



Central Water Commission

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

Date:	31/08/2022
Bulletin No:	123

West Block 2, Ground Floor
Wing No 7, R.K. Puram Sector -1,
New Delhi-110066

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))	21
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	17
Total number of sites above Warning Level (A+B+C)		38
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)		28

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

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

Name: _____ Duty Officer
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

No station is flowing in Extreme Flood Situation



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	Kosi	KHAGARIA	32.85	33.85	36.4	34.17	33.87
	Baltara	Bihar			15-08-1987	Steady	Falling
						0.0	01-09-2022
						14:00	06:00:00
2	Kosi	SUPAUL	46.75	47.75	49.24	48.32	48.46
	Basua	Bihar			13-08-2017	Steady	Rising
						0.0	31-08-2022
						14:00	22:00:00
3	Ganga	BHAGALPUR	32.68	33.68	34.86	33.72	33.81
	Bhagalpur	Bihar			18-08-2021	Steady	Rising
						0.0	01-09-2022
						14:00	16:00:00
4	Ganga	BUXAR	59.32	60.32	62.09	60.69	60.54
	Buxar	Bihar			01-08-1948	Steady	Falling
						0.0	01-09-2022
						14:00	12:00:00
5	Ganga	PATNA	49.45	50.45	52.52	50.67	50.63
	Dighaghat	Bihar			23-08-1975	Rising	Steady
						10.0	01-09-2022
						14:00	08:00:00
6	Ganga	PATNA	47.6	48.6	50.52	49.57	49.55
	Gandhighat	Bihar			21-08-2016	Steady	Steady
						0.0	01-09-2022
						14:00	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
7	Ganga	PATNA	40.76	41.76	43.52	42.6	42.62
	Hathidah	Bihar			16-08-2021	Rising	Rising
						10.0	01-09-2022
						14:00	08:00:00
8	Kamalabalan	MADHUBANI	49.0	50.0	53.11	50.1	50.0
	Jhanjharpur	Bihar			14-07-2019	Rising	Steady
						50.0	31-08-2022
						14:00	16:00:00
9	Ganga	BHAGALPUR	30.09	31.09	32.87	31.83	31.95
	Kahalgaon	Bihar			17-09-2003	Rising	Rising
						10.0	01-09-2022
						14:00	22:00:00
10	Burhi Gandak	KHAGARIA	35.58	36.58	39.22	37.48	37.53
	Khagaria	Bihar			16-08-1976	Steady	Rising
						0.0	01-09-2022
						14:00	06:00:00
11	Kosi	KATIHAR	29.0	30.0	32.1	30.78	30.85
	Kursela	Bihar			07-09-1982	Steady	Steady
						0.0	01-09-2022
						14:00	06:00:00
12	Sone	PATNA	51.0	52.0	53.79	52.59	52.59
	Maner	Bihar			10-09-1976	Steady	Steady
						0.0	01-09-2022
						14:00	08:00:00
13	Ganga	Sahebganj	26.25	27.25	30.91	27.83	27.95
	Sahibganj	Jharkhand			20-08-1998	Steady	Rising
						0.0	01-09-2022
						14:00	06:00:00
14	Cauvery	Erode	125.5	126.5	128.14	127.69	127.6
	KODUMUDI	Tamil Nadu			17-08-2018	Steady	Steady
						0.0	31-08-2022
						14:00	21:00:00

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
15	Cauvery	Tiruchirappalli	82.115	83.115	86.98	83.88	84.0
	MUSIRI	Tamil Nadu			25-11-2005	Rising	Rising
						50.0	31-08-2022
						14:00	21:00:00
16	Ganga	BALLIA	56.615	57.615	60.39	59.76	59.74
	BALLIA	Uttar Pradesh			25-08-2016	Steady	Falling
						0.0	31-08-2022
						14:00	16:00:00
17	Ghagra	BARABANKI	105.07	106.07	107.616	106.076	106.0
	Elginbridge	Uttar Pradesh			18-08-2014	Falling	Falling
						-10.0	01-09-2022
						14:00	08:00:00
18	Ganga	GHAZIPUR	62.105	63.105	65.22	64.39	64.37
	GHAZIPUR	Uttar Pradesh			09-09-1978	Steady	Falling
						0.0	31-08-2022
						14:00	16:00:00
19	Ganga	PRAYGRAJ	83.734	84.734	87.98	84.93	84.9
	PHAPHAMAU	Uttar Pradesh			08-09-1978	Falling	Falling
						-60.0	31-08-2022
						14:00	16:00:00
20	Ganga	VARANASI	70.262	71.262	73.901	71.86	71.85
	VARANASI	Uttar Pradesh			09-09-1978	Falling	Falling
						-20.0	31-08-2022
						14:00	16:00:00
21	Ganga	MURSHIDABAD	21.25	22.25	25.14	22.69	22.83
	Farakka(FF)	West Bengal			07-09-1998	Rising	Rising
						10.0	01-09-2022
						14:00	20:00:00



