

DREF operation



International Federation
of Red Cross and Red Crescent Societies

Mozambique Floods and Cholera Operation 2011

DREF operation n° MDRMZ008
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The International Federation's 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 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.

CHF 345,207 is being requested from the Federation's Disaster Relief Emergency Fund (DREF) to support the national society in delivering immediate assistance to some 20,000 people (4,000 households, 1,000 NFI/Shelter, 3,000 WatSan) in response to floods and cholera. Unearmarked funds to repay DREF are encouraged.

Summary: The southern and central provinces of Mozambique (Maputo City, Maputo Province, Gaza, Inhambane, Manica, Sofala, Tete and Zambézia) have been experiencing heavy rainfall since December 2010. The situation is exacerbated by the rains which are also being experienced in the neighbouring countries of South Africa, Zambia and Zimbabwe.

This operation is expected to be implemented over 3 months, and will therefore be completed by April 2011. A Final Report will be made available two months after the end of the operation (by June 2011). Details of all donors can be found on:

<http://www.ifrc.org/what/disasters/responding/drs/tools/dref/donors.asp>

[<click here for the DREF budget,](#)
[here for contact details,](#)
[or here to view the map of the affected area>](#)



CVM (Mozambique Red Cross) volunteers monitoring the situation together with partners in the Incomati River Basin (photo CVA)

The situation

On 25 January 2011, the government of Mozambique declared an institutional 'red alert' for the flood situation in the affected areas due to the heavy rainfall that is being experienced along the Maputo, Incomati, Limpopo, Save, Buzi, Pungué and Zambezi River Basins covering the southern and central provinces of Maputo, Gaza, Inhambane, Manica, Sofala and Zambézia. In addition, the government of Mozambique has advised all its partners who operate in emergencies to be ready for any eventuality of floods. Therefore, according to the National Hydrological Bulletins issued by the National Directorate of Water, the Limpopo river in Chókwè and Combomune and Zambezi river in Caia and Marromeu are above alert level with a tendency to increase, while the Incomati Basin in Magude, Maputo in Madubula and Púngoè in Inhazónia are above alert level but with a tendency to reduce. In the remaining river basins, the water levels are oscillating with a tendency to increase but they are still below flood alert level.

According to the same source, the persistent heavy rains in neighbouring countries of Malawi, South Africa, Zambia and Zimbabwe have led to extremely high water levels in the Zambezi, Limpopo and Save Rivers and their tributaries, as well as in the Cahora Bassa Dam and Massingir Dam reservoirs, which have been discharging 1,900m³/s and 1,400m³/s, respectively. In the Búzi Basin, it is expected that the water level will increase drastically and might reach the alert level in Dombe. Rainfall in the neighbouring countries may further increase the water levels in the above-mentioned river basins.

The latest figures released by the Government indicate that more than 30,000 people have been affected in the provinces of Maputo, Gaza, Inhambane, Manica, Sofala, Tete and Zambézia (some people have seen damage to their homes built from local materials such as wooden poles, mud and grass destroyed or have been evacuated to safer areas due to floods and heavy winds). In Maputo, more than 100 people are currently sheltered in 4 temporary accommodation centres established by the government. At least 11 people have been killed.

Government authorities quoted by Noticias Newspaper dated 24th January 2011 indicate that flooding in the Save and Púngoè Basins have already started affecting the populations living along those valleys and their tributaries. At least 3 primary schools are reported to have been closed in Nhamatanda District. The same source indicated that Massangena District in Gaza is also isolated from the rest of the Province since the road that links the Massangena District with Chicualacuala District is flooded mainly between Macarretane and Mapai. In addition, thousands of hectares of crops have been washed away. It should be noted that the Government Contingency Plan designed by INGC¹ estimates that 191,000 people living in flood prone areas are at potential risk of floods until the end of March 2011 in the country.

Meanwhile, according to the National Meteorological Institute, forecasts predict continued rains in-country as well as in neighbouring countries (namely Zambia, Zimbabwe and South Africa), highlighting again the risk of increased discharges from the Kariba Dam in Zambia and Cahora Bassa and Massingir dams in Mozambique.

