



Central Water Commission

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

West Block 2, Ground Floor
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Date: 16/08/2024

Bulletin No: 108

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))		Assam(1), Bihar(11), Jharkhand(1), Uttar Pradesh(2), West Bengal(1)	16
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)		Andhra Pradesh(1), Assam(6), Bihar(8), Uttar Pradesh(7), West Bengal(1)	23
Total number of sites above Warning Level (A+B+C)				39
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(3), Gujarat(1), Jharkhand(3), Karnataka(5), Odisha(1), Tamil Nadu(4), Telangana(2), Uttar Pradesh(3), Uttarakhand(1), West Bengal(1)	24

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
	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	Desang	SIVSAGAR	93.46	94.46	96.49	95.8	95.66
	Nanglamoraghat	Assam			06-09-1998	Steady	Falling
						0.0	17-08-2024
						14:00	00:00:00
2	Parman	ARARIA	46.0	47.0	49.4	47.18	47.1
	Araria	Bihar			14-08-2017	Steady	Falling
						0.0	16-08-2024
						14:00	20:00:00
3	Kosi	KHAGARIA	32.85	33.85	36.4	35.25	35.27
	Baltara	Bihar			15-08-1987	Steady	Steady
						0.0	17-08-2024
						14:00	06:00:00
4	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	49.28	48.8
	Benibad	Bihar			12-07-2004	Falling	Falling
						-40.0	17-08-2024
						14:00	06:00:00
5	Ganga	BHAGALPUR	32.68	33.68	34.86	33.93	33.85
	Bhagalpur	Bihar			18-08-2021	Steady	Falling
						0.0	17-08-2024
						14:00	16:00:00
6	Ghagra	SIWAN	59.82	60.82	61.82	61.13	61.0
	Darauli	Bihar			15-10-2022	Steady	Falling
						0.0	17-08-2024
						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	Gandak	GOPALGANJ	61.22	62.22	64.36	62.4	62.35
	Dumariaghat	Bihar			24-07-2020	Falling	Falling
						-10.0	17-08-2024
						14:00	06:00:00
8	Ganga	PATNA	47.6	48.6	50.52	48.9	48.78
	Gandhighat	Bihar			21-08-2016	Steady	Falling
						0.0	17-08-2024
						14:00	08:00:00
9	Ganga	PATNA	40.76	41.76	43.52	42.26	42.14
	Hathidah	Bihar			16-08-2021	Steady	Falling
						0.0	17-08-2024
						14:00	08:00:00
10	Ganga	BHAGALPUR	30.09	31.09	32.87	32.08	32.03
	Kahalgaon	Bihar			17-09-2003	Steady	Falling
						0.0	17-08-2024
						14:00	22:00:00
11	Burhi Gandak	KHAGARIA	35.58	36.58	39.22	37.6	37.55
	Khagaria	Bihar			16-08-1976	Steady	Falling
						0.0	17-08-2024
						14:00	06:00:00
12	Kosi	KATIHAR	29.0	30.0	32.1	31.05	30.98
	Kursela	Bihar			07-09-1982	Steady	Falling
						0.0	17-08-2024
						14:00	06:00:00
13	Ganga	Sahebganj	26.25	27.25	30.91	28.07	28.03
	Sahibganj	Jharkhand			20-08-1998	Steady	Falling
						0.0	17-08-2024
						14:00	06:00:00
14	Ganga	BUDAUN	161.0	162.0	162.91	162.18	162.15
	Kachhlabridge	Uttar Pradesh			20-07-2023	Steady	Falling
						0.0	16-08-2024
						14:00	20:00:00

