



Central Water Commission

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

Date:	13/08/2021
Bulletin No:	105

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))	28
C	Above Normal Flood Situation: (Site (s) where water level is touching or exceeding the Warning Level but below Danger Level)	24
Total number of sites above Warning Level (A+B+C)		53
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)		19

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 Station	District State	Warning Level (m)	Danger Level (m)	Highest flood Level (m) Date	Actual level	Forecasted Level
					Trend Time	Trend Date
Ganga	PATNA	40.76	41.76	43.17	43.21	43.29
Hathidah	Bihar			2016-08-21	Steady 14:00	Rising 14/08/2021 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
Station	State			Date	Trend Time	Trend Date
Jiabharali	SONITPUR	76.0	77.0	78.5	77.76	77.74
NT Road Crossing Jia-Bharali	Assam			2007-07-26	Falling 14:00	Falling 13/08/2021 15:00:00
Kosi	KHAGARIA	32.85	33.85	36.4	34.85	34.93
Baltara	Bihar			1987-08-15	Steady 14:00	Rising 14/08/2021 06:00:00
Bagmati	MUZAFFARPUR	47.68	48.68	50.01	49.56	49.65
Benibad	Bihar			2004-07-12	Rising 14:00	Steady 14/08/2021 06:00:00
Ganga	BHAGALPUR	32.68	33.68	34.72	34.41	34.58
Bhagalpur	Bihar			2016-08-26	Rising 14:00	Rising 14/08/2021 16:00:00
Ganga	BUXAR	59.32	60.32	62.09	61.15	61.06
Buxar	Bihar			1948-08-01	Rising 14:00	Falling 14/08/2021 12:00:00
Ganga	PATNA	49.45	50.45	52.52	51.61	51.69
Dighaghat	Bihar			1975-08-23	Steady 14:00	Steady 14/08/2021 08:00:00
Gandak	GOPALGANJ	61.22	62.22	64.36	62.26	62.26
Dumariaghat	Bihar			2020-07-24	Steady 14:00	Rising 14/08/2021 06:00:00
Adhwara	DARBHANGA	45.94	46.94	49.52	46.94	47.1
Ekmighat	Bihar			2004-07-12	Steady 14:00	Steady 14/08/2021 06:00:00
Ganga	PATNA	47.6	48.6	50.52	50.23	50.27
Gandhighat	Bihar			2016-08-21	Rising 14:00	Steady 14/08/2021 08:00:00

River Station	District State	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend Time	Trend Date
Ghagra	SIWAN	56.04	57.04	58.01	57.1	57.2
Gangpur Siswan	Bihar			1983-09-18	Steady 14:00	Rising 14/08/2021 04:00:00
Kamla	MADHUBANI	66.75	67.75	71.35	67.85	67.8
Jainagar	Bihar				Falling 14:00	Falling 13/08/2021 16:00:00
Kamalabalan	MADHUBANI	49.0	50.0	53.11	50.51	50.5
Jhanjharpur	Bihar			2019-07-14	Rising 14:00	Steady 13/08/2021 16:00:00
Ganga	BHAGALPUR	30.09	31.09	32.87	32.18	32.31
Kahalgaoon (Colgong)	Bihar			2003-09-17	Rising 14:00	Rising 14/08/2021 22:00:00
Burhi Gandak	KHAGARIA	35.58	36.58	39.22	38.48	38.66
Khagaria	Bihar			1976-08-16	Steady 14:00	Rising 14/08/2021 06:00:00
Kosi	KATIHAR	29.0	30.0	32.1	31.27	31.35
Kursela	Bihar			1982-09-07	Steady 14:00	Rising 14/08/2021 06:00:00
Sone	PATNA	51.0	52.0	53.79	53.2	53.3
Maner	Bihar			1976-09-10	Rising 14:00	Steady 14/08/2021 08:00:00
Ganga	MUNGER	38.33	39.33	40.99	39.75	39.91
Munger	Bihar			1976-09-19	Rising 14:00	Rising 14/08/2021 08:00:00
Bagmati	MUZAFFARPUR	54.0	55.0	58.15	55.05	55.4
Runisaidpur	Bihar			2017-08-14	Rising 14:00	Rising 14/08/2021 06:00:00
Punpun	PATNA	49.6	50.6	53.91	52.28	52.0
Sripalpur	Bihar			1976-09-18	Steady 14:00	Falling 14/08/2021 08:00:00

