



SITUATION REPORT No. 7 FLOODS 2008

OVERALL SITUATION

On 22 September, the Indian Meteorological Department, reported that a low level cyclonic circulation is likely over North West Bay of Bengal, off west Bengal and Orissa coast. Under its influence, fairly widespread rainfall activity is likely over northwest Uttar Pradesh, Uttarakhand, Himachal Pradesh, Orissa, north Coastal Andhra Pradesh, Jharkhand, Bihar and Sub Himalayan West Bengal. Numerical Weather Prediction models suggest fairly widespread rainfall activity is likely over Andaman & Nicobar Islands, Vidarbha and Northeastern states.

In **Bihar**, as of 19 September, one more district – Bhojpur - is affected, bringing the total number of affected districts to 18. The latest update on breach in afflux bund of Kosi Barrage: discharge of Kosi River at 8.00 AM on 20.9.2008 at Barahchetra has been reported as 59,950 cusecs, out of which 6,259 cusecs is passing through Kosi Barrage.

In **Gujarat**, heavy to very heavy rainfall has been reported in some parts of the State during last 24 hours.

According to the Central Water Commission (CWC) report dated 22 September, there are 01 high, 06 Moderates and 06 Low flood situation sites. The details of high and moderate flood sites are as under:

High flood sites:

UTTAR PRADESH

1. In Uttar Pradesh, river Ghaghra at Elgin Bridge is flowing at 106.93m against the danger level of 106.07m with a rising trend.

Moderate flood sites:

ORISSA

1. River Mahanadi at Alipingal Devi is flowing at 12.28m against the danger level of 11.76m with a falling trend.
2. River Mahanadi at Niraj is flowing at 26.78m against the danger level of 26.41m with a steady trend.

On receipt of information from CWC, an advisory has been issued by MHA to the State of Orissa for taking appropriate precautionary measures.

ASSAM

3. River Brahmaputra at Dibrugarh is flowing at 104.78m against the danger level of 104.24m with a steady trend.

UTTAR PRADESH

4. River Ghaghra at Ayodhya is flowing at 93.15m against the danger level of 92.73m with a rising trend.
5. River Yamuna at Mawi is flowing at 231.10m against the danger level of 230.85m with a rising trend.

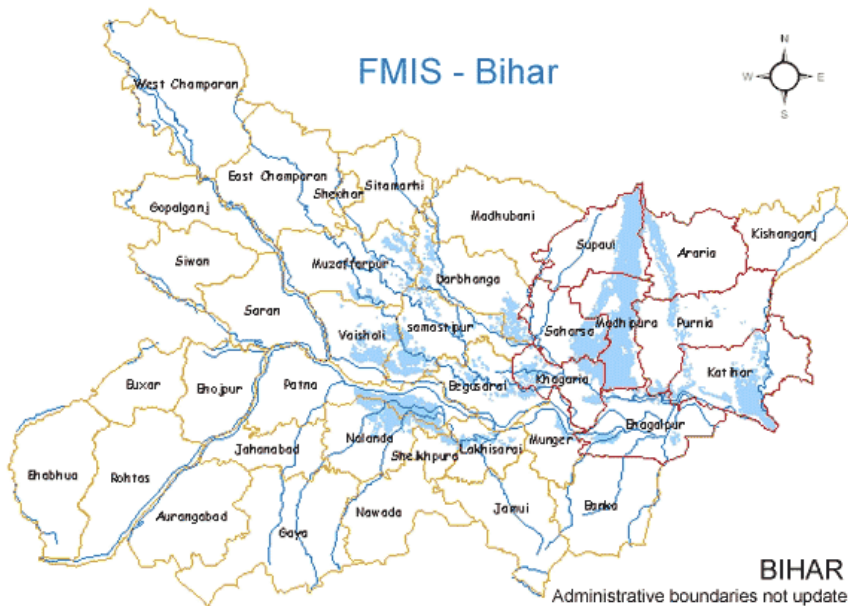
DELHI

6. River Yamuna at Delhi Rly Bridge is flowing at 205.06m against the danger level of 204.83m with a rising trend: Due to heavy rainfall in Shimla, Haryana and other adjoining places and following the release of a huge quantity of water from Tajewala barrage, river Yamuna is in spate and crossed its danger level. A high alert is reported to have been sounded by the Delhi Government. Evacuation process of people from around the river bed has also been started. More than 100 tents have been erected for evacuation of people. Boats have also been kept in readiness.



