



Central Water Commission
Daily Flood Situation Report cum Advisories
13-07-2019

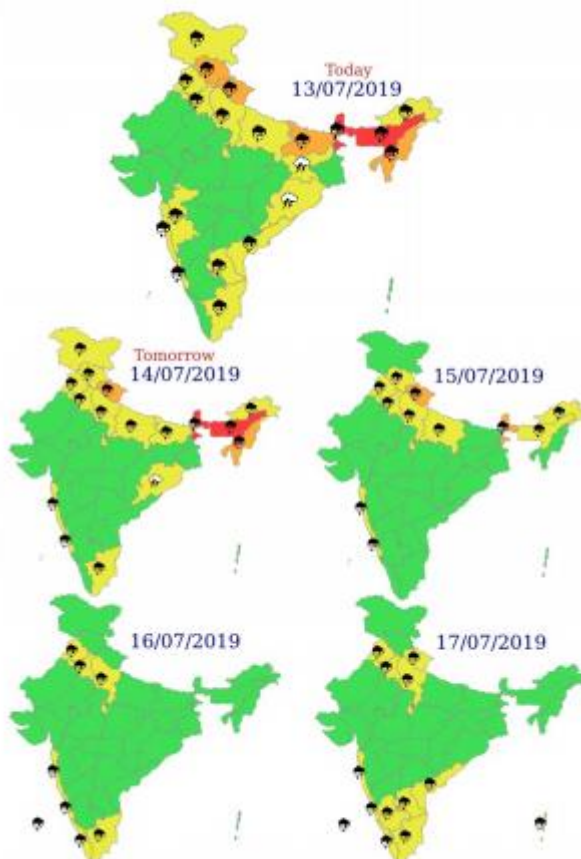
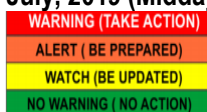
1.0 IMD information

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)
Sonebarsa (Bihar)	25
Jainagar (Bihar)	23
Coochbehar (West Bengal)	20
Dheng Bridge (Bihar), Birdghat (Uttar Pradesh)	17 each
Bahalpur (Assam), Khliehriat (Meghalaya)	16 each
Sohra (Meghalaya), Jalpaiguri (West Bengal) Chamoli (Uttarakhand), Chandradeepghat (Uttar Pradesh)	15 each
Domohani (West Bengal), Dumariaganj (Uttar Pradesh)	14 each
Alipurduar (West Bengal), Sabroom (Tripura) Bansgaon (Uttar Pradesh) and Darchula (Uttarakhand)	13 each
Gossaigaon & Bongaigaon (Assam), Passighat (Arunachal Pradesh), Mathabanga, Neora (West Bengal), Gorakhpur (Uttar Pradesh)	12 each
Kokrajhar (Assam), Falakata (West Bengal), Koyna (Maharashtra), Panjim & Marmagua (Goa), Thirukoilur and Gingee (Tamilnadu)	11 each
Kumargram (Tripura), Galgalia, Chatia and Taibpur (Bihar), Gazaldoba & NH 31 (West Bengal), Ananadpur Sahib (Punjab), Ghosi, Muklishpur (Uttar Pradesh), Polur (Tamilnadu)	10 each
Manas N H Crossing (Assam), Chepan, Barabisa, & Bagdogra (West Bengal), Canacona & Dabolim (Goa), Regauli, Basti, Bhinga, Khalilabad & Muhammabad (Uttar Pradesh), Barur (Tamilnadu)	9 each

1.1.2 Rainfall forecast for next 5 days issued on 13th 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

FLOOD SITUATION SUMMARY		
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))	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)		49
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)		4

