



Daily Flood Situation Report cum Advisories

07-08-2019

1.0 IMD information

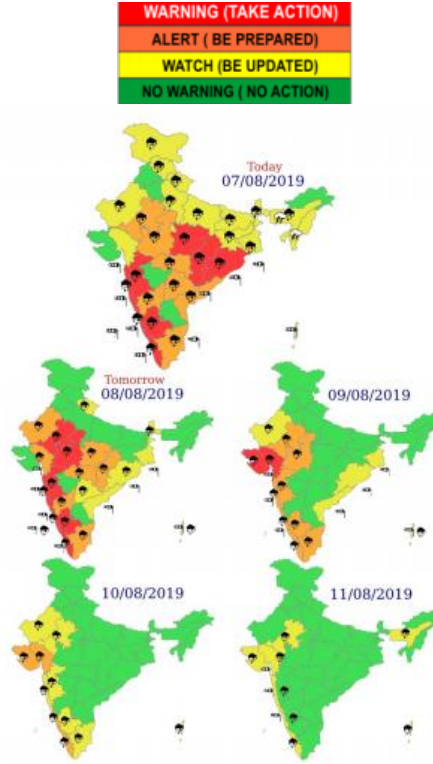
1.1 Rainfall Situation

1.1.1 Amount of rainfall recorded at 0830 hours IST of today (14 cm or more) as per IMD

Name of Place (State)	Rainfall (in cm)
Avalanchi (TN)	41
Lanjigarh (Odisha)	38
Mangaon (Maharashtra)	32
Bhagamandala (Karnataka)	29
Mahabaleshwar (Maharashtra), Kottigehara (Karnataka)	28 each
Kutragud (Odisha)	26
Hosanagar (Karnataka), Koyna dam (Maharashtra)	25each
Gaganbawda (Maharashtra), Kollur (Karnataka)	23 each
Katra (J&K), Upper Bhavani (TN), Kollur & Yellapur (Karnataka), Tala (Maharashtra), Upper Indravati Dam (Odisha)	22 each
Hunchadakatte, Ponnampet&Kammardi (Karnataka) , Mahad & Sawantwadi (Maharashtra)	21 each
Napoklu (Karnataka)	20 each
Subramanya (Karnataka), Ajra & Radhanagri (Maharashtra), Gudari (Odisha)	19 each
Londa & Sringeri(Karnataka), Kudal & Chandgad (Maharashtra)	18 each
Vadakara & Vythiri (Kerala), Khanapur (Karnataka), Chiplun, Shirgaon, Dawdi & Tamini (Maharashtra)	17 each
Koppa & Santegulli (Karnataka), Murud (Maharashtra), Phulbani, Balimela Dam & Kantamal (Odisha)	16 each
Sulya, Halyal, Virajpet&Jayapura (Karnataka), Javalimedha & Ambone (Maharashtra), Saradhapat (Odisha)	15 each
Kittur & Madikeri (Karnataka), Poladpur & Patan (Maharashtra)	14 each



1.1.2 Rainfall forecast for next 5 days issued on 7th August, 2019 (Midday) by IMD



2.0 CWC inferences

2.1 Flood Situation

2.1.1 Summary of Flood Situation as per CWC Flood Forecasting network

PART - I: LEVEL FORECAST		
S.No.	Flood Situations	Numbers of Forecasting Sites
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	0
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	11
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	22
D	Normal Flood Situation with Forecast: (Site (s) where water level is below Warning Level but Forecast Issued)	9
Total number of sites above Warning Level (A+B+C)		42
PART - II: INFLOW FORECAST		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)		21

For detail bulletins refer to



2.1.2 Flood Situation as per actual/ forecasted rainfall situation

IMD has forecasted heavy to very Heavy rain at few places with isolated Extremely Heavy rainfall in Odisha, Chhattisgarh, East Madhya Pradesh, Konkan & Goa, Madhya Maharashtra, Coastal and South Interior Karnataka on many of the days from 7th to 10th August. Heavy to Very Heavy rain has also been forecasted in Kerala from 7th to 10th with extremely heavy rainfall on 8th and 9th August.

2.2. Maharashtra & Gujarat

2.2.1 West Flowing Rivers

Due to ongoing extremely heavy rainfall in Maharashtra, many of the rivers in Thane, Raigad, Pune, Nasik, Ratnagiri, Palghar districts were in severe floods and are presently in falling trend. Due to extremely heavy rainfall forecasted between 7th and 9th August, most of the west flowing rivers such as Ulhas, Kal, Savithrimay again rise and cause inundation. Strict watch has to be maintained on all rivers in Thane, Raigad, Palghar, Ratnagiri, Sindhudurg, Pune and Nasik. Precautions have to be taken in small dams where there are chances of spilling due to this rainfall.



Due to expected heavy rainfall in Mumbai and its suburban areas, there is likelihood of urban flooding due to drainage congestion and water logging. Railway/Road movement over the bridges in the district should be regulated as there is likely to be water logging near rail track and over road bridges. All precautions have to be taken for the next 72 hours in view of the rainfall warnings given.

