

# Final report



International Federation  
of Red Cross and Red Crescent Societies

## Central America: Floods

Final report  
Emergency appeal n° MDR43004  
Glide No. FL-2008-000198-HND,  
NIC, BLZ, GTM  
29 October 2009

Period covered by this narrative Final Report: 3 April to 24 July 2009.

Appeal target: CHF 1,469,778  
(USD 1,288,657 or EUR 970,663).

Final Appeal coverage: 83%

[<Click here to go directly to the final financial report, or here to view the contact details>](#)

### Appeal history:

- This Emergency Appeal was initially launched on a preliminary basis on 24 October 2008 for CHF 1,110,911 (USD 1,015,550 or EUR 707,586); for nine months to assist 30,000 beneficiaries.
- CHF 271,000 (USD 247,715 or EUR 172,611) was allocated from the Federation's Disaster Relief Emergency Fund (DREF) on 20 October 2008 to support the National Societies.
- CHF 119,300 (USD 109,049 or EUR 75,987) was allocated from the Federation's Disaster Relief Emergency Fund (DREF) on 28 October 2008 to support the National Society of Belize in delivering immediate assistance to some 2,000 beneficiaries.
- On 31 October 2008, the budget was revised to CHF 1,513,927 CHF (USD 1,388,924 or EUR 970,466) for nine months to reach 32,000 beneficiaries.
- On 1 April 2009, the budget was revised (due to the appeal coverage) to **CHF 1,469,778 (USD 1,288,657 or EUR 970,663)**, for nine months to reach 32,000 beneficiaries.

### Summary:

Since 16 October 2008, a series of severe meteorological events affected the countries of Belize, Guatemala, Honduras and Nicaragua, with heavy rains and floods affecting more than 330,000 people in these countries. Houses and public infrastructure were damaged and crops were lost. The National Societies of the affected countries drew up plans of action to assist people with essential relief items and carry out capacity-building activities.

Institutions which contributed to this Appeal include the Italian and Swedish governments, as well as Partner National Societies: the American Red Cross, the British Red Cross, the Canadian Red Cross, the Finnish Red Cross, the Japanese Red Cross Society and the Netherlands Red Cross Societies. Thanks to the contributions, the affected National Societies of Belize, Honduras, Guatemala and Nicaragua were able to complete the relief phase planned at the onset of the emergency during the period October to December



Belize Red Cross Society volunteers during distributions in the Cayo district.

2008. A total of 6,922 families were reached by providing essential relief items in all four countries. Additionally this emergency appeal included specific water and sanitation, shelter, early recovery and National Society capacity-building activities. The water and sanitation objective was funded by bilateral contributions in some countries and after damage and need assessments were completed, it was decided that shelter activities were no longer required. The remaining objectives could not be completed as planned since the full funding target for the Appeal was not reached.

## The situation

On 16 October 2008, the entire Central American region was affected by heavy rain, due to Tropical Depression number 16 (TD16). **Belize** was drenched with constant rain, overflowing several rivers and affecting many villages in several districts. Several of these districts (Orange Walk and Corozal) sustained damages by floods due to Tropical Storm Arthur, four months earlier in June 2008. Several sections of Cayo district were declared a disaster area. A total of 38,000 people were affected in approximately 24 communities. Temporary emergency shelters were opened, initially housing 400 evacuated people. Livelihoods in farming, commerce and tourism were affected by the floods, but mainly due to interruptions in transportation. Many of the people affected were farmers whose main livelihood is agriculture. Due to the floods, farmers lost corn, rice, bean and papaya crops. The National Emergency Management Organization responded to the emergency by evacuating people and distributing emergency relief items.

In **Belize**, the flood warnings brought back the horrors of the recently experienced floods of Tropical Storm Arthur, just two months prior to TD 16. After the first days of the floods, the Belize Red Cross Society (BRCS) worked in the southern districts of Toledo and Stann Creek on Community Risk Reduction and conducted community trainings in disaster preparedness and response. New National Intervention Teams were also formed and trained. The readiness was evident. However, in Stann Creek, the temporary Kendal Bridge on the southern highway was once again affected, leaving the Belize Defense Force in charge of getting people across the river by boat, the only medium to connect with the rest of the country. At the same time, in Toledo, 40 people had been evacuated and shelters were opened in the communities of Santa Anna, Jordan and Sunday Wood. The most affected communities were as follows:

| CAYO                | BELIZE              | ORANGE WALK      |
|---------------------|---------------------|------------------|
| Bullet Tree #1      | Scotland Half Moon  | Douglas          |
| Bullet Tree Proper  | Flowers Bank        | Orange Walk Town |
| Paslow Falls        | Rancho Dolores      | San Estevan      |
| 7 Miles/El Progreso | Lemonal             | Rhaburn Ridge    |
| San Ignacio         | Willows Bank        |                  |
| Benque Viejo        | Butter Cup          |                  |
| Calla Creek         | Maypen              |                  |
| Arenal              | Burrell Boom        |                  |
|                     | St. Paul's Bank     |                  |
|                     | Isabella Bank       |                  |
|                     | Crooked Tree        |                  |
|                     | Ridge Lagoon        |                  |
|                     | Rhaburn Ridge       |                  |
|                     | Double Head Cabbage |                  |

In **Honduras**, torrential rains across the entire territory, especially in the southern departments of Choluteca and Valle, and the northern department of Cortés, caused flash floods and mudslides. Bridges, roads, and crops were damaged or destroyed. Many people were forced out of their homes. TD16 caused rivers to overflow, flooding communities settled along the rivers including the municipalities of Potrerillos, Pimienta and Villanueva in the department of Cortés, and El Progreso in the department of Yoro (northern region). Similar conditions were experienced when Hurricane Mitch devastated the country in 1998.

