



## SITUATION REPORT No. 6 MULTI-HAZARDS 2008

### OVERALL SITUATION

#### Floods (Bihar):

On 17 Sept, 83 human deaths were reported by the state in the last 24 hours bringing the number up to 208.

#### Floods (Gujarat):

Heavy to very heavy rainfall with isolated extremely heavy falls has been reported in some parts of the State during last 24 hours.

#### Floods (Orissa):

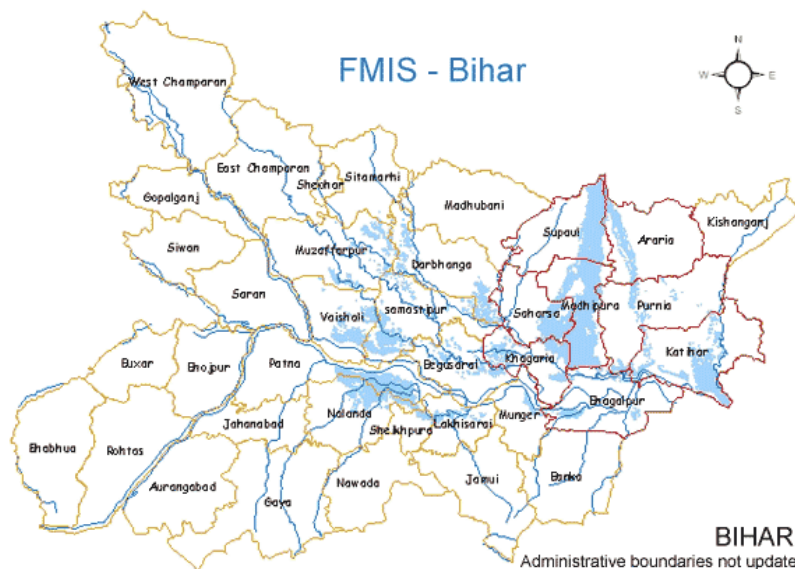
- On 18 September, the Indian Meteorological Department has reported that the deep depression over north Orissa moved west-northwestwards and lay centred at 0830 hrs IST over north Chattisgarh about 50 Km north of Champa. The system is likely to move in a northwesterly direction and weaken gradually.
- On receipt of information from IMD, an advisory has been issued by MHA to the States of **Orissa** Andhra Pradesh, Chhattisgarh, West Bengal, Jharkhand, Uttar Pradesh, Haryana/Chandigarh, Delhi, Uttarakhand and Railway for taking appropriate precautionary measures in view of the depression over north Chhattisgarh due to which heavy to very heavy falls with extremely heavy falls is likely over above States. Squally wind speed reaching 45-55 kmpH are likely along the coasts of **Orissa** and West Bengal in the next 24 hours. Sea condition is rough to very rough along and off these coasts. Fishermen have been advised not to venture into the sea.

#### Earthquake (Maharashtra):

A light earthquake ( $M4.0-4.9$  termed as *light*) occurred in the Koyna region of south-western Maharashtra on 17 September 2008 at 03:17 AM local time. The earthquake centred in the vicinity of the villages of Gureghar and Kondal in the Koyna-Warna area had a magnitude of  $M_b=4.9$  and caused widespread damage in the epicentral region and at least one death near Pune. The shock was felt for over 45-seconds in much of western Maharashtra, Goa and north Karnataka, even as far south as Bengaluru. This is the most damaging earthquake in the Koyna-Warna region since a  $M_L=5.1$  earthquake on 14 March 2005.

