

# Operations update



International Federation  
of Red Cross and Red Crescent Societies

## Kenya: Floods

Emergency appeal n° MDRKE012  
GLIDE n° DR-2009-000197-KEN  
Operations Update no 2  
22 September, 2010

**Period covered by this Operations Update:** 14 July 2010 to 6 September 2010.

**Appeal history:** A preliminary appeal was launched on 14 May 2010 for CHF 7,311,822 (USD 6,908,734 or EUR 5,231,857) in cash, kind or services to support the Kenya Red Cross Society (KRCS) to assist 111,743 beneficiaries for six months, to be completed by the end of October 2010.

**Appeal coverage:** 15%;  
<[click here to go directly to the updated donor response report](#),  
or [here to link to contact details](#)>

**Summary:** Further torrential rains have been experienced in Kenya, especially in the North Rift and South Rift regions. The rains have affected hundreds of households now forced to seek temporary shelter in market centres, while some have been integrated in the community living in safer areas. An assessment carried out by KRCS indicates that more than 700 households have been affected by floods in Kwanza, North Rift Region alone.

The KRCS is currently conducting assessments in the affected areas to ascertain the extent of damage caused by flooded water. The findings will enable the National Society to determine the actual needs of the affected families and help in defining the level of response actions focusing on the provision of food and non-food items (NFI), search and rescue services, health education, water and sanitation services.

The El Nino period is usually followed by a La Nina, thus Kenya is experiencing a La Nina based on cooling of the sea surface temperatures in the central Pacific Ocean. A La Nina is associated with drier-than-normal conditions especially during October to December rainy period in eastern parts of East Africa, and with wetter-than-normal conditions in the western and northern sectors.



A policeman tries to measure the depth of the water in the Sabwani River. Photo KRCS

## The situation

According to FEWS NET a La Niña event has been declared based on the cooling of sea surface temperatures in the central Pacific Ocean. Currently the country is experiencing normal rainfall in parts of Lower Eastern, and West Kenya regions. Parts of Pokot, Turkana, Subukia, Trans Nzoia districts are experiencing above normal rainfall as a result of the La Nina.

La Niña events can also led to poor rains between March and May in the eastern part of the region. The areas at risk are those depending on the short rains for crop and pasture productions, thus mainly the northeast pastoral and south-eastern marginal agricultural areas of Kenya. In pastoral areas, below-average rains could lead to rapid depletion of resources, livestock clustering in permanent water points, limited dry-season grazing areas, reduced livestock productivity and value, thereby gradually reversing substantial food security gains.

In agricultural areas poor rains between October and December would negatively affect agricultural labour opportunities, food availability and prices. The impacts of a La Niña event in the northern and western sector of the region are likely to be less severe. Above average rains could improve crop and livestock conditions, although they could also increase the risks of flooding, soil erosion, and seasonal disease prevalence.

Although the La Niña event is considered to be moderate at this time, the severity of the event will depend on the response of sea surface temperatures in the Indian Ocean. If the warming trend in Indian Ocean SSTs continues it will moderate the precipitation impacts of the La Niña in East Africa, whereas cooling temperatures could exacerbate the trends described above.

In the northern and western sector of the region La Niña conditions are expected to cause above-normal rainfall during the August to September season. Rains may also extend to December 2010 but with an increased risk of flooding in flood-prone areas.

### Coast Region

This region was highly affected by the floods and therefore there were several evacuation camps. However, the relocated families have since gone back to their homes. Tana River District which had about 13 evacuation camps remains with only Baomo camp with 35 families, still getting food from their own farms whilst rebuilding their homes.

### South Rift

On 2 September 2010, the district officer of Rongai District accompanied the KRCS team during a floods rapid assessment to Sian Marco-Rigogo village in Summek location. The residents have settled along a surface rain water corridor with the flood waters coming from the Mau escarpment in Elburgon Division of Njoro District. The flood waters drain into Rongai River, which feeds into Molo River downstream. It is feared that flood prone areas in Mogotio along Molo River plains further downstream are also at risk unless coping strategies are put in place.