Additional floods were caused by the programmed discharge of water in the main dam in the department of Cortés. A national red alert indicating the severity of the emergency, was declared by the Permanent Contingency Commission (Comisión Permanente de Contingencias - COPECO) for the municipalities of Corquín and Cucuyagua in the Copán province, Belén, Gualcho in Ocotepeque and the province of Cortés.

More than 279,972 people were affected by the floods. In addition, more than 16,000 houses sustained damages while 250 were completely destroyed in the department of Cortés. A total of 1,660 hectares of maize, palm trees, plantain, and sugar cane crops in the agricultural sector were affected. The emergency caused the death of 13 people. The people affected by the emergency lived in high risk areas, characterized by high unemployment rates and an inadequate health system.

In **Guatemala**, the government declared a state of emergency in 27 municipalities in El Petén and Quiché located along rivers and lowlands of the country. The floods claimed the lives of four people and affected over 24,332 people. According to the National Coordinating Body for Disaster Reduction (Coordinadora Nacional para la Reducción de Desastres - CONRED), the heavy rain affected approximately 183 communities in the northern and north-eastern territories in the departments of Alta Verapaz, Baja Verapaz, Chimaltenango, Izabal, Petén, Quiché and El Progreso.

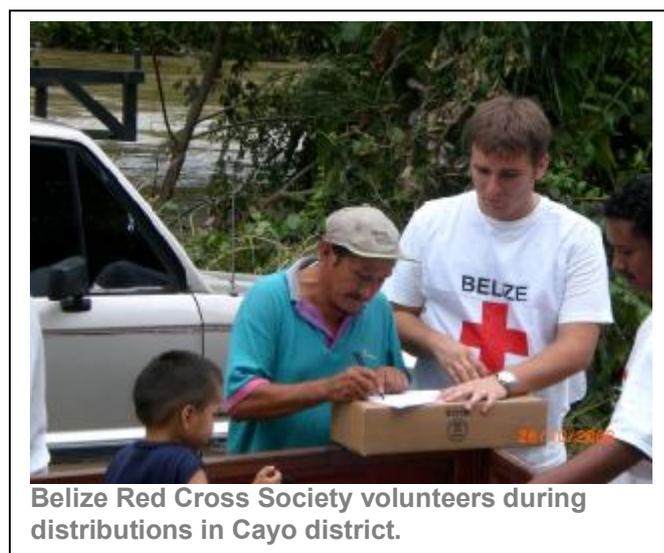
Some communities were isolated, while more than 5,000 houses and 114 roads were destroyed or damaged. The most affected department was El Petén. However, Alta Verapaz had the highest number of affected persons (13,400), followed by Izabal (some 13,000 affected).

In addition, a large number of crops were lost due to the floods. The CONRED mobilized immediate response teams into various affected municipalities and was in charge of coordinating the response efforts. The President of Guatemala allocated USD 3,000,000 for the mayors and governors of the affected areas. 35 temporary shelters were opened and managed by local authorities in coordination with the Guatemalan Red Cross local branches in Petén, Puerto Barrios, Santo Tomás de Castilla and Estor.

In **Nicaragua**, the intense rains left four people dead and 10,633 people affected in eight departments, including Chinandega, Madriz, Estelí, León, Managua, Granada and Rivas. A total of 22 emergency shelters were opened, housing approximately 1,500 people, while other affected people stayed with friends and family. The department of Chinandega, where 95 per cent of income comes from agricultural activities, lost most of its crops due to the floods. The members of the National System for Disaster Prevention, Mitigation and Response (Sistema Nacional para la Prevención, Mitigación y Atención de Desastres - SINAPRED) coordinated rehabilitation activities in the region.

## Red Cross and Red Crescent action

The **Belize Red Cross Society** conducted damage and needs assessments at the onset of the emergency in all the affected areas of the country. The BRCS provided hot meals for people in shelters. National Intervention Team (NIT) members specialized in water and sanitation and first aid responded swiftly to the emergency to attend injured people. The NIT members also installed one emergency water plant and relocated one portable water unit to Cayo from Belize City. This portable water unit provided water for smaller villages not reached by the water plant. Volunteers in southern Belize, including NIT members, assisted with evacuations from affected areas. More than 30 NIT members were deployed to the Cayo area to perform initial assessments and deliver supplies, while another 30 were deployed to the Belize River Valley to provide water and food.



Belize Red Cross Society volunteers during distributions in Cayo district.

Initially the BRCS drew up a preliminary plan of action for 400 families that included distribution of food and non-food items. Assessments carried out later identified 1,101 families, representing a total of 5,031 persons that were affected and were in need of assistance. Based on these assessments the Belize Red Cross Society committed to assist 922 families, representing 4,266 persons and conducted distributions of food, (cooked and uncooked), water, clothing, hygiene kits, kitchen

sets, mosquito nets, jerry cans, school kits and blankets, and in addition, water filters were installed.

The BRCS carried out a training of some 60 National Intervention Team (NIT) members and some 100 Community Disaster Response Team Members (CDRT) through a DiPECHO and Norwegian Red Cross funded Community Disaster Risk Reduction programme conducted in the Toledo and Stann Creek districts. Approximately 45 NIT members participated in assessments and relief distributions in all three of the affected areas: 24 in Cayo and 21 in the Belize River Valley. Additionally, 22 volunteers participated from the district of Orange walk. At headquarters there were 15 volunteers in addition to staff that assisted on a rotation basis.

