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## Disaster relief emergency fund (DREF) Mozambique: Tropical Storm Dando

 International Federation  
of Red Cross and Red Crescent Societies

**DREF operation n° MDRMZ009**  
**GLIDE n° TC-2012-000008-MOZ**  
**31 January, 2012**

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 and Red Crescent emergency response. 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.

**CHF 297,349 has been allocated from the IFRC's Disaster Relief Emergency Fund (DREF) to support the Red Cross Society of Mozambique (CVM) in delivering immediate assistance to 4,000 of the most vulnerable households in the six provinces affected (Nampula, Zambézia, Sofala, Maputo City, Gaza, and Maputo Province) and to further assess the needs in the the most affected areas. Unearmarked funds to repay DREF are encouraged.**



A portion of the National Road n° 1 flooded in Maputo Province/ photo CVM

**Summary:** The requested DREF is aimed at assisting the National Society to mitigate the effects of floods that was caused by the category 1 tropical storm *Dando* accompanied by strong winds reaching up to 70km/h. The floods are reported to have affected more than 8,000 households in the country. The DREF has been requested to respond to the situation in Mozambique to support activities addressing immediate relief needs in sectors of shelter, health, and sanitation for about 4,000 households.

The preliminary information from the National Disaster Management Institute reports 20 deaths among the 8,000 affected households in the six affected Provinces. According to the Institute, above normal rains are expected during the January – March period and the National Directorate of Water has also issued a warning regarding increased water discharge from the country's main dams, which can be expected to add to the damage already caused by the tropical storms.

This operation is expected to be implemented over 3 months, and to be completed by April 2012. A Final Report will be made available three months after the end of the operation (by July 2012).

[<click here for the DREF budget; here for contact details>](#)

## The situation

The country was hit by a category 1 Tropical storm *Dando* in mid January 2012, accompanied by strong wind and above normal rainfall that caused flooding and damage to houses, schools, and the road network in the six affected provinces of Nampula, Zambézia, Sofala, Maputo City, Gaza, and Maputo Province. The situation was also exacerbated by heavy rains experienced in the upland areas of Swaziland and South Africa that increase water levels in the channels leading to Maputo, Umbeluzi and Incomati river basins, causing flooding in the lowland areas of Magude and Chokwe.

Water flows in the Incomati Basin increased from 80m<sup>3</sup>/s to 830m<sup>3</sup>/s during 17-18 January and the Limpopo River flow rose from 20m<sup>3</sup>/s up to 3,200m<sup>3</sup>/s which is above the alert flow of 3,000 m<sup>3</sup>/s. The Massingir Dam has also increased the amount of water being released from 25m<sup>3</sup>/s up to 5200m<sup>3</sup>/s due to heavy flow to maintain the storage capacity, according to the National Directorate of Water. The increased water discharge from the dam caused flooding in the districts of Magude and Sabie (Maputo Province) and Chokwe (Gaza province). In the North, the Messalo Basin has risen above the alert level due to moderate to heavy rainfall (National Directorate of Water).

In the south of the country, the National Civil Protection Unit is currently assisting people to cross the road which has been cut off in Maputo Province (Manhiça District) as a result of the heavy rains. Efforts are being made so as to re-establish the road. The National Road N<sup>o</sup> 1 is the main and unique road link between the south, centre and north of Mozambique.

According to the Mozambique's National Disaster Management Institute bulletin for 2012, it is expected that during the period January-February-March (JFM) 2012, normal to above normal rainfall would be registered throughout the country with the exception of Cabo Delgado, Nampula and part of the northern province of Zambézia.

On 16 January 2012, the Mozambique's Technical Council of Disaster Management (CTGC) (which includes the Red Cross) convened a meeting and declared an 'orange' alert to the nation that alerted all humanitarian actors to provide assistance to the affected communities.

Currently, the situation continues to unfold and it is expected that the situation will get worse as more communities are being evacuated by the National Civil Protection Unit. A total of 8,000 households have been reported affected by floods by the National Disaster Management Institute. However, the country's contingency plan has been activated based on an estimate of twice this number. A total of 20 deaths have been confirmed in the country as a result of the floods.

## Coordination and partnerships

Since the 16<sup>th</sup> of January, Mozambique's Technical Council of Disaster Management (CTGC), together with members of the Humanitarian Country Team (HCT) and the Mozambique Red Cross (CVM) are holding daily coordination meetings so as to coordinate the response actions in the affected areas.

Based on the recommendations of the GTGC, government has declared an 'orange' alert to ensure that all humanitarian actors activate their response plans and provide required assistance to the population in the affected areas.

CVM has been participating in multi-sectoral assessment missions in the affected areas. At Regional level the IFRC office provides technical support in Disaster Management, Health, Communication and Resources Mobilization, while PIROI—the Indian Ocean Island disaster management platform—provides logistics support.

