

DREF operation final report



International Federation
of Red Cross and Red Crescent Societies

Serbia: Floods

DREF operation n° MDRRS005
GLIDE n° FL-2010-000250-SRB
08 June 2011

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 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 59,800 (USD 61,049 or EUR 45,757) has been allocated from the Federation's Disaster Relief Emergency Fund (DREF) to support the National Society in delivering immediate assistance to some 4,000 beneficiaries. Unearmarked funds to repay DREF are encouraged.

Summary: Due to the heavy rain in Montenegro, Bosnia and Herzegovina/ Republic of Srpska, the water level in rivers Drina and Lim has been on a steady increase since 1 December until 3rd December, with water spilling out of the river beds and flooding the houses, buildings and agricultural land in six municipalities in the western parts of Serbia. 1,078 people were evacuated between 1st and 4th December, 63 of them residing in temporary accommodation for several weeks and 1,888 houses flooded for weeks. The Red Cross of Serbia has reacted immediately, doing rapid assessment of needs in the six affected municipalities and distributing food and non food items to the affected and evacuated people from the 960 most vulnerable households. This DREF operation included replenishment of emergency stocks of the Red Cross of Serbia, another distribution of hygiene parcels and assistance with water draining, mud removal and dehumidifying of living facilities for approximately 4,000 people.

There is a remaining balance of CHF 5,333 that will be returned to the DREF. The Netherlands Red Cross contributed CHF 19,458 to the DREF operation. The major donors to the DREF are the Irish, Italian, Netherlands and Norwegian governments and ECHO. Details of all donors can be found on: <http://www.ifrc.org/what/disasters/responding/drs/tools/dref/donors.asp>



Distribution of relief in Ljubovija. Photo: red Cross of Serbia

[<click here for the final financial report, or here to view contact details>](#)

The situation

Due to the heavy rains in Montenegro, Bosnia and Herzegovina/ Republic of Srpska, the water level in rivers Drina and Lim has been on a steady increase since 1 December. The water spilled from river beds between 2nd and 3rd December, flooding houses and agricultural land in the municipalities of Loznica, Mali Zvornik and Ljubovija (Drina) as well as Prijepolje (Lim). The water level was stagnating for three days and started decreasing after 4th December, however, the heavy rainfalls in northwest as well as increased volumes of water coming in from Drina and Lim caused the level of river Sava to rise, causing further flooding in the

municipality of Šabac. Flood defences have been built along the Sava bank in the length of 77 kilometres but no major flooding happened except in Šabac.

Prijepolje was without drinking water between 2nd and 3rd December with some 100 people evacuated and a bridge destroyed in the Brodarevo settlement.

Three border crossings between Serbia and Bosnia and Herzegovina were closed for traffic in the first three days due to safety concerns, as the roads were flooded.

Emergency has been declared by the authorities in municipalities of Ljubovija, Prijepolje and Loznica.

Here is a breakdown of the situation per municipality:

Table 1: situation

Municipality	Population	Number of flooded houses	Number of affected families	Number of affected people	Evacuated people	People in temporary accommodation	Number of collective centres
Prijepolje	41188	178	78	279	59	13	1
Priboj	30286	14	20	73	52	50	1
Ljubovija	17351	451	565	1852	-	-	-
Loznica	86413	1048	870	4000	505	-	-
Mali Zvornik	14029	176	130	410	-	-	-
Šabac	123633	181	170	517	462	-	-
Total	226487	1.888	1833	7131	1078	63	2

Coordination and partnerships

Ministry of Public Administration and Local Government allocated emergency aid of RSD 9.5 million (95,000 €) to municipalities in Serbia affected by the floods. The funds were earmarked for floods rehabilitation and for repairing the damage caused by water.

Red Cross and Red Crescent action

The Red Cross of Serbia assessment teams have been active in all of the affected municipalities. The most pressing needs of the affected and evacuated population were identified and the emergency distribution of relief items was organised between 3rd and 4th December. The following table shows the breakdown of distributed goods:

Item		Prijepolje	Priboj	Ljubovija	Loznica	Šabac	Mali Zvornik	Total
Family hygiene parcel	piece	160	60	400	700	340	260	1920
Disinfectant	litre	80	30	200	300	-	100	710
Rubber boots	pair	75	30	100	150	30	-	385
Tea	box	100	50	250	350	-	-	750
Canned beef 150g	piece	450	150	600	240	-	-	1.440
Meat pate 150g	piece	450	60	-	-	-	-	510
Canned fish 150g	piece	450	240	600	240	-	-	1.530
Canned pork 150g	piece	-	-	600	240	-	-	840
Ready to eat meal – beans and bacon 300-400g	piece	-	-	-	350	-	-	350
Ready to eat meal – beans and sausage 300-400g	piece	-	-	200	350	-	-	550
Ready to eat meal – rice and chicken 300-400g	piece	450	150	200	-	-	-	800
Ready to eat meal – cabbage and meat 300-400g	piece	-	-	200	350	-	-	550
Blanket	piece	150	60	200	300	300	-	1.010

