



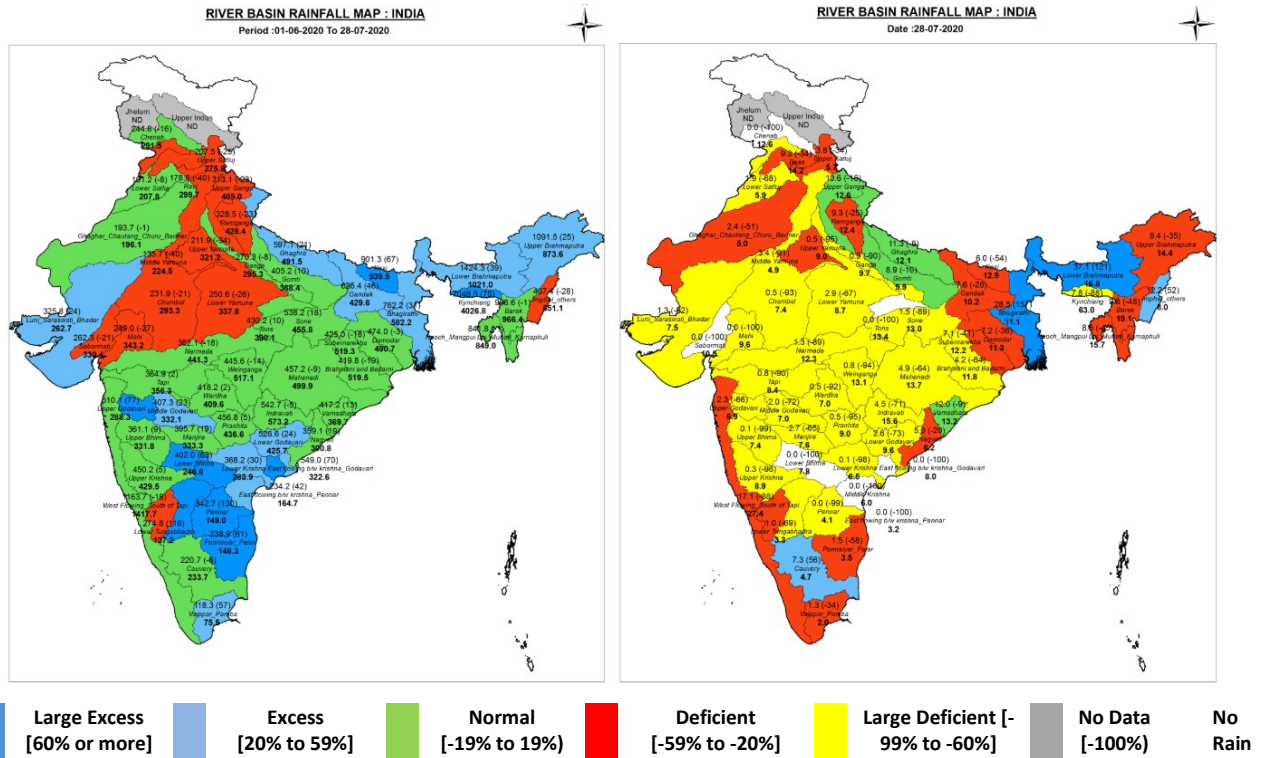
# Central Water Commission

## Daily Flood Situation Report cum Advisories

### 28-07-2020

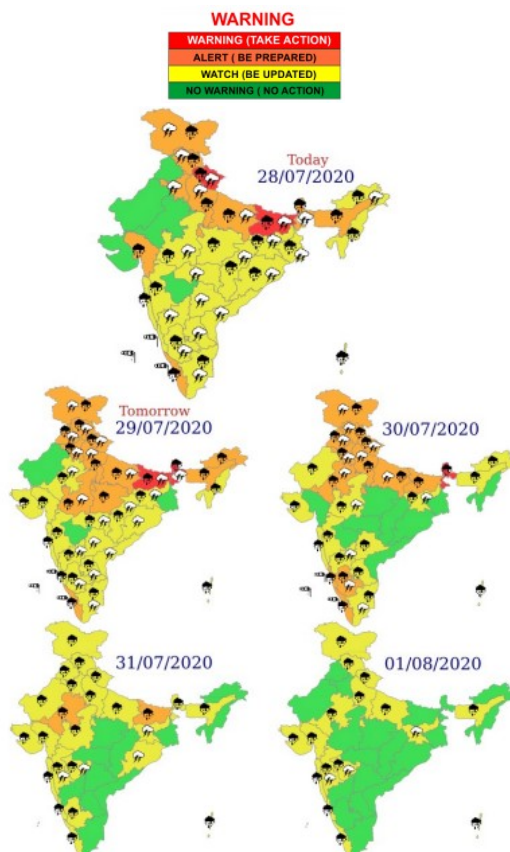
#### 1.0 IMD information

#### 1.1 Basin wise departure from normal of cumulative and daily rainfall



Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)  