River Station	District State	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend Time	Trend Date
Ganga	Sahebganj	26.25	27.25	30.91	28.36	28.56
Sahibganj	Jharkhand			1998-08-20	Rising 14:00	Rising 14/08/2021 06:00:00
Ganga	BALLIA	56.615	57.615	60.39	60.18	60.2
BALLIA	Uttar Pradesh			2016-08-25	Steady 14:00	Falling 14/08/2021 08:00:00
Ganga	GHAZIPUR	62.105	63.105	65.22	64.68	64.55
GHAZIPUR	Uttar Pradesh			1978-09-09	Steady 14:00	Falling 14/08/2021 08:00:00
Ganga	BUDAUN	161.0	162.0	162.79	162.34	162.2
Kachhlabridge	Uttar Pradesh			2010-09-24	Steady 14:00	Falling 14/08/2021 08:00:00
Ganga	MIRZAPUR	76.724	77.724	80.34	77.97	77.15
MIRZAPUR	Uttar Pradesh			1978-09-09	Falling 14:00	Falling 14/08/2021 08:00:00
Yamuna	PRAYGRAJ	83.74	84.73	87.99	85.13	84.75
NAINI	Uttar Pradesh			1978-09-08	Falling 13:00	Falling 13/08/2021 16:00:00
Ganga	PRAYGRAJ	83.734	84.734	87.98	85.31	84.45
PHAPHAMAU	Uttar Pradesh			1978-09-08	Falling 14:00	Falling 14/08/2021 08:00:00
Ganga	VARANASI	70.262	71.262	73.901	72.18	71.78
VARANASI	Uttar Pradesh			1978-09-09	Falling 14:00	Falling 14/08/2021 08:00:00
Ganga	MURSHIDABAD	21.25	22.25	25.14	23.38	23.47
Farakka(FF)	West Bengal			1998-09-07	Rising 14:00	Rising 14/08/2021 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) Date	Actual level Trend Time	Forecasted Level Trend Date
Beki	BARPETA	44.1	45.1	46.2	44.61	44.55
Beki Road bridge	Assam			2000-08-04	Falling 14:00	Falling 13/08/2021 18:00:00
Brahmaputra	DIBRUGARH	104.7	105.7	106.48	104.83	104.9
Dibrugarh	Assam			1998-09-03	Rising 13:00	Rising 13/08/2021 21:00:00
Sankosh	DHUBRI	28.94	29.94	30.95	28.97	28.96
Golokganj	Assam			2007-09-08	Steady 14:00	Rising 13/08/2021 18:00:00
Gaurang	KOKRAJHAR	41.85	42.85	43.6	41.9	42.0
Kokrajhar	Assam			2015-08-20	Rising 14:00	Rising 13/08/2021 18:00:00
Brahmaputra	JORHAT	84.54	85.54	87.37	85.26	85.28
Neamatighat	Assam			1991-07-11	Steady 14:00	Rising 13/08/2021 18:00:00
Parman	ARARIA	46.0	47.0	49.4	46.45	46.6
Araria	Bihar			2017-08-14	Falling 14:00	Steady 13/08/2021 20:00:00
Kosi	SUPAUL	46.75	47.75	49.24	47.21	47.26
Basua	Bihar			2017-08-13	Steady 14:00	Rising 13/08/2021 22:00:00
Ghagra	SARAN	52.68	53.68	54.59	52.85	52.93
Chhapra	Bihar			1982-09-03	Steady 14:00	Rising 14/08/2021 00:00:00
Ghagra	SIWAN	59.82	60.82	61.74	60.7	60.82
Darauli	Bihar			1998-08-29	Rising 14:00	Rising 14/08/2021 08:00:00

River Station	District State	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend Time	Trend Date
Bagmati	SITAMARHI	70.0	71.0	73.0	70.69	70.4
Dheng Bridge	Bihar			2017-08-13	Rising 14:00	Steady 14/08/2021 06:00:00
Mahananda	PURNIA	34.65	35.65	38.2	35.52	35.9
Dhengraghat	Bihar			2017-08-14	Rising 14:00	Falling 14/08/2021 06:00:00
Gandak	VAISHALI	49.32	50.32	50.93	50.25	50.35
Hajipur	Bihar			1948-08-18	Rising 14:00	Rising 14/08/2021 00:00:00
Bagmati	DARBHANGA	44.72	45.72	48.96	45.47	45.65
Hayaghat	Bihar			1987-08-14	Steady 14:00	Rising 14/08/2021 06:00:00
Adhwara	DARBHANGA	49.0	50.0	52.99	49.98	50.2
Kamtaul	Bihar			1987-08-12	Rising 14:00	Rising 14/08/2021 06:00:00
Gandak	MUZAFFARPUR	53.41	54.41	55.46	53.46	53.42
Rewaghat	Bihar			2020-07-24	Steady 14:00	Steady 14/08/2021 04:00:00
Burhi Gandak	SAMASTIPUR	41.63	42.63	46.56	42.46	42.75
Rosera	Bihar			2020-08-03	Rising 14:00	Rising 14/08/2021 10:00:00
Mahananda	KISHANGANJ	65.0	66.0	67.22	65.35	-
Taibpur	Bihar				Falling 14:00	- -
Ganga	PRAYGRAJ	83.734	84.734	88.03	84.37	83.5
Allahabad	Uttar Pradesh			1978-09-08	Falling 14:00	Falling 14/08/2021 08:00:00
Ghagra	Ayodhya	91.73	92.73	94.01	92.66	92.72
Ayodhya	Uttar Pradesh			2009-10-11	Steady 14:00	Rising 14/08/2021 08:00:00

