



Daily Flood Situation Report cum Advisories

08-08-2019

1.0 IMD information

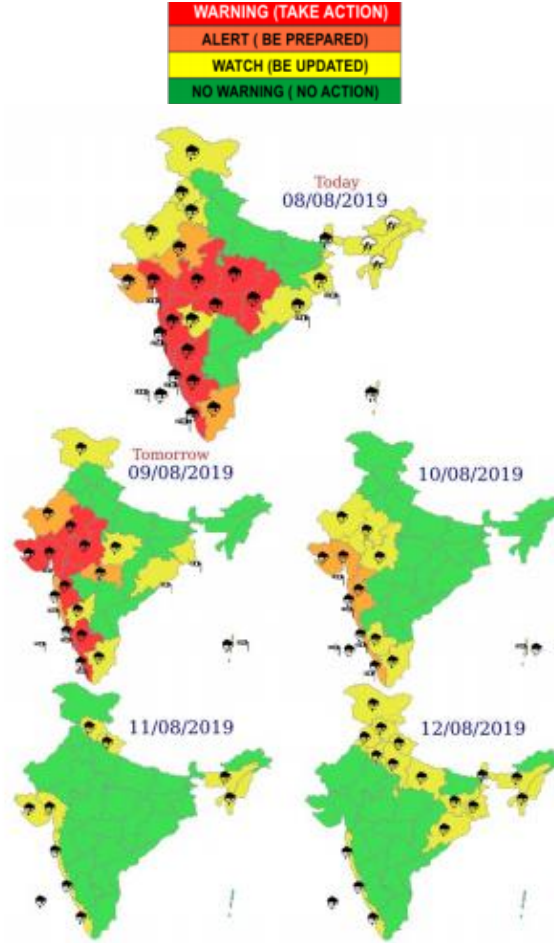
1.1 Rainfall Situation

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)	82
Kottigehara (Karnataka)	31
Upper Bhavani (TN)	30
Tamini (Maharashtra)	29
Dawadi (Maharashtra)	28
Londa (Karnataka), Mahabaleshwar (Maharashtra)	27 each
Kalasa & Sringeri (Karnataka), Manantoddy (Kerala), Chhota Udaipur (Gujarat)	26 each
G Bazar (TN), Vytiri (Kerala)	24 each
Chinnakalar (TN), Napoklu (Karnataka), Raipur (Chhattisgarh)	23 each
Hosanagar (Karnataka)	22
Devala (TN), Yellapur (Karnataka), Shirgaon (Maharashtra)	21 each
Valparai (TN)	20
Madikeri & Virajpet (Karnataka), Peermade (Kerala)	19 each
Periyar & Emerald (TN), Mudigere & Jayapura (Karnataka), Sawantwadi & Ambone (Maharashtra), Jagdalpur (Chhattisgarh)	18 each
Vengurla (Maharashtra), Jharsuguda (Odisha)	17 each
Naduvattam & Glenmorgan (TN), Belagavi (Karnataka)	15 each



1.1.2 Rainfall forecast for next 5 days issued on 8th August, 2019 (Midday) by IMD



2.0 2. CWC inferences

2.1 Flood Situation

2.2.1 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 Chhattisgarh, Madhya Pradesh, Vidarbha, East Rajasthan, Gujarat, Konkan & Goa, Madhya Maharashtra, Kerala, Coastal and South Interior Karnataka on 9th to 10th August. Heavy to Very Heavy rain has also been forecasted in Tamilnadu on 9th August 2019.

2.2. Godavari Basin

Due to ongoing extremely heavy rainfall for the last two days and forecasted extremely heavy rainfall for 9th August onwards in Chhattisgarh, East Madhya Pradesh and Vidarbha during 7th to 9th May 2019, there is likelihood of rise in river levels in Indravathi, Sabari, Pranhita and Lower Godavari Basins in the States of Chhattisgarh, Maharashtra, Telangana and Andhra Pradesh. River Indravathi is flowing in Severe Flood Situation. River Godavari is flowing in Above Normal Flood Situation at Eturunagaram in Jayashankar Bhupalapally Dist., Bhadrachalam in Bhadradri Kothagudem Dist in Telangana, Kunavaram and Dowlaiswaram in East

Godavari Dist of Andhra Pradesh.

