



Central Water Commission

Tele fax: 2610 6523
E-Mail: fmdte@nic.in

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

Date:	23/08/2022
Bulletin No:	115

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))	11
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	18
Total number of sites above Warning Level (A+B+C)		29
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)		43

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	SUPAUL	46.75	47.75	49.24	48.31	48.37
	Basua	Bihar			13-08-2017	Rising	Rising
						10.0	23-08-2022
						14:00	22:00:00
2	Ganga	PATNA	47.6	48.6	50.52	48.61	48.62
	Gandhighat	Bihar			21-08-2016	Steady	Falling
						0.0	24-08-2022
						14:00	08:00:00
3	Ganga	PATNA	40.76	41.76	43.52	41.83	41.84
	Hathidah	Bihar			16-08-2021	Steady	Steady
						0.0	24-08-2022
						14:00	08:00:00
4	Narmada	HOSHANGABAD	292.83	293.83	301.33	294.4	294.3
	Hoshangabad	Madhya Pradesh			27-08-1972	Steady	Falling
						0.0	23-08-2022
						14:00	19:00:00
5	Jalka	Baleshwar	5.5	5.5	7.31	6.38	6.3
	Mathani Road Bridge	Odisha			22-09-2021	Falling	Falling
						-20.0	23-08-2022
						14:00	18:00:00
6	Chambal	DHOLPUR	129.79	130.79	145.54	138.1	141.1
	DHOLPUR	Rajasthan			23-08-1996	Rising	Steady
						280.0	23-08-2022
						14:00	23:00:00

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	Chambal	KOTA	239.0	242.0	248.68	244.75	244.95
	Kota City	Rajasthan			16-09-2019	Rising	Rising
						300.0	23-08-2022
						14:00	17:00:00
8	Chambal	KARAULI	164.0	165.0	169.96	166.15	167.5
	Manderial	Rajasthan			23-08-1996	Rising	Rising
						159.99	23-08-2022
						14:00	19:00:00
9	Ganga	BALLIA	56.615	57.615	60.39	58.39	58.08
	BALLIA	Uttar Pradesh			25-08-2016	Falling	Falling
						-10.0	24-08-2022
						14:00	08:00:00
10	Ken	BANDA	103.0	104.0	113.29	105.09	105.46
	BANDA	Uttar Pradesh			07-07-2005	Rising	Steady
						60.0	23-08-2022
						14:00	20:00:00
11	Ganga	BUDAUN	161.0	162.0	162.79	162.72	162.85
	Kachhlabridge	Uttar Pradesh			24-09-2010	Steady	Rising
						0.0	24-08-2022
						14:00	08:00:00



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	Kosi	KHAGARIA	32.85	33.85	36.4	33.6	33.44
	Baltara	Bihar			15-08-1987	Falling	Falling
						-20.0	24-08-2022
						14:00	06:00:00
2	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	47.97	47.75
	Benibad	Bihar			12-07-2004	Falling	Falling
						-20.0	24-08-2022
						14:00	06:00:00
3	Ganga	BHAGALPUR	32.68	33.68	34.86	32.72	32.8
	Bhagalpur	Bihar			18-08-2021	Rising	Rising
						10.0	24-08-2022
						14:00	16:00:00
4	Ganga	BUXAR	59.32	60.32	62.09	59.37	59.2
	Buxar	Bihar			01-08-1948	Falling	Falling
						-20.0	24-08-2022
						14:00	12:00:00
5	Ganga	PATNA	49.45	50.45	52.52	49.75	49.76
	Dighaghat	Bihar			23-08-1975	Steady	Falling
						0.0	24-08-2022
						14:00	08:00:00
6	Gandak	GOPALGANJ	61.22	62.22	64.36	61.76	61.68
	Dumariaghat	Bihar			24-07-2020	Steady	Falling
						0.0	24-08-2022
						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	Ganga	BHAGALPUR	30.09	31.09	32.87	30.69	30.8
	Kahalgaoon	Bihar			17-09-2003	Rising	Rising
						10.0	23-08-2022
						14:00	22:00:00
8	Burhi Gandak	KHAGARIA	35.58	36.58	39.22	36.32	36.37
	Khagaria	Bihar			16-08-1976	Rising	Steady
						10.0	24-08-2022
						14:00	06:00:00
9	Kosi	KATIHAR	29.0	30.0	32.1	29.83	29.92
	Kursela	Bihar			07-09-1982	Rising	Steady
						10.0	24-08-2022
						14:00	06:00:00
10	Sone	PATNA	51.0	52.0	53.79	51.46	51.48
	Maner	Bihar			10-09-1976	Steady	Falling
						0.0	24-08-2022
						14:00	08:00:00
11	Ganga	Sahebganj	26.25	27.25	30.91	26.77	26.85
	Sahibganj	Jharkhand			20-08-1998	Rising	Rising
						10.0	24-08-2022
						14:00	06:00:00
12	Subarnarekha	Baleshwar	9.45	10.36	12.69	9.78	9.44
	Rajghat	Odisha			19-06-2008	Falling	Falling
						-50.0	23-08-2022
						14:00	18:00:00
13	Ghagra	Ayodhya	91.73	92.73	94.01	92.2	92.35
	Ayodhya	Uttar Pradesh			11-10-2009	Steady	Rising
						0.0	24-08-2022
						14:00	08:00:00
14	Ghagra	BARABANKI	105.07	106.07	107.616	105.716	105.646
	Elginbridge	Uttar Pradesh			18-08-2014	Falling	Falling
						-20.0	24-08-2022
						14:00	08:00:00

