



**Disaster Management Information Centre
Disaster Management Bureau (DMB)
Ministry of Food and Disaster Management**

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| | |
|--------------------------------|--|
| Emergency Title: | Flood and Weather Situation |
| Emergency Location: | Bangladesh 20°22'N-26°36'N, 87°48'E-92°41'E, |
| Covering Period: | From: WED-03-OCT-2007:1800 To: THU-04-OCT-2007:1800 |
| Transmission Date/Time: | THU-04-OCT-2007:1400 |
| Prepared by: | DMIC, DMB |

Flood, Rainfall and River Situation; Flood Forecast (24 & 48 Hrs); Weather Forecast and Summary of Flood 2007

Current Situation: Monsoon is less active over Bangladesh and weak to moderate elsewhere over North Bay. All the rivers are flowing below their respective danger levels. **According to FFWC outlook, no flood Situation prevails over the country.**

FLOOD, RAINFALL AND RIVER SITUATION SUMMARY (October 04, 2007)

Flood Outlook

- **All the rivers are flowing below their respective danger levels. No flood Situation prevails over the country.**

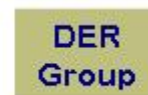
Rainfall

- Significant rainfalls recorded during last 24hrs ending at 6AM today are:

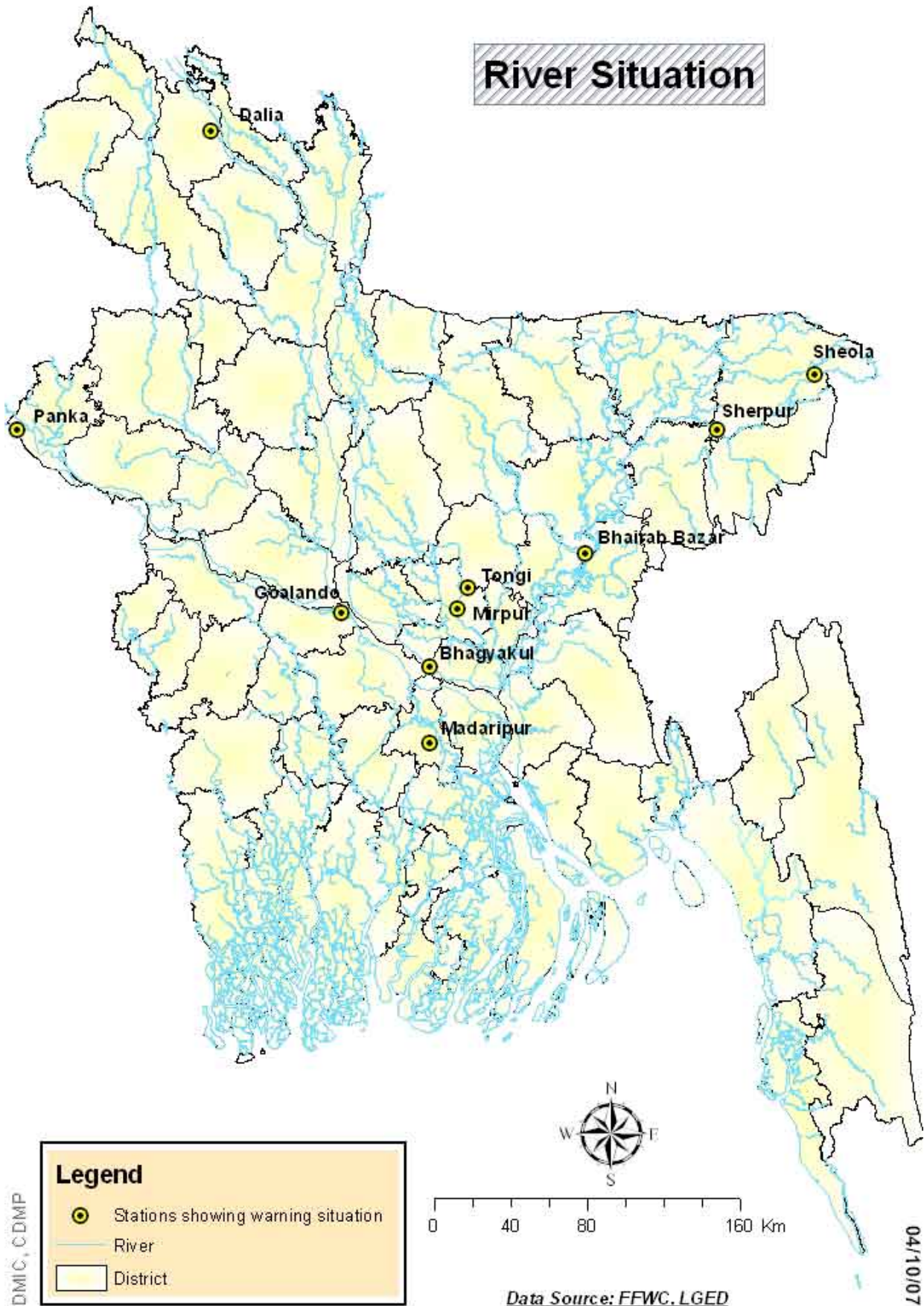
| | |
|--------------------|-------------------------|
| Dewanganj: 25.0 mm | Faridpur: 13.0 mm |
| Kaunia: 10.0 mm | Bhairab Bazar: 10.0 mm. |

