

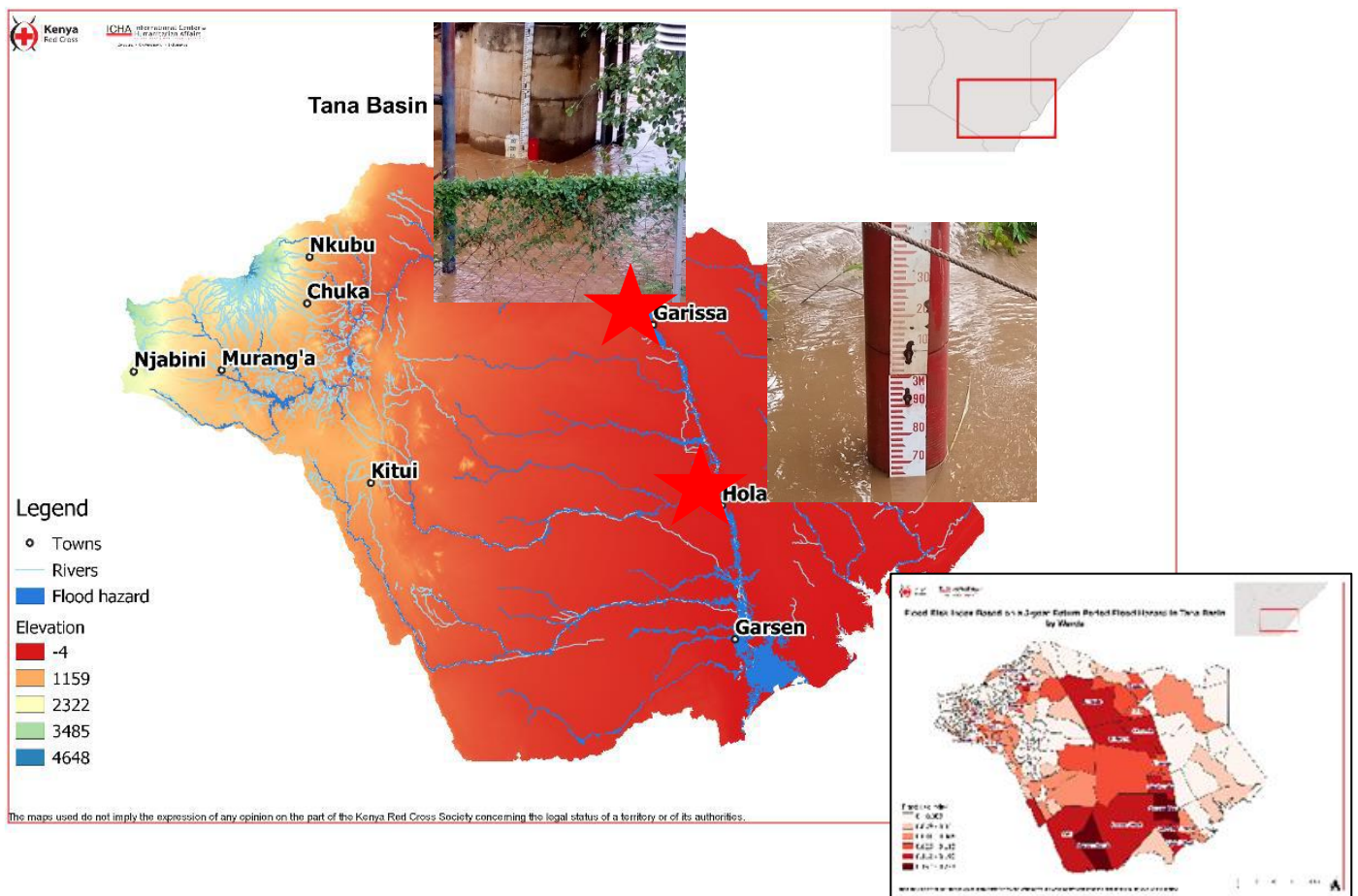
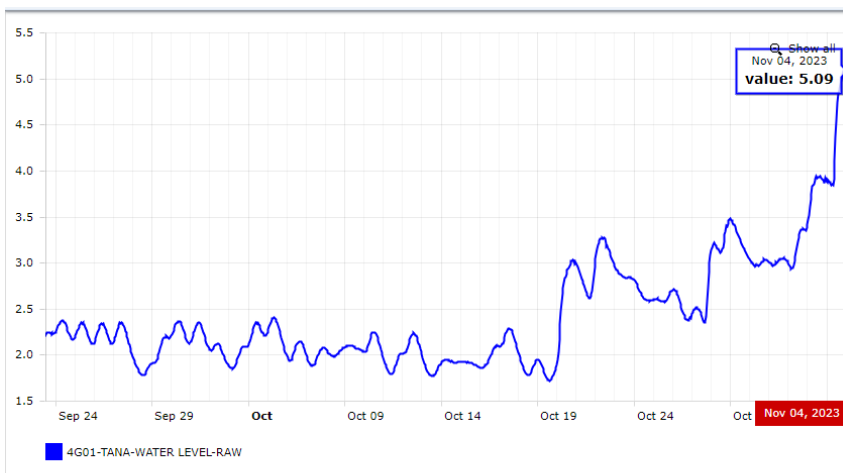


