



Central Water Commission
Daily Flood Situation Report cum Advisories
14-07-2019

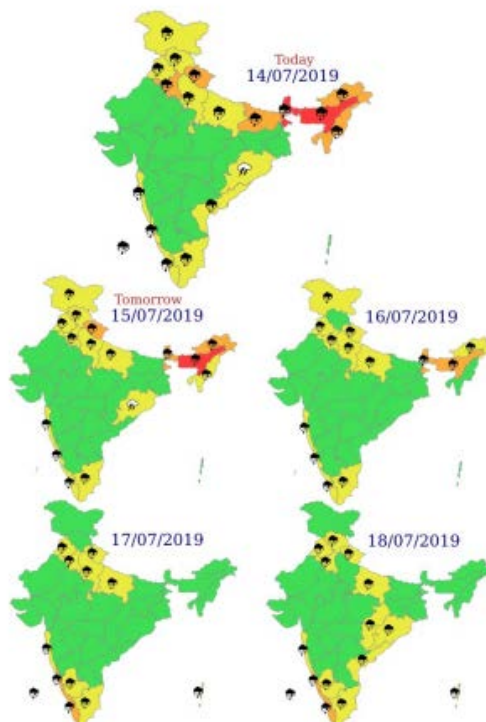
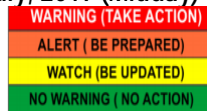
1.0 IMD information

1.1 Rainfall Situation

1.1.1 Amount of rainfall recorded at 0830 hours IST of today (7 cm or more) as per IMD

Name of Place (State)	Rainfall (in cm)
Taibpur (Bihar)	24
Jalpaiguri (West Bengal)	20
Kishanganj (Bihar), Sonamura (Tripura)	19 each
Domohani (West Bengal), A D Nagar (Tripura)	17 each
Hasimara (West Bengal)	16
Galgalia (Bihar), Kumargram (Tripura), Gudivada (Andhra Pradesh), Buxaduar & Alipurduar (West Bengal)	15 each
Chargaria (Bihar), Chepan (West Bengal), Dumariaganj (Uttar Pradesh)	14 each
Barabhisa, Falakata & N H 31 (West Bengal)	13 each
Goassaigaon, Aie N H Crossing & Gharmura (Assam), Agartala (Tripura), Vijayawada (Andhra Pradesh), Bhinga (Uttar Pradesh)	12 each
Roing (Arunachal Pradesh), Coochbehar (West Bengal), Mukhlispur (Uttar Pradesh)	11 each
Panbari, Baghmara & Manas N H Crossing (Assam), Bagdogra (West Bengal), Balrampur (Uttar Pradesh) Gurrakonda (Andhra Pradesh),	10 each
Barpeta & Beki Road Bridge (Assam), Mathabhanga (West Bengal) Araria (Bihar), Ayodhya (Uttar Pradesh), Pernem (Goa), Pakala (Andhra Pradesh), Kumta (Karnataka)	9 each
Passighat (Arunachal Pradesh), Bahalpur, Silchar & Kokrajhar (Assam), Birpur (Bihar), Kailashahar (Tripura) Lawngtlai (Mizoram), Khalilabad & Nanpura (Uttar Pradesh), Pallipattu (Tamilnadu)	8 each
Khalithriat (Meghalaya), Gazoldoba & Kalimpong (West Bengal), Avanigadda (Andhra Pradesh), Madhira (Telangana), Haraiya, Basti & Birdghat (Uttar Pradesh), Munisyari (Uttarakhand), Shiral & Bhatkal (Karnataka), Matheran (Maharashtra)	7each

1.1.2 Rainfall forecast for next 5 days issued on 14th 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)	1
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	29
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	20
Total number of sites above Warning Level (A+B+C)		50
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 Extreme Flood Situation

Sites where the previous Highest Flood Level (HFL) is equalled or exceeded						
River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
					Trend	Trend
Station	State			Date	Time	Date
Kamalabalan	Madhubani	49.0	50.0	53.01	53.01	52.8
Jhanjharpur	Bihar			2004-07-10	Falling	14/7/2019
					13:00	16:00:00

