



Central Water Commission

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

Date:	20/07/2022
Bulletin No:	81

West Block 2, Ground Floor
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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))	4
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	15
Total number of sites above Warning Level (A+B+C)		19
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		
						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	41.97	41.4
	Kunavaram	Andhra Pradesh			16-08-1986	Falling	Falling
						-90.0	20-07-2022
						14:00	21:00:00
2	Kosi	SUPAUL	46.75	47.75	49.24	48.43	48.4
	Basua	Bihar			13-08-2017	Falling	Falling
						-20.0	20-07-2022
						14:00	22:00:00
3	Cauvery	Tiruchirappalli	82.115	83.115	86.98	83.2	82.7
	MUSIRI	Tamil Nadu			25-11-2005	Falling	Falling
						-40.0	20-07-2022
						12:00	21:00:00
4	Wardha	KUMURAM BHEEM	159.95	160.95	162.57	162.02	161.7
	Sirpur (Town)	Telangana			15-07-2022	Rising	Falling
						40.01	20-07-2022
						14:00	19:00:00



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	42.42	41.5
	Chinturu (Tallagudem/Kummuru)	Andhra Pradesh			16-08-1986	Falling	Falling
						-80.0	20-07-2022
						13:00	21:00:00
2	Godavari	EAST GODAVARI	14.25	16.08	18.36	15.46	15.12
	Dowlaiswaram (State Govt Site)	Andhra Pradesh			16-08-1986	Falling	Falling
						-30.0	20-07-2022
						14:00	21:00:00
3	Tungabhadra	KURNOOL	310.0	312.0	318.77	311.1	310.65
	Mantralayam	Andhra Pradesh			02-10-2009	Falling	Falling
						-49.99	20-07-2022
						14:00	18:00:00
4	Brahmaputra	DIBRUGARH	104.7	105.7	106.48	104.91	104.96
	Dibrugarh	Assam			03-09-1998	Steady	Steady
						0.0	20-07-2022
						13:00	21:00:00
5	Brahmaputra	JORHAT	84.54	85.54	87.37	84.62	84.75
	Neamatighat	Assam			11-07-1991	Rising	Rising
						30.01	20-07-2022
						14:00	18:00:00
6	Kosi	KHAGARIA	32.85	33.85	36.4	32.98	33.1
	Baltara	Bihar			15-08-1987	Rising	Rising
						20.0	21-07-2022
						14:00	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	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	47.83	47.83
	Benibad	Bihar			12-07-2004	Steady	Steady
						0.0	21-07-2022
						14:00	06:00:00
8	Gandak	GOPALGANJ	61.22	62.22	64.36	61.53	61.52
	Dumariaghat	Bihar			24-07-2020	Falling	Steady
						-10.0	21-07-2022
						14:00	06:00:00
9	Kamla	MADHUBANI	66.75	67.75	71.35	66.96	66.9
	Jainagar	Bihar			01-08-1965	Falling	Steady
						-10.0	20-07-2022
						14:00	16:00:00
10	Wardha	Chandrapur	171.5	174.0	176.45	173.55	173.6
	Bamni (Ballarsha)	Maharashtra			14-08-1986	Steady	Rising
						0.0	21-07-2022
						14:00	00:00:00
11	Godavari	BHADRADRI	45.72	48.77	55.66	47.21	47.91
	Bhadrachalam	Telangana			16-08-1986	Steady	Rising
						0.0	20-07-2022
						14:00	21:00:00
12	Godavari	BHADRADRI	53.0	55.0	60.25	53.1	53.3
	Dummugudem	Telangana			16-08-1986	Rising	Rising
						60.0	20-07-2022
						14:00	21:00:00
13	Godavari	MULUGU	73.32	75.82	77.66	73.65	74.05
	Eturunagaram	Telangana			24-08-1990	Steady	Rising
						0.0	20-07-2022
						14:00	21:00:00
14	Ghagra	BARABANKI	105.07	106.07	107.616	105.156	105.406
	Elginbridge	Uttar Pradesh			18-08-2014	Steady	Rising
						0.0	21-07-2022
						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	Ganga	BUDAUN	161.0	162.0	162.79	161.4	161.2
	Kachhlabridge	Uttar Pradesh			24-09-2010	Rising	Falling
						9.99	21-07-2022
						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	Godavari	Indirasagar Project(Polavaram)	ELURU	Andhra Pradesh			25.097	07:00	Falling	-650.0	34000.0	Falling	20-07-2022 20:00:00