2.1.2 Severe Flood Situation

[Site (s) where water level is equalled or exceeded Danger Level but below Highest Flood Level (HFL)]						
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	47.59	47.7
Araria	Bihar			2017-08-14	Rising 14:00	Rising 13/7/2019 20:00:00
Bagmati	Sitamarhi	69.1	70.1	73.0	72.86	73.1
Dheng Bridge	Bihar			2017-08-13	Rising 14:00	Rising 14/7/2019 06:00:00
Gandak	Gopalganj	61.22	62.22	64.1	62.34	62.55
Dumafisghat	Bihar			2017-08-17	Steady 14:00	Rising 14/7/2019 06:00:00
Adhwara	Sitamarhi	80.85	81.85	83.0	82.95	82.8
Sorbarsa	Bihar				Falling 12:00	Falling 14/7/2019 06:00:00
Mahananda	Kishanganj	65.0	66.0	67.22	66.14	66.35
Talpur	Bihar				Rising 14:00	Rising 13/7/2019 20:00:00
Siang	East Siang	152.96	153.96	157.54	154.0	
Passighat	Arunachal Pradesh			2000-06-11	Falling 15:00	
Barak	Cachar	18.83	19.83	21.84	20.17	20.12
Annapurnaghat	Assam			1989-08-01	Rising 14:00	Rising 13/7/2019 19:00:00
Barak	Cachar	15.85	16.85	18.48	17.29	
Bedarpurghat	Assam			2007-09-11		
Subansiri	Lakhimpur	81.53	82.53	86.21	82.95	82.9
Badatighat	Assam			1972-07-28	Steady 15:00	Falling 14/7/2019 00:00:00
Beki	Barpeta	44.1	45.1	46.2	45.36	45.35
Beki Road bridge	Assam			2000-08-04	Falling 14:00	Falling 13/7/2019 18:00:00
Buridehing	Dibrugarh	101.11	102.11	104.16	102.86	102.77
Chenimari (Khowang)	Assam			2015-09-02	Steady 15:00	Falling 14/7/2019 06:00:00
Kopli	Marigaon	55.0	56.0	58.09	56.13	56.1
Dharamtul	Assam			2004-07-21		Steady 13/7/2019 21:00:00
Brahmaputra	Dhubri	27.62	28.62	30.36	29.36	29.48
Dhubri	Assam			1988-08-28	Rising 14:00	Rising 13/7/2019 21:00:00
Brahmaputra	Goalpara	35.27	36.27	37.43	36.58	36.55
Goalpara	Assam			1954-07-31	Steady 14:00	Rising 14/7/2019 06:00:00

Brahmaputra	Kamrup	48.68	49.68	51.46	49.97	50.08
Guwahati(D. C. Court)	Assam			2004-07-21	Rising 14.00	14/7/2019 06:00:00
Kopli	Nagaon	59.5	60.5	61.79	61.21	60.85
Kampur	Assam			2004-07-20	Steady 14.00	14/7/2019 09:00:00
Kushiyara	Karimganj	13.94	14.94	16.57	16.03	16.15
Karimganj	Assam			2010-06-10	Rising 14.00	13/7/2019 16:00:00
Katakhal	Hailakandi	19.27	20.27	22.73	21.87	21.85
Maltzuri	Assam			2007-09-10	Rising 14.00	13/7/2019 16:00:00
Jabharali	Sonitpur	76.0	77.0	78.5	77.78	
NT Road Crossing Jia-Bharali	Assam			2007-07-26	Falling 14.00	
Brahmaputra	Jorhat	84.04	85.04	87.37	87.08	87.2
Neamatighat	Assam			1991-07-11	Rising 15.00	14/7/2019 09:00:00
Dhansiri (South)	Golaghat	76.42	77.42	80.16	78.5	78.46
Numaligarh	Assam			2018-08-03	Rising 15.00	13/7/2019 16:00:00
Puthimari	Kamrup	50.81	51.81	55.08	54.18	54.0
Puthimari NH Rd Xing	Assam			2008-06-31	Falling 14.00	13/7/2019 19:00:00
Brahmaputra	Sonitpur	64.23	65.23	66.59	66.08	66.24
Tezpur	Assam			1988-08-27	Rising 14.00	14/7/2019 09:00:00
Bagmati	Muzaffarpur	47.68	48.68	50.01	48.9	49.0
Benibad	Bihar			2004-07-12	Steady 14.00	14/7/2019 06:00:00
Mahananda	Purnia	34.65	35.65	38.2	36.81	37.0
Dhengrahat	Bihar			2017-08-14	Rising 14.00	14/7/2019 06:00:00
Kamta	Madhubani	66.75	67.75	71.35	69.9	70.0
Jainagar	Bihar				Steady 14.00	13/7/2019 16:00:00
Kamalabalan	Madhubani	49.0	50.0	53.01	51.99	52.1
Jhanjharpur	Bihar			2004-07-10	Rising 14.00	13/7/2019 16:00:00
Mahananda	Kathar	30.4	31.4	34.07	31.54	32.0
Jhawa	Bihar			2017-08-14	Rising 14.00	13/7/2019 22:00:00
Bagmati	Sitamarhi	52.73	53.73	58.15	56.59	56.7
Runisaidpur	Bihar			2017-08-14	Rising 14.00	14/7/2019 06:00:00

