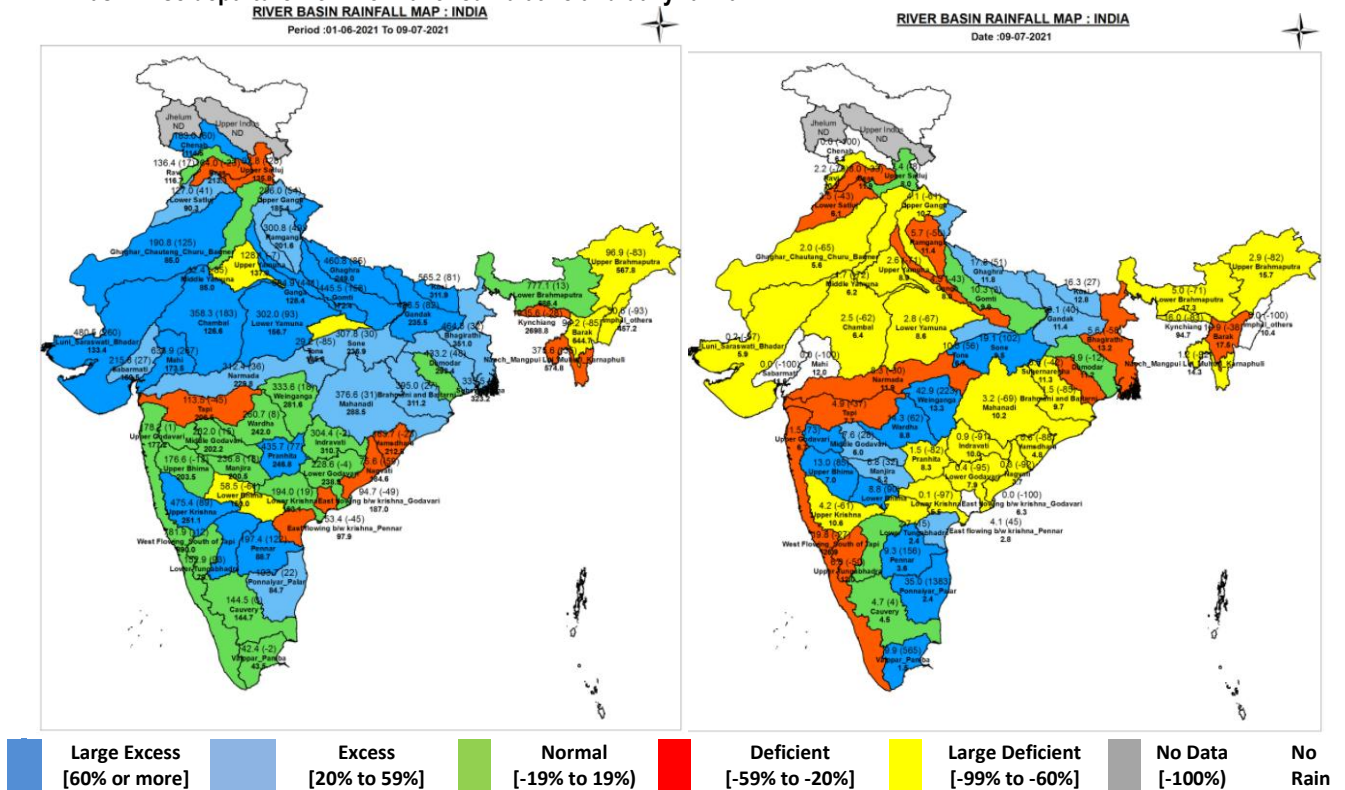




**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**09-07-2021**

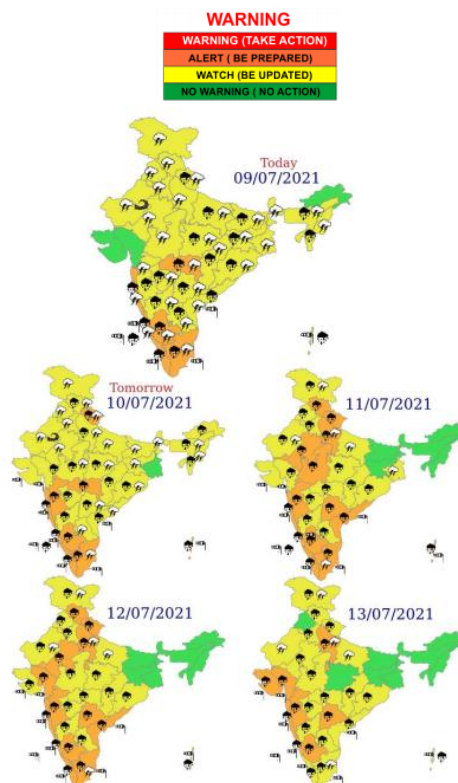
**1.0 Rainfall Situation**

**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 9<sup>th</sup> July, 2021 (Midday) by IMD**



- Isolated very heavy rainfall also very likely over Himachal Pradesh on 11th & 12th; Uttarakhand 10th-12th; west Uttar Pradesh 11th-13th July, 2021.
- Isolated very heavy rainfall also very likely over Vidarbha on 09th & 10th; West Madhya Pradesh on 11th July, 2021.

