



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: 22/08/2024

Bulletin No: 114

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(2), Bihar(10), Jharkhand(1), Tripura(1), Uttar Pradesh(7), West Bengal(1)	22	
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	Assam(4), Bihar(9), Tripura(1), Uttar Pradesh(4), West Bengal(1)	19	
Total number of sites above Warning Level (A+B+C)			41	
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(4), Odisha(2), Tamil Nadu(3), Telangana(3), Uttar Pradesh(2), Uttarakhand(2), West Bengal(2)	25	

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	Kushiyara	KARIMGANJ	13.94	14.94	16.57	15.4	15.39
	Karimganj	Assam			10-06-2010	Steady	Steady
						0.0	22-08-2024
						14:00	18:00:00
2	Katakhal	HAILAKANDI	19.27	20.27	22.73	22.07	22.07
	Matijuri	Assam			10-09-2007	Steady	Steady
						0.0	22-08-2024
						14:00	18:00:00
3	Kosi	KHAGARIA	32.85	33.85	36.4	34.96	34.95
	Baltara	Bihar			15-08-1987	Steady	Steady
						0.0	23-08-2024
						14:00	06:00:00
4	Bagmati	MUZAFFARPUR	47.68	48.68	50.01	49.77	49.8
	Benibad	Bihar			12-07-2004	Rising	Steady
						30.0	23-08-2024
						14:00	06:00:00
5	Ghagra	SIWAN	59.82	60.82	61.82	60.88	60.92
	Darauli	Bihar			15-10-2022	Steady	Rising
						0.0	23-08-2024
						14:00	08:00:00
6	Gandak	GOPALGANJ	61.22	62.22	64.36	62.77	62.75
	Dumariaghat	Bihar			24-07-2020	Rising	Steady
						10.0	23-08-2024
						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
7	Ganga	PATNA	47.6	48.6	50.52	49.04	49.18
	Gandhighat	Bihar			21-08-2016	Rising	Rising
						10.0	23-08-2024
						14:00	08:00:00
8	Ganga	PATNA	40.76	41.76	43.52	42.17	42.32
	Hathidah	Bihar			16-08-2021	Steady	Rising
						0.0	23-08-2024
						14:00	08:00:00
9	Ganga	BHAGALPUR	30.09	31.09	32.87	31.61	31.71
	Kahalgaon	Bihar			17-09-2003	Steady	Falling
						0.0	22-08-2024
						14:00	22:00:00
10	Burhi Gandak	KHAGARIA	35.58	36.58	39.22	37.29	37.46
	Khagaria	Bihar			16-08-1976	Steady	Rising
						0.0	23-08-2024
						14:00	06:00:00
11	Kosi	KATIHAR	29.0	30.0	32.1	30.76	30.84
	Kursela	Bihar			07-09-1982	Steady	Rising
						0.0	23-08-2024
						14:00	06:00:00
12	Bagmati	MUZAFFARPUR	54.0	55.0	58.15	55.92	55.6
	Runisaidpur	Bihar			14-08-2017	Falling	Falling
						-30.0	22-08-2024
						14:00	18:00:00
13	Ganga	Sahebganj	26.25	27.25	30.91	27.76	27.81
	Sahibganj	Jharkhand			20-08-1998	Steady	Rising
						0.0	23-08-2024
						14:00	06:00:00
14	Gumti	Sepahijala	11.5	13.5	14.43	13.98	14.05
	Sonamura	Tripura				Rising	Rising
						30.0	22-08-2024
						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
15	Ghagra	Ayodhya	91.73	92.73	94.01	92.81	92.92
	Ayodhya	Uttar Pradesh			11-10-2009	Steady	Rising
						0.0	23-08-2024
						14:00	08:00:00
16	Ganga	BALLIA	56.615	57.615	60.39	58.28	57.92
	Ballia	Uttar Pradesh			25-08-2016	Falling	Falling
						-20.0	23-08-2024
						14:00	08:00:00
17	Rapti	SIDDHARTH NAGAR	83.9	84.9	86.27	84.93	84.94
	Bansi	Uttar Pradesh			16-10-2022	Steady	Steady
						0.0	22-08-2024
						14:00	21:00:00
18	Rapti	GORAKHPUR	73.98	74.98	77.54	75.28	75.36
	Birdghat	Uttar Pradesh			23-08-1998	Rising	Rising
						10.0	22-08-2024
						14:00	21:00:00
19	Ghagra	BARABANKI	105.07	106.07	107.616	106.446	106.506
	Elginbridge	Uttar Pradesh			18-08-2014	Rising	Rising
						30.0	22-08-2024
						14:00	21:00:00
20	Ganga	BUDAUN	161.0	162.0	162.91	162.05	162.1
	Kachhlabridge	Uttar Pradesh			20-07-2023	Falling	Steady
						-9.99	22-08-2024
						14:00	20:00:00
21	Ghagra	BALLIA	63.01	64.01	66.0	64.26	64.29
	Turtipar	Uttar Pradesh			28-08-1998	Rising	Rising
						10.0	22-08-2024
						14:00	21:00:00
22	Ganga	MURSHIDABAD	21.25	22.25	25.14	22.63	22.79
	Farakka(FF)	West Bengal			07-09-1998	Steady	Rising
						0.0	23-08-2024
						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	Barak	CACHAR	18.83	19.83	21.84	19.05	18.99
	Annapurna Ghat	Assam			01-08-1989	Steady	Rising
						0.0	22-08-2024
						14:00	18:00:00
2	Barak	KARIMGANJ	15.85	16.85	18.48	16.65	16.63
	Badarpur Ghat	Assam			11-09-2007	Steady	Steady
						0.0	22-08-2024
						14:00	15:00:00
3	Kopili	NAGAON	59.5	60.5	62.2	60.17	59.95
	Kampur	Assam			18-06-2022	Falling	Falling
						-10.0	22-08-2024
						12:00	21:00:00
4	Dhansiri (South)	GOLAGHAT	77.42	78.42	80.16	77.85	77.78
	Numaligarh	Assam			02-08-2018	Falling	Falling
						-10.0	22-08-2024
						14:00	21:00:00
5	Kosi	SUPAUL	46.75	47.75	49.24	47.23	47.14
	Basua	Bihar			13-08-2017	Falling	Falling
						-10.0	22-08-2024
						14:00	22:00:00
6	Ganga	BHAGALPUR	32.68	33.68	34.86	33.53	33.69
	Bhagalpur	Bihar			18-08-2021	Steady	Rising
						0.0	23-08-2024
						14:00	16:00:00