[Source: Flood Forecasting Center - FFWC]

The Disaster Management Information Centre is the information hub of the Ministry of Food and Disaster Management for risk reduction, hazard early warnings and emergency response and recovery activities



River Situation Map
(October 04, 2007)



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FLOOD FORECAST FOR NEXT 24 & 48 HRS (Oct. 05 & 06 AT 6 AM)

The Brahmaputra-Jamuna at:

- 1) Serajganj is likely to fall by 6 cm & 7 cm and may flow 210 cm & 217 cm below danger level* in the next 24 hrs & 48 hrs respectively.
- 2) Aricha is likely to remain steady both in the next 24 & 48 hrs and may flow 143 cm below danger level both in the next 24 & 48 hrs respectively.

The Kaliganga at Taraghat is likely to fall by 17 cm & 15 cm and may flow 171 cm & 186 cm below danger mark in the next 24 & 48 hrs.

The Turag at Mirpur is likely to fall by 19 cm & 12 cm and may flow 118 cm & 130 cm below danger level in the next 24 & 48 hrs respectively.

The Buriganga at Dhaka is likely to fall by 15 cm & 11 cm and may flow 195 cm & 206 cm below danger level in the next 24 & 48 hrs respectively.

The Balu at Demra is likely to fall by 15 cm & 14 and may flow 134 & 148 cm below danger level in the next 24 & 48 hrs respectively.

The Lakhya at Narayanganj is likely to fall by 10 cm & 11 cm and may flow 125 & 136 cm below danger level in the next 24 & 48 hrs respectively.

The Padma at:

- 1) Goalundo is likely to rise by 1 cm both in the next 24 hrs & 48 hrs and may flow 96 cm & 95 cm below danger level in the next 24 hrs & 48 hrs respectively.
- 2) Bhagyakul is likely to remain steady both in the next 24 hrs & 48 hrs and may flow 88 cm below danger level both in the next 24 hrs & 48 hrs respectively.

The Surma at:

- 1) Sylhet is likely to fall both by 7 cm and may flow 185 cm & 192 cm below danger level in the next 24 & 48 hrs respectively.
- 2) Sunamganj is likely to fall by 6 cm & 5 cm and may flow 135 cm & 140 cm below danger level in the next 24 & 48 hrs respectively.

The Kushiyara at Sheola is likely to rise by 5 cm in the next 24 hrs & likely to fall by 4 cm in the 48 hrs and may flow 71 cm & 75 cm below danger level in the next 24 & 48 hrs respectively.

The Meghna at Bhairab Bazar is likely to fall by 17 cm & 20 cm and may flow 83 cm & 103 cm below danger level in the next 24 & 48 hrs respectively.

* Danger level at a river location is the level above which it is likely that the flood may cause damages to nearby crops and homesteads. In a river having no embankment, danger level is about annual average flood level. In an embanked river, danger level is fixed slightly below design flood level of the embankment.

General River Condition

- Water Level stations: Rise: 14 Fall: 37 Steady: 2
- Most of the rivers in the Brahmaputra & the South Eastern Hill basins observed fall while the rivers in the Ganges and the Meghna basins observed both rise and fall.