A team of 16 high school students and 2 adults were trained and became the National Psychosocial Support Team. As in Tropical Storm Arthur, this team conducted a two day game therapy camp for children from 3 to 14 years from the affected village of Calla Creek in the Cayo District.

Since April 2009, the BRCS has carried out two more food distributions in all three affected areas. The local branches participated in capacity-building in Shelter Management and Vulnerability and Capacity Assessment (VCA) learning-by-doing trainings. Also, through the Norwegian Red Cross and DIPECHO programme funding proposal the Vulnerability and Capacity Assessment was conducted in 5 communities in the Cayo district and 8 communities in the Belize district. On 14 and 15 August 2009 a total of 263 school kits were distributed to the children in the affected areas of the Cayo District and 239 to those in the Belize district just in time to meet the demands of the new 2009 school year in September. A total of approximately 20 volunteers including NIT members were involved in this distribution.

In the beginning of the emergency the **Honduran Red Cross (HRC)** activated its NIT members. The HRC drew up a plan of action that included the distribution of food and non-food items, early recovery and capacity-building activities for more than 14,000 families. The International Federation/Honduran Red Cross Appeal aimed to assist 3,000 families with food and non-food items. Through the Office for Disaster and Emergency Management (Oficina para la Administración de Desastres y Emergencias - OPADE), the HRC conducted initial assessments and identified the most affected communities, and the number of targeted beneficiary families. The Pan American Disaster Response Unit (PADRU) deployed two disaster management delegates, and a Regional Intervention Team (RIT) member specialized in Information to assist in carrying out initial assessments, the design of a plan of action and the distributions of relief items. HRC volunteers provided 5,600 families with blankets and food items to those housed in temporary shelters thanks to a television network that conducted a nation-wide relief campaign. The HRC activated regional warehouses and mobilized food items to distribution points. The HRC has a detailed proposal for early recovery activities, shelter, water and sanitation, and rehabilitation of livelihoods that was reviewed by the International Federation. Nonetheless, this proposal will not be implemented due to lack of funding. Therefore, the plan focused only on the delivery of food and non-food items (relief phase).

The **Guatemalan Red Cross (GRC)** with the support of the Norwegian Red Cross activated its NIT from the beginning of the emergency and performed evacuation activities and damage and need assessments in the affected areas. The GRC provided first aid care, managed temporary shelters and carried out needs assessments. NIT members specialized in water and sanitation, along with equipment, were deployed to the most affected areas (department of Petén and Izabal). GRC volunteers from several local branches distributed 1,500 family kits supplied by the National Disaster Secretariat. The plan of action of the GRC aimed to deliver food and non-food assistance to 2,000 families. Six Damage and Needs Assessment teams were deployed to the department of Quiché to perform damage assessments in 14 communities. One general RIT member was deployed by PADRU from 24 October to 7 November 2008 to Guatemala, and provided assistance to the operation.

The **Nicaraguan Red Cross** conducted and completed the assessments in the affected areas in coordination with members of SINAPRED. The NRC plan of action included provision of food items and non-food items for 1,000 families. A water and sanitation officer carried out a mission in the country to assist the National Society in implementing cleaning activities for 250 wells. A RIT was deployed by the Pan-American Disaster Response Unit to support the NRC. Also, the operation covered meals and per diem for volunteers.

## Achievements against objectives

This final report shows the relief distributions accomplished by the National Societies. In addition, it provides a brief explanation as to why several objectives of the Appeal could not be carried out.

### distributions (food and basic non-food items)

**Objective: 6,701 families (3,000 families in Honduras, 2,000 families in Guatemala, 1,000 families in Nicaragua and 701 families in Belize) will benefit from the provision of essential food items and non-food items to recover from the effects of the emergency. Procurement will also replenish HRC, GRC and BRCS relief stocks (see table below), therefore strengthening and re-establishing their response capacity for future relief operations.**

| Expected results                                    | Activities planned   |
|---|--|
| 6,701 families will receive essential relief items. | <ul style="list-style-type: none"> <li>• Coordination with public institutions.</li> <li>• Verification and census of the most affected population.</li> <li>• Purchase of food items.</li> <li>• Purchase of non-food items by Regional Logistics Unit (RLU).</li> <li>• Transport, customs and logistics arranged by RLU.</li> <li>• Distribution of food and non-food items.</li> <li>• Monitoring and evaluation.</li> </ul> |

### Progress

#### Belize

The Regional Logistics Unit (RLU) in Panama, sent by truck 810 light blankets, 400 hygiene kits, 900 collapsible jerry cans, and 1,490 mosquito nets. In addition to blankets, hygiene kits, mosquito nets and jerry cans, the BRCS also distributed 242 buckets and 500 food parcels in Cayo district, Belize River Valley and Orange Walk. A total of 922 families were reached through the distribution of food parcels and non-food items, completing and surpassing the objective for Belize. However, the full amount of items shipped by PADRU was not distributed as the National Emergency Management Organization (NEMO) and the National Society had already carried out a number of distributions. The unused balance was put into pre-positioned stocks for the headquarters and branches.

Of the 1,490 mosquito nets and 900 jerry cans sent by PADRU, 477 and 529 respectively were distributed. The balance of items remains as prepositioned items for preparedness at headquarters and branches. (See the distribution table below).