Floods were also reported on 3 September 2010 at Olkalau in Subukia where 38 households together with the internally displaced persons (IDPs) living in the area have been displaced by the floods. The affected people have been advised to move to higher ground as the waters levels keep rising. At least eight houses were completely destroyed by the raging waters. The flood waters also submerged the pit latrines making the community vulnerable to water-borne diseases threats.

Since the community relies on agriculture the floods have greatly affected them since half of the planted beans, which were beginning to sprout, were submerged. The KRCS personnel have been carrying out an assessment of the situation in the area. There are fears of an outbreak of water-borne diseases due to lack of clean drinking water.

In Kokwo Island within Lake Baringo, a rapid assessment was carried out after hailstorms hit the area. At least 11 rooftops were blown off and 11 grass-thatched houses destroyed, two classrooms and two toilets collapsed in Kokwo Primary School. Some 22 households in the area were affected.

In Sandai and Mbechot locations, 26 kilometres north east of Marigat town, 23 households with a population of 142 people were displaced by floods, a number of farms destroyed; some livestock (chicken, goats and sheep) were swept away following heavy rains that started on 30 August 2010.

### **North Rift**

The amount of rainfall received throughout August significantly increased at the beginning of September. Reports from the KRCS Trans Nzoia Branch on flooding at Namanjalala area in Kwanza District prompted a rapid assessment of the situation. KRCS carried out the assessment on 3 September 2010 and included Kabomoi, Namanjalala, Zea and Soy Mining areas.

On 3 September 2010, one death was confirmed in Saboti, Kwanza District as a result of drowning in flood waters, whilst 100 families were reported to be affected. The KRCS together with the local administration are monitoring Kabomoi, Soy mining, Mifungu B, Ndalala and Karongo areas to avert any incidences.

Approximately 100 households bordering Sabwani River have been evacuated to higher grounds. Public health officials from the Ministry of Public Health and Sanitation are on the ground and advising on health matters. In Amuka, about 50 households were moved to higher grounds and some people accommodated by neighbours on 4 September 2010. The KRCS officials are monitoring the area so as to mitigate the risks in the event of further flooding.

### **Coordination and partnerships**

The KRCS maintains strong collaboration and networking with donors, government line ministries, district steering groups and other stakeholders in carrying out interventions. The KRCS staff members and volunteers are working closely with the government's line ministries and other stakeholders to carry out assessments in order to establish the extent of damage and the number of people affected by the floods. The National Society is also working in collaboration with the Ministry of Public Health and Sanitation, and Ministry of State for Special Programmes in responding to the needs of the displaced families. Through the Emergency Operations Centre, KRCS will continue to closely monitor the flood prone areas by engaging other partners such as the National Disaster Operations Centre, and the District and Provincial Administration personnel in the country.

### **Red Cross and Red Crescent action**

The IFRC has already provided funding support in the form of DREF, which the National Society is utilizing through the procurement and distribution of relief items. KRCS will continue providing relief assistance to the families that may be affected by the current and predicted floods during the La Nina period. As predicted, some areas may be food insecure and KRCS will provide food in addition to NFIs, water treatment chemicals, hygiene promotion and sensitization on sanitation.

## Progress towards objectives

Search and Rescue	
<b>Objective: To undertake search and rescue operations in flood-affected areas.</b>	
Expected results	Activities planned
<ul style="list-style-type: none"> <li>• Extrication of persons trapped as a result of floods</li> <li>• Evacuation of persons from flooded areas to higher grounds.</li> <li>• Transfer of injured persons to hospitals</li> </ul>	<ul style="list-style-type: none"> <li>• To support standby teams in all regions for rapid deployment</li> <li>• To evacuate affected persons to safer grounds</li> <li>• To equip the search and rescue teams with basic rescue gear</li> <li>• To support operational links to other search and rescue authorities</li> </ul>

**Progress:** KRCS has been monitoring the regions already affected by the floods and those at risk of flooding as a result of the La Nina. People living along the Sabwani River in the North Rift region and in Namajalala have been evacuated to safer, higher ground and provided with relief assistance.