Concerning cholera outbreaks, the latest information released by the Epidemiology Department from the Ministry of Health indicates that since the beginning of the year a total of 325 cases have been reported with 13 deaths in Monapo District. Overall, 13 districts are already notifying cases of cholera, notably: Cabo Delgado (districts of Ancuabe, Pemba, Montepuez, Metuge and Chiure; Nampula (districts of Erati, Momba, Meconta, Mossuril, Mongicual, Nacaroa and Monapo; Manica (Chimoio City).

Coordination and partnerships

The Government of Mozambique has taken a strong lead in the coordination of emergency response in the country through the INGC. The CVM has been complementing the efforts of the Government in relief operations, by working closely with the INGC. The INGC has been facilitating coordination meetings on a regular basis attended by all stakeholders including government departments, non-governmental organisations and CVM since the beginning of the rainy season. Information on the current situation is being shared with the various government departments and other partners through the reactivated National Centre for Emergency Operations (CENOE).

CVM took part in various simulation exercises designed to prepare people for emergencies as part of operationalization of the Government Contingency Plan, notably: a simulation exercise focused on earthquakes and urban disasters held in two main secondary schools of Maputo City on the 28th of May; a

¹ National Institute of Disaster Management

simulation exercise on search and rescue held in Caia (Sofala Province) in September and a simulation exercise on floods, held in the Lower Limpopo Basin in December involving the communities of the districts located upstream the Limpopo Basin, namely Chókwe, Guijá, Chibuto and Xai-Xai.

In addition to the above, CVM updated its contingency plan and pre-positioned very small quantities of relief supplies in some flood prone districts. Nevertheless, there is still a great need for pre-positioning relief items in the central provinces of Sofala, Manica, Tete and Zambézia (figures indicated on the attached budget).

At provincial level, CVM collaborates with the Provincial Emergency Operations Centres (COE) in Maputo, Inhambane, Gaza, Manica, Sofala, Tete and Zambézia Provinces. At the headquarters level, CVM has reactivated the emergency operation group comprising staff members from disaster management department, health, social support, water and sanitation sectors and the senior management and meetings are held on every 2 days for sharing information and/or for decision-making purposes. The group is chaired by the CVM Secretary General. In cases when government declares full scale 'red alert,' meetings are held more regularly and the CVM branches also establish task forces which meet regularly to plan and review progress on the relief actions.

In the response to cholera outbreaks in the country, CVM has been complementing the Ministry of Health in the treatment and control of the disease. In coordination with the other humanitarian organisations and local government authorities, CVM provides assistance in terms of prevention, education, water chlorination, medicine, oral rehydration solutions (ORS) and cleaning materials and sometimes assistance in the Cholera Treatment Centres (CTCs). CVM is part of the Provincial Cholera Emergency Coordination body and has been participating in coordination meetings at all levels in order to plan, implement and share information with other stakeholders. CVM also participates at all coordination meetings held by the Ministry of Health at all levels.

At Regional level, the Federation office provides technical support in DM, Health, Communication and resources mobilization. While PIROI, the Indian Ocean Island DM platform, is providing logistics support and will provide technical back up when required.

Red Cross and Red Crescent action

With support from the DREF, CVM aims to conduct an in-depth needs and damage assessment in the affected provinces by floods and cholera as well as deploy RDRT trained staff and volunteers at the regional operational centres in Caia and Vilankulo so as to facilitate assessments and coordinate relief activities. The staff and volunteers will also be deployed to take part in the emergency response operations. Chibuto, Chokwe and Chilembene Districts in Limpopo basin were chosen as strategic operation centres by CENOE.

The CVM provincial branches of Maputo (City and Province), Gaza, Inhambane, Manica, Sofala, Tete and Zambézia are under alert and are continuously monitoring the situation in coordination with the local authorities and local disaster emergency committees. A total of 205 CVM volunteers are currently on standby in the affected areas, whilst more are being mobilised.