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

Due to ongoing extremely heavy rainfall for the past 12 days, 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 Extreme 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. Manual Gauge observations at these stations have been suspended as the river has submerged all the gauges and the revenue authorities are not allowing people to enter river front in view of very high flow in the river.

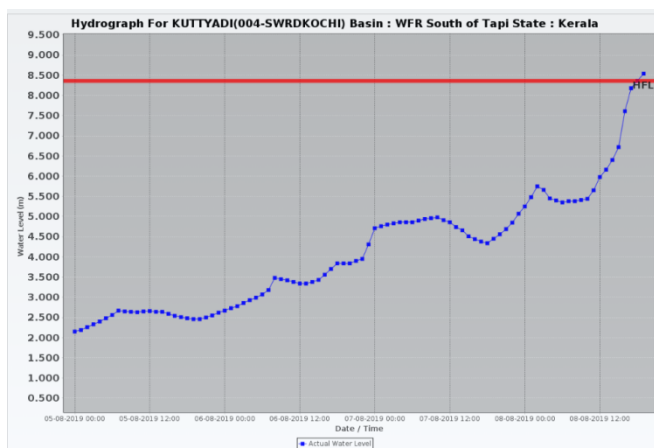
Since very heavy to extreme rainfall has been forecasted to continue for another 2 days, Highest Level precautions have to be taken and advance release of water may have to be resorted to in order to avoid panic discharges after dam attaining FRL. Necessary warnings to downstream reaches have to be done 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 to extremely 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. River Ghataprabha at Gokak is in Extreme Flood Situation for the past 3 days and is still rising. River Dudhganga at Sadalga in Belagavi District is also flowing in Extreme Flood Situation and is still rising. 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.

2.2.5 West Flowing river between Tadri and Kanyakumari in Karnataka and Kerala

Due to extremely heavy rain in Dakshina Kannada, Udipi and Uttara Kannada District, most of the rivers in this basin is rising. Strict watch is to be maintained as the rainfall is likely to continue for another 48 hours. 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.

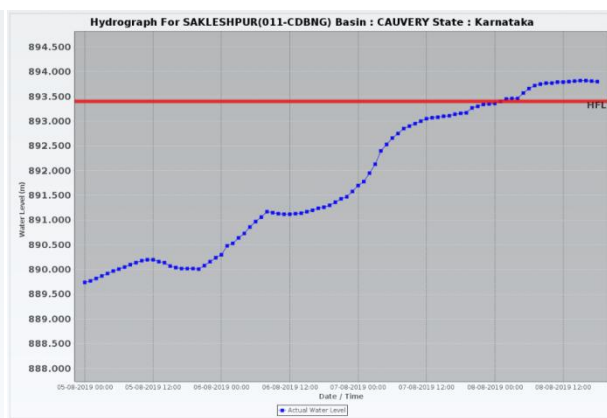
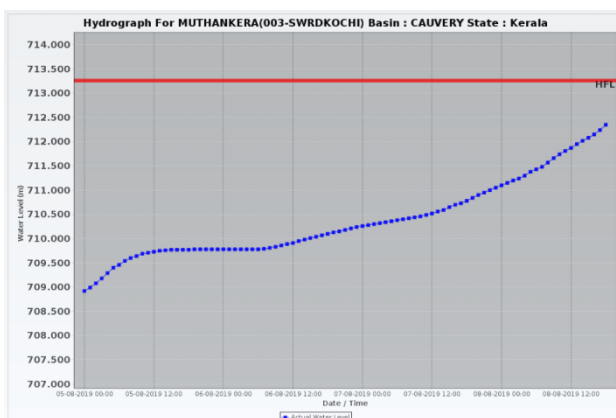
Similarly, extremely heavy rains have been witnessed in North Kerala in the districts of Kasargod, Kannur Kozhikode, Palakkad, Trichur, Ernakulam, Idukki, Kottayam and Pattanamthitta districts. Due to this continuing rainfall there is possibility of above normal to severe floods in the above districts. River Kuttaydi at Kuttayadi in Kozhikod District is flowing in Extreme Flood Situation and has crossed the HFL created last year. Hydrograph is appended.