b) Percentage departures of rainfall are shown in brackets.

#### 1.2 Rainfall forecast for next 5 days issued on 28<sup>th</sup> July 2020 (Midday) by IMD



## 2.0 CWC inferences

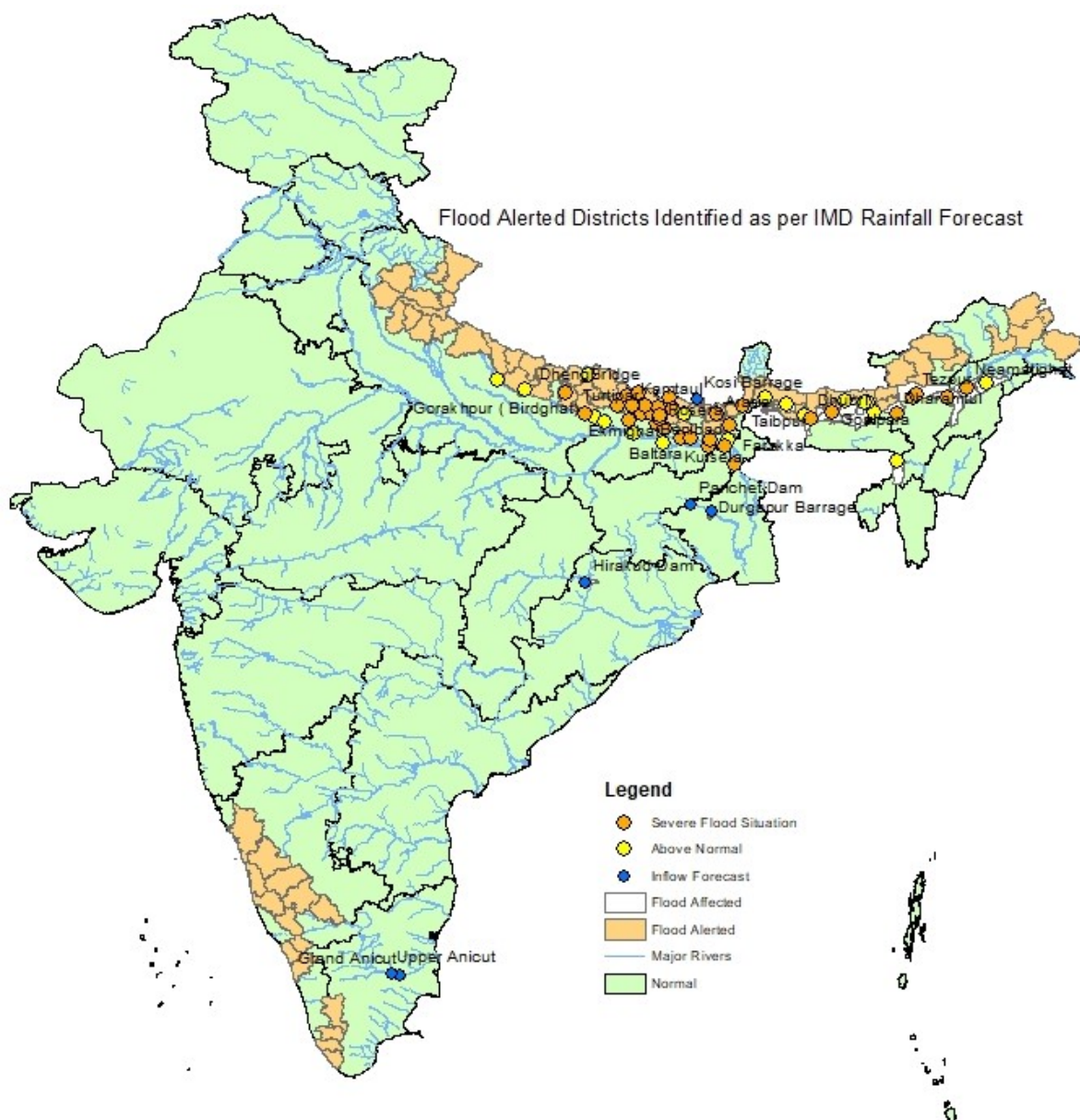
### 2.1 Flood Situation on 28<sup>th</sup> July 2020

