



Central Water Commission

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

Date:	20/08/2022
Bulletin No:	112

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))	5
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)		25
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)		30

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	39.9	39.5
	Kunavaram	Andhra Pradesh			16-08-1986	Falling	Falling
						-120.0	20-08-2022
						17:00	21:00:00
2	Kosi	SUPAUL	46.75	47.75	49.24	48.55	48.6
	Basua	Bihar			13-08-2017	Rising	Rising
						10.0	20-08-2022
						16:00	22:00:00
3	Vamsadhara	GAJAPATI	54.1	54.6	58.935	54.82	54.9
	Kashinagar	Odisha			18-09-1980	Rising	Rising
						20.0	20-08-2022
						16:00	18:00:00
4	Jalka	Baleshwar	5.5	5.5	7.31	6.62	6.7
	Mathani Road Bridge	Odisha			22-09-2021	Rising	Rising
						20.0	20-08-2022
						16:00	18:00:00
5	Ganga	BALLIA	56.615	57.615	60.39	58.18	58.9
	BALLIA	Uttar Pradesh			25-08-2016	Rising	Rising
						10.0	21-08-2022
						16:00	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	14.91	14.89
	Dowlaiswaram (State Govt Site)	Andhra Pradesh			16-08-1986	Falling	Falling
						-30.0	20-08-2022
						17:00	21:00:00
2	Beki	BARPETA	44.1	45.1	46.2	44.17	44.05
	Beki Road bridge	Assam			04-08-2000	Rising	Falling
						100.0	21-08-2022
						15:00	03:00:00
3	Kosi	KHAGARIA	32.85	33.85	36.4	33.07	33.19
	Baltara	Bihar			15-08-1987	Rising	Rising
						10.0	21-08-2022
						16:00	06:00:00
4	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	48.52	48.25
	Benibad	Bihar			12-07-2004	Rising	Falling
						50.0	21-08-2022
						16:00	06:00:00
5	Bagmati	SITAMARHI	70.0	71.0	73.0	70.0	69.92
	Dheng Bridge	Bihar			13-08-2017	Steady	Steady
						0.0	21-08-2022
						16:00	06:00:00
6	Gandak	GOPALGANJ	61.22	62.22	64.36	61.64	61.7
	Dumariaghat	Bihar			24-07-2020	Rising	Steady
						10.0	21-08-2022
						16:00	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	PATNA	47.6	48.6	50.52	48.16	48.37
	Gandhighat	Bihar			21-08-2016	Rising	Rising
						20.0	21-08-2022
						16:00	08:00:00
8	Ganga	PATNA	40.76	41.76	43.52	41.0	41.29
	Hathidah	Bihar			16-08-2021	Rising	Rising
						20.0	21-08-2022
						16:00	08:00:00
9	Sone	PATNA	51.0	52.0	53.79	51.17	51.34
	Maner	Bihar			10-09-1976	Rising	Rising
						10.0	21-08-2022
						16:00	08:00:00
10	Bagmati	MUZAFFARPUR	54.0	55.0	58.15	54.16	54.35
	Runisaidpur	Bihar			14-08-2017	Rising	Rising
						20.0	21-08-2022
						16:00	06:00:00
11	Burhabalang	Baleshwar	7.21	8.13	9.5	7.28	8.25
	Govindpur (NH5 Road Bridge)	Odisha			08-10-1973	Rising	Rising
						100.0	21-08-2022
						16:00	09:00:00
12	Vamsadhara	RAYAGADA	83.0	84.0	88.75	83.34	83.35
	Gunupur	Odisha			17-09-1980	Rising	Rising
						90.0	20-08-2022
						16:00	18:00:00
13	Mahanadi	CUTTACK	25.41	26.41	27.61	26.38	26.25
	Naraj	Odisha			31-08-1982	Falling	Falling
						-10.0	20-08-2022
						17:00	23:00:00
14	Ghagra	Ayodhya	91.73	92.73	94.01	91.88	91.75
	Ayodhya	Uttar Pradesh			11-10-2009	Falling	Falling
						-10.0	21-08-2022
						16:00	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	Ghagra	BARABANKI	105.07	106.07	107.616	105.366	105.276
	Elginbridge	Uttar Pradesh			18-08-2014	Rising	Falling
						9.99	21-08-2022
						16:00	08:00:00
16	Ganga	FARRUKHABAD	136.6	137.6	138.14	137.17	137.07
	Fatehgarh	Uttar Pradesh			26-09-2010	Falling	Falling
						-9.99	21-08-2022
						17:00	08:00:00
17	Ganga	GHAZIPUR	62.105	63.105	65.22	62.33	62.5
	GHAZIPUR	Uttar Pradesh			09-09-1978	Rising	Rising
						30.0	21-08-2022
						16:00	08:00:00
18	Ganga	BUDAUN	161.0	162.0	162.79	161.92	161.8
	Kachhlabridge	Uttar Pradesh			24-09-2010	Steady	Falling
						0.0	21-08-2022
						17:00	08:00:00
19	Gandak	KUSHINAGAR	95.0	96.0	97.5	95.24	95.24
	Khadda	Uttar Pradesh			23-07-2002	Steady	Steady
						0.0	20-08-2022
