



Central Water Commission

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

Date:	16/08/2022
Bulletin No:	108

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))	10
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)		30
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)		53

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	Godavari	ALLURI SITHARAMA	37.74	39.24	51.3	41.3	41.9
	Kunavaram	Andhra Pradesh			16-08-1986	Rising	Rising
						100.0	16-08-2022
						14:00	21:00:00
2	Kosi	SUPAUL	46.75	47.75	49.24	48.62	48.67
	Basua	Bihar			13-08-2017	Rising	Steady
						10.0	16-08-2022
						14:00	22:00:00
3	Indravathi	BASTAR	539.5	540.8	544.68	542.901	543.05
	Jagdalpur	Chhattisgarh			09-07-1973	Steady	Rising
						0.0	16-08-2022
						14:00	15:00:00
4	Narmada	HOSHANGABAD	292.83	293.83	301.33	294.6	294.7
	Hoshangabad	Madhya Pradesh			27-08-1972	Rising	Rising
						50.02	16-08-2022
						14:00	17:00:00
5	Wainganga	Bhandara	245.5	245.7	250.61	248.24	248.65
	Bhandara	Maharashtra			30-08-2020	Rising	Rising
						50.0	16-08-2022
						14:00	20:00:00
6	Wainganga	Bhandara	226.73	227.73	237.115	228.9	228.85
	Pauni	Maharashtra			07-09-1994	Rising	Rising
						149.99	16-08-2022
						14:00	17:00:00

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	Baitarani	BHADRAK	17.83	17.83	21.95	17.93	17.82
	Akhuapada	Odisha			16-08-1960	Falling	Falling
						-30.0	16-08-2022
						14:00	15:00:00
8	Jalka	Baleshwar	5.5	5.5	7.31	6.39	6.26
	Mathani Road Bridge	Odisha			22-09-2021	Steady	Falling
						0.0	16-08-2022
						14:00	18:00:00
9	Mahanadi	CUTTACK	25.41	26.41	27.61	27.34	27.45
	Naraj	Odisha			31-08-1982	Rising	Steady
						20.0	16-08-2022
						14:00	23:00:00
10	Ganga	BUDAUN	161.0	162.0	162.79	162.04	161.92
	Kachhlabridge	Uttar Pradesh			24-09-2010	Steady	Falling
						0.0	17-08-2022
						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	Godavari	EAST GODAVARI	14.25	16.08	18.36	14.85	14.92
	Dowlaiswaram (State Govt Site)	Andhra Pradesh			16-08-1986	Steady	Rising
						0.0	16-08-2022
						14:00	21:00:00
2	Tungabhadra	KURNOOL	310.0	312.0	318.77	310.12	310.0
	Mantralayam	Andhra Pradesh			02-10-2009	Falling	Falling
						-10.01	16-08-2022
						14:00	18:00:00
3	Beki	BARPETA	44.1	45.1	46.2	44.15	44.14
	Beki Road bridge	Assam			04-08-2000	Steady	Rising
						0.0	16-08-2022
						14:00	20:00:00
4	Kosi	KHAGARIA	32.85	33.85	36.4	33.65	33.75
	Baltara	Bihar			15-08-1987	Rising	Rising
						20.0	17-08-2022
						14:00	06:00:00
5	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	47.84	47.75
	Benibad	Bihar			12-07-2004	Falling	Falling
						-10.0	17-08-2022
						14:00	06:00:00
6	Ghagra	SIWAN	59.82	60.82	61.74	59.87	59.8
	Darauli	Bihar			29-08-1998	Falling	Falling
						-10.0	17-08-2022
						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
7	Gandak	GOPALGANJ	61.22	62.22	64.36	61.95	61.88
	Dumariaghat	Bihar			24-07-2020	Steady	Falling
						0.0	17-08-2022
						14:00	06:00:00
8	Kamla	MADHUBANI	66.75	67.75	71.35	66.86	66.8
	Jainagar	Bihar			01-08-1965	Falling	Steady
						-20.0	16-08-2022
						14:00	16:00:00
9	Kamalabalan	MADHUBANI	49.0	50.0	53.11	49.09	49.05
	Jhanjharpur	Bihar			14-07-2019	Falling	Steady
						-20.0	16-08-2022
						14:00	16:00:00
10	Mahanadi	JAGATSINGHAPUR	10.85	11.76	13.11	11.64	11.85
	Alipingal	Odisha			11-09-2011	Rising	Falling
						40.0	16-08-2022
						14:00	22:00:00
11	Vamsadhara	GAJAPATI	54.1	54.6	58.935	54.24	54.09
	Kashinagar	Odisha			18-09-1980	Falling	Falling
						-10.0	16-08-2022
						14:00	18:00:00
12	Kusavadra	PURI	9.85	10.76	11.6	9.94	10.35
	Nimapara	Odisha			31-08-1982	Rising	Rising
						40.0	17-08-2022
						14:00	00:00:00
13	Cauvery	Tiruchirappalli	82.115	83.115	86.98	82.33	82.2
	MUSIRI	Tamil Nadu			25-11-2005	Falling	Falling
						-70.0	16-08-2022
						14:00	21:00:00
14	Godavari	BHADRADRI	45.72	48.77	55.66	48.399	49.01
	Bhadrachalam	Telangana			16-08-1986	Rising	Rising
						122.0	16-08-2022
						14:00	21:00:00

