

# DREF operation



International Federation  
of Red Cross and Red Crescent Societies

## Thailand: Monsoon Floods

DREF operation n° MDRTH001  
GLIDE n° **FF-2010-000207-THA**  
27 October 2010

CHF 356,617 has been allocated from the IFRC's Disaster Relief Emergency Fund (DREF) to support the Thai Red Cross Society (TRCS) in delivering immediate assistance to 50,000 beneficiaries for two months. Un-earmarked funds to replenish the DREF are encouraged.

### Summary

The worst floods across 30 provinces in Thailand have affected an estimated 474,021 families or 1,344,824 individuals). The death toll now stands at 34 people and one reported missing according to Department of Disaster Prevention and Mitigation (DDPM) reports on 23 October 2010.

After weeks of unusually heavy monsoon rains and subsequent floods, Thailand faces even more severe flooding with the water contained in various large dams approaching crisis levels across the country as well as extreme high sea tides over the coming days.

Early relief distributions by the Thai Red Cross Society (TRCS) as of 21 October have now reached 31,550

families (157,750 individuals) with TRCS relief kits and bottled water, and 5,290 individuals with cooked food, while water purification units in two provinces distributed clean water. Besides this, flatboat teams in three severe affected provinces have provided transportation services. TRCS continues to deliver relief items, distribute cooked food and clean water, provide transport services, and assess affected areas.

In response to the urgent humanitarian situation and in recognition of the growing needs of those affected, TRCS, in partnership with the Red Cross Red Crescent Movement partners, plans to significantly scale up their operation from the initial targeted 10,000 families affected by the floods to 50,000. The TRCS operation will focus on immediate food and non-food relief distribution, provision of cooked food, emergency water supply and transportation services.

TRCS, IFRC and the International Committee of Red Cross (ICRC) have been working together in Thailand for many years. Coordination among these partners, including Red Cross Red Crescent Societies from other countries is now strengthened to assure the most effective and timely response to humanitarian needs of those affected by the floods.

This operation is expected to be implemented over two months, and will therefore be completed by 25



Severe monsoon floods have struck Thailand since August 2010. Presently 30 provinces have been affected, prompting the call for assistance across the Red Cross Red Crescent Movement. (Photo: IFRC)

December 2010; a Final Report will be made available three months after the end of the operation (by 25 March 2011).

[<click for the DREF budget; contact details; or a map of the affected area>](#)

## The situation

Since the beginning of August 2010, floods have affected 922 villages in 16 provinces, mostly in the rural, mountainous north and northeast of Thailand. Flooding was also reported in some central and eastern provinces.

The worst floods in decades affected Thailand's rural northeast have killed people and damaged homes, businesses and swathes of farmland. Thailand's biggest province, Nakhon Ratchasima was worst-hit where three people have died and thousands of homes flooded as well as a hospital, which has been forced to evacuate patients in critical condition. Cars have been seen submerged in muddy water while rescuers have used boats to reach people in distress. Train services were suspended to the region.

The expansion of flooded areas covers more than 30 provinces across the country, even threatening the capital city, Bangkok. The water volume in ten major dams across the country is approaching crisis levels and some already need to be opened to release excess water. This together with anticipated high sea tides will possibly result in more widespread and severe flooding, especially for people living along river banks and near the dams. In addition, Cyclone Giri which hit Myanmar on 23 October will also affect the northern parts of Thailand with heavy rainfall that could worsen the flood situation there. Massive scaled up action is required to cope with these trends.

On [23 October](#), the Department of Disaster Prevention and Mitigation (DDPM) reported the total of 30 provinces comprising 196 districts, 1,404 sub-districts and 9,144 villages have been affected by severe monsoon floods caused and an estimated 474,021 families or 1,344,824 individuals are affected. The death toll now stands at 34 people and 1 missing.

The governors of the affected provinces have declared the situation a disaster and emergency funds have been launched to cope with the floods. In addition, Royal Thai Government has declared to put more effort and resources into response efforts as well as to revise certain rules and regulations in order to achieve more effective and timely response.

TRCS has responded to floods since August through its provincial chapters, health stations and rapid action teams (RAT). The provision of food and non-food items is still ongoing in the flooded provinces. The field kitchen and water purification units as well as flatboat teams have been deployed to the flooded areas to assist affected people, based on the assessment done by RAT.