Distribution of NFIs to evacuated vulnerable community members by Kenya Red Cross ahead of the anticipated floods in November 2023, Tana Delta. Photo credit: Mohammed Kubwa, KRCS.

EAP No: EAP2021KE01	Operation No: MDRKE053	EAP approved: 04/10/2021	EAP revised timeframe: 04/10/2021- 03/10/2026
Trigger date: 04/11/2023	Early action lead time: 1 week	Early action timeframe: 1 Month	

Annual Budget: 332,278 CHF
EAP Budget: 210,240 CHF

SUMMARY OF THE EARLY ACTION PROTOCOL



The IFRC Disaster Response Emergency Fund (DREF) allocated CHF 192,698 for the implementation of anticipatory actions to reduce and mitigate the impact of riverine floods in Kenya. This Early Action Protocol includes an allocation of CHF 139,580 to preposition stock and undertake annual readiness activities in order to implement early actions, if and when the trigger is reached. The early actions to be conducted have been pre-agreed with the National Society and are described in the Early Action Protocol summary

https://reliefweb.int/attachments/99243016-0e66-3de1-8587-47b99b1038ff/EAP2021KE01_Kenya%20Floods.pdf

This report summarizes the annual readiness and prepositioning activities and Early actions done in the reporting period. The report also includes any changes or updates done to the initially agreed plan.

Activities done during this reporting period included readiness mainly monitoring of the flood risk and activation of the flood EAP. Towards the rainfall season of October to December, the World Meteorological Organization declared onset of El Nino on July 4, 2023. The phenomenon is known to enhance seasonal rainfall over Kenya and most parts of the world. In August 2023, the Kenya Meteorological Department (KMD) issued the October to December seasonal forecast for Kenya that emphasized on above average seasonal rainfall expected, driven by El Nino coupled with a positive Indian Ocean Dipole. The rainfall season began peaking in the last week of October. Since the onset of the season in October, the season exhibited enhanced rainfall that abruptly started filling up the river channels.

Parallel to this, KRCS kept monitoring the risk of flooding. On 02 November, a flood wave was observed over Garissa Bridge— the first gauging station over lower Tana. The water level at this point reached 4 meters, a level that is earmarked as alarming, for which the discharge overtops the riverbanks leading to flooding further downstream. The level is red-marked by the Water Resources Authority in Kenya to serve a flood alarm over the river basin. A flood wave observed at Garissa Bridge takes about 48 hours to reach the next station (Hola) in the downstream. By November 4th, water levels at Garissa had surpassed 5 meter mark—bordering the highest mark of the river gauge while the levels at Hola have reached alarm level. Additionally, rainfall forecast for that week indicated Kenyan central highlands (source regions of the river) we expected to continue receiving heavy rainfall. The flood wave was expected to begin overtopping riverbanks along the lower Tana as heavy rains continued pounding over central highlands and other Tana basin source regions.

At this time, streamflow forecast at Garissa Bridge from GLoFAS model remained low, under the 1-in-2 year flood. While the GLoFAS forecast is the trigger as per the Kenya flood EAP, caution was taken not to ignore the observed imminent flood at this time. We chose to proceed with activation of the flood Early Actions despite GLoFAS's miss of this flood wave. We recognize analysis of the GLoFAS skill over Tana basin was relatively low with about double False Alarm Ratio (at 0.5) compared to performance of the model in other basins. We acknowledged that the low forecast skill in GLoFAS relates to lack of assimilation of observed data.

With the above information, IFRC agreed to activate the Kenya National riverine flood EAP in Tana based on the following:

- They recognized the limitation of the GloFAS forecasting skills for the specific geographical area of the Tana river.
- They acknowledged that the river water levels reached the danger thresholds defined in the EAP in 2 locations.
- They acknowledge that according to the KMD more heavy rainfall were expected in the oncoming weeks.

