



**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**12-07-2019**

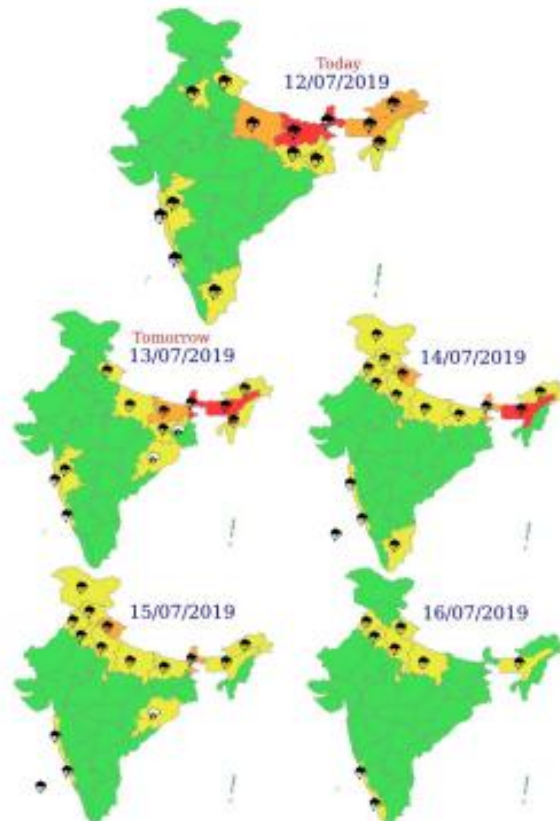
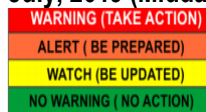
**1.0 IMD information**

**1.1 Rainfall Situation**

**1.1.1 Amount of rainfall recorded at 0830 hours IST of today (10 cm or more) as per IMD**

Name of Place (State)	Rainfall (in cm)
Lalbegiaghat(Bihar)	36
Dhengbridge (Bihar)	32
Taibpur (Bihar)	26
Darauli(Bihar)	25
Mawsynram (Meghalaya), Salempur (UP)	23 each
Bagdogra (West Bengal), Dumariaghat (Bihar)	20 each
Kapurthala (Punjab)	19
Sohra (Meghalaya), Shirgaon (Maharashtra), Gazoldoba (WB)	17each
Vengurla& Gaganbawda (Maharashtra), Galgalia& Chatia (Bihar), Champasari (WB)	16 each
Sikti, Jhanjharpur & Saulighat (Bihar), Mapusa (Goa), Chiplun (Maharashtra), Hata (UP)	15 each
Jalpaiguri (West Bengal), Panjim (Goa), Trimbakeshwar, Dawdi & Tamini (Maharashtra)	14 each
Ying Kiong (Arunachal Pradesh), Ahirwalia (Bihar), Koyna, Vaitarna & Rajapur, Domohani (WB)	13 each
Passighat , Tuting(Arunachal Pradesh), Mahabaleshwar& Dodomarg (Maharashtra), Ponda (Goa), Diana (WB)	12 each
Kumta (Karnataka), Birpur (Bihar), Chamoli (Uttarakhand)	11 each
Gorakhpur (UP), Mormugao (Goa), Kadra (Karnataka), Roing (Arunachal Pradesh), Khliehriat (Meghalaya)	10 each

**1.1.2 Rainfall forecast for next 5 days issued on 12<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
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)	0
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	23
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	23
Total number of sites above Warning Level ( A+B+C)		46
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)		9

2.1.2 Severe Flood Situation

River Station	District State	Warning Level (m)	Danger Level (m)	Highest flood Level (m) Date	Actual level	Forecasted Level
					Trend Time	Trend Date
Bagmati	Sitamarhi	69.1	70.1	73.0 2017-08-13	71.88	72.4 Rising
Dheng Bridge	Bihar				Rising 15:00	13/7/2019 06:00:00
Gandak	Gopalganj	61.22	62.22	64.1 2017-08-17	62.4	62.52 Steady
Dumariaghat	Bihar				Steady 15:00	13/7/2019 06:00:00
Mahananda	Kishanganj	65.0	66.0	67.22	66.48	66.5 Rising
Talbpur	Bihar				Rising 15:00	12/7/2019 20:00:00
Subansiri	Lakhimpur	81.53	82.53	86.21 1972-07-28	82.66	82.5 Rising
Badatighat	Assam				Rising 15:00	13/7/2019 00:00:00
Beki	Barpeta	44.1	45.1	46.2 2000-08-04	45.62	45.65 Steady
Beki Road bridge	Assam				Steady 12:00	12/7/2019 18:00:00
Buridehing	Dibrugarh	101.11	102.11	104.16 2015-09-02	102.51	102.7 Steady
Chenimari (Khowang)	Assam				Rising 15:00	13/7/2019 06:00:00