Red Cross of Serbia emblem for vests	piece	40	20	20	25	-	-	105
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Table 2: Distributed relief assistance to approximately 4000 people in two instalments

Alongside the distribution of food and non food relief assistance, the Red Cross of Serbia deployed its mobile technical team to assist the evacuated and other affected vulnerable families with returning to their houses. To this end, they provided assistance with water removal, mud removal and dehumidifying of the houses. The following table shows the breakdown of these activities:

Municipality	Electrical water and mud pumps			Dehumidifiers		
	Number of houses	Number of pumps	Working hours	Number of houses	Number of dehumidifiers	Working hours
Prijepolje	4	2	21	40	16	6327
Priboj	-	-	-	10	7	1684
Ljubovija	451	6	1200	124	15	9172
Loznica	18	4	145	143	17	17500
Mali Zvornik	-	-	-	27	6	7290
Šabac	-	-	-	0	0	0
Total:	473	12	2266	344	61	41973

Table 3: Assistance with water/ mud removal and dehumidifying the living quarters

Additionally, a number of families were assisted in repairing the walls of their houses, damaged by water through provision of home repair kits (purchased using other sources of funding):

No	Municipality	Home repair kit	
		Unit	Quantity
1.	LOZNICA	Set	76
2.	ŠABAC	Set	33
Total			109

Table 4: Assistance with home repair kits

In addition a lessons-learned workshop was organised for representatives of all the six affected municipalities. The workshop involved not only representatives of the respective Red Cross branches but also the heads of each municipality's Emergency Headquarters. The workshop lasted for two days and twenty participating people went through the operation, from assessment to response to beneficiary feedback and noted the lessons learned.

Achievements against outcomes

Relief distributions (food and basic non-food items)

Outcome: The necessary relief items for the most vulnerable among the affected population (canned food, blankets, rubber boots) will be distributed to 4000 beneficiaries according to assessment and selection criteria that identify actual needs and vulnerable groups.

Outputs (expected results)	Activities planned
The food and non-food needs of 4000 of the most vulnerable and evacuated people for four months will be met through provision of adequate relief items.	<ul style="list-style-type: none"> Conduct rapid emergency needs and capacity assessments. Develop beneficiary targeting strategy and registration system to deliver intended assistance. Distribute relief supplies and control supply movements from point of dispatch to end user. Monitor and evaluate the relief activities and provide reporting on relief distributions. Develop an exit strategy.

Impact: The 4,000 affected people, who were displaced from their flooded houses, were supported in staying with relatives or in collective accommodation through the provision of canned food and basic non-food items as well as in returning to their houses. The food assistance was important since in many cases food reserves which were kept on ground floors or in basements of the affected houses were destroyed.

The provision of blankets and hygiene items helped the evacuated families to stay in temporary accommodation and to preserve their health. No major health problems were detected as a result of the evacuation and the subsequent accommodation in housing facilities which were of lower standard.

In all, the health and safety of 4,000 affected people were preserved through provision of food and non-food items and their return to their flooded homes, salvaging of possessions and preparing of rehabilitation was assisted.

Water, sanitation, and hygiene promotion	
Outcome: For 1,000 affected families/ 4,000 people the risk of water-borne and water related diseases has been reduced through the provision of adequate sanitation and hygiene promotion and the population was assisted in its return to normal living within a period of four months.	
Outputs (expected results)	Activities planned
4,000 vulnerable people from the affected areas manage to preserve their health through the use of hygiene items, rubber boots and disinfectants in the four months following the flooding and evacuation.	<ul style="list-style-type: none"> • Conduct rapid emergency needs and capacity assessments. • Develop beneficiary targeting strategy and registration system to deliver intended assistance. • Distribute relief supplies and control supply movements from point of dispatch to end user. • Assist with disinfecting the living quarters so that the population can return to safe environments • Monitor and evaluate relief activities and provide reporting on distributions. • Develop an exit strategy. • Maintain contact and coordination with the local crisis headquarters in the affected areas.
4,000 vulnerable people from the affected areas manage to resume normal living in their households within four months from the floods.	<ul style="list-style-type: none"> • Conduct rapid emergency needs and capacity assessments. • Develop beneficiary targeting strategy and registration system to deliver intended assistance. • Provide equipment for water drainage and house cleaning. • Provide house cleaning kits (disinfectant, mops, wall paint, toolkits). • Provide training to the municipal Red Cross disaster management teams in efficient response, use of equipment, internal and external communication, monitoring and reporting. • Conduct a lessons learned workshop for local responders, based on the work already done through the municipal disaster preparedness project. • Monitor and evaluate relief activities and provide reporting on distributions. • Develop an exit strategy. • Maintain contact and coordination with the local crisis headquarters in the affected areas.

Impact:

The rubber boots helped the evacuated population return to their houses to salvage furniture and start preparations for necessary hygiene and reconstruction activities. The mud and water pumps and electric dehumidifiers, as well as disinfectants helped shorten the time needed for the repair works to be started and ensured the repairs were done as quickly as possible. No epidemics of water borne or other diseases were registered in any of the affected communities.

