



Central Water Commission  
Daily Flood Situation Report cum Advisories  
03-07-2020

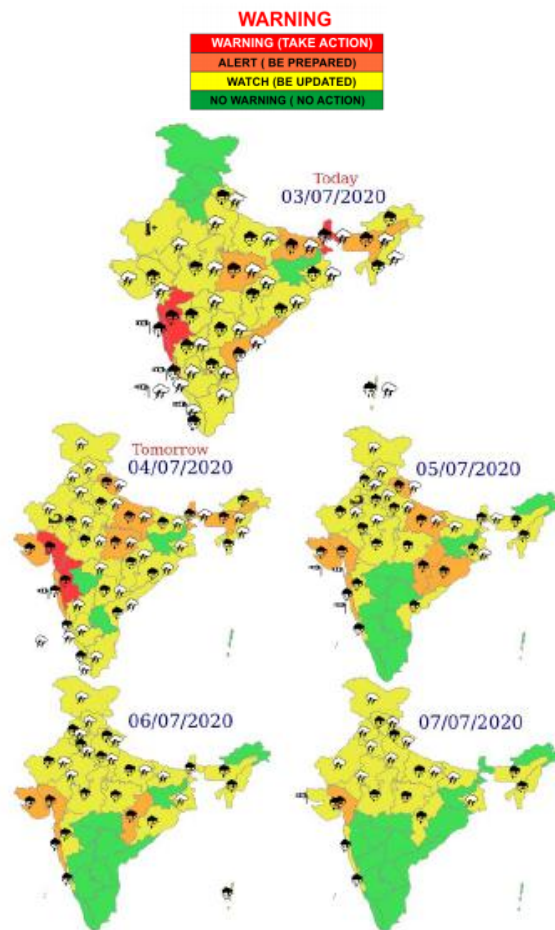
1.0 IMD information

1.1 Basin wise departure from normal rainfall on 03<sup>rd</sup> July 2020



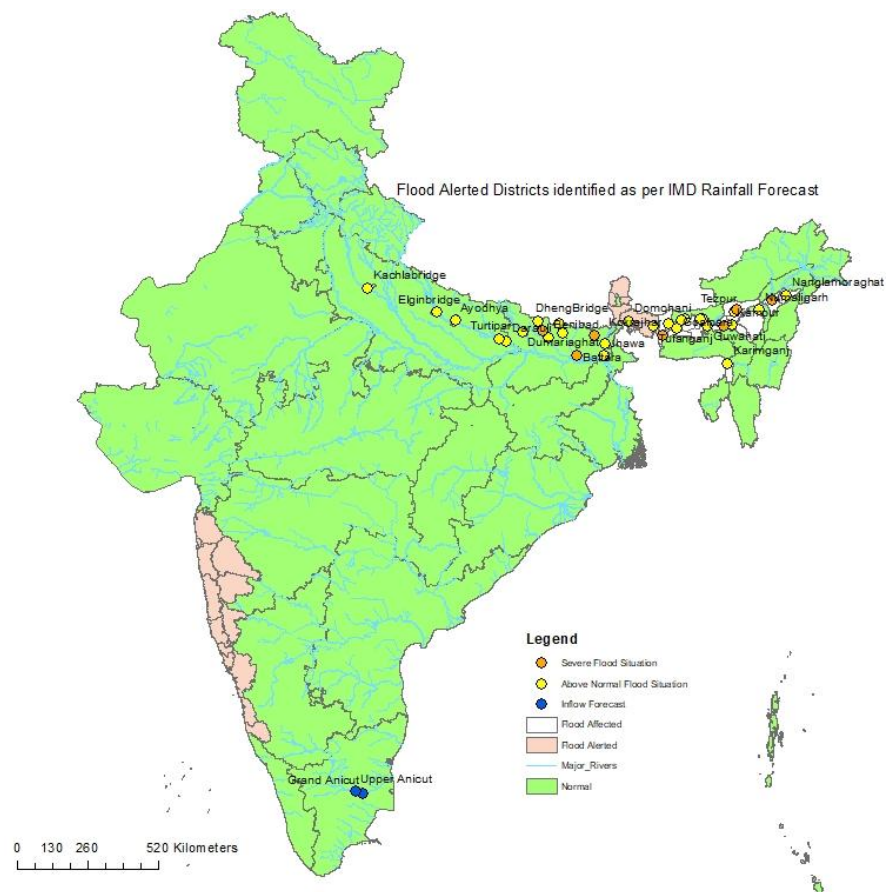
Notes: a) Small figures indicate actual rainfall (mm), while bold figures indicate Normal rainfall (mm)  
b) Percentage departures of rainfall are shown in brackets.

## 1.2



## 2.0 CWC inferences

## 2.1 Flood Situation on 3<sup>rd</sup> July 2020



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

On 3<sup>rd</sup> July 2020, 7 stations (4 in Assam and 3 in Bihar) are flowing in Severe Flood Situation and 26 stations (12 in Assam, 8 in Bihar, 4 in Uttar Pradesh and 2 in West Bengal) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 2 Barrages in Tamilnadu.