On 28<sup>th</sup> July 2020, 33 Stations (22 in Bihar, 7 in Assam, 2 in Uttar Pradesh and 1 each in Jharkhand & West Bengal) are flowing in Severe Flood Situation and 18 stations (7 in Assam, 6 in Bihar and 3 in Uttar Pradesh and 2 in West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 8 Barrages and Dams (2 in Tamilnadu, 2 in Bihar, 1 each in Telangana, West Bengal, Jharkhand and Odisha).

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)	0
<b>B</b>	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	33
<b>C</b>	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	18
Total number of sites above Warning Level ( A+B+C)		51
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)		8

Details can be seen in link: [http://cwc.gov.in/sites/default/files/cfcr-cwcdfb28072020\\_5.pdf](http://cwc.gov.in/sites/default/files/cfcr-cwcdfb28072020_5.pdf)

#### 2.1.1 Summary of Flood Situation as per CWC Flood Forecasting Network



## 2.2 CWC Advisories

- The Monsoon trough lies close to the foothills of Himalayas. It is very likely to shift southwards from 29<sup>th</sup> July onwards. Hence, monsoon rainfall activity very likely to remain subdued over plains of Northwest and Central India during next 2 days. Its intensity & distribution very likely to increase thereafter. Convergence of strong southerly/southwesterly from Arabian Sea over northwest India is also very likely on 29<sup>th</sup> & 30<sup>th</sup> July, 2020.
- Under above scenario, fairly widespread to widespread rainfall with isolated heavy to very heavy falls over Uttarakhand, Uttar Pradesh, Bihar, Sub-Himalayan West Bengal & Sikkim and northeastern states (mainly over Arunachal Pradesh and Assam & Meghalaya) during 28<sup>th</sup> - 30<sup>th</sup> July; over Punjab, Haryana & Chandigarh, Himachal Pradesh and Madhya Pradesh during 29<sup>th</sup> - 31<sup>st</sup> July; over Coastal Karnataka, Tamil Nadu and Kerala during 28<sup>th</sup> to 30<sup>th</sup> July.

Based on the above rainfall forecast the following advisories are issued by CWC for various States:

### 2.2.1 North Eastern States, Sub-Himalayan West Bengal & Sikkim

Widespread rainfall with isolated heavy to very heavy rainfall is likely to occur over North Eastern states, Sub-Himalayan West Bengal & Sikkim during 28<sup>th</sup> - 30<sup>th</sup> July. Due to this, the river levels are likely to rise in many of the rivers. There is likelihood of flash floods in Hilly regions of Arunachal Pradesh, Meghalaya & Sikkim. This combined with the existing riverine flood will further aggravate the flood situation. Maximum vigil has to be maintained along the banks of all rivers in these Districts.

#### Assam

##### Brahmaputra

River Brahmaputra is flowing in Above Normal to Severe Flood Situation with falling trend all along the course from Dibrugarh to Dhubri. As heavy to very heavy rainfall is forecasted from 28<sup>th</sup> - 30<sup>th</sup> July, the levels are expected to rise further.

##### Tributaries of Brahmaputra

Rivers Jia-Bharali in Sonitpur District, Kopili in Morigaon District and Dhansiri (South) in Golaghat District in Brahmaputra Basin are flowing in Severe Flood Situation. The levels are expected to rise further from 28<sup>th</sup> July.