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	Ganga	FARRUKHABAD	136.6	137.6	138.14	137.01	137.2
	Fatehgarh	Uttar Pradesh			26-09-2010	Steady	Rising
						0.0	24-08-2022
						14:00	08:00:00
16	Ganga	GHAZIPUR	62.105	63.105	65.22	62.34	62.35
	GHAZIPUR	Uttar Pradesh			09-09-1978	Falling	Falling
						-30.0	24-08-2022
						14:00	08:00:00
17	Betwa	JALAUN	121.66	122.66	133.35	121.98	121.9
	MOHANA	Uttar Pradesh			11-09-1983	Rising	Falling
						10.0	23-08-2022
						14:00	22:00:00
18	Ganga	MURSHIDABAD	21.25	22.25	25.14	21.55	21.71
	Farakka(FF)	West Bengal			07-09-1998	Rising	Rising
						20.0	24-08-2022
						14:00	20:00:00



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	Godavari	Polavaram Irrigation Project	ELURU	Andhra Pradesh			20.487	08:00	Falling	-20.0	11500.0	Falling	23-08-2022 20:00:00
2	Lower Krishna	Prakasam Barrage	KRISHNA	Andhra Pradesh	17.39	18.3	17.39	14:00	Steady	0.0	2400.0	Falling	23-08-2022 18:00:00
3	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	269.565	14:00	Steady	0.0	3500.0	Falling	23-08-2022 18:00:00
4	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0		291.499	08:00	Steady	0.0	500.0	Rising	23-08-2022 18:00:00
5	Sabarmati	Dharoi Dam	Mahesana	Gujarat	189.59	192.24	188.68	10:00	Steady	0.0	648.0	Falling	23-08-2022 16:00:00
6	Mahi	Kadana Dam	Mahisagar	Gujarat	127.71	127.71	126.87	10:00	Falling	-30.0	2546.0	Falling	24-08-2022 10:00:00
7	Narmada	Sardar Sarovar Project_Gujarat	Narmada	Gujarat			135.83	14:00	Falling	-99.99	13194.0	Steady	24-08-2022 01:00:00
8	Tapi	Ukai Reservoir	Surat	Gujarat	105.156	105.539	102.3	14:00	Rising	3.01	995.0	Steady	24-08-2022 01:00:00
9	Subarnarekha	Galudih Barrage	PASHCHIMI SINGHBHUM	Jharkhand	94.5	101.25	92.1	08:00	Rising	600.0	1700.0	Falling	23-08-2022 20:00:00

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	Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	126.34	12:00	Rising	50.0	637.0	Falling	24-08-2022 06:00:00
11	Damodar	Tenughat Reservoir	BOKARO	Jharkhand	268.834	268.83	260.36	12:00	Falling	-30.03	185.0	Falling	24-08-2022 06:00:00
12	Krishna	Almatti Reservoir	Bagalkot	Karnataka	519.6	519.6	519.6	14:00	Steady	0.0	1700.0	Falling	23-08-2022 20:00:00
13	Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	657.35	06:00	Rising	100.95	350.0	Steady	24-08-2022 12:00:00
14	Harangi	Harangi Reservoir	Kodagu	Karnataka	871.42		871.146	06:00	Rising	91.98	230.0	Steady	24-08-2022 12:00:00
15	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		890.6	06:00	Rising	5.0	250.0	Steady	24-08-2022 12:00:00
16	Ghatprabha	Hidkal Reservoir	Belgaum	Karnataka	662.94	662.94	662.85	06:00	Rising	0.98	170.0	Steady	24-08-2022 12:00:00
17	Kabini	Kabini Reservoir	Mysore	Karnataka	696.16		695.996	06:00	Rising	6.96	220.0	Steady	24-08-2022 12:00:00
18	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		752.374	06:00	Rising	42.05	370.0	Steady	24-08-2022 12:00:00
19	Krishna	Narayanapura Reservoir	Bagalkot	Karnataka	492.25	492.25	491.99	14:00	Falling	-10.01	2000.0	Falling	23-08-2022 20:00:00
20	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.714	14:00	Steady	0.0	500.0	Rising	23-08-2022 20:00:00
21	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	0.0	570.0	Steady	24-08-2022 12:00:00
22	Sone	Bansagar Dam	SHAHDOL	Madhya Pradesh	341.64	342.934	337.75	08:00	Rising	750.0	2022.0	Falling	24-08-2022 08:00:00
23	Narmada	Bargi Reservoir	JABALPUR	Madhya Pradesh	422.76	425.7	421.35	14:00	Steady	0.0	3000.0	Falling	24-08-2022 13:00:00