DAMAGE DETAILS

BIHAR



As of 22 Sept, the damage details in the state of Bihar are (MHA figures):

- Population affected – 4,634,000
- No. of human lives lost – 216
- No. of districts affected – 18
- No. of villages affected – 2,528
- Cropped area affected (in ha) – 337,000
- No. of houses fully damaged – 319,569
- No. of livestock lost – 787

GUJARAT





As of 21 Sept, the damage details in the state of Gujarat are (MHA figures):

- Population affected – 1,856,374
- No. of human lives lost – 94
- No. of districts affected – 15
- No. of villages affected – 122
- No. of houses damaged (fully) – 84
- No. of houses damaged (partially) - 814
- No. of livestock lost – 240
- 332 State and 512 Panchayat roads are reportedly damaged due to heavy rainfall in the State. The traffic movements on these roads have been disrupted.
- 6180 feeders, 638 transformers and 4528 electricity poles in 12962 villages have been damaged.
- Traffic and rail movement has been disrupted in Saurashtra Region.

As of 22 Sept, the damage details in the affected districts are (district government figures):

S N	Name of district	Affected Talukas	Affected Villages	Casualties		Houses damaged		Affected Status (if affected put "Y" if not, put "N")			
				Human	Animal	Partially	Fully	Road Status	Light	Drinking water	Phone
1.	Ahmedabad	4	38	6	11	survey ongoing		Y	Y	Y	Y
2.	Surendra-nagar	4	72	15	52	survey ongoing		Y	Y	Y	Y
3.	Junagadh	5	15	6	34	survey ongoing		Y	Y	Y	Y
4.	Jamnagar	1		3	39	survey ongoing		Y	Y	Y	Y
5.	Rajkot	2	3	10	27	survey ongoing		N	N	N	N
6.	Kheda	3	9	0	9	survey ongoing		Y	Y	Y	Y

ORISSA





As of 21 Sept, the damage details in the state of Orissa are (MHA figures):

- Population affected – 4,353,875
- No. of human lives lost - 55
- No. of districts affected – 17
- No. of villages affected – 3,462
- No. of cattle/ livestock lost – 53
- No. of houses destroyed (fully)- 2,872
- No. of houses destroyed (partially)– 42,318
- Cropped area affected (in ha) – 119,400
- With the Mahanadi in spate, the districts of Cuttack, Kendrapada, Jagatsingpur and Puri are severely affected.
- Breaches in the river embankment in flood affected districts has further aggravated the situation in the low lying areas.
- More than 1,500 roads are reported to have been damaged. A major portion of NH-205 connecting State capital Bhubaneswar with Puri remained cut off.
- Konark was also cut off from the mainland with water flowing over the major connecting roads.
- The flood situation in the Mahanadi system continued to be grim with more areas being submerged under water due to opening of about 61 breaches on over embankments at different places.

