

DREF operation



International Federation
of Red Cross and Red Crescent Societies

Madagascar: Cyclone Hubert

DREF operation n° MDRMG006

GLIDE n° TC-2010-000053-
MDG

25 March 2010

The International Federation's 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.

CHF 280,171 (USD 264,562 or EUR 195,787) has been allocated from the Federation's Disaster Relief Emergency Fund (DREF) to support the National Society in delivering immediate assistance to some 5,000 families. Unearmarked funds to repay DREF are encouraged.

Summary: Cyclone Hubert hit the south eastern coast of Madagascar on the night of 10 March 2010. According to the National Office for Management of Risks and Disasters (BNGRC)¹ the heavy rainfall caused floods, affecting over 97,000 persons, leaving over 38,000 people temporary displaced and 54 dead. A total of 7 districts have been affected: 1 in the middle-east and 6 in the south-east of the country. The BNGRC is coordinating all response activities but has limited resources following the political crisis in Madagascar during 2009. A total of 2 districts among these 7 are currently experiencing an outbreak of Chikungunya and there is high risk that the vector borne disease spreads because of floods and stagnant water. Roads have been badly damaged, and 6 of the 7 affected districts are not accessible by roads.

Malagasy Red Cross Society (MRCS) volunteers have been mobilized in search and rescue, First Aid, rapid damage assessment and internally displaced persons (IDP) camp management. The result of initial assessment is available, allowing MRCS to elaborate an action plan which will reach approximately 5,000 families. With support from the Indian Ocean Regional Intervention Platform (PIROI)², the MRCS has mobilised non-food items (NFIs) and water treatment equipment to the affected areas.

This operation is expected to be implemented over 4 months, and will therefore be completed by 10 July, 2010; a Final Report will be made available three months after the end of the operation (by 10 October, 2010).

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

The situation

Cyclone Hubert hit the south-eastern part of Madagascar and directly affected 6 districts, but its rainfall reached as far as the Ambatondrazaka District, the main rice producer of Madagascar. The 7 targeted districts are included in 3 regions. Except for the Ambatondrazaka District, the other 6 districts in the south east coast are currently inaccessible by land due to damaged bridges.

Floods have destroyed and contaminated wells, houses, family goods and food items. Stagnant water is likely to fuel the spread of the Chikungunya outbreak (recently identified by the Health Authorities) and

¹ In French: Bureau National Gestion des Risks et Catastrophes

² In French: Plate-forme d'Intervention Regionale pour l'Ocean Indien

malaria that currently affects the south-east coast and thus give rise to emergency health issues amongst the affected population. Rice represents the main staple diet of vulnerable groups, as well as their main source of livelihood. Rice fields have been flooded and crops will be damaged, thus affecting livelihoods.

Flood level has begun to decrease over the last few days and displaced families are slowly returning to their homes to protect their remaining goods. But the Meteo services expects more rain in the coming days, and this will affect the speed that floods are receding.

The MRCS has carried out an initial rapid damage assessment of the affected area, and identified over 28,000 persons (representing approximately 5,000 families) requiring urgent assistance.

Table 1: Initial assessment of persons affected by Cyclone Hubert

No.	DISTRICTS	COMMUNES	Persons affected	Persons dead	Persons injured	Destroyed houses	Inundated houses	access
1	AMBATONDRAZAKA:	Urbaine Sub-urbaine Antsanganga and Ampita atsimo	2,580	1	1	39	595	
2	NOSY VARIKA:	Nosy Varika, Ambahy, Andara and Vohitrandraiana	450	1		18	10	District completely isolated
3	MANAKARA	Ambila, Marofaria, Sahasinaka, Fenomby, Tataho, Lokomby and Ivatana	3,500	19			1,200	
4	IKONGO	Ikongo and Faniria	4,146	9		150	3	District completely isolated
5	VOHIPENO	Vohipeno, Andeamaka Mahabo, Vohitsidry, Vohilany , Onjatsy , Vohindava and Savana	10,000		15	236	750	
6	MANAJARY	Mananjary and Tsiatosika	4,425	8				Non Accessible from Tana
7	VANGAINDRANO	CU	190	2				
8	IFANADIANA							
9	FARAFANGANA	Farafangana Itrotroke and Ambohigogo	3,026		215	2	335	
10	TOTAL		28,317	40	231	445	2,893	

