

# DREF operation



International Federation  
of Red Cross and Red Crescent Societies

## Nigeria: Flash Floods

DREF operation n° MDRNG010  
GLIDE n° FF-2011-000088-NGA  
25 July 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 and Red Crescent emergency response. 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.

**Summary:** CHF 289,282 has been allocated from the International Federation's Disaster Relief Emergency Fund (DREF) to support the Nigeria Red Cross Society (NRCS) in delivering immediate assistance to some 12,500 beneficiaries, conducting in-depth assessment, supporting 2011 flood preparedness programs and prepositioning of relief materials. Unearmarked funds to repay DREF are encouraged.

A heavy downpour that started about 5 a.m. in the early hours of 10 July, 2011 and lasting 17 hours, led to massive flooding, particularly in the Lagos metropolis, the economic capital of country. By the 11th of July 2011, media reports showed that 20 persons had lost their lives while public infrastructure like roads, bridges and schools were damaged. Thousands of persons were affected by the floods with many rendered homeless as their houses were submerged by flood water while property, including vehicles were destroyed due to the intensity of the flood.

The Nigerian Red Cross Society (NRCS) carried out a rapid assessment of the situation in the most affected area within the Lagos Metropolis to determine the immediate needs of the affected. The assessment findings showed that the most affected population is in need of immediate food, non-food items, shelter, water and sanitation as well as health and psychosocial support. Meanwhile, cases of cholera have been reported in many states, already at 10,510 cases with 277 deaths (Nigerian Federal Ministry of Health) by 8 July.

To further scale up its humanitarian assistance to the affected communities, the NRCS —with technical support from the IFRC West Coast Regional Representation, has developed a plan of action to support 1,500 most affected households (12,500 persons) in Lagos Metropolis with NFIs, WASH items (blankets, tarpaulins, water purification items and mosquito nets, among others). In addition, the National Society is also proposing to undertake preparedness activities and also preposition materials for 1,000 households based on forecasts of the African Meteorological Centre, ACMAD. The planned intervention will be supported by the International Federation through its DREF and the deployment of national disaster response team members, whose presence is expected to enhance NRCS branch capacities in emergency relief, especially in assessment. This operation is expected to be implemented over 4 months, and will therefore be completed by end November 2011. A Final Report will be made available three months after the end of the operation (end February 2012).



NRCS staff and volunteers assess flood damage in greater Lagos/photo NRCS

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

## The Situation

A 17 hours continuous and heavy downpour of rains that occurred in Lagos State South West Nigeria on the 10<sup>th</sup> and 14<sup>th</sup> July 2010 caused severe flooding in Lagos State. The massive flooding of the entire Lagos metropolis was caused as a result of the long-hours heavy downpour coupled with the erection of buildings along the channel of rivers, canals and floodways; dumping of refuse and industrial wastes in drainage channels as well as silting of river channels. The massive flood resulted into loss of lives and the destruction properties worth billions of naira. The situation was further worsened by the collapse of a link bridge to areas such as Denro, Akute, Alagbole in the outskirt of Lagos state thereby limiting population movement from the affected areas. The flooding led to collapse



of building in areas like Oniwaya area of Agege, Gbagada/Oworonshoki, Aboru, and some other areas. The intensity of the flow carried vehicles away from the road and dumped them into the canal. According to the Nigerian Red Cross Society (NRCS), based on rapid assessment carried out, about 5393 households were affected in 31 districts/streets. Toilet facilities were destroyed, water sources, including pipelines were broken, while wells were contaminated by flood water. The displaced persons in the affected states are sheltered in temporary camps and school premises, while some are staying with relatives and friends.

Furthermore, the interventions being proposed for Nigeria is expected to cover flood preparedness activities based on the rainfall forecast, which included Nigeria as one of the countries at high risk of flooding in 2011. This forecast is based on the annual correspondence meeting on the seasonal forecast based on the RC collaboration with ACMAD. The 2011 meeting was held in Abuja, Nigeria from 22<sup>nd</sup> -23<sup>rd</sup> June 2011. At the meeting, the forecast for July- September was presented. The result highlighted the following:

### Category A

1. Nigeria
2. Benin

Based on the forecast, for the areas highlighted in light green, when there is normal rainfall, the possibility of flooding is between 80%-120%, while in the event of rainfall above normal the probability of flooding will be between 100% and 130%. From the diagram, the threshold for flooding is 45, therefore the possibility for flooding during normal rainfall is a bit low in this country, though not impossible. However when the rainfall is above normal, the possibility of flooding is very high at 50.