The actions stipulated in the flood EAP were implemented to protect communities in lower Tana from Adverse effects of floods in the following areas of focus:


- Disaster risk reduction
- Shelter
- Health
- WASH
- Livelihoods and food security

And within the window of opportunity provided before impacts of floods peaked in lower Tana. We prioritized the following areas:

- Garsen South
- Garsen North
- Garsen Central
- Chewele

SUMMARY OF ANNUAL PROGRESS BY PLANNED OPERATION

The flood EAP envisions reaching the first 150,000 vulnerable persons, being the national capacity of KRCS to respond. The EAP targets this as the maximum number should it be activated in all the 3 river basins. However, this activation was done in one river basin (Tana River).


 Shelter, Housing and Settlements	Budget: 85,521 CHF	Actual: 91,470 CHF
	People targeted: 6,000	People reached: 13,000
	Female: 3,060	Female: 6,630
	Male: 2,940	Male: 6,370
Indicator	Number of people reached with shelter, housing, and settlement interventions in advance of a hazard.	
Early Actions	Targeting and registration Distribution of shelter NFIs	

Narrative description of plan vs achievements

There were 13,000 NFIs procured in this sector. Therefore, the first 1,000 most vulnerable HHs received kitchen sets each. These, plus an additional 1,600 HHs, received 1 tarpaulin, 1 blanket, 1 sleeping mat, 1 bar soap, 1 mosquito net, and 1 jerry can each for clean water storage.

The beneficiary households were chosen based on needs as opposed to the original plan that assumed each household would receive at least 2 different NFIs with 1,000 HHs plan (i.e., 1HH was budgeted with roughly 6 people composition)


NFI distribution was conducted on a need basis; hence, 12,600 more people were reached compared to the target of 6,000. The initial plan was to distribute one kitchen set, tarpaulin, bar soap, jerrican, and mosquito net per household.

 Livelihoods	Budget: 116,860 CHF	Actual: 121,092 CHF
	People targeted:12,000	People reached:10,000
	Female: 6,120	Female: 5,100
	Male: 5,880	Male: 4,900
Indicators	Number of people reached with livelihood interventions in advance of a hazard	
Early Actions	<ol style="list-style-type: none"> 1. Conduct rapid assessments to establish the feasibility of CVA. 2. Multipurpose cash grant 	

Narrative description of plan vs achievements


KRCS supported 2,000 HHs (10,000 people) with multi-purpose cash to enable them to evacuate to safer ground and assist them in the first days of leaving the evacuation centres before shelter and wash support. Those at risk of being affected will be enrolled, as will those with other social vulnerabilities who are not in any Social Protection programs.

The amount disbursed to each of the 2,000HHs was 48 CHF, a value within the budget but verified from a feasibility assessment and approved by the county government officials. The expenditure above 109,728 CHF was incurred to support logistics for the market assessment, mobilisation, and targeting.

 Health & Care	Budget: 30,025 CHF	Actual: 22,409 CHF
	People targeted: 210,240	People reached: 210,240
	Female: 103,018	Female: 103,018
	Male: 107,222	Male: 107,222
Indicators	Number of people reached with health and care interventions in advance of a hazard	
Early Actions	<ol style="list-style-type: none"> 1. Activation of mobile health teams. 2. Provide psychosocial support to volunteers 	

Narrative description of plan vs achievements

KRCS staff and government officers with specialties in public health in emergencies, clinical medicine, laboratory technologists and nurses were deployed in the target implementation area. At the nearest health facility, the following services were provided: Outpatient Department (OPD) services, Maternal and Child Health (MCH) services, laboratory tests, immunizations, and psychosocial counselling to volunteers and the community, which reached 210,240 people. The costs incurred provided logistical support for the deployed health team to camp and provide those services.

 Water, Sanitation and Hygiene	Budget: 37,905 CHF	Actual: 33,579 CHF
	People targeted: 210,240	People reached: 210,240
	Female: 103,018	Female: 107,228
	Male: 107,222	Male: 103,012
Indicators	Number of people reached with WASH interventions in advance of a hazard	

Early Actions

1. Sensitization on the use of water treatment chemicals.
2. Distribution of water treatment chemicals
3. Deployment of emergency water treatment plants

Narrative description of plan vs achievement

This intervention directly reached 339 HHs (about 2,035 people), each receiving water treatment chemicals (pur sachets and aqua tabs) and sensitization on their use. Additionally, 208,205 people were sensitized on using water treatment chemicals and emergency water treatment plants. Further reaching action was deploying a water treatment plant for a larger community-wide reach. After the Early Action interventions, the plant continued serving the communities and was handed over to a flood response intervention in the Tana River.



