



SITUATION REPORT IN INDIA ON FLOOD/HEAVY RAIN FALL AS ON 29TH AUGUST 2019

SITUATION IN INDIA

More than 8869768 population affected by Flood and landslide, nearly 1155 people are reported to be dead across India due to monsoon related incidents as per the latest report of the National Emergency Response Centre, MHA released on 26th August 2019. While the states of Karnataka and Kerala are still dealing with the destruction, northern India is now bracing for the worst. Among the northern Indian states Himachal Pradesh, Uttarakhand, Punjab and Maharashtra are the flood affected states. Many are homeless, several villages submerged by flood water affecting the normal life of the people in this state. The states government is leading the relief and rescue work where the humanitarian agencies in the respective states is supplementing the government effort.

A. SITUATION REPORTS - TILL DATE (DURING CURRENT MONSOON SEASON) AND CUMULATIVE

Punjab

The flood situation in Punjab is likely to improve as the release of excess water from the Bhakra dam has been reduced following a request from the state government. Following heavy rains and release of water from the Bhakra Dam, the swollen river Sutlej and its tributaries flooded villages in several areas, causing extensive damage to crops, especially paddy, and houses in low-lying areas.

The situation, however, is likely to improve as the release of excess water through spillway gates from the Bhakra dam has been reduced to about 8,000 cusecs. Over 8,000 poultry birds and 120 bovines have been reported dead in the Punjab floods. The total value of the livestock loss has been pegged at Rs 91 lakh. A few villages in Ferozepur district are facing a flood threat after a major portion of an embankment in the catchment area of the Sutlej river was washed away due to the Pakistan's release of water into the Indian territory.

Uttarakhand

In Uttarakhand, the number of dead rose to 12, Cloudbursts have wreaked havoc in a dozen villages of Uttarakhand's Uttarkashi district, washing away houses and hectares of agricultural land. Most rivers in Uttarakhand were overflowing, with the Ganga crossing the danger mark in Haridwar and flowing close to it in Rishikesh. Major districts affected are; 13 (Almora, Bageshwar, Chamoli, Champawat, Dehradun, Nainital, Pauri, Pithoragarh, Rudraprayag, Tehri, Udham Singh Nagar, Haridwar and Uttarkashi) . 05 Teams of NDRF are deployed. So far evacuated 53 persons & 01 livestock and retrieved 04 dead bodies.

Delhi

Light to moderate showers were recorded in national capital Delhi. Light to moderate showers were recorded in national capital. Major districts affected are 06 (North Delhi, Central Delhi, North East Delhi, Shahdara, East Delhi and North West Delhi). 05 Teams of NDRF are deployed. So far 22 persons evacuated and 27 Livestock evacuated.



Himachal Pradesh

Parts of Himachal Pradesh received light to moderate rainfall from Saturday and scattered downpour is expected to continue till August 31, the MeT office said. Light to moderate rain occurred at some places, including state capital Shimla, Dalhousie and Manali from Saturday. The highest temperature was recorded in Una at 32.8 degrees Celsius, whereas the lowest temperature in the state was in tribal district Lahaul-Spiti's administrative centre Keylong at 11.8 degrees Celsius. 02 Teams of NDRF are deployed. So far rescued 08 persons and retrieved 02 dead bodies.

Maharashtra

Most affected districts are 22 (Sangli, Kolhapur, Nagpur, Latur, Nashik, Wardha, Yavatmal, Aurangabad, Bhandara, Gondia, Gadchiroli, Palghar, Nandurbar, Buldhana, Amaravati, Dhule, Ratnagiri, Pune, Raigad, Hingoli, Ahmednagar, Thane). The flood in Maharashtra have damaged crops on over 4 lakh hectares in western and northern parts of the State. Sugarcane, cotton, rice, soyabean, tur dal, groundnut are among the worst hit. 04 Teams of NDRF are deployed. So far rescued 11506 persons, evacuated 21822 persons & 40 livestock, retrieved 20 dead bodies and provided medical Assistance to 1596 needy persons.