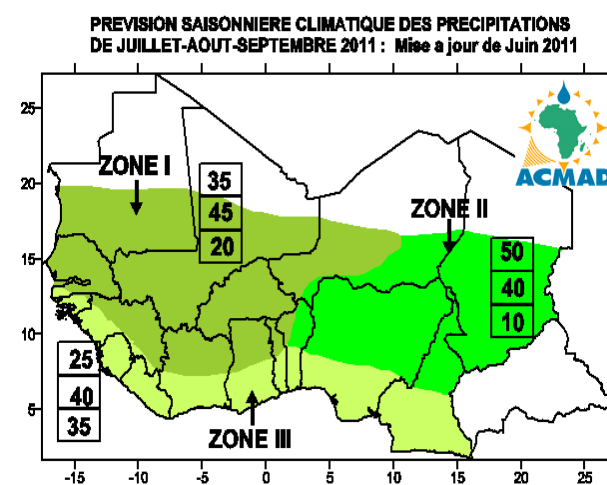
### Category B

1. Togo
2. Ghana
3. Cote D'Ivoire (north)

Based on the forecast, the areas highlighted in army green are the vulnerable areas to flooding within the forecasted period. In the case of this category, the forecast shows that during normal rainfall the probability of flooding is high at 45, while the probability of flooding is lower at 35 when rainfall is above normal.

**The implication of this forecast** is that the countries mentioned are all at high risk of flooding within the given period. This does not mean that other countries, such as Liberia and Sierra Leone including Côte

SEASONAL PRECIPITATION FORECAST FOR JULY-AUGUST-SEPTEMBER 2011  
Update of June 2011



d'Ivoire (south) are safe, putting into consideration the rivers basins (rivers and drainages) within the zones especially linking with Guinea which the down flow will affect them.

## Coordination and Partnerships

The NRCS society has been collaborating with the Government and other actors to respond to the flood situation in Lagos, the rapid assessment by the local branch of the NS served as the basis for initial response by the State and Federal Government institutions. This is coupled with memoranda of understanding (MoUs) with organizations such as UNICEF who usually implement their interventions through the NS. Further to this, the West Coast Regional Representation (WCRR) has been collaborating with relevant agencies saddled with forecasting and predicting weather variables. Since 2007, within its collaboration arrangement with ACMAD, the WCRR has contributed to the process of interpreting the weather forecast for quick understanding by stakeholders, and the community. This partnership formed the basis for the 2011 preparedness plan by the WC NS. Additionally, the NS, based on the forecast is liaising with NEMA and SEMAs of affected States to determine safe terrains for camps in the event of flood disasters.

## Red Cross and Red Crescent action

The NRCS Lagos State Branch provided initial response by mobilizing and deploying 80 volunteers in the affected communities to assist in the evacuation to safer areas and provision of first aid service. The Red Cross also provided psychological support to the affected population and has been collaborating with other actors especially LASEMA and NEMA in information sharing and support through the volunteers. The NRCS has carried out a rapid assessment of the situation in Lagos State which has served as the baseline data for the other response activities.

## The proposed operation

The Nigerian Red Cross Society through the International Federation DREF support has been in the Forefront in helping affected population with relief assistance. The proposed operation will involve the Deployment of RDRT and NDRT members to support in assessment and organizing delivery of immediate relief assistance (basic non-food items), WASH for the displaced population for a period of three months with technical support from the Federation's West Coast Regional Representation.

The NRCS plans to carry out social mobilization campaign on water, sanitation and hygiene promotion. NRCS will invest its network of volunteers under the guidance of the deployed NDRTs for needs assessment, registration of beneficiaries, distribution of non-food items and sanitation equipment.

