



Central Water Commission

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

Date:	21/08/2022
Bulletin No:	113

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))	7
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	23
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)		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	48.52	48.58
	Basua	Bihar			13-08-2017	Steady	Steady
						0.0	21-08-2022
						14:00	22:00:00
2	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	49.01	48.8
	Benibad	Bihar			12-07-2004	Rising	Falling
						30.0	22-08-2022
						14:00	06:00:00
3	Subarnarekha	PURBI SINGHBHUM	122.5	123.5	129.82	123.6	122.5
	Jamshedpur	Jharkhand			12-10-1973	Falling	Falling
						-300.0	21-08-2022
						14:00	19:00:00
4	Narmada	MANDLA	437.2	437.8	439.405	437.95	438.05
	Mandla	Madhya Pradesh			15-07-1974	Rising	Rising
						170.01	21-08-2022
						14:00	16:00:00
5	Baitarani	BHADRAK	17.83	17.83	21.95	19.01	19.0
	Akhuapada	Odisha			16-08-1960	Rising	Steady
						10.0	21-08-2022
						14:00	22:00:00
6	Jalka	Baleshwar	5.5	5.5	7.31	6.76	6.66
	Mathani Road Bridge	Odisha			22-09-2021	Falling	Falling
						-20.0	21-08-2022
						14:00	18:00:00

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	BALLIA	56.615	57.615	60.39	58.4	58.6
	BALLIA	Uttar Pradesh			25-08-2016	Rising	Rising
						10.0	22-08-2022
						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	Nagavali	SRIKAKULAM	10.17	10.8	14.53	10.44	10.4
	Srikakulam	Andhra Pradesh			12-05-1990	Rising	Rising
						30.0	21-08-2022
						14:00	15:00:00
2	Kosi	KHAGARIA	32.85	33.85	36.4	33.44	33.58
	Baltara	Bihar			15-08-1987	Rising	Rising
						20.0	22-08-2022
						14:00	06:00:00
3	Ganga	BUXAR	59.32	60.32	62.09	59.5	59.62
	Buxar	Bihar			01-08-1948	Rising	Falling
						10.0	22-08-2022
						14:00	12:00:00
4	Ganga	PATNA	49.45	50.45	52.52	49.7	49.84
	Dighaghat	Bihar			23-08-1975	Rising	Rising
						10.0	22-08-2022
						14:00	08:00:00
5	Gandak	GOPALGANJ	61.22	62.22	64.36	61.99	61.97
	Dumariaghat	Bihar			24-07-2020	Rising	Falling
						10.0	22-08-2022
						14:00	06:00:00
6	Ganga	PATNA	47.6	48.6	50.52	48.47	48.7
	Gandhighat	Bihar			21-08-2016	Steady	Rising
						0.0	22-08-2022
						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	Ganga	PATNA	40.76	41.76	43.52	41.44	41.71
	Hathidah	Bihar			16-08-2021	Rising	Rising
						20.0	22-08-2022
						14:00	08:00:00
8	Kamla	MADHUBANI	66.75	67.75	71.35	67.19	67.15
	Jainagar	Bihar			01-08-1965	Rising	Steady
						40.0	21-08-2022
						14:00	16:00:00
9	Burhi Gandak	KHAGARIA	35.58	36.58	39.22	35.64	35.74
	Khagaria	Bihar			16-08-1976	Rising	Rising
						20.0	22-08-2022
						14:00	06:00:00
10	Sone	PATNA	51.0	52.0	53.79	51.45	51.6
	Maner	Bihar			10-09-1976	Steady	Rising
						0.0	22-08-2022
						14:00	08:00:00
11	Bagmati	MUZAFFARPUR	54.0	55.0	58.15	54.08	53.95
	Runisaidpur	Bihar			14-08-2017	Steady	Falling
						0.0	22-08-2022
						14:00	06:00:00
12	Baitarani	KENDUJHAR	37.44	38.36	41.35	37.85	37.42
	Anandpur	Odisha			23-09-2011	Falling	Falling
						-170.0	21-08-2022
						14:00	18:00:00
13	Burhabalang	Baleshwar	7.21	8.13	9.5	7.36	7.22
	Govindpur (NH5 Road Bridge)	Odisha			08-10-1973	Steady	Falling
						0.0	21-08-2022
						14:00	20:00:00
14	Vamsadhara	GAJAPATI	54.1	54.6	58.935	54.21	54.09
	Kashinagar	Odisha			18-09-1980	Falling	Falling
						-20.0	21-08-2022
						14:00	18:00:00