## 2.1.3 Above Normal

River Station	District State	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend Time	Trend Date
Mahananda	Araria	46.0	47.3	49.4	47.11	
Araria	Bihar			2017-08-14	Rising 14:00	
Gaurang	Kokrajhar	41.85	42.85	43.6	42.43	42.57 Rising
Kokrajhar	Assam			2015-08-20	Rising 12:00	12/7/2019 18:00:00
Adhwara	Sitamarhi	80.85	81.85	83.0	80.98	81.2 Rising
Sonbarsa	Bihar				Rising 14:00	13/7/2019 06:00:00
Siang	East Siang	152.96	153.96	157.54	153.52	
Passighat	Arunachal Pradesh			2000-06-11	Steady 15:00	
Barak	Cachar	18.83	19.83	21.84	19.18	19.45 Rising
Annapurnaghat	Assam			1989-08-01	Rising 12:00	12/7/2019 20:00:00
Barak	Cachar	15.85	16.85	18.48	16.35	
Badarpurghat	Assam			2007-09-11	Rising 11:00	
Kopili	Morigaon	55.0	56.0	58.09	55.9	55.95 Rising
Dharamtul	Assam			2004-07-21	Rising 15:00	12/7/2019 21:00:00
Lohit	Tinsukia	127.27	128.27	130.07	127.29	
Dholabazar	Assam			2012-09-22	Steady 15:00	
Brahmaputra	Dibrugarh	104.7	105.7	106.48	105.46	105.45 Falling
Dibrugarh	Assam			1998-09-03	Falling 15:00	12/7/2019 18:00:00
Sankosh	Dhubri	28.94	29.94	30.95	29.62	29.7 Rising
Golokganj	Assam			2007-09-08	Rising 15:00	12/7/2019 18:00:00
Manas	Barpeta	47.81	48.42	50.08	48.03	47.8 Falling
Manas N H Crossing	Assam			1984-09-15	Falling 12:00	12/7/2019 18:00:00
Pagladiya	Nalbari	51.75	52.75	55.45	52.55	52.7 Rising
Pagladiya N T Road Crossing	Assam			2004-07-08	Rising 12:00	12/7/2019 18:00:00
Ranganadi	Lakhimpur	93.81	94.81	95.92	94.09	
Ranganadi NT Road crossing	Assam			1979-07-02	Falling 15:00	
Dikhow	Sibsagar	91.4	92.4	94.23	91.98	
Sivasagar	Assam			2018-08-01	Steady 15:00	

Kosi	Khangaria			36.4	33.5	33.58
		32.85	33.85			Rising
Baltara	Bihar			1987-08-15	Rising	13/7/2019
					14:00	06:00:00
Kosi	Supaul *			49.24	46.83	
		46.75	47.75			
Basua	Bihar			2017-08-13	Rising	
					14:00	
Bagmati	Muzaffarpur			50.01	48.61	49.0
		47.68	48.68			Rising
Benibad	Bihar			2004-07-12	Rising	13/7/2019
					14:00	06:00:00
Mahananda	Katihar			34.07	30.93	
		30.4	31.4			
Jhawa	Bihar			2017-08-14	Steady	
					14:00	
Rapti	Balrampur *			105.54	104.51	104.3
		103.62	104.62			Falling
Balrampur	Uttar Pradesh			2017-08-15	Rising	13/7/2019
					15:00	08:00:00
Ghagra	Bara Banki			107.616	105.55	106.0
		105.07	106.07			Rising
Elginbridge	Uttar Pradesh			2014-08-16	Steady	13/7/2019
					15:00	08:00:00
Torsa	Koch Bihar			41.46	39.86	40.08
		39.8	40.41			Rising
Ghugumari	West Bengal			2000-08-03	Rising	12/7/2019
					15:00	22:00:00
Jaldhaka	Jalpaiguri			82.33	80.09	80.0
		80.0	80.9			Falling
Jaldhaka NH-31	West Bengal			1972-07-28	Steady	12/7/2019
					15:00	21:00:00
Teesta	Koch Bihar			66.45	65.7	65.75
		65.45	65.95			Rising
Mekhliganj	West Bengal			1996-07-13	Rising	12/7/2019
					15:00	16:00:00