## Coordination and partnerships

**Movement coordination:** TRCS continues to implement flood relief programmes with support of IFRC. The IFRC regional office closely monitors the situation, coordinates with TRCS, and provides technical support where possible. The regional office also maintains regular contact with the IFRC Asia Pacific disaster management unit and wider zone office in Kuala Lumpur to seek advice on strategic issues for the ongoing operations.

**Coordination with authorities:** Being auxiliary to the government, TRCS has a long-standing relationship with the government's Department of Disaster Prevention and Mitigation (DDPM), and liaises closely at provincial and district level with the disaster management authorities working there. TRCS is working at provincial level with the provincial government, providing assistance to those affected through provincial governments in the affected areas.

### **National Society Capacity Building:**

TRCS has considerable experience gained from the previous tsunami in 2005. With support from IFRC and Red Cross Red Crescent Movement partners, this experience and capacity will enable TRCS to conduct the operation through its network of branches and trained volunteers. Nationally, TRCS has some 24,000 volunteers, 17,602 youth volunteers, 5,580 registered members and 100 trained disaster response team

members (RAT), four field kitchen units (one of which has been mobilized for this operation), and seven water purification units from previous emergency operations.

One of the objectives of this intervention is to reinforce the capacities in terms of technical and financial support of TRCS to face the rapidly changing context in which they operate.

This DREF will also enable TRCS to respond quickly and to develop a certain level of flexibility to identify needs and design activities for the emergency phase and beyond. This intervention also reflects the Movement's strong commitment to enhancing the coherence and effectiveness of its humanitarian assistance.

## Red Cross and Red Crescent action

With 75 provincial Red Cross chapters together with 12 health stations, TRCS has been at the forefront of the [response](#) in the affected areas through its provincial chapter and health stations as well as rapid action teams (RATs). Assessment and distribution teams are operational in 24 affected provinces focusing on providing much needed relief to those affected. Acting in terms of its auxiliary role to the government at all levels, national headquarters, provincial and district levels, the Thai national society has been responding from the early days of the disaster by distributing food and other relief items such as instant noodles, canned food, bottled water, beverages, rice, hygiene kits and household medicines to families across 24 of the 30 flood-stricken provinces. In addition, the field kitchen, water purification unit and flatboat teams have also been deployed to provide services in the affected areas.

### Relief

Date	Number of provinces served	Provinces	Type of assistance	Capacity	No of households served	Remarks
15 Aug-21 Oct	24	24 <sup>1</sup>	TRC relief kits		31,550	Distribution ongoing
			Bottled water			Private sector donor
19-21 Oct	1	Nakhon Ratchasima	Field kitchen	2,500 people/day	1,322	Set up on 19 Oct
17-19 Oct	3	Nakhon Sawan	2 flatboats	100 passengers/day		Mission ended
		Lopburi	4 flatboats			Operation ongoing
		Nakhon Ratchasima	5 flatboats			Operation ongoing
21 Sep-1 Oct	1	Nakhon Sawan	Water purification unit	Production of 35,000 litres per day/unit		Mission ended
19-Oct	1	Nakhon Ratchasima	Water purification unit			Operation ongoing
<b>Total (as of 21 October 2010)</b>					<b>32,782</b>	

### The needs

Both the TRCS assessment teams (RAT) at provincial level Red Cross chapters or health stations continue to conduct ongoing assessments to assess the immediate humanitarian assistance required for the affected people. The assessment report from chapters will be submitted to the secretary general of TRCS with requisition for relief kit supplies and necessary assistance from national headquarters to respective provincial Red Cross chapters. The disaster management committee of relief and community health bureau will analyse the information from chapters, health stations, and national headquarters, and prioritize the supply of relief kits to address the requisition from affected chapters/health stations based on TRCS's capacity, mandate and policy.

<sup>1</sup> See annex

The following priority needs have been identified through the current analysis from the ongoing assessments:

### **Relief kits**

The provision of relief kits for one month is required to assist the families living in the evacuation centres as well as those living in their submerged homes or where isolated by floodwaters and living along damaged road networks.

