



Central Water Commission

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

Date:	20/05/2022
Bulletin No:	20

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)	1
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	6
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	7
Total number of sites above Warning Level (A+B+C)		14
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)		4

Name: Duty Officer
Designation: Central Flood Control Room

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/>



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 Station	District State	Warning Level (m)	Danger Level (m)	Highest flood Level (m) Date	Actual Level	Forecasted Level
						Trend	Trend
						Trend Magnitude (mm/hr)	Date
							Time
1	Kopili	NAGAON	59.5	60.5	61.79	62.07	62.06
							Falling
	Kampur	Assam			2004-07-20	Steady	20/05/2022
						0.0 14:00	18:00:00



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				Trend	
						Trend	
						Magnitude (mm/hr)	
						Date	
Time							
1	Barak	CACHAR	18.83	19.83	21.84	21.27	21.27
	Annapurnaghat	Assam			1989-08-01	Falling	Falling
						-10.0	20/05/2022
						14:00	18:00:00
2	Barak	CACHAR	15.85	16.85	18.48	18.03	18.01
	Badarpurghat	Assam			2007-09-11	Steady	Falling
						0.0	20/05/2022
						14:00	15:00:00
3	Kopili	MARIGAON	55.0	56.0	58.09	57.04	57.09
	Dharamtul	Assam			2004-07-21	Rising	Steady
						10.0	21/05/2022
						14:00	00:00:00
4	Kushiyara	KARIMGANJ	13.94	14.94	16.57	16.35	16.35
	Karimganj	Assam			2010-06-10	Steady	Falling
						0.0	20/05/2022
						14:00	18:00:00
5	Desang	SIBSAGAR	93.46	94.46	96.49	94.58	94.58
	Nanglamoraghat	Assam			1998-09-06	Falling	Steady
						-9.99	21/05/2022
						14:00	00:00:00
6	Brahmaputra	JORHAT	84.54	85.54	87.37	85.97	85.94
	Neamatighat	Assam			1991-07-11	Steady	Steady
						0.0	20/05/2022
						14:00	18:00:00



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				Trend	
						Trend	
						Date	
						Trend Magnitude (mm/hr)	
Time							
1	Buridehing	DIBRUGARH	101.11	102.11	104.16	101.31	101.22
	Chenimari (Khowang)	Assam			2015-09-02	Falling	Falling
						-20.0	20/05/2022
						13:00	18:00:00
2	Brahmaputra	DHUBRI	27.62	28.62	30.37	28.16	28.21
	Dhubri	Assam			2019-07-17	Steady	Rising
						0.0	20/05/2022
						13:00	21:00:00
3	Brahmaputra	DIBRUGARH	104.7	105.7	106.48	104.86	104.87
	Dibrugarh	Assam			1998-09-03	Falling	Falling
						-10.0	20/05/2022
						13:00	21:00:00
4	Brahmaputra	GOALPARA	35.27	36.27	37.43	35.33	35.4
	Goalpara	Assam			1954-07-31	Steady	Rising
						0.0	20/05/2022
						13:00	18:00:00
5	Katakhal	HAILAKANDI	19.27	20.27	22.73	19.5	19.5
	Matijuri	Assam			2007-09-10	Steady	Falling
						0.0	20/05/2022
						14:00	18:00:00
6	Jiabharali	SONITPUR	77.0	78.0	78.5	77.5	77.62
	NT Road Crossing Jia-Bharali	Assam			2007-07-26	Steady	Rising
						0.0	20/05/2022
						14:00	15:00:00
7	Brahmaputra	SONITPUR	64.23	65.23	66.59	64.97	65.03
	Tezpur	Assam			1988-08-27	Steady	Rising
						0.0	20/05/2022
						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	Trend Magnitude (mm/hr)	Average Inflow (Cumec)	Trend	Date and Time
1	Hemavathi	Hemavathy Reservoir	Hassan	Karnataka	890.63		884.932	06:00	Steady	0	150.0	Steady	21/05/2022 12:00:00
2	Cauvery	Krishnarajasagar Reservoir	Mandya	Karnataka	752.49		745.784	06:00	Rising	328.98	400.0	Steady	21/05/2022 12:00:00
3	Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	0.0	250.0	Steady	21/05/2022 12:00:00
4	Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	238.594	08:00	Rising	508.99	1350.0	Rising	21/05/2022 10:00:00