Kerala

For the second year in a row, heavy rains in the state of Kerala have proven deadly for people. Incessant rain accompanied with the raise of water level in rivers and other water bodies have resulted in flooding in many parts of Kerala. 125 people have lost their lives. Severe loss of crops and damage of houses occurred. Over 14559 houses have been damaged partially and 1795 houses damaged completely so far. The state witnessed 80 landslides which destroyed houses and damaged roads and other infrastructures. Districts that have been severely affected include Wayanad, Malappuram, Kozhikode, Kannur, Palakkad, Thrissur and Ernakulam districts. Number of people in camps on the peak day was -255,000, which reduced to 4762 in 38 camps on 25 Aug morning (KSDMA Report 25 Aug). Most of the people in the camps are likely to return back to their home in next 2-3 days.

Karnataka

Major districts affected 13 (Belagavi, Vijayapura, Bagalkot, Yadagiri, Raichur, Uttara Kannada, Udupi, Dakshina Kannada, Kodagu, Chikkamagaluru, Hassan, Haveri and Shivamogga). 04 Teams of NDRF are deployed. So far rescued 435 persons, evacuated 9306 persons & 82 livestock and retrieved 09 dead bodies. The state government has assessed that 21,431 houses and crops in 4.16 lakh hectares had been damaged in the floods following heavy rains. The rain has left 104 people dead. Districts in the north, Malnad and coastal regions are the worst affected by rain, flooding and landslides. At least 6 people are missing and over 48760 homes are damaged.

Gujarat

The situation is getting back to normal quickly in the state of Gujarat. 107 human live lost till today.. Most affected districts are ; 20 (Vadodara, Surat, Anand, Bharuch, Valsad, Navasari, Tapi, Narmada, Dang, ChhotaUdepur,Ahmedabad, Gandhinagar,Bhavnagar , Surendra Nagar, Morbi, Rajkot, Kutch, Jamnagar, Kheda and Porbander) . 08 Teams of NDRF are deployed. So far rescued 485 persons, evacuated 4315 persons including 05 pregnant ladies & 62 livestock, retrieved 08 dead bodies and provided medical Assistance to 2853 needy persons.



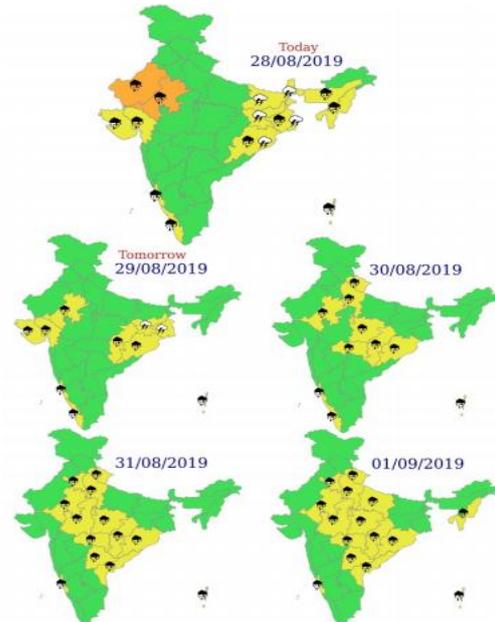
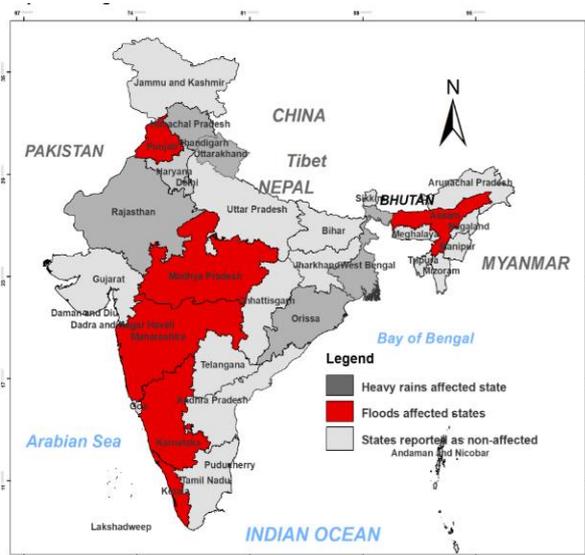
Assam