- Isolated heavy to very heavy falls very likely over Maharashtra & Goa, Coastal Andhra Pradesh and Telangana, Karnataka, Kerala & Maharashtra and Tamilnadu during 09th-13th July.
- Isolated extremely heavy falls also likely over ghat areas of Madhya Maharashtra on 12th-13th July; Konkan & Goa during 11th-13th; coastal and south interior Karnataka on 11th-12th and over north Kerala on 11th July, 2021.

## 2.0 Flood Situation and Advisories

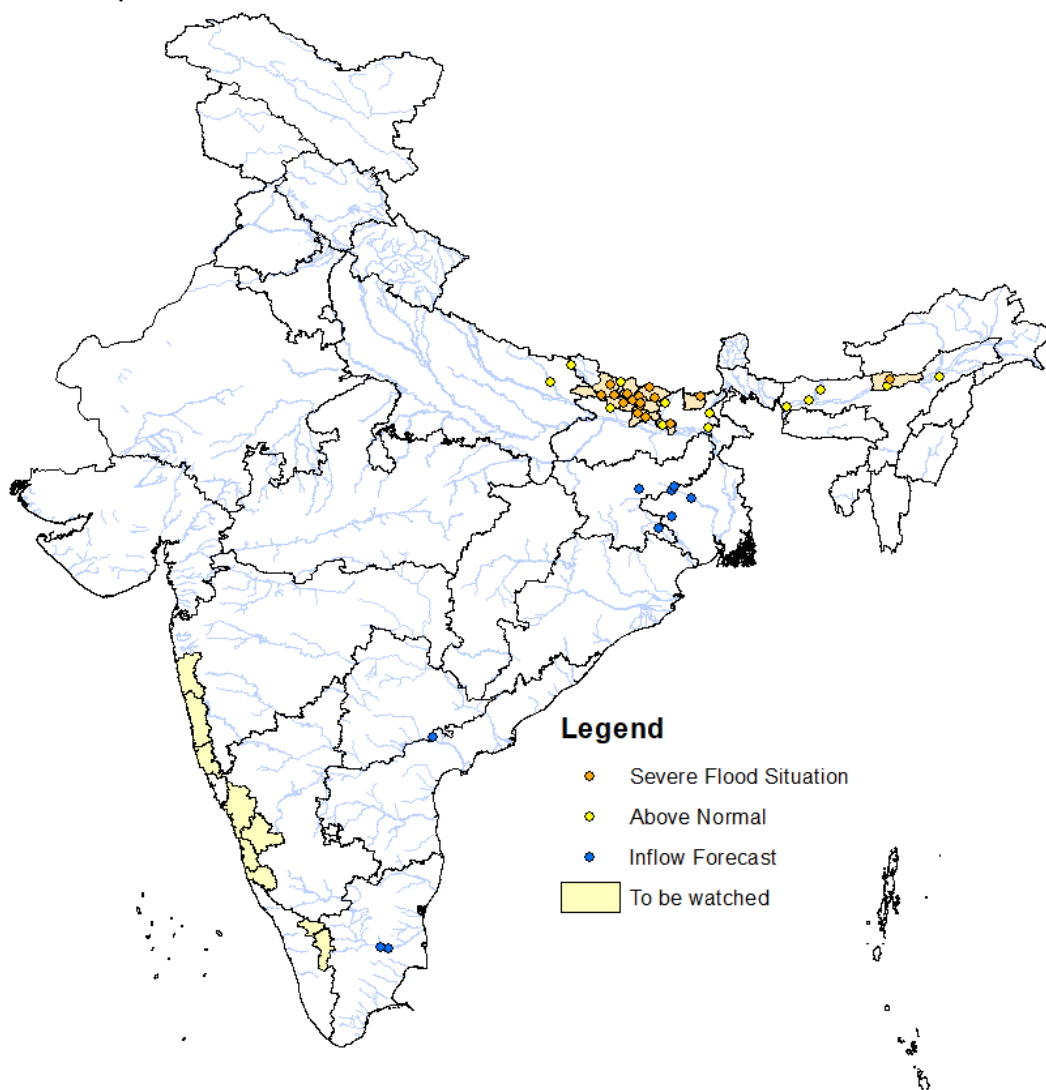
### 2.1 Summary of Flood Situation as per CWC Flood Forecasting Network

