



**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**08-07-2019**

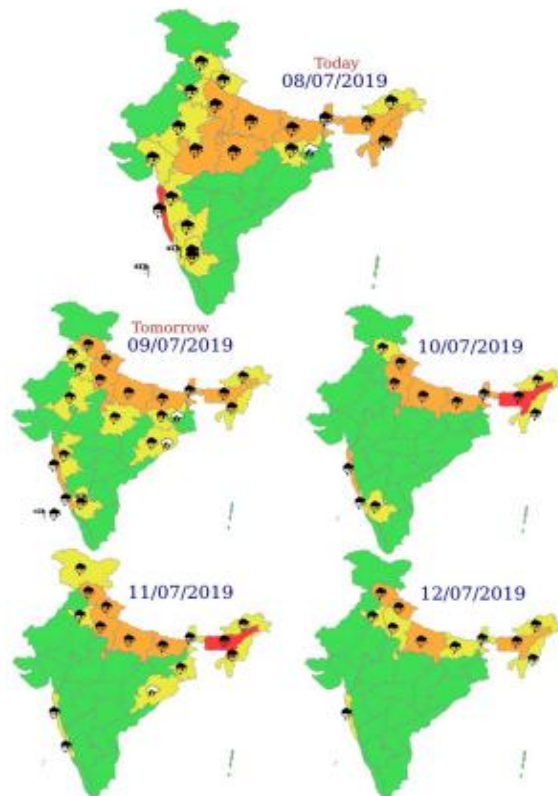
**1.0 IMD information**

**1.1 Rainfall Situation**

**1.1.1 Amount of rainfall recorded at 0830 hours IST of today (6 cm or more) as per IMD**

Name of Place (State)	Rainfall (in cm)
Sikti (Bihar)	21
Dungerwadi & Bhatsa (Maharashtra)	20 each
Wangaon, Vaitarna & Ambone (Maharashtra)	18 each
Gaganbawada, Jawhar, Chiplun, Tansa & Thakurwadi (Maharashtra)	15 each
Darjeeling, Mahabaleshwar & Harsul (Maharashtra)	14 each
Londa (Karnataka), Trimbakshwar (Maharashtra)	13 each
Gutkara (UP)	12
Mahegaon, Tulsi & Peth (Maharashtra), Koelwar (Bihar), Kasauli (HP)	11 each
Kota & Manchikere (Karnataka)	10 each
Hathidah & Lalganj (Bihar), Balia, Mirzapur & Dudhhi (UP)	9 each
Pantnagar (Uttarakhand), Buxar & Japla (Bihar), Linganamakki & Hosanagara (Karnataka), Radhanagri, Ajra, Akole (Maharashtra)	8 each
Patna, Bishunpur & Rewaghat (Bihar), Tadong (Sikkim), Nasik & Matheran (Maharashtra), Puttur & Kollur (Karnataka), Garoth (MP)	7 each
Dharamshala, Nahan, Bhoranj & Bharari (HP), Gangtok (Sikkim), Mani, Siddapura & Khanapura (Karnataka), Benibad (Bihar)	6 each

**1.1.2 Rainfall forecast for next 5 days issued on 8<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))	5
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	7
Total number of sites above Warning Level ( A+B+C)		12
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
Beki	Barpeta	44.1	45.1	46.2 2000-08-04	45.28	45.22 Rising
Beki Road bridge	Assam				Rising 15:00	8/7/2019 18:00:00
Jabharali	Sonitpur	76.0	77.0	78.5 2007-07-26	77.53	
NT Road Crossing Jia-Bharali	Assam				Rising 14:00	
Brahmaputra	Jorhat	84.04	85.04	87.37 1991-07-11	85.46	86.0 Rising
Neamatighat	Assam				Rising 14:00	9/7/2019 09:00:00
Dhansiri (South)	Golaghat	76.42	77.42	80.16 2018-08-03	78.43	78.45 Rising
Numaligarh	Assam				Rising 14:00	8/7/2019 16:00:00
Bagmati	Sitamarhi	52.73	53.73	58.15 2017-08-14	53.82	53.92 Rising
Runisaidpur	Bihar				Rising 14:00	9/7/2019 06:00:00

2.1.3 Above Normal

Bagmati	Sitamarhi	69.1	70.1	73.0 2017-08-13	69.93	69.75 Falling
Dheng Bridge	Bihar				Falling 14:00	9/7/2019 06:00:00
Gandak	Gopalganj	61.22	62.22	64.1 2017-08-17	61.87	61.9 Steady
Dumraighat	Bihar				Rising 14:00	9/7/2019 06:00:00
Siang	East Siang	152.96	153.96	157.54 2000-06-11	153.54	
Passighat	Arunachal Pradesh				Rising 13:00	
Brahmaputra	Dhubri	27.62	28.62	30.36 1988-08-28	27.74	27.73 Steady
Dhubri	Assam				Rising 14:00	8/7/2019 21:00:00
Brahmaputra	Dibrugarh	104.7	105.7	106.48 1998-09-03	104.85	105.2 Rising
Dibrugarh	Assam				Rising 14:00	8/7/2019 21:00:00
Brahmaputra	Sonitpur	64.23	65.23	66.59 1988-08-27	64.52	64.75 Rising
Tezpur	Assam				Rising 14:00	9/7/2019 09:00:00
Teesta	Jalpaiguri	85.65	85.95	89.3 1988-10-04	85.68	85.62 Falling
DOMOHANI	West Bengal				Falling 14:00	8/7/2019 19:00:00