### DAMAGE DETAILS

#### BIHAR





**As of 17 Sept, the damage details in the state of Bihar are (central government figures):**

- Population affected – 4,394,000
- No. of human lives lost – 208
- No. of districts affected – 17
- No. of villages affected – 2,463
- Cropped area affected (in ha) – 333,000
- No. of houses fully damaged – 319,569
- No. of livestock lost – 229

**As of 19 Sept, the damage details in worst affected districts are (district government figures):**

SN.	Damages	Supaul	Madhepura	Araria	Saharsa	Purnea
<b>Affected Population</b>						
1	No of Blocks Affected	5	11	4	6	9
2	No of Panchayats Affected	73	130	64	59	93
3	No of Villages Affected	243	378	98	169	149
4	Population Affected	893,790	1,155,000	435,924	438,789	164,000
5	No of Families Affected	178,758	231,000	87,185	87,758	32,800
6	Livestock affected	450,000	300,000	80,000	161,000	40,000
7	Area Affected (in Ha)	26,918	43,952	6,608	13,972	13,823
8	No. of houses damaged	223,446	26,772	8,269	24,785	7,517
<b>Casualties</b>						
9	No of Human Deaths	3	113	2	22	1
10	No of Livestock Deaths	7	216	0	7	0
	Name of the affected Blocks	Basantpur, Pratapganj, Raghapur, Chhatapur, Triveniganj	Shankarpur, Purani, Kumarkhand, Chausa, Singheswar, Alamnagar, Murliganj, Madhepura, Bihariganj, Gwalpara, Udakishanganj,	Narparganj, Bhargawna, Forbeshganj, Raniganj(west)	Saurbazar, Nauhata, Patharghat, Sonebarsha, Simiri, Baktiarpur, Banmi Itari	Banmankhi, Dhamdaha, Vaisee, Barhara-Kothi, Amaur, Bhawanipur, Baisa, Rupulli, Krityanand Nagar



## GUJARAT



- In Surendernagar district, a breach in the Narmada canal at Tavi in Taluka Lakhatar has been reported due to which the canal water has entered into several low lying areas and several villages has been inundated.
- Traffic movement on Surendernagar -Ahmedabad highway is disrupted as a stretch of the highway has been submerged under water.
- 47 State and 265 Panchayat roads are reportedly damaged due to heavy rainfall in the State. The traffic movements on these roads have been disrupted.
- 6057 feeders, 554 transformers and 4092 electricity poles in 12,690 villages have been damaged.
- Traffic and rail movement has also been disrupted in Saurashtra Region .

### **As of 18 Sept, the damage details in the state of Gujarat are (central government figures):**

- Population affected – 1,759,813
- No. of human lives lost – 93
- No. of districts affected – 12
- No. of villages affected – 56
- No. of houses damaged (fully) – 84
- No. of houses damaged (partially) - 768
- No. of livestock lost - 240

## ORISSA





- Heavy showers since 16 September, under the impact of deep depression over Orissa state, have triggered floods in the Mahanadi River system. Release of heavy volume of water from Hirakud reservoir on 18 September, has aggravated the situation in the districts of Jagatsingpur, Kendrapada and Cuttack.
- Squally winds with extremely heavy rainfall have been reported in Kendrapara and Raigara districts. Some villages in Kendrapara district have been reported as marooned as sea water entered in coastal areas.
- As a result, several villages in the districts of Puri, Boudh, Nayagarh, Kattak, Kendrapara, Jajpur, Kolahandi, Bolangir and Jagatpur are reported to have been inundated and affected severely.
- River Baitarni and Vamsadhara are flowing above danger level at various places in the state.
- In Jajpur district, due to the rising trend of the river Baitarani, nine villages are marooned with a population of 3,650 in Dharamsala Block. Two human casualties have been reported.
- Low lying areas of Dhamnagar block in Bhadrak district have been submerged due to over flowing of the Kapali river.
- In Sambalpur, there are reports of water logging in Sambalpur town .
- In Cuttack district, around 126 villages and 6 wards in 6 blocks namely Athagarh, Tigiria, Baramba, Narsinghpur, Dampada and Banki, and 2 ULBs i.e. Banki & Athagarh NAC are affected. Total population affected in the district is 54,200.
- Road communication is disrupted at Baramba on Athagrah Narsinghpur Road and Cuttack - Banki road. Two Breaches at Gobardhanpur & Bangirisingha in Baramba is also reported.