## Red Cross and Red Crescent action

With support from the DREF, CVM aims to continue conducting needs and damage assessments in the areas affected by floods and cyclones as well as to deploy NDRT trained staff<sup>1</sup> and volunteers to the affected areas. They will facilitate assessments and coordinate relief activities, as well as take part in the emergency response operations.

The following activities are currently being undertaken by CVM:

1. The CVM has activated its Emergency Response Task Force and meetings are held on a daily basis in order to share information from the provincial branches for decision making on possible intervention. CVM has also been attending daily coordination meetings chaired by The National Disasters Management Institute at all levels and is taking part in HTC meetings within the framework of the cluster approach;
2. In Maputo, 12 staff members from the CVM headquarters joined the assessment team in Manhiça district in order to monitor the situation in the district where a provisional accommodation centre has been established for 13 families in Palmeiras Administrative Post. As a result, the following was distributed to the 13 families in the accommodation centre with the support of 5 CVM volunteers:
  - Water chlorination for 44 people;
  - Provision of drinking water for 5,000 people along the National Road N° 1. The people were waiting for the repair of portion of the road that had been cut off as they wanted to cross to the other side of the road;
  - Provision of first aid assistance to 89 people and transfer of 7 people to the first aid post established by the health Ministry where 2 nurses and 1 doctor had been deployed;
  - Provision of 17 tarpaulins, 13 kitchen sets, 26 mosquito nets, 26 blankets, 26 pieces of bathing soaps, 26 jerry cans, 5 buckets, 500 boxes of chlorine, 6 slabs and 6 shelter kits.
3. Staff and volunteers are currently involved to monitor the situation and share information with partners, including IFRC; PIROI, and others. Of particular concern is information on the health status of the affected population, bearing in mind the possibility of outbreaks of waterborne diseases;
4. At Maputo City Branch, a group of volunteers is involved in the provision of water and sanitation in the 2 accommodation centres established by the government in Maputo City where a total of 450 people are sheltered. CVM made available 5 tarpaulins which were used in the centres. Other volunteers with different skills (water rescue using boats, First Aid, needs assessment, water chlorination) are currently on standby in other affected provinces so as to provide assistance as required;

Apart from the relief items that had been pre-positioned by CVM in previous operations, CVM aims to use the relief items made available by PIROI in 2011.

### The needs

**Beneficiary selection:** The beneficiaries will be selected taking into account the most vulnerable people among those affected, including handicapped people, orphan and vulnerable children, pregnant women, women who are heads of households and the elderly in the affected areas.

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<sup>1</sup> CVM has 15 staff members trained in its national disaster response team (NDRT).

## The proposed operation

Given the current situation in the south and centre of the country and the fact that the government has declared an 'orange' alert, CVM activities will focus on relief provision as well as further needs assessment to be conducted by CVM staff and volunteers. CVM efforts will complement those of the government and other humanitarian players in the provision of relief assistance to around 20,000 people (4,000 families).

The intervention areas will be selected taking into account aspects of coordination with other humanitarian stakeholders—mainly the National Disaster Management Institute—thus avoiding duplication of efforts and helping ensure the effectiveness of the activities to be carried out by CVM.

### Relief distributions (food and basic non-food items)

**Outcome: 10,000 people (2,000 households) flood-affected persons are provided with emergency assistance for a period of one month with on-going evaluation to determine if further assistance is required.**

Outputs (expected results)	Activities planned:
2,000 households are provided with appropriate non food items	<ul style="list-style-type: none"> <li>• Deploy and RDRT and NDRT to conduct detailed emergency needs and capacity assessments in Maputo, Gaza, Inhambane and Zambézia provinces and start up relief operation.</li> <li>• Develop beneficiary targeting strategy and registration system to deliver intended assistance.</li> <li>• Set up the regional emergence operative centres in the affected area and supply them with office working materials.</li> <li>• Distribute NFI items to 10,000 affected people, equivalent to 2,000 families.</li> <li>• Monitor and evaluate the relief activities and provide reporting on relief distributions.</li> </ul>

### Emergency shelter

**Outcome: 2,000 affected households are provided with adequate shelter during the emergency period.**

Outputs (expected results)	Activities planned:
The targeted 2,000 displaced families are provided with shelter materials.	<ul style="list-style-type: none"> <li>• Conduct shelter kit training sessions;</li> <li>• Conduct damage and needs assessments and distribute 2,000 shelter tool kits to affected households whose houses have been completely destroyed;</li> <li>• Set up tents and/or provide shelter using shelter tool kits.</li> </ul>

## Water, sanitation, and hygiene promotion

**Outcome: The risk of water-borne and water-related diseases (including cholera) is reduced through the provision of safe water, adequate sanitation facilities and hygiene promotion to 13,500 people (2,700 families) displaced or relocated to accommodation centres and particularly in provinces affected by cholera.**

