



Central Water Commission

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Government of India
Central Water Commission
Flood Forecast Monitoring Directorate
Central Flood Control Room

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Date: 18/07/2023

Bulletin No: 79

FLOOD SITUATION SUMMARY

PART - I: LEVEL FORECAST		(Total Sites - 199)		
S.No.	Flood Situations		State-wise Flood Situation	Numbers of Forecasting Sites
A	Extreme Flood Situation: (Site (s) where the previous Highest Flood Level (HFL) is exceeded or equalled)		Uttar Pradesh(1)	1
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))		Assam(7), Bihar(1), Delhi(1), Uttar Pradesh(1)	10
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)		Assam(6), Bihar(6), Uttar Pradesh(8), Uttarakhand(1), West Bengal(2)	23
Total number of sites above Warning Level (A+B+C)				34
PART - II: INFLOW FORECAST		(Total Sites - 134)		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)			Karnataka(1), Odisha(2), Tamil Nadu(2), Telangana(2), Uttar Pradesh(3), Uttarakhand(1)	11

URL FOR FLOOD FORECASTING WEBSITE: <https://ffs.india-water.gov.in/>

Name: _____ Duty Officer

URL FOR FIVE DAYS ADVISORY FLOOD FORECAST (AFF): <https://aff.india-water.gov.in/>

Designation: _____ Central Flood Control Room



PART-I: DAILY WATER LEVELS AND FORECASTS FOR LEVEL FORECAST SITES

A: Extreme Flood Situations :

Sites where the previous Highest Flood Level (HFL) is equalled or exceeded

S. No.	River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual Level	Forecasted Level
	Station	State			Date (dd-mm-yyyy)	Trend	Trend
						Trend Magnitude (mm/hr)	Date (dd-mm-yyyy)
						Time	Time
1	Ganga	BUDAUN	161.0	162.0	162.79	162.87	162.89
	Kachhlabridge	Uttar Pradesh			24-09-2010	Steady	Steady
						0.0	19-07-2023
						14:00	08:00:00



PART-I: DAILY WATER LEVELS AND FORECASTS FOR LEVEL FORECAST SITES

B: Severe Flood Situations :

(Site (s) where water level is equalled or exceeded Danger Level but below Highest Flood Level (HFL))

S. No.	River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual Level	Forecasted Level
	Station	State			Date (dd-mm-yyyy)	Trend	Trend
						Trend Magnitude (mm/hr)	Date (dd-mm-yyyy)
						Time	Time
1	Beki	BARPETA	44.1	45.1	46.2	45.14	45.08
	Beki Road bridge	Assam			04-08-2000	Falling	Rising
						-10.0	18-07-2023
						13:00	18:00:00
2	Buridehing	DIBRUGARH	101.11	102.11	104.16	102.35	102.42
	Chenimari (Khowang)	Assam			02-09-2015	Rising	Falling
						10.0	18-07-2023
						12:00	18:00:00
3	Brahmaputra	DHUBRI	27.62	28.62	30.37	29.06	29.04
	Dhubri	Assam			17-07-2019	Steady	Steady
						0.0	18-07-2023
						13:00	18:00:00
4	Desang	SIVSAGAR	93.46	94.46	96.49	95.01	94.7
	Nanglamoraghat	Assam			06-09-1998	Steady	Falling
						0.0	19-07-2023
						13:00	00:00:00
5	Brahmaputra	JORHAT	84.54	85.54	87.37	86.14	86.15
	Neamatighat	Assam			11-07-1991	Falling	Steady
						-10.0	18-07-2023
						13:00	18:00:00
6	Dikhow	SIVSAGAR	91.4	92.4	94.24	92.78	92.62
	Sivasagar	Assam			22-06-2020	Falling	Falling
						-90.0	18-07-2023
						13:00	15:00:00

S. No.	River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual Level	Forecasted Level
						Trend	Trend
	Station	State			Date (dd-mm-yyyy)	Trend Magnitude (mm/hr)	Date (dd-mm-yyyy)
						Time	Time
7	Brahmaputra	SONITPUR	64.23	65.23	66.59	65.53	65.55
	Tezpur	Assam			27-08-1988	Steady	Steady
						0.0	18-07-2023
						13:00	18:00:00
8	Parman	ARARIA	46.0	47.0	49.4	47.61	47.5
	Araria	Bihar			14-08-2017	Falling	Falling
						-10.0	18-07-2023
						13:00	20:00:00
9	Yamuna	NORTH	204.5	205.33	207.49	205.49	205.41
	Delhi Railway Bridge	Delhi			06-09-1978	Falling	Falling
						-39.99	18-07-2023
						13:00	19:00:00
10	Yamuna	MATHURA	165.2	166.0	169.73	167.06	167.0
	Mathura (Prayag ghat)	Uttar Pradesh			08-09-1978	Steady	Falling
						0.0	18-07-2023
						14:00	19:00:00



