



**Central Water Commission**  
**Daily Flood Situation Report cum Advisories**  
**06-07-2019**

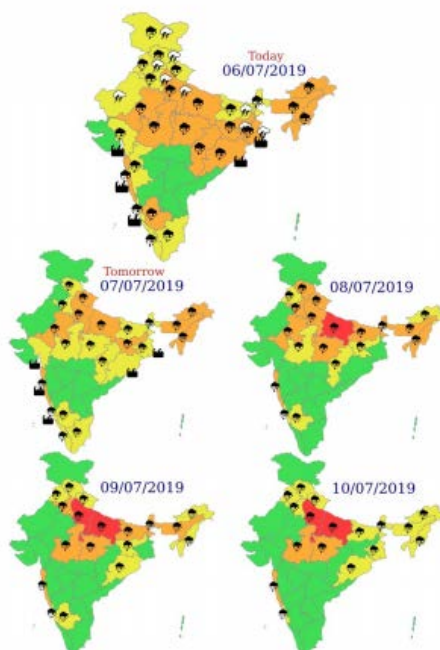
**1.0 IMD information**

**1.1 Rainfall Situation**

**1.1.1 Amount of rainfall recorded at 0830 hours IST of today (9 cm or more) as per IMD**

Name of Place (State)	Rainfall (in cm)
Bhinga (UP)	23
Umerpada (Gujarat)	22
Matheran (Maharashtra)	21
Shirgaon (Maharashtra)	20
Kharidwar (West Bengal), Ambone (Maharashtra)	18 each
Naraj (Odisha), Depalpur (MP), Dwadi (Maharashtra)	17 each
Hosanagara (Karnataka)	16
Dungerwadi & Tamini (Maharashtra), Mudigere (Karnataka)	15 each
Dodamarg (Maharashtra), Chikli (Gujarat), Mumtali (Odisha), Lohandiguda (Chhattisgarh), Prattapgarh (Rajasthan), Linganamakki (Karnataka)	14 each
Ulhasnagar & Vasai (Maharashtra), Cuttack (Odisha), Shahjapur (MP), Bairamgarh (Chhattisgarh)	13 each
Pen & Karjat (Maharashtra), Phulberia (West Bengal), Jeypore & Nowrangpur (Odisha), Bari (Rajasthan), Bhatpurwaghat (UP), Bhagamandala (Karnataka)	12 each
Ambernath, Mahabaleshwar & Lonvala (Maharashtra), Gandevi (Gujarat), Koraput (Odisha), Kotekalyan & Bijapur (Chhattisgarh), Dug (Rajasthan), Kollur (Karnataka), Irrikur (Kerala)	11 each
Bhira (Maharashtra), Bodeli & Vansda (Gujarat), Junagarh, Kendrapara and Kutragada (Odisha), Rehli, Balaghat, Udaipura, Bhabra (MP), Kuakonda & Chindgarh, Darbha & Usoor (Chhattisgarh), Bharatpur & Bayana (Rajasthan), Banda (UP), Valparai (TN), Vadakara (Kerala)	10 each
Mahuva, Waghai, Vyara & Chota daepur (Gujarat), Chakaradharpur (Jharkhand), Tokapal, Pali & Gidam (Chhattisgarh), Hardoi & Handia (UP), North Lakhimpur (Assam), Siddapura, Humchadakkatte, Sringeri & Kammardi (Karnataka)	9 each

**1.1.2 Rainfall forecast for next 5 days issued on 6<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))	2
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	5
Total number of sites above Warning Level ( A+B+C)		7
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)		5