[Source: Flood Forecasting and Warning Center – FFWC]

ALERT MESSAGE (as on 4th October, 2007 at 1100BST)

THE LOW OVER WEST CENTRAL BAY AND ADJOINING NORTHWEST BAY INTENSIFIED INTO A WELL MARKED LOW OVER THE SAME AREA AT 0900 BST TODAY (THE 04 SEPTEMBER, 2007). IT IS LIKELY TO INTENSIFY FURTHER AND MOVE IN A NORTHWESTERLY DIRECTION.

ALL FISHING BOATS AND TRAWLERS OVER NORTH BAY AND DEEP SEA HAVE BEEN ADVISED TO COME CLOSE TO THE COAST AND PROCEED WITH CAUTION TILL FURTHER NOTICE. THEY ARE ALSO ADVISED NOT TO VENTURE INTO THE DEEP SEA.

WEATHER FORECAST (VALID FOR 24 HOURS COMMENCING 09 AM TODAY)

Synoptic Situation: The low over West Central Bay and adjoining Northwest Bay persists. It is likely to intensify. Monsoon axis runs through Uttar Pradesh, Bihar, West Bengal, centre of the low and thence Northeast wards to Assam across eastern part of Bangladesh. Monsoon is less active over Bangladesh and weak to moderate elsewhere over North Bay.

Forecast: Light to moderate rain/T.showers accompanied by tempo. gusty/ squally wind is likely to occur at a few places over Chittagong and Sylhet divisions and at one or two places over Khulna, Barisal, Dhaka and Rajshahi divisions.

Day temperature may remain nearly unchanged over the country.

[Source: Bangladesh Meteorological Department - BMD]

SUMMARY OF FLOOD 2007

(1st spell of flood)

Flood has stricken Bangladesh in two spells. 1st spell started with flash flood on July 21, 2007. Before that no flood situation prevailed over the country. Total 46 districts are flood affected in 1st and 2nd phase of flood.

- **Affected Districts by 1st Spell of Flood are:** Sirajganj, Kurigram, Bogra, Gaibandha, Rangpur, Nilphamari, Lalmonirhat, Pabna, Rajshahi, Natore, Tangail, Dhaka, Manikganj, Netrokona, Jamalpur, Faridpur, Rajbari, Gopalganj, Narsingdi, Kishorganj, Sherpur, Narayanganj, Mymensing, Madaripur, Sariatpur, Munshiganj, Gazipur, Comilla, Feni, Chandpur, B. Baria, Sylhet, Sunamganj, Magura, Narail, Satkhira, Jinaidah, Khulna, Barisal
- Due to active monsoon for couple of days over the north part of the country and adjacent areas of outside of the country, the flashy river Teesta crossed danger level by 5 cm on July 12, 2007 and spread of flash flood has been predicted by Flood Forecasting and Warning Center (FFWC) over the districts of Panchagarh, Nilphamari & Lalmonirhat. But no flood prevailed over the country fortunately.
- On July 14, 2007, major rivers, Brahmaputra-Jamuna & Ganges-Padma were flowing below danger level but started rising though till then no flood prevailed over the country.
- On July 18, 2007, heavy to very heavy rainfall experienced over the south-eastern part of the country which started to drive the country towards a flood situation. The Teesta at Dalia and the Halda at Narayanhat are flowing above danger level by 20 cm and 5 cm respectively. Major river systems Brahmaputra-Jamuna & Ganges-Padma continued rising and were approaching to danger levels at Sirajganj, Aricha, Goalundo & Bhagyakul.
- On July 19, the Surma at Sunamganj was flowing above danger level by 25 cm and FFWC predicted north-eastern part of the country was likely to experience flash flood.
- On **July 21, 2007** the 1st spell of flood hit the country with a starting of flash flood at North-Eastern, Eastern and South-Eastern parts of the country.