S. No.	River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual Level	Forecasted Level
						Trend	Trend
	Station	State			Date (dd-mm-yyyy)	Trend Magnitude (mm/hr)	Date (dd-mm-yyyy)
						Time	Time
15	Godavari	BHADRADRI	53.0	55.0	60.25	54.5	54.85
	Dummugudem	Telangana			16-08-1986	Rising	Rising
						100.0	16-08-2022
						14:00	21:00:00
16	Godavari	MULUGU	73.32	75.82	77.66	74.69	75.15
	Eturunagaram	Telangana			24-08-1990	Rising	Rising
						30.0	16-08-2022
						14:00	21:00:00
17	Ghagra	Ayodhya	91.73	92.73	94.01	91.99	91.95
	Ayodhya	Uttar Pradesh			11-10-2009	Steady	Falling
						0.0	17-08-2022
						14:00	08:00:00
18	Ghagra	BARABANKI	105.07	106.07	107.616	105.376	105.646
	Elginbridge	Uttar Pradesh			18-08-2014	Steady	Rising
						0.0	17-08-2022
						14:00	08:00:00
19	Ganga	FARRUKHABAD	136.6	137.6	138.14	137.21	137.05
	Fatehgarh	Uttar Pradesh			26-09-2010	Falling	Falling
						-9.99	17-08-2022
						14:00	08:00:00
20	Ghagra	BALLIA	63.01	64.01	66.0	63.18	63.09
	Turtipar	Uttar Pradesh			28-08-1998	Falling	Falling
						-10.0	17-08-2022
						14:00	08:00:00



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		51.469	08:00	Rising	31.0	9500.0	Steady	16-08-2022 18:00:00
2	Vamsadhara	Gotta Barrage	SRIKAKULAM	Andhra Pradesh	38.1	39.1	35.3	12:00	Rising	60.0	1200.0	Falling	16-08-2022 20:00:00
3	Godavari	Indirasagar Project(Polavaram)	ELURU	Andhra Pradesh			24.107	08:00	Falling	-330.0	33000.0	Rising	16-08-2022 20:00:00
4	Lower Krishna	Prakasam Barrage	KRISHNA	Andhra Pradesh	17.39	18.3	17.39	14:00	Steady	0.0	8000.0	Steady	16-08-2022 18:00:00
5	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	269.565	14:00	Steady	0.0	11500.0	Steady	16-08-2022 18:00:00
6	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0		290.499	08:00	Falling	-302.0	1900.0	Falling	16-08-2022 18:00:00
7	Hasdeo	BANGODAM RESERVOIR	KORBA	Chhattisgarh	359.66	363.08	352.86	08:00	Rising	560.0	800.0	Steady	17-08-2022 09:00:00
8	Mahanadi	RAVISHANKAR SAGAR DAM	DHAMTARI	Chhattisgarh	348.7	350.7	348.38	12:00	Rising	30.0	350.0	Falling	17-08-2022 09:00:00
9	Sabarmati	Dharoi Dam	Mahesana	Gujarat	189.59	192.24	186.57	12:00	Rising	80.0	1620.0	Falling	16-08-2022 15:00:00

