



Central Water Commission

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

Date:	16/10/2022
Bulletin No:	169

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)	2
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	17
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)		39
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)		25

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
1	Ghagra	SIWAN	59.82	60.82	61.74	61.77	61.67
	Darauli	Bihar			29-08-1998	Steady	Falling
						0.0	17-10-2022
						14:00	08:00:00
2	Rapti	SIDDHARTH NAGAR	83.9	84.9	85.95	86.27	86.25
	Bansi	Uttar Pradesh			03-09-2021	Steady	Steady
						0.0	16-10-2022
						14:00	15:00:00



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	48.08	48.0
	Basua	Bihar			13-08-2017	Falling	Falling
						-10.0	16-10-2022
						14:00	22:00:00
2	Ganga	PATNA	47.6	48.6	50.52	48.89	48.95
	Gandhighat	Bihar			21-08-2016	Steady	Steady
						0.0	17-10-2022
						14:00	08:00:00
3	Ghagra	SIWAN	56.04	57.04	58.01	57.96	57.96
	Gangpur Siswan	Bihar			18-09-1983	Steady	Falling
						0.0	17-10-2022
						08:00	04:00:00
4	Ganga	PATNA	40.76	41.76	43.52	42.27	42.38
	Hathidah	Bihar			16-08-2021	Rising	Rising
						10.0	17-10-2022
						14:00	08:00:00
5	Ganga	BHAGALPUR	30.09	31.09	32.87	31.51	31.73
	Kahalgaoon	Bihar			17-09-2003	Rising	Rising
						10.0	17-10-2022
						14:00	22:00:00
6	Burhi Gandak	KHAGARIA	35.58	36.58	39.22	36.92	36.98
	Khagaria	Bihar			16-08-1976	Steady	Steady
						0.0	17-10-2022
						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	Kosi	KATIHAR	29.0	30.0	32.1	30.47	30.6
	Kursela	Bihar			07-09-1982	Steady	Rising
						0.0	17-10-2022
						14:00	06:00:00
8	Ganga	Sahebganj	26.25	27.25	30.91	27.53	27.7
	Sahibganj	Jharkhand			20-08-1998	Rising	Rising
						10.0	17-10-2022
						14:00	06:00:00
9	Cauvery	Erode	125.5	126.5	128.14	127.48	127.5
	KODUMUDI	Tamil Nadu			17-08-2018	Rising	Rising
						20.0	16-10-2022
						14:00	21:00:00
10	Cauvery	Tiruchirappalli	82.115	83.115	86.98	83.31	84.0
	MUSIRI	Tamil Nadu			25-11-2005	Steady	Rising
						0.0	16-10-2022
						14:00	21:00:00
11	Ghagra	Ayodhya	91.73	92.73	94.01	93.08	92.8
	Ayodhya	Uttar Pradesh			11-10-2009	Falling	Falling
						-9.99	17-10-2022
						14:00	08:00:00
12	Ganga	BALLIA	56.615	57.615	60.39	58.08	58.16
	BALLIA	Uttar Pradesh			25-08-2016	Steady	Steady
						0.0	16-10-2022
						14:00	16:00:00
13	Rapti	GORAKHPUR	73.98	74.98	77.54	76.1	76.1
	Birdghat	Uttar Pradesh			23-08-1998	Steady	Steady
						0.0	17-10-2022
						14:00	08:00:00
14	Ramganga	Shahjhanpur	136.3	137.3	139.695	137.65	137.5
	Dabri	Uttar Pradesh			28-09-1983	Falling	Falling
						-10.01	17-10-2022
						14:00	08:00:00

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	Ganga	BUDAUN	161.0	162.0	162.79	162.01	161.9
	Kachhlabridge	Uttar Pradesh			24-09-2010	Steady	Falling
						0.0	17-10-2022
						14:00	08:00:00
16	Ghagra	BALLIA	63.01	64.01	66.0	65.6	65.45
	Turtipar	Uttar Pradesh			28-08-1998	Falling	Falling
						-10.0	17-10-2022
						14:00	08:00:00
17	Ganga	MURSHIDABAD	21.25	22.25	25.14	22.48	22.58
	Farakka(FF)	West Bengal			07-09-1998	Steady	Rising
						0.0	17-10-2022
						14:00	20:00:00