**As of 16 Sept, the damage details in the state of Orissa are (central government figures):**

- Population affected – 1,514,836
- No. of human lives lost – 27
- No. of districts affected - 10
- No. of villages affected – 1,801
- No. of cattle/ livestock lost – 53
- No. of houses destroyed (fully) - 2,872
- No. of houses destroyed (partially) – 29,057
- Cropped area affected (in ha) – 119,000

**MAHARASHTRA**

Event: Earthquake

Date: 17 September 2008

Epicentre: **W of Gureghar,  
Maharashtra**

Time: 21:47:15 UTC (03:17:15 IST)

Latitude: 17.289 N (NEIC)

Longitude: 73.815 E (NEIC)

Depth: 10 kms (NEIC)

Magnitude: Mb 4.9 (NEIC); ML 4.8 (MERI)

- According to the ASC (Amateur Seismic Centre, Pune), at least 537 buildings were damaged in this earthquake in Satara district and another 1,000 sustained minor damage.
- Several villages in the region remained incommunicado due to access bridges being submerged by floods caused by the release of water from the Koyna Dam as a result of very heavy rains in the region.
- Outside the epicentral region (including the wall collapse in Pune district), a temple was damaged at Valva in Satara district. Buildings are reported to have developed minor cracks at Dabhol, Mahabaleshwar and Panchgani. In Mumbai, part of a balcony collapsed at Dongri. At Hubli, some buildings in the IT park were suffered non-structural damage.
- Rock falls blocked the road between Dhebewadi and Salve in Patan taluka, Satara district. A minor rock fall also occurred on LBS Marg in Mumbai's Ghatkoper area.



- This earthquake has been felt widely in western Maharashtra as far north as Nashik, throughout Goa and in several parts of north Karnataka, even as far as Bengaluru. It is the strongest in the Koyna region since March 2005.
- For more detailed information and further updates please see the following link, <http://asc-india.org/lib/20080917-koyna.htm>

## GOVERNMENT RESPONSE

### BIHAR

#### As of 17 Sept, the government response is as follows:

- No. of persons evacuated – 1,028,345
- No. of relief camps opened – 359
- No. of persons accommodated in relief camps – 353,991
- No. of health centres opened - 409
- No. of medical teams deployed – 177
- No. of boats deployed – 3,521
- No. of cattle in cattle camps – 54,230 in 161 camps
- Food packets distributed by the State: Wheat & Rice-68888.30 Q, Chana-542.60 Q, Chura-6565.50 Q, Sattu-777.77 Q, Gur-1092.58 Q, Salt-64.47 Q, Matchboxes-220786, Candles-387259 K.Oil- 82046 ltr, Polythene Sheets distributed-127039 Ready Food distributed by DM – Araria/Supaul/Madhepura/Saharsa: 191804 packets
- Food packets airdropped by the State: 121892 (Chura-3659.82 Q, Sattu-1216.46 Q, Gur-609.56, Salt-609.56 Q, Halozone Tablets-438680 & Water Bottles - 174387)
- Cash distributed by the State: 177.98 lakh has been distributed so far