## 2.1.4 Reservoir

Name of River	Flood Forecasting Site	District	State	FRL (m)	MWL (m)	Actual Level			Forecast			
						Level (m)	Time	Trend	Average Inflow (Cumec)	Trend	Date	Time
Krishna	Hipparagi Barrage	Bijapur	Karnataka	531.4	531.4	521.0495	08:00	Rising	2650.0	Rising	13/7/2019	08:00:00
Koyna	Koyna Dam	Satara	Maharashtra	650.85		638.8394	08:00	Rising	1000.0	Steady	13/7/2019	08:00:00
Tungabhadra	Singatur Barrage	Gadag	Karnataka	507.0		506.8	08:00	Steady	800.0	Rising	12/7/2019	20:00:00
Damodar	Panchet Dam	Dhanbad	Jharkhand	132.59	132.59	122.04	12:00	Rising	197.0	Rising	13/7/2019	06:00:00
Krishna	Almati Dam	Bijapur	Karnataka	519.6	519.6	516.0	12:00	Rising	3150.0	Rising	13/7/2019	08:00:00
Hemavathi	Hemavathi Dam	Hassan	Karnataka	890.63		879.32056	08:00	Rising	120.0	Falling	13/7/2019	08:00:00
Cauvery	Krishna Raja Sagar	Mandya	Karnataka	752.49		741.38007	08:00	Rising	180.0	Falling	13/7/2019	08:00:00
Tungabhadra	Tungabhadra Dam	Belary	Karnataka	497.74	497.74	483.49512	12:00	Rising	600.0	Rising	12/7/2019	20:00:00
Tunga	Upper Tunga Project	Shimoga	Karnataka	588.24	588.24	588.2396	08:00	Steady	140.0	Falling	13/7/2019	08:00:00

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

IMD has forecasted heavy to very heavy rainfall with isolated extremely heavy rainfall in Bihar between 13<sup>th</sup> and 14<sup>th</sup> July, in Assam and Meghalaya, Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim, on 14<sup>th</sup> and 15<sup>th</sup> July and then gradual reduction in rainfall. Due to this warning, there is likelihood of rise in Water Levels in various river basins and the likely impact of these rains as inferred from rainfall runoff model run for 3 days advisory forecast is detailed as under:

In view of the ongoing very heavy rainfall events in Assam for the past 3 days, most of the rivers in Assam are flowing above Danger Level.

River Aie at N H Crossing in Barpeta District as well as boundary of Bongaigaon District crossed its previous Highest Flood Level (HFL) on 11th July 2019 and then receded.

#### 2.1 Flood Situation on 12<sup>th</sup> July 2019,

River Brahmaputra is flowing in Severe Flood Situation at Neamatighat in Jorhat District, Tezpur in Sonitpur District, Guwahati in Kamrup Metropolitan District, Goalpara in Goalpara District and Dhubri in Dhubri District of Assam. Rivers Buridehing, Desang, Subansiri, Jia-Bharali, Dhansiri (S), Kopili, Puthimari and Beki are also flowing in Severe Flood Situation in the districts of Dibrugarh, Shivsagar, Lakhimpur, Sonitpur, Golaghat, Nagaon, Kamrup Rural and Barpeta.

River Katakhal at Matizuri in Cachar District, River Kushiyara at Karimgunj in Karimgunj District in Barak Basin are also flowing in Severe Flood Situation.

River Brahmaputra at Dibrugarh is flowing in Above Normal Flood Situation, Rivers Lohit, Ranganadi, Dikhow, Kopili, Pagladiya, Manas, Gaurang and Sankosh are also flowing in Above Normal Flood Situation in the Districts of Tinsukia, Lakhimpur, Shivsagar, Morigaon, Nalbari, Barpeta, Kokrajhar and Dhubri.

Similarly the Northern Tributaries of River Ganga such as Gandak, Bagmati, Adhwara Group, Kamla Balan, and Mahananda near the Indo-Nepal Border are also flowing in Severe Flood Situation and are likely to remain in Severe Flood Situation for another 2-3 days in view of the ongoing rainfall activity and the rainfall forecast in Bihar.