On 6 September 2010, the KRCS carried out a second assessment of the floods situation in Kwanza District and established the following:

Area	Affected population
Namanjalala	300
Marinda	128
Soymining	40
Ndalala	40
Amuka	30
Mifungu	20
Areas in Endebess	150
<b>Total</b>	<b>708</b>

Following the assessment, KRCS confirmed that more than 4,000 people have been affected by floods in Kwanza District.

Relief Distributions (Food and Non Food Items)	
<b>Objective: To provide food and non-food items to families affected by floods</b>	
Expected results	Activities planned
<ul style="list-style-type: none"> <li>• Emergency relief items both food and non-food reach deserving communities affected by the flood waters</li> </ul>	<ul style="list-style-type: none"> <li>• To provide food assistance to the affected communities for 1 month</li> <li>• To distribute non-food items to the affected communities</li> </ul>

**Progress:** The KRCS is conducting assessments in the affected areas in order to ascertain the extent of damage as well as the number of people who have been affected so as to provide relief. The National Society has distributed NFIs in Rongai and Subukia.

Emergency health and care	
<b>Objective: To contribute to reduction of excess morbidity and mortality caused by floods and landslides by providing preventive public health community care and basic clinical services to populations affected and displaced by floods.</b>	
Expected Results	Activities planned
<ul style="list-style-type: none"> <li>• Reduced mortality and morbidity among the populations affected and displaced by floods.</li> <li>• Provision of First Aid services as a component of search and rescue of marooned communities in floods cut off areas.</li> <li>• Improved access to basic health care services among the populations affected and displaced by floods.</li> <li>• Increased awareness on disease prevention and control by affected communities.</li> <li>• Reduced risk of outbreaks of water and vector-borne diseases as a result of enhanced disease surveillance at the community level.</li> <li>• Improved preparedness and enhanced capacity to respond to epidemics.</li> </ul>	<ul style="list-style-type: none"> <li>• Detailed assessments and mapping the existing health capacities for identification of gaps.</li> <li>• Carry out health promotion and disease prevention campaigns focusing on diseases with epidemic potential including cholera prevention, H1N1 prevention, prevention of vector-borne diseases including malaria and rift valley fever (RVF), address reproductive health issues in emergencies including transmission of HIV, promotion of safe motherhood and advocacy for prevention of sexual and gender-based violence (SGBV).</li> <li>• Support MoH in meeting basic health care needs of the flood affected population through basic clinical services and preventive care including antenatal care, postnatal care, safe delivery especially for risk pregnancies and provide reproductive health education.</li> <li>• Provide basic medical supplies (Inter agency Emergency Health Kit (IEHKs), targeting existing hospitals and clinics without supplies.</li> <li>• Procure and avail cholera kits (volunteer and medical modules) for epidemic preparedness.</li> <li>• Conduct a stakeholder mapping to determine the presence of other actors and their contribution to the health sector to avoid duplication of activities and enhance coordination.</li> <li>• Continuous monitoring, evaluation and development of operational updates.</li> </ul>

**Progress:** The KRCS is working together with the Ministry of Public Health and Sanitation officials to curb the spread water-borne diseases such as cholera by conducting health campaigns. The volunteers are conducting social mobilisation to ensure communities practice safe hygiene.