#### As of 19 Sept, government response in most affected districts (district government figures):

S. N	Activities	Supaul	Madhepura	Araria	Saharsa	Purnea
<b>Relief Camps</b>						
1	No of Persons Evacuated	60	94	60	85	30
2	No of Relief Camps opened	87,227	65,865	82,891	52,090	67,371
3	Persons in Relief Camp	407	264	302	324	272
4	No. of Hand pumps installed	380	477	539	534	486
5	No. of Temp. Toilets construction	36	89	46	32	29
6	No of Health Centers functioning	20	30	15	17	29
7	No of Veterinary Centers functioning	60	94	60	85	30
<b>Air Dropping (4 Helicopters- 289 Sorties)</b>						
8	No of Food Packets Air Dropped	52,320	54,030	3,270	12,272	
9	Quantity of Relief Materials Air Dropped	Chura-365,982 Kg. Sattu-121,646Kg, Salt 60,956Kg, Gur—60,956 Kg. Water Bottle-174,387, Halozone Tablets -438,680				
<b>Relief Distribution</b>						
10	No of Polythene Distributed	32,373	31,112	18,188	17,194	6,445
11	No. of food packets distributed	96,693	65,865	13,315	21,160	1,406
<b>Resources used</b>						
12	Own Boats in Use	129	56	15	307	114
13	Boats mobilised from other Districts	368	362	74	39	0
14	No of Motor boats in use (Army/ Navy/ NCG/ NDRF/ Others)	170	144	81	18	12
15	Total No of Boats in use	667	562	170	364	126
16	No of NDRF Jawans Deployed	180	180	90	45	360



## **GUJARAT**

### **As of 18 Sept, the government response is as follows:**

- No. of persons evacuated – 9
- No. of relief camps opened – 55
- No. of persons accommodated in relief camps – 13,126
- No. of health centres opened - 409
- No. of medical teams deployed – 330 consisting of 136 medical officers and 1035 paramedical staff have been deployed in the affected areas

## **ORISSA**

### **As of 18 Sept, the government response is as follows:**

- No. of persons evacuated – 43,484
- No. of relief camps opened – 370
- No. of persons accommodated in relief camps – 128,523
- No. of health centres opened - 409
- No. of medical teams deployed – 48
- GR paid, if any, item & amount: 226.17 MT of foodgrains air dropped in Balasore. Rice – 51,548.08 Q, Chuda – 4856.87 Q, Gur – 391 Q & Sugar-25 kg

### **Information from District sources:**

- The district administration of Kendrapada has already convened meetings with different stakeholders to ensure preparedness to combat any exigencies. Dry food materials have been pre-positioned in the likely affected areas/villages. Authorities have been requested for deployment of ODRAF in possible affected areas.
- The district administration in Jajpur has distributed relief. Free kitchens are operational to feed the marooned people. Medical teams have been activated to meet any health related contingency.
- In Cuttack district, the district administration initiated all preparedness measures to drain out water from low lying areas within Cuttack city. A total of 4,882 persons have been evacuated from the district and accommodated in 2 relief camps.
- The district administration in Puri is on high alert and dry food materials have been pre-positioned in gram panchayat godowns.
- In Jagatsinghpur district, the evacuation process has been started in Tirtol and Balikuda People are sheltered in the cyclone shelters and schools.

## **UN RESPONSE**

### **BIHAR**

- The 5<sup>th</sup> UNDMT meeting on the Bihar floods was held on 18 September. UN agencies, NGOs and bilateral/ international agencies shared information on assessments, interventions and coordination at the district level.
- The UN Solution Exchange network has posted two Consolidated Replies to two queries:
  1. CR on Water Purification Technologies for Flood Affected Bihar - Experiences; Referrals (Disaster Management Community, Water Community), Posted on 9 Sept 08
  2. CR on Setting up Emergency Community Radio Stations in Flood Affected Areas of Bihar Experiences; Referrals (ICT for Development Community, Disaster Management Community), Posted on 19 Sept 08
  3. Open query on Flood Induced Water Conflicts - Experiences (Disaster Management Community, Water Community), Closing on 28 Sept 08

For details, please see:

<http://www.solutionexchange-un.net.in/en/Disaster-Management/introduction.html>



#### **UNDP:**

- UNDP personnel under the GOI-UNDP Disaster Risk Management Programme continue to support the nodal dept. i.e. Dept. of Disaster Management at the state level in information collection and compilation, logistic support, operating the control room, etc.
- NGO coordination for flood response is being facilitated by UNDP in association with BIPARD.