Rainfall fall down in the state of Assam and situation is getting back to normal in the state. According to the state government sources, 42,921 people in eight of the 33 districts severely hit. A total of 94 killed in the flood. According to the the Assam State Disaster Management Authority (ASDMA).The severely affected districts are: 32 (Dhemaji, Lakhimpur, Biswanath, Sonitpur, Darrang, Udalguri, Baksa, Nalbari, Barpeta, Chirang, Bongaigaon, Kokrajhar, Dhubri, South-Salmara, Goalpara, Kamrup, Kamrup (M), Morigaon, Hojai, Nagaon, KarbiAnglong, West Karbi- Anglong, Golaghat, Majuli, Jorhat, Sivasagar, Charaideo, Dibrugarh, Tinsukia, Cachar, Karimganj, Hailakandi). 11 Teams of NDRF are deployed. So far rescued 13 persons, evacuated 9853 persons & 47 livestock, retrieved 13 dead bodies and provided medical Assistance to 6062 needy persons and 795 livestock.

Madhya Pradesh

Major districts affected are 34 (Barwani, Mandla, Ratlam, Jhabua,Khandwa, Raisen, Burhanpur, Mandsaur, Ujjain, Shajapur, Vidisha, Hosangabad, Alirajpur, Sehore, Khargone, Tikamgarh, Guna, Sagar, Betul, Katni, Chindwara, Dindori, Rajgarh, Indore, Sheopur, Morena, Shivpuri, Umaria, Jabalpur, Bhopal, Datia, Anuppur and Harda. 205 villages affected and 105 human lost their lives. 03 Teams of NDRF are deployed. So far evacuated 149 persons & 12 livestock.

B. IMPACT OF THE SITUATION - Till date (20.08.2019 to 28.08.2019) - Cumulative



Impact of the Situation

- Over 8869768 people affected and 1155 people death DUE TO FLOOD, LANDSLIDE AND HEAVY RAINS
- Over 7476 relief camps/centers opened
Over 12.6 lakh inmates in relief camps DUE TO FLOOD, LANDSLIDE AND HEAVY RAINS
- Total no. of house damaged - Under Assessment. DUE TO FLOOD, LANDSLIDE AND HEAVY RAINS
- Over 16 lakh animals affected (Big, small and poultry) DUE TO FLOOD, LANDSLIDE AND HEAVY RAINS

WARNING

- WARNING (TAKE ACTION)
- ALERT (BE PREPARED)
- WATCH (BE UPDATED)
- NO WARNING (NO ACTION)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

- Heavy Rain
- Heavy Snow
- Thunderstorm
- Dust Storm
- Strong Winds
- Visibility
- Cyclone
- Squall/ Hail
- Frost
- Cold Wave
- Heat Wave
- Sea State



C. HUMANITARIAN RESPONSE

Government response

- A meeting of National Crises Management Committee was held on 20.08.2019 to review the prevailing flood situation in the states of Himachal Pradesh, Punjab, Uttarakhand, Haryana and Delhi. Cabinet Secretary took stock of the current situation, preparedness, and rescue & relief operations and directed that immediate assistance, as sought by the states, be provided to meet the crisis. It was also directed to make available necessary financial assistance from the State Disaster Response Fund to the affected states.
- Ministry of Home Affairs has constituted Inter Ministerial Central Teams (IMCTs) for the States of Assam, Meghalaya, Tripura, Bihar, Uttarakhand, Himachal Pradesh, Gujarat, Rajasthan, Maharashtra, Karnataka and Kerala affected by recent floods to have first-hand on-the-spot assessment of damages caused and relief work carried out by the State administration.
- In Punjab the government has asked authorities in deluge-hit districts to hire counsellors to prevent acute stress-related "psychological" issues among affected people. The suggestion came as a part of a post-flood action plan which was issued to the district administrations of Jalandhar, Kapurthala, Rupnagar, Ferozepur, Ludhiana, Fazilka and Moga.
- In Punjab Chief Minister Amarinder Singh chaired a high-level meeting to review the flood situation in Ferozepur, Jalandhar, Kapurthala and Rupnagar districts and directed the principal secretary Water Resources to ensure strengthening of the Tendiwala embankment on war footing to avert the flooding of nearby villages.
- Hon'ble chief minister of Punjab has announced Rs. 100 crore for emergency relief and rehabilitation measures in affected regions.
- In Uttarakhand 05 Teams of NDRF are deployed. So far evacuated 53 persons & 01 livestock and retrieved 04 dead bodies.
- In Punjab, in Ferozepur district administration has announced evacuation in most sensitive villages along the Sutlej river as a precautionary measure.
- In Delhi Adequate nos of State police/ fire dept. have been deployed along 30 boats and remaining 24 boats are on standby.