The following activities are currently being undertaken by CVM:

- Monitoring the situation and sharing information with the IFRC; PIROI and other partners, including monitoring the health status of affected population bearing in mind the possibility of occurrence of water borne disease outbreaks;
- Conducting and/or taking part in damage and needs assessments integrated in multi-sectoral teams led by INGC;
- Attending daily coordination meetings chaired by INGC at all levels as well as taking part in humanitarian country team (HCT) meetings within the framework of the cluster approach;
- Sensitizing people living in the flood prone areas about relocating to safer areas (15 volunteers from Maputo Province, Manhiça District Committee are taking part);
- Distributing non-food relief items and basic shelter material and kits (a total of 14 tents and 1 kitchen set have been distributed);
- Providing basic health care, as well as support to the Ministry of Health;
- Disseminating intensive hygiene promotion campaigns to prevent the spread of waterborne diseases;
- CVM has already made available 31 tents for the establishment of 4 accommodation centres in Maputo City. 10 volunteers are providing assistance in the 4 accommodation centres and were involved in

erecting tents for the setting up of the accommodation centres, whilst the rest are involved in social mobilisation, hygiene promotion and water chlorination.

- 4 tents have also been made available in Chimoio for the setting up of CTCs as well as 7 protection kits (gloves, aprons and protection masks) for the local hospital.

The needs

Beneficiary selection: The beneficiaries will be selected taking into account the most vulnerable people within the group, mainly handicapped people, orphan and vulnerable children, pregnant women, women who are heads of households and the elderly who have been affected by floods in the above-mentioned districts.

Outreach: In order to carry out the operation and given the fact that the National Society is currently experiencing a shortage of vehicles, support in terms of transport would be indispensable for the success of the operation in all flood and/or cholera affected provinces.

The proposed operation

Given that the government has declared a 'red alert' on 25 January, the focus of CVM activities will mainly be on needs assessment to be conducted by CVM staff and volunteers. It is expected that assistance would be provided to around 20,000 people (4,000 households, 1,000 NFI/Shelter, 3,000 WatSan).

Related to cholera the intervention will be focused on prevention through social mobilization in order to avert an increase in the number of cases and ensure the treatment of registered cholera cases.

The intervention area will be selected taking into account aspects of coordination with other humanitarian stakeholders and mainly the government's INGC National Disaster Management Institute, thus avoiding duplication of efforts and allowing more effectiveness of activities to be carried out by CVM.

As per the regional DM strategy of intensifying mobilization of local resources during disasters, the Mozambique Red Cross is preparing to launch a national appeal for both relief items and cash donations.

Relief distributions (Non-food items)

Objective: 5,000 (1,000 families) 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.

Activities planned:

- Conduct rapid emergency needs and capacity assessments in Maputo, Gaza, Inhambane, Manica, Sofala and Zambezia provinces, mainly in Maputo city, Manhiça, Matola, Magude, Xai-Xai, Chókwe, Chimoio, Mussorize, Tambara and Nicoadala Districts;
- Develop beneficiary targeting strategy and registration system to deliver intended assistance;
- Set up the regional emergency operative centres in the affected area and supply them with office working materials;
- Distribute NFI items to 5,000 affected people, equivalent to 1,000 families;
- Monitor and evaluate the relief activities and provide reporting on relief distributions.

Emergency Shelter

Objective: 1,000 affected households are provided with adequate shelter during the emergency period.

Activities planned:

- Coordinate in-country Shelter Cluster in the capacity as the in-country lead agency;
- Conduct shelter kit training sessions;
- Conduct damage and needs assessments and distribute 1000 shelter materials to affected households whose houses have been completely destroyed.

Water, sanitation, and hygiene promotion

Objective: 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 15,000 people (3,000 families) displaced or relocated to accommodation centres and particularly in provinces affected by cholera.

Activities planned:

- Assess the existing coverage with a view of ensuring availability of an adequate water supply;
- Provide potable water, appropriate sanitation and hygiene promotion for 3,000 families (cholera and flood affected) in Maputo Province (districts of Manhiça, Magude and Matola); Gaza (Xai-Xai, Chibuto, Chókwe and Guiá); Manica (Chimoio, Mussorize and Tambara), Zambézia (Mopeia and Nicoadala); Cabo Delgado (Ancuabe, Pemba, Montepuez, Metuge and Chiure); Nampula (Erati, Memba, Meconta, Mossuril, Mongicual, Nacaroa and Monapo);
- Conduct training/information programmes for Red Cross volunteers and beneficiaries, in particular regional hygiene promotion and the safe use of Water Treatment Products (chlorination tablets);
- Assist with the construction of 500 temporary latrines;
- Treat 180,000 litres per day of water and distribute to affected communities for 90 days (three months);
- Provide one jerry cans and one bucket to 1,000 families (out of the 3,000) to flooded affected family;
- Conduct hygiene promotion campaigns within the affected population, focusing on behaviour change;
- Disinfect the contaminated water points;
- Provide information, education and communication (IEC) materials on hygiene promotion (printed posters, flyers, manuals, educational materials).

