



Central Water Commission

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

Date:	19/08/2022
Bulletin No:	111

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))	6
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	16
Total number of sites above Warning Level (A+B+C)		22
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)		40

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	Godavari	ALLURI SITHARAMA	37.74	39.24	51.3	41.86	41.5
	Kunavaram	Andhra Pradesh			16-08-1986	Falling	Falling
						-60.0	19-08-2022
						14:00	21:00:00
2	Kosi	SUPAUL	46.75	47.75	49.24	48.18	48.12
	Basua	Bihar			13-08-2017	Steady	Steady
						0.0	19-08-2022
						14:00	22:00:00
3	Narmada	Bharuch	6.705	7.315	12.65	8.12	7.9
	Bharuch	Gujarat			06-09-1970	Steady	Falling
						0.0	19-08-2022
						13:00	15:00:00
4	Mahanadi	CUTTACK	25.41	26.41	27.61	26.74	26.65
	Naraj	Odisha			31-08-1982	Steady	Falling
						0.0	19-08-2022
						14:00	23:00:00
5	Chambal	DHOLPUR	129.79	130.79	145.54	132.38	130.5
	DHOLPUR	Rajasthan			23-08-1996	Falling	Falling
						-239.99	19-08-2022
						14:00	20:00:00
6	Ganga	BUDAUN	161.0	162.0	162.79	162.15	162.05
	Kachhlabridge	Uttar Pradesh			24-09-2010	Falling	Falling
						-10.01	20-08-2022
						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	Sabri	ALLURI SITHARAMA	41.5	43.0	50.42	41.92	41.5
	Chinturu (Tallagudem/Kummuru)	Andhra Pradesh			16-08-1986	Falling	Falling
						-30.0	19-08-2022
						14:00	21:00:00
2	Godavari	EAST GODAVARI	14.25	16.08	18.36	15.34	15.17
	Dowlaiswaram (State Govt Site)	Andhra Pradesh			16-08-1986	Steady	Falling
						0.0	19-08-2022
						14:00	21:00:00
3	Kosi	KHAGARIA	32.85	33.85	36.4	33.15	32.99
	Baltara	Bihar			15-08-1987	Falling	Falling
						-20.0	20-08-2022
						14:00	06:00:00
4	Bagmati	SITAMARHI	70.0	71.0	73.0	70.15	69.95
	Dheng Bridge	Bihar			13-08-2017	Steady	Falling
						0.0	20-08-2022
						14:00	06:00:00
5	Gandak	GOPALGANJ	61.22	62.22	64.36	61.61	61.56
	Dumariaghat	Bihar			24-07-2020	Steady	Falling
						0.0	20-08-2022
						14:00	06:00:00
6	Mahanadi	JAGATSINGHAPUR	10.85	11.76	13.11	11.08	10.93
	Alipingal	Odisha			11-09-2011	Falling	Falling
						-10.0	19-08-2022
						14:00	22:00:00

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	Kusavadra	PURI	9.85	10.76	11.6	10.02	9.9
	Nimapara	Odisha			31-08-1982	Steady	Falling
						0.0	19-08-2022
						14:00	22:00:00
8	Godavari	BHADRADRI	45.72	48.77	55.66	47.362	46.78
	Bhadrachalam	Telangana			16-08-1986	Falling	Falling
						-61.0	19-08-2022
						14:00	21:00:00
9	Yamuna	AURAIYA	112.0	113.0	118.51	112.12	112.0
	AURAIYA	Uttar Pradesh			06-08-2021	Steady	Falling
						0.0	19-08-2022
						14:00	20:00:00
10	Ghagra	Ayodhya	91.73	92.73	94.01	92.06	91.85
	Ayodhya	Uttar Pradesh			11-10-2009	Falling	Falling
						-10.0	20-08-2022
						14:00	08:00:00
11	Ganga	BALLIA	56.615	57.615	60.39	57.33	57.6
	BALLIA	Uttar Pradesh			25-08-2016	Rising	Rising
						20.0	20-08-2022
						14:00	08:00:00
12	Ghagra	BARABANKI	105.07	106.07	107.616	105.406	105.186
	Elginbridge	Uttar Pradesh			18-08-2014	Falling	Falling
						-10.0	20-08-2022
						14:00	08:00:00
13	Ganga	FARRUKHABAD	136.6	137.6	138.14	137.15	137.05
	Fatehgarh	Uttar Pradesh			26-09-2010	Steady	Falling
						0.0	20-08-2022
						14:00	08:00:00
14	Yamuna	HAMIRPUR	102.63	103.63	108.59	102.65	102.77
	HAMIRPUR	Uttar Pradesh			12-09-1983	Rising	Steady
						20.0	19-08-2022
						14:00	22:00:00

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	Yamuna	JALAUN	107.0	108.0	112.98	107.2	107.25
	KALPI	Uttar Pradesh			25-08-1996	Rising	Steady
						9.99	19-08-2022
						14:00	20:00:00
16	Ghagra	BALLIA	63.01	64.01	66.0	63.02	-
	Turtipar	Uttar Pradesh			28-08-1998	Steady	-
						0.0	-
						14:00	-