Situation Report

- On July 30, 2007, surrounding rivers of Dhaka approached to danger level and the eastern part of the city went under threat to start inundating by 24/48 hours.
- On July 31, 2007, the rivers at up-stream points started falling while continued rising at down-stream points.
- On August 4, 2007, maximum 29 of water level observing stations of FFWC reported water above danger level though many rivers were in falling trend.
- On August 26 all rivers of the Brahmaputra, Meghna and South Eastern Hill Basin were flowing below danger level whereas the rivers of the Ganges Basin were flowing above danger level. It was expected that the rivers of the Ganges Basin will continue receding whereas the rivers of other basins will not rise again. And thus the 1st spell of flood will come to an end.

(2nd spell of flood)

While everyone was expecting an improvement of 1st spell flood situation, due to onrush water from upstream triggered by torrential rain 7 more districts (Chittagong, Cox's Bazar, Noakhali, Rangamati, Khagrachhari, Bandarban, and Bhola) became affected by the 2nd spell.

- **Affected Districts by 2nd Spell of Flood are:** Sirajganj, Kurigram, Rangpur, Nilphamari, Lalmonirhat, Manikganj, Rajbari, Sherpur, Munshiganj, *Chittagong, *Rangamati, *Khagrachhari, *Bandarban, *Cox's Bazar, *Noakhali, Sylhet, Sunamganj, Moulvibazar, Habiganj, Barisal and *Bhola.
- On August 27, 2007, North-eastern part of the country received heavy rainfall and Sylhet district experienced flash flood. On the other hand rivers of Ganges Basin were in falling trends.
- On September 7, 2007 Monsoon remains vigorously active over the GMB (Ganges, Meghna Brahmaputra) basins both in and outside of the country for consecutive days. The Brahmaputra-Jamuna rose alarmingly and the Ganges-Padma also registered rise. At the same time prevailing flood situation of Sylhet deteriorated and the FFWC forecasted the threat of 2nd spell flood in North, North-East, North-Central and South-Central parts of the country by seven days.
- On **September 8, 2007** the fresh and 2nd spell of flash flood began in Northern and South-eastern part of the country. Northern districts like Kurigram, Lalmonirhat, Rangpur & Gaibandha are experiencing flash flood as the Sub-Himalayan West Bengal discharging huge runoff (generated from very heavy rainfall during last couple of days) through flashy rivers the Teesta, Dharla & Dudkumar. At the same time South-eastern districts Comilla, Feni, Chittagong, Rangamati, Bandarban and Cox's bazaar were experiencing flash flood. Major rivers of Meghna and South Eastern Hill Basins were flowing above danger level.
- On September 13, 2007 the mighty Brahmaputra-Jamuna has started falling. The prevailing flood situation in the districts of Sylhet & Sunamganj of North-east and Comilla, Feni, Noakhali & Lakshmipur South-east started improving whereas deteriorated in the South-central part of the country (Rajbari, Faridpur, Manikganj, Munshiganj, Nawabganj & Dohar of Dhaka district, Madaripur, Shariatpur, Gopalganj and Chandpur).
- On **September 17, 2007** overall flood situation of the country including the South-central part (Rajbari, Faridpur, Manikganj, Munshiganj, Nawabganj & Dohar of Dhaka district, Madaripur, Shariatpur, Gopalganj and Chandpur) started improving.
- On **September 24, 2007** the FFWC expected the country to be flood free within the week.
- On **October 1, 2007** the FFWC declared that all the rivers were flowing below their respective danger levels and no Flood Situation prevailed over the country. With this confirmation the 2nd spell of flood came to an end and the country became free of flood attack.

[Source: Flood Forecasting and Warning Center – FFWC]

Health Services

Directorate General Health Services, GoB

- **3,369** Medical Teams are working in the flood affected 39 districts to provide emergency medical service to the flood victims to tackle the health problem in **560** flood shelters for mitigating of health impacts due to flood.
- Meanwhile, **28** mobile hospitals are working round the clock to cope with the situation in worst flood affected districts including Dhaka.
- Ensuring treatment of all diarrhoea patients at all Medical College hospitals/ other hospitals and open more diarrhoea unit as per need & set-up diarrhoea monitoring cell at all health institutes, Civil Surgeon Offices & Divisional Director (Health) offices.