**Table of distributions by districts and items**

| Total Communities                   | # Fam      | Blankets    | Hygiene Kits | Mosquito nets | Jerry cans |
|-------------------------------------|------------|-------------|--------------|---------------|------------|
| Cayo District                       | 394        | 689         | 292          | 223           | 200        |
| <i>Belize District</i>              | <i>351</i> | <i>523</i>  | <i>314</i>   |               |            |
| Orange Walk District                | 177        | 400         | 340          | 254           | 329        |
| <b>Grand Total Distributed</b>      | <b>922</b> | <b>1612</b> | <b>946</b>   | <b>477</b>    | <b>529</b> |
| <b>Total remaining in warehouse</b> |            | none        | none         | 1,013         | 371        |

It is proposed to distribute the remaining mosquito nets throughout the Cayo District where there has been a recent outbreak of dengue fever.

In the aftermath of the floods, the residents of the three affected areas not only lost their personal belongings, but for the most part, they lost their capacity to sustain themselves on a daily basis. Jobs in the tourism industry were suspended or terminated due to decrease in tourism activity in the area, especially in the case of the Cayo District which has some of the most popular tourist destinations and is on the border with Guatemala. With agriculture being so badly damaged, subsistence farming was eliminated and some livelihoods paid the price. Others could not leave their homes to attend their jobs outside of the affected areas. The assistance given to these people provided them with the much needed nutrition, clothing, household items such as blankets and bed nets. In addition, the Government of Belize provided household items such as furniture and electrical appliances, inclusive of stoves and refrigerators. The hygiene kits distributed assisted in reducing the risk of illness, as did the distribution of medicine and medical attention by the Ministry of Health. School children from the Cayo district, whose families were affected, received a

cooked meal everyday for two months. This assisted the families by lessening the burden of having to provide for their children.

Within this objective, it was planned to benefit 701 families to the affected areas in Belize. An additional 221 families were benefited by essential relief items; therefore reaching 922 families.

### Challenges

A challenge encountered within this objective was the inaccessibility to some of the villages. Boat was the only method of transportation and this was not always facilitated. There were also reports of duplication of distributions due to other organizations carrying out their own distributions without coordination with the already existing parties in the operation; thus, the need for more efforts in the coordination meetings is needed for future operations.

### Honduras

The Regional Logistics Unit mobilized three trucks of non-food-items for 3,000 families (including 1 hygiene kit, 1 kitchen kit, 2 mosquito nets and 2 jerry cans per family). Appeal funds also covered custom fees of the NFI.

The HRC coordinated the beneficiary selection process with local emergency committees. The selection was based on the following criteria:

- Residence in an affected community.
- Family affected by the emergency (flooded house, loss of crops, loss of livestock).
- Persons belonging to one of the most vulnerable groups (single mothers, low income families, people with disabilities).

The Honduran Red Cross received and distributed 3,000 kitchen kits, hygiene kits (1 per family) and 6,000 mosquito nets and jerry cans (2 per family). In addition, 3,000 complementary food parcels were procured and distributed. The following chart demonstrates the departments and quantities distributed:

| Department         | Food Parcels | Kitchen Kits | Hygiene kits | Mosquito nets | Jerry Cans   |
|--------------------|--------------|--------------|--------------|---------------|--------------|
| Choluteca          | 980          | 980          | 980          | 1,960         | 1,960        |
| Valle              | 20           | 20           | 20           | 40            | 40           |
| Cortés             | 600          | 600          | 600          | 1,200         | 1,200        |
| El Paraiso         | 400          | 400          | 400          | 800           | 800          |
| Yoro (El Progreso) | 1,000        | 1,000        | 1,000        | 2,000         | 2,000        |
| <b>Total</b>       | <b>3,000</b> | <b>3,000</b> | <b>3,000</b> | <b>6,000</b>  | <b>6,000</b> |

The objective for Honduras was completed by reaching 3,000 families with essential food and non-food items. The distribution process in this country was carried out successfully with minor delays experienced in customs during the holiday season in December 2008.

### Guatemala

Each of the 2,000 families in Guatemala received a food parcel, a hygiene kit, two buckets and mosquito nets (4,000, 2 per family). The GRC identified and selected the beneficiary families and distributed the relief items among the departments of Alta Verapaz, Petén, Izabal and Quiché.

The complementary food parcels contained: corn flour, beans, rice, cooking oil, salt, sugar, and maize flour. The hygiene kits contained: soap, shampoo, toothbrush, toilet paper, deodorant, comb and razors.

**Distribution table for food parcels in Guatemala**

| Department | Municipality | Community            | N° of families |
|------------|--------------|----------------------|----------------|
| Peten      | La Libertad  | Cooperative Ixmucané | 101            |