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	Mahanadi	CUTTACK	25.41	26.41	27.61	26.34	26.21
	Naraj	Odisha			31-08-1982	Steady	Falling
						0.0	21-08-2022
						14:00	23:00:00
16	Subarnarekha	Baleshwar	9.45	10.36	12.69	10.17	11.4
	Rajghat	Odisha			19-06-2008	Rising	Rising
						270.0	22-08-2022
						14:00	03:00:00
17	Ghagra	Ayodhya	91.73	92.73	94.01	91.92	92.01
	Ayodhya	Uttar Pradesh			11-10-2009	Steady	Rising
						0.0	22-08-2022
						14:00	08:00:00
18	Ghagra	BARABANKI	105.07	106.07	107.616	105.446	105.616
	Elginbridge	Uttar Pradesh			18-08-2014	Rising	Rising
						10.0	22-08-2022
						14:00	08:00:00
19	Ganga	FARRUKHABAD	136.6	137.6	138.14	136.95	136.8
	Fatehgarh	Uttar Pradesh			26-09-2010	Steady	Falling
						0.0	22-08-2022
						14:00	08:00:00
20	Ganga	GHAZIPUR	62.105	63.105	65.22	62.72	62.85
	GHAZIPUR	Uttar Pradesh			09-09-1978	Rising	Rising
						10.0	22-08-2022
						14:00	08:00:00
21	Ganga	Hapur	198.33	199.33	199.9	198.63	198.8
	Garhmukteshwar	Uttar Pradesh			23-09-2010	Steady	Rising
						0.0	22-08-2022
						14:00	08:00:00
22	Ganga	BUDAUN	161.0	162.0	162.79	161.9	162.2
	Kachhlabridge	Uttar Pradesh			24-09-2010	Steady	Rising
						0.0	22-08-2022
						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
23	Gandak	KUSHINAGAR	95.0	96.0	97.5	95.1	95.09
	Khadda	Uttar Pradesh			23-07-2002	Falling	Falling
						-10.0	21-08-2022
						14:00	15:00:00