As of 22 Sept, the damage in the affected districts are (district government figures):

DISTRICT WISE DAMAGE DETAILS							
DISTRICTS	NO. OF BLOCKS	NAME OF THE BLOCKS	GPs	ULBs	VILLAGES	AFFECTED POPULATION	HUMAN CASUALTIES
ANGUL	3	(Ahmalik, Angul, Chenndipada)	15	1	62	14,000	3
BHADRAK	5	(Bhanaripokhari, Chandbali, Bhadrak Sadar, Dhamnagar)			583	175,000	
BOLANGIR*	4	(Bolangir, Belpada, Bangamunda, Deogarh, Gudvella, Loisinga, Khparakhol, Patnagarh, Puintala, Saintala, Titilagarh, Muribahal, Tureikela)	47		209	252,991	2
BOUDH*	14	(Kantamala, Harabhanga, Boudh)	185		598	162,735	3
CUTTACK*	3		28	1	100	54,686	
GAJAPATI	14	(Kashinagar)	170	4	473	664,542	7
JAGATSINGHPUR*	1	(Tirtol Kujanga and Biridi)	2	1	2	350	
JAJPUR*	8	(Bari, Binjharpur, Dasrathpur, Mangalpur)	61		188	147,427	2
KALAHANDI	8		111	2	427	356,255	4
KENDRAPADA*	13	(Derabis, Marshaghai, Garadpur, Pattamundai, Aul, Rajkanika, Rajnagar, Mahakalpada)	186	3	398	15,000	
KEONJHAR	9	(Ghasipura)	130	2	514	658,439	
KHORDHA	1	(Balianta, Balipatna, Bhubaneswar, Jatani, Khordha, and Begunia)	1		2	900	1
NAYAGARH	9	(Gania, Khandapada, Bhapur)	34	1	121	243,916	
PURI	3		18		94	34,575	
RAYAGADA	9		101	1	676	15,000	
SAMBALPUR	1			1		250	
SUBARNAPUR	2			1		1,266	1

* Worst affected districts



UTTAR PRADESH

As of 22 Sept, the damage details in the state of Uttar Pradesh are (MHA figures):

- Population affected – 2,575,500
- No. of human lives lost – 1,088 (cumulative since June 08) - 82 human deaths have been reported in the last 24-48 hours.
- No. of districts affected - 23
- No. of villages affected – 4,741
- No. of cattle/ livestock lost – 3,499
- No. of houses destroyed (fully)- 7,096
- No. of houses destroyed (partially)- 344,694
- Cropped area affected (in ha) – 422,000

As of 22 Sept, the damage details in two of the worst affected districts are (district government figures):

SN.	DAMAGES	BAHRAICH	GONDA
Affected Population			
1	No of Blocks Affected	4	7
2	No of Villages Affected	135	74
3	Population Affected	325,000	64,000
4	No of Families Affected	77,454	
5	Area Affected (in Ha)	84,980	
6	No. of houses damaged	3,445,000	1,365 (since June 08)
7	No of Human Deaths	64	20 (since June 08)
	Name of the affected Blocks	Bahraich, Nanpara, Mahsi, Kaiseganj	Karnalganj, Paraspur, Belsar, Parabganj, Nawabganj, Epiathop, Gonda Sadar

GOVERNMENT RESPONSE

BIHAR

As of 21 Sept, the government response is as follows (MHA figures):

- No. of persons evacuated – 1,028,345
- No. of relief camps opened – 372
- No. of persons accommodated in relief camps – 385,932
- No. of health centres opened - 409
- No. of medical teams deployed – 177
- No. of boats deployed – 3,654
- No. of cattle in cattle camps – 54,230 in 189 camps
- Food packets distributed by the State - Wheat & Rice-105,522.00 Q, Chana-653.10 Q, Chura-7,168.70 Q, Sattu- 873.85 Q, Gur-1,167.58 Q, Salt-65.27 Q, Matchboxes-231,385, Candles- 411,457 K.Oil-142,736 ltr, Polythene Sheets distributed-173,261. Ready Food distributed by DM – Araria/ Supaul/Madhepura/ Saharsa: 2,020,980 packets



- Food packets airdropped by the State - 121,892 (Chura-3,659.82 Q, Sattu-1,216.46 Q, Gur-609.56, Salt-609.56 Q, Halozone Tablets – 438,680 & Water bottles – 174,387)
- Cash distributed by the State - 340.64 lakh has been distributed so far.
- Total of 19 teams of NDRF (789 personnel including 11 Officers) along with 158 boats (104 inflatable, 19 BAUTs & 35 country boats/rafts) continue to be deployed in Supaul, Madhepura, Araria and Purnia for flood rescue and relief duties.
- BSF/ITBP (NDRF) Medical Teams led by three Medical Officers remain engaged in providing medical aid to 110 patients by establishing Medical Camps at respective places in areas in Banmankhi block (Distt Purnia).
- In Bihar, 37 Army columns with 37 ETFs and 39 Medical teams continue to be deployed for rescue and relief operations in flood affected areas.