PART-I: DAILY WATER LEVELS AND FORECASTS FOR LEVEL FORECAST SITES

C: Above Normal Flood Situations :

Site (s) where water level is equalled or exceeded Warning Level but Less than Danger Level

S. No.	River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual Level	Forecasted Level
	Station	State			Date (dd-mm-yyyy)	Trend	Trend
						Trend Magnitude (mm/hr)	Date (dd-mm-yyyy)
						Time	Time
1	Subansiri	LAKHIMPUR	81.53	82.53	86.21	82.3	82.18
	Badatighat	Assam			28-07-1972	Steady	Falling
						0.0	19-07-2023
						13:00	00:00:00
2	Brahmaputra	DIBRUGARH	104.7	105.7	106.48	105.17	105.12
	Dibrugarh	Assam			03-09-1998	Falling	Falling
						-10.0	18-07-2023
						13:00	21:00:00
3	Brahmaputra	GOALPARA	35.27	36.27	37.43	35.9	35.8
	Goalpara	Assam			31-07-1954	Falling	Falling
						-10.0	19-07-2023
						13:00	06:00:00
4	Sankosh	DHUBRI	28.94	29.94	30.95	29.08	29.15
	Golokganj	Assam			08-09-2007	Falling	Falling
						-20.0	18-07-2023
						13:00	17:00:00
5	Brahmaputra	KAMRUP	48.68	49.68	51.46	49.16	49.05
	Guwahati(D.C.Court)	Assam			21-07-2004	Falling	Falling
						-10.0	19-07-2023
						13:00	06:00:00
6	Jiabharali	SONITPUR	77.0	78.0	78.5	77.42	77.4
	NT Road Crossing Jia-Bharali	Assam			26-07-2007	Falling	Falling
						-40.0	18-07-2023
						13:00	15:00:00

S. No.	River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual Level	Forecasted Level
						Trend	Trend
	Station	State			Date (dd-mm-yyyy)	Trend Magnitude (mm/hr)	Date (dd-mm-yyyy)
						Time	Time
7	Kosi	KHAGARIA	32.85	33.85	36.4	33.31	33.18
	Baltara	Bihar			15-08-1987	Falling	Falling
						-10.0	19-07-2023
						13:00	06:00:00
8	Kosi	SUPAUL	46.75	47.75	49.24	47.04	47.01
	Basua	Bihar			13-08-2017	Rising	Falling
						10.0	18-07-2023
						13:00	22:00:00
9	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	47.79	47.5
	Benibad	Bihar			12-07-2004	Falling	Falling
						-20.0	19-07-2023
						13:00	06:00:00
10	Mahananda	PURNIA	34.65	35.65	38.2	35.55	35.2
	Dhengraghat	Bihar			14-08-2017	Falling	Falling
						-20.0	19-07-2023
						13:00	06:00:00
11	Gandak	GOPALGANJ	61.22	62.22	64.36	61.7	61.75
	Dumariaghat	Bihar			24-07-2020	Falling	Steady
						-10.0	19-07-2023
						13:00	06:00:00
12	Mahananda	KATIHAR	30.4	31.4	34.07	31.26	31.1
	Jhawa	Bihar			14-08-2017	Falling	Falling
						-20.0	18-07-2023
						13:00	22:00:00
13	Yamuna	AGRA	151.4	152.4	154.76	151.97	151.85
	AGRA (J.B.)	Uttar Pradesh			09-09-1978	Rising	Falling
						9.99	19-07-2023
						13:00	12:00:00
14	Ganga	KANPUR NAGAR	123.0	124.0	124.49	123.06	123.1
	Ankinghat	Uttar Pradesh			28-09-2010	Steady	Rising
						0.0	19-07-2023
						13:00	08:00:00