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		51.621	08:00	Rising	43.0	4300.0	Falling	21-08-2022 18:00:00
2	Godavari	Polavaram Irrigation Project	ELURU	Andhra Pradesh			23.297	06:00	Falling	-100.0	23000.0	Falling	21-08-2022 20:00:00
3	Lower Krishna	Prakasam Barrage	KRISHNA	Andhra Pradesh	17.39	18.3	17.39	14:00	Steady	0.0	4800.0	Rising	21-08-2022 18:00:00
4	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	269.596	12:00	Steady	0.0	6000.0	Falling	21-08-2022 18:00:00
5	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0		291.41	08:00	Rising	110.02	600.0	Falling	21-08-2022 18:00:00
6	Narmada	Sardar Sarovar Project_Gujarat	Narmada	Gujarat			135.82	08:00	Rising	10.01	5555.0	Rising	22-08-2022 01:00:00
7	Tapi	Ukai Reservoir	Surat	Gujarat	105.156	105.539	102.202	08:00	Steady	0.0	1273.0	Steady	22-08-2022 01:00:00
8	Subarnarekha	Chandil Dam	Sahebganj	Jharkhand	189.0	192.0	183.2	08:00	Steady	0	2000.0	Falling	21-08-2022 20:00:00
9	Subarnarekha	Galudih Barrage	PASHCHIMI SINGHBHUM	Jharkhand	94.5	101.25	92.5	08:00	Steady	0	14000.0	Falling	21-08-2022 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	Barakar	Maithon Reservoir	DHANBAD	Jharkhand	150.88	151.79	140.94	12:00	Rising	100.01	185.0	Falling	22-08-2022 06:00:00
11	Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	124.58	12:00	Rising	190.0	926.0	Rising	22-08-2022 06:00:00
12	Damodar	Tenughat Reservoir	BOKARO	Jharkhand	268.834	268.83	261.18	12:00	Rising	9.98	694.0	Falling	22-08-2022 06:00:00
13	Krishna	Almatti Reservoir	Bagalkot	Karnataka	519.6	519.6	519.7	12:00	Rising	100.04	2200.0	Falling	21-08-2022 20:00:00
14	Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	657.19	06:00	Rising	5.0	180.0	Steady	22-08-2022 12:00:00
15	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		890.595	06:00	Falling	-15.01	135.0	Steady	22-08-2022 12:00:00
16	Krishna	Hipparagi Barrage	Bagalkot	Karnataka	524.87	531.4	521.55	08:00	Falling	-549.99	2000.0	Falling	22-08-2022 08:00:00
17	Kabini	Kabini Reservoir	Mysore	Karnataka	696.16		695.989	06:00	Falling	-6.96	115.0	Steady	22-08-2022 12:00:00
18	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		752.295	06:00	Rising	36.99	190.0	Steady	22-08-2022 12:00:00
19	Krishna	Narayanapura Reservoir	Bagalkot	Karnataka	492.25	492.25	491.88	14:00	Steady	0.0	2000.0	Falling	21-08-2022 20:00:00
20	Tungabhadra	Singatalur Barrage	Gadag	Karnataka	507.0		506.75	08:00	Steady	0.0	600.0	Steady	21-08-2022 20:00:00
21	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.738	12:00	Steady	0.0	725.0	Steady	21-08-2022 20:00:00
22	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	0.0	300.0	Steady	22-08-2022 12:00:00
23	Narmada	Bargi Reservoir	JABALPUR	Madhya Pradesh	422.76	425.7	420.5	13:00	Rising	100.01	4000.0	Rising	22-08-2022 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	Narmada	Indira Sagar Reservoir	EAST NIMAR	Madhya Pradesh	262.13	263.35	260.82	11:00	Steady	0.0	4800.0	Falling	21-08-2022 15:00:00
25	Betwa	RAJGHAT DAM	ASHOK NAGAR	Madhya Pradesh	371.0	373.07	369.55	08:00	Steady	0.0	7523.14	Steady	22-08-2022 06:00:00
26	Tawa	Tawa Reservoir	HOSHANGABAD	Madhya Pradesh	355.4	356.692	354.208	08:00	Rising	30.0	2500.0	Rising	22-08-2022 13:00:00
27	Wardha	Upper Wardha Project	Amravati	Maharashtra	342.5	343.5	341.7	08:00	Steady	0.0	500.0	Falling	22-08-2022 09:00:00
28	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		189.33	12:00	Rising	9.99	3500.0	Falling	22-08-2022 09:00:00
29	Brahmani	Rengali Reservoir	ANUGUL	Odisha	123.5	125.4	120.06	12:00	Rising	90.0	3800.0	Rising	22-08-2022 10:00:00
30	Kalisindh	Kalisindh Dam	JHALAWAR	Rajasthan	316.0	316.0	314.83	08:00	Steady	0	878.0	Rising	22-08-2022 10:00:00
31	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	0.0	250.0	Falling	22-08-2022 10:00:00
32	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	240.798	08:00	Steady	0.0	250.0	Falling	22-08-2022 10:00:00
33	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.5	06:00	Falling	-280.0	250.0	Falling	22-08-2022 10:00:00
34	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	93.0	12:00	Falling	-100.0	10000.0	Falling	22-08-2022 06:00:00
35	Krishna	P.D. Jurala	MAHBUBNAGAR	Telangana	318.52		318.14	14:00	Falling	-9.98	4800.0	Falling	21-08-2022 18:00:00
36	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	79.0	12:00	Steady	0.0	15000.0	Falling	22-08-2022 06:00:00
37	Godavari	Sripada Yellampalli Project	KARIMNAGAR	Telangana	148.0		146.72	12:00	Steady	0.0	3000.0	Falling	22-08-2022 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	Godavari	Sriram Sagar Reservoir	NIRMAL	Telangana	332.54	333.15	332.262	12:00	Steady	0.0	1600.0	Falling	22-08-2022 06:00:00
39	Ganga	Dharamnagari Barrage	BIJNOR	Uttar Pradesh			219.7	09:00	Steady	0.0	2000.0	Falling	22-08-2022 08:00:00
40	Ghagra	Katerniaghat Barrage	BAHRAICH	Uttar Pradesh	136.8	138.0	137.7	09:00	Steady	0.0	3500.0	Falling	22-08-2022 08:00:00
41	Betwa	Matatila Reservoir	LALITPUR	Uttar Pradesh	308.46	310.04	307.88	08:00	Steady	0.0	6365.74	Steady	22-08-2022 08:00:00
42	Ganga	NARORA Barrage	Buland Shahar	Uttar Pradesh	179.07		179.07	13:00	Steady	0.0	4811.0	Rising	22-08-2022 08:00:00
43	Kangsabati	Kangsabati Reservoir	MEDINIPUR	West Bengal	134.11		130.84	12:00	Rising	39.99	486.0	Falling	22-08-2022 06:00:00