|              |            |                                     |              |
|--------------|------------|-------------------------------------|--------------|
|              |            | Cooperativa La Flor de la Esperanza | 65           |
|              |            | La Bella Guatemala                  | 94           |
|              |            | Cooperativa Santa Rosita            | 40           |
|              |            | Coperativa Laureles                 | 117          |
|              |            | Parcelamientos Ixcoch               | 43           |
|              |            | <b>Total per municipality</b>       | <b>460</b>   |
|              | Dolores    | Brisas del Chiquibul                | 140          |
|              |            | Cooperativa Valle de la Esmeralda   | 118          |
|              |            | Aldea Nuevo Progreso                | 16           |
|              |            | Aldea Los Limones                   | 16           |
|              |            | San Luis Palo Grande                | 65           |
|              |            | <b>Total per municipality</b>       | <b>355</b>   |
|              | Poptun     | Secacao, Machaca III                | 23           |
|              |            | San José, Machaca III               | 37           |
|              |            | Las Flores, Machaca III             | 26           |
|              |            | San Pedro, Machaca III              | 56           |
|              |            | <b>Total per municipality</b>       | <b>142</b>   |
|              | San Andrés | La Unión                            | 45           |
|              |            | <b>Total per municipality</b>       | <b>45</b>    |
|              |            | <b>Total per department</b>         | <b>1,002</b> |
| Izabal       |            | <b>Total per department</b>         | <b>476</b>   |
| Alta Verapaz | Coban      | San José Icbolay                    | 121          |
|              |            | _Brisas Chixoy                      | 16           |
|              |            | Yalicar                             | 48           |
|              |            | Entre Ríos                          | 29           |
|              |            | Plan Nuevo Amanecer                 | 37           |
|              |            | Tierra Blanca Sebol                 | 60           |
|              |            | Tierra Blanca Salinas               | 37           |
|              |            | Tierra Blanca Chixoy                | 48           |
|              |            | Isla de las Tortugas                | 25           |
|              |            | Santa Marta Salinas                 | 40           |
|              |            | San Jorge la Unión                  | 41           |
|              | Senojá     | 20                                  |              |
|              |            | <b>Total per department</b>         | <b>522</b>   |
|              |            | <b>TOTAL</b>                        | <b>2,000</b> |

In the department of **Petén** a total of 1,002 food parcels, 1,000 plastic buckets and 1,017 hygiene kits were distributed in the different municipalities. A total of 522 food parcels in the municipality of Cobán, in the **Alta Verapaz** department were distributed to the most affected families, as well as 741 hygiene kits and 500 plastic buckets. In the department of **Izabal**, 476 food parcels and 876 hygiene kits were distributed in 17 communities.

#### Distribution of hygiene kits per department

| Department              | N° of Communities Reached | N° of Hygiene Kits |
|-------------------------|---------------------------|--------------------|
| El Petén                | 15                        | 1,017              |
| Izabal                  | 17                        | 876                |
| Alta Verapaz            | 14                        | 741                |
| El Quiche, Playa Grande | 7                         | 339                |
| Pending to be delivered | 0                         | 61                 |
| <b>Total</b>            | <b>53</b>                 | <b>3,034</b>       |

\*This distribution table includes hygiene kits that were procured locally through funds of this appeal and bilateral contributions provided by the United Nation's Population Fund.

Nicaragua

Each of the 1,000 families in Nicaragua targeted in the department of Chinandega received a food parcel (contents included rice, beans, sugar, oatmeal cooking oil, corn and salt), three blankets and two jerry cans. These were distributed as follows:

| Community         | No. families | No. of people | Children    | Children     | Adults       | Population by Gender |              |
|-------------------|--------------|---------------|-------------|--------------|--------------|----------------------|--------------|
|                   |              |               | 0 - 5 years | 6 - 15 years | 16 - + years | Male                 | Female       |
| Mata Palo         | 42           | 160           | 27          | 47           | 86           | 91                   | 69           |
| Cepas             | 30           | 108           | 17          | 27           | 64           | 56                   | 52           |
| Huertas           | 32           | 93            | 10          | 34           | 49           | 52                   | 41           |
| Birmania          | 19           | 45            | 6           | 5            | 34           | 24                   | 21           |
| Aquezpalapa       | 82           | 292           | 44          | 84           | 164          | 150                  | 142          |
| Jicote            | 113          | 310           | 39          | 69           | 202          | 163                  | 147          |
| Platanal          | 97           | 417           | 66          | 114          | 237          | 220                  | 197          |
| El Porvenir       | 85           | 314           | 56          | 77           | 181          | 159                  | 155          |
| Mayocunda         | 98           | 427           | 74          | 112          | 241          | 229                  | 198          |
| Pozas             | 27           | 125           | 23          | 33           | 64           | 62                   | 58           |
| Sta Paubla Las 40 | 162          | 827           | 117         | 246          | 464          | 393                  | 438          |
| Mata de Caña      | 60           | 254           | 30          | 74           | 150          | 131                  | 123          |
| Los Pizotes       | 20           | 79            | 9           | 17           | 53           | 41                   | 38           |
| Terencio Munguia  | 133          | 866           | 147         | 220          | 499          | 448                  | 418          |
| <b>Total</b>      | <b>1,000</b> | <b>4,317</b>  | <b>665</b>  | <b>1,159</b> | <b>2,488</b> | <b>2,219</b>         | <b>2,097</b> |

### Water and Sanitation

**Objective: The water and sanitation needs of the target population identified in the assessments are met with an appropriate planned programme. This plan may include an initial provision of clean drinking water to address emergency needs (e.g. ensure safe water supply by cleaning wells in Nicaragua, Guatemala and Honduras) and support for hygiene promotion and improved sanitation. This will be finalised following the findings of the current assessment.**

| Expected results  | Activities planned   |
|---|--|
| 250 families will benefit from increased hygiene promotion and improved sanitation.                               | <ul style="list-style-type: none"> <li>Conduct rapid emergency needs and capacity assessments.</li> <li>Cleaning and rehabilitating of 250 family wells, conducted by team consists of people specialized in water and sanitation and will use special equipment and chemical products.</li> </ul>   |
| 250 families will benefit from the supply of safe water, through well-cleaning activities in all three countries. | <ul style="list-style-type: none"> <li>Delivery of potable water to the affected families using cisterns.</li> <li>Distribute relief supplies (jerry cans and mosquito nets) and control supply movements</li> <li>Conduct information sessions on best hygiene practices to beneficiary families.</li> <li>Conduct a workshop for Red Cross volunteers focusing on the training of water well restoration after a flood emergency and dealing with safe water.</li> </ul> |

### Progress

In **Honduras**, thanks to international support, water and sanitation activities in the department of Yoro and Colon were carried out by the HRC. In **Guatemala**, partners in-country assisted the GRC with water and sanitation activities. Lastly, in **Nicaragua** 250 wells were cleaned by NRC technicians. However, the procurement of mosquito nets was cancelled, since this was not longer necessary as the dry season had started. Therefore, this objective was not covered through appeal funds, in view of the fact that the National

Societies of Guatemala, Honduras and Nicaragua, in coordination with other partners, carried out water and sanitation activities in the affected communities.