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	Ghagra	BALLIA	63.01	64.01	66.0	64.29	64.14
	Turtipar	Uttar Pradesh			28-08-1998	Falling	Falling
						-10.0	17-08-2024
						14:00	08:00:00
16	Ganga	MURSHIDABAD	21.25	22.25	25.14	23.09	23.19
	Farakka(FF)	West Bengal			07-09-1998	Steady	Rising
						0.0	17-08-2024
						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	Tungabhadra	KURNOOL	310.0	312.0	318.77	310.6	310.2
	Mantralayam	Andhra Pradesh			02-10-2009	Falling	Falling
						-9.98	16-08-2024
						14:00	21:00:00
2	Buridehing	DIBRUGARH	101.11	102.11	104.16	101.24	101.25
	Chenimari (Khowang)	Assam			02-09-2015	Steady	Falling
						0.0	16-08-2024
						14:00	18:00:00
3	Brahmaputra	DHUBRI	27.62	28.62	30.37	27.96	27.9
	Dhubri	Assam			17-07-2019	Steady	Falling
						0.0	16-08-2024
						14:00	21:00:00
4	Brahmaputra	DIBRUGARH	104.7	105.7	106.48	104.77	104.73
	Dibrugarh	Assam			03-09-1998	Steady	Falling
						0.0	16-08-2024
						14:00	21:00:00
5	Sankosh	DHUBRI	28.94	29.94	30.95	29.05	29.05
	Golokganj	Assam			08-09-2007	Steady	Falling
						0.0	16-08-2024
						14:00	18:00:00
6	Kushiyara	KARIMGANJ	13.94	14.94	16.57	14.03	14.02
	Karimganj	Assam			10-06-2010	Falling	Falling
						-10.0	16-08-2024
						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	Brahmaputra	JORHAT	84.54	85.54	87.37	84.77	84.73
	Neamatighat	Assam			11-07-1991	Steady	Falling
						0.0	16-08-2024
						14:00	18:00:00
8	Kosi	SUPAUL	46.75	47.75	49.24	47.3	47.26
	Basua	Bihar			13-08-2017	Steady	Steady
						0.0	16-08-2024
						14:00	22:00:00
9	Ganga	PATNA	49.45	50.45	52.52	50.14	50.02
	Dighaghat	Bihar			23-08-1975	Falling	Falling
						-10.0	17-08-2024
						14:00	08:00:00
10	Ghagra	SIWAN	56.04	57.04	58.26	56.98	56.9
	Gangpur Siswan	Bihar			17-08-1980	Falling	Falling
						-10.0	17-08-2024
						14:00	04:00:00
11	Kamalabalan	MADHUBANI	49.5	50.5	53.11	49.64	49.6
	Jhanjharpur	Bihar			14-07-2019	Steady	Steady
						0.0	16-08-2024
						14:00	16:00:00
12	Sone	PATNA	51.0	52.0	53.79	51.17	50.98
	Maner	Bihar			10-09-1976	Steady	Falling
						0.0	17-08-2024
						14:00	08:00:00
13	Ganga	MUNGER	38.33	39.33	40.99	38.73	38.69
	Munger	Bihar			19-09-1976	Steady	Falling
						0.0	17-08-2024
						14:00	08:00:00
14	Gandak	MUZAFFARPUR	53.41	54.41	55.46	53.46	53.36
	Rewaghat	Bihar			24-07-2020	Steady	Falling
						0.0	17-08-2024
						14:00	04:00:00

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	Punpun	PATNA	49.6	50.6	53.91	50.1	50.4
	Sripalpur	Bihar			18-09-1976	Falling	Rising
						-20.0	17-08-2024
						14:00	08:00:00
16	Ganga	KANPUR NAGAR	123.0	124.0	124.49	123.04	123.1
	Ankinghat	Uttar Pradesh			28-09-2010	Steady	Rising
						0.0	17-08-2024
						14:00	08:00:00
17	Ghagra	Ayodhya	91.73	92.73	94.01	92.48	92.3
	Ayodhya	Uttar Pradesh			11-10-2009	Steady	Falling
						0.0	17-08-2024
						14:00	08:00:00
18	Ganga	BALLIA	56.615	57.615	60.39	57.43	57.2
	Ballia	Uttar Pradesh			25-08-2016	Steady	Falling
						0.0	17-08-2024
						14:00	08:00:00
19	Ghagra	BARABANKI	105.07	106.07	107.616	105.966	105.756
	Elginbridge	Uttar Pradesh			18-08-2014	Steady	Falling
						0.0	17-08-2024
						14:00	08:00:00
20	Ganga	FARRUKHABAD	136.6	137.6	138.14	137.36	137.3
	Fatehgarh	Uttar Pradesh			26-09-2010	Steady	Steady
						0.0	17-08-2024
						14:00	08:00:00
21	Ganga	Hapur	198.33	199.33	199.9	198.4	198.45
	Garhmukteshwar	Uttar Pradesh			22-09-2010	Falling	Steady
						-10.01	17-08-2024
						14:00	08:00:00
22	Gandak	KUSHINAGAR	95.0	96.0	97.5	95.24	95.2
	Khadda	Uttar Pradesh			23-07-2002	Rising	Rising
						20.0	16-08-2024
						14:00	15:00:00