Non-Governmental Organisation response

- The respective IAGs in the state are closely monitoring the situation.
- Emergency flood coordination meeting was held on 13th August 2019 at World Vision India Office Premises, New Delhi from 3-4:30 PM with active participation of the IAGs. The details reports can be accessed at <https://sphereindia.blog.files.wordpress.com/2019/08/13-08-2019-minutes-of-emergency-coordination-meeting-held-at-world-vision-india-office-new-delhi.pdf>



- Emergency flood coordination Skype meeting was held on 16th August 2019 as a forward action of 13th Aug 2019 meeting held at World Vision India Office. The details report can be accessed at <https://sphereindiablog.files.wordpress.com/2019/08/16.08.2019-darft-minutes-of-emergency-coordination-skype-meeting-on-flood-situation-in-india.pdf>
- Multi sector preparedness meeting was held at UNICEF Office, Delhi on 19th August 2019 as a part of observing the World Humanitarian Day 2019.
- IAG Idukki, IAG Alappuzha, IAG Wayanad, IAG Pathanamthitta flood emergency coordination meeting is on progress at respective districts collectorate premises in Kerala.
- State level Inter-Agency Coordination meeting was held on 13th Aug 2019 at Kerala State Disaster Management Authority (KSDMA). The discussion was initiated and moderated by Mr. Job Zachria, UN recovery coordinator. The meeting was co facilitated by Mr. Joe John, Programme Officer, KSDMA. Ms. Valsalakumari IAS (retired) Consultant, UNICEF, Ms. Annie George, UNDP state coordinator and Indu. V, shelter coordinator, UNDP. Mr. Vijeesh. P, SPO, Sphere India Sheared details of flood response activities initiated under IAG coordination at both state and district level.
- The updated URS Matrix's: Resource Mapping and Planning for 2019 Flood in India for the states of 1. Assam 2. Bihar 3. Karnataka 4. Kerala 5. Maharashtra and 6. HR information as on 22nd August 2019 can be accessed through below pasted link. Requesting agencies to regularly filled the information in MIS format by updating all the sheets (in below pasted link) on Response/Planning and HR mapping. https://docs.google.com/spreadsheets/d/17K_c9-wvpdRiSaHx7U7Uf0hmlxIIIMomG-pjCp7pqGU/edit?usp=sharing_eil&ts=5d56f91c

D. EMERGENCY NEEDS

Some of the immediate indications of humanitarian support outline the following:

- WASH
 - Hygiene Kits (Sanitary Pad, soaps, menstrual hygiene materials, nail cutters etc.)
 - Public Health Promotion activities
 - Bleaching powder, sanitation and hygiene materials for the families and cleaning of the villages.
 - Targeted hygiene promotion for household water treatment, excreta disposal and safe storage in poor and marginalized households
 - Debris cleaning through cash for work.
 - Temporary community latrine
- Health: Important medicines through health camps
- Food and livelihood
 - Fodder for livestock
 - Livestock support



- It is important to help restore livelihoods through the promotion of short-term emergency agricultural activities (distribution of seeds, agricultural inputs and tools)
 - It will be better that the humanitarian organisations can explore the possibility of imparting different types of livelihood trainings with market linkages to the affected populations
 - Unconditional cash Transfer (UCT).
- Shelter support- Tarpaulin sheet, mosquito nets, utensils, solar lanterns, bed sheets and cloths
 - There is a need of complete shelter as requested by the affected people those lost their complete house.
 - Construction of temporary houses.
 - Humanitarian organisations and well-wishers can explore/contribute towards the shelter recovery of partially damaged HHs belonging particularly to the socially and economically marginalised communities.
 - Education and Protection
 - Special school dress, books for the school going children
 - Child Friendly Spaces (CFS)

E: SOURCE OF INFORMATION

Media, IAGs WhatsGroup, India Meteorological Department and flood/heavy rainfall report by Ministry of Home Affairs Disaster Management Division (National Emergency Response Centre), organisational JRNA report shared by ChildFund India, Oxfam India and Caritas India.

F. KEY CONTACTS:

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Disclaimer: Sphere India makes every effort to verify the information contained in its Situation Reports. As the ground situation changes rapidly in emergency situations, users should check with concerned agencies before making any decisions based on the information provided in this report.