Source : MRCS branch

Coordination and partnerships

In Madagascar, cluster approach is always active even during preparation period. MRCS led the elaboration of shelter cluster contingency plan and tools. MRCS is also participating in health and water and sanitation (WatSan) cluster. For Cyclone Hubert response, BNGRC is coordinating response activities and providing 70 tonnes of rice.

Regular, coordination meetings are held in BNGRC office, where information is shared. Local authorities are also organising coordination meetings at local levels. MRCS is always taking part in these meetings, sharing its realization and contributing in coordination.

Two flights for assessments have been organized by Civil Protection Company (funded by the United Nations Children's Fund (UNICEF) and CARE, and BNGRC funded by USAID. Result will be shared during next meeting.

FNUAP is supporting MRCS in providing HIV and AIDS protection kit in camp management.

As in previous operations, the PIROI has supported the MRCS through the mobilization of pre-positioned stock located in La Réunion. In addition, water treatment equipment and kits for 5,000 beneficiaries, as well as the PIROI Disaster Management Coordinator, and a logistician have been deployed to the affected region to support the MRCS in carrying out WatSan activities.



Regional water and sanitation stocks being mobilized with assistance from the French Government, supported by PIROI.
Photo by MRCS.

The MRCS have requested the assistance of Regional Disaster Response Team (RDRT) members: 1 Disaster Management Delegate to support them in the coordination of the operation, and 1 WatSan Specialist to support the National Society in implementing their WatSan activities.

Table 2: Coordination in WatSan activities

	MRCS	UNICEF
Manakara	Sensitization in hygiene, Water supply, Wells treatment, distribution of kit WatSan (bucket, jerry can, soap and water cleaner),	Water treatment, distribution of kit WatSan (bucket, soap), wells treatment
Mananjary	Sensitization in hygiene, Water supply, Wells treatment, distribution of kit WatSan (bucket, jerry can, soap and water cleaner),	Water treatment, distribution of kit WatSan (bucket, soap), wells treatment
Vohipeno	Sensitization in hygiene, Water supply, Wells treatment, distribution of kit WatSan (bucket, jerry can, soap and water cleaner),	Water treatment, distribution of kit WatSan (bucket, soap), wells treatment
Farafangana	Sensitization in hygiene, Water supply, Wells treatment, distribution of kit WatSan (bucket, jerry can, soap and water cleaner),	
Nosy Varika	Sensitization in hygiene, Water supply, Wells treatment, distribution of kit WatSan (bucket, jerry can, soap and water cleaner),	
Vangaindrano	Sensitization in hygiene, Water supply, Wells treatment, distribution of kit WatSan (bucket, jerry can, soap and water cleaner),	

MRCS and UNICEF are working in WatSan field. They are coordinating WatSan activities on the targeted communes in Mananjary, Vohipeno and Manakara districts.

UNICEF is collaborating with MRCS volunteers to distribute NFI. A memorandum of understanding (MoU) on this collaboration has been drafted.