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	Daman Ganga	MADHUBAN DAM	Valsad	Gujarat	79.86		74.55	13:00	Rising	100.01	1852.0	Steady	16-08-2022 19:00:00
11	Narmada	Sardar Sarovar Project_Gujarat	Narmada	Gujarat			134.8	13:00	Falling	-50.0	10416.0	Steady	17-08-2022 01:00:00
12	Tapi	Ukai Reservoir	Surat	Gujarat	105.156	105.539	102.221	13:00	Rising	6.0	2777.77	Falling	17-08-2022 01:00:00
13	Subarnarekha	Galudih Barrage	PASHCHIMI SINGHBHUM	Jharkhand	94.5	101.25	92.1	08:00	Steady	0.0	1350.0	Falling	16-08-2022 20:00:00
14	Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	122.95	09:00	Rising	20.0	185.0	Rising	17-08-2022 06:00:00
15	Krishna	Almatti Reservoir	Bagalkot	Karnataka	519.6	519.6	518.46	12:00	Rising	10.01	5500.0	Falling	16-08-2022 20:00:00
16	Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	656.957	06:00	Steady	0.0	250.0	Steady	17-08-2022 12:00:00
17	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		890.504	06:00	Rising	16.05	300.0	Steady	17-08-2022 12:00:00
18	Ghatprabha	Hidkal Reservoir	Belgaum	Karnataka	662.94	662.94	662.428	06:00	Rising	159.0	275.0	Steady	17-08-2022 12:00:00
19	Krishna	Hipparagi Barrage	Bagalkot	Karnataka	524.87	531.4	524.3	08:00	Falling	-100.04	4800.0	Falling	17-08-2022 08:00:00
20	Kabini	Kabini Reservoir	Mysore	Karnataka	696.16		696.069	06:00	Rising	237.98	150.0	Steady	17-08-2022 12:00:00
21	Malaprabha	Malaprabha Dam	Belgaum	Karnataka	633.83	633.83	633.009	06:00	Rising	60.97	160.0	Steady	17-08-2022 12:00:00
22	Krishna	Narayanapura Reservoir	Bagalkot	Karnataka	492.25	492.25	491.37	14:00	Rising	30.0	4300.0	Steady	16-08-2022 20:00:00
23	Tungabhadra	Singatalur Barrage	Gadag	Karnataka	507.0		506.75	08:00	Falling	-49.99	1500.0	Falling	16-08-2022 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
24	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.629	12:00	Rising	2.99	1900.0	Falling	16-08-2022 20:00:00
25	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	0.0	375.0	Steady	17-08-2022 12:00:00
26	Narmada	Bargi Reservoir	JABALPUR	Madhya Pradesh	422.76	425.7	422.1	14:00	Steady	0.0	5000.0	Falling	17-08-2022 13:00:00
27	Barna	Barna Reservoir	RAISEN	Madhya Pradesh	348.55	351.45	347.36	14:00	Steady	0.0	1200.0	Steady	17-08-2022 13:00:00
28	Chambal	Gandhi Sagar Reservoir	MANDSAUR	Madhya Pradesh	399.9	401.1	397.87	13:00	Rising	60.0	5194.93	Rising	17-08-2022 08:30:00
29	Narmada	Indira Sagar Reservoir	EAST NIMAR	Madhya Pradesh	262.13	263.35	261.15	14:00	Rising	49.99	22000.0	Rising	17-08-2022 13:00:00
30	Betwa	RAJGHAT DAM	ASHOK NAGAR	Madhya Pradesh	371.0	373.07	370.1	08:00	Steady	0.0	11458.33	Rising	17-08-2022 06:00:00
31	Tawa	Tawa Reservoir	HOSHANGABAD	Madhya Pradesh	355.4	356.692	353.507	08:00	Steady	0.0	3500.0	Falling	17-08-2022 13:00:00
32	Wainganga	Gosikhurd Dam	Bhandara	Maharashtra	245.5	245.75	241.15	08:00	Falling	-700.01	19000.0	Falling	17-08-2022 09:00:00
33	Tapi	HATHNUR	Jalgaon	Maharashtra	214.0		209.76	13:00	Steady	0.0	1736.0	Falling	17-08-2022 01:00:00
34	Pench	Pench Reservoir	Nagpur	Maharashtra	490.0	493.6	489.13	10:00	Rising	20.02	1389.0	Falling	17-08-2022 10:00:00
35	Bhima	Ujjani Reservoir	Solapur	Maharashtra	496.83	497.58	496.93	08:00	Falling	-135.01	1100.0	Steady	17-08-2022 08:00:00
36	Wardha	Upper Wardha Project	Amravati	Maharashtra	342.5	343.5	341.96	08:00	Rising	19.99	1296.0	Falling	17-08-2022 09:00:00
37	Nira	Veer Dam	Satara	Maharashtra	579.85		579.852	08:00	Rising	451.97	500.0	Falling	17-08-2022 08:00:00