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	Brahmaputra	DHUBRI	27.62	28.62	30.37	28.38	28.39
	Dhubri	Assam			17-07-2019	Steady	Steady
						0.0	16-10-2022
						14:00	21:00:00
2	Brahmaputra	GOALPARA	35.27	36.27	37.43	35.69	35.6
	Goalpara	Assam			31-07-1954	Steady	Falling
						0.0	17-10-2022
						14:00	06:00:00
3	Brahmaputra	KAMRUP	48.68	49.68	51.46	48.92	48.82
	Guwahati(D.C.Court)	Assam			21-07-2004	Falling	Falling
						-10.0	17-10-2022
						14:00	06:00:00
4	Brahmaputra	JORHAT	84.54	85.54	87.37	85.43	85.34
	Neamatighat	Assam			11-07-1991	Falling	Falling
						-10.0	16-10-2022
						14:00	18:00:00
5	Brahmaputra	SONITPUR	64.23	65.23	66.59	65.1	65.06
	Tezpur	Assam			27-08-1988	Steady	Falling
						0.0	16-10-2022
						14:00	18:00:00
6	Parman	ARARIA	46.0	47.0	49.4	46.6	46.5
	Araria	Bihar			14-08-2017	Falling	Falling
						-20.0	16-10-2022
						14:00	20:00:00