Table 3: Coordination in food supply

	Secours islamique	WFP
Manakara	1 tonne of rice	8 tonnes of rice, beans and oil
Mananjary		7 tonnes of rice, beans and oil
Vohipeno	30 tonnes of rice	
Farafangana		7 tonnes of rice, beans and oil

Table 4: Coordination in health activities

Health	Ministry of Health	BNGRC	UNICEF
Manakara	Mosquito net, tents, drugs, rehydration solution, couverture.	400 mosquito nets	5,000 mosquito nets
Mananjary	Mosquito net, tents, drugs, rehydration solution, couverture.	400 mosquito nets	1,000 mosquito nets, 900 couvertures.
Vohipeno	Mosquito net, tents, drugs, rehydration solution, couverture.	400 mosquito nets	
Farafangana	Mosquito net, tents, drugs, rehydration solution, couverture.	400 mosquito nets	
Nosy Varika	Mosquito net, tents, drugs, rehydration solution, couverture.	400 mosquito nets	
Vangaindrano	Mosquito net, tents, drugs, rehydration solution, couverture.	400 mosquito nets	

Table 5: Coordination in shelter activities

Shelter	CARE	UNICEF	MRCS	BNGRC
Manakara		Plastic sheeting	Family kit	200 couettes, 200 draps
Mananjary	Plastic sheeting 7 tons	Plastic sheeting	Family kit	200 couettes, 200 draps
Vohipeno			Family kit, 30 plastic sheeting	200 couettes, 200 draps
Farafangana			Family kit	200 couettes, 200 draps
Nosy Varika			Family kit	200 couettes, 200 draps
Vangaindrano			Family kit	200 couettes, 200 draps

Table 6: Coordination in logistic

	Agro Action Allemande	Civil Protection
Mananjary	Warehouse 500 tonnes	Trucks 3 tonnes
Farafangana	Warehouse 500 tonnes	

Red Cross and Red Crescent action

Over 350 volunteers of the MRCS have been mobilized. They have already helped affected families to evacuate persons and goods from affected areas. They carried out rapid damage assessments, and at the same time, carried out basic health and hygiene sensitization campaigns with these families. They are managing IDP camp by providing support in cooking and hygiene promotion.



Malagasy Red Cross Society volunteers receiving briefing and refresher training.
Photo by MRCS.

Families who lost their homes during the cyclone and the resulting floods have sought temporary shelter in schools, community houses and with relatives. A total of 27 IDP camps were originally identified. And although the number of people in emergency shelters will reduce, there will still be some IDP camps until families have rebuilt their homes. MRCS volunteers are supporting these displaced families in hygiene and cooking activities since 12 March 2010. With water levels receding, many IDPs are returning to destroyed and severely damaged homes.

The MRCS has started mobilising family kits to be distributed to the affected population. Family kits, which include eating and cooking equipment, will help families take up their daily home activities. A WatSan Kit 5 mobilised from regional stocks has reached the affected area and will provide treated water to 5,000 beneficiaries. The National Society currently has emergency health activities in 2 of the affected districts in response to the Chikungunya outbreak. The spread of the vector borne disease and diarrhoea is expected to increase with the floods and health and hygiene sensitization is being developed as part of this operation.



MRCS volunteer takes inventory of Water treatment stocks.
Photo by MRCS.

The needs

The following table shows needs identified by MRCS and other actors in rapid assessments.

Table 7: Needs for affected families

DISTRICTS	IDP CAMP	HOUSEHOLD	NUTRITION	WATSAN	HEALTH
AMBATONDRAZAKA	Camp management		Seeds distribution	<ul style="list-style-type: none"> • Wells treatment. • Sensitization in hygiene. • Sanitation. • Distribution of kit wash. 	
NOSY VARIKA	Camp management	Kit kitchen, kit wash, Recovery tools	Food and seeds distribution	<ul style="list-style-type: none"> • Safe water distribution. • Wells treatment. • Sensitization in hygiene. • Sanitation. • Distribution of kit wash. 	Outbreak tracking, (Chikungunya Diarrhea), Medical care. Distribution of MILD (mosquito net)
MANAKARA	Camp management	Kit kitchen, kit wash,	Food and seeds distribution	<ul style="list-style-type: none"> • Wells treatment. • Sensitization in hygiene. • Sanitation. • Distribution of kit wash. 	Medical care. Distribution of MILD
IKONGO					
VOHIPENO	Camp management	Distribution of Kit family Recovery material	Food and seeds distribution	<ul style="list-style-type: none"> • Safe water distribution. • Wells treatment. • Sensitization in hygiene. • Sanitation. • Distribution of kit wash. 	Outbreak tracking Medical care. Distribution of MILD
MANANJARY	Camp management	Distribution of Kit family	Food and seeds distribution	<ul style="list-style-type: none"> • Wells treatment. • Sensitization in hygiene. • Sanitation. • Distribution of kit wash. 	Outbreak tracking Medical care. Distribution of MILD
VANGAINDRANO	Camp management	Distribution of Kit family	Food and seeds distribution	<ul style="list-style-type: none"> • Safe water distribution. • Wells treatment. • Sensitization in hygiene. • Distribution of kit wash. 	Outbreak tracking Medical care. Distribution of MILD