2	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	267.401	14:00	Rising	61.0	8000.0	Falling	20-07-2022 18:00:00
3	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0		289.1	08:00	Falling	-100.01	3500.0	Falling	20-07-2022 18:00:00
4	Tapi	Ukai Reservoir	Surat	Gujarat	105.156	105.539	101.614	14:00	Rising	6.0	5787.0	Falling	20-07-2022 22:00:00
5	Krishna	Almatti Reservoir	Bagalkot	Karnataka	519.6	519.6	517.58	14:00	Rising	10.01	2800.0	Falling	20-07-2022 20:00:00
6	Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	656.728	06:00	Rising	152.04	270.0	Steady	21-07-2022 12:00:00
7	Harangi	Harangi Reservoir	Kodagu	Karnataka	871.42		870.238	06:00	Rising	118.96	130.0	Steady	21-07-2022 12:00:00
8	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		890.016	06:00	Falling	-52.0	280.0	Falling	21-07-2022 12:00:00
9	Ghatprabha	Hidkal Reservoir	Belgaum	Karnataka	662.94	662.94	655.344	08:00	Steady	0.0	170.0	Steady	21-07-2022 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	Krishna	Hipparagi Barrage	Bagalkot	Karnataka	524.87	531.4	521.7	08:00	Falling	-549.99	2500.0	Falling	21-07-2022 08:00:00
11	Kabini	Kabini Reservoir	Mysore	Karnataka	696.16		696.099	06:00	Rising	414.0	370.0	Falling	21-07-2022 12:00:00
12	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		752.49	06:00	Rising	91.0	1150.0	Falling	21-07-2022 12:00:00
13	Malaprabha	Malaprabha Dam	Belgaum	Karnataka	633.83	633.83	630.143	08:00	Steady	0.0	140.0	Steady	21-07-2022 12:00:00
14	Krishna	Narayanapura Reservoir	Bagalkot	Karnataka	492.25	492.25	491.3	14:00	Steady	0.0	2200.0	Falling	20-07-2022 20:00:00
15	Tungabhadra	Singatalur Barrage	Gadag	Karnataka	507.0		506.5	08:00	Steady	0.0	3500.0	Falling	20-07-2022 20:00:00
16	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.33	14:00	Rising	8.97	3500.0	Falling	20-07-2022 20:00:00
17	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	0.0	400.0	Falling	21-07-2022 12:00:00
18	Narmada	Indira Sagar Reservoir	EAST NIMAR	Madhya Pradesh	262.13	263.35	257.5	12:00	Rising	60.0	5500.0	Falling	21-07-2022 11:00:00
19	Tapi	HATHNUR	Jalgaon	Maharashtra	214.0		209.94	14:00	Falling	-30.0	3009.0	Falling	20-07-2022 17:00:00
20	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		187.16	12:00	Rising	10.01	4100.0	Falling	21-07-2022 09:00:00
21	Bhavani	Bhavani Sagar Dam	Erode	Tamil Nadu	278.892	280.42	278.575	08:00	Rising	192.02	150.0	Falling	21-07-2022 10:00:00
22	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	0.0	1200.0	Falling	21-07-2022 10:00:00
23	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	240.92	08:00	Rising	39.99	2000.0	Falling	21-07-2022 10:00:00

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	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	75.47	06:00	Steady	0.0	2000.0	Falling	21-07-2022 10:00:00
25	Vaigai	Vaigai Reservoir	Theni	Tamil Nadu	279.2		275.387	06:00	Rising	109.99	55.0	Steady	21-07-2022 10:00:00
26	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	97.4	12:00	Falling	-300.0	24000.0	Falling	21-07-2022 06:00:00
27	Krishna	P.D. Jurala	MAHBUBNAGAR	Telangana	318.52		317.75	14:00	Rising	30.0	2500.0	Falling	20-07-2022 18:00:00
28	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	83.6	12:00	Steady	0.0	26000.0	Falling	21-07-2022 06:00:00
29	Godavari	Sripada Yellampalli Project	KARIMNAGAR	Telangana	148.0		146.73	13:00	Rising	19.99	2000.0	Falling	21-07-2022 06:00:00
30	Ghagra	Katerniaghat Barrage	BAHRAICH	Uttar Pradesh	136.8	138.0	137.8	12:00	Steady	0.0	5500.0	Rising	21-07-2022 08:00:00