



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: 19/08/2024

Bulletin No: 111

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(8), Jharkhand(1), Uttar Pradesh(1), West Bengal(1)	11
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)		Assam(1), Bihar(11), Uttar Pradesh(10), West Bengal(1)	23
Total number of sites above Warning Level (A+B+C)				34
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)			Andhra Pradesh(4), Gujarat(1), Jharkhand(2), Karnataka(5), Odisha(2), Tamil Nadu(4), Telangana(2), Uttar Pradesh(1), Uttarakhand(1), West Bengal(1)	23

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
						Trend	Trend
	Station	State			Date (dd-mm-yyyy)	Trend Magnitude (mm/hr)	Date (dd-mm-yyyy)
						Time	Time
1	Kosi	KHAGARIA	32.85	33.85	36.4	35.02	34.95
	Baltara	Bihar			15-08-1987	Falling	Falling
						-10.0	20-08-2024
						14:00	06:00:00
2	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	49.74	49.75
	Benibad	Bihar			12-07-2004	Steady	Steady
						0.0	20-08-2024
						14:00	06:00:00
3	Gandak	GOPALGANJ	61.22	62.22	64.36	62.37	62.34
	Dumariaghat	Bihar			24-07-2020	Rising	Rising
						10.0	20-08-2024
						14:00	06:00:00
4	Ganga	PATNA	47.6	48.6	50.52	48.7	48.67
	Gandhighat	Bihar			21-08-2016	Steady	Steady
						0.0	20-08-2024
						14:00	08:00:00
5	Ganga	PATNA	40.76	41.76	43.52	42.02	41.97
	Hathidah	Bihar			16-08-2021	Steady	Falling
						0.0	20-08-2024
						14:00	08:00:00
6	Ganga	BHAGALPUR	30.09	31.09	32.87	31.88	31.78
	Kahalgaoon	Bihar			17-09-2003	Steady	Falling
						0.0	20-08-2024
						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
7	Burhi Gandak	KHAGARIA	35.58	36.58	39.22	37.3	37.4
	Khagaria	Bihar			16-08-1976	Steady	Rising
						0.0	20-08-2024
						14:00	06:00:00
8	Kosi	KATIHAR	29.0	30.0	32.1	30.89	30.86
	Kursela	Bihar			07-09-1982	Steady	Falling
						0.0	20-08-2024
						14:00	06:00:00
9	Ganga	Sahebganj	26.25	27.25	30.91	28.03	28.0
	Sahibganj	Jharkhand			20-08-1998	Steady	Falling
						0.0	20-08-2024
						14:00	06:00:00
10	Ganga	BALLIA	56.615	57.615	60.39	57.79	57.88
	Ballia	Uttar Pradesh			25-08-2016	Steady	Rising
						0.0	20-08-2024
						14:00	08:00:00
11	Ganga	MURSHIDABAD	21.25	22.25	25.14	22.94	22.9
	Farakka(FF)	West Bengal			07-09-1998	Falling	Falling
						-20.0	20-08-2024
						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	Kushiyara	KARIMGANJ	13.94	14.94	16.57	14.1	14.16
	Karimganj	Assam			10-06-2010	Rising	Rising
						10.0	19-08-2024
						14:00	18:00:00
2	Parman	ARARIA	46.0	47.0	49.4	46.66	46.7
	Araria	Bihar			14-08-2017	Steady	Rising
						0.0	19-08-2024
						14:00	20:00:00
3	Kosi	SUPAUL	46.75	47.75	49.24	47.15	47.17
	Basua	Bihar			13-08-2017	Steady	Steady
						0.0	19-08-2024
						14:00	22:00:00
4	Ganga	BHAGALPUR	32.68	33.68	34.86	33.63	33.48
	Bhagalpur	Bihar			18-08-2021	Steady	Falling
						0.0	20-08-2024
						14:00	16:00:00
5	Ghagra	SIWAN	59.82	60.82	61.82	60.71	60.75
	Darauli	Bihar			15-10-2022	Steady	Falling
						0.0	20-08-2024
						14:00	08:00:00
6	Bagmati	SITAMARHI	70.0	71.0	73.0	70.38	70.1
	Dheng Bridge	Bihar			13-08-2017	Falling	Falling
						-20.0	19-08-2024
						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	PATNA	49.45	50.45	52.52	49.84	49.75
	Dighaghat	Bihar			23-08-1975	Steady	Falling
						0.0	20-08-2024
						14:00	08:00:00
8	Ghagra	SIWAN	56.04	57.04	58.26	56.42	56.42
	Gangpur Siswan	Bihar			17-08-1980	Steady	Steady
						0.0	20-08-2024
						14:00	04:00:00
9	Kamalabalan	MADHUBANI	49.5	50.5	53.11	49.7	49.7
	Jhanjharpur	Bihar			14-07-2019	Falling	Steady
						-10.0	19-08-2024
						14:00	16:00:00
10	Sone	PATNA	51.0	52.0	53.79	51.01	50.94
	Maner	Bihar			10-09-1976	Steady	Falling
						0.0	20-08-2024
						14:00	08:00:00
11	Ganga	MUNGER	38.33	39.33	40.99	38.46	38.37
	Munger	Bihar			19-09-1976	Falling	Falling
						-10.0	20-08-2024
						14:00	08:00:00
12	Bagmati	MUZAFFARPUR	54.0	55.0	58.15	54.84	54.85
	Runisaidpur	Bihar			14-08-2017	Falling	Falling
						-40.0	19-08-2024
						14:00	18:00:00
13	Ghagra	Ayodhya	91.73	92.73	94.01	92.36	92.25
	Ayodhya	Uttar Pradesh			11-10-2009	Steady	Falling
						0.0	20-08-2024
						14:00	08:00:00
14	Rapti	BALRAMPUR	103.62	104.62	106.07	104.56	104.45
	Balrampur	Uttar Pradesh			10-10-2022	Steady	Falling
						0.0	19-08-2024
						14:00	21:00:00