The NS with the support of the West Coast Regional Representation intends to also provide support for capacity building, preparedness including prepositioning of items for the NS relief operation to affected population in the advent of flood disasters in 2011. These will include the procurement of relief materials (NFIs WASH) and rapid orientation and sensitization on Contingency plan implementation, emergency response, First Aid, emergency shelter construction, good hygiene and health promotion.

## Response plan

Relief distributions (food and basic non-food items) for Lagos intervention	
<b>Outcome : Some 1500 most affected households have received specific quantity and quality of non-food items based on the assessment and selection criteria from Red Cross.</b>	
Output	Activities planned
Relief items are procured and distributed to 1500 most affected families and selected through established Red Cross selection criteria.	<ul style="list-style-type: none"> <li>• Procure and distribute 3,000 blankets and 3,000 sleeping mats to 1500 most affected households;</li> <li>• Procure and distribute 1,000 mosquito nets to 500 most affected persons</li> <li>• Mobilize and brief 200 Red Cross volunteers on registration and distribution strategies of the Red Cross;</li> <li>• Disseminate key messages concerning LLIN use (targeting pregnant women and caretakers of children under 5)</li> <li>• Conduct a needs assessment in the target communities;</li> <li>• Control supply movements from point of dispatch to end user;</li> <li>• Monitor and evaluate the relief activities and provide report on distribution of relief items.</li> </ul>

\*\* Pregnant and Lactating mothers and caretakers for children under 5

## Water, sanitation, and hygiene promotion

**Outcome: The risks of waterborne diseases are reduced through hygiene promotion, health education and availability of safe drinking water in target communities in the affected states.**

Output	Activities planned
<ul style="list-style-type: none"> <li>1500 most affected households and target communities have improved knowledge on WASH</li> <li>1,500 households have access to safe water, hygiene and sanitation facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Mobilize and train 200 Red Cross volunteers on good hygiene, water purification method and health promotion;</li> <li>Procure 10 first-aid kits to be used by volunteers in the affected areas;</li> <li>Procure and distribute water purification tablets and 1500 pieces of jerry cans to 1500 most affected households;</li> <li>Procure and distribute 6,000 bars of soap***, 500 kitchen sets**</li> <li>Procure and distribute sanitation materials (glove, shovels, face masks, wheel barrows)</li> <li>Mobilize community members to undertake drainage cleaning and environmental sanitation.</li> <li>Sensitize the target communities on water purification, good hygiene and health practices;</li> <li>Sensitize the targeted households on proper use of available sanitation facilities</li> <li>Provide first-aid services to the affected communities.</li> </ul>

\*\* Pregnant and Lactating mothers and caretakers for children under 5

\*\*\*4 soaps per household

## Preparedness Plan of Action

### Prepositioning of Contingency Supplies (Emergency Shelter, WASH and Non-food items)

**Outcome: Procurement and Stocking of Non-Food Items, WASH and Health materials and Emergency Shelter for 1000 most affected households in the event of Flood disasters within the WC based on the assessment and selection criteria from Red Cross**

Output	Activities planned:
NFIs, Emergency Shelter and WASH items for 1000 households are procured for prepositioning to respond in the event of flood disasters	<ul style="list-style-type: none"> <li>develop CBAs and other procurement process based on Federations guidelines</li> <li>Procure non-food items (blankets, mats, buckets, kitchen sets etc) , Emergency Shelters, WASH items and cholera kits</li> </ul>

### Capacity Building (Sensitization, awareness and Campaigns)

**Outcome: NS carryout activities for flood preparedness**

Output	Activities planned:
The NS are informed about the nature and trend of flood based on EW and they updated on Contingency Plan implementation and DRR sensitization and awareness campaign strategies.	<ul style="list-style-type: none"> <li>Rapid orientation on implementation of Contingency Plans</li> <li>Rapid orientation and refresher on:               <ul style="list-style-type: none"> <li>emergency response,</li> <li>First Aid,</li> <li>Emergency shelter construction,</li> <li>Good hygiene and health promotion using the ECV training modules</li> </ul> </li> <li>Sensitization on information dissemination and communication with local branches for Early Warning and during Emergencies.</li> </ul>