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	Barna	Barna Reservoir	RAISEN	Madhya Pradesh	348.55	351.45	347.22	12:00	Steady	0.0	1200.0	Falling	23-08-2022 18:00:00
25	Chambal	Gandhi Sagar Reservoir	MANDSAUR	Madhya Pradesh	399.9	401.1	399.14	12:00	Rising	70.01	15249.0	Rising	24-08-2022 08:30:00
26	Narmada	Indira Sagar Reservoir	EAST NIMAR	Madhya Pradesh	262.13	263.35	261.74	14:00	Rising	30.0	17000.0	Falling	24-08-2022 13:00:00
27	Sindh	MADIKHERA(ATAL SAGAR) DAM	SHIVPURI	Madhya Pradesh	346.25		343.85	08:00	Falling	-1350.01	3819.44	Steady	24-08-2022 08:00:00
28	Tawa	Tawa Reservoir	HOSHANGABAD	Madhya Pradesh	355.4	356.692	354.57	08:00	Rising	30.0	1500.0	Falling	23-08-2022 18:00:00
29	Wainganga	Gosikhurd Dam	Bhandara	Maharashtra	245.5	245.75	243.17	14:00	Rising	509.99	5000.0	Falling	24-08-2022 09:00:00
30	Tapi	HATHNUR	Jalgaon	Maharashtra	214.0		210.19	14:00	Falling	-9.99	1042.0	Falling	24-08-2022 01:00:00
31	Wardha	Upper Wardha Project	Amravati	Maharashtra	342.5	343.5	341.67	14:00	Steady	0.0	500.0	Falling	24-08-2022 09:00:00
32	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		190.03	12:00	Rising	9.99	4000.0	Falling	24-08-2022 09:00:00
33	Brahmani	Rengali Reservoir	ANUGUL	Odisha	123.5	125.4	122.84	12:00	Rising	9.99	4000.0	Falling	24-08-2022 10:00:00
34	Kalisindh	Kalisindh Dam	JHALAWAR	Rajasthan	316.0	316.0	315.8	08:00	Rising	1459.99	14323.0	Rising	24-08-2022 10:00:00
35	Mahi	Mahi Bajaj Sagar Dam	BANSWARA	Rajasthan	281.5	281.5	281.05	10:00	Rising	99.98	1388.0	Falling	24-08-2022 09:00:00
36	Chambal	Ranapratap Sagar Reservoir	CHITTORGARH	Rajasthan	352.81	354.18	352.01	13:00	Rising	20.02	13479.0	Rising	24-08-2022 08:30:00
37	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	92.0	12:00	Falling	-200.0	6000.0	Falling	24-08-2022 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
38	Krishna	P.D. Jurala	MAHBUBNAGAR	Telangana	318.52		318.33	14:00	Falling	-30.0	3000.0	Falling	23-08-2022 18:00:00
39	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	78.5	12:00	Falling	-200.0	11000.0	Falling	24-08-2022 06:00:00
40	Ganga	Dharamnagari Barrage	BIJNOR	Uttar Pradesh			219.1	14:00	Steady	0.0	1756.0	Rising	24-08-2022 08:00:00
41	Ganga	NARORA Barrage	Buland Shahar	Uttar Pradesh	179.07		179.07	14:00	Steady	0.0	3537.5	Falling	24-08-2022 08:00:00
42	Rihand	RIHAND DAM	SONBHADRA	Uttar Pradesh	265.18	264.44	258.23	08:00	Rising	60.0	408.0	Falling	24-08-2022 08:00:00
43	Kangsabati	Kangsabati Reservoir	MEDINIPUR	West Bengal	134.11		131.58	12:00	Rising	9.99	162.0	Falling	24-08-2022 06:00:00