



## Daily Flood Situation Report cum Advisories

29-07-2019

### 1.0 IMD information

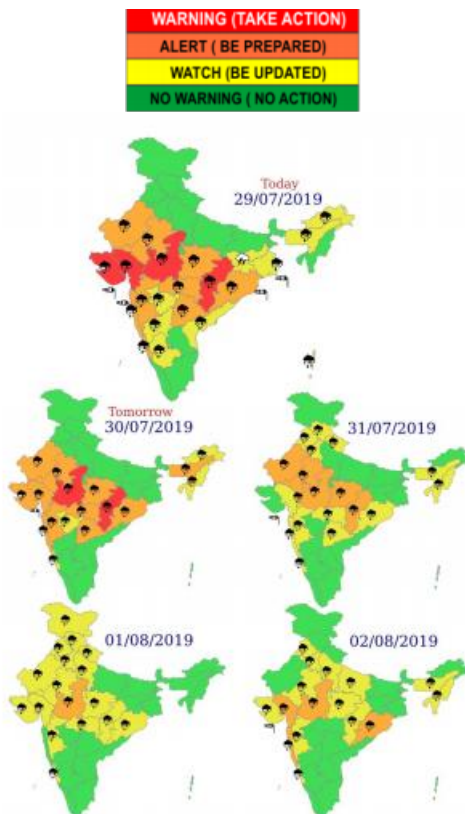
### 1.1 Rainfall Situation

#### 1.1.1 Amount of rainfall recorded at 0830 hours IST of today (8 cm or more) as per IMD

Name of Place (State)	Rainfall (in cm)
Upper Indravati Dam (Odisha), Nashik (Maharashtra)	27 each
Jagdarpur (Chattisgarh)	26
Mahabaleshwar (Maharashtra)	24
Wav (Gujarat), Vaibhavwadi, Igatpuri & Ambone (Maharashtra)	23 each
Manki (Karnataka)	19
Sankara (Chattisgarh)	18
Tharad (Gujarat), Nowrangpur (Odisha), Saradhapat (Odisha)	17 each
Puri (Odisha)	16
Vaitarna (Maharashtra)	15
Castle Rock (Karnataka), Koyna Dam (Maharashtra), Kosagumuda (Odisha)	14 each
Koraput & Balimela Dam (Odisha), Gerosoppa (Karnataka), Sukma (Chattisgarh), Sangameshwar Devrukh (Maharashtra)	13 each
Chiplun (Maharashtra)	12
Jodhpur (Rajasthan), Kurupam (Andhra Pradesh), Salebhata (Odisha), Dapoli (Maharashtra)	11 each
Agumbe (Karnataka), Khandwa (MP), Mau Tehsil (UP), Deodar, Umerpada & Subir (Gujarat), Nimapara (Odisha), Trimbakshwar (Maharashtra), Mangaon, Mahad & Dapoli (Maharashtra)	10 each
Roing (Arunachal Pradesh), Tezpur (Assam), Khajuraho (MP), Jiyyamma Valasa (Andhra Pradesh), Kollur, Kadra & Linganamakki (Karnataka), Barood (UP), Santegulli (Karnataka), Ashti (Maharashtra), Upper Kolab Dam (Odisha), Poladpur (Maharashtra)	9 each
Tuting (Arunachal Pradesh), Kaprada & Dangs (Gujarat), Thal (UP), Perur (Telangana), Mondangad (Maharashtra)	8 each