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	65.68	65.75
	Mekhliganj (R/B)	West Bengal			20-10-2021	Falling	Rising
						-10.0	16-08-2024
						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		53.13	06:00	Rising	1750.0	Steady	16-08-2024 18:00:00
2	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	268.681	14:00	Steady	3250.0	Steady	17-08-2024 06:00:00
3	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0	292.7	291.4	06:00	Steady	2650.0	Falling	16-08-2024 18:00:00
4	Narmada	Sardar Sarovar Project_Gujarat	Narmada	Gujarat	138.68	140.21	135.05	13:00	Rising	2454.0	Steady	16-08-2024 22:00:00
5	Barakar	Maithon Reservoir	DHANBAD	Jharkhand	150.88	151.79	144.16	12:00	Falling	289.0	Falling	17-08-2024 06:00:00
6	Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	124.51	12:00	Falling	787.0	Falling	17-08-2024 06:00:00
7	Damodar	Tenughat Reservoir	BOKARO	Jharkhand	268.834	267.834	258.78	14:00	Falling	174.0	Falling	17-08-2024 06:00:00
8	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		890.482	06:00	Falling	265.0	Steady	17-08-2024 12:00:00
9	Kabini	Kabini Reservoir	Mysore	Karnataka	696.16		695.718	08:00	Falling	170.0	Steady	17-08-2024 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		751.966	08:00	Steady	510.0	Steady	17-08-2024 12:00:00
11	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	494.882	14:00	Falling	1450.0	Steady	17-08-2024 08:00:00
12	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	335.0	Steady	17-08-2024 12:00:00
13	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		187.61	12:00	Rising	1550.0	Steady	17-08-2024 09:00:00
14	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	470.0	Falling	17-08-2024 10:00:00
15	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	240.798	08:00	Steady	600.0	Rising	17-08-2024 10:00:00
16	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.849	06:00	Falling	500.0	Falling	17-08-2024 10:00:00
17	Vaigai	Vaigai Reservoir	Theni	Tamil Nadu	279.2		276.536	06:00	Rising	50.0	Steady	17-08-2024 10:00:00
18	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	90.8	06:00	Steady	3600.0	Falling	17-08-2024 06:00:00
19	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	75.8	06:00	Steady	4700.0	Falling	17-08-2024 06:00:00
20	Ganga	Ch. Charan Singh Madhya Ganga Barrage,	BIJNOR	Uttar Pradesh	220.0		219.6	14:00	Steady	2500.0	Rising	16-08-2024 20:00:00
21	Ghagra	Katerniaghat Barrage	BAHRAICH	Uttar Pradesh	136.8	138.0	137.5	08:00	Steady	3700.0	Falling	17-08-2024 08:00:00
22	Ganga	NARORA Barrage	Buland Shahar	Uttar Pradesh	179.07	180.61	179.07	14:00	Steady	3000.0	Falling	17-08-2024 08:00:00
23	Bhagirathi	Tehri Dam	Tehri Garhwal	Uttarakhand	830.0	835.0	809.67	12:00	Rising	1000.0	Rising	17-08-2024 09:00:00

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
24	Damodar	DURGAPUR BARRAGE	PURBA BARDHAMAN	West Bengal			64.465	12:00	Steady	1493.0	Rising	17-08-2024 06:00:00