### 2.1.2 Severe Flood Situation

(Site (s) where water level is equalled or exceeded Danger Level but below Highest Flood Level (HFL))						
River	District	Warning Level (m)	Danger Level (m)	Highest Flood Level (m)	Actual level	Forecasted Level
Station	State			Date	Trend	Trend
					Time	Date
Jiabharali	Sonitpur	76.0	77.0	78.5	77.18	77.1
NT Road Crossing Jia-Bharali	Assam			2007-07-26	Rising	6/7/2019
					13:00	15:00:00
Bagmati	Sitamarhi	52.73	53.73	58.15	54.0	53.93
Runisaidpur	Bihar			2017-08-14	Steady	7/7/2019
					13:00	06:00:00

### 2.1.3 Above Normal

Bagmati	Sitamarhi	69.1	70.1	73.0	69.3	69.25
						Steady
Dheng Bridge	Bihar	44.1	45.1	2017-08-13	Steady	7/7/2019
					13:00	06:00:00
Beki	Barpeta	27.62	28.62	46.2	44.43	44.48
Beki Road bridge	Assam			2000-08-04	Rising	6/7/2019
					12:00	18:00:00
Brahmaputra	Dhubri	84.04	85.04	30.36	27.78	27.77
						Falling
Dhubri	Assam	76.42	77.42	1988-08-28	Falling	6/7/2019
					12:00	21:00:00
Brahmaputra	Jorhat	80.16	81.16	87.37	84.99	85.12
						Rising
Neamatighat	Assam	2018-08-03		1991-07-11	Steady	7/7/2019
					12:00	09:00:00
Dhansiri (South)	Golaghat	77.4		80.16	77.24	77.4
						Rising
Numaligarh	Assam			2018-08-03	Rising	6/7/2019
					12:00	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
Bhadra	Bhadra Dam	Chikmagalur	Karnataka	657.75	657.75	639.36676	08:00	Rising	250.0	Rising	7/7/2019	08:00:00
Hemavathi	Hemavathi Dam	Hassan	Karnataka	890.63		875.0046	08:00	Rising	350.0	Rising	7/7/2019	08:00:00
Kabini	Kabini Dam	Mysore	Karnataka	696.16		688.6194	08:00	Rising	390.0	Rising	7/7/2019	08:00:00
Tunga	Upper Tunga Project	Shimoga	Karnataka	588.24	588.24	588.2396	08:00	Steady	400.0	Rising	7/7/2019	08:00:00
Chambal	Gandhisagar Dam	Mandsaur	Madhya Pradesh	399.9	401.0	381.95	08:00	Rising	2302.78	Rising	7/7/2019	08:00:00

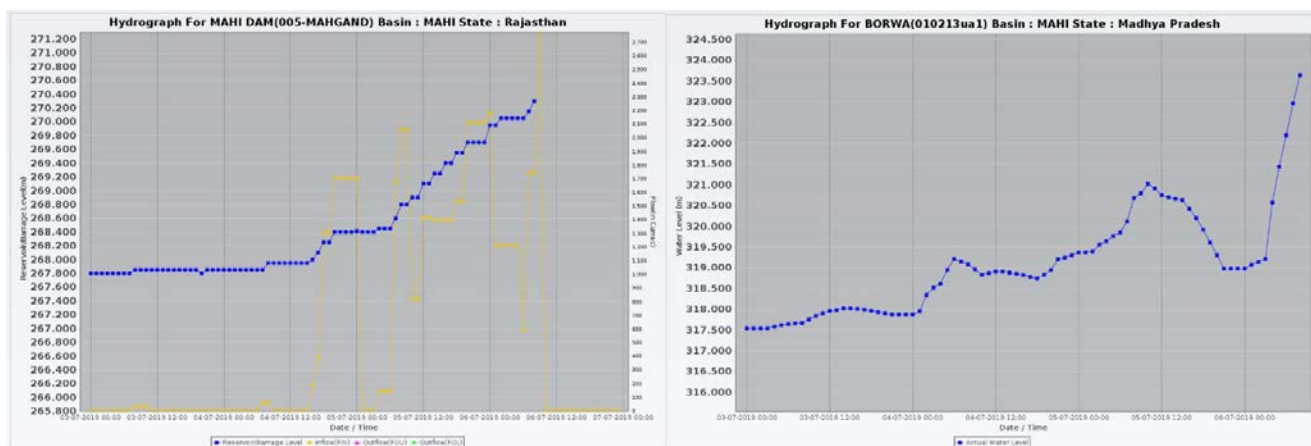
## 2.2 Flood Situation as per actual/ forecasted rainfall

