



Central Water Commission

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

Date:	24/08/2022
Bulletin No:	116

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))	15
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)		33
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)		36

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		
						Trend	Trend		
	Station	State			Date (dd-mm-yyyy)	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	48.37	48.29
	Basua	Bihar			13-08-2017	Falling	Falling
						-10.0	24-08-2022
						14:00	22:00:00
2	Ganga	PATNA	40.76	41.76	43.52	41.85	41.8
	Hathidah	Bihar			16-08-2021	Steady	Falling
						0.0	25-08-2022
						14:00	08:00:00
3	Narmada	Bharuch	6.705	7.315	12.65	8.07	8.1
	Bharuch	Gujarat			06-09-1970	Steady	Steady
						0.0	24-08-2022
						14:00	15:00:00
4	Jalka	Baleshwar	5.5	5.5	7.31	5.86	5.72
	Mathani Road Bridge	Odisha			22-09-2021	Steady	Falling
						0.0	24-08-2022
						14:00	18:00:00
5	Chambal	DHOLPUR	129.79	130.79	145.54	143.3	144.2
	DHOLPUR	Rajasthan			23-08-1996	Rising	Rising
						150.01	24-08-2022
						14:00	22:00:00
6	Chambal	KOTA	239.0	242.0	248.68	243.2	-
	Kota City	Rajasthan			16-09-2019	Falling	-
						-1500.0	-
						14:00	-

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	KARAULI	164.0	165.0	169.96	169.01	169.8
	Manderial	Rajasthan			23-08-1996	Rising	Rising
						90.0	24-08-2022
						14:00	20:00:00
8	Yamuna	AURAIYA	112.0	113.0	118.51	113.56	114.2
	AURAIYA	Uttar Pradesh			06-08-2021	Rising	Rising
						120.0	24-08-2022
						14:00	19:00:00
9	Ganga	BALLIA	56.615	57.615	60.39	58.25	58.5
	BALLIA	Uttar Pradesh			25-08-2016	Rising	Rising
						10.0	25-08-2022
						14:00	08:00:00
10	Ken	BANDA	103.0	104.0	113.29	105.06	104.32
	BANDA	Uttar Pradesh			07-07-2005	Falling	Falling
						-140.0	24-08-2022
						14:00	19:00:00
11	Yamuna	BANDA	99.0	100.0	105.16	100.48	101.12
	CHILLAGHAT	Uttar Pradesh			06-09-1978	Rising	Rising
						100.01	24-08-2022
						14:00	21:00:00
12	Yamuna	HAMIRPUR	102.63	103.63	108.59	104.58	105.25
	HAMIRPUR	Uttar Pradesh			12-09-1983	Rising	Rising
						110.0	24-08-2022
						14:00	21:00:00
13	Yamuna	JALAUN	107.0	108.0	112.98	108.31	109.1
	KALPI	Uttar Pradesh			25-08-1996	Rising	Rising
						130.0	24-08-2022
						14:00	21:00:00
14	Ganga	BUDAUN	161.0	162.0	162.79	162.53	162.35
	Kachhlabridge	Uttar Pradesh			24-09-2010	Falling	Falling
						-30.0	25-08-2022
						14:00	08:00:00

S. No.	River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual Level	Forecasted Level
						Trend	Trend
	Station	State			Date (dd-mm-yyyy)	Trend Magnitude (mm/hr)	Date (dd-mm-yyyy)
						Time	Time
15	Betwa	HAMIRPUR	103.54	104.54	108.67	104.55	105.3
	SAHIJINA	Uttar Pradesh			12-09-1983	Rising	Rising
						80.0	24-08-2022
						14:00	22:00:00