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	Rapti	SIDDHARTH NAGAR	83.9	84.9	86.27	84.23	84.35
	Bansi	Uttar Pradesh			16-10-2022	Rising	Rising
						50.0	19-08-2024
						14:00	21:00:00
16	Rapti	GORAKHPUR	73.98	74.98	77.54	74.29	74.55
	Birdghat	Uttar Pradesh			23-08-1998	Rising	Rising
						20.0	19-08-2024
						14:00	21:00:00
17	Ghagra	BARABANKI	105.07	106.07	107.616	105.986	105.976
	Elginbridge	Uttar Pradesh			18-08-2014	Rising	Rising
						20.0	19-08-2024
						14:00	21:00:00
18	Ganga	FARRUKHABAD	136.6	137.6	138.14	137.17	137.2
	Fatehgarh	Uttar Pradesh			26-09-2010	Steady	Steady
						0.0	20-08-2024
						14:00	08:00:00
19	Ganga	Hapur	198.33	199.33	199.9	198.33	198.3
	Garhmukteshwar	Uttar Pradesh			22-09-2010	Falling	Steady
						-20.0	20-08-2024
						14:00	08:00:00
20	Ganga	BUDAUN	161.0	162.0	162.91	161.9	161.9
	Kachhlabridge	Uttar Pradesh			20-07-2023	Falling	Falling
						-40.01	19-08-2024
						14:00	20:00:00
21	Gandak	KUSHINAGAR	95.0	96.0	97.5	95.2	95.22
	Khadda	Uttar Pradesh			23-07-2002	Falling	Falling
						-20.0	19-08-2024
						14:00	15:00:00
22	Ghagra	BALLIA	63.01	64.01	66.0	63.94	64.0
	Turtipar	Uttar Pradesh			28-08-1998	Steady	Rising
						0.0	19-08-2024
						14:00	21:00:00

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
23	Teesta	COOCH BEHAR	65.45	65.95	66.62	65.57	65.63
	Mekhliganj (R/B)	West Bengal			20-10-2021	Falling	Rising
						-10.0	19-08-2024
						14:00	18:00:00



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	Krishna	DR KLRS Pulichintala Dam	GUNTUR	Andhra Pradesh	53.34		53.34	08:00	Steady	900.0	Falling	19-08-2024 18:00:00
2	Krishna	Prakasam Barrage	KRISHNA	Andhra Pradesh	17.39	18.3	17.39	14:00	Steady	1000.0	Falling	19-08-2024 18:00:00
3	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	268.62	12:00	Steady	2800.0	Steady	20-08-2024 06:00:00
4	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0	292.7	291.8	07:00	Rising	800.0	Falling	19-08-2024 18:00:00
5	Narmada	Sardar Sarovar Project_Gujarat	Narmada	Gujarat	138.68	140.21	134.97	12:00	Steady	2268.5	Steady	19-08-2024 22:00:00
6	Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	123.74	12:00	Rising	463.0	Rising	20-08-2024 06:00:00
7	Damodar	Tenughat Reservoir	BOKARO	Jharkhand	268.834	267.834	258.42	14:00	Rising	289.0	Rising	20-08-2024 06:00:00
8	Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	655.96	06:00	Rising	200.0	Steady	20-08-2024 12:00:00
9	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		890.29	06:00	Falling	205.0	Steady	20-08-2024 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	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		752.082	08:00	Rising	315.0	Steady	20-08-2024 12:00:00
11	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	495.199	12:00	Rising	650.0	Falling	20-08-2024 08:00:00
12	Tunga	Upper Tunga Prjct	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	210.0	Steady	20-08-2024 12:00:00
13	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		188.35	12:00	Rising	2200.0	Falling	20-08-2024 09:00:00
14	Brahmani	Rengali Reservoir	ANUGUL	Odisha	123.5	125.4	120.13	08:00	Rising	1600.0	Steady	20-08-2024 10:00:00
15	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	520.0	Falling	20-08-2024 10:00:00
16	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	240.798	08:00	Steady	400.0	Falling	20-08-2024 10:00:00
17	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.971	06:00	Rising	550.0	Steady	20-08-2024 10:00:00
18	Vaigai	Vaigai Reservoir	Theni	Tamil Nadu	279.2		277.097	06:00	Rising	50.0	Steady	20-08-2024 10:00:00
19	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	91.3	06:00	Falling	5200.0	Steady	20-08-2024 06:00:00
20	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	76.4	06:00	Falling	6200.0	Falling	20-08-2024 06:00:00
21	Ghagra	Katerniaghat Barrage	BAHRAICH	Uttar Pradesh	136.8	138.0	137.5	08:00	Steady	3800.0	Falling	20-08-2024 08:00:00
22	Bhagirathi	Tehri Dam	Tehri Garhwal	Uttarakhand	830.0	835.0	812.21	13:00	Rising	950.0	Rising	20-08-2024 09:00:00
23	Damodar	DURGAPUR BARRAGE	PURBA BARDHAMAN	West Bengal			64.465	12:00	Steady	544.0	Falling	20-08-2024 06:00:00