## 1.1.2 Rainfall forecast for next 5 days issued on 29<sup>th</sup> July, 2019 (Midday) by IMD



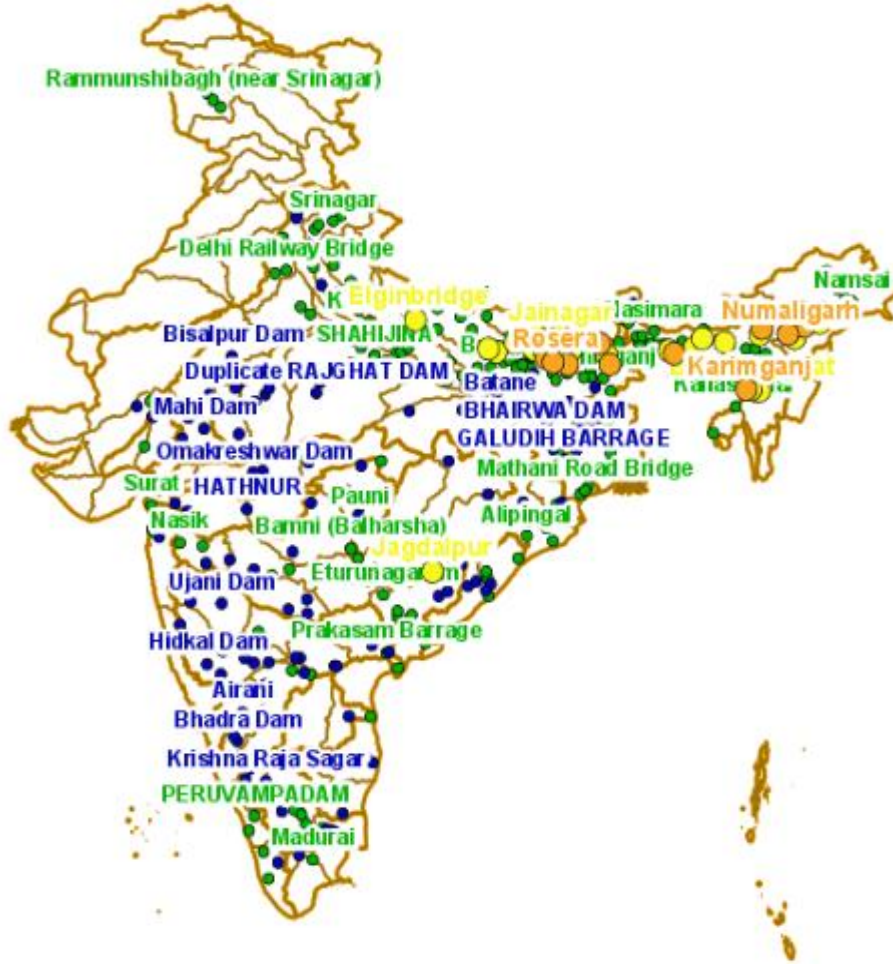
## 2.0 CWC inferences

### 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
<b>A</b>	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	<b>0</b>
<b>B</b>	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	<b>15</b>
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	<b>18</b>
<b>D</b>	Normal Flood Situation with Forecast: (Site (s) where water level is below Warning Level but Forecast Issued)	<b>5</b>
Total number of sites above Warning Level ( A+B+C)		<b>38</b>
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)		<b>8</b>

For detail bulletins refer to <http://cwc.gov.in/sites/default/files/cfcr-cwcdfb-29072019.pdf>

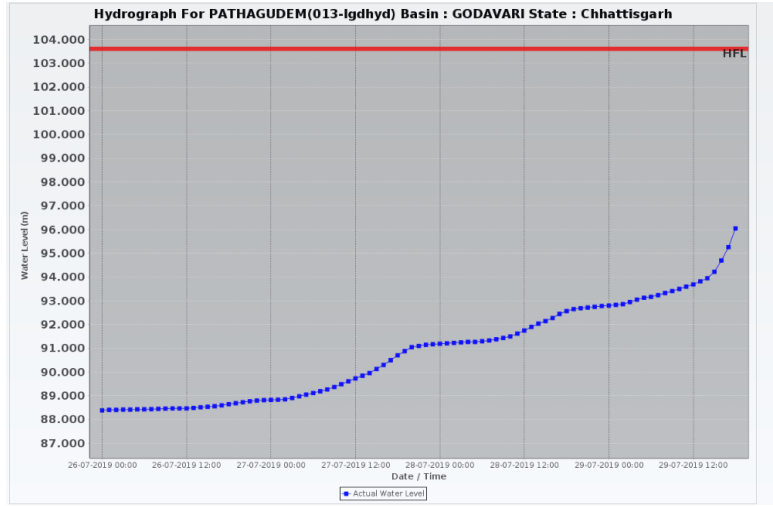
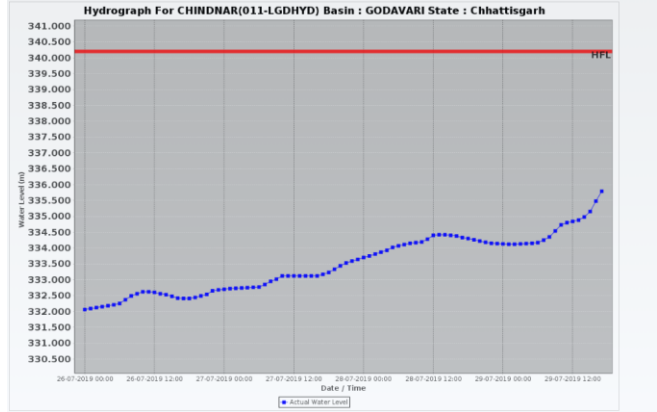
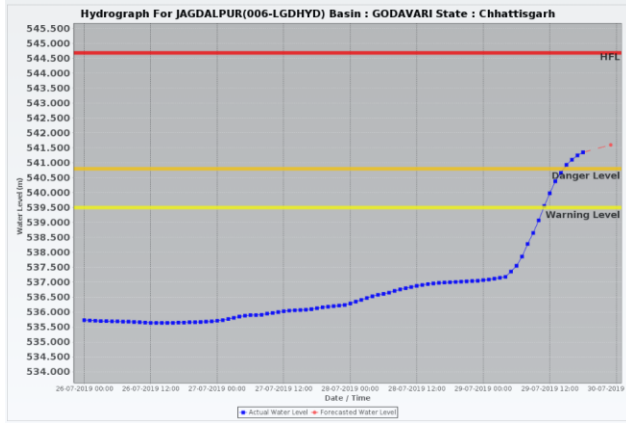