#### **UNICEF:**

- UNICEF India Deputy Director (Programmes) visited flood hit areas of Bihar and the UNICEF state office on September 17-19 to review UNICEF's response to flood affected areas.
- UNICEF has already started providing humanitarian assistance targeting 125,000 population in 32 camps of five worst affected districts with camp based interventions focusing on health, water and sanitation and nutrition.
- UNICEF's Health, Nutrition and Water & Sanitation sectors have placed experts in worst-affected districts. In each district a focal person for coordinating UNICEF's emergency response has been designated.
- UNICEF is closely working with all the Inter Agency Group (IAG) member organisations and coordinating with them for ongoing mapping of camps as well as focused interventions in order to both reduce duplication and to supplement each other. Thematic meetings on both health and WASH have been initiated. UNICEF is providing essential material (Bleaching powder, ORS, Halozone tablets and Chloroscopes) and technical support to other IAG members on water and sanitation.
- A supply tracking system has been established. The system provides real time information on movement of supplies. Representatives at district-level are involved in the exercise to ensure proper distribution and usage of supplies.

#### Health:

- Presently each flood affected district has at least 2 health resource persons (child survival co-coordinators and IMNCI medical officers) in place to assist respective district administrations in health relief measures.
- The comprehensive disease surveillance and containment plan is in place for early detection and prevention of outbreaks in the districts of Madhepura, Saharsa, Supaul, Purnea, Araria, Bhagalpur, Patna, Khagaria.
- Considering the potential threat of an outbreak of cholera, UNICEF and state government have jointly initiated certain steps for preparedness and containment. A cholera kit has been stationed at Saharsa District capable of managing 10,000 cases. UNICEF is also facilitating the circulation of technical guidelines for management of suspected cholera and coordinating for the laboratory confirmation.
- Supplementary Immunization Activities for measles/ Vit A / Oral Polio Vaccination initiated in co-ordination with government. Till date 49,832 children have been immunized for measles, 27,666 for OPV, 28,364 given Vit A and 2,850 pregnant women given TT.
- UNICEF and the Government are also partnering to provide essential maternal health services to the displaced population. UNICEF is providing maternity tents with midwifery kits. Ten such centres have already been established in areas where displaced families are camping. 63 deliveries have been conducted till date in these maternity huts.
- The Government of Bihar has appointed one Accredited Social Health Activist (ASHA) worker for every 3,000 population in all government camps. UNICEF supported this initiative by developing training materials, providing ASHA kits and imparting training to these workers. The ASHA worker will be responsible for ensuring chlorination of hand pumps, testing water quality, PNC visits for mother and newborns and also referral services. Till date, 264 ASHAs have been trained in the different districts and have initiated their work.
- 200 doctors and 350 paramedical have been mobilized from other districts, medical college as well as other states by the state government with UNICEF providing mobility and support allowances. These teams are working in coordination with the UNICEF Focal Persons and the District Administration and also report into the surveillance system.
- Coordination meetings have been institutionalised on a daily basis under the chairmanship of the Secretary, Department of Health and Family Welfare. This meeting is attended by government and UNICEF Officials.



### Nutrition:

- Nutritional assessment has been completed for 16,715 children in 4 districts of Araria, Supaul, Saharsa and Purnea. A total of 617 (3.69%) children are identified as Severe and Acute Malnourished (SAM). The assessment team is following new WHO growth standards for malnutrition. Protocol for treatment of SAM children has been developed by UNICEF. Appetite test to begin in Araria, Supaul and Saharsa from 20th September.
- The Department of Social Welfare and Disaster Management has welcomed UNICEF's initiative to treat children with RUTF in flood affected districts.
- Thirteen anganwadi centres (AWCs) in place in 4 districts, 4 more in the process of being made functional during the week in Madhepura.
- Diet Survey to assess the quality of food and food intake of pregnant and lactating women, pre-school children 1-3 years and 3 to 5 years has been completed by four survey teams in 12 camps of two districts. Nutrient intake is being calculated and recommendations for improving nutritional adequacy will be given to district administration on completion of survey in all 4 districts.
- As on 14 September, 16,169 children were supplemented with vitamin A dose along with measles vaccine in 5 districts of Araria, Supaul, Saharsa, Purnea and Madhepura.