Disaster Risk Reduction

Budget: 26,417 CHF

Actual: 25,682 CHF

People targeted: 210,240

People reached: 97,668

Female: 107,222

Female: 49,811

Male: 103,018

Male: 48,857

Indicators

Number of people reached with risk reduction and/or climate adaptation interventions in advance of a hazard

Early Actions

1. Activation of trained KRCS Volunteers and Staff
2. Dissemination of early warning messages to communities at risk of being affected by floods.
3. Physical evacuation


Narrative description of plan vs achievement

The flood EAP envisions reaching the first 150,000 vulnerable persons, which is the national capacity of KRCS to respond. The EAP targets this as the maximum number should it be activated in all three river basins. However, this activation was done in one river basin (Tana River).

KRCS, through a network of volunteers, supported the dissemination of early warning messages in the affected areas of Tana River County; the population were urged to move to safer areas. Further, physical evacuations were conducted, thereby minimising populations in the flood-prone areas of Hosingo, Langoni, jajavo, Shika Adabu, pumzika, Matomba, Umoja Mashamba, Galili, Onkolde, Tizama Lako, Kilinguni, Kau, Gumba, Gomesa, and Milima.

Early warning messages were sent to community members through radio spots and a public address system. In those areas, 16,278 HHs were reached, translating to about 97,668 persons.

Enabling approaches

 National Society Strengthening	Budget: 55,595 CHF	Actual: 56,024 CHF
	People targeted: 2,000	People reached: 2,000
Indicator	# of Volunteers insured	
Early Actions	1. Volunteer insurance	
Narrative description of plan vs achievement The 2,000 targeted volunteers were insured during the 1-month engagement; hence they were able to support the EAP activation and further supported flood response interventions in this area.		

CHALLENGES, LESSONS LEARNED, PROPOSED AJUSTMENTS

A full-scale lessons-learned workshop is planned separately and under a separate budget. That will front a comprehensive perspective from the KRCS operations team during the implementation of the Early Actions. However, the triggering process discussed in the summary section indicates that the trigger will need improvement. We will explore the possibility of including observational datasets like monitoring river levels in the trigger. This will also depend on the window of opportunity for such information providers in terms of the time required to implement early actions. The lessons learned workshop will discuss that with the operations team in late June 2024.

FINANCIAL REPORT

DREF Operation

Selected Parameters			
Reporting Timeframe	2021/12-2024/02	Operation	MDRKE053
Budget Timeframe	2021/12-2024/02	Budget	Draft

DREF Operation update FINANCIAL REPORT

Prepared on 17/Jul/2024

All figures are in Swiss Francs (CHF)

MDRKE053 - Kenya - Floods (EAP2021KE01)

Operating Timeframe: 12 Dec 2021 to 29 Feb 2024

I. Summary

Opening Balance	0
Funds & Other Income	332,278
DREF Anticipatory Pillar	332,278
Expenditure	-305,863
Closing Balance	26,415

II. Expenditure by area of focus / strategies for implementation

Description	Budget	Expenditure	Variance
AOF1 - Disaster risk reduction	332,278	305,863	26,415
AOF2 - Shelter			0
AOF3 - Livelihoods and basic needs			0
AOF4 - Health			0
AOF5 - Water, sanitation and hygiene			0
AOF6 - Protection, Gender & Inclusion			0
AOF7 - Migration			0
Area of focus Total	332,278	305,863	26,415
SFI1 - Strengthen National Societies			0
SFI2 - Effective international disaster management			0
SFI3 - Influence others as leading strategic partners			0
SFI4 - Ensure a strong IFRC			0
Strategy for implementation Total			0
Grand Total	332,278	305,863	26,415

DREF Operation

Selected Parameters			
Reporting Timeframe	2021/12-2024/02	Operation	MDRKE053
Budget Timeframe	2021/12-2024/02	Budget	Draft

DREF Operation update FINANCIAL REPORT

Prepared on 17/Jul/2024

All figures are in Swiss Francs (CHF)

MDRKE053 - Kenya - Floods (EAP2021KE01)

Operating Timeframe: 12 Dec 2021 to 29 Feb 2024

III. Expenditure by budget category & group

Description	Budget	Expenditure	Variance
General Expenditure	-1,032	2,512	-3,544
Financial Charges	-1,032	2,512	-3,544
Contributions & Transfers	313,031	284,684	28,347
Cash Transfers National Societies	313,031	284,684	28,347
Indirect Costs	20,280	18,668	1,612
Programme & Services Support Recover	20,280	18,668	1,612
Grand Total	332,278	305,863	26,415

Contact information

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

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Reference



Click here for:

- EAP Summary and budget
- Annual reports from previous years (*delete if not applicable*)