Emergency health

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

Activities planned:

- Deploy and monitor community-based volunteers on CBHFA and hygiene promotion;
- On-going monitoring of malaria and other public health risks due to flooding;
- Distribute 3 mosquito nets to 1,000 families;
- Set up First Aid posts as required;
- Carry out health education campaigns within the affected areas focusing on the prevention of malaria, cholera and other water-borne disease;
- Support and provide printed and other materials to be used in the health promotion campaign (such as posters, flyers, manuals, educational materials).

How we work

All International Federation 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 is committed to the [Humanitarian Charter and Minimum Standards in Disaster Response \(Sphere\)](#) in delivering assistance to the most vulnerable.

The International Federation's activities are aligned with its Global Agenda, which sets out four broad goals to meet the Federation's mission to "improve the lives of vulnerable people by mobilizing the power of humanity".

Global Agenda Goals:

- Reduce the numbers of deaths, injuries and impact from disasters;
- Reduce the number of deaths, illnesses and impact from diseases and public health emergencies;
- Increase local community, civil society and Red Cross Red Crescent capacity to address the most urgent situations of vulnerability;
- Reduce intolerance, discrimination and social exclusion and promote respect for diversity and human dignity.

Contact information

For further information specifically related to this operation please contact:

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[<DREF budget and map below; click here to return to the title page>](#)

APPEAL BUDGET SUMMARY

Mozambique

DREF Floods and Cholera Operation (MDRMZ008)

ORIGINAL

RELIEF NEEDS

| | |
|---------------------------------|--------|
| Shelter | 60,928 |
| Construction Materials | 0 |
| Clothing & Textiles | 30,426 |
| Food | 0 |
| Seeds & Plants | 0 |
| Water & Sanitation | 37,210 |
| Medical & First Aid | 47,759 |
| Teaching Materials | 3,000 |
| Utensils & Tools | 49,750 |
| Other Supplies & Services | 3,000 |
| Emergency Response Units (ERUs) | 0 |

Total Relief Needs

232,072

CAPITAL EQUIPMENT

| | |
|-------------------------------------|---|
| Land & Buildings | 0 |
| Vehicles Purchase | 0 |
| Computers & Telecom Equipment | 0 |
| Office/Household Furniture & Equip. | |
| Medical Equipment | 0 |
| Other Machinery & Equipment | 0 |

TRANSPORT, STORAGE & VEHICLES

| | |
|----------------------------|--------|
| Storage - Warehouse | 5,600 |
| Distribution & Monitoring | 23,006 |
| Transport & Vehicles Costs | 13,122 |

PERSONNEL

| | |
|---------------------------|--------|
| International Staff | 2,050 |
| Regionally Deployed Staff | 0 |
| National Staff | 11,350 |
| National Society Staff | 13,530 |
| Consultants | 0 |

WORKSHOPS & TRAINING

| | |
|----------------------|-------|
| Workshops & Training | 4,227 |
|----------------------|-------|

GENERAL EXPENSES

| | |
|--------------------------------|-------|
| Travel | 2,299 |
| Information & Public Relations | 8,513 |
| Office running costs | 3,000 |
| Communication Costs | 4,519 |
| Professional Fees | 0 |
| Financial Charges | 849 |
| Other General Expenses | 0 |
| Depreciation | 0 |
| Shared Services | |

PROGRAMME SUPPORT

Programme Support - PSSR

21,069

SERVICES & RECOVERIES

Services & Recoveries

| | |
|--|----------------|
| Total Operational Needs | 113,135 |
| Total Appeal Budget (Cash & Kind) | 345,207 |
| Available Resources | |
| Net Request | 345,207 |
