



Central Water Commission

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

Date:	16/08/2021
Bulletin No:	108

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)	2
B	Severe Flood Situation: (Site (s) where water level is touching or exceeding the Danger Level but below Highest Flood Level (HFL))	29
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	20
Total number of sites above Warning Level (A+B+C)		51

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)	18
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Name: Duty Officer
Designation: Central Flood Control Room

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

URL FOR THREE DAYS ADVISORY FLOOD FORECAST (AFF): <http://120.57.99.138/>



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

River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend	Trend
Station	State				Time	Date
Ganga	BHAGALPUR	32.68	33.68	34.72	34.75	34.78
Bhagalpur	Bihar			2016-08-26	Steady	17/08/2021
					15:00	16:00:00
Ganga	PATNA	40.76	41.76	43.17	43.54	43.51
Hathidah	Bihar			2016-08-21	Rising	17/08/2021
					15:00	08:00:00



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))

River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend	Trend
Station	State				Time	Date
Giabharali	SONITPUR	76.0	77.0	78.5	78.03	-
NT Road Crossing Jia-Bharali	Assam			2007-07-26	Falling	-
Brahmaputra	JORHAT	84.54	85.54	87.37	86.01	85.98
Neamatighat	Assam			1991-07-11	Steady	16/08/2021
					15:00	18:00:00
Kosi	KHAGARIA	32.85	33.85	36.4	35.01	35.05
Baltara	Bihar			1987-08-15	Rising	17/08/2021
					15:00	06:00:00
Bagmati	MUZAFFARPUR	47.68	48.68	50.01	49.8	49.92
Benibad	Bihar			2004-07-12	Rising	17/08/2021
					15:00	06:00:00
Ghagra	SIWAN	59.82	60.82	61.74	60.96	61.05
Darauli	Bihar			1998-08-29	Rising	17/08/2021
					15:00	08:00:00
Ganga	PATNA	49.45	50.45	52.52	51.68	51.5
Dighaghat	Bihar			1975-08-23	Falling	17/08/2021
					15:00	08:00:00
Gandak	GOPALGANJ	61.22	62.22	64.36	62.69	62.78
Dumariaghat	Bihar			2020-07-24	Rising	17/08/2021
					15:00	06:00:00
Adhwara	DARBHANGA	45.94	46.94	49.52	47.17	47.3
Ekmighat	Bihar			2004-07-12	Steady	17/08/2021
					15:00	06:00:00
Ganga	PATNA	47.6	48.6	50.52	50.34	50.2
Gandhighat	Bihar			2016-08-21	Steady	17/08/2021
					15:00	08:00:00

River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend	Trend
Station	State				Time	Date
Ghagra	SIWAN	56.04	57.04	58.01	57.47	57.52
Gangpur Siswan	Bihar			1983-09-18	Steady	17/08/2021
					15:00	04:00:00
Gandak	VAISHALI	49.32	50.32	50.93	50.46	50.34
Hajipur	Bihar			1948-08-18	Falling	17/08/2021
					15:00	00:00:00
Kamla	MADHUBANI	66.75	67.75	71.35	68.3	68.1
Jainagar	Bihar				Falling	16/08/2021
					15:00	23:00:00
Kamalabalan	MADHUBANI	49.0	50.0	53.11	51.78	51.65
Jhanjharpur	Bihar			2019-07-14	Falling	16/08/2021
					15:00	16:00:00
Ganga	BHAGALPUR	30.09	31.09	32.87	32.5	32.58
Kahalgaoon (Colgong)	Bihar			2003-09-17	Steady	17/08/2021
					15:00	22:00:00
Adhwara	DARBHANGA	49.0	50.0	52.99	50.46	50.6
Kamtaul	Bihar			1987-08-12	Rising	17/08/2021
					15:00	06:00:00
Burhi Gandak	KHAGARIA	35.58	36.58	39.22	38.92	39.02
Khagaria	Bihar			1976-08-16	Rising	17/08/2021
					15:00	06:00:00
Kosi	KATIHAR	29.0	30.0	32.1	31.61	31.7
Kursela	Bihar			1982-09-07	Steady	17/08/2021
					15:00	06:00:00
Sone	PATNA	51.0	52.0	53.79	53.15	53.0
Maner	Bihar			1976-09-10	Steady	17/08/2021
					15:00	08:00:00
Ganga	MUNGER	38.33	39.33	40.99	40.11	40.0
Munger	Bihar			1976-09-19	Steady	17/08/2021
					15:00	08:00:00