IFANADIANA					
FARAFANGANA	Camp management	Distribution of family kit	Food and seeds distribution	<ul style="list-style-type: none"> • Safe water distribution. • Wells treatment. • Sensitization in hygiene. • Distribution of kit wash. 	Medical care. Distribution of MILD

During its rapid assessment, the MRCS identified approximately 5,000 families in need of emergency aid. The International Federation of Red Cross and Red Crescent Societies (IFRC) vulnerability criteria (families with children under 5 years, pregnant women, lactating mothers, old or disable persons or women headed households) have been used to identify the target group for this DREF operation. Many families have lost their household items in the cyclone, wells have been contaminated and stagnant water is threatening the increase of vector borne diseases.

The MRCS needs financial and technical support in carrying out detailed needs assessment targeting approximately 5,000 families in the distribution of household items and provision of clean water to the affected population as well as treatment of wells in 7 districts.

The proposed operation

The MRCS plans to provide 5,000 families in 7 districts with kitchen sets, wash kits and safe drinking water to help them take up their normal daily activities.

The MRCS has already pre-positioned stock in Antananarivo and La Reunion. Access to safe water has been identified as a priority need following extensive flooding and the potential risk for outbreaks of water borne diseases. The National Society plans to distribute safe drinking water to the affected population and to carry out an extensive wells disinfection exercise alongside a hygiene and sanitation campaign. WatSan Kit 5 mobilised from PIROI warehouse in la Réunion will provide the National Society with the means to provide clean drinking water in large quantity where affected populations are in groups, as well as household WatSan kits for individual households and isolated families.

As family goods have been destroyed or lost during the emergency, family kits (comprised of cooking pots, plates and cutlery) and wash kits (comprised of a bucket, jerry can, cup, soap and wash basin) will be distributed to provide minimum basic cooking and hygiene equipments.

General objective: To provide the affected population with the basic equipment to improve their daily lives and contribute to improved health.

Water, sanitation and hygiene promotion

Objective: To improve safe water access to approximately 5,000 most vulnerable families who have been affected by the cyclone.

Activities planned

- Mobilize, train and deploy volunteers to conduct detailed assessment in existing coverage in five districts.
- Mobilize PIROI and MRCS water supply equipment to provide affected population with safe water in critical areas.
- Procure and distribute household WatSan kits to 5,000 families.
- Clean and disinfect affected wells in 7 districts.
- Carry out hygiene and sanitation awareness campaign to reduce risk of water and vector borne disease.
- Procure and distribute family WatSan kits for household water treatment and safe storage.

Relief distributions (food and basic non-food items)

Objective 1: To distribute family kits to approximately 5,000 affected families.

Activities planned

- Mobilize, train and deploy volunteers to conduct detailed assessment in existing coverage in five districts.
- Develop beneficiary targeting strategy and registration system to deliver intended assistance.
- Procure and distribute 5,000 family kits.
- Monitor and evaluate the relief activities and provide reporting on relief distributions.

Objective 2: To provide basic services in temporary IDPcamps.