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	Bagmati	SITAMARHI	70.0	71.0	73.0	70.28	70.15
	Dheng Bridge	Bihar			13-08-2017	Falling	Falling
						-10.0	22-08-2024
						14:00	18:00:00
8	Ganga	PATNA	49.45	50.45	52.52	50.12	50.26
	Dighaghat	Bihar			23-08-1975	Rising	Rising
						10.0	23-08-2024
						14:00	08:00:00
9	Ghagra	SIWAN	56.04	57.04	58.26	56.62	56.7
	Gangpur Siswan	Bihar			17-08-1980	Rising	Rising
						10.0	23-08-2024
						14:00	04:00:00
10	Kamalabalan	MADHUBANI	49.5	50.5	53.11	49.79	49.7
	Jhanjharpur	Bihar			14-07-2019	Steady	Steady
						0.0	22-08-2024
						14:00	16:00:00
11	Sone	PATNA	51.0	52.0	53.79	51.49	51.68
	Maner	Bihar			10-09-1976	Steady	Rising
						0.0	23-08-2024
						14:00	08:00:00
12	Ganga	MUNGER	38.33	39.33	40.99	38.55	38.62
	Munger	Bihar			19-09-1976	Steady	Rising
						0.0	23-08-2024
						14:00	08:00:00
13	Gandak	MUZAFFARPUR	53.41	54.41	55.46	53.86	53.97
	Rewaghat	Bihar			24-07-2020	Rising	Rising
						10.0	23-08-2024
						14:00	04:00:00
14	Manu	Unakoti	24.34	25.34	25.95	24.6	24.44
	KAILASHAHAR GDSQ SITE	Tripura				Falling	Falling
						-40.0	22-08-2024
						14:00	18:00:00