WHO

- WHO Country office in Bangladesh under the overall supervision and guidance of WHO Representative & overall coordination of NPO, CD & Responsible Officer, EHA is monitoring the flood situation apart from providing technical assistance to the national health authority for coordinating the on-going continuously emergency response operation.
- Enhance monitoring disease outbreak situation (Diarrhea, Dysentery, ARI, skin, eye, ear infections etc) in collaboration with Control Room, DGHS through Surveillance Medical Officers (SMO) of WHOIVD/EPI program across the country.
- Providing countrywide advocacy training on health education such as use of safe drinking water, hand washing before eating and after defecation, maintain personal hygiene & emergency medical drugs & supplies such as ORS, WPT, IV saline, anti-snake venom, antibiotics and other necessary drugs & lab sanitation reagents/kit equipments.

[Source: DER Group on August 27, 2007]

Summary of Damage

| Damage Reports | | |
|----------------------------------|-----------|-------------|
| No. of districts | | 46 |
| No. of Upazila | | 263 |
| Affected union/ Pourasava | | 2,096 |
| Affected families | | 29,61,972 |
| Affected people | | 1,37,71,380 |
| Affected Crops (acres) | Fully | 8,90,898 |
| | Partially | 13,53,366 |
| Affected households | Fully | 84,321 |
| | Partially | 10,03,799 |
| No. of death | | 1,110 |
| No. of death livestock | | 1,459 |
| Affected road (km) | Fully | 3,705 |
| | Partially | 27,828 |
| Affected Institution | Fully | 563 |
| | Partially | 8,190 |
| Affected Embankment (km) | Fully | 88 |
| | Partially | 1,008 |
| Affected Bridge/Culvert | Fully | 360 |
| | Partially | 1,692 |
| No. of Shelters | | 40 |
| No. of Sheltered People | | 5,032 |

[Source: Relief Control Cell, Ministry of Food and Disaster Management – MoFDM]

[Data Date: October 04, 2007]

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Summary of Relief Activities

Donation to Chief Adviser's Relief and Welfare Fund

Please note down the bank account number to donate your money to Chief Advisors Relief and Welfare Fund for the flood affected people:

Chief Advisors Relief and Welfare Fund
Current Account no. 33004093
Sonali Bank
Chief Adviser's Office Branch
Tejgaon, Dhaka

Allocation from Honourable Chief Adviser's Relief and Welfare Fund

| Item | Allocate to DC Office |
|----------------------|-----------------------|
| GR Cash | BDT 14,37,00,000 |
| House building Grant | BDT 49,73,00,000 |

Total Allocation of Relief to DCs of Different Districts

| Item | Allocate to DC Office |
|-------------------------------------|-----------------------|
| GR Rice | 19,115 MT |
| GR Cash | BDT 5,08,51,000 |
| GR Cash (Relief activities/ Rescue) | BDT 48,00,000 |
| House building Grant | BDT 6,24,66,500 |
| Cash for Relief Transportation | BDT 7,79,000 |

| Relief Allocation for affected areas (Started from 8.9.2007) | | | | |
|--|----------------------|------------------|-----------------|-----------------------|
| Date | GR Rice (Metric ton) | GR Cash (Taka) | HB Grant (Taka) | Others |
| 08-09-07 | 900 | 10,00,000 | -- | -- |
| 09-09-07 | 600 | 12,00,000 | -- | -- |
| 10-09-07 | 200 | 11,00,000 | -- | -- |
| 11-09-07 | 200 | 05,00,000 | | |
| 12-09-07 | 400 | 05,00,000 | -- | -- |
| 13-09-07 | 150 | 03,00,000 | -- | -- |
| 15-09-07 | 300 | 08,00,000 | -- | -- |
| 18-09-07 | 200 | 04,00,000 | -- | -- |
| 23-09-07 | 050 | -- | -- | -- |
| Allocation to the Director, DRR from MoFDM | | | | |
| Date | GR Rice (Metric ton) | G. R Cash (Taka) | HB Grant (Taka) | VGf (food) Metric Ton |
| Till 10-09-2007 | 20,200 | 7,50,00,000 | 6,25,00,000 | 1,33,720 |

Distribution of Relief

| Item | Distribute to Affected People |
|-------------------------------------|-------------------------------|
| GR Rice | 11,302 MT |
| GR Cash | BDT 10,10,98,537 |
| GR Cash (Relief activities/ Rescue) | BDT 18,67,250 |
| House building Grant | BDT 32,48,72,500 |
| Biscuit | 3,280 carton |
| Flatten Rice (Chira) | 28.008 MT |
| Molasses | 5.672 MT |

