

Final report



International Federation
of Red Cross and Red Crescent Societies

Zambia: Solwezi and Mpulungu Floods

Final report
Emergency appeal n° MDRZM004
GLIDE n° FL-2007-000011-ZMB
27 May, 2008

Period covered by this Final Report:
16 January 2007 to 30 September 2007

Appeal target: CHF 798,072 (USD 654,157 or
EUR 495,696);

Final Appeal coverage: 37%; [<click here to go directly to the final financial report, or here to view the contact details>](#)

Appeal history:

- CHF 54,000 was initially allocated from the Federation's Disaster Relief Emergency Fund (DREF) to support the National Society in responding by delivering assistance.

Summary: The Zambia Floods operation in Solwezi and Mpulungu operation was closed in December 2007 after assisting a total of 1,250 families provided with clean water from the seven constructed boreholes. The initial appeal target was 1,000 families and due to the increase in vulnerable, the National Society reached out to more families. In addition, a total of 2,030 pupils benefited from the sanitation facilities (Ventilated improved pit (latrines) constructed at the community schools. Zambia Red Cross Society (ZRCS) trained 28 volunteers in three districts who managed to reach out to the targeted population with hygiene promotion campaigns, as well as distributing liquid and granular chlorine for treatment of contaminated water.



Zambia Red Cross staff and volunteers and the beneficiaries inspecting a rehabilitated water point (borehole) in Luangwa District (**Zambia Red Cross**)

The situation

In December 2006 and January 2007, Zambia experienced torrential rainfall, which caused flooding in the Northern and North-Western parts of the country. Localised flooding was more severe in Chavuma, Zambezi, Luangwa, Mpulungu and Solwezi districts. A report from the damage assessment conducted by the Disaster Management and Mitigation Unit's Vulnerability Assessment Committee (VAC) in February and March 2007 revealed that flooding affected approximately 1.4 million people in 41 districts. The localised floods caused damage to houses, water supply and sanitation facilities, economic infrastructure such as bridges and roads. Part of the affected area was made inaccessible by road transport. The floods also caused significant destruction to crops, a situation that undoubtedly affected the food security in the affected provinces.

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With support from the Federation, Zambia Red Cross Society (ZRCS) implemented the relief operation in collaboration with the government, non-governmental organisations (NGOs) such as Concern International, International Organisation of Migration (IOM), and the UN Agencies such as UN Office of Coordination and Humanitarian Affairs (OCHA), World Food Programme (WFP), Food Agricultural Organisation (FAO), United Nations International Children Emergency Fund (UNICEF), World Health Organisation (WHO) and United National Development Programme (UNDP).

In the field, the District Disaster Management Committees coordinated the activities with ZRCS branches as the primary implementing partners. The main challenge was the timely compilation of quantitative information on the impact of the disaster, because the DMMU capacity was overstretched by the magnitude of disaster.

Red Cross and Red Crescent action

The International Federation of Red Cross and Red Crescent Societies provided the initial funding support through a DREF allocation of CHF 54,000. This enabled the National Society to conduct field assessments and to provide the immediate relief assistance. With assistance of the DREF, ZRCS conducted the following:

- Provided temporary shelter by distributing 380 tents in Solwezi and 400 in Mpulungu;
- Conducted community-based health and hygiene education and sensitization to avert cholera outbreak;
- Trained 40 volunteers in hygiene promotion activities and provided with protective clothing;
- Distributed 1,200 x 250ml bottles of domestic chlorine for water treatment;
- Distributed 100 x 25kg bags of maize meal in Mpulungu.

Due to the deteriorating situation, the increased needs prompted ZRCS to launch an appeal on 20 March 2007 through the International Federation of Red Cross and Red Crescent, seeking CHF 798,072 for a relief operation to be implemented in six months. The appeal received a total of CHF 298,716 funding supports from Canadian, Japanese, Monaco and Swedish Red Cross Societies, with part of it from the Red Cross International Aid Trust Fund of Canada and Swedish Red Cross. Through a separate Memorandum of Understanding (MoU), some USD 50,000 was donated by the USAID to support the emergency water and sanitation activities in Luangwa district.