## 2.2 Flood Situation as per actual/ forecasted rainfall situation

IMD has forecasted heavy to very Heavy rain at few places with isolated Extremely Heavy rainfall in Chhattisgarh, West Madhya Pradesh, Gujarat between 30<sup>th</sup> July and 31<sup>st</sup> July. Heavy to Very Heavy rainfall has been forecasted for Odisha, Vidarbha, Madhya Pradesh, Konkan & Goa, Telangana during the same period.

### 2.2.1 Chhattisgarh & Odisha

River Indravathi at Jagdalpur in Bastar District is now flowing in Severe Flood Situation with rising trend. With forecast of more rain in South Chhattisgarh for next 48 hours, the situation is likely to continue for another 48 hours. Besides, the districts of Nowrangpur in Odisha, Narayanpur, Kondagaon, Bijapur and Dantewada in Chhattisgarh in Indravathi basin, Koraput, Malkangiri districts of Odisha, Sukma and Konta Districts in Chhattisgarh are also likely to be affected by floods due to ongoing rainfall activity. Hydrograph of river Indravathi at Jagdalpur in Bastar Dist, Chindnar in Dantewada Dist and Pathagudem in Bijapur District is shown below:



### 2.2.1. a Telangana & Andhra Pradesh

Due to rapid rise of water levels of Indravathi at Pathagudem, river Godavari is likely to rise all along its course from Confluence point in Jayashankar Bhupalapally District and upto Bhadrachalam in Bhadradi Kothagudem District. As the rainfall is expected to continue for another two days in Chhattisgarh, Vidarbha and Telangana, there is likely hood of Above Normal to Severe Flooding in downstream reaches in the districts of Jayashankar Bhupalapally, Bhadradi Kothagudem and East Godavari Districts. River Sabari is also likely to flood in Chinturu and Kunavaram and also East Godavari District. Necessary precautions for warning level to danger level flood may be taken in all these districts.

### 2.2.2 Maharashtra & Goa

Due to ongoing extremely heavy rainfall in North Konkan and Madhya Maharashtra, many of the rivers in Thane, Raigad, Pune, Nasik, Ratnagiri, Palghar districts are expected to be in floods. In Addition to the 24cm rainfall recorded at Mahabaleshwar in the source region of rivers Krishna, Kyna, Savithri, another 9 cm has added during the period 0830 to 1730 hours on 29<sup>th</sup> July 2019. Due to this, River Krishna at Karad in Satara District Dist, River Krishna at Kurundwad in Sangli Dist., River Panchganga at Terwad in Satara Dist, River Warna at Samdoli in Satara Dist are in floods. The situation is likely to continue for next 48 hours in association with Heavy to Very

Heavy rainfall forecasted in these basins.