Water, sanitation, and hygiene promotion	
<b>Objective: To provide sustained access to safe water and adequate sanitation facilities and hygiene promotion for the flood affected population</b>	
Expected results	Activities planned
<ul style="list-style-type: none"> <li>• Risk mitigation on outbreak of waterborne diseases.</li> <li>• Affected population receive at least 15 litres of potable water per person per day for domestic use.</li> <li>• Adequate sanitation facilities are provided.</li> <li>• Attitude change, increased knowledge and skills on prevention of water borne diseases.</li> </ul>	<ul style="list-style-type: none"> <li>• Procure and distribute water treatment chemicals at household level.</li> <li>• Procure and distribute household water filters for marooned households.</li> <li>• Procure consumables for water treatment unit.</li> <li>• Provide water storage tanks at key strategic points.</li> <li>• Distribute sanitary platforms (SanPlats) and materials for construction of latrines.</li> <li>• Carry out refresher training on PHASTER for volunteer trainers of trainers (TOTs)</li> <li>• Deployment of PHASTER TOTs to train affected communities on hygiene and cascading of Hygiene promotion at household level.</li> </ul>

**Progress:** The KRCS also collaborates with the Ministry of Public Health and Sanitation officials in providing PHAST training in the floods affected areas. This is to prevent communicable diseases affecting people especially in areas where sanitation facilities were destroyed or where there is insufficient water.

In the flooded areas, sanitation facilities have been submerged. Therefore, water points close to the river have been contaminated. In response, KRCS volunteers are assisting the communities with water treatment and safe storage. In addition, the communities are being sensitised on proper use of the available sanitation facilities.

**Logistics**

**Objective: Offer logistical support in terms of primary and secondary transportation of food and non-food relief, as well as stock relief items in warehouses in the field for easy access by beneficiaries at all times.**

Expected results	Activities planned
<ul style="list-style-type: none"> <li>• Efficient dispatch of food and NFIs to the final distribution points.</li> <li>• Efficient and effective logistical support to the operation.</li> <li>• Staff and volunteers transport available.</li> </ul>	<ul style="list-style-type: none"> <li>• Provide primary and secondary transportation of 700MT of food and NFIs.</li> <li>• Coordinate the distribution of food and NFIs</li> <li>• Provide transport for KRCS staff members and volunteers involved in the operation.</li> </ul>

**Progress:** The KRCS logistics team supported by the IFRC East Africa Regional Representation Office has been assisting with the coordination and management of the distribution process and points. The team is working with volunteers particularly at distribution points, where the volunteers are key in beneficiary verification.

**Communication and Advocacy**

The KRCS public relations department has been providing updates to media stations to ensure accurate information is being transmitted. The National Society is working together with the Government to address the plight of the people affected by floods.

## 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:**

- **In Kenya:** Mr. Abbas Gullet, Secretary General, Kenya Red Cross Society, Phone: +254.20.60.35.93; +254.20.60.86.81/13; Fax:+254.20.60.35.89; Email: [gullet.abbas@kenyaredcross.org](mailto:gullet.abbas@kenyaredcross.org)
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**[<Financial statement attached below; click here to return to the title page>](#)**

# International Federation of Red Cross and Red Crescent Societies

MDRKE012 - Kenya - Floods

Interim Financial Report

Selected Parameters	
Reporting Timeframe	2010/5-2010/08
Budget Timeframe	2010/5-2010/10
Appeal	MDRKE012
Budget	APPEAL

All figures are in Swiss Francs (CHF)

## I. Consolidated Response to Appeal

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
<b>A. Budget</b>	<b>8,757,898</b>					<b>8,757,898</b>
<b>B. Opening Balance</b>	<b>0</b>					<b>0</b>
<b>Income</b>						
<u><b>Cash contributions</b></u>						
<i>British Red Cross</i>	32,046					32,046
<i>Canadian Red Cross</i>	102,344					102,344
<i>Finnish Red Cross (from Finnish Government)</i>	310,194					310,194
<i>Monaco Red Cross</i>	20,040					20,040
<i>Oman - Private Donors</i>	2,883					2,883
<i>Swedish Red Cross (from Swedish Government)</i>	566,292					566,292
<i>VERF/WHO Voluntary Emergency Relief</i>	2,500					2,500
<b>C1. Cash contributions</b>	<b>1,036,298</b>					<b>1,036,298</b>
<u><b>Outstanding pledges (Revalued)</b></u>						
<i>British Red Cross</i>	63,888					63,888
<i>Japanese Red Cross</i>	241,378					241,378
<b>C2. Outstanding pledges (Revalued)</b>	<b>305,265</b>					<b>305,265</b>
<b>C. Total Income = SUM(C1..C6)</b>	<b>1,341,563</b>					<b>1,341,563</b>
<b>D. Total Funding = B + C</b>	<b>1,341,563</b>					<b>1,341,563</b>
<b>Appeal Coverage</b>	<b>15%</b>					<b>15%</b>