Achievements

The emergency appeal was only 37% covered, which meant that the plan of action was adjusted according to the available funds. The relief operation was therefore focused on ensuring the provision of clean water and adequate sanitation facilities in the three districts namely Luangwa, Sesheke and Chavuma.

Water and Sanitation and Hygiene Promotion	
Objective: Ensure access to adequate safe and clean water, sanitation facilities and hygiene promotion to 1,000 households affected by the floods in Chavuma district (North Western province), Luangwa district (Lusaka province) and Sesheke district (Southern province) meeting the minimum Sphere Standards.	
Expected results	Activities planned
The affected population have adequate access to clean water and sanitation.	<ul style="list-style-type: none"> • Training 30 volunteers in water treatment and hygiene promotion techniques. • Distribute 25,000 bottles of chlorine (250ml) to households and health facilities. • Provide safe and clean water through household water treatment campaigns. • Conduct general health education and hygiene promotion in three districts. • Drill and/or rehabilitating 20 boreholes in host communities and/or resettlements sites. • Construct temporary bathing shelters in resettlements camps in line with SPHERE minimum standards • Construct and/or rehabilitating 70 pit latrines in host communities and/or resettlements sites.

Progress/Achievements

The activities began with an in-depth assessment in three of the 14 affected districts, which were conducted by the ZRCS national disaster response team (NDRT). The needs identified and the available funds guided the National Society in prioritising activities, whereby most focus went to the construction of latrines at the schools and drilling of water points (boreholes) and hygiene promotion in Luangwa, Chavuma and Sesheke.



Completed VIP latrines at Katondwe School in Luangwa District (**Zambia Red Cross**)

With community participation, two boreholes were drilled, one at Mpuka rural health centre and the other at Nyakwindi village. The boreholes increased the supply of clean water for approximately 690 people of Nyakwindi village who previously relied on two distant boreholes. The improved clean water supply, coupled with the hygiene promotion campaigns contributed to the reduction of incidences of water-borne diseases.

A total of nine latrines were completed at Luangwa, Katondwe, and Chiriwe schools in Luangwa. The 1,090 boys and 940 girls who are pupils at the three schools in Luangwa were the direct beneficiaries of clean and safer sanitary facilities. In Chavuma district, six latrines were constructed at Sanjongo, Mavili and Lukolwe schools.

The trained hygiene promoters from the affected communities (nine in Sesheke, nine in Luangwa and ten in Chavuma) conducted hygiene promotion alongside distribution chlorine for domestic water treatment.

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In Luangwa, the Red Cross volunteers reached out to 1,245 households through hygiene promotion and distributed 5,200 X 250ml bottles of chlorine. In Sesheke over the same period, the volunteers reached 130 households and distributed 625 bottles x 250ml bottles of chlorine.

Conclusion

The inadequate funding support hindered the implementation of the planned relief activities. In addition the unavailability of latrine and boreholes construction materials within the local markets delayed the completion of projects. Transportation of the construction materials not locally available was costly. In addition, the affected areas are very remote and without banking facilities such that the transfer of funds was slow. Cash was required to procure the locally available construction material such as sand.

After closure of the emergency operation, the remaining activities including the maintenance of the water-points and latrines were mainstreamed into ZRCS long-term programmes. The trained ZRCS volunteers remain a valuable asset to the NS, especially in emergency operations demanding community-based activities such as social mobilisation, hygiene promotion, water chlorination and construction of VIP latrines.