### Shelter

**Objective: The shelter needs of the target population in Belize, Nicaragua, Guatemala and Honduras identified in the assessments are met with an appropriate planned programme. This plan may include an initial distribution of shelter kits to address emergency needs and a more tailored response to address medium and longer-term needs. Pre positioning of shelter kits for HRC relief stocks may be considered to increase their response capacity for future shelter operations**

### Progress

As mentioned in the last operations update, the activities planned were no longer necessary since the damages sustained in these countries were not severe and the governments were able to provide assistance.

### Early Recovery

**Objective: Early recovery needs will be assessed, planned and implemented together with the affected communities and key local, national and international stakeholders.**

Livelihoods of most of the affected families were damaged or destroyed. Damage took place to orchards, family livestock and small-scale family businesses. The plan of action intended to carry out several rehabilitation activities in the affected countries. The objectives were intended to begin in January 2009. Due to the full funding for the Appeal not being available, these activities were not carried out.

### National Society Capacity Building

**Objective: The capacity of the National Red Cross Societies and their local branches will be strengthened.**

| Expected results  | Activities planned  |
|---|---|
| The National Red Cross Societies and their local branches will be better prepared for future disaster response. | <ul style="list-style-type: none"> <li>• Volunteers will receive visibility and relief equipment according to established standards.</li> <li>• Procurement of office equipment for the disaster response office</li> <li>• Procurement materials for repairing of damaged vehicle.</li> <li>• Procurement motor boat for relief activities (Guatemala and Honduras)</li> <li>• Conducting a workshop for Red Cross volunteers focusing on the training of disaster preparedness, food security, livelihoods and risk reduction.</li> </ul> |

### Progress

#### Belize

The Belize Red Cross Society conducted psychosocial support (PSP) camps in Calla Creek, Cayo targeting 100 children, and in Orange Walk reaching 20 children in shelters. BRCS volunteers trained in PSP conducted the camps, consisting of game therapy, social activities with children such as games, readings and drawings. Similar camps were carried out in Douglas, Orange Walk with at least 100 children and in Belize River Valley with 150 children. The PSP activities carried out helped the children cope with their situation after the emergency. Furthermore, additional volunteers were trained in PSP, therefore strengthening the National Society's capacity in the area. A



**Belize Red Cross Society volunteers carrying out psychosocial support activities with children. Source: Belize Red Cross Society.**

computer and a printer were acquired for the disaster response office of the National Society.

### Honduras

The HRC had scheduled a workshop on disaster preparedness and the procurement of visibility and relief equipment for volunteers. These activities were not carried out as a result of low appeal coverage. 300 t-shirts with the Red Cross emblem and two banners were purchased for visibility.

### Guatemala

It was planned that the local branches in Puerto Barrios, El Estor, Santo Tomas en Izabal, Petén and Cobán in Alta Verapaz would be fully equipped with volunteer equipment, office equipment (a computer) and repair materials for buildings, storage and maintenance of vehicles. The local branch in Petén was going to receive a motor boat to be used in future rescue operations. As a result of insufficient funding, the GRC only received support for vehicle maintenance. This Emergency operation covered the cost of visibility materials such as shirt, caps and stickers.

### Nicaragua

The NRC procured a radio antenna and was installed in the National Society headquarters. Additionally, supplies for vehicle maintenance as well as fuel were procured.

Despite the fact that funds were not available to cover the purchases and training under this objective, the deployment of NIT teams and volunteers and their active participation in the response to the emergency has strengthened the National Societies' human resources and promoted future preparedness.

## 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 Panama:** Mauricio Bustamante, Acting Head of the Pan-American Disaster Response Unit; e-mail: [mauricio.bustamante@ifrc.org](mailto:mauricio.bustamante@ifrc.org); phone: (507) 316 1001; fax: (507) 316 1082.
- **In Panama:** Natalia Garcia, disaster management delegate, PADRU; email: [Natalia.garcia@ifrc.org](mailto:Natalia.garcia@ifrc.org); phone: (507) 316 1001; fax: (507) 316 1082.
- **In Panama:** Fabricio Lopez, Representative of the Regional Representation Office for Central America and Mexico; email: [fabricio.lopez@ifrc.org](mailto:fabricio.lopez@ifrc.org); phone: (507) 380 0254; fax: (507) 317 1304.
- **In Trinidad and Tobago:** Tanya Wood, Representative of the Regional Representation Office; email [tanya.wood@ifrc.org](mailto:tanya.wood@ifrc.org); phone (868) 789 9493; fax: (868) 627 9627.
- **In Panama:** Maria Alcázar, Resource Mobilization Unit, Americas Zone; e-mail: [maria.alcazar@ifrc.org](mailto:maria.alcazar@ifrc.org); phone: (507) 380 0254; fax: (507) 317 1304
- **In Geneva:** Pablo Medina, Operations Coordinator for the Americas; e-mail: [pablo.medina@ifrc.org](mailto:pablo.medina@ifrc.org); phone: (41) 22 730 4300.