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	33.46	33.5
	Baltara	Bihar			15-08-1987	Steady	Steady
						0.0	25-08-2022
						14:00	06:00:00
2	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	47.69	47.6
	Benibad	Bihar			12-07-2004	Falling	Falling
						-10.0	25-08-2022
						14:00	06:00:00
3	Ganga	BHAGALPUR	32.68	33.68	34.86	32.87	32.78
	Bhagalpur	Bihar			18-08-2021	Steady	Steady
						0.0	25-08-2022
						14:00	16:00:00
4	Ganga	PATNA	49.45	50.45	52.52	49.67	49.85
	Dighaghat	Bihar			23-08-1975	Steady	Rising
						0.0	25-08-2022
						14:00	08:00:00
5	Gandak	GOPALGANJ	61.22	62.22	64.36	61.7	61.68
	Dumariaghat	Bihar			24-07-2020	Steady	Steady
						0.0	25-08-2022
						14:00	06:00:00
6	Ganga	PATNA	47.6	48.6	50.52	48.56	48.7
	Gandhighat	Bihar			21-08-2016	Steady	Rising
						0.0	25-08-2022
						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
7	Ganga	BHAGALPUR	30.09	31.09	32.87	30.93	31.1
	Kahalgaoon	Bihar			17-09-2003	Rising	Rising
						10.0	25-08-2022
						14:00	22:00:00
8	Burhi Gandak	KHAGARIA	35.58	36.58	39.22	36.44	36.5
	Khagaria	Bihar			16-08-1976	Steady	Falling
						0.0	25-08-2022
						14:00	06:00:00
9	Kosi	KATIHAR	29.0	30.0	32.1	29.99	30.06
	Kursela	Bihar			07-09-1982	Rising	Rising
						10.0	25-08-2022
						14:00	06:00:00
10	Sone	PATNA	51.0	52.0	53.79	51.43	51.67
	Maner	Bihar			10-09-1976	Rising	Rising
						10.0	25-08-2022
						14:00	08:00:00
11	Ganga	Sahebganj	26.25	27.25	30.91	26.91	27.03
	Sahibganj	Jharkhand			20-08-1998	Steady	Rising
						0.0	25-08-2022
						14:00	06:00:00
12	Narmada	HOSHANGABAD	292.83	293.83	301.33	293.3	293.25
	Hoshangabad	Madhya Pradesh			27-08-1972	Falling	Falling
						-100.01	24-08-2022
						14:00	15:00:00
13	Ghagra	Ayodhya	91.73	92.73	94.01	92.16	91.9
	Ayodhya	Uttar Pradesh			11-10-2009	Falling	Falling
						-9.99	25-08-2022
						14:00	08:00:00
14	Ghagra	BARABANKI	105.07	106.07	107.616	105.426	105.286
	Elginbridge	Uttar Pradesh			18-08-2014	Steady	Falling
						0.0	25-08-2022
						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	137.25	137.35
	Fatehgarh	Uttar Pradesh			26-09-2010	Steady	Rising
						0.0	25-08-2022
						14:00	08:00:00
16	Ganga	GHAZIPUR	62.105	63.105	65.22	62.26	62.65
	GHAZIPUR	Uttar Pradesh			09-09-1978	Rising	Rising
						10.0	25-08-2022
						14:00	08:00:00
17	Gandak	KUSHINAGAR	95.0	96.0	97.5	95.12	95.1
	Khadda	Uttar Pradesh			23-07-2002	Rising	Falling
						40.0	24-08-2022
						14:00	15:00:00
18	Ganga	MURSHIDABAD	21.25	22.25	25.14	21.9	22.1
	Farakka(FF)	West Bengal			07-09-1998	Steady	Rising
						0.0	25-08-2022
						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	Krishna	DR KLRS Pulichintala Dam	GUNTUR	Andhra Pradesh	53.34		52.099	08:00	Rising	310.0	900.0	Steady	24-08-2022 18:00:00
2	Godavari	Polavaram Irrigation Project	ELURU	Andhra Pradesh			20.027	14:00	Falling	-20.0	11000.0	Falling	24-08-2022 20:00:00
3	Lower Krishna	Prakasam Barrage	KRISHNA	Andhra Pradesh	17.39	18.3	17.39	14:00	Steady	0.0	710.0	Steady	24-08-2022 18:00:00
4	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	269.718	14:00	Steady	0.0	4000.0	Steady	24-08-2022 18:00:00
5	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0		291.599	08:00	Rising	100.01	600.0	Rising	24-08-2022 18:00:00
6	Banas	Dantiwada Dam	Banaskantha	Gujarat	184.1	185.06	182.82	12:00	Rising	60.01	740.0	Steady	24-08-2022 18:00:00
7	Sabarmati	Dharoi Dam	Mahesana	Gujarat	189.59	192.24	188.68	12:00	Steady	0.0	1388.0	Steady	24-08-2022 18:00:00
8	Narmada	Sardar Sarovar Project_Gujarat	Narmada	Gujarat			136.24	14:00	Rising	40.01	23148.0	Falling	25-08-2022 01:00:00
9	Tapi	Ukai Reservoir	Surat	Gujarat	105.156	105.539	102.373	14:00	Rising	3.0	1157.0	Falling	25-08-2022 01:00:00