River Station	District State	Warning Level (m)	Danger Level (m)	Highest flood Level (m)	Actual level	Forecasted Level
				Date	Trend Time	Trend Date
Rapti	BALRAMPUR	103.62	104.62	105.54	103.89	103.97
Balrampur	Uttar Pradesh			2017-08-15	Rising 14:00	Rising 14/08/2021 08:00:00
Ghagra	BARABANKI	105.07	106.07	107.616	105.836	105.98
Elginbridge	Uttar Pradesh			2014-08-18	Steady 14:00	Rising 14/08/2021 08:00:00
Ganga	FARRUKHABAD	136.6	137.6	138.14	137.31	137.22
Fatehgarh	Uttar Pradesh			2010-09-26	Steady 14:00	Falling 14/08/2021 08:00:00
Gandak	KUSHINAGAR	95.0	96.0	97.5	95.15	95.15
Khadda	Uttar Pradesh			2002-07-23	Rising 14:00	Falling 13/08/2021 15:00:00
Ghagra	BALLIA	63.01	64.01	66.0	63.97	64.05
Turtipar	Uttar Pradesh			1998-08-28	Rising 14:00	Rising 14/08/2021 08:00:00



Central Water Commission

Date:13/08/2021

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		49.67	09:00	Rising	900.0	Steady	13/08/2021 18:00:00
Subarnarekha	Galudih Barrage	PASHCHIMI	Jharkhand	94.5	101.25	92.1	08:00	Steady	350.0	Steady	13/08/2021 20:00:00
Barakar	Maithon Reservoir	DHANBAD	Jharkhand	150.88	151.79	148.92	12:00	Falling	417.0	Falling	14/08/2021 06:00:00
Damodar	Panchat Reservoir	DHANBAD	Jharkhand	132.59	132.59	128.23	12:00	Falling	428.0	Rising	14/08/2021 06:00:00
Damodar	Tenughat Reservoir	BOKARO	Jharkhand	268.834	268.83	259.75	13:00	Steady	174.0	Falling	14/08/2021 06:00:00
Bhadra	Bhadra Reservoir	Chikmagalur	Karnataka	657.75	657.75	6657.31	07:00	Rising	150.0	Steady	14/08/2021 12:00:00
Ghatprabha	Hidkal Reservoir	Belgaum	Karnataka	662.94	662.94	662.696	06:00	Rising	135.0	Steady	14/08/2021 12:00:00
Kabini	Kabini Reservoir	Mysore	Karnataka	696.16		695.694	06:00	Rising	105.0	Steady	14/08/2021 12:00:00
Cauvery	Krishnarajasagar	Mandya	Karnataka	752.49		751.295	06:00	Falling	105.0	Steady	14/08/2021 12:00:00
-	Singatalur Barrage	Gadag	Karnataka	507.0		506.85	08:00	Steady	600.0	Steady	13/08/2021 20:00:00
Tungabhadra	Tungabhadra Dam	Bellary	Karnataka	497.74	497.74	497.653	14:00	Steady	600.0	Steady	13/08/2021 20:00:00
Tunga	Upper Tunga Prjct	Shimoga	Karnataka	588.24	588.24	588.24	06:00	Steady	325.0	Steady	14/08/2021 12:00:00
Cauvery	Grand Anicut	Thanjavur	Tamil Nadu	59.21	59.21	59.208	06:00	Steady	330.0	Steady	14/08/2021 10:00:00
Cauvery	Mettur Reservoir	Salem	Tamil Nadu	240.79	244.14	226.402	08:00	Falling	200.0	Falling	14/08/2021 10:00:00
Cauvery	UPPER ANICUT	Tiruchirappalli	Tamil Nadu	74.4	76.55	74.5	06:00	Steady	350.0	Steady	14/08/2021 10:00:00
Ganga	Dharamnagari Barrage	BIJNOR	Uttar Pradesh			218.8	14:00	Steady	1766.0	Falling	14/08/2021 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	14/08/2021 08:00:00
Ganga	NARORA Barrage	Buland Shahar	Uttar Pradesh	179.07		179.07	14:00	Steady	2200.0	Falling	14/08/2021 08:00:00
Damodar	Durgapur Barrage	BARDDHAMAN	West Bengal			64.312	12:00	Steady	1493.0	Falling	14/08/2021 06:00:00