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

International Federation of Red Cross and Red Crescent Societies

MDR43004 - Central America - Floods

Final Report

| Selected Parameters |                 |
|---------------------|-----------------|
| Reporting Timeframe | 2008/10-2009/10 |
| Budget Timeframe    | 2008/10-2009/07 |
| Appeal              | MDR43004        |
| Budget              | APPEAL          |

All figures are in Swiss Francs (CHF)

## I. Consolidated Response to Appeal

|  | Goal 1: Disaster Management | Goal 2: Health and Care | Goal 3: Capacity Building | Goal 4: Principles and Values | Coordination | TOTAL            |
|--|-----------------------------|-------------------------|---------------------------|-------------------------------|--------------|------------------|
| <b>A. Budget</b>                                     | 1,469,778                   |                         |                           |                               |              | 1,469,778        |
| <b>B. Opening Balance</b>                            | 0                           |                         |                           |                               |              | 0                |
| <b>Income</b>  |                             |                         |                           |                               |              |                  |
| <b>Cash contributions</b>                            |                             |                         |                           |                               |              |                  |
| <i>American Red Cross</i>                            | 252,684                     |                         |                           |                               |              | 252,684          |
| <i>British Red Cross</i>                             | 89,622                      |                         |                           |                               |              | 89,622           |
| <i>Canadian Red Cross</i>                            | 48,403                      |                         |                           |                               |              | 48,403           |
| <i>Canadian Red Cross (from Canadian Government)</i> | 48,403                      |                         |                           |                               |              | 48,403           |
| <i>Finnish Red Cross</i>                             | 44,444                      |                         |                           |                               |              | 44,444           |
| <i>Italian Govt Bilateral Emergency Fund</i>         | 314,000                     |                         |                           |                               |              | 314,000          |
| <i>Japanese Red Cross</i>                            | 1,666                       |                         |                           |                               |              | 1,666            |
| <i>Netherlands Red Cross</i>                         | 150,761                     |                         |                           |                               |              | 150,761          |
| <i>Sweden Red Cross (from Swedish Government)</i>    | 75,004                      |                         |                           |                               |              | 75,004           |
| <b>C1. Cash contributions</b>                        | <b>1,024,987</b>            |                         |                           |                               |              | <b>1,024,987</b> |
| <b>Inkind Goods &amp; Transport</b>                  |                             |                         |                           |                               |              |                  |
| <i>Japanese Red Cross</i>                            | 26,212                      |                         |                           |                               |              | 26,212           |
| <b>C3. Inkind Goods &amp; Transport</b>              | <b>26,212</b>               |                         |                           |                               |              | <b>26,212</b>    |
| <b>Other Income</b>                                  |                             |                         |                           |                               |              |                  |
| <i>Voluntary Income</i>                              | 165,144                     |                         |                           |                               |              | 165,144          |
| <b>C5. Other Income</b>                              | <b>165,144</b>              |                         |                           |                               |              | <b>165,144</b>   |
| <b>C. Total Income = SUM(C1..C5)</b>                 | <b>1,216,342</b>            |                         |                           |                               |              | <b>1,216,342</b> |
| <b>D. Total Funding = B + C</b>                      | <b>1,216,342</b>            |                         |                           |                               |              | <b>1,216,342</b> |
| <b>Appeal Coverage</b>                               | <b>83%</b>                  |                         |                           |                               |              | <b>83%</b>       |

## II. Balance of Funds

|   | Goal 1: Disaster Management | Goal 2: Health and Care | Goal 3: Capacity Building | Goal 4: Principles and Values | Coordination | TOTAL      |
|---|-----------------------------|-------------------------|---------------------------|-------------------------------|--------------|------------|
| <b>B. Opening Balance</b>               | 0                           |                         |                           |                               |              | 0          |
| <b>C. Income</b>                        | 1,216,342                   |                         |                           |                               |              | 1,216,342  |
| <b>E. Expenditure</b>                   | -1,216,342                  |                         |                           |                               |              | -1,216,342 |
| <b>F. Closing Balance = (B + C + E)</b> | <b>0</b>                    |                         |                           |                               |              | <b>0</b>   |

International Federation of Red Cross and Red Crescent Societies

MDR43004 - Central America - Floods

Final Report

| Selected Parameters |                 |
|---------------------|-----------------|
| Reporting Timeframe | 2008/10-2009/10 |
| Budget Timeframe    | 2008/10-2009/07 |
| Appeal              | MDR43004        |
| Budget              | APPEAL          |

All figures are in Swiss Francs (CHF)