### Water and Sanitation:

- With the help of four engineers and trained volunteers, more than 400 hand pumps in relief camps located in the five most affected districts have been chlorinated till date. UNICEF support is extended beyond identified camps for focused interventions and that includes water quality assurance through disinfection of drinking water in partnership with INGOs.
- 250 water tanks have been already sent to affected districts.
- Water quality surveillance has been established in the 32 camps and chlorine level of all the hand pumps is being tested through chloroscopes on regular basis by trained volunteers. Total of 450 chloroscopes have been supplied to affected districts so far. Reporting system of Public Health and Engineering Department (PHED) includes testing of water quality.
- 3,500 families have received bucket with mug and 700 families have received hygiene kits in relief camps. More than 1.4 million Halozone tablets have been supplied to government agencies and NGOs in the affected districts so far. Trained volunteers of UNICEF partner NGOs have already distributed more than 100,000 tablets along with relevant IEC material to affected families in 32 relief camps.
- UNICEF has complemented efforts of PHED by providing 40 bathing cubicles for women in 4 relief camps in district Madhepura.
- Meeting of all the agencies working on WASH both at state level and in district Supaul are being coordinated regularly by UNICEF in consultation with the state government for reducing duplication and complementing the actions for flood response.
- In order to reach out widely, UNICEF is developing partnership with local NGOs / INGOs (CRS, Action Aid, BRLP, Art of Living, PCI, ACTED) and providing essential items and technical support related to water and sanitation.

### Child Protection:

- The Department of Social Welfare, Government of Bihar in partnership with UNICEF and other NGOs like Save the Children, Indian Red Cross and Jeevika has launched 'Sambal', an initiative to assist communities in creating a supportive and protective environment around flood victims, especially the most vulnerable children and women on 17<sup>th</sup> September.
- 'Sambal' aims at family tracing and reunification, prevention of trafficking and abuse and psychosocial support for flood victims in worst-affected districts of Araria, Supaul, Saharsa, Madhepura and Purnea. As many flood victims are in Patna, the family tracing and reunification as well as prevention of trafficking will be carried out in the capital city too. Over 400 volunteers have been deployed in camps and other transit points like railway stations and bus stations to look into these issues.

### Programme Communication:

- One NGO in each of the four districts i.e. Araria, Supaul, Saharsa, Madhepura has been engaged for coordinated and integrated interventions in the identified camps. The NGOs are functioning through Animators who have been trained on Inter Personal Communication (IPC) and



community engagement on preventive health, nutrition, hygiene, sanitation, safe water, HIV & child protection in the context of floods.

- Additionally, the Self Help Group network of Women Development Corporation (WDC) has been trained and equipped with materials for sustained social mobilisation interventions on precautions during & after floods emergency.

#### Education:

- UNICEF's advocacy efforts contributed to the State Government's decision to open Alternative Learning Spaces (ALSs) in the camps.
- Under the guidance of Government officials, a team of field extenders consisting of UNICEF and *Pratham* (NGO) volunteers have surveyed and prepared a database of children of age 6-14 years residing in the 174 camps. A detailed survey of teachers in the camp also completed. The data is in the process of compilation.
- Locations for setting up Alternative Learning Spaces (ALS) have been identified in all the 174 camps of 5 districts. With UNICEF support, 98 Alternative Learning Spaces opened in 5 districts. 381 teachers deputed in 98 ALS to ensure teaching learning initiated benefiting 33,745 children.
- UNICEF has provided starter kit (Register, portable Black Board, chalk, set of story book, VIP Cards, Marker pen, School Chalo banner, set of board games, and do's & don't in flood booklet) to teachers of 25 ALS.
- 10,000 note books, pencils, rubbers and sharpeners were distributed in mega camps of Purnea, Saharsa, Supaul and Madhepura. Procurement for 30,000 TLM, 100 School in box and TLE is in process.