### 2.2.2 Bihar, Jharkhand and Gangetic West Bengal

Isolated extremely heavy rainfall is likely to occur over Bihar today, the 28<sup>th</sup> July, 2020 in the Districts of Sitamarhi, Madhubani, Supaul, Araria and Kishanganj and over Sub-Himalayan West Bengal & Sikkim during 28<sup>th</sup> - 30<sup>th</sup> July accordingly, the river levels in these areas are expected to rise during this period.

River Parman in Araria District, Mahananda in Kishanganj & Purnia District, River Kosi in Khagaria & Katihar Districts, River Adhwara in Darbhanga District, River Bagmati in Darbhanga, Sitamarhi and Muzaffarpur Districts, Rivers Kamla & Kamalabalan in Madhubani District, River Burhi Gandak in Purbi Champaran, Muzaffarpur & Samastipur Districts, River Ganga in Bhagalpur District and River Gandak in Gopalganj & Muzaffarpur Districts are flowing in Severe Flood Situation. Above rivers are flowing in Above Normal flood situation in many of the downstream location. However, due to forecasted rainfall, the river level is likely to rise slowly in Bihar during 29<sup>th</sup> and 30<sup>th</sup> July 2020.

### 2.2.3 Uttar Pradesh & Uttarakhand

River Ghaghra in Ballia District and River Rapti in Gorakhpur District are flowing in Severe Flood Situation.

Due to forecasted rainfall, river level is expected to rise in the northern tributaries of river Ganga in Uttarakhand and Uttar Pradesh from 28<sup>th</sup> to 30<sup>th</sup> July. There is likelihood of flash floods in Hilly regions of Uttarakhand.

### 2.2.4 Kerala and Karnataka

Heavy to very heavy rainfall is likely to occur in the districts of Thiruvananthapuram, Kollam, Pathanamthitta, Idukki, Malappuram, Kozhikode and Wayanad in Kerala from 29<sup>th</sup> to 30<sup>th</sup> July and accordingly, the river levels in these areas are expected to slowly rise during this period and inflows to dams are likely to increase. Some increase in inflows is likely in many of the reservoirs. However, most of the reservoirs in Kerala are having storage around 30 to 60% of their full capacity, the present spell of rainfall will aid in increasing the storage of various dams and no spillage is expected.

Due to forecasted heavy to very heavy rain in Coastal Districts and in Western Ghat areas of Karnataka for next 2 days, there is likely rise in levels of Rivers in Shivamogga, Chikmagalur, Hassan & Kodagu Districts and close watch is to be maintained.

#### Impact Based Actions

Strict vigil is to be maintained in all the above States & Districts for next 2-3 days. Breaches in Embankment if any may aggravate further flood like situation which should be monitored and all efforts to fill any such breaches should be done at the earliest. Maximum vigil has to be maintained along the rail and road tracks and bridges on these rivers and regulate

traffic suitably to avoid any incident. All district administrations can take effective measures taking into account the prevailing Covid19 situation in relief camps being set up in these districts.

### **3. Flood Affected Districts**

**Assam:** Jorhat, Golaghat, Sonitpur, Morigaon, Dhubri, Goalpara, Dhubri  
**Bihar:** Araria, Purnia, Katihar, Madhubani, Darbhanga, Muzaffarpur, Purba Champaran, Khagaria, Sitamarhi, Gopalganj, Kishanganj, Samastipur, Bhagalpur  
**Uttar Pradesh:** Gorakhpur, Ballia

### **4. Flood Alerted Districts**

**Arunachal Pradesh:** Districts along river reaches of Siang, Lohit, Kameng, Manas  
**Assam:** Districts along river reaches of Brahmaputra, Manas, Beki, Gaurang, Aie, Sankosh  
**West Bengal:** Districts along river reaches of Teesta, Torsa, Raidak, Jaldhaka  
**Sikkim:** Districts along river reaches of Teesta  
**Bihar:** Districts along North Bank Tributaries of river Ganga  
**Uttar Pradesh:** Districts along North Bank Tributaries of River Ganga  
**Uttarakhand:** Districts along rivers Alaknanda, Bhagirathi, Ramganga, Sharda, Sarju.  
**Karnataka:** Districts along West Flowing Rivers in Uttara Kannada, Dakshina Kannada, Udupi and Shivamogga.