### III. Budget Analysis / Breakdown of Expenditure

| Account Groups                              | Budget           | Expenditure                 |                         |                           |                               |              | TOTAL            | Variance       |
|---|------------------|-----------------------------|-------------------------|---------------------------|-------------------------------|--------------|------------------|----------------|
|   |                  | Goal 1: Disaster Management | Goal 2: Health and Care | Goal 3: Capacity Building | Goal 4: Principles and Values | Coordination |                  |                |
| A   |                  | B                           |                         |                           |                               |              | A - B            |                |
| <b>BUDGET (C)</b>                           |                  | <b>1,469,778</b>            |                         |                           |                               |              | <b>1,469,778</b> |                |
| <b>Supplies</b>                             |                  |                             |                         |                           |                               |              |                  |                |
| Shelter - Relief                            |                  | 141                         |                         |                           |                               |              | 141              | -141           |
| Clothing & textiles                         | 101,308          | 83,182                      |                         |                           |                               |              | 83,182           | 18,126         |
| Food  | 436,000          | 445,441                     |                         |                           |                               |              | 445,441          | -9,441         |
| Seeds, Plants                               | 65,300           |                             |                         |                           |                               |              |                  | 65,300         |
| Water & Sanitation                          | 26,500           | 5,998                       |                         |                           |                               |              | 5,998            | 20,503         |
| Utensils & Tools                            | 135,794          | 124,407                     |                         |                           |                               |              | 124,407          | 11,387         |
| Other Supplies & Services                   | 197,000          | 148,459                     |                         |                           |                               |              | 148,459          | 48,541         |
| <b>Total Supplies</b>                       | <b>961,902</b>   | <b>807,627</b>              |                         |                           |                               |              | <b>807,627</b>   | <b>154,275</b> |
| <b>Land, vehicles &amp; equipment</b>       |                  |                             |                         |                           |                               |              |                  |                |
| Computers & Telecom                         | 24,400           | 16,634                      |                         |                           |                               |              | 16,634           | 7,766          |
| Others Machinery & Equipment                | 24,000           |                             |                         |                           |                               |              |                  | 24,000         |
| <b>Total Land, vehicles &amp; equipment</b> | <b>48,400</b>    | <b>16,634</b>               |                         |                           |                               |              | <b>16,634</b>    | <b>31,766</b>  |
| <b>Transport &amp; Storage</b>              |                  |                             |                         |                           |                               |              |                  |                |
| Storage                                     | 1,500            | 3,001                       |                         |                           |                               |              | 3,001            | -1,501         |
| Distribution & Monitoring                   | 31,000           | 15,995                      |                         |                           |                               |              | 15,995           | 15,005         |
| Transport & Vehicle Costs                   | 67,000           | 46,651                      |                         |                           |                               |              | 46,651           | 20,349         |
| <b>Total Transport &amp; Storage</b>        | <b>99,500</b>    | <b>65,646</b>               |                         |                           |                               |              | <b>65,646</b>    | <b>33,854</b>  |
| <b>Personnel</b>                            |                  |                             |                         |                           |                               |              |                  |                |
| International Staff                         |                  | 17,530                      |                         |                           |                               |              | 17,530           | -17,530        |
| Regionally Deployed Staff                   | 9,700            | 7,070                       |                         |                           |                               |              | 7,070            | 2,630          |
| National Staff                              |                  | 60,005                      |                         |                           |                               |              | 60,005           | -60,005        |
| National Society Staff                      | 63,251           | 54,170                      |                         |                           |                               |              | 54,170           | 9,081          |
| Consultants                                 | 12,000           |                             |                         |                           |                               |              |                  | 12,000         |
| <b>Total Personnel</b>                      | <b>84,951</b>    | <b>138,775</b>              |                         |                           |                               |              | <b>138,775</b>   | <b>-53,824</b> |
| <b>Workshops &amp; Training</b>             |                  |                             |                         |                           |                               |              |                  |                |
| Workshops & Training                        | 58,782           | 1,885                       |                         |                           |                               |              | 1,885            | 56,897         |
| <b>Total Workshops &amp; Training</b>       | <b>58,782</b>    | <b>1,885</b>                |                         |                           |                               |              | <b>1,885</b>     | <b>56,897</b>  |
| <b>General Expenditure</b>                  |                  |                             |                         |                           |                               |              |                  |                |
| Travel                                      | 29,500           | 18,445                      |                         |                           |                               |              | 18,445           | 11,055         |
| Information & Public Relation               | 11,998           | 5,606                       |                         |                           |                               |              | 5,606            | 6,392          |
| Office Costs                                | 15,210           | 10,547                      |                         |                           |                               |              | 10,547           | 4,663          |
| Communications                              | 22,500           | 14,167                      |                         |                           |                               |              | 14,167           | 8,333          |
| Professional Fees                           |                  | 778                         |                         |                           |                               |              | 778              | -778           |
| Financial Charges                           | 25,500           | 42,374                      |                         |                           |                               |              | 42,374           | -16,874        |
| Other General Expenses                      | 0                |                             |                         |                           |                               |              |                  | 0              |
| <b>Total General Expenditure</b>            | <b>104,708</b>   | <b>91,917</b>               |                         |                           |                               |              | <b>91,917</b>    | <b>12,790</b>  |
| <b>Programme Support</b>                    |                  |                             |                         |                           |                               |              |                  |                |
| Program Support                             | 95,536           | 81,481                      |                         |                           |                               |              | 81,481           | 14,054         |
| <b>Total Programme Support</b>              | <b>95,536</b>    | <b>81,481</b>               |                         |                           |                               |              | <b>81,481</b>    | <b>14,054</b>  |
| <b>Services</b>                             |                  |                             |                         |                           |                               |              |                  |                |
| Services & Recoveries                       | 16,000           | 12,376                      |                         |                           |                               |              | 12,376           | 3,624          |
| <b>Total Services</b>                       | <b>16,000</b>    | <b>12,376</b>               |                         |                           |                               |              | <b>12,376</b>    | <b>3,624</b>   |
| <b>TOTAL EXPENDITURE (D)</b>                | <b>1,469,778</b> | <b>1,216,342</b>            |                         |                           |                               |              | <b>1,216,342</b> | <b>253,436</b> |
| <b>VARIANCE (C - D)</b>                     |                  | <b>253,436</b>              |                         |                           |                               |              | <b>253,436</b>   |                |