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>7</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>26</b>
Total number of sites above Warning Level ( A+B+C)		<b>33</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>2</b>

Details can be seen in link : [http://cwc.gov.in/sites/default/files/dfb202003072020\\_5.pdf](http://cwc.gov.in/sites/default/files/dfb202003072020_5.pdf)

## 2.2 CWC Advisories

- Due to high convergence of strong moist westerly/southwesterly winds from the Arabian sea along west coast and cyclonic circulation over south Gujarat & neighbourhood in lower tropospheric levels, fairly widespread to widespread rainfall with isolated heavy to very heavy falls most likely to continue over Gujarat, Konkan & Goa, Madhya Maharashtra & Coastal Karnataka during next 5 days. Isolated extremely heavy falls is also very likely over Konkan & Goa and Madhya Maharashtra on 03<sup>rd</sup> & 04<sup>th</sup> July; Gujarat region on 04<sup>th</sup> & 05<sup>th</sup> July, 2020.
- A cyclonic circulation lies over East Uttar Pradesh & neighbourhood and a north-south trough runs from East Uttar Pradesh to East Vidarbha in lower tropospheric levels. It is most likely to cause fairly widespread to widespread rainfall/thundershower activity with isolated heavy to very heavy falls over central & adjoining east India during next 5 days.
- The monsoon trough at mean sea level runs near its normal position and is very likely become more marked after 48 hours. High convergence of strong moist westerly/southwesterly winds at lower tropospheric levels from the Arabian Sea also very likely over plains of northwest India from 04<sup>th</sup> July, 2020. As a result, fairly widespread to widespread rainfall with isolated heavy falls very likely over northwest India from 4<sup>th</sup> to 6<sup>th</sup> July, 2020.
- Intense thunderstorm & lightning potential zone: Moderate to intense thunderstorm & lightening very likely over Southeast Uttar Pradesh, north Punjab, Delhi, Himachal Pradesh, Bihar, East Rajasthan, Madhya Pradesh, Gujarat State, Chhattisgarh, Jharkhand, east Vidarbha and Odisha during next 12 hours.

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

Heavy to very Heavy rainfall has occurred over Sub- Himalayan West Bengal and Sikkim. Due to this, there is rise of Water level in Torsa, Raidak-I and Jaldhaka sub-basin. There is forecast of heavy to very heavy rain with isolated extremely heavy rainfall in Sub-Himalayan West Bengal, Sikkim on 4<sup>th</sup> July, there is likelihood of rise in Water Levels in Brahmaputra and its tributaries in Lower Assam as well as in Teesta and its tributaries in West Bengal and Sikkim. The Above Normal to Severe Flood situation is likely to continue in the States of Assam and Sub Himalayan West Bengal during the next 2-3 days.

### 2.2.2 Bihar

Due to significant reduction in rainfall, there is likelihood of slow fall in river levels in all the affected districts during the next 3-4 days.

### 2.2.3 Maharashtra & Goa

Heavy to Very Heavy rainfall has occurred in Sindhudurg and Ratnagiri Districts, this has led to rise in Water Levels of Coastal Rivers in these Districts. As the rainfall of higher intensity is likely to continue for at least 3-4 days, there is likelihood of rise in Coastal Rivers along the West Coast in Maharashtra & Goa in the Districts of South & North Goa, Sindhudurg, Ratnagiri, Palghar, Thane and Raigad Districts. Since most of the dams in the region have storage of the order of 30 to 50% of their Full capacity, the present rainfall may also aid in increase of storage. There is no likelihood of any spill from any reservoir in this spell of rain. There is likelihood of isolated Extremely heavy rains in the districts of Nasik, Pune, Satara in the Western Ghat Areas. Due to this there is likelihood of rapid rise in water levels in Damanganga and its tributaries in Nasik District of Maharashtra, Valsad District of Gujarat as well as in UT Dadra & Nagarhaveli and Daman. Further, there is likelihood of rise in Water Levels of Krishna & its tributaries in the Districts of Pune & Satara during the next 3-4 days. However as most of the dams in this region are having only 25-40% of their Full Capacity, no major threat of spilling is anticipated.

There is also a possibility of Urban Flooding like situation in some parts of Mumbai City and its suburban areas due to ongoing rainfall.

Since there is likelihood of sudden rise in water levels in association with very heavy rains, all precautions have to be taken in Road and Railway Bridges along the Konkan & Goa regions in the above mentioned districts.

### 2.2.4 Karnataka

Due to ongoing very heavy rainfall in the Districts of Dakshina Kannada, Udupi and Uttara Kannada in association with active monsoon conditions and likelihood of same intensity rainfall persisting for the next 2 days, there is likelihood of rise in water levels in rivers such as Netravathi, Aghanashini and Haladi in above Districts. However, most of the dams in this reach such as Linganamakki, Supa and Varahi are having only 11-25% of their full capacity, this rains may help in increasing the storage of these reservoirs.

Concerned Authorities in these States have to maintain strict vigil along all river banks mentioned above.

## 3. Flood Affected Districts

**Assam:** Jorhat, Golaghat, Sonitpur, Dhubri, Morigaon, Goalpara  
**Bihar:** Araria, Katihar, Sitamarhi, Khagaria

## 4. Flood Alerted Districts

**Maharashtra:** Coastal Rivers passing through districts of Sindhudurg, Ratnagiri, Palghar, Thane, Raigad.  
**Karnataka:** Coastal Rivers passing through districts of Dakshina Kannada, Udupi and Uttara Kannada