## 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	521.6012	08:00	Rising	1700.0	Rising	9/7/2019	08:00:00
Tungabhadra	Singalur Barrage	Gadag	Karnataka	507.0		506.8	12:00	Steady	500.0	Rising	8/7/2019	20:00:00
Bhadra	Bhadra Dam	Chikmagalur	Karnataka	657.75	657.75	640.1806	08:00	Rising	125.0	Steady	9/7/2019	08:00:00
Krishna	Almati Dam	Bijapur	Karnataka	519.6	519.6	512.06	12:00	Rising	1700.0	Rising	9/7/2019	08:00:00
Hemavathi	Hemavathi Dam	Hassan	Karnataka	890.63		876.8334	08:00	Rising	210.0	Rising	9/7/2019	08:00:00
Kabini	Kabini Dam	Mysore	Karnataka	696.16		690.0489	08:00	Rising	140.0	Steady	9/7/2019	08:00:00
Cauvery	Krishna Raja Sagar	Mandya	Karnataka	752.49		739.9475	08:00	Rising	260.0	Rising	9/7/2019	08:00:00
Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	479.53577	14:00	Rising	500.0	Rising	8/7/2019	20:00:00
Tunga	Upper Tunga Project	Shimoga	Karnataka	588.24	588.24	588.2396	08:00	Steady	200.0	Steady	9/7/2019	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 along the foot hills of Himalaya for the next 5 days i.e. from 9<sup>th</sup> to 13<sup>th</sup> July 2019 as the monsoon trough is shifting north of its normal position. Heavy to very heavy rainfall has been forecasted for MP on 9<sup>th</sup>, Konkan & Goa for the period from 9<sup>th</sup> to 11<sup>th</sup> July.

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:

Krishna Basin	Due to Heavy rains in Source regions of Krishna, Bhima and Tungabhadra rivers in Maharashtra & Karnataka, there is rise in water level of river Krishna, Bhima & Tungabhadra in the districts of Satara, Pune, Sangli and Kolhapur in Maharashtra and in Vijayapura, Bagalkote, Shivamogga, Chikmagalur, Ballari districts of Karnataka. The inflows into reservoirs have increased considerably. However, the level are much below Full Reservoir Levels (FRL).
Konkan & Goa	West Flowing Rivers in the districts of Palghar, Thane, Raigad, Ratnagiri and Sindhudurg are likely to have flood like situation in view of the above forecast. There may be chances of Urban Flooding due to drainage congestion and water logging in urban areas of Mumbai and its suburbs.
Narmada Basin	In view of the rainfall forecast in MP and Vidarbha during the next 3 days, there is likelihood of rapid rise in Water Levels in Narmada and its tributaries. Since most of the dams have very low storage, this may help in increasing the storage in dams such as Barna, Tawa, Indirasagar, Omkareshwar and Sardar Sarovar Dams. However, the level are much below Full Reservoir Levels (FRL)
Ganga Basin	In view of the rainfall forecast along foot hills of Uttarakhand, Himachal Pradesh, UP, Bihar as well as in catchment areas of Northern Tributaries of Ganga in Nepal, here is likely to be rapid rise in water levels in rivers such as Alaknanda, Bhagirathi, Yamuna in upper reaches, Ramganga, Ghaghra, Rapti, Sharda, Gandak, Kosi, Bagmati, Burhi Gandak, Kamla Balan, Mahananda in UP and Bihar.
Brahmaputra Basin	In view of the rainfall forecast in Arunachal Pradesh, Assam & Meghalaya, there is likely to be further increase in Water Levels in the river Brahmaputra and its tributaries such as Siang, Lohit, Buridehing, Desang, Debang, Dikhow, Subansiri, Jia-Bharali, Dhansiri (S), Kopili, Pagladiya, Puthimari, Beki, Manas, Aie, Champamati, Gaurang, Sankosh, Teesta, Raidak, Torsa, Jaldhaka in Arunachal Pradesh, Assam, Northern Districts of West Bengal

### Flood Alerted Districts for next 5 days include:

**Maharashtra:** Raigad, Thane, Ratnagiri, Sindhudurg, Palghar, Pune, Satara, Sangli, Kolhapur

**Karnataka:** Uttara Kannada, Udupi and Dakshina Kannada, Vijayapura, Bagalkote, Chikmagalur

**Uttar Pradesh:** Districts covering rivers Yamuna, Ghaghra, Rapi, Sharda, Gandak

**Uttarakhand:** Districts covering rivers Bhagirathi, Alaknanda, Yamuna, Ramganga

**Bihar:** Districts covering Gandak, Burhi Gandak, Bagmati, Kamla Balan, Kosi, Mahananda

**Assam:** Districts covering major tributaries of Brahmaputra as well as main Brahmaputra

Map showing Flood Situation on 08.07.2019 and the Districts Alerted for next 5 days