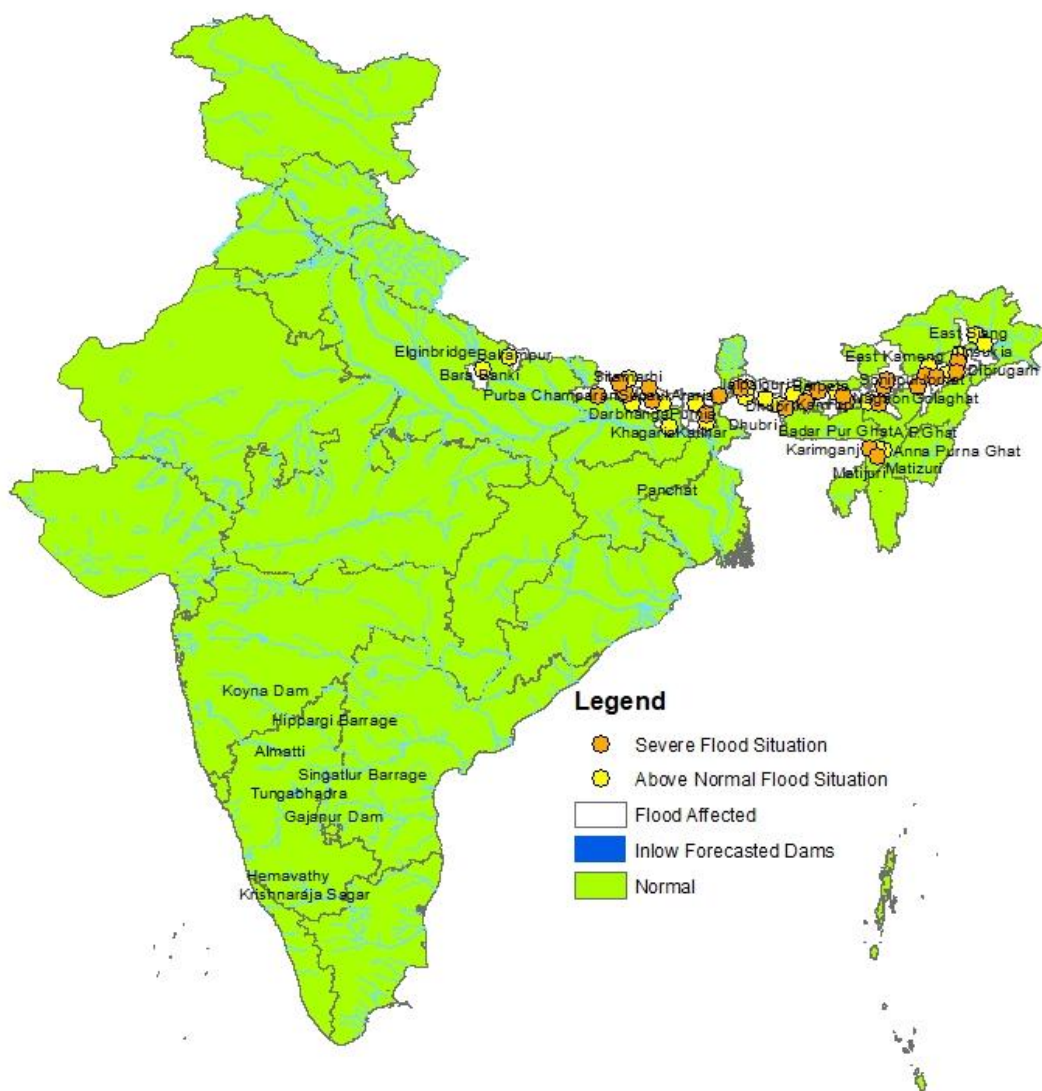
#### 2.2 Forecast for next 3-4 days

Present trend indicates that river Siang at Tuting is rising rapidly in view of heavy rainfall occurring in Arunachal Pradesh as well as in catchment areas of TAR region of China, the situation is likely to continue in Severe to Extreme Flood Situation in most of the rivers during the next 4 to 5 days in Assam and Sub-Himalayan West Bengal.



## Map showing Flood Situation on 12.07.2019 and the Districts Alerted for next 5 days

Flood Alerted marked as per IMD Rainfall Forecast for the next 5 days in various river basins



### Flood Affected Districts:

- Assam:** Tinsukia, Dibrugarh, Dhemaji, Lakhimpur, Shivsagar, Jorhat, Sonitpur, Golaghat, Nagaon, Kamrup, Nalbari, Barpeta, Goalpara, Kokrajhar, Dhubri, Cachar and Karimgunj
- Bihar:** Sitamarhi, Gopalganj, Supaul, Kisangani, Madhubani, Araria, Muzzafarpur and Katihar
- West Bengal:** Jalpaiguri, Coochbehar, Maldah
- Uttar Pradesh:** Barabanki, Balrampur