### **Food**

Food assistance to those displaced by the floods is a major component of the current relief phase. The immediate provision of cooked food will assist the most affected families with their immediate needs, who face restricted access due isolation by floodwaters and the damaged road network until the crisis is alleviated.

### **Water and sanitation**

The need for clean water for drinking and daily use is very clear as water sources have been damaged and contaminated by floods, especially in Nakhon Ratchasima province which has been the hardest-hit.

### **Health**

Major problems in health are stress, respiratory infection, and skin diseases. The intervention in health is under control of the Ministry of Public Health through its provincial, district and sub-district facilities. The mobile medical teams of RCH are promptly dispatched if required.

### **Transportation**

Transport is difficult for those living where the water is knee-deep or waist-high as well as where the road network has been made inaccessible.

### **Beneficiary selection**

Immediate assistance is being provided to families directly affected and displaced by the floods. TRCS and IFRC will continue to provide services under this operation to the disaster-affected people based on the needs and targeting the most vulnerable families.

Recognizing those affected by disaster as dignified human beings, all partner organizations will ensure community participation in beneficiary selection and in identifying their own needs and the options to meet these needs. The operation's beneficiary selection process will be sensitive to those who are socially or economically disadvantaged, marginalized groups, and take into account the issues of disability, gender, age, and minority.

The following groups will be the priority for the proposed interventions:

- Families identified as low income or poverty by the government;
- Families who are not already beneficiaries or recipients of any substantial assistance from the government and/or other organizations;
- Families with disabled members, elderly persons, children or other socially excluded groups;
- Families from ethnic minorities, vulnerable occupational groups and marginalized populations.

Trained and experienced TRCS staff and volunteers will undertake beneficiary registration. The information will be shared with the government and other responding agencies in order to avoid duplication.

## **The proposed operation**

This proposed operation is based on the initial outcomes of the ongoing TRCS assessments. It takes into consideration the coordination between different components of the Movement to ensure the best possible support to TRCS in scaling up this relief operation. The proposed operation will evolve and be revised in line with available resources and be adapted to ensure that all support to the DREF is prioritized according to existing needs.

The objective of this DREF is to support the immediate needs of those affected through the provision of food and non-food items, based on current available information and ongoing analysis,.

The DREF aims to support TRCS relief distribution in the following geographic areas:

Province	Districts	Number of families to be supported
Chonburi	Pan-tong	500
Ayutthaya	Nakhon Luang	4,000
Saraburi	Chalermprakiet, Sadhai, Banmoe	1,000
Nakhon Ratchasima	Chumpuang, Muangyang, Khong	2,500
Sra-Keaw	Aranyaprathet	300
Chayabumi	Muang, Jaturat	1,000
Tak	Muang, Mae-Sod	1,000
Prajinburi	Srimahapote, Bansang	1,000
<b>TOTAL</b>	<b>8 provinces</b>	<b>15 districts</b>
		<b>11,300<sup>2</sup></b>

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

**Outcome:** The basic food and non food household needs of 10,000 affected families are met over one month.

**Outputs and activities planned:**

The immediate needs of 10,000 affected families are met through the distribution food and essential non-food items the following plan of activities:

- Conduct on the ground assessments,
- Selection and social mobilization for the verification of 10,000 families.
- Identify 10,000 most vulnerable families.
- Engage communities' participation in planning and distribution of relief items.
- Mobilize required relief items through international mobilization and local procurement following IFRC and TRCS standards
- Provide assistance to 10,000 families through distribution of TRC relief kits including (instant noodle, rice, canned food, salt, beverages, chilli paste) and non-food items including (plastic bags, candles, lighter, torch and battery and house hold medicine)
- Develop a monitoring and evaluation system for the continuous improvement of delivery system.
- Develop an exit strategy (laying the basis for the early recovery phase).

DREF will support TRCS only in provision of relief kits to beneficiaries but it is not limited to the linkage to the community resilience through CBDRR project as well as capacity building in needs assessment of TRCs staff and volunteers and logistics development to ensure next effective and timely response.