2.1.3 Severe Flood Situation

Mahananda	Araria	46.0	47.3	49.4	48.46	48.6
Araria	Bihar			2017-08-14	Rising	14/7/2019
					13:00	22:00:00
Bagmati	Sitamarhi	69.1	70.1	73.0	71.68	71.3
Dheng Bridge	Bihar			2017-08-13	Falling	15/7/2019
					13:00	06:00:00
Gandak	Gopalganj	61.22	62.22	64.1	62.57	62.6
Dumarlaghat	Bihar			2017-08-17	Rising	15/7/2019
					13:00	06:00:00
Mahananda	Kishanganj	65.0	66.0	67.22	66.5	66.85
Taibpur	Bihar				Falling	14/7/2019
					13:00	20:00:00
Barak	Cachar	18.83	19.83	21.84	20.2	20.17
Annapurnaghat	Assam			1989-08-01	Falling	14/7/2019
					12:00	19:00:00
Barak	Cachar	15.85	16.85	18.48	17.64	17.6
Badarpurghat	Assam			2007-09-11	Steady	14/7/2019
					12:00	15:00:00

Subansiri	Lakhimpur			86.21	83.0	83.0
Badaighat	Assam	81.53	82.53	1972-07-28	Steady	15/7/2019
Beki	Barpeta			46.2	45.39	45.85
Beki Road bridge	Assam	44.1	45.1	2000-08-04	Rising	14/7/2019
Buridehing	Dibrugarh			104.16	102.72	102.6
Chenimari (Khowang)	Assam	101.11	102.11	2015-09-02	Falling	15/7/2019
Kopili	Marigaon			58.09	56.32	56.35
Dharambul	Assam	55.0	56.0	2004-07-21	Rising	14/7/2019
Brahmaputra	Dhubri			30.36	29.6	29.62
Dhubri	Assam	27.62	28.62	1988-08-28	Rising	14/7/2019
Brahmaputra	Goalpara			37.43	36.7	36.92
Goalpara	Assam	35.27	36.27	1954-07-31	Rising	15/7/2019
Brahmaputra	Kamrup			51.46	50.37	50.55
Guwahati(D.C.Court)	Assam	48.68	49.68	2004-07-21	Rising	15/7/2019
Kopili	Nagaon			61.79	61.37	61.32
Kampur	Assam	59.5	60.5	2004-07-20	Rising	15/7/2019
Kushiyara	Karimganj			16.57	16.16	16.11
Karimganj	Assam	13.94	14.94	2010-06-10	Falling	14/7/2019
Katakhal	Hailakandi			22.73	22.23	22.12
Matizuri	Assam	19.27	20.27	2007-09-10	Steady	14/7/2019
Jabharali	Sonitpur			78.5	77.6	77.56
NT Road Crossing Jla-Bharali	Assam	76.0	77.0	2007-07-26	Falling	14/7/2019
Brahmaputra	Jorhat			87.37	87.11	87.09
Neamatighat	Assam	84.04	85.04	1991-07-11	Steady	15/7/2019
Dhansiri (South)	Golaghat			80.16	78.61	78.6
Numalgarh	Assam	76.42	77.42	2018-08-03	Rising	14/7/2019
Puthimari	Kamrup			55.08	52.85	52.7
Puthimari NH Rd Xing	Assam	50.81	51.81	2008-08-31	Falling	14/7/2019
Brahmaputra	Sonitpur			66.59	66.21	66.25
Tezpur	Assam	64.23	65.23	1988-08-27	Steady	15/7/2019
Kosi	Khangaria			36.4	34.62	35.14
Baltara	Bihar	32.85	33.85	1987-08-15	Rising	15/7/2019
					13.00	06.00.00

Kosi	Supaul *			49.24	48.39	49.05
Basua	Bihar	46.75	47.75	2017-08-13	Rising 13.00	Rising 14/7/2019 22:00:00
Bagmati	Muzaffarpur	47.68	48.68	50.01	48.91	48.9
Benibad	Bihar			2004-07-12	Rising 13.00	Steady 15/7/2019 06:00:00
Mahananda	Purnia	34.65	35.65	38.2	37.14	37.2
Dhengrahat	Bihar			2017-08-14	Rising 13.00	Steady 15/7/2019 06:00:00
Kamia	Madhubani	66.75	67.75	71.35	68.96	68.65
Jainagar	Bihar				Falling 13.00	Falling 14/7/2019 16:00:00
Mahananda	Katihar	30.4	31.4	34.07	32.34	32.34
Jhawa	Bihar			2017-08-14	Steady 13.00	Steady 14/7/2019 22:00:00
Bagmati	Sitamarhi	52.73	53.73	58.15	57.9	57.65
Runisaidpur	Bihar			2017-08-14	Rising 13.00	Falling 15/7/2019 06:00:00
Rapti	Balrampur *	103.62	104.62	105.54	104.7	105.0
Balrampur	Uttar Pradesh			2017-08-15	Rising 12.00	Rising 15/7/2019 08:00:00