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	126.72	12:00	Rising	40.0	463.0	Rising	25-08-2022 06:00:00
11	Damodar	Tenughat Reservoir	BOKARO	Jharkhand	268.834	268.83	259.74	09:00	Falling	-30.0	185.0	Falling	25-08-2022 06:00:00
12	Krishna	Almatti Reservoir	Bagalkot	Karnataka	519.6	519.6	519.6	14:00	Steady	0.0	1600.0	Steady	24-08-2022 20:00:00
13	Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	657.45	06:00	Rising	100.04	350.0	Steady	25-08-2022 12:00:00
14	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		890.55	06:00	Falling	-49.99	215.0	Steady	25-08-2022 12:00:00
15	Ghatprabha	Hidkal Reservoir	Belgaum	Karnataka	662.94	662.94	662.94	06:00	Rising	90.03	165.0	Steady	25-08-2022 12:00:00
16	Kabini	Kabini Reservoir	Mysore	Karnataka	696.16		696.124	06:00	Rising	128.05	230.0	Steady	25-08-2022 12:00:00
17	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		752.472	06:00	Rising	97.96	540.0	Steady	25-08-2022 12:00:00
18	Krishna	Narayanapura Reservoir	Bagalkot	Karnataka	492.25	492.25	491.9	14:00	Steady	0.0	1600.0	Steady	24-08-2022 20:00:00
19	Tungabhadra	Singatalur Barrage	Gadag	Karnataka	507.0		506.75	08:00	Steady	0.0	700.0	Rising	24-08-2022 20:00:00
20	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.69	14:00	Steady	0.0	750.0	Rising	24-08-2022 20:00:00
21	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	0.0	480.0	Steady	25-08-2022 12:00:00
22	Sone	Bansagar Dam	SHAHDOL	Madhya Pradesh	341.64	342.934	338.08	08:00	Rising	329.99	892.0	Falling	25-08-2022 08:00:00
23	Narmada	Indira Sagar Reservoir	EAST NIMAR	Madhya Pradesh	262.13	263.35	261.91	14:00	Steady	0.0	12000.0	Falling	25-08-2022 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	Sindh	MADIKHERA(ATAL SAGAR) DAM	SHIVPURI	Madhya Pradesh	346.25		344.8	08:00	Rising	99.98	752.31	Falling	25-08-2022 08:00:00
25	Betwa	RAJGHAT DAM	ASHOK NAGAR	Madhya Pradesh	371.0	373.07	370.4	08:00	Rising	49.99	11458.33	Falling	25-08-2022 06:00:00
26	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		190.14	12:00	Steady	0.0	3000.0	Falling	25-08-2022 09:00:00
27	Brahmani	Rengali Reservoir	ANUGUL	Odisha	123.5	125.4	122.65	12:00	Falling	-20.0	2800.0	Steady	25-08-2022 10:00:00
28	Kalisindh	Kalisindh Dam	JHALAWAR	Rajasthan	316.0	316.0	314.5	08:00	Falling	-1299.99	1099.53	Falling	25-08-2022 10:00:00
29	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	0.0	450.0	Rising	25-08-2022 10:00:00
30	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	240.798	08:00	Steady	0.0	400.0	Falling	25-08-2022 10:00:00
31	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.85	06:00	Rising	100.0	500.0	Rising	25-08-2022 10:00:00
32	Krishna	P.D. Jurala	MAHBUBNAGAR	Telangana	318.52		317.9	14:00	Rising	19.99	3000.0	Falling	24-08-2022 18:00:00
33	Ganga	Dharamnagari Barrage	BIJNOR	Uttar Pradesh			218.9	09:00	Steady	0.0	1560.0	Rising	25-08-2022 08:00:00
34	Betwa	Matatila Reservoir	LALITPUR	Uttar Pradesh	308.46	310.04	307.36	08:00	Steady	0.0	12152.77	Falling	25-08-2022 08:00:00
35	Rihand	RIHAND DAM	SONBHADRA	Uttar Pradesh	265.18	264.44	254.32	08:00	Falling	-3910.0	299.0	Falling	25-08-2022 08:00:00
36	Kangsabati	Kangsabati Reservoir	MEDINIPUR	West Bengal	134.11		131.95	12:00	Rising	20.0	347.0	Rising	25-08-2022 06:00:00