### Contact information

For further information specifically related to this operation please contact:

- Thai Red Cross:
  - Mr. Phan Wanamete, secretary general, phone: +662 256 4037, email: [intertrc@redcross.or.th](mailto:intertrc@redcross.or.th)
  - Dr. Amnat Barlee, Director of Relief and Community Health Bureau, phone: +6681 615 2990, email: [abarlee@redcross.or.th](mailto:abarlee@redcross.or.th)
- IFRC Southeast Asia regional office, Bangkok
  - Anne LeClerc, head of regional office, phone:+668 5661 7464, email: [anne.leclerc@ifrc.org](mailto:anne.leclerc@ifrc.org)
  - Stefan Kühne-Hellmessen, programme coordinator, phone: + 668 1926 7769, email: [stefan.kuhnehellmessen@ifrc.org](mailto:stefan.kuhnehellmessen@ifrc.org)
  - Patrick Fox, head of regional disaster management unit, phone: +668 1855 7683, email: [patrick.fox@ifrc.org](mailto:patrick.fox@ifrc.org)
- IFRC Asia Pacific zone office, Kuala Lumpur
  - Jagan Chapagain, head of operations; phone: +603 9207 5700,

<sup>2</sup>DREF will support 10,000 of these 11,300. TRCS will cover the rest.

- email: [jagan.chapagain@ifrc.org](mailto:jagan.chapagain@ifrc.org);
- Michael Annear, head of zone disaster management unit; phone: +603 9207 5726; mobile: +60 19 234 6591; email: [michael.annear@ifrc.org](mailto:michael.annear@ifrc.org)
  - Heikki Väättämoinen, operations coordinator, phone: +603 9207 5729, mobile: +6012 230 7895, email: [heikki.vaatamoinen@ifrc.org](mailto:heikki.vaatamoinen@ifrc.org)
  - Alan Bradbury, head of resource mobilization and PMER, phone: +603 9207 5775, fax: +603 2161 0670, email: [alan.bradbury@ifrc.org](mailto:alan.bradbury@ifrc.org)

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

## MDRTH001 - THAILAND : MONSOON FLOODS

### DREF BUDGET SUMMARY

Budget Group	DREF Grant Budget	TOTAL BUDGET CHF
Food	210,170	210,170
Water & Sanitation	85,958.83	85,959
Medical & First Aid	7,463	7,463
Ustensils & Tools	31,260	31,260
<b>Total Supplies</b>	<b>334,852</b>	<b>334,852</b>
Program Support	21,765	21,765
<b>Total Programme Support</b>	<b>21,765</b>	<b>21,765</b>
<b>TOTAL BUDGET</b>	<b>356,617</b>	<b>356,617</b>

## Summary of Flood Situation in Thailand (10-23 October 2010)

Total affected areas: 30 provinces, 196 districts, 1,404 sub-districts, 9,144 villages  
 Total loss and damage: 474,021 people affected, 1,344,824 households, and 25 people died

Central region							
No.	Province	District	Sub-district	Village	Affected household	Affected people	Died
1	Chainat	7	40	342	16,940	44,987	-
2	Singburi	1	3	18	1,042	2,084	-
3	Angthong	7	52	215	2,460	6,874	-
4	Supanburi	6	61	304	44,300	121,436	-
5	Phranakorn Si Ayutthaya	5	54	297	4,494	13,977	-
6	Lopburi	11	120	1,012	-	-	5
7	Nakornsawan	7	28	193	2,226	6,698	-
8	Saraburi	13	111	973	86,100	185,995	1
9	Nakornnayok	1	2	4	500	1,500	-
10	Nonthaburi	6	54	128	15,027	71,940	-
11	Pathumthani	7	50	144	13,197	26,394	-
12	Nakornpathom	1	2	8	-	-	-
13	Uthaitхани	5	-	-	4,137	14,785	-
Total		77	577	36,38	190,423	496,670	6

North region							
No.	Province	District	Sub-district	Village	Affected household	Affected people	Died
1	Phijit	5	19	34	1,120	4,000	-
2	Petchabun	5	49	271	-	-	-
3	Tak	6	39	267	30,332	100,006	-
4	Kampaengpet	6	33	248	31,758	33,763	-
5	Chiangmai	8	30	144	9,701	26,558	-
6	Lampun	1	1	1	-	-	-
Total		31	171	965	72,911	164,327	-