2.1.4 Above Normal

Ganga	Budaun	161.0	162.0	162.79	161.04	161.08
Kachhna bridge	Uttar Pradesh			2010-09-24	Rising 12.00	Rising 15/7/2019 00:00:00
Gaurang	Kokrajhar	41.85	42.85	43.6	42.4	43.0
Kokrajhar	Assam			2015-08-20	Rising 12.00	Falling 14/7/2019 18:00:00
Adhwara	Sitamarhi	80.85	81.85	83.0	81.65	80.9
Sonbarsa	Bihar				Falling 12.00	Falling 15/7/2019 06:00:00
Slang	East Slang	152.96	153.96	157.54	153.76	153.8
Passighat	Arunachal Pradesh			2000-06-11	Rising 13.00	Rising 14/7/2019 15:00:00
Brahmaputra	Dibrugarh	104.7	105.7	106.48	105.42	105.46
Dibrugarh	Assam			1998-09-03	Falling 13.00	Steady 14/7/2019 18:00:00
Sarikosh	Dhubri	28.94	29.94	30.95	29.7	29.75
Golokganj	Assam			2007-09-08	Rising 12.00	Rising 14/7/2019 18:00:00
Desang	Sibsagar	93.46	94.46	96.49	93.55	93.55
Nanglamoraghat	Assam			1998-09-06	Falling 12.00	Falling 15/7/2019 00:00:00
Pagladiya	Nalbari	51.75	52.75	55.45	52.12	51.96
Pagladiya N T Road Crossing	Assam			2004-07-08	Steady 12.00	Falling 14/7/2019 18:00:00
Dikhow	Sibsagar	91.4	92.4	94.23	91.62	91.62
Sivasagar	Assam			2018-08-01	Falling 12.00	Falling 14/7/2019 15:00:00
Ghagra	Sivan	59.82	60.82	61.74	59.84	60.05
Darauli	Bihar			1998-08-29	Rising 12.00	Rising 15/7/2019 08:00:00
Burhi Gandak	Purba Champaran	62.2	63.2	67.09	62.56	62.94
Lalbeglughat	Bihar			1975-07-30	Rising 12.00	Rising 15/7/2019 06:00:00
Ghagra	Faizabad	91.73	92.73	94.01	92.19	92.27
Ayodhya	Uttar Pradesh			2009-10-11	Steady 12.00	Rising 15/7/2019 08:00:00
Ghagra	Bara Banki	105.07	106.07	107.616	105.78	105.7
Elginbridge	Uttar Pradesh			2014-08-16	Falling 12.00	Falling 15/7/2019 08:00:00
Gandak	Kushinagar *	95.0	96.0	97.5	95.16	95.14
Khadda	Uttar Pradesh			2002-07-23	Falling 13.00	Steady 14/7/2019 15:00:00

Ghagra	Ballia			66.0	63.63	63.95
		63.01	64.01			Rising
Turtipar	Uttar Pradesh			1998-08-28	Rising	15/7/2019
					12:00	08:00:00
Teesta	Jalpaiguri			89.3	85.75	85.8
		85.65	85.95			Falling
DOMOHANI	West Bengal			1968-10-04	Steady	14/7/2019
					12:00	14:00:00
Torsa	Koch Bihar			41.46	40.18	40.2
		39.8	40.41			Rising
Ghugumari	West Bengal			2000-08-03	Rising	14/7/2019
					12:00	14:00:00
Jaldhaka	Jalpaiguri			82.33	80.02	80.1
		80.0	80.9			Rising
Jaldhaka NH-31	West Bengal			1972-07-28	Steady	14/7/2019
					12:00	14:00:00
Teesta	Koch Bihar			66.45	65.46	65.6
		65.45	65.95			Rising
Mekhliganj	West Bengal			1996-07-13	Falling	14/7/2019
					12:00	14:00:00
Raidak-I	Koch Bihar			36.5	34.89	35.1
		34.22	35.3			Rising
Tutanganj	West Bengal			2017-08-12	Rising	14/7/2019
					12:00	16:00:00