River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend	Trend
Station	State				Time	Date
Burhi Gandak	SAMASTIPUR	41.63	42.63	46.56	42.83	43.05
Rosera	Bihar			2020-08-03	Rising	17/08/2021
					15:00	10:00:00
Bagmati	MUZAFFARPUR	54.0	55.0	58.15	56.42	56.4
Runisaidpur	Bihar			2017-08-14	Rising	17/08/2021
					15:00	06:00:00
Punpun	PATNA	49.6	50.6	53.91	51.66	51.24
Sripalpur	Bihar			1976-09-18	Falling	17/08/2021
					15:00	08:00:00
Ganga	Sahebganj	26.25	27.25	30.91	28.82	28.89
Sahibganj	Jharkhand			1998-08-20	Steady	17/08/2021
					15:00	06:00:00
Ghagra	Ayodhya	91.73	92.73	94.01	92.8	92.75
Ayodhya	Uttar Pradesh			2009-10-11	Steady	17/08/2021
					15:00	08:00:00
Ganga	BALLIA	56.615	57.615	60.39	59.6	58.9
BALLIA	Uttar Pradesh			2016-08-25	Falling	17/08/2021
					15:00	08:00:00
Rapti	BALRAMPUR	103.62	104.62	105.54	105.05	104.9
Balrampur	Uttar Pradesh			2017-08-15	Steady	17/08/2021
					15:00	08:00:00
Rapti	GORAKHPUR	73.98	74.98	77.54	75.01	75.1
Birdghat	Uttar Pradesh			1998-08-23	Rising	17/08/2021
					15:00	08:00:00
Ghagra	BALLIA	63.01	64.01	66.0	64.21	64.25
Turtipar	Uttar Pradesh			1998-08-28	Steady	17/08/2021
					15:00	08:00:00
Ganga	MURSHIDABAD	21.25	22.25	25.14	23.75	23.78
Farakka(FF)	West Bengal			1998-09-07	Rising	17/08/2021
					15:00	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

River ----- Station	District ----- State	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend ----- Time	Trend ----- Date
Beki	BARPETA	44.1	45.1	46.2	44.91	44.92
Beki Road bridge	Assam			2000-08-04	Falling 15:00	Steady 16/08/2021 18:00:00
Brahmaputra	DHUBRI	27.62	28.62	30.37	27.89	27.91
Dhubri	Assam			2019-07-17	Rising 15:00	Rising 16/08/2021 21:00:00
Brahmaputra	DIBRUGARH	104.7	105.7	106.48	105.01	105.02
Dibrugarh	Assam			1998-09-03	Falling 15:00	Falling 16/08/2021 21:00:00
Sankosh	DHUBRI	28.94	29.94	30.95	29.13	29.1
Golokganj	Assam			2007-09-08	Falling 15:00	Falling 16/08/2021 18:00:00
Brahmaputra	SONITPUR	64.23	65.23	66.59	64.81	64.78
Tezpur	Assam			1988-08-27	Rising 15:00	Rising 16/08/2021 18:00:00
Parman	ARARIA	46.0	47.0	49.4	46.95	46.9
Araria	Bihar			2017-08-14	Steady 15:00	Falling 16/08/2021 20:00:00
Kosi	SUPAUL	46.75	47.75	49.24	47.4	47.5
Basua	Bihar			2017-08-13	Rising 15:00	Rising 16/08/2021 22:00:00
Ganga	BUXAR	59.32	60.32	62.09	60.19	60.0
Buxar	Bihar			1948-08-01	Falling 15:00	Falling 17/08/2021 12:00:00
Ghagra	SARAN	52.68	53.68	54.59	52.94	52.85
Chhapra	Bihar			1982-09-03	Falling 15:00	Falling 17/08/2021 00:00:00