Activities planned

- Mobilize, train and deploy volunteers to coordinate basic service in Camps (food distribution, water supply, sanitation and health sensitization).
- Develop registration system to deliver intended assistance.

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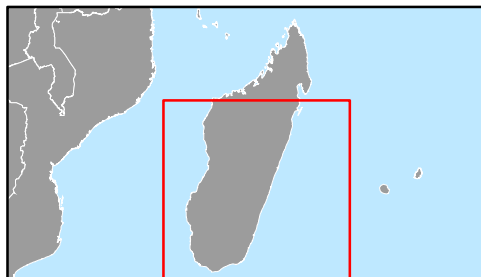
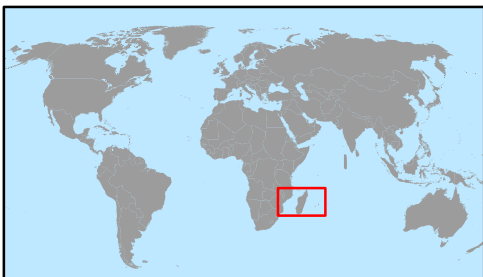
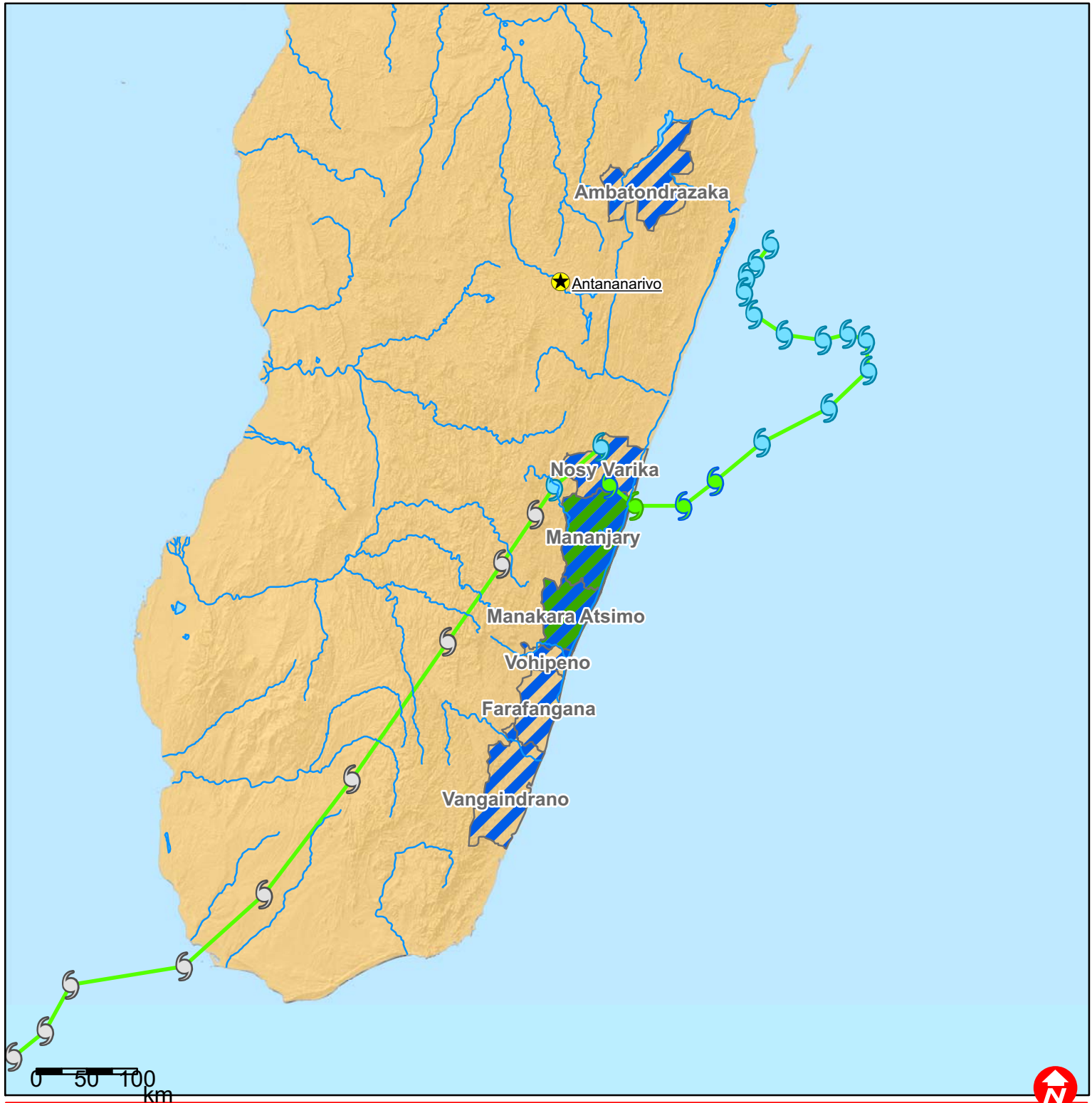
[<DREF budget and map below; click here to return to the title page>](#)