Outputs (expected results)	Activities planned:
Safe water is provided to 2,700 families while damaged systems are restored.	<ul style="list-style-type: none"> <li>• Assess the existing coverage with a view of ensuring availability of an adequate water supply;</li> <li>• Provide potable water for 2,700 families (flood and cyclone affected people) in Maputo, Gaza, Inhambane and Zambézia provinces;</li> <li>• Conduct training/information programmes for Red Cross volunteers and beneficiaries, in particular on new Sphere guidelines and on safe use of chlorination tablets;</li> <li>• Treat 10,125 litres per day of water and distribute to affected communities for 90 days (three months);</li> <li>• Provide one jerry cans and one bucket to 2.000 families to flooded affected families;</li> <li>• Provide water purification tablets for 3 months (40 litres of drinking water/family/day, i.e., 180,000 tablets will be needed for 3,600,000 litres of water.</li> <li>• Disinfect the contaminated water points;</li> </ul>
Appropriate sanitation, including excreta disposal, solid waste disposal and drainage, is provided to 2,700 families in the affected for three months.	<ul style="list-style-type: none"> <li>• Assist with the construction of 675 temporary latrines (1 latrine for 20 people);</li> <li>• Facilitate vector control and prevention measures in collaboration with government and Creating defecation fields.</li> <li>• Provide domestic solid Waste disposal facilities.</li> </ul>
The health status of the population is improved through behaviour change and hygiene promotion activities.	<ul style="list-style-type: none"> <li>• Provide information, education and communication (IEC) materials on hygiene promotion (printed posters, flyers, manuals, educational materials).</li> <li>• Conduct hygiene promotion campaigns within the affected population, focusing on behaviour change.</li> </ul>

## Emergency health

**Outcome: Reduced risk of communicable diseases (including malaria) through community health activities focusing on the community-based health and First Aid (CBHFA) approach.**

Outputs (expected results)	Activities planned:
The health status of the affected population is improved through early detection and prevention measures.	<ul style="list-style-type: none"> <li>• Deploy and monitor community-based volunteers on CBHFA and hygiene promotion;</li> <li>• On-going monitoring of malaria and other public health risks due to flooding;</li> <li>• Set up First Aid Posts as required;</li> <li>• Distribute 8.000 mosquito nets to 4,000 families;</li> <li>• Purchase 16 Kit C for 400 families;</li> <li>• Purchase 12.000 ORS sachets for 4.000 families;</li> <li>• Carry out health education campaigns within the affected areas focusing on the prevention of malaria, cholera and other water-borne diseases;</li> <li>• Support and provide printed and other materials to be used in the health promotion campaign (such as posters, flyers, manuals, educational materials).</li> </ul>

## Contact information

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

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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 Humanitarian 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.

# DREF OPERATION

31-01-12

Mozambique: Tropical storm *Dando*

MDRMZ009

<b>Budget Group</b>	<b>DREF Grant Budget CHF</b>
Shelter - Relief	76,780
Shelter - Transitional	0
Construction - Housing	0
Construction - Facilities	0
Construction - Materials	0
Clothing & Textiles	38,426
Food	0
Seeds & Plants	0
Water, Sanitation & Hygiene	30,330
Medical & First Aid	20,757
Teaching Materials	600
Utensils & Tools	14,300
Other Supplies & Services	1,600
Emergency Response Units	0
Cash Disbursements	0
<b>Total RELIEF ITEMS, CONSTRUCTION AND SUPPLIES</b>	<b>182,793</b>
Land & Buildings	0
Vehicles Purchase	0
Computer & Telecom Equipment	0
Office/Household Furniture & Equipment	0
Medical Equipment	0
Other Machinery & Equipment	0
<b>Total LAND, VEHICLES AND EQUIPMENT</b>	<b>0</b>
Storage, Warehousing	2,000
Distribution & Monitoring	3,454
Transport & Vehicle Costs	33,380
Logistics Services	0
<b>Total LOGISTICS, TRANSPORT AND STORAGE</b>	<b>38,834</b>
International Staff	0
Regionally Deployed Staff	13,000
National Staff	0
National Society Staff	15,125
Volunteers	10,100
<b>Total PERSONNEL</b>	<b>38,225</b>
Consultants	0
Professional Fees	0
<b>Total CONSULTANTS &amp; PROFESSIONAL FEES</b>	<b>0</b>
Workshops & Training	0
<b>Total WORKSHOP &amp; TRAINING</b>	<b>0</b>
Travel	6,000
Information & Public Relations	4,899
Office Costs	3,450
Communications	3,500
Financial Charges	1,500
Other General Expenses	0
Shared Support Services	0
<b>Total GENERAL EXPENDITURES</b>	<b>19,349</b>
Programme and Supplementary Services Recovery	18,148
<b>Total INDIRECT COSTS</b>	<b>18,148</b>
<b>TOTAL BUDGET</b>	<b>297,349</b>