Since very heavy rainfall warning is likely to continue in Konkan, Goa and Madhya Maharashtra for next 24 hours, strict watch has to be maintained on all rivers in Thane, Raigad, Palghar, Ratnagiri, Sindhudurg, Pune, Nasik, Satara, Sangli and Kolhapur District. Precautions have to be taken in small dams where there are chances of spilling due to this rainfall. Due to ongoing 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. There are also heavy inflows into many of the major dams such as Koyna, Warna, Vir dams in Pune and Satara Dist. However, they are all much below Full reservoir Level. 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.

### 2.2.2 a Karnataka, Telangana and Andhra Pradesh

Due to ongoing rains in Maharashtra and rise in water levels in Krishna and its tributaries, there is likelihood of increased inflows into Almatti Dam during the next 3-4 days. Narayanpur Dam is also very near to its FRL, necessary precautions for release of water may be taken to avoid upstream and downstream submergence. Releases from Narayanpur Dam is likely to reach P D Jurala Project in Gadwal District from today midnight onwards. Releases from P D Jurala will be inflows into Srisailem Dam. Since Srisailem is Dam having very low storage, this spell will increase the storage in this dam during the next 4-5 days.

### 2.2.3 Rajasthan & Madhya Pradesh

Due to ongoing and forecasted rainfall in East & West Rajasthan, Madhya Pradesh during the next 2-3 days, rivers Chambal and its tributaries Mahi, Sabarmati, Banas (West Flowing), Banas (Ganga Basin) as well as small rivers in West Rajasthan are likely to rise. There is already report of flash flooding in some districts of Rajasthan viz. Churu, Sikar, Jhunjhunu etc. Since the dams in these basins are presently having less than 40% of their capacity, these rains may help in filling up the reservoirs. However, some of the small dams in the East & West Rajasthan, Madhya Pradesh may get filled up very quickly and may start overflowing due to continuous nature of rainfall. Necessary precautions have to be taken for regulation of water through such small dams and tanks so that flooding in the downstream areas can be avoided. However, necessary warnings have to be given to all downstream areas regarding release of water well in advance.

### 2.2.4 Gujarat

There is forecast of extremely heavy rainfall between 28<sup>th</sup> and 30<sup>th</sup> July. Since most of the rivers are having very low flows, there is likelihood of sudden rise in water levels. Precautions may have to be exercised for those activities which are going on dry river beds as sudden rise in water levels may affect these works. There is likelihood of rise in reservoir levels in Gujarat as well as in Kutch areas. Since most of the dams have less storage, there will be increase in storage associated with this rainfall as per forecast.

### 2.2.5 Assam

Rivers Beki, Puthimari, Jia-Bharali and Brahmaputra are flowing in Severe Flood Situation in the districts of Barpeta, Kamrup, Sonitpur, Jorhat and Dhubri. **These are likely to continue in Severe to Above Normal Flood for the next 2-3 days.**

### 2.2.6 Bihar

Rivers Gandak, Burhi Gandak, Bagmati, Adhwara Group, KamlaBalan, 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 expected to be reducing significantly.



**Flood Affected Districts include:**

<b>Bihar:</b>	North Bihar Districts
<b>Assam:</b>	Jorhat, Golaghat, Sonitpur, Kamrup, Barpeta, Goalpara, Dhubri, Cachar, Hailakhandi, Karimgunj
<b>Uttar Pradesh:</b>	Barabanki, Balrampur and Kushinagar
<b>Maharashtra:</b>	Ratnagiri, Sindhudurg, Thane, Raigad, Palghar Pune, Satara, Sangli, Kolhapur and Nasik Districts
<b>Chhattisgarh:</b>	Bastar, Dantewada, Bijapur, Sukma, Konta
<b>Odisha:</b>	Nowrangpur, Koraput, Malkangiri.
<b>Karnataka:</b>	Belagavi, Vijayapura, Bagalkote, Kalaburagi Districts

**Flood Alerted for next 3 days:**

<b>Rajasthan:</b>	Districts in Eastern Rajasthan in the basins of Chambal, Mahi, Sabarmati
<b>Madhya Pradesh:</b>	Districts in Eastern Rajasthan in the basins of Chambal, Mahi
<b>Gujarat:</b>	Districts in basins of Mahi, Banas (West Flowing), Sabarmati
<b>Karnataka:</b>	Raichur District on river Krishna and its tributaries.