## Communications – Advocacy and Public information

The proposed activities will provide an opportunity for the National Society to demonstrate the added value of its activities to the affected persons, communities, as well as host government in the event of any flood disaster within the West Coast. Media especially audio will be instrumental for the dissemination of the information to the public for sensitization including usage of drama. The National Society with technical support from the Regional Representation will ensure adequate and effective national and international coverage of the Red Cross intervention. The WCRR will be assisting the NRCS in enhancing the capacity of

its communication team in information sharing and dissemination during emergency with the aim of increased visibility for the Red Cross in Nigeria

## 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:

- **In Nigeria:** Bello Diram, Secretary General, Nigerian Red Cross Society; phone: +234 8036071041; email: [bdiram@nrscng.org](mailto:bdiram@nrscng.org) ; Umar, Abdu Mairiga, NRCS DM Coordinator, phone: +234 802 327 3624, email: [mairigaumar@yahoo.co.uk](mailto:mairigaumar@yahoo.co.uk)
- **In Nigeria:** Jerry Niati, Ag. Regional Representative/Regional Disaster Management Manager, West Coast Regional Representation, Abuja, Nigeria; phone: +234 703 414 2708; email: [niati.jerry@ifrc.org](mailto:niati.jerry@ifrc.org)
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- **In Geneva:** Christine South, Operations Coordinator for West Africa, phone: +41.22.730.45.29, mail: [christine.south@ifrc.org](mailto:christine.south@ifrc.org)

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

# DREF OPERATION

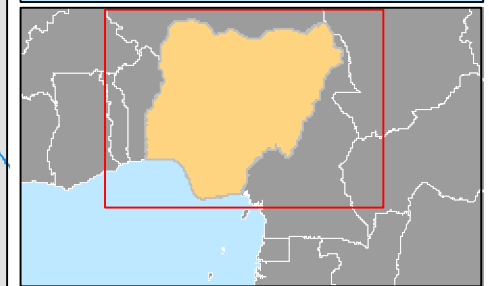
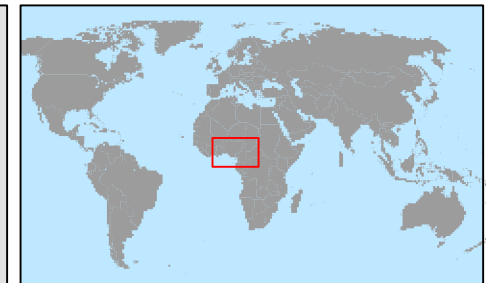
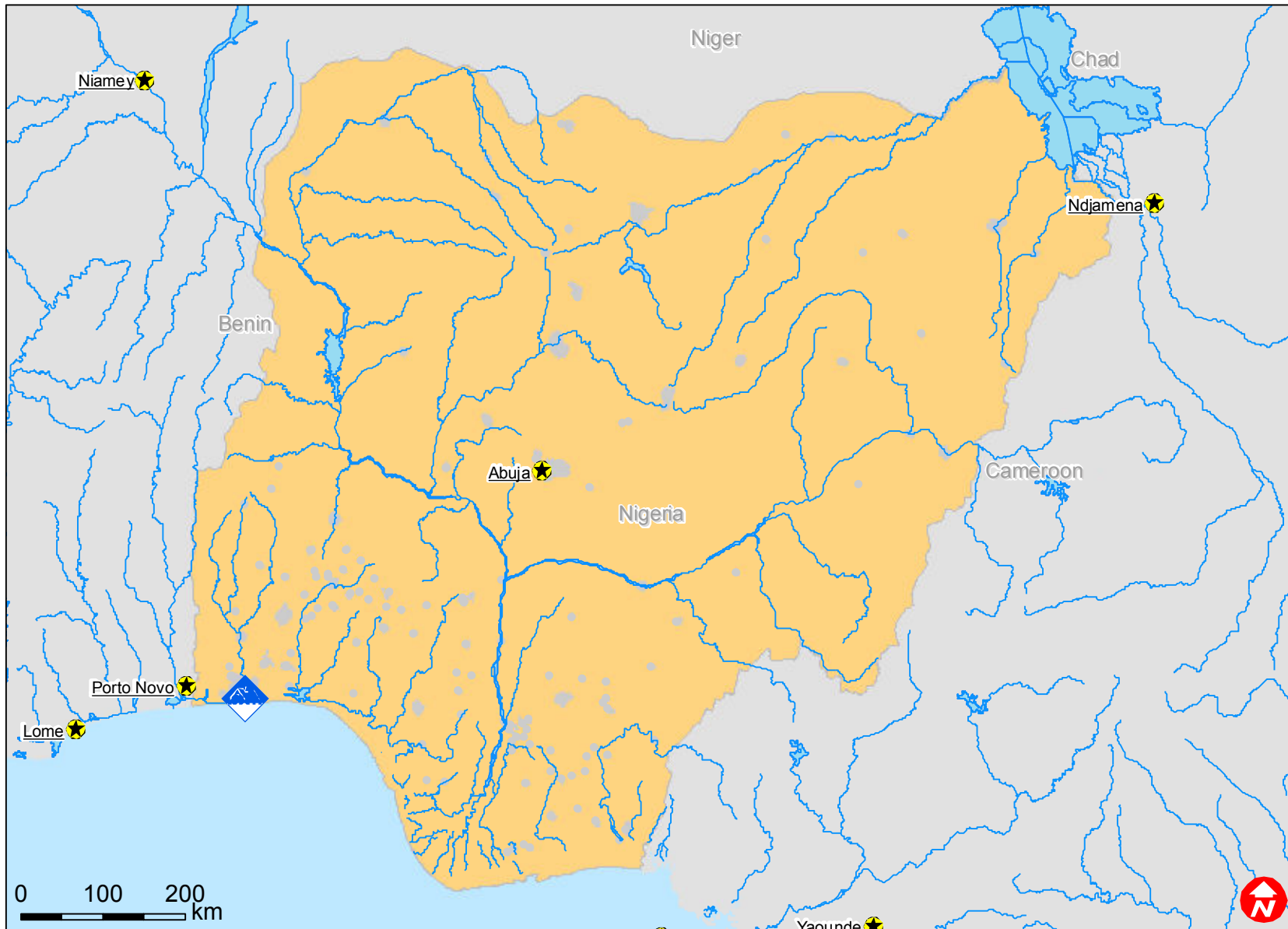
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MDRNG010