2.1.4 Reservoir

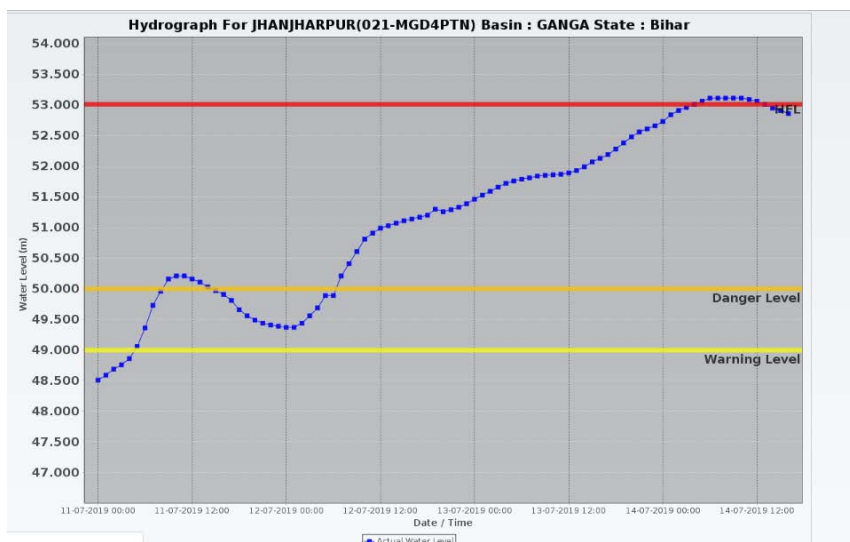
Reservoir/Barrage receiving Inflow more than the Threshold limit												
Name of River	Flood Forecasting Site	District	State	FRL (m)	MWL (m)	Actual Level			Forecast			
						Level (m)	Time	Trend	Average Inflow (Cumec)	Trend	Date	Time
Krishna	Hipparagi Barrage	Bijapur	Karnataka	531.4	531.4	521.6012	08:00	Rising	2500.0	Falling	15/7/2019	08:00:00
Tungabhadra	Singatalur Barrage	Gadag	Karnataka	507.0		506.8	08:00	Steady	425.0	Falling	14/7/2019	20:00:00
Krishna	Almati Dam	Bijapur	Karnataka	519.6	519.6	517.32	09:00	Rising	3000.0	Falling	15/7/2019	08:00:00
Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	485.0953	08:00	Rising	450.0	Falling	14/7/2019	20:00:00
Tunga	Upper Tunga Project	Shimoga	Karnataka	588.24	588.24	588.2396	08:00	Steady	135.0	Falling	15/7/2019	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 Assam and Meghalaya, Sub-Himalayan West Bengal & Sikkim between 15th and 16th July. Heavy to very heavy rainfall over Uttarakhand, Bihar, Punjab, Haryana & Chandigarh and Arunachal Pradesh between 15th and 16th July 2019, There will be general reduction in rainfall from 16th July onwards in these flood affected areas. Due to this warning, there is likelihood of flood situation improving in many of the flood affected States.

2.2.1 Extreme Flood Situation

River Kamla Balan at Jhanjharpur In Madhubani District of Bihar flowed in Extreme Flood Situation on 14th July 2019. It has since receded to Severe Flood Situation from 1400 hrs on 14th July 2019 and is in falling trend. Hydrograph of the Station is as shown below:



Most of the Rivers in Brahmaputra & Baraka Basin are flowing in Severe Flood Situation in Arunachal Pradesh, Assam, Sub-Himalayan West Bengal. Tributaries of Brahmaputra have started falling and main river Brahmaputra is still rising from Tezpur to Dhubri,.The situation is likely to continue for another 2-3 days and then slowly recede as the rainfall activity reduces.

Rivers Bagmati, Adhwara Group, Kamla Balan, Kosi and Mahananda are also flowing in Severe Flood Situation in association with the rainfall occurring in the Catchment areas of the rivers in India as well as in their source regions in Nepal. Severe Flood Situation is likely to continue for another 2-3days and then slowly recede as rainfall activity reduces.

Map showing Flood Situation on 14.07.2019



Flood Affected Districts include:

- Bihar:** Araria, Sitamarhi, Gopalganj, Kishanganj, Purnia, Madhubani, Katihar, Muzaffarpur.
- Assam:** Dibrugarh, Lakhimpur, Jorhat, Golaghat, Sonitpur, Nagaon, Morigaon, Kamrup, Barpeta, Goalpara, Dhubri, Cachar, Hailakhandi, Karimganj
- Arunachal Pradesh:** East Siang
- West Bengal & Sikkim** Jalpaiguri, Coochbehar, Maldah
- Uttar Pradesh:** Barabanki, Faizabad, Balrampur, Kushalnagar, Ballia, Budaun