#### **WFP:**

- WFP will be providing micronutrient fortified products (micronutrient fortified biscuits & ready to eat food for children below 2 years)
- Location of the support:
  - All persons living in camp of Araria and Supaul
  - Total persons receiving supplementary food: 140,179 ( people living in 111 camps in the two districts to be covered)
  - Total mt planned for distribution: 235 (225 Biscuits + 10 mt RUCF)
  - WFP's daily food basket: 75 gram biscuits/person above 2 years of age, and 50 gram RUCF for children of 6-24 months of age.
  - Staff on location: 3
  - Duration : 30 days
- WFP has plans to have a second phase for 3 months.

#### **WHO:**

- WHO is working with the UN Disaster Management Team, the Union Ministry of Health and Family Welfare, and with the Bihar State Department of Health in responding to this emergency.
- WHO is continuing with its activities of disease surveillance, polio immunization, monitoring of medical relief and collecting information from relief camps and health centres.
- The Emergency Health kits have reached Supaul and Madhepura districts.
- NPSP officials are assisting in distribution of the WHO emergency health kits to the most affected districts, utilization of the basic units of the kits at the large relief camps and supplementary units at the district and referral hospitals catering to the relief camps.
- NPSP personnel are monitoring presence of doctors, stock of medicines, availability of food, drinking water conditions, and sanitation at the camps. In some districts, NPSP is coordinating water sampling at relief camps.

#### **Inter-agency Coordination:**

- Two thematic groups (Health and Water, Sanitation & Hygiene - WASH) have been formed at Bihar state level in order to ensure collaborative inter agency effort for effective delivery of flood relief work in which all the NGOs working on both the issues, have their representation. Sectoral meetings are being held every Monday.



## **ORISSA**

### **UNDP:**

- Trained Search & Rescue volunteers (under the GOI-UNDP DRM Programme) have been kept under readiness for responding to the floods.
- The emergency operations centre constituted under the DRM programme are operational round the clock. DPOs under the DRM programme have been supporting the district administration in preparedness activities.

## **RED CROSS ACTION**

The Indian Red Cross Society (IRCS) national headquarters'(NHQ) disaster management (DM) control room has been functioning around the clock and is monitoring the new developments in flood affected states of Gujarat, Orissa and West Bengal

### **Bihar**

- Two Red Cross teams have been deployed in the field to assess medium term humanitarian needs.
- The tracing cell for missing people has been established in Patna with the help of the ICRC.
- International Federation India Office team is following up with the disaster management and communication team at IRCS national headquarters for further updates on flood operations.

### **Gujarat**

- IRCS Gujarat State Branch DM control room has been activated in Gandhinagar.
- The state branch is planning to send 378 tarpaulins and assorted clothes for flood affected people.
- The Red Cross volunteers from IRCS Surendra Nagar District have assisted the local administration in the distribution of 5000 food packets while IRCS sub-district branch in Thangadh have provided food packets and plastic water pouches to 3000 people in the flood affected areas.
- Two state disaster response team members have been deployed in the field to assess the immediate humanitarian needs and so far they have visited 8 schools where hundreds of evacuated people are staying.

### **Orissa**

- In Orissa Red Cross DM control room has been activated.
- On 19 Sept, the IRCS state branch hosted an inter agency coordination (IAG) meeting in Bhubaneshwar to assess the current floods situation.

## **SPHERE INDIA**

Sphere India is regularly facilitating and coordinating the inter-agency coordination process among humanitarian organizations in India.

