

## Special Flood Advisories for Karnataka Kerala and Tamilnadu

08-08-2019

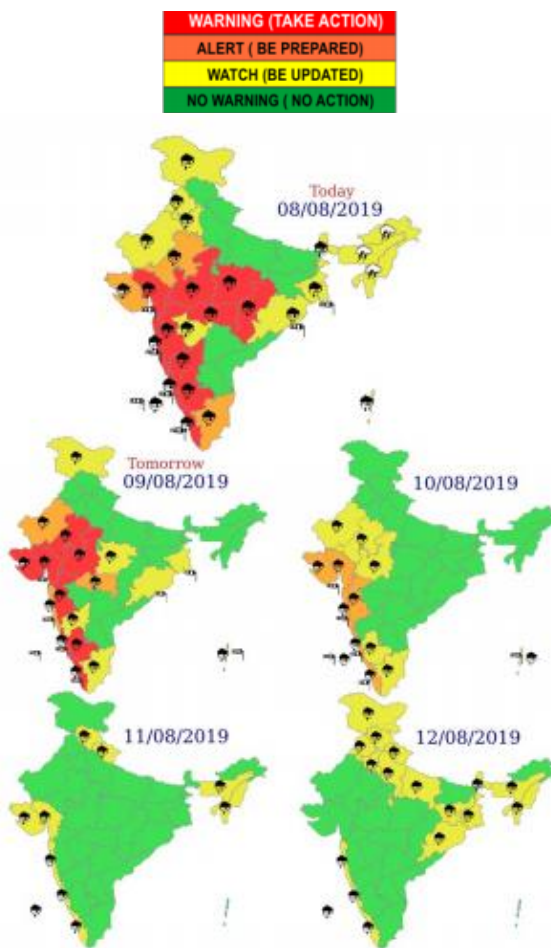
### 1.0 IMD information

### 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
Londa (Karnataka),	27 each
Kalasa & Sringeri (Karnataka), Manantoddy (Kerala)	26 each
Gudalur Bazar (TN), Vytiri (Kerala)	24 each
Chinnakalar (TN), Napoklu (Karnataka)	23 each
Hosanagar (Karnataka)	22
Devala (TN), Yellapur (Karnataka)	21 each
Valparai (TN)	20
Madikeri & Virajpet (Karnataka), Peermade (Kerala)	19 each
Periyar & Emerald (TN), Mudigere & Jayapura (Karnataka),	18 each
Naduvattam & Glenmorgan (TN), Belagavi (Karnataka)	15 each

## 1.1.2 Rainfall forecast for next 5 days issued on 8<sup>th</sup> August, 2019 (Midday) by IMD



## 2.0 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, Kerala, Coastal and South Interior Karnataka on 9<sup>th</sup> to 10<sup>th</sup> August. Heavy to Very Heavy rain has also been forecasted in Tamilnadu on 9<sup>th</sup> August 2019.

#### 2.2.4 Krishna Basin in States of Karnataka

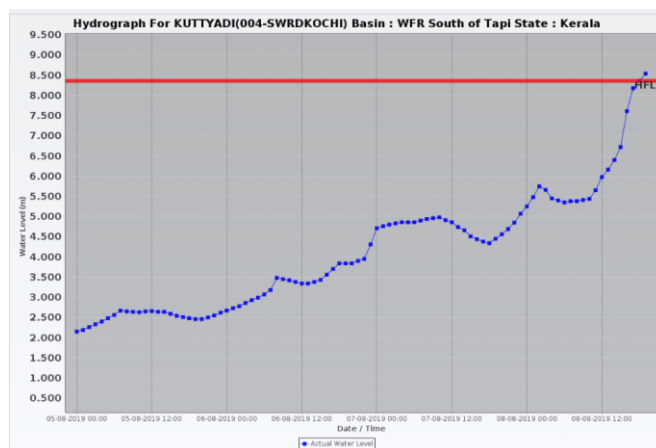
Due to ongoing extremely heavy rainfall for the past 12 days, river Krishna is rising all along its course in Maharashtra from its source regions. Since very heavy to extreme rainfall has been forecasted to continue for another 2 days, Highest Level precautions have to be taken and advance release of 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.

Due to 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

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

Due to extremely heavy rain in Dakshina Kannada, Udupi 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.

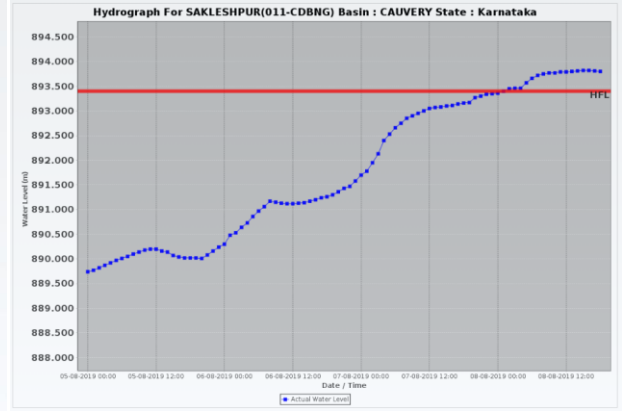
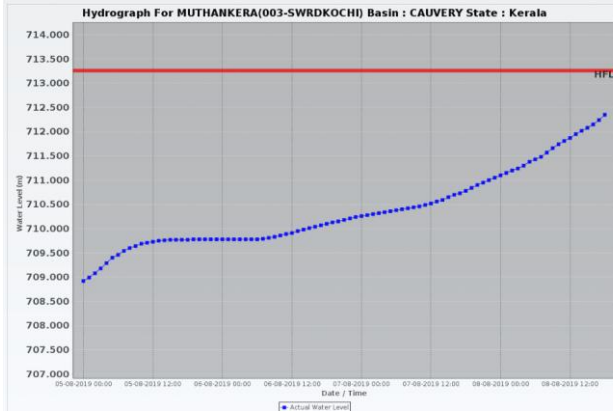
Similarly, extremely heavy rains have been witnessed in North Kerala in the districts of Kasargod, Kannur Kozhikode, Palakkad, Trichur, Ernakulam, Idukki, Kottayam and Pattanamthitta districts. Due to this continuing rainfall there is possibility of above normal to severe floods in the above districts. 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.



**Flood Affected Districts include:**

**Karnataka:** Belagavi, Vijayapura, Bagalkote, Kalaburagi, Yadgir, Raichur, Dakshina Kannada, Udupi, Uttara Kannada, Chikmagalur, Hassan, Kodagu Mysuru, and Shivamogga.

**Flood Alerted Districts include:**

**Karnataka:** Ballari, Koppal  
**Kerala:** Kasargod, Kannur, Kozhikode, Wynad, Idukki, Ernakulam, Thrissur  
**Tamilnadu:** Coimbatore, Nilgiris, Erode, Dharmapuri, Krishnagiri.

**Flood Affected and Alerted areas in Karnataka, Kerala, Tamilnadu**