S. No.	River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual Level	Forecasted Level
	Station	State			Date (dd-mm-yyyy)	Trend	Trend
						Trend Magnitude (mm/hr)	Date (dd-mm-yyyy)
						Time	Time
15	Rapti	BALRAMPUR	103.62	104.62	106.07	104.39	104.28
	Balrampur	Uttar Pradesh			10-10-2022	Falling	Falling
						-10.0	22-08-2024
						14:00	21:00:00
16	Ganga	FARRUKHABAD	136.6	137.6	138.14	136.7	136.7
	Fatehgarh	Uttar Pradesh			26-09-2010	Rising	Steady
						9.99	23-08-2024
						14:00	08:00:00
17	Ganga	Hapur	198.33	199.33	199.9	198.48	198.5
	Garhmukteshwar	Uttar Pradesh			22-09-2010	Steady	Steady
						0.0	23-08-2024
						14:00	08:00:00
18	Gandak	KUSHINAGAR	95.0	96.0	97.5	95.4	95.35
	Khadda	Uttar Pradesh			23-07-2002	Steady	Steady
						0.0	22-08-2024
						14:00	15:00:00
19	Teesta	COOCH BEHAR	65.45	65.95	66.62	65.66	65.63
	Mekhliganj (R/B)	West Bengal			20-10-2021	Falling	Falling
						-9.99	22-08-2024
						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		53.3	06:00	Falling	850.0	Steady	22-08-2024 18:00:00
2	Krishna	Prakasam Barrage	KRISHNA	Andhra Pradesh	17.39	18.3	17.39	14:00	Steady	1150.0	Steady	22-08-2024 18:00:00
3	Krishna	Srisaillam Reservoir	KURNOOL	Andhra Pradesh	269.75	269.75	269.291	14:00	Rising	3500.0	Steady	23-08-2024 06:00:00
4	Tungabhadra	Sunkesula Barrage	KURNOOL	Andhra Pradesh	292.0	292.7	292.0	06:00	Rising	1500.0	Falling	22-08-2024 18:00:00
5	Narmada	Sardar Sarovar Project_Gujarat	Narmada	Gujarat	138.68	140.21	135.0	12:00	Steady	2546.3	Steady	22-08-2024 22:00:00
6	Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	125.75	09:00	Steady	463.0	Steady	23-08-2024 06:00:00
7	Damodar	Tenughat Reservoir	BOKARO	Jharkhand	268.834	267.834	258.42	12:00	Rising	243.0	Falling	23-08-2024 06:00:00
8	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		890.29	08:00	Steady	190.0	Steady	23-08-2024 12:00:00
9	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		752.15	08:00	Rising	200.0	Steady	23-08-2024 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	Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	495.757	14:00	Rising	750.0	Falling	23-08-2024 08:00:00
11	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	195.0	Steady	23-08-2024 12:00:00
12	Mahanadi	Hirakud Reservoir	SAMBALPUR	Odisha	192.02		189.29	12:00	Rising	2750.0	Falling	23-08-2024 09:00:00
13	Brahmani	Rengali Reservoir	ANUGUL	Odisha	123.5	125.4	120.96	08:00	Rising	1300.0	Falling	23-08-2024 10:00:00
14	Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	290.0	Falling	23-08-2024 10:00:00
15	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	240.633	08:00	Falling	220.0	Falling	23-08-2024 10:00:00
16	Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.901	06:00	Falling	320.0	Falling	23-08-2024 10:00:00
17	Godavari	LAXMI BARRAGE	BHUPALPALLY	Telangana	100.0	102.6	91.1	06:00	Rising	4500.0	Falling	23-08-2024 06:00:00
18	Krishna	P.D. Jurala	MAHBUBNAGAR	Telangana	318.52		318.23	14:00	Falling	2350.0	Steady	23-08-2024 06:00:00
19	Godavari	PVNRao Kantanapally Project	MULUGU	Telangana	83.0	89.0	75.9	06:00	Falling	5100.0	Falling	23-08-2024 06:00:00
20	Ganga	Ch. Charan Singh Madhya Ganga Barrage,	BIJNOR	Uttar Pradesh	220.0		219.7	14:00	Steady	3200.0	Rising	22-08-2024 20:00:00
21	Ghagra	Katerniaghat Barrage	BAHRAICH	Uttar Pradesh	136.8	138.0	136.05	08:00	Falling	4600.0	Falling	23-08-2024 08:00:00
22	Sarda	Banbasa Barrage	Champawat	Uttarakhand	222.96	223.3	222.7	08:00	Steady	2900.0	Falling	22-08-2024 21:00:00
23	Bhagirathi	Tehri Dam	Tehri Garhwal	Uttarakhand	830.0	835.0	815.35	14:00	Rising	950.0	Falling	23-08-2024 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	394.0	Rising	23-08-2024 06:00:00
25	Kangsabati	Kangsabati Reservoir	BANKURA	West Bengal	134.11		128.88	12:00	Rising	347.0	Rising	23-08-2024 06:00:00