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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International Federation of Red Cross and Red Crescent Societies

MDRZM004 - Zambia - Solwezi/Mpulungu Floods

Financial Report

Selected Parameters	
Reporting Timeframe	2007/1-2008/4
Budget Timeframe	2007/1-2008/4
Appeal	MDRZM004
Budget	APPEAL

All figures are in Swiss Francs (CHF)

I. Consolidated Response to Appeal

	Health & Care	Disaster Management	Humanitarian Values	Organisational Development	Coordination & Implementation	TOTAL
A. Budget		798,072				798,072
B. Opening Balance		0				0
Income						
<u>Cash contributions</u>						
<i>Canadian Red Cross (from Canadian Government)</i>		78,750				78,750
<i>Japanese Red Cross</i>		26,266				26,266
<i>Monaco Red Cross</i>		16,400				16,400
<i>Swedish Red Cross (from Swedish Government)</i>		177,300				177,300
C1. Cash contributions		298,716				298,716
C. Total Income = SUM(C1..C5)		298,716				298,716
D. Total Funding = B + C		298,716				298,716
Appeal Coverage		37%				37%

II. Balance of Funds

	Health & Care	Disaster Management	Humanitarian Values	Organisational Development	Coordination & Implementation	TOTAL
B. Opening Balance		0				0
C. Income		298,716				298,716
E. Expenditure		-297,531				-297,531
F. Closing Balance = (B + C + E)		1,185				1,185

International Federation of Red Cross and Red Crescent Societies

MDRZM004 - Zambia - Solwezi/Mpulungu Floods

Financial Report

Selected Parameters	
Reporting Timeframe	2007/1-2008/4
Budget Timeframe	2007/1-2008/4
Appeal	MDRZM004
Budget	APPEAL

All figures are in Swiss Francs (CHF)

III. Budget Analysis / Breakdown of Expenditure

Account Groups	Budget	Expenditure					TOTAL	Variance
		Health & Care	Disaster Management	Humanitarian Values	Organisational Development	Coordination & Implementation		
A							B	A - B
BUDGET (C)		798,072					798,072	
Supplies								
Shelter - Relief	281,973		32,194				32,194	249,779
Construction Materials			18,983				18,983	-18,983
Clothing & textiles	74,573							74,573
Food			242				242	-242
Seeds,Plants	83,875							83,875
Water & Sanitation	137,250		32,319				32,319	104,931
Utensils & Tools	32,025		254				254	31,771
Other Supplies & Services	9,150		27,270				27,270	-18,120
Total Supplies	618,846		111,261				111,261	507,585
Land, vehicles & equipment								
Vehicles			2,227				2,227	-2,227
Total Land, vehicles & equipment			2,227				2,227	-2,227
Transport & Storage								
Storage	5,643		18,448				18,448	-12,805
Distribution & Monitoring	13,725		8,303				8,303	5,422
Transport & Vehicle Costs	29,280		34,932				34,932	-5,652
Total Transport & Storage	48,648		61,683				61,683	-13,035
Personnel								
International Staff Payroll Benefits			60				60	-60
National Staff	9,150		9,188				9,188	-38
National Society Staff	35,395		38,600				38,600	-3,205
Total Personnel	44,545		47,849				47,849	-3,304
Workshops & Training								
Workshops & Training	9,455		20,027				20,027	-10,572
Total Workshops & Training	9,455		20,027				20,027	-10,572
General Expenditure								
Travel	2,135		3,886				3,886	-1,751
Information & Public Relation	2,135		3,274				3,274	-1,139
Office Costs	18,300		6,169				6,169	12,131
Communications	1,523		1,752				1,752	-229
Professional Fees			1,541				1,541	-1,541
Financial Charges	610		2,691				2,691	-2,081
Other General Expenses			15,832				15,832	-15,832
Total General Expenditure	24,703		35,144				35,144	-10,441
Programme Support								
Program Support	51,875		19,340				19,340	32,535
Total Programme Support	51,875		19,340				19,340	32,535
TOTAL EXPENDITURE (D)	798,072		297,531				297,531	500,541
VARIANCE (C - D)			500,541				500,541	