						16:00	22:00:00
20	Ghagra	BALLIA	63.01	64.01	66.0	63.01	62.85
	Turtipar	Uttar Pradesh			28-08-1998	Falling	Falling
						-10.0	21-08-2022
						16:00	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		169.388	16:00	Steady	0.0	4000.0	Falling	21-08-2022 06:00:00
2	Godavari	Polavaram Irrigation Project	ELURU	Andhra Pradesh			23.987	16:00	Falling	-50.0	30750.0	Falling	20-08-2022 20:00:00
3	Lower Krishna	Prakasam Barrage	KRISHNA	Andhra Pradesh	17.39	18.3	17.39	15:00	Steady	0.0	3500.0	Falling	21-08-2022 06:00:00
4	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	269.565	16:00	Falling	-31.01	6500.0	Falling	21-08-2022 06:00:00
5	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0		956.36	15:00	Steady	0	600.0	Falling	21-08-2022 06:00:00
6	Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	123.68	15:00	Rising	150.0	694.0	Rising	21-08-2022 06:00:00
7	Damodar	Tenughat Reservoir	BOKARO	Jharkhand	268.834	268.83	260.39	15:00	Rising	60.03	810.0	Rising	21-08-2022 06:00:00
8	Krishna	Almatti Reservoir	Bagalkot	Karnataka	519.6	519.6	519.52	15:00	Steady	0.0	2500.0	Falling	21-08-2022 08:00:00
9	Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	657.185	06:00	Rising	36.01	160.0	Steady	21-08-2022 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	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		890.61	06:00	Falling	-1.04	140.0	Steady	21-08-2022 12:00:00
11	Ghatprabha	Hidkal Reservoir	Belgaum	Karnataka	662.94	662.94	662.711	06:00	Rising	127.99	210.0	Steady	21-08-2022 12:00:00
12	Kabini	Kabini Reservoir	Mysore	Karnataka	696.16		695.996	06:00	Rising	13.0	120.0	Steady	21-08-2022 12:00:00
13	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		752.258	06:00	Rising	47.97	210.0	Steady	21-08-2022 12:00:00
14	Krishna	Narayanapura Reservoir	Bagalkot	Karnataka	492.25	492.25	491.69	16:00	Steady	0.0	2500.0	Falling	21-08-2022 08:00:00
15	Tungabhadra	Singatalur Barrage	Gadag	Karnataka	507.0		506.75	14:00	Steady	0.0	750.0	Steady	21-08-2022 08:00:00
16	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.738	16:00	Steady	0.0	800.0	Steady	21-08-2022 08:00:00
17	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	0.0	230.0	Steady	21-08-2022 12:00:00
18	Wardha	Upper Wardha Project	Amravati	Maharashtra	342.5	343.5	341.68	14:00	Rising	609.99	500.0	Falling	21-08-2022 09:00:00
19	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		189.11	15:00	Steady	0.0	4200.0	Falling	21-08-2022 09:00:00
20	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	0.0	450.0	Falling	21-08-2022 10:00:00
21	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	240.798	08:00	Steady	0.0	350.0	Falling	21-08-2022 10:00:00
22	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.78	06:00	Rising	380.0	450.0	Falling	21-08-2022 10:00:00
23	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	93.3	15:00	Falling	-700.0	10000.0	Falling	21-08-2022 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
24	Krishna	P.D. Jurala	MAHBUBNAGAR	Telangana	318.52		317.95	16:00	Rising	20.02	5200.0	Falling	21-08-2022 06:00:00
25	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	79.5	15:00	Falling	-1400.0	17000.0	Falling	21-08-2022 06:00:00
26	Godavari	Sripada Yellampalli Project	KARIMNAGAR	Telangana	148.0		146.77	15:00	Rising	120.01	2500.0	Rising	21-08-2022 06:00:00
27	Godavari	Sriram Sagar Reservoir	NIRMAL	Telangana	332.54	333.15	332.262	16:00	Steady	0.0	1700.0	Steady	21-08-2022 06:00:00
28	Ganga	Dharamnagari Barrage	BIJNOR	Uttar Pradesh			219.7	16:00	Steady	0.0	4000.0	Falling	21-08-2022 08:00:00
29	Betwa	Matatila Reservoir	LALITPUR	Uttar Pradesh	308.46	310.04	307.88	08:00	Steady	0.0	3819.4	Rising	21-08-2022 08:00:00
30	Kangsabati	Kangsabati Reservoir	MEDINIPUR	West Bengal	134.11		129.68	15:00	Rising	79.99	1157.0	Rising	21-08-2022 06:00:00