2.1.3 Above Normal

Site (s) where water level is equalled or exceeded Warning Level but Less than Danger Level						
River	District	Warning Level (m)	Danger Level (m)	Highest Flood Level (m)	Actual level	Forecasted Level
				Date	Trend	Trend
Station	State				Time	Date
Ganga	Budaun	161.0	162.0	162.79	161.02	161.09
Kachhiabridge	Uttar Pradesh			2010-09-24	Steady 14.00	14/7/2019 00:00:00
Gaurang	Kokrajhar	41.85	42.85	43.6	42.32	42.5
Kokrajhar	Assam			2015-08-20	Rising 14.00	13/7/2019 16:00:00
Brahmaputra	Dibrugarh	104.7	105.7	106.48	105.49	105.62
Dibrugarh	Assam			1998-09-03	Falling 15.00	13/7/2019 16:00:00
Sankosh	Dhubri	28.94	29.94	30.95	29.91	29.98
Golokganj	Assam			2007-09-08	Steady 14.00	13/7/2019 16:00:00
Desang	Sibsagar	93.46	94.46	96.49	93.94	93.65
Nanglamoraghat	Assam			1998-09-06	Falling 15.00	14/7/2019 00:00:00
Pagladiya	Nalbari	51.75	52.75	55.45	52.34	52.16
Pagladiya N T Road Crossing	Assam			2004-07-08	Steady 14.00	13/7/2019 16:00:00

