



Central Water Commission

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

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Date: 12/10/2024

Bulletin No: 165

FLOOD SITUATION SUMMARY

PART - I: LEVEL FORECAST		(Total Sites - 200)		
S.No.	Flood Situations		State-wise Flood Situation	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))		Bihar(3)	3
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)		Assam(2), Bihar(11), Jharkhand(1), Uttar Pradesh(2), West Bengal(2)	18
Total number of sites above Warning Level (A+B+C)				21
PART - II: INFLOW FORECAST		(Total Sites - 138)		
Number of sites for which inflow forecasts issued: (Where Inflows are equal or exceed the specified Threshold Limit for a particular reservoir / barrage)			Gujarat(2), Karnataka(7), Maharashtra(1), Tamil Nadu(2)	12

URL FOR FLOOD FORECASTING WEBSITE: <https://ffs.india-water.gov.in/>

Name: Duty Officer

URL FOR SEVEN DAYS ADVISORY FLOOD FORECAST (AFF): <https://aff.india-water.gov.in/>

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	Kosi	KHAGARIA	32.85	33.85	36.4	33.87	33.75
	Baltara	Bihar			15-08-1987	Falling	Falling
						-10.0	13-10-2024
						14:00	06:00:00
2	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	48.97	48.85
	Benibad	Bihar			12-07-2004	Falling	Falling
						-10.0	13-10-2024
						14:00	06:00:00
3	Burhi Gandak	SAMASTIPUR	41.63	42.63	46.56	43.27	43.17
	Rosera	Bihar			03-08-2020	Steady	Falling
						0.0	13-10-2024
						14:00	10:00:00



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	DIBRUGARH	104.7	105.7	106.48	104.87	104.92
	Dibrugarh	Assam			03-09-1998	Steady	Rising
						0.0	12-10-2024
						14:00	21:00:00
2	Jiabharali	SONITPUR	77.0	78.0	78.5	77.6	77.58
	NT Road Crossing Jia-Bharali	Assam			26-07-2007	Falling	Steady
						-10.0	12-10-2024
						14:00	15:00:00
3	Parman	ARARIA	46.0	47.0	49.4	46.13	46.0
	Araria	Bihar			14-08-2017	Falling	Falling
						-20.0	12-10-2024
						14:00	20:00:00
4	Gandak	GOPALGANJ	61.22	62.22	64.36	61.48	61.45
	Dumariaghat	Bihar			24-07-2020	Steady	Falling
						0.0	13-10-2024
						14:00	06:00:00
5	Adhwara	DARBHANGA	45.94	46.94	49.52	46.64	46.5
	Ekmighat	Bihar			12-07-2004	Steady	Falling
						0.0	13-10-2024
						14:00	06:00:00
6	Ganga	PATNA	40.76	41.76	43.52	40.79	40.65
	Hathidah	Bihar			16-08-2021	Steady	Falling
						0.0	13-10-2024
						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	Bagmati	DARBHANGA	44.72	45.72	48.96	45.31	45.25
	Hayaghat	Bihar			14-08-1987	Falling	Falling
						-10.0	13-10-2024
						14:00	06:00:00
8	Ganga	BHAGALPUR	30.09	31.09	32.87	30.53	30.37
	Kahalgaon	Bihar			17-09-2003	Falling	Falling
						-10.0	13-10-2024
						14:00	22:00:00
9	Adhwara	DARBHANGA	49.0	50.0	52.99	49.1	49.0
	Kamtaul	Bihar			12-08-1987	Falling	Falling
						-20.0	13-10-2024
						14:00	06:00:00
10	Burhi Gandak	KHAGARIA	35.58	36.58	39.22	36.4	36.28
	Khagaria	Bihar			16-08-1976	Steady	Falling
						0.0	13-10-2024
						14:00	06:00:00
11	Kosi	KATIHAR	29.0	30.0	32.1	29.44	29.3
	Kursela	Bihar			07-09-1982	Falling	Falling
						-10.0	13-10-2024
						14:00	06:00:00
12	Burhi Gandak	SAMASTIPUR	45.02	46.02	49.38	45.41	45.36
	Samastipur	Bihar			15-08-1987	Steady	Falling
						0.0	13-10-2024
						14:00	02:00:00
13	Burhi Gandak	MUZAFFARPUR	51.53	52.53	54.29	51.59	51.45
	Sikandarpur (Muzzafarpur)	Bihar			15-08-1987	Falling	Falling
						-20.0	13-10-2024
						14:00	06:00:00
14	Ganga	Sahebganj	26.25	27.25	30.91	26.56	26.47
	Sahibganj	Jharkhand			20-08-1998	Falling	Falling
						-10.0	13-10-2024
						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
15	Ganga	BUDAUN	161.0	162.0	162.91	161.29	161.25
	Kachhlabridge	Uttar Pradesh			20-07-2023	Steady	Falling
						0.0	12-10-2024
						14:00	20:00:00
16	Ghagra	BALLIA	63.01	64.01	66.0	63.12	63.05
	Turtipar	Uttar Pradesh			28-08-1998	Falling	Falling
						-10.0	13-10-2024
						14:00	08:00:00
17	Ganga	MURSHIDABAD	21.25	22.25	25.14	21.77	21.55
	Farakka(FF)	West Bengal			07-09-1998	Falling	Falling
						-10.0	13-10-2024
						14:00	20:00:00
18	Teesta	COOCH BEHAR	65.45	65.95	66.62	65.5	65.43
	Mekhliganj (R/B)	West Bengal			20-10-2021	Steady	Falling
						0.0	12-10-2024
						14:00	16:00:00



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	Average Inflow (Cumec)	Trend	Date and Time
1	Narmada	Sardar Sarovar Project_Gujarat	Narmada	Gujarat	138.68	140.21	138.14	14:00	Falling	1851.85	Steady	13-10-2024 01:00:00
2	Tapi	Ukai Reservoir	Surat	Gujarat	105.156	105.539	105.141	14:00	Steady	1504.62	Steady	13-10-2024 02:00:00
3	Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	657.719	06:00	Rising	180.0	Steady	13-10-2024 12:00:00
4	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		889.604	06:00	Steady	190.0	Steady	13-10-2024 12:00:00
5	Ghatprabha	Hidkal Reservoir	Belgaum	Karnataka	662.94	662.94	662.94	06:00	Rising	150.0	Steady	13-10-2024 12:00:00
6	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		752.441	08:00	Rising	165.0	Steady	13-10-2024 12:00:00
7	Malaprabha	Malaprabha Dam	Belgaum	Karnataka	633.83	633.83	633.679	06:00	Rising	250.0	Steady	13-10-2024 12:00:00
8	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.415	14:00	Steady	1750.0	Rising	13-10-2024 08:00:00
9	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	200.0	Steady	13-10-2024 12:00:00

S. No.	Name of River	Flood Forecasting Site	District	State	FRL (m)	MWL (m)	Actual Level			Forecast		
							Level (m)	Time	Trend	Average Inflow (Cumec)	Trend	Date and Time
10	Tapi	HATHNUR	Jalgaon	Maharashtra	214.0	214.11	214.12	14:00	Steady	1666.0	Steady	13-10-2024 01:00:00
11	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	340.0	Steady	13-10-2024 10:00:00
12	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.901	06:00	Steady	360.0	Steady	13-10-2024 10:00:00