Northeast region							
No.	Province	District	Sub-district	Village	Affected household	Affected people	Died
1	Chaiyaphum	16	113	1,305	63,610	185,742	1
2	Srisakes	1	1	-	-	-	-
3	Surin	7	33	252	25,422	69,594	-
4	Burirum	11	62	485	13,275	51,877	6
5	Khonkaen	5	38	217	8,451	51,300	3
6	Nakornratchasima	31	376	2,158	91,501	293,081	6
Total		71	623	4,417	202,259	651,594	16

Eastern region							
No.	Province	District	Sub-district	Village	Affected household	Affected people	Died
1	Junthaburi	6	-	-	-	-	-
2	Rayong*	2	6	32	130	520	1
3	Trad*	2	2	3	15	35	1
4	Sakaew	4	11	32	6,346	25,800	1
5	Prachinburi	3	14	57	1,937	5,878	-
Total		17	33	124	8,428	32,233	3

\* provinces that are no longer flooded

Number of foreign casualties: 1 (a migrant worker in Koh Chang district, Trad province)

Source: Disaster Mitigation Center, DDPM  
 As of 23 October 2010

### !! WARNING MESSAGE !!

A low pressure area is moving over the west coast of Myanmar and the southwest monsoon is also passing over Thailand. Heavy rainfall is expected to affect the west side of the north region. Provinces which might be affected are Tak, Kamphangpet, Lampun, CHIANGMAI, Mae Hong Son, and Lampang.

**Thailand: Monsoon Floods – Assistance per province as of 21 October 2010**

Date of distributions	Region	Affected provinces	No. of households served	
			TRC relief kits	Bottled water
15 Aug	North	Lampang	300	300
24- 31 Aug		Prae	1,200	
24 Aug-21 Sep		Nakhon Sawan	2,340	4,743
27 Aug-14 Sep		Chiangrai	700	800
28 Aug-1 Sep		Uttaradit	1,850	
31 Aug		Pijit	500	
6 Sep-20 Oct		Petchaboon	3,800	1,500
30 Sep		Chainat	500	
3 Sep		Eastern	Nakornayok	142
12-15 Oct	Chonburi		2,548	2,548
16 Oct	Sra Keaw		500	
18 Oct	Prajnaburi		720	
27 Sep	Central	Ayutthaya	2,000	
27 Sep		Ang Tong	550	500
18 Oct		Supanburi	1,000	1,000
6-11 Oct		Samutsakorn	1,500	1,500
4-13 Oct		Petchaburi	2,800	2,250
22 Sep		Nonthaburi	300	300
5-20 Oct		Ratchaburi	800	300
8 Sep		Northeast	Udonthani	1,000
8 Sep	Nongkai		1,000	
18-19 Sep	Nakhon Ratchasima		3,500	3,500
16 Oct	Buriram		1,000	
7-8 Oct	Western		Kanchanaburi	1,000
<b>TOTALS</b>	<b>5</b>	<b>24 provinces</b>	<b>31,550</b>	<b>20,241</b>

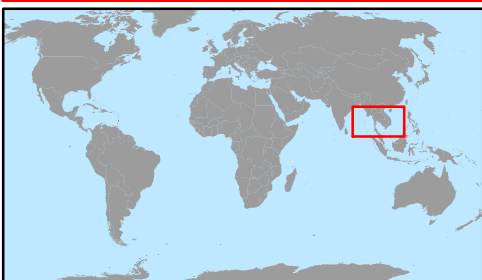
**Ongoing and planned distribution for Thai Red Cross relief kits**

Date	Destination (province)	Number of beneficiaries (HH)	Remarks
21 Oct 10	Chonburi	500	Eastern
22 Oct 10	Ayuthaya	1000	Central
	Saraburi	1000	Central
	Nakornratchasima	1000	Northeast
	Sra-kreaw	300	Eastern
23 Oct 10	Nakornratchasima	1500	Northeast
	Ayuthaya	3000	Central
	Chaiyabumi	1000	Northeast
26 Oct 10	Tak	1000	Northeast
	Prajnaburi	1000	Eastern
	<b>Total</b>	<b>11300</b>	

NB: Four more provinces: Rayong, Trad, Sri Sakhet and Surin are currently being assessed.



# Thailand: Floods



 Flooded provinces