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	Tungabhadra	KURNOOL	310.0	312.0	318.77	310.91	311.0
	Mantralayam	Andhra Pradesh			02-10-2009	Rising	Steady
						10.01	31-08-2022
						14:00	18:00:00
2	Beki	BARPETA	44.1	45.1	46.2	44.28	44.28
	Beki Road bridge	Assam			04-08-2000	Steady	Rising
						0.0	31-08-2022
						14:00	20:00:00
3	Gaurang	KOKRAJHAR	41.85	42.85	43.6	42.0	42.25
	Kokrajhar	Assam			20-08-2015	Rising	Rising
						30.0	31-08-2022
						14:00	23:00:00
4	Jiabharali	SONITPUR	77.0	78.0	78.5	77.23	77.22
	NT Road Crossing Jia-Bharali	Assam			26-07-2007	Falling	Falling
						-30.0	31-08-2022
						14:00	15:00:00
5	Brahmaputra	JORHAT	84.54	85.54	87.37	84.76	84.8
	Neamatighat	Assam			11-07-1991	Rising	Steady
						10.0	31-08-2022
						14:00	18:00:00
6	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	48.52	48.52
	Benibad	Bihar			12-07-2004	Steady	Steady
						0.0	01-09-2022
						14:00	06:00:00

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	Gandak	GOPALGANJ	61.22	62.22	64.36	62.15	62.13
	Dumariaghat	Bihar			24-07-2020	Steady	Falling
						0.0	01-09-2022
						14:00	06:00:00
8	Gandak	VAISHALI	49.32	50.32	50.93	49.6	49.64
	Hajipur	Bihar			18-08-1948	Steady	Rising
						0.0	01-09-2022
						14:00	00:00:00
9	Kamla	MADHUBANI	66.75	67.75	71.35	67.72	67.8
	Jainagar	Bihar			01-08-1965	Falling	Steady
						-30.0	31-08-2022
						14:00	16:00:00
10	Ganga	MUNGER	38.33	39.33	40.99	38.91	39.04
	Munger	Bihar			19-09-1976	Rising	Rising
						10.0	01-09-2022
						14:00	08:00:00
11	Gandak	MUZAFFARPUR	53.41	54.41	55.46	53.77	53.6
	Rewaghat	Bihar			24-07-2020	Falling	Falling
						-10.0	01-09-2022
						14:00	04:00:00
12	Ganga	PRAYGRAJ	83.734	84.734	88.03	83.93	82.33
	Allahabad	Uttar Pradesh			08-09-1978	Falling	Falling
						-60.0	01-09-2022
						14:00	08:00:00
13	Ghagra	Ayodhya	91.73	92.73	94.01	92.51	92.62
	Ayodhya	Uttar Pradesh			11-10-2009	Steady	Rising
						0.0	01-09-2022
						14:00	08:00:00
14	Ganga	BUDAUN	161.0	162.0	162.79	161.95	161.95
	Kachhlabridge	Uttar Pradesh			24-09-2010	Rising	Rising
						20.0	01-09-2022
						14:00	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	Gandak	KUSHINAGAR	95.0	96.0	97.5	95.18	95.14
	Khadda	Uttar Pradesh			23-07-2002	Rising	Steady
						20.0	31-08-2022
						14:00	15:00:00
16	Ganga	MIRZAPUR	76.724	77.724	80.34	77.54	77.5
	MIRZAPUR	Uttar Pradesh			09-09-1978	Falling	Falling
						-40.0	31-08-2022
						14:00	16:00:00
17	Yamuna	PRAYGRAJ	83.74	84.73	87.99	84.64	83.73
	NAINI	Uttar Pradesh			08-09-1978	Falling	Falling
						-50.0	31-08-2022
						14:00	23:00:00