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	Kosi	KHAGARIA	32.85	33.85	36.4	33.29	33.15
	Baltara	Bihar			15-08-1987	Falling	Falling
						-10.0	17-10-2022
						14:00	06:00:00
8	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	47.84	47.84
	Benibad	Bihar			12-07-2004	Steady	Steady
						0.0	17-10-2022
						14:00	06:00:00
9	Ganga	BHAGALPUR	32.68	33.68	34.86	33.32	33.54
	Bhagalpur	Bihar			18-08-2021	Rising	Rising
						10.0	17-10-2022
						14:00	16:00:00
10	Ganga	PATNA	49.45	50.45	52.52	50.11	50.15
	Dighaghat	Bihar			23-08-1975	Steady	Steady
						0.0	17-10-2022
						14:00	08:00:00
11	Gandak	GOPALGANJ	61.22	62.22	64.36	61.83	61.75
	Dumariaghat	Bihar			24-07-2020	Falling	Falling
						-10.0	17-10-2022
						14:00	06:00:00
12	Kamla	MADHUBANI	66.75	67.75	71.35	67.2	67.15
	Jainagar	Bihar			01-08-1965	Falling	Steady
						-10.0	16-10-2022
						14:00	16:00:00
13	Kamalabalan	MADHUBANI	49.0	50.0	53.11	49.28	49.28
	Jhanjharpur	Bihar			14-07-2019	Steady	Steady
						0.0	16-10-2022
						14:00	16:00:00
14	Sone	PATNA	51.0	52.0	53.79	51.89	51.95
	Maner	Bihar			10-09-1976	Rising	Steady
						10.0	17-10-2022
						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	KANPUR NAGAR	123.0	124.0	124.49	123.46	123.35
	Ankinghat	Uttar Pradesh			28-09-2010	Steady	Falling
						0.0	17-10-2022
						14:00	08:00:00
16	Rapti	BALRAMPUR	103.62	104.62	105.54	104.24	103.9
	Balrampur	Uttar Pradesh			15-08-2017	Falling	Falling
						-10.0	17-10-2022
						14:00	08:00:00
17	Ghagra	BARABANKI	105.07	106.07	107.616	105.946	105.846
	Elginbridge	Uttar Pradesh			18-08-2014	Falling	Falling
						-20.0	17-10-2022
						14:00	08:00:00
18	Ganga	FARRUKHABAD	136.6	137.6	138.14	137.09	136.95
	Fatehgarh	Uttar Pradesh			26-09-2010	Falling	Falling
						-20.0	17-10-2022
						14:00	08:00:00
19	Ganga	KANNAUJ	124.97	125.97	126.78	125.48	125.4
	Kannauj	Uttar Pradesh			27-09-2010	Steady	Falling
						0.0	17-10-2022
						14:00	08:00:00
20	Ganga	KANPUR NAGAR	112.0	114.0	114.075	112.35	112.42
	Kanpur	Uttar Pradesh			29-09-2010	Rising	Rising
						10.0	17-10-2022
						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		52.279	08:00	Rising	18.0	11000.0	Steady	16-10-2022 18:00:00
2	Lower Krishna	Prakasam Barrage	KRISHNA	Andhra Pradesh	17.39	18.3	17.96	12:00	Rising	20.0	14000.0	Steady	16-10-2022 18:00:00
3	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	269.535	12:00	Steady	0.0	10000.0	Steady	16-10-2022 18:00:00
4	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0		290.999	08:00	Rising	97.99	1800.0	Steady	16-10-2022 18:00:00
5	Narmada	Sardar Sarovar Project_Gujarat	Narmada	Gujarat	138.68	140.21	138.56	14:00	Steady	0.0	1505.0	Steady	16-10-2022 17:00:00
6	Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	127.07	09:00	Rising	30.0	231.0	Falling	17-10-2022 06:00:00
7	Damodar	Tenughat Reservoir	BOKARO	Jharkhand	268.834	268.83	261.29	12:00	Steady	0.0	174.0	Rising	17-10-2022 06:00:00
8	Krishna	Almatti Reservoir	Bagalkot	Karnataka	519.6	519.6	519.5	12:00	Rising	10.01	2000.0	Steady	16-10-2022 20:00:00
9	Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	657.682	08:00	Falling	-60.97	220.0	Steady	17-10-2022 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		890.626	08:00	Steady	0.0	235.0	Steady	17-10-2022 12:00:00
11	Krishna	Hipparagi Barrage	Bagalkot	Karnataka	524.87	531.4	522.5	08:00	Falling	-99.98	1500.0	Steady	17-10-2022 08:00:00
12	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		752.423	08:00	Falling	-67.02	1300.0	Steady	17-10-2022 12:00:00
13	Krishna	Narayanapura Reservoir	Bagalkot	Karnataka	492.25	492.25	491.85	13:00	Steady	0.0	2500.0	Steady	16-10-2022 20:00:00
14	Tungabhadra	Singatalur Barrage	Gadag	Karnataka	507.0		506.8	08:00	Steady	0.0	1500.0	Steady	16-10-2022 20:00:00
15	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.705	12:00	Steady	0.0	1500.0	Steady	16-10-2022 20:00:00
16	Tapi	HATHNUR	Jalgaon	Maharashtra	214.0		214.02	13:00	Steady	0.0	394.0	Falling	16-10-2022 17:00:00
17	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	0.0	650.0	Steady	17-10-2022 10:00:00
18	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	240.798	08:00	Steady	0.0	5000.0	Rising	17-10-2022 10:00:00
19	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	75.46	06:00	Rising	710.0	5000.0	Rising	17-10-2022 10:00:00
20	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	94.7	12:00	Rising	300.0	7000.0	Steady	17-10-2022 06:00:00
21	Krishna	P.D. Jurala	MAHBUBNAGAR	Telangana	318.52		317.98	12:00	Rising	20.02	5700.0	Steady	16-10-2022 18:00:00
22	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	77.2	12:00	Falling	-100.01	9000.0	Steady	17-10-2022 06:00:00
23	Godavari	Sripada Yellampalli Project	KARIMNAGAR	Telangana	148.0		147.77	13:00	Steady	0.0	5000.0	Rising	17-10-2022 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	Godavari	Sriram Sagar Reservoir	NIRMAL	Telangana	332.54	333.15	332.537	10:00	Steady	0.0	2500.0	Falling	17-10-2022 06:00:00
25	Ghagra	Katerniaghat Barrage	BAHRAICH	Uttar Pradesh	136.8	138.0	135.5	08:00	Steady	0.0	3600.0	Steady	17-10-2022 08:00:00