IMD has forecasted heavy to very heavy rainfall with isolated extremely heavy rainfall in UP on 9<sup>th</sup> and 10<sup>th</sup> July 2019 and heavy to very heavy rainfall over Konkan & Goa, Coastal Karnataka, Uttarakhand, Uttar Pradesh, Bihar, Assam & Meghalaya, Arunachal Pradesh Himachal Pradesh, Madhya Pradesh, Chhattisgarh and Odisha during the next 3-4 days from 7<sup>th</sup> July onwards.

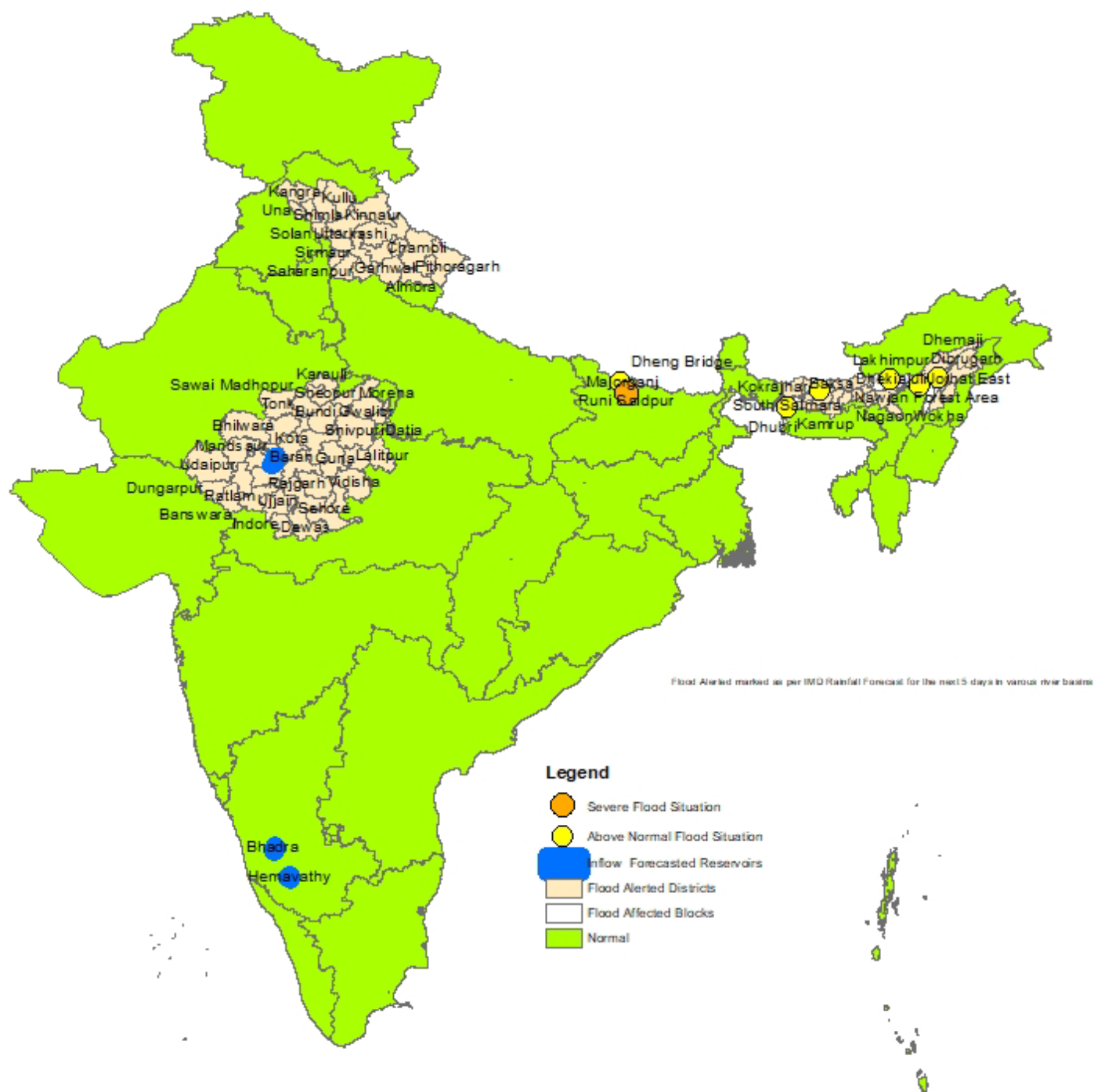
Due to this warning, there is likelihood of rise in Water Levels in various river basins and the likely impact of these rains as inferred from rainfall runoff model run for 3 days advisory forecast is detailed as under:

Narmada Basin	In view of the rainfall forecast in MP during the next 24 hours, 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, all the above dams will still be far below FRL.
Tapi Basin	In view of the rainfall forecast in MP during the next 24 hours, there is likelihood of rapid rise in Water Levels in Tapi and its tributaries. Since most of the dams have very low storage, this may help in increasing the storage in dams such as Hatnur and Ukai Dams. However, all the above dams will still be far below FRL.
Mahi Basin	In view of the rainfall forecast in MP during the next 24 hours, there is likelihood of rapid rise in Water Levels in Mahi and its tributaries. Since most of the dams have very low storage, this may help in increasing the storage in dams such as Mahi Bajaj Sagar Dam, Som Kamla Amba Dams in Rajasthan. However, all the above dams will still be far below FRL.
Ganga Basin	In view of the rainfall forecast in MP and Eastern UP and East Rajasthan for the next 3 to 5 days, there is likelihood of rapid rise in Water Levels in Ganga and its tributaries such as Ken, Betwa, Chambal, Yamuna, Tons and Sone. However, the dams in Ken, Betwa and Sone rivers are very low, this rainfall may help in increasing the storage level in the projects in these basins. However, they will still be far below FRL. Necessary precautionary measures have to be taken. Some of the small dams in Hilly regions of Uttarakhand, HP, including small Hydro-electric power projects may get heavy inflows which may be released downstream as well as likelihood of flash floods in Hilly Catchments of Yamuna, Ganga, Sutlej.
Brahmaputra Basin	Due to the rainfall forecast on 8 <sup>th</sup> and 9 <sup>th</sup> July, there is possibility of rise in Water Levels in Brahmaputra and its tributaries. Situation has to be closely monitored depending on the actual rainfall situation.

Mahi Bajaj Sagar Dam on river Mahi in Rajasthan is rising with instantaneous inflows of the order 5000 cumec at 1300 hrs today. However, the reservoir level is much below FRL. Hydrograph is appended. River Mahi at Borwa in Ratlam dist of Madhya Pradesh is rising rapidly in association with heavy rainfall. This station is upstream of Mahi Bajaj Sagar Dam in Rajasthan. Hydrograph is appended.



Map showing Flood Situation on 05.07.2019 and the Districts Alerted for next 5 days



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

Madhya Pradesh:	Districts covering rivers Narmada, Mahi, Ken, Betwa, Sone, Chambal
Rajasthan:	Districts covering basins of Mahi, Chambal
Uttar Pradesh:	Districts covering rivers Yamuna, Betwa, Sone, Ganga
Uttarakhand:	Districts covering Sub-Basins of Bhagirathi, Alaknanda, Yamuna
HP:	Districts Covering Sub-Basins of Yamuna and Sutlej.
Assam:	Districts covering Brahmaputra Basin