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		51.6	08:00	Rising	40.0	4000.0	Steady	19-08-2022 18:00:00
2	Godavari	Polavaram Irrigation Project	ELURU	Andhra Pradesh			24.747	07:00	Falling	-100.0	34000.0	Falling	19-08-2022 20:00:00
3	Lower Krishna	Prakasam Barrage	KRISHNA	Andhra Pradesh	17.39	18.3	17.39	14:00	Steady	0.0	4500.0	Falling	19-08-2022 18:00:00
4	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	269.718	14:00	Steady	0.0	8000.0	Steady	19-08-2022 18:00:00
5	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0		291.3	08:00	Rising	398.99	1100.0	Falling	19-08-2022 18:00:00
6	Sabarmati	Dharoi Dam	Mahesana	Gujarat	189.59	192.24	188.68	14:00	Steady	0.0	833.0	Falling	19-08-2022 18:00:00
7	Narmada	Sardar Sarovar Project_Gujarat	Narmada	Gujarat			135.53	13:00	Rising	20.0	6944.0	Falling	20-08-2022 01:00:00
8	Tapi	Ukai Reservoir	Surat	Gujarat	105.156	105.539	102.26	13:00	Falling	-9.99	2083.0	Falling	20-08-2022 01:00:00
9	Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	123.02	12:00	Rising	189.99	174.0	Rising	20-08-2022 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
10	Krishna	Almatti Reservoir	Bagalkot	Karnataka	519.6	519.6	519.46	12:00	Rising	10.01	4000.0	Falling	19-08-2022 20:00:00
11	Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	657.149	06:00	Rising	63.96	200.0	Steady	20-08-2022 12:00:00
12	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		890.611	06:00	Rising	31.01	140.0	Steady	20-08-2022 12:00:00
13	Ghatprabha	Hidkal Reservoir	Belgaum	Karnataka	662.94	662.94	662.583	06:00	Rising	657583.0	200.0	Steady	20-08-2022 12:00:00
14	Krishna	Hipparagi Barrage	Bagalkot	Karnataka	524.87	531.4	522.75	08:00	Falling	-599.98	2800.0	Falling	20-08-2022 08:00:00
15	Kabini	Kabini Reservoir	Mysore	Karnataka	696.16		695.983	06:00	Falling	-37.05	120.0	Steady	20-08-2022 12:00:00
16	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		752.21	06:00	Rising	122.01	300.0	Steady	20-08-2022 12:00:00
17	Krishna	Narayanapura Reservoir	Bagalkot	Karnataka	492.25	492.25	491.7	14:00	Steady	0.0	2800.0	Falling	19-08-2022 20:00:00
18	Tungabhadra	Singatalur Barrage	Gadag	Karnataka	507.0		506.75	08:00	Steady	0.0	750.0	Falling	19-08-2022 20:00:00
19	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.738	14:00	Steady	0.0	850.0	Falling	19-08-2022 20:00:00
20	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	0.0	230.0	Steady	20-08-2022 12:00:00
21	Narmada	Indira Sagar Reservoir	EAST NIMAR	Madhya Pradesh	262.13	263.35	260.65	12:00	Steady	0.0	5600.0	Falling	20-08-2022 13:00:00
22	Betwa	RAJGHAT DAM	ASHOK NAGAR	Madhya Pradesh	371.0	373.07	370.1	08:00	Steady	0.0	1620.37	Falling	20-08-2022 06:00:00
23	Tapi	HATHNUR	Jalgaon	Maharashtra	214.0		210.1	14:00	Rising	40.01	926.0	Falling	20-08-2022 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
24	Godavari	Jaikwadi Dam	Aurangabad	Maharashtra	463.91	465.5	463.582	12:00	Falling	-13.0	1600.0	Falling	20-08-2022 08:00:00
25	Bhima	Ujjani Reservoir	Solapur	Maharashtra	496.83	497.58	496.769	08:00	Falling	-30.98	1150.0	Falling	20-08-2022 08:00:00
26	Wardha	Upper Wardha Project	Amravati	Maharashtra	342.5	343.5	341.91	08:00	Rising	19.99	500.0	Falling	20-08-2022 09:00:00
27	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		189.56	13:00	Falling	-30.0	8000.0	Falling	20-08-2022 09:00:00
28	Brahmani	Rengali Reservoir	ANUGUL	Odisha	123.5	125.4	118.45	12:00	Rising	9.99	2500.0	Rising	20-08-2022 10:00:00
29	Kalisindh	Kalisindh Dam	JHALAWAR	Rajasthan	316.0	316.0	314.71	08:00	Rising	229.98	303.0	Falling	20-08-2022 10:00:00
30	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	0.0	450.0	Falling	20-08-2022 10:00:00
31	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	240.798	08:00	Steady	0.0	350.0	Falling	20-08-2022 10:00:00
32	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.4	06:00	Falling	-250.0	450.0	Falling	20-08-2022 10:00:00
33	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	96.4	12:00	Falling	-200.0	20000.0	Falling	20-08-2022 06:00:00
34	Krishna	P.D. Jurala	MAHBUBNAGAR	Telangana	318.52		317.76	14:00	Falling	-30.0	6000.0	Falling	19-08-2022 18:00:00
35	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	82.6	12:00	Falling	-400.0	25000.0	Falling	20-08-2022 06:00:00
36	Godavari	Sripada Yellampalli Project	KARIMNAGAR	Telangana	148.0		146.64	12:00	Rising	9.99	2000.0	Falling	20-08-2022 06:00:00
37	Godavari	Sriram Sagar Reservoir	NIRMAL	Telangana	332.54	333.15	332.506	12:00	Rising	274.02	1800.0	Steady	20-08-2022 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	Ganga	Dharamnagari Barrage	BIJNOR	Uttar Pradesh			218.8	14:00	Steady	0.0	1413.51	Falling	20-08-2022 08:00:00
39	Betwa	Matatila Reservoir	LALITPUR	Uttar Pradesh	308.46	310.04	307.88	08:00	Rising	30.0	1157.4	Falling	20-08-2022 08:00:00
40	Kangsabati	Kangsabati Reservoir	MEDINIPUR	West Bengal	134.11		128.53	12:00	Rising	9.99	463.0	Rising	20-08-2022 06:00:00