Idukki Dam on river Periyar in Idukki District and Idamalayar Dam on river Idamalayar in Ernakulam districts are getting inflows. Since the dam levels at these reservoirs are very less, no immediate threat of flood due to dam releases will be seen. However, the situation has to be watched very closely by the project authorities.

2.2.6 Cauvery Basin in Karnataka & Tamilnadu

Due to the ongoing extremely heavy rainfall in the districts of Kodagu, Hassan, Chikmagalur in Karnataka and Wynad District in Kerala, rivers Cauvery, Harangi, Hemavathi and Kabini are rising rapidly. River Hemavathi at Sakleshpur in Hassan district is flowing in Extreme Flood Situation. River Cauvery is flowing in Severe Flood Situation at Kudige in Kodagu District and is rising in Chunchunkatte in Mysuru District. Kabini Dam on river Kabini in Mysuru District is very near FRL and is likely to get inflows much above its full capacity, hence releases should be increased to accommodate the incoming floods during the next 2-3 days. Coimbatore and Nilgiris District of Tamilnadu are getting extremely heavy rains with Avalanche in Bhavani sub basin recording a rainfall of 82 cm in 24 hours ending 0830 today, river Bhavani is rising rapidly along its course in Tamilnadu and Kerala which will increase the flow into Bhavanisagar Dam in Erode District of Tamilnadu. In view of continuing rain in Ghat areas of Tamilnadu, there is likelihood of rise in water levels in many of the hill rivers which may inundate small causeways in the roads or which necessary advisories for road users have to be given.



2.2.7 Narmada & Tapi Basin in Maharashtra, Madhya Pradesh and Gujarat

Due to expected extremely heavy rainfall in Madhya Pradesh, Vidarbha, Gujarat, there is likelihood of rise in Water Levels on river Narmada, Tapi during the next 2-3 days, River Narmada at Mandla is flowing in Above Normal Flood Situation and is likely to rise further. River Tapi is also expected to rise upstream of Hatnur Dam which will increase the inflows into Hatnur Dam. Necessary precaution for proper regulation have to be taken to avoid downstream flooding.

2.2.8 Assam

Rivers Buridihing, 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.

2.2.9 Bihar

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 2-3 days 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, Chikmagalur, Hassan, Kodagu Mysuru, and Shivamogga.

Flood Alerted Districts include:

Maharashtra:	Districts in the basins of Wainganga, Wardha, Pranhita, Penganga
Gujarat:	Surat, Vapi, Tapi, Dangs, Narmada
Dadra Nagar Haveli:	Silvassa
Daman & Diu:	Daman
Chhattisgarh:	Districts in the basins of Mahanadi, Indravathi, Sabari
Karnataka:	Ballari, Koppal
Kerala:	Kasargod, Kannur, Kozhikode, Wynad, Idukki, Ernakulam, Thrissur
Tamilnadu:	Coimbatore, Nilgiris, Erode, Dharmapuri, Krishnagiri.
Madhya Pradesh:	Districts in the basins of Narmada, Tapi, Mahi, Chambal.
Gujarat:	Districts in Damanganga, Narmada, Tapi, Mahi and Sabarmati
Rajasthan:	Districts in Mahi, Luni, Sabarmati, Chambal.





Flood Affected and Alerted areas in the Country