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	Trend Magnitude (mm/hr)	Average Inflow (Cumec)	Trend	Date and Time
1	Krishna	DR KLRS Pulichintala Dam	GUNTUR	Andhra Pradesh	53.34		51.709	08:00	Steady	0.0	900.0	Steady	31-08-2022 18:00:00
2	Lower Krishna	Prakasam Barrage	KRISHNA	Andhra Pradesh	17.39	18.3	17.39	14:00	Steady	0.0	1500.0	Steady	31-08-2022 18:00:00
3	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	269.748	14:00	Steady	0.0	4500.0	Steady	31-08-2022 18:00:00
4	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0		290.999	08:00	Steady	0.0	2800.0	Steady	31-08-2022 18:00:00
5	Narmada	Sardar Sarovar Project_Gujarat	Narmada	Gujarat			136.69	14:00	Rising	10.01	2083.0	Steady	31-08-2022 17:00:00
6	Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	126.54	12:00	Falling	-40.0	255.0	Rising	01-09-2022 06:00:00
7	Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	657.508	06:00	Rising	107.97	210.0	Steady	01-09-2022 12:00:00
8	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		890.61	06:00	Rising	99.98	250.0	Steady	01-09-2022 12:00:00
9	Kabini	Kabini Reservoir	Mysore	Karnataka	696.16		695.801	06:00	Falling	-178.96	360.0	Steady	01-09-2022 12:00:00

S. No.	Name of River	Flood Forecasting Site	District	State	FRL (m)	MWL (m)	Actual Level				Forecast		
							Level (m)	Time	Trend	Trend Magnitude (mm/hr)	Average Inflow (Cumec)	Trend	Date and Time
10	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		752.222	06:00	Steady	0.0	580.0	Steady	01-09-2022 12:00:00
11	Tungabhadra	Singatalur Barrage	Gadag	Karnataka	507.0		506.7	08:00	Steady	0.0	1700.0	Steady	31-08-2022 20:00:00
12	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.559	14:00	Rising	2.99	2400.0	Steady	31-08-2022 20:00:00
13	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	0.0	370.0	Steady	01-09-2022 12:00:00
14	Sone	Bansagar Dam	SHAHDOL	Madhya Pradesh	341.64	342.934	339.37	08:00	Rising	149.99	429.0	Falling	01-09-2022 08:00:00
15	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		190.31	12:00	Steady	0.0	1800.0	Rising	01-09-2022 09:00:00
16	Bhavani	Bhavani Sagar Dam	Erode	Tamil Nadu	278.892	280.42	279.502	08:00	Steady	0.0	260.0	Rising	01-09-2022 10:00:00
17	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	0.0	1200.0	Steady	01-09-2022 10:00:00
18	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	240.798	08:00	Steady	0.0	3200.0	Falling	01-09-2022 10:00:00
19	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.74	06:00	Rising	20.0	4000.0	Rising	01-09-2022 10:00:00
20	Vaigai	Vaigai Reservoir	Theni	Tamil Nadu	279.2		278.816	06:00	Rising	101.01	100.0	Rising	01-09-2022 10:00:00
21	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	90.9	09:00	Steady	0.0	3000.0	Steady	01-09-2022 06:00:00
22	Krishna	P.D. Jurala	MAHBUBNAGAR	Telangana	318.52		318.0	14:00	Rising	19.99	2200.0	Steady	31-08-2022 18:00:00
23	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	75.5	12:00	Steady	0.0	6000.0	Steady	01-09-2022 06:00:00

S. No.	Name of River	Flood Forecasting Site	District	State	FRL (m)	MWL (m)	Actual Level				Forecast		
							Level (m)	Time	Trend	Trend Magnitude (mm/hr)	Average Inflow (Cumec)	Trend	Date and Time
24	Ganga	Dharnanagari Barrage	BIJNOR	Uttar Pradesh			218.7	14:00	Steady	0.0	953.0	Falling	01-09-2022 08:00:00
25	Ghagra	Katerniaghat Barrage	BAHRAICH	Uttar Pradesh	136.8	138.0	137.7	09:00	Steady	0.0	3400.0	Falling	01-09-2022 08:00:00
26	Betwa	Matatila Reservoir	LALITPUR	Uttar Pradesh	308.46	310.04	308.21	08:00	Steady	0.0	1157.4	Steady	01-09-2022 08:00:00
27	Rihand	RIHAND DAM	SONBHADRA	Uttar Pradesh	265.18	264.44	258.9	08:00	Rising	30.0	211.0	Falling	01-09-2022 08:00:00
28	Damodar	Durgapur Barrage	BARDDHAMAN	West Bengal			64.465	12:00	Steady	0.0	544.0	Falling	01-09-2022 06:00:00