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| Distribution of Relief received from the Royal Saudi Government | | | | | | |
|---|---------------|--------------------------|--|--------------|---------------|--------------------------|
| Amount of Allocated Relief Materials | | | | | | |
| Districts | Food (packet) | Other Materials (packet) | | Districts | Food (packet) | Other Materials (packet) |
| Munshiganj | 3000 | 3000 | | Natore | 2,500 | 2,500 |
| Narayanganj | 2000 | 2000 | | Tangail | 3,000 | 3,000 |
| Rangpur | 4000 | 4000 | | Netrokona | 2,000 | 2,000 |
| Kurigram | 4000 | 4000 | | Sherpur | 1,500 | 1,500 |
| Gaibandha | 2000 | 2000 | | Narsingdi | 2,000 | 2,000 |
| Nilphamari | 2000 | 2000 | | Kishorganj | 2,000 | 2,000 |
| Lalmonirhat | 3000 | 3000 | | Mymensingh | 1,500 | 1,500 |
| Sirajganj | 5000 | 5000 | | Gopalganj | 2,000 | 2,000 |
| Manikganj | 3000 | 3000 | | Barisal | 3,000 | 3,000 |
| Jamalpur | 3000 | 3000 | | Magura | 2,000 | 2,000 |
| Faridpur | 3000 | 3000 | | Narail | 1,000 | 1,000 |
| Rajbari | 2000 | 2000 | | Satkhira | 3,000 | 3,000 |
| Madaripur | 2000 | 2000 | | Jhinaidah | 2,000 | 2,000 |
| Shariatpur | 3000 | 3000 | | Khulna | 1,000 | 1,000 |
| Sylhet | 3000 | 3000 | | Jessore | 2,000 | 2,000 |
| Bogra | 3,000 | 3,000 | | Patuakhali | 2,000 | 2,000 |
| Pabna | 3,000 | 3,000 | | Bhola | 1,000 | 1,000 |
| Rajshahi | 1,000 | 1,000 | | Total | 84,500 | 84,500 |

N.B.

Packet 1 contains

Rice – 10 kg
 Oil – 2 liter
 Pulses – 3 kg
 Salt – 1 kg
 Soap – 6 pieces
 Detergent powder – 1 kg

Packet 2 contains

Saree – 1 piece
 Lungi – 1 piece
 Shirt – 1 piece
 Praying Mat – 1
 Mosquito Net – 1
 T-shirt & Half pant – 1 each (for kids)
 Frock & Pajama – 1 each (for kids)
 Tub – 1 (20 liter)
 Bowl – 1 (10 liter)
 Bowl – 1 (8 liter)
 Big Jar – 1
 Medium Jar – 1
 Plastic Jug – 1
 Pot – 1
 Plate – 3
 Water – 2 liter

N.B.:

- VGF programme has been started in 12 more flood affected and poverty stricken districts since August '07 and in other 29 districts since September '07. The programme is scheduled till December 2007. 1,33,720 MT rice allotted to run this programme among 29,81,500 families.

[Source: Relief Control Cell, Ministry of Disaster Management – MoFDM]

[Data Date: October 04, 2007]

Response from other Agencies

Many National and International NGOs worked for flood victims with the donation from national and international donor agencies and Governments of different Countries. Some of the donors are UNDP, DFID, UNICEF, WFP, Thematic Humanitarian Response (THS), DFID, AusAID, International Federation of Red Cross & Red Crescent Societies (IFRC), CORDAID, Act International, ECHO, Action Aid, Oxfam GB, Care, Concern BD, USAid, World Vision, Christian Aid, CCDB, HEKS, BRAC, Handicap International, Terre Des Hommes – Italy, ADRA, Salvation Army, Save the Children, Islamic Relief, Bangladesh. Norwegian MoFA, Netherlands, Greece, Canada, Royal Saudi, Australia government and many other.

Beside the agencies many individuals, group of individuals and companies extended their kind hands of help to flood affected people.

This is the End of Flood Situation Report. No further Flood Situation Report will be issued unless emergency situation appears again. However we will update the rehabilitation activities on weekly basis.