GUJARAT

As of 21 Sept, the government response is as follows (MHA figures):

- No. of relief camps opened – 137
- No. of persons accommodated in relief camps – 56,992
- No. of health centres opened - 429
- No. of medical teams deployed – 429 medical teams consisting of 183 medical officers and 1198 paramedical staff have been deployed in the affected areas.
- No. of boats deployed – 9
- 12 teams of vet. Medical officers have also been deployed in the flood affected areas. So far, 5867 animals have been given treatment and 642 were vaccinated.
- About 10,000 foodgrains packets have been distributed in the flood affected areas.

Sr. No	Name of District	Evacuation	Rescue	Food packets distributed
1	Ahmedabad	8,323	319	6,400
2	Surendranagar	27,281	96	78,192
3	Junagadh	3,125	85	-
4	Jamnagar	-	-	-
5	Rajkot	0	10	-
6	Kheda	1,157	87	400

ORISSA

As of 21 Sept, the government response is as follows (MHA figures):

- No. of persons evacuated – 309,610
- No. of relief camps opened – 689
- No. of persons accommodated in relief camps – 240,754
- No. of medical teams deployed – 65
- No. of boats deployed – 1,515
- GR paid, if any - Rice – 57,861.86 Q, Chuda – 8,174.39 Q, Gur – 788.00 Q & Sugar-25 kg
- Free kitchens have also been opened in which food packets i.e. dry ration and cooked food and other essential commodities are being distributed to the affected people.
- Halozone tablets, ORS packets, water pouches, cattle feed and relief materials have also been distributed.
- In Orissa, two MI-17 helicopters airlifted 16.60 tons and 7 passengers in 7 sorties in Bhuwaneshwar, Chandpur, Cuttack and Gardpur.
- 1 additional MI-17 helicopter has been positioned at Bhuwaneshwar for flood relief operations.



State & district governments' response:

- In the severely affected districts, the state government has deployed senior officials for better flood coordination.
- Trained personnel from the Orissa Disaster Rapid Action Force (ORDAF) Team have been deployed in the affected areas for rescue and relief operations.
- People from marooned villages have been evacuated to safer places like cyclone shelters, schools and colleges. Free kitchens are also operational in these relief centres.
- Emergency Operations Centres are operational round the clock in all the affected districts for better information management and coordination.
- **Boudh district:**
 - The flood in this district is reported to be the worst since 1982. Water levels of the Tel and Mahanadi surpassed the danger level on 19 September, thus causing floods in large areas.
 - Three days relief was sanctioned by the District Administration.
 - Free kitchen centers are operational in 55 relief centers accommodating 20,196 flood victims.
 - To evacuate the marooned from 81 villages that were submerged in water, 64 boats including 2 power boats from ODRAF were pressed into service. Helicopters were also used for evacuation.
- **Puri district:**
 - The ODRAF team has been mobilized and deployed in vulnerable areas of Kanas and Pipli blocks for evacuation, rescue and clearing off roads.
 - An NGO coordination meeting was held facilitated by the District Emergency Officer and UNDP personnel. The meeting was attended by 14 NGO representatives from 11 blocks. If required, all of them agreed to extend volunteer support to the district administration.
- **Angul district:**
 - The government was actively engaged in rescuing the marooned and shifting them to safer places in Athamalik block. 25 boats were deployed for the evacuation process.
 - 26 free kitchens are being run and 2 medical teams have been deployed.
 - Senior officials of the district administration have been camping at the vulnerable sites in Athamalik and Tikarpada blocks.
- **Bhadrak district:**
 - Emergency relief items comprising flattened rice, jaggery has been distributed.