Ranganadi	Lakhimpur	93.81	94.81	95.92	93.9	
Ranganadi NT Road crossing	Assam			1979-07-02	Steady 15:00	
Dikhow	Sibsagar	91.4	92.4	94.23	91.74	
Sivasagar	Assam			2018-08-01	Falling 15:00	
Kosi	Khangaria	32.85	33.85	36.4	33.8	34.28
Baltara	Bihar			1987-08-15	Rising 14:00	14/7/2019 06:00:00
Kosi	Supaul *	46.75	47.75	49.24	47.18	47.46
Basua	Bihar			2017-08-13	Rising 14:00	14/7/2019 22:00:00
Ghagra	Faizabad	91.73	92.73	94.01	91.98	92.1
Ayodhya	Uttar Pradesh			2009-10-11	Rising 13:00	14/7/2019 08:00:00
Rapti	Balrampur *	103.62	104.62	105.54	103.97	103.9
Balrampur	Uttar Pradesh			2017-08-15	Falling 13:00	14/7/2019 08:00:00
Ghagra	Bara Banki	105.07	106.07	107.616	105.88	105.9
Elginbridge	Uttar Pradesh			2014-08-16	Steady 13:00	14/7/2019 08:00:00
Gandak	Kushinagar *	95.0	96.0	97.5	95.68	
Khadda	Uttar Pradesh			2002-07-23	Rising 14:00	
Ghagra	Ballia	63.01	64.01	66.0	63.24	63.6
Turtipar	Uttar Pradesh			1998-08-28	Rising 13:00	14/7/2019 08:00:00
Teesta	Jalpaiguri	85.65	85.95	89.3	85.83	85.68
DOMOHANI	West Bengal			1968-10-04	Falling 14:00	13/7/2019 22:00:00
Torsa	Koch Bihar	39.8	40.41	41.46	39.9	39.7
Ghugumari	West Bengal			2000-08-03	Falling 14:00	Falling 13/7/2019 22:00:00
Jaldhaka	Jalpaiguri	80.0	80.9	82.33	80.0	80.0
Jaldhaka NH-31	West Bengal			1972-07-28	Steady 14:00	13/7/2019 16:00:00
Teesta	Koch Bihar	65.45	65.95	66.45	65.53	65.38
Mekhiganj	West Bengal			1996-07-13	Falling 14:00	Falling 13/7/2019 20:00:00
Raidak-I	Koch Bihar	34.22	35.3	36.5	34.72	34.75
Tufanganj	West Bengal			2017-08-12	Rising 14:00	13/7/2019 18:00:00
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
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
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
Annappurnaghat	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	Marigaon	55.0	56.0	58.09	55.9	55.95
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
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
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
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
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	32.85	33.85	36.4	33.5	33.58
Baltara	Bihar			1987-08-15	Rising 14:00	13/7/2019 06:00:00
Kosi	Supaul *	46.75	47.75	49.24	46.83	
Basua	Bihar			2017-08-13	Rising 14:00	
Bagmati	Muzaffarpur	47.68	48.68	50.01	48.61	49.0
Benibad	Bihar			2004-07-12	Rising 14:00	13/7/2019 06:00:00
Mahananda	Katihar	30.4	31.4	34.07	30.93	
Jhawa	Bihar			2017-08-14	Steady 14:00	
Rapti	Balrampur *	103.62	104.62	105.54	104.51	104.3
Balrampur	Uttar Pradesh			2017-08-15	Falling 15:00	13/7/2019 08:00:00
Ghagra	Bara Banki	105.07	106.07	107.616	105.55	106.0
Elginbridge	Uttar Pradesh			2014-08-16	Steady 15:00	13/7/2019 08:00:00
Torsa	Koch Bihar	39.8	40.41	41.46	39.86	40.08
Ghugumari	West Bengal			2000-08-03	Rising 15:00	12/7/2019 22:00:00
Jaldhaka	Jalpaiguri	80.0	80.9	82.33	80.09	80.0
Jaldhaka NH-31	West Bengal			1972-07-28	Steady 15:00	12/7/2019 21:00:00
Teesta	Koch Bihar	65.45	65.95	66.45	65.7	65.75
Mekhliganj	West Bengal			1996-07-13	Rising 15:00	12/7/2019 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)	MNL (m)	Actual Level			Forecast				
						Level (m)	Time	Trend	Average Inflow (Cumec)	Trend	Date	Time	
Krishna	Hpperagi Barrage	Bijapur	Karnataka	531.4	531.4	521.5006	08.00	Rising	2900.0	Steady	14/7/2019	08:00:00	
Tungbhadra	Singatur Barrage	Gadag	Karnataka	507.0		506.8	08.00	Steady	500.0	Steady	13/7/2019	20:00:00	
Krishna	Almati Dam	Bijapur	Karnataka	519.6	519.6	516.84	12:00	Rising	3300.0	Steady	14/7/2019	08:00:00	
Tungbhadra	Tungbhadra Dam	Bellary	Karnataka	497.74	497.74	484.62283	14:00	Rising	650.0	Steady	13/7/2019	20:00:00	

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, Arunachal Pradesh, Sub-Himalayan West Bengal & Sikkim between 14th and 15th July. Heavy to very heavy rainfall over Uttarakhand, between 14th and 16th July 2019, in Bihar on 14th July 2019, in Himachal

Pradesh on 14th 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 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:

Most of the Rivers in Brahmaputra & Baraka Basin are flowing in Severe Flood Situation in Arunachal Pradesh, Assam, Sub-Himalayan West Bengal. **Severe to Extreme Floods in main Brahmaputra and its tributaries such as Siang, Lohit, Dikhow, Buridehing, Desang, Subansiri, Jia- Bharali, Dhansiri (South & North), Kopili, Puthimari, Pagladiya, Beki, Manas, Aie, Champamati, Gaurang, Sankosh, Torsa, Raidak, Teesta, Jaldhaka is likely to continue for another 3-4 dys and then slowly recede as the rainfall activity reduces.**

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 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 |