition status, RRC volunteers conducted home cooking demonstrations with the participation of 104 people from Rwamagana and 219 people from Gisagara. These community members benefited in the exercise and a lot of skills have been cascaded to family members by the trained people. Finally, 3,550kg of mixed flour was purchased and distributed as supplementary food to 394 families.

### Emergency health

**Objective: To contribute to the prevention and control risk of water and vector borne diseases among 372 affected households (1760 people) and for the host families in Rwamagana, Musanze and Gisagara districts.**

Expected results	Activities planned
<ul style="list-style-type: none"> <li>372 households receive jerry cans and soap.</li> <li>Disease outbreaks are minimized as households use health and hygiene items</li> <li>Hygiene conditions improved for 372 affected families and the host communities</li> <li>Latrines, and adequately used</li> <li>Morbidity related to malaria and waterborne diseases prevented.</li> </ul>	<ul style="list-style-type: none"> <li>Distribute jerry-cans, soap</li> <li>Conduct refresher training for volunteers on acute water diarrhoea (AWD) prevention and control</li> <li>Conduct sensitization campaigns on the prevention and control of malaria, focusing on proper use of LLITNs, early case detection and referral</li> <li>Conduct sensitization campaigns on poor hygiene and waterborne/ water related diseases using the Participatory Hygiene and Sanitation Transformation (PHAST) methodology</li> <li>Support on construction of latrines</li> <li>Produce information, education and communication (IEC) tools to change behaviour</li> <li>IEC/BCC materials and volunteer toolkits to be utilized during health education and promotion.</li> </ul>

### Achievements

Volunteers were trained on Participatory Hygiene and Sanitation Transformation (PHAST) methodology together with nutrition training to enable them to create awareness in the target districts. A total of 25 books (IEC materials) were purchased and distributed to the volunteers after the training. The trained volunteers

conducted sensitization campaigns on poor hygiene and waterborne/water related diseases using the PHAST methodology in Rwamagana and Gisagara districts. Sensitization campaigns on the prevention and control of malaria, focusing on proper use of LLITNs, early case detection and referral were also conducted for the two branches.

### Communications

<b>Objective: Conduct awareness and publicity activities including field visits to sensitize public and media on the situation on the ground.</b>	
<b>Expected results</b>	<b>Activities planned</b>
<ul style="list-style-type: none"> <li>• A flow of timely and accurate information between the field and partners is maintained</li> <li>• Documentary video on the DREF operation is produced as a teaching tool for volunteers</li> </ul>	<ul style="list-style-type: none"> <li>• Organize field visits</li> <li>• Production of information on the activities on the field to be shared with partners</li> </ul>

### Achievements

Field visits were conducted at headquarter, regional, branch and field levels. The IFRC EA Regional Representation and Goma ECHO delegate visited the affected areas at the beginning of the operation. Coordination meetings were also organized in the branches during the operation to update each other on implementation progress.

A film on the disaster situation as well as response by Rwanda Red Cross was taken. This film has been shared with relevant stakeholders and is available in the NS communication department at headquarters. The film will be aired on Rwanda's National Television for the larger public to view. This will also be published on the web. This will contribute to positioning the NS as a first responder to disasters in the country. The National Television has also been airing the disaster situation as well as services that were provided to the affected population by the Rwanda RC and other actors.

### Logistics

<b>Objective: Strengthen the National Society's logistics capacity through effective emergency logistics support of the operation.</b>	
<b>Expected results</b>	<b>Activities planned:</b>
<ul style="list-style-type: none"> <li>• NFI items available for distribution and restocking</li> <li>• Transport of non-food items</li> <li>• Replacement of distributed Non Food Items</li> <li>• Produce daily warehouse reports</li> <li>• Set up a distribution calendar and disseminate it to beneficiaries</li> </ul>	<ul style="list-style-type: none"> <li>• Purchase the items based on RRCS and IFRC rules and procedures.</li> <li>• Transport of non-food items to be distributed and restocking in the field;</li> <li>• Replacement of Non Food Items distributed at Headquarter and District warehouses</li> <li>• Produce daily warehouse reports;</li> <li>• Set up a distribution calendar and disseminate it to beneficiaries</li> </ul>

### Achievements

The Rwanda RC warehouse was maintained and volunteer storekeepers were remunerated during the reporting period using the DREF. One truck belonging to the DM Department was also repaired to support the smooth running of the operation. Volunteer equipment including gum boots, rain coats, T-shirts and caps were purchased and distributed to volunteers. The logistics department facilitated the transportation and storage of relief items. Regular reports on stock-ins and stock-outs were provided to the DM head and additional non-food items were repositioned in Musanze Branch as well.

### Monitoring and Evaluation

<b>Objective: Ensure effective management and accountability of the emergency operation through proper implementation, monitoring and reporting.</b>	
<b>Expected results</b>	<b>Activities planned:</b>
<ul style="list-style-type: none"> <li>• Monitoring visits conducted and information utilized in management of the operation.</li> <li>• Reports produced and shared with partners on operation status opportunities and challenges.</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct M&amp;E visits to Rwamagana, Musanze and Gisagara Districts.</li> <li>• Prepare regular situation and final reports</li> <li>• Deployment of Regional DM to evaluate the post relief operation with a view to improving current and future responses.</li> </ul>

## Achievements

During the months of the operation, RRC conducted meetings that were attended by branch staff and other partners. This ensured that all stakeholders were updated on implementation progress. Regular progress updates were also shared with the Disaster Management head.