S. No.	River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual Level	Forecasted Level
						Trend	Trend
	Station	State			Date (dd-mm-yyyy)	Trend Magnitude (mm/hr)	Date (dd-mm-yyyy)
						Time	Time
15	Ramganga	Shahjhanpur	136.3	137.3	139.695	136.41	136.38
	Dabri	Uttar Pradesh			28-09-1983	Falling	Falling
						-9.99	19-07-2023
						14:00	08:00:00
16	Ghagra	BARABANKI	105.07	106.07	107.616	105.236	105.206
	Elginbridge	Uttar Pradesh			18-08-2014	Rising	Steady
						10.0	19-07-2023
						13:00	08:00:00
17	Ganga	FARRUKHABAD	136.6	137.6	138.14	137.48	137.49
	Fatehgarh	Uttar Pradesh			26-09-2010	Steady	Steady
						0.0	19-07-2023
						14:00	08:00:00
18	Ganga	Hapur	198.33	199.33	199.9	198.66	198.69
	Garhmukteshwar	Uttar Pradesh			23-09-2010	Falling	Steady
						-9.99	19-07-2023
						13:00	08:00:00
19	Gandak	KUSHINAGAR	95.0	96.0	97.5	95.05	95.05
	Khadda	Uttar Pradesh			23-07-2002	Steady	Steady
						0.0	18-07-2023
						13:00	15:00:00
20	Ramganga	MORADABAD	189.6	190.6	192.88	189.78	189.6
	Moradabad	Uttar Pradesh			21-09-2010	Falling	Falling
						-30.0	18-07-2023
						13:00	20:00:00
21	Ganga	Haridwar	293.0	294.0	296.3	293.02	-
	Haridwar (Dudhia Band)	Uttarakhand			19-09-2010	Rising	-
						690.0	-
						13:00	-
22	Teesta	JALPAIGURI	85.65	85.95	89.3	85.81	85.72
	DOMOHANI	West Bengal			04-10-1968	Steady	Rising
						0.0	18-07-2023
						13:00	16:00:00

S. No.	River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual Level	Forecasted Level
						Trend	Trend
	Station	State			Date (dd-mm-yyyy)	Trend Magnitude (mm/hr)	Date (dd-mm-yyyy)
						Time	Time
23	Teesta	KOCHBIHAR	65.45	65.95	66.62	65.56	65.69
	Mekhliganj (R/B)	West Bengal			20-10-2021	Rising	Rising
						9.99	18-07-2023
						13:00	17:00:00



PART-II: DAILY WATER LEVELS AND INFLOW FORECASTS FOR INFLOW FORECASTING SITES (RESERVOIRS)

2A: Reservoirs / Barrage Inflow Forecast:

Reservoir/Barrage receiving Inflow more than the Threshold limit

S. No.	Name of River	Flood Forecasting Site	District	State	FRL (m)	MWL (m)	Actual Level			Forecast		
							Level (m)	Time	Trend	Average Inflow (Cumec)	Trend	Date and Time
1	Tunga	Upper Tunga Prjct	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	330.0	Steady	19-07-2023 12:00:00
2	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		185.23	12:00	Rising	2500.0	Rising	19-07-2023 09:00:00
3	Brahmani	Rengali Reservoir	ANUGUL	Odisha	123.5	125.4	112.55	12:00	Rising	1200.0	Falling	19-07-2023 10:00:00
4	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	230.0	Steady	19-07-2023 10:00:00
5	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.1	06:00	Steady	250.0	Steady	19-07-2023 10:00:00
6	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	98.0	06:00	Rising	6500.0	Rising	19-07-2023 06:00:00
7	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	80.0	06:00	Steady	8000.0	Rising	19-07-2023 06:00:00
8	Ganga	Ch. Charan Singh Madhya Ganga Barrage,	BIJNOR	Uttar Pradesh			219.6	13:00	Steady	3500.0	Steady	19-07-2023 08:00:00
9	Ghagra	Katerniaghat Barrage	BAHRAICH	Uttar Pradesh	136.8	138.0	137.9	13:00	Steady	4200.0	Rising	19-07-2023 08:00:00

S. No.	Name of River	Flood Forecasting Site	District	State	FRL (m)	MWL (m)	Actual Level			Forecast		
							Level (m)	Time	Trend	Average Inflow (Cumec)	Trend	Date and Time
10	Ganga	NARORA Barrage	Buland Shahar	Uttar Pradesh	179.07	180.61	179.07	13:00	Steady	5500.0	Steady	19-07-2023 08:00:00
11	Sarda	Banbasa Barrage	Champawat	Uttarakhand	222.96	223.3	222.7	13:00	Steady	4100.0	Falling	18-07-2023 21:00:00