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							Level (m)	Time	Trend	Trend Magnitude (mm/hr)	Average Inflow (Cumec)	Trend	Date and Time
38	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		190.94	14:00	Rising	50.0	17500.0	Steady	17-08-2022 09:00:00
39	Brahmani	Rengali Reservoir	ANUGUL	Odisha	123.5	125.4	116.69	12:00	Rising	70.0	4000.0	Falling	17-08-2022 08:00:00
40	Kalisindh	Kalisindh Dam	JHALAWAR	Rajasthan	316.0	316.0	314.6	08:00	Rising	30.0	2858.0	Rising	17-08-2022 10:00:00
41	Mahi	Mahi Bajaj Sagar Dam	BANSWARA	Rajasthan	281.5	281.5	279.0	12:00	Rising	100.01	1851.0	Falling	17-08-2022 09:00:00
42	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	0.0	550.0	Falling	17-08-2022 10:00:00
43	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	240.798	08:00	Steady	0.0	800.0	Falling	17-08-2022 10:00:00
44	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	75.3	06:00	Falling	-250.0	2000.0	Falling	17-08-2022 10:00:00
45	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	96.4	12:00	Rising	200.0	28000.0	Rising	17-08-2022 06:00:00
46	Krishna	P.D. Jurala	MAHBUBNAGAR	Telangana	318.52		317.72	14:00	Falling	-30.0	7500.0	Falling	16-08-2022 18:00:00
47	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	85.0	12:00	Steady	0.0	43000.0	Rising	17-08-2022 06:00:00
48	Godavari	Sripada Yellampalli Project	KARIMNAGAR	Telangana	148.0		146.6	13:00	Falling	-9.99	3500.0	Rising	17-08-2022 06:00:00
49	Godavari	Sriram Sagar Reservoir	NIRMAL	Telangana	332.54	333.15	331.988	12:00	Steady	0.0	1000.0	Steady	17-08-2022 06:00:00
50	Ganga	Dharamnagari Barrage	BIJNOR	Uttar Pradesh			219.2	12:00	Falling	-100.01	1560.53	Falling	17-08-2022 08:00:00
51	Ghagra	Katerniaghat Barrage	BAHRAICH	Uttar Pradesh	136.8	138.0	137.7	12:00	Steady	0.0	3600.0	Falling	17-08-2022 08:00:00

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							Level (m)	Time	Trend	Trend Magnitude (mm/hr)	Average Inflow (Cumec)	Trend	Date and Time
52	Betwa	Matatila Reservoir	LALITPUR	Uttar Pradesh	308.46	310.04	307.85	08:00	Steady	0.0	10995.37	Rising	17-08-2022 08:00:00
53	Kangsabati	Kangsabati Reservoir	MEDINIPUR	West Bengal	134.11		128.11	12:00	Rising	20.0	150.0	Falling	17-08-2022 06:00:00