2.2.2 Godavari Basin in Maharashtra, Chhattisgarh, Odisha, Telangana and Andhra Pradesh

Due to extremely heavy rainfall in association with deep depression in Bay of Bengal, inflows of the order of 2100 cumec was received at Upper Indravathi Project. River Sabari also rose significantly at Sardaput in Malkangiri District. Due to forecasted extremely heavy rainfall on 8th onwards in Odisha, Chhattisgarh, East Madhya Pradesh and Vidarbha during 8th to 9th May 2019, there is likelihood of rise in river levels in Indravathi, Sabari, Pranhita and Lower Godavari Basins in the States of Odisha, Chhattisgarh, Maharashtra, Telangana and Andhra Pradesh. River Godavari continues to flow in Above Normal Flood Situation at Dowlaiswaram Barrage in East Godavari District of Andhra Pradesh. Since the present water level is quite high any further increase in rainfall will lead further flooding in the Godavari Basin.

2.2.4 Krishna Basin in States of Maharashtra, Karnataka, Telangana and Andhra Pradesh

Due to ongoing extremely heavy rainfall for the past two weeks, river Krishna is rising all along its course in Maharashtra from its source regions. River Krishna is rising at Karad, Arjunwad, Kurundwad River Krishna and its tributaries Panchganga and Varna are flowing in Severe Flood Situation at Kurundwad, Terwad and Samdoli all in Kolhapur District respectively. River Krishna is flowing in Above Normal Situation at Arjunwad in Sangli District. Hydrographs of important Flood Monitoring Stations which are very near to Highest Flood Level (HFL) is appended.

Since very heavy to extreme rainfall has been forecasted to continue for another 3 days, proper precautions have to be taken and advance release of water may have to be resorted to in order to avoid panic discharges after dam attaining FRL. Necessary warnings to downstream reaches have to be done well in advance to avoid inundation in downstream areas. Downstream states have also to be warned well in advance for taking proper precautionary measures. Since Khadakwasla dam is already full, there is possibility of releases from this dam and this may inundate low lying areas in Pune City along the rivers Mula and Mutha.

Due to heavy flows in river Krishna and from many of the tributaries of river Krishna in Maharashtra as well as heavy rains in Belagavi, Vijayapura, Yadgir and Kalaburagi Districts of Karnataka, there is likely to be increased flows in river Krishna and its tributaries in Karnataka in the districts of Belagavi, Vijayapura, Bagalkote, Kalaburagi, Yadgir, Raichur are likely to face increased water levels. Since most of the dams and barrages in Karnataka and Telangana on river Krishna are already very near Full Reservoir Level (FRL), there is likelihood of increased inflows into Srisaillam dam during the next 3-4 days which will take it very near the FRL by the end of this week.

Due to extremely heavy rains in Kolhapur District of Maharashtra and Belagavi District of Karnataka, river Ghataprabha at Gokak Falls in Belagavi district crossed HFL and is still continuing to flow in Extreme Flood Situation with a level which .

2.2.5 West Flowing river between Tadri and Kanyakumari

Due to extremely heavy rain in Dakshina Kannada, Udipi and Uttara Kannada District, most of the rivers in this basin is rising. River Agahanashini at Santeguli in Uttara Kannada district flowed in Extreme Flood Situation today between 12 noon and 1400 hours and then fell to severe flood situation, Hydrograph is appended.

In view of the forecast of extremely heavy rainfall, strict vigil has to be maintained in all rivers and on road/rail bridges in these districts.

2.2.5 Assam

Rivers Buridehing, Dikhow, Desang, Jia-Bharali Dhansiri (S) and Brahmaputra are flowing in above normal to Severe Flood Situation in the districts of Sonitpur, Shivsagar, Jorhat and Golaghat. These are likely to continue in Severe to Above Normal Flood for the next 2-3 days.

2.2.6 Bihar

विंग-2, द्वितीय तल
पश्चिमी खंड-2, राम कृष्ण पुरम
नई दिल्ली-110066
दूरभाष-011-26106523,26105274,26182836
ईमेल: fmdte@nic.in

जल संरक्षण- सुरक्षित भविष्य



Wing-2, 2nd Floor,
WestBlock-2, RKPuram,
New Delhi- 110066
Tele: 01126106523, 26105274, 26182836
Email : fmdte@nic.in

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Rivers Gandak, Burhi Gandak, Bagmati, Adhwara Group, Kamla Balan, Kosi and Mahananda continue in Severe to Above Normal Flood Situation. This is likely to continue for another 2-3days in Bihar and then slowly fall as rainfall is not forecasted in Bihar.

Flood Affected Districts include:

Bihar: North Bihar Districts
Assam: Jorhat, Golaghat & Sonitpur
Maharashtra: Ratnagiri, Sindhudurg, Thane, Raigad, Palghar, Pune, Sholapur, Satara, Sangli, Kolhapur, Nasik
Karnataka: Belagavi, Vijayapura, Bagalkote, Kalaburagi, Yadgir, Raichur, Dakshina Kannada, Udupi, Uttara Kannada, Chikmagaluru, Hassan, Kodagu and Shivamogga.

Flood Alerted Districts include:

Maharashtra: Districts in the basins of Wainganga, Wardha, Pranhita, Penganga, Tapi
Gujarat: Surat, Vapi, Tapi, Dangs, Narmada
Dadra Nagar Haveli: Silvassa
Daman & Diu: Daman
Chhattisgarh: Districts in the basins of Mahanadi, Indravathi, Sabari
Madhya Pradesh: Narmada
Karnataka: Ballari, Koppal
Kerala: Kasargod, Kannur, Kozhikode, Wynad, Idukki
Gujarat: Districts in Basins of Mahi, Sabarmati, Daman Ganga, Tapi and Narmada
Rajasthan: Districts in Basins Mahi, Sabarmati, Luni, Chambal





Flood Affected and Alerted areas in the Country