Budget Group	DREF Grant Budget CHF
Shelter - Relief	47,668
Shelter - Transitional	0
Construction - Housing	0
Construction - Facilities	0
Construction - Materials	0
Clothing & Textiles	51,681
Food	0
Seeds & Plants	0
Water, Sanitation & Hygiene	31,160
Medical & First Aid	4,521
Teaching Materials	1,280
Utensils & Tools	33,045
Other Supplies & Services	0
Emergency Response Units	0
Cash Disbursements	0
<b>Total RELIEF ITEMS, CONSTRUCTION AND SUPPLIES</b>	<b>169,355</b>
Land & Buildings	0
Vehicles Purchase	0
Computer & Telecom Equipment	0
Office/Household Furniture & Equipment	0
Medical Equipment	0
Other Machinery & Equipment	0
<b>Total LAND, VEHICLES AND EQUIPMENT</b>	<b>0</b>
Storage, Warehousing	581
Distribution & Monitoring	2,200
Transport & Vehicle Costs	28,770
Logistics Services	0
<b>Total LOGISTICS, TRANSPORT AND STORAGE</b>	<b>31,551</b>
International Staff	3,005
National Staff	6,384
National Society Staff	5,729
Volunteers	35,000
<b>Total PERSONNEL</b>	<b>50,118</b>
Consultants	0
Professional Fees	0
<b>Total CONSULTANTS &amp; PROFESSIONAL FEES</b>	<b>0</b>
Workshops & Training	10,625
<b>Total WORKSHOP &amp; TRAINING</b>	<b>10,625</b>
Travel	0
Information & Public Relations	2,434
Office Costs	5,094
Communications	2,250
Financial Charges	200
Other General Expenses	0
Shared Support Services	0
<b>Total GENERAL EXPENDITURES</b>	<b>9,978</b>
Programme and Supplementary Services Recovery	17,656
<b>Total INDIRECT COSTS</b>	<b>17,656</b>
<b>TOTAL BUDGET</b>	<b>289,282</b>



# Nigeria: Flash floods



Flash floods in Lagos