DISTRICTS	BLOCKS	PEOPLE EVACUATED	NO. OF RELIEF CAMPS
ANGUL	3	11,423	26
BARGARH	5		
BHADRAK	4		
BOLANGIR	14	14,523	32
BOUDH	3	17,296	2
CUTTACK	14	75,441	30
GAJAPATI	1		1
JAGATSINGHPUR	8	38,579	44
JAJPUR	8	5,490	
KALAHANDI	13	1,200	10
KENDRAPADA	9	73,202	
KEONJHAR	1	900	2
KHORDHA	9	4,134	
NAYAGARH	3	10,000	17
PURI	9	25,076	39
RAYAGADA	1		
SAMBALPUR	2	978	4
SUBARNAPUR	6		



UTTAR PRADESH

As of 22 Sept, the government response is as follows (MHA figures):

- No. of persons evacuated – 57,425
- No. of relief camps opened – 441
- No. of persons accommodated in relief camps – 48,182
- No. of medical teams deployed – 183
- No. of boats deployed – 4,330
- 17 Companies of PAC have been deployed with 184 motorized boats and 88 wooden boats in the affected areas for relief and rescue operations.
- Food packets distributed by the State - Rice-49,566.86 Q, Wheat/Aata-4259.35 Q, salt-2,612.63 Q, K/Oil-1,296,464 Ltr
- Cash distributed by the State - 586.67 lakh has been distributed so far.

UN RESPONSE

The UN in New Delhi is holding meetings on a weekly basis on the flood situation in Bihar. At the next meeting, the floods in Bihar and Orissa will be discussed. These information-sharing meetings are being attended by all UN agencies in New Delhi as well as NGOs and bilateral agencies.

In **BIHAR**, the UN agencies, particularly UNDP, UNICEF, WFP and WHO are continuing with their activities.

ORISSA

- On 19, 20 and 21 September, the state branch of IRCs convened an Inter Agency Group Meeting (IAG) to assess the flood situation and explore the possible needs of the affected communities. It was attended by representatives of different I/NGOs including members of UN Agencies i.e. UNDP, UNICEF, WFP and UNFPA.
- At the IAG meeting on 20 Sept, the following decisions were taken:
 - It was decided that the partners would provide the list of available resources sector / district - wise for wider dissemination in the appropriate format.
 - UNDP personnel and NGO Coordinators at the district level would be the focal persons for the IAG, coordinating and working closely with the district administration.
 - Special relief Commissioner has requested for Tents and Tarpaulin Sheets as immediate need.
 - IAG Monitoring Matrix mapping - District wise/sector wise presence of organisations working in Orissa is being done.
- Meetings were held among the UN agencies to discuss the flood situation and how the UN could support the state government particularly in coordination.
- UNICEF has pre-positioned some of the important materials like halozone tablets, calcium hypochloride with CDMO 's office in the districts.
- UNDP personnel under the DRM Programme have been supporting the District Administration in manning the control room, information management, etc.

SPHERE INDIA

Sphere India is regularly facilitating and coordinating the inter-agency coordination process among humanitarian organizations in India. In both Bihar and Orissa, Sphere India is participating in the IAGs and sharing meeting reports.

- 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 for both Bihar and Orissa.
- SITREPs and maps are regularly produced and circulated in wide community of stakeholders and key agencies (www.sphereindia.org.in/bihar%20flood.htm & www.sphereindia.org.in/sitrep.htm)



SOURCES & CONTACT DETAILS

Sources:

- Indian Meteorological Department (IMD)
- Central Water Commission (CWC)
- NDM Division, Ministry of Home Affairs
- UNDP Orissa Office & DPOs
- Sphere India

For Further Information contact:

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

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