Being the first time for these districts to experience a disaster of such magnitude, close supervision was needed. Field visits were conducted to support the branches during implementation of activities. This helped to ensure that the activities were implemented as planned and support was provided where necessary. Through the visits, the NS was able to provide updates on the evolving situation as well as their response activities.

## Challenges

The Rwamagana and Gisagara districts have never experienced a disaster of such magnitude. Initially, the branch offices experienced challenges in coordinating the response. This was solved through support from NS Headquarters. Difficulties were also experienced in data collection and management. The Rwanda RC volunteers were supported towards the end of the operation to collect this data by the DM Head. The headquarters will look into ways of enhancing the branch skills in monitoring and reporting.

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## Contact information

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

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## DREF history:

- This [DREF](#) was allocated on 24 May 2011 for CHF 149,954 for 2 months to assist 1,860 people affected by heavy rainstorms and floods.



[Click here](#)

1. Final financial report [below](#) (Balance of CHF 2,550 has been returned to DREF)
  2. Click [here](#) to return to the title page
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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 (NGOs) in Disaster Relief and the Humanitarian Charter and Minimum Standards in Disaster Response (Sphere) 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.

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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.

MDRRW007 - Rwanda - Heavy Rainstorms

Appeal Launch Date: 19 may 11

Appeal Timeframe: 19 may 11 to 19 jul 11

FINAL

Selected Parameters	
Reporting Timeframe	2011/05-2011/09
Budget Timeframe	2011/05-2011/07
Appeal	MDRRW007
Budget	APPEAL

All figures are in Swiss Francs (CHF)

## I. Consolidated Funding

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
<b>A. Budget</b>	149,759					149,759
<b>B. Opening Balance</b>	0					0
<b>Income</b>						
<u>Other Income</u>						
<i>DREF Allocations</i>	149,954					149,954
<b>C4. Other Income</b>	149,954					149,954
<b>C. Total Income = SUM(C1..C4)</b>	149,954					149,954
<b>D. Total Funding = B + C</b>	149,954					149,954
<b>Appeal Coverage</b>	100%					100%

## II. Movement of Funds

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
<b>B. Opening Balance</b>	0					0
<b>C. Income</b>	149,954					149,954
<b>E. Expenditure</b>	-147,404					-147,404
<b>F. Closing Balance = (B + C + E)</b>	2,550					2,550

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### III. Consolidated Expenditure vs. Budget

Account Groups	Budget	Expenditure					TOTAL	Variance
		Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination		
A							B	A - B
<b>BUDGET (C)</b>		<b>149,759</b>					<b>149,759</b>	
<b>Relief items, Construction, Supplies</b>								
Shelter - Relief	51,520							51,520
Construction Materials	1,570							1,570
Clothing & Textiles	18,893							18,893
Food	5,978							5,978
Seeds & Plants	3,546							3,546
Water, Sanitation & Hygiene	8,700							8,700
Teaching Materials	959							959
Utensils & Tools	10,507							10,507
<b>Total Relief items, Construction, Supplies</b>	<b>101,673</b>							<b>101,673</b>
<b>Logistics, Transport &amp; Storage</b>								
Storage	1,240							1,240
Distribution & Monitoring	1,550							1,550
Transport & Vehicles Costs	10,117							10,117
<b>Total Logistics, Transport &amp; Storage</b>	<b>12,907</b>							<b>12,907</b>
<b>Personnel</b>								
International Staff	3,000							3,000
National Society Staff	2,915							2,915
<b>Total Personnel</b>	<b>5,915</b>							<b>5,915</b>
<b>Workshops &amp; Training</b>								
Workshops & Training	14,729							14,729
<b>Total Workshops &amp; Training</b>	<b>14,729</b>							<b>14,729</b>
<b>General Expenditure</b>								
Information & Public Relations	1,860							1,860
Office Costs	2,047	617				617		1,430
Communications	1,395							1,395
Financial Charges	93							93
<b>Total General Expenditure</b>	<b>5,395</b>	<b>617</b>				<b>617</b>		<b>4,778</b>
<b>Contributions &amp; Transfers</b>								
Cash Transfers National Societies		137,790					137,790	-137,790
<b>Total Contributions &amp; Transfers</b>		<b>137,790</b>					<b>137,790</b>	<b>-137,790</b>
<b>Indirect Costs</b>								
Programme & Services Support Recov	9,140	8,996				8,996		144
<b>Total Indirect Costs</b>	<b>9,140</b>	<b>8,996</b>				<b>8,996</b>		<b>144</b>
<b>TOTAL EXPENDITURE (D)</b>	<b>149,759</b>	<b>147,404</b>				<b>147,404</b>		<b>2,356</b>
<b>VARIANCE (C - D)</b>		<b>2,356</b>				<b>2,356</b>		