On 9<sup>th</sup> July, 2021, 16 Stations (15 in Bihar and 1 in Assam) are flowing in Severe Flood Situation and 13 stations (6 in Bihar, 5 in Assam and 2 in Uttar Pradesh) are flowing in Above Normal Flood Situation. Inflow Forecast has been issued for 9 Barrages & Dams (4 in Jharkhand, 2 each in Tamilnadu & West Bengal and 1 in Andhra Pradesh)

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>16</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>13</b>
Total number of sites above Warning Level (A+B+C)		<b>29</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>9</b>

Details are given at link: [http://www.cwc.gov.in/sites/default/files/dfbcwc09072021\\_5.pdf](http://www.cwc.gov.in/sites/default/files/dfbcwc09072021_5.pdf)

#### 2.1.1 Flood Situation Map



## 2.2 CWC Advisories

### 2.2.1 Ganga Basin – Bihar, Uttar Pradesh

In the last 24 hours rivers of Nepal such as Narayani, Koshi, Gandak, Bagmati, Kamla recorded moderate to heavy rains at many places. Hydrological situation in middle and lower parts of these rivers passing through Bihar and Uttar Pradesh is as detailed below. River **Gandak** is currently flowing in severe flood situation in district **Gopalganj** and in above normal flood situation at **Kushinagar (UP) & Muzaffarpur**. Since inflow into Gandak barrage is showing increasing trend it is advised to keep alert in downstream regions of **Paschim Champaran**. **Bagmati** river in districts **Muzaffarpur & Darbhanga** is flowing in severe flood situation and above normal flood situation at **Sitamarhi**. Rivers **Kamla** and **Adhwara** are in severe flood situations at **Madhubani** and **Dharbanga** districts. **Kosi** river is flowing in severe flood situation in district **Khagaria**, and in above normal flood situation in **Supaul**. River **Burhi Gandak** is having rising to steady trend at CWC flood forecasting sites. It is flowing in severe flood situations in districts **Purba Champaran, Samastipur and Muzaffarpur** and above normal flood situation in **Khagaria**. **Araria** on Parman River is also in severe flood situation.

As per rainfall realised and rainfall prediction for east Nepal, water levels are expected to rise in Gandak, Burhi Gandak & other North Bihar rivers, which are already in high stage & falling very slowly.

### 2.2.2 Brahmaputra and its tributaries – Assam, Arunachal Pradesh & Sub Himalayan Bengal

Brahmaputra river is flowing in severe flood situation in **Sonitpur** district, and in above normal flood situation at **Jorhat, Gopalpara, Barpeta** and **Dhubri** districts.