River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend	Trend
Station	State				Time	Date
Bagmati	SITAMARHI	70.0	71.0	73.0	70.42	70.28
Dheng Bridge	Bihar			2017-08-13	Steady	17/08/2021
Mahananda	PURNIA	34.65	35.65	38.2	35.62	35.4
Dhengraghat	Bihar			2017-08-14	Falling	17/08/2021
Bagmati	DARBHANGA	44.72	45.72	48.96	45.66	45.9
Hayaghat	Bihar			1987-08-14	Rising	17/08/2021
Mahananda	KATIHAR	30.4	31.4	34.07	30.82	30.8
Jhawa	Bihar			2017-08-14	Steady	16/08/2021
Gandak	MUZAFFARPUR	53.41	54.41	55.46	54.22	54.27
Rewaghat	Bihar			2020-07-24	Steady	17/08/2021
Rapti	SIDDHARTH NAGAR	83.9	84.9	85.88	84.59	84.65
Bansi	Uttar Pradesh			2017-08-20	Steady	17/08/2021
Ghagra	BARABANKI	105.07	106.07	107.616	106.056	105.95
Elginbridge	Uttar Pradesh			2014-08-18	Steady	17/08/2021
Ganga	FARRUKHABAD	136.6	137.6	138.14	136.99	136.95
Fatehgarh	Uttar Pradesh			2010-09-26	Falling	17/08/2021
Ganga	GHAZIPUR	62.105	63.105	65.22	62.93	62.08
GHAZIPUR	Uttar Pradesh			1978-09-09	Falling	17/08/2021
Ganga	BUDAUN	161.0	162.0	162.79	161.78	161.7
Kachhlabridge	Uttar Pradesh			2010-09-24	Falling	17/08/2021

River	District	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend	Trend
Station	State				Time	Date
Gandak	KUSHINAGAR	95.0	96.0	97.5	95.32	95.2
Khadda	Uttar Pradesh			2002-07-23	Falling	Falling
					15:00	22:00:00



Central Water Commission

Date:16/08/2021

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

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
Krishna	DR KLRS Pulichintala	GUNTUR	Andhra Pradesh	53.34		49.039	08:00	Falling	900.0	Steady	16/08/2021 20:00:00
Lower Krishna	Prakasam Barrage	KRISHNA	Andhra Pradesh	17.37	18.3	17.39	12:00	Steady	1500.0	Steady	16/08/2021 18:00:00
Subarnarekha	Chandil Dam	Sahebganj	Jharkhand	189.0	192.0	181.5	08:00	Rising	1200.0	Rising	16/08/2021 20:00:00
Subarnarekha	Galudih Barrage	PASHCHIMI	Jharkhand	94.5	101.25	92.1	08:00	Steady	850.0	Rising	16/08/2021 20:00:00
Barakar	Maithon Reservoir	DHANBAD	Jharkhand	150.88	151.79	147.55	12:00	Falling	255.0	Rising	17/08/2021 06:00:00
Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	127.12	12:00	Falling	231.0	Falling	17/08/2021 06:00:00
Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	657.432	06:00	Rising	135.0	Steady	17/08/2021 12:00:00
Harangi	Harangi Reservoir	Kodagu	Karnataka	871.42		871.061	06:00	Rising	130.0	Steady	17/08/2021 12:00:00
Ghatprabha	Hidkal Reservoir	Belgaum	Karnataka	662.94	662.94	662.94	06:00	Steady	125.0	Steady	17/08/2021 12:00:00
Kabini	Kabini Reservoir	Mysore	Karnataka	696.16		695.944	06:00	Rising	125.0	Steady	17/08/2021 12:00:00
Cauvery	Krishnarajasagar	Mandya	Karnataka	752.49		751.161	06:00	Falling	120.0	Steady	17/08/2021 12:00:00
Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.717	12:00	Steady	450.0	Rising	16/08/2021 20:00:00
Tunga	Upper Tunga Prject	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	270.0	Steady	17/08/2021 12:00:00
Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Falling	330.0	Steady	17/08/2021 10:00:00
Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.499	06:00	Falling	350.0	Steady	17/08/2021 10:00:00
Ganga	Dharamnagari Barrage	BIJNOR	Uttar Pradesh			218.7	08:00	Steady	1560.0	Rising	17/08/2021 08:00:00

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
Ghagra	Katerniaghat Barrage	BAHRAICH	Uttar Pradesh	136.8	138.0	137.5	14:00	Steady	4000.0	Falling	17/08/2021 08:00:00
Damodar	Durgapur Barrage	BARDDHAMAN	West Bengal			64.312	15:00	Steady	1551.0	Rising	17/08/2021 06:00:00