## II. Balance of Funds

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
<b>B. Opening Balance</b>	<b>0</b>					<b>0</b>
<b>C. Income</b>	<b>1,341,563</b>					<b>1,341,563</b>
<b>E. Expenditure</b>	<b>-568,425</b>					<b>-568,425</b>
<b>F. Closing Balance = (B + C + E)</b>	<b>773,139</b>					<b>773,139</b>

International Federation of Red Cross and Red Crescent Societies

MDRKE012 - Kenya - Floods

Interim Financial Report

Selected Parameters	
Reporting Timeframe	2010/5-2010/08
Budget Timeframe	2010/5-2010/10
Appeal	MDRKE012
Budget	APPEAL

All figures are in Swiss Francs (CHF)

### III. Budget Analysis / Breakdown of Expenditure

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>8,757,898</b>					<b>8,757,898</b>	
<b>Supplies</b>								
Clothing & textiles	420,975							420,975
Seeds, Plants	193,758							193,758
Water & Sanitation	1,276,540							1,276,540
Medical & First Aid	472,185							472,185
Utensils & Tools	483,120							483,120
Other Supplies & Services	2,998,021							2,998,021
<b>Total Supplies</b>	<b>5,844,599</b>							<b>5,844,599</b>
<b>Land, vehicles &amp; equipment</b>								
Computers & Telecom	1,628							1,628
Others Machinery & Equipment	1,628							1,628
<b>Total Land, vehicles &amp; equipment</b>	<b>3,256</b>							<b>3,256</b>
<b>Transport &amp; Storage</b>								
Storage	20,353							20,353
Distribution & Monitoring	194,586							194,586
Transport & Vehicle Costs	123,948							123,948
<b>Total Transport &amp; Storage</b>	<b>338,887</b>							<b>338,887</b>
<b>Personnel</b>								
National Staff	168,521							168,521
<b>Total Personnel</b>	<b>168,521</b>							<b>168,521</b>
<b>Workshops &amp; Training</b>								
Workshops & Training	364,247							364,247
<b>Total Workshops &amp; Training</b>	<b>364,247</b>							<b>364,247</b>
<b>General Expenditure</b>								
Information & Public Relation	63,162							63,162
Office Costs	1,377,610							1,377,610
Communications	28,353							28,353
<b>Total General Expenditure</b>	<b>1,469,125</b>							<b>1,469,125</b>
<b>Contributions &amp; Transfers</b>								
Cash Transfers National Societies		528,767					528,767	-528,767
<b>Total Contributions &amp; Transfers</b>		<b>528,767</b>					<b>528,767</b>	<b>-528,767</b>
<b>Programme Support</b>								
Program Support	569,263	39,658					39,658	529,606
<b>Total Programme Support</b>	<b>569,263</b>	<b>39,658</b>					<b>39,658</b>	<b>529,606</b>
<b>TOTAL EXPENDITURE (D)</b>	<b>8,757,898</b>	<b>568,425</b>					<b>568,425</b>	<b>8,189,473</b>
<b>VARIANCE (C - D)</b>		<b>8,189,473</b>					<b>8,189,473</b>	

**ANNEX I**  
**Floods Pictorial**



**A flooded farm in Namanjalala area in Kwanza District**



**Flooded village in Kapamoi, Kwanza District**



**A homestead submerged by flood waters in Olkaria, Subukia District**



**A granary destroyed by flood waters in Olkaria, Subukia after heavv rains hit the area**