The assistance with early rehabilitation of houses was well targeted and helped the affected population safely return to their homes. 109 families were assisted with rehabilitation and wall painting kits and Mobile Technical Teams of the Red Cross of Serbia in making their houses safe and healthy to live in again.

The Red Cross branch representatives were instrumental in assisting municipal authorities and Emergency Headquarters in assessment and have kept in close contact sharing information and coordinating the activities throughout the operation.

Some funds were saved on purchasing hygiene parcels during the operation due to the actual price being lower than predicted. Also, the cost of deploying Mobile Technical Teams of the Red Cross of Serbia was lower than predicted due to the less working hours needed. The lessons-learned workshop cost significantly less than predicted due to the absence of need for accommodation of participants. The saved funds were used to cover the costs of the operation manager's salary for additional two months (used for monitoring of the distribution and the deployment of the teams). The distribution costs were higher due to the costs related to the deployment of the Mobile Technical Teams (minus the Per Diems) that were counted as distribution costs in the financial report. There is a remaining balance of CHF 5,333 that will be returned to the DREF.

Satisfaction survey

A satisfaction survey among people reached was conducted by the Red Cross of Serbia. The survey aimed to find out whether the operation met the needs among the affected people, the people's satisfaction with the Red Cross response as well as their involvement in needs assessment, planning and implementation. The following findings emerged during the survey:

- Good cooperation was noted between local Red Cross organizations and municipal crisis headquarters.
- The beneficiaries expressed satisfaction with the timeliness of the response by the Red Cross branches in providing assistance. Distribution points were easily available to the people.
- All respondents stated that Red Cross volunteers and staff wore visible Red Cross emblems.
- All respondents said that the behaviour of volunteers and staff was appropriate.

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 \(NGO's\) in Disaster Relief](#) and the [Humanitarian Charter and Minimum Standards in Disaster 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.

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.

Contact information

For further information specifically related to this operation please contact:

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[<final financial report below; click here to return to the title page>](#)

MDRRS005 - Serbia - Floods

Appeal Launch Date: 08 dec 10

Appeal Timeframe: 08 dec 10 to 08 mar 11

Final Financial Report

Selected Parameters	
Reporting Timeframe	2010/12-2011/04
Budget Timeframe	2010/12-2011/03
Appeal	MDRRS005
Budget	APPEAL

All figures are in Swiss Francs (CHF)

I. Consolidated Funding

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
A. Budget	59,800					59,800
B. Opening Balance	0					0
Income						
<u>Other Income</u>						
<i>Fund Allocations</i>	59,800					59,800
C6. Other Income	59,800					59,800
C. Total Income = SUM(C1..C6)	59,800					59,800
D. Total Funding = B + C	59,800					59,800
Appeal Coverage	100%					100%

II. Movement of Funds

	Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination	TOTAL
B. Opening Balance	0					0
C. Income	59,800					59,800
E. Expenditure	-54,467					-54,467
F. Closing Balance = (B + C + E)	5,333					5,333

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III. Consolidated Expenditure vs. Budget

Account Groups	Budget	Expenditure					TOTAL	Variance
		Disaster Management	Health and Social Services	National Society Development	Principles and Values	Coordination		
A							B	A - B
BUDGET (C)		59,800					59,800	
Relief items, Construction, Supplies								
Clothing & textiles	9,500	4,850				4,850	4,650	
Food	10,500	15,273				15,273	-4,773	
Water, Sanitation & Hygiene	15,400	9,145				9,145	6,255	
Teaching Materials	2,500						2,500	
Utensils & Tools	2,000						2,000	
Other Supplies & Services		4,896				4,896	-4,896	
Total Relief items, Construction, Supplies	39,900	34,164				34,164	5,736	
Logistics, Transport & Storage								
Distribution & Monitoring	2,000	5,824				5,824	-3,824	
Transport & Vehicle Costs	2,000						2,000	
Total Logistics, Transport & Storage	4,000	5,824				5,824	-1,824	
Personnel								
National Staff	3,500	7,784				7,784	-4,284	
National Society Staff	3,500	388				388	3,112	
Total Personnel	7,000	8,172				8,172	-1,172	
Workshops & Training								
Workshops & Training	2,500	744				744	1,756	
Total Workshops & Training	2,500	744				744	1,756	
General Expenditure								
Travel	500						500	
Information & Public Relation	2,000	2,200				2,200	-200	
Communications	150						150	
Financial Charges		39				39	-39	
Other General Expenses	100						100	
Total General Expenditure	2,750	2,238				2,238	512	
Indirect Costs								
Programme & Service Support	3,650	3,324				3,324	325	
Total Indirect Costs	3,650	3,324				3,324	325	
TOTAL EXPENDITURE (D)	59,800	54,467				54,467	5,333	
VARIANCE (C - D)		5,333				5,333		