### **BIHAR**

- On 16 September, Sphere India conducted its 5<sup>th</sup> Emergency Meeting for Uniform Response Action 2008 for Bihar Floods in New Delhi. Member organizations shared their updates of response and future plans for Bihar.
- The Sphere India team is facilitating information compilation and sharing with different stakeholders. On the suggestion of honourable member NDMA, Prof. Vinod Menon, Sphere India has added another feature on their website: a Blog that will act as a parking space for anybody to express their suggestions, concerns or support desired. This will be moderated by the Sphere India team and followed up with the concerned people in the government and other agencies for actions and feedback.
- Sphere India is also working to put in place a team at the district level to coordinate and facilitate information exchange. In the interim, an arrangement is being worked out for one of the member agencies to take a lead for the purpose of coordination at each district level. In this regard, Sphere India has planned NGO coordination meetings in the 6 districts below:



District	Date	Time	Venue	Contact Person	
1	Saharsa	22 Sep	10:00 am - 12 pm	Vasudeva C/o Shri Bhuneshwar Singh below District Forest Office, Gautam Nagar Saharsa	Dr. Bhanu, Director Vasudeva, 09470215372; <a href="mailto:pgvs.vasudeva@gmail.com">pgvs.vasudeva@gmail.com</a>
2	Madhepura	22 Sep	3:00 pm - 5:00 pm	Madhepura Christian Hospital, Unit of EHA,	Roy Alex, Director DM EHA, 09818637613, <a href="mailto:royalex@eha-health.org">royalex@eha-health.org</a>
3	Supaul	23-Sep	10:00 am – 12 pm	Oxfam GB Office, SINRAHI BAZAR, VISHAL HOUSE, Raghapur	Zubin Zaman, 9949094238, <a href="mailto:zubinzaman@gmail.com">zubinzaman@gmail.com</a>
4	Araria	24-Sep	3:00 pm - 5:00 pm	Save the Children Office in Forbes Ganj, Araria (Address will be intimated later)	Prabhat: 09934359311, <a href="mailto:p.kumar@savethechildren.in">p.kumar@savethechildren.in</a>
5	Purnia	25-Sep	10:00 am – 12 pm	Purnia Social and Educational Society, St. Peters Church, Purnia. 854301	Father Francis, Director, 06454-229525, 094312 30787, <a href="mailto:sscpurnia@rediffmail.com">sscpurnia@rediffmail.com</a>
6	Patna	26-Sep	11:00 am - 1:00 pm	Bipard Office, Near Polytechnic Chowank, Patliputra Patna.	Sanjay Pandey, 09835263772, <a href="mailto:sanjaypatna@gmail.com">sanjaypatna@gmail.com</a>

The tentative proposed Agenda for these meetings is:

1. NGO Mapping
  2. Key Advocacy Issues
  3. IEC Materials
  4. Camp Management issues
  5. Any other issue proposed by members
- Mapping of NGOs: Sphere India is regularly updating the Organisational Response Matrix with district wise and sector wise presence of Organizations for enhanced unified response planning and action.
  - SITREPs and maps are regularly produced and circulated in wide community of stakeholders and key agencies ([www.sphereindia.org.in/bihar%20flood.htm](http://www.sphereindia.org.in/bihar%20flood.htm) & [www.sphereindia.org.in/sitrep.htm](http://www.sphereindia.org.in/sitrep.htm) )

## SOURCES & CONTACT DETAILS

### Sources:

- Indian Meteorological Department (IMD)
- Flood Management Information System (FMIS)
- NDM Division, Ministry of Home Affairs
- Maps of India
- ASC
- UNDP Orissa Office & DPOs
- UNICEF Briefing Note No. 12
- WFP
- WHO
- Red Cross Society
- Sphere India

### For Further Information contact:

Mr. G. Padmanabhan  
Emergency Analyst, UNDP  
Email: [g.padmanabhan@undp.org](mailto:g.padmanabhan@undp.org)  
Mobile: +91 98104 02937

Ms. Shairi Mathur  
UN Disaster Management Team Associate  
Email: [shairi.mathur@undp.org](mailto:shairi.mathur@undp.org)  
Mobile : +91 98107 23192  
<http://www.un.org.in/UNDMT/home.htm>