DREF NUMBER MDRMG006		DREF NAME Madagascar – Cyclone Hubert		Date: 25 March 2010	
BUDGET SUMMARY					
Budget Group			DREF Grant Budget	TOTAL CHF	BUDGET
500	Shelter - Relief		0		0
501	Shelter - Transitional		0		0
502	Construction - Housing		0		0
503	Construction - Facilities / Infrastructure		0		0
505	Construction - Materials		0		0
510	Clothing and Textiles		0		0
520	Food		0		0
523	Seeds and Plants		0		0
530	Water and Sanitation		155,873		155,873
540	Medical and First Aid		0		0
550	Teaching Materials		0		0
560	Utensils and Tools		27,778		27,778
570	Other Supplies and Services and Cash Disbursements		0		0
Total Supplies			183,651		183,651
580	Land and Buildings		0		0
581	Vehicles		0		0
582	Computer and Telecom		0		0
584	Office/Household Furniture and Equipment		1,278		1,278
587	Medical Equipment		1,556		1,556
589	Other Machinery and Equipment		0		0
Total Land, vehicles and equipment			2,834		2,834
590	Storage		1,000		1,000
592	Distribution and Monitoring		0		0
593	Transport and Vehicle Costs		22,534		22,534
Total Transport and Storage			23,534		23,534
600	International Staff		0		0
640	Regionally Deployed Staff		14,466		14,466
661	National Staff		14,194		14,194
662	National Society Staff		20,425		20,425
669	Other Staff benefits		0		0
670	Consultants		0		0
Total Personnel			49,085		49,085
680	Workshops and Training		0		0
Total Workshops and Training			0		0
700	Travel		0		0
710	Information and Public Relation		0		0
730	Office Costs		0		0
740	Communications		3,967		3,967
750	Professional Fees		0		0
760	Financial Charges		0		0
790	Other General Expenses		0		0
Total General Expenditure			3,967		3,967
830	Cash Transfers to National Societies		0		0
831	Cash Transfers to 3rd parties		0		0
Total Contributions and Transfers			0		0

599	Program Support	17,100	17,100
Total Programme Support		17,100	17,100
594	Services & Recoveries	0	0
799	Shared Services	0	0
Total Services		0	0
TOTAL BUDGET		280,171	280,171



Madagascar: Cyclone Hubert



-  Severe tropical storm
-  Moderate tropical storm
-  Tropical depression
-  Not classified
-  Districts affected by Hubert
-  Districts with chikungunya outbreak

The maps used do not imply the expression of any opinion on the part of the International Federation of the Red Cross and Red Crescent Societies or National Societies concerning the legal status of a territory or of its authorities.

Map data sources: ESRI, DEVINFO, International Federation, Meteo France - MDRMG006.mxd