### 2.2.3 West Flowing Rivers Of Ghat Areas - Mumbai, Konkan and Goa, Coastal Karnataka, Kerala

Cauvery basin – IMD has predicted heavy rains to very heavy rains with isolated extremely heavy rains on 12<sup>th</sup> & 13<sup>th</sup> July and heavy rains to very heavy rains on 10<sup>th</sup>, 11<sup>th</sup> & 14<sup>th</sup> in districts Hassan and Chickmangalur i.e the catchments upstream of Harangi, Hemavathi and KRS dams.

Kabini River - IMD has predicted heavy rains to very heavy rains between 9<sup>th</sup> to 13<sup>th</sup>, over Wayanad district of Kerala. So this is likely to increase inflow into Kabini dam. Kabini dam is presently 75% full and having river level of 693.62m compared to rule level of 694.25m. Due to predicted rainfall, there is likelihood of increased inflow into dam. Releases if any should be done following SOP & after informing all downstream districts /lower riparian state.

Tungabhadra Basin – Upper Tunga/Gajanur dam & Bhadra dam is at FRL. Due to predicted rainfall, there is likelihood of increased inflow into dam. Releases if any should be done following SOP & after informing all downstream districts /lower riparian state

In Mumbai, watch for urban flooding situation has to be kept.

## 3. Storage Position in Dams where Inflow forecast is being issued by CWC as on 9<sup>th</sup> July 2021

Reservoirs shown in red are having gross storage capacity more than 80% and those in orange are having gross storage greater than 60%. Close watch is to be maintained at these reservoirs whenever high QPF has been indicated in next 120 hours.

					QPF categories (mm)							
					0	0.1-10	11-25	26-37	38-50	51-75	76-100	>100
#	Reservoir/ Dams	River/ Sub-Basin / Basin	State	US/ DS District	Rainfall situation							
					Day 1	Day 2	Day 3	Day 4	Day 5			
1	Pulichinthala	Krishna/Lower Krishna/ Krishna	Andhra Pradesh	Nalgonda(Tel)/Guntoor, Krishna(AP)								
2	Panchet	Damodar/ Damodar East/ Ganga	Jharkhand	Dhanbad								
3	Maithon	Barakar/Barakar East/Ganga	Jharkhand	Dhanbad								
4	Almatti	Krishna/ Upper Krishna/ Krishna	Karnataka	Kolhapur (Maharashtra)/ Bagalkote (Karnataka)								
5	Narayanpur	Krishna/Upper Krishna/Krishna	Karnataka	Bagalkot, Vijayapura/Raichur,Yadgir								
6	Kabini	Kabini/Kabini/ Cauvery	Karnataka	Wayanad (Kerala)/ Mysuru (Karnataka)								
7	Karanja	Karanja/Manjera/ Godavari	Karnataka	Bidar (Kar), Vikarabad(Telangana)/ Bidar(Kar)								
8	Rana Pratap Sagar	Chambal/Upper Chambal/Ganga	Rajasthan	Neemuch(MP)/ Dholpur, Kota, Bundi(Raj)								
9	Som Kamla Amba	Som/Mahi B/ Mahi	Rajasthan	Udaipur/ Dungarpur								
10	Sri Pada Yellampally	Godavari/Middle Godavari/Godavari	Telangana	Mancheria/Jaishankar Bhupalpally								
11	Kaddam	Kaddam/Middle Godavari/Godavari	Telangana	Adilabad,Nirmal/Mancheria								
12	Musi	Musi/Lower Krishna/ Krishna	Telangana	Nalgonda								
13	Vaigai	Vaigai/Upper Vaigai/EF Rivers b/w Cauvery &	Tamil Nadu	Theni/Madurai								

		Kanyakumari							
14	Bhavanisagar	Bhavani/ Middle Cauvery/ Cauvery	Tamilnadu	Palakad (Kerala), Nilgiri (TN), Coimbatore (TN)/ Erode (TN)					

**Note-** Based on above information, Project Authority may regulate the reservoirs as per standard operating manuals/ rule levels to avoid downstream flooding and upstream submergence.