

**FLOOD INFORMATION CENTRE
FLOOD FORECASTING & WARNING CENTRE
BANGLADESH WATER DEVELOPMENT BOARD
WAPDA BUILDING, 8TH FLOOR, DHAKA.**

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RAINFALL AND RIVER SITUATION SUMMARY AS ON AUGUST 13, 2008.

OUTLOOK

- Monsoon remains active over the country and adjoining Assam, Meghalaya, Tripura & Auranachal Pradesh (Brahmaputra basin).
- The Brahmaputra-Jamuna is very likely to continue rising. The Ganges also likely to rise and the trend will continue for next 2-3 days.
- The confluence of both the rivers (the Padma at Goalundo & Bhagyakul) will start rising from tomorrow and very likely to continue for next 3-4 days.

WATER LEVEL: (*Stations above danger level*)

River Name	Station Name	Above Danger Level in cm
Padma	Goalundo	2
Padma	Bhagyakul	14
Arial Khan	Madaripur	10
Kangsha	Jariajanjail	14

RAINFALL

Significant rainfalls recorded during last 24 hrs ending at 6 AM today are:

Station Name	Rainfall in mm	Station Name	Rainfall in mm
Jariajanjail	140.5	Barisal	66.8
Patuakhali	60.0	Dinajpur	66.2
Barguna	80.3		

GENERAL RIVER CONDITION

Monitored water Level stations	73	Steady	04
Rise	40	Not reported	2
Fall	27	<i>Above danger level</i>	03

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RIVER SITUATION AS ON 13-08-2008 AT 06:00 HOURS

SL	RIVER	STATION NAME	RHWL (m)	D.L. (m)	W A T E R 12-08-2008	L E V E L 13-08-2008	+ Rise - Fall in cm	Above D.L. in cm
BRAHMAPUTRA BASIN								
1	DHARLA	KURIGRAM	27.52	26.50	25.41	25.55	+ 14	
2	TEESTA	DALIA	52.97	52.40	52.15	52.08	-7	
3	TEESTA	KAUNIA	30.52	30.00	28.72	28.66	-6	
4	JAMUNESWARI	BADARGANJ	32.92	32.16	29.58	29.62	+ 4	
5	GHAGOT	GAIBANDHA	22.81	21.70	20.60	20.67	+ 7	
6	KARATOA	CHAK RAHIMPUR	21.41	20.15	18.45	18.80	+ 34	
7	KARATOA	BOGRA	17.45	16.32	13.07	14.10	+103	
8	BRAHMAPUTRA	NOONKHAWA	28.10	27.25	25.22	25.23	+ 1	
9	BRAHMAPUTRA	CHILMARI	25.06	24.00	22.66	22.78	+ 12	
10	JAMUNA	BAHADURABAD	20.62	19.50	18.59	18.64	+ 5	
11	JAMUNA	SERAJGANJ	15.12	13.75	13.10	13.10	0	
12	JAMUNA	ARICHA	10.76	9.40	8.88	8.89	+ 1	
13	OLD BRAHMAPUTRA	JAMALPUR	18.00	17.00	14.97	14.97	0	
14	OLD BRAHMAPUTRA	MYMENSINGH	13.71	12.50	9.80	9.77	-3	
15	BURIGANGA	DHAKA	7.58	6.00	5.00	4.94	-6	
16	BALU	DEMRA	7.13	5.75	5.29	5.23	-6	
17	LAKHYA	NARAYANGANJ	6.93	5.50	5.35	5.37	+ 2	
18	TURAG	MIRPUR	8.35	5.94	5.32	5.28	-4	
19	TONGI KHAL	TONGI	7.84	6.08	5.54	5.50	-4	
20	KALIGANGA	TARAGHAT	10.21	8.38	8.08	8.03	-5	
21	DHALESWARI	JAGIR	9.73	8.23	7.45	7.43	-2	
22	DHALESWARI	REKABI BAZAR	7.66	5.18	4.84	4.75	-9	
23	BANSHI	NAYARHAT	8.39	7.32	5.79	5.76	-3	
GANGES BASIN								
24	KARATOA	PANCHAGARH	72.65	70.75	68.41	69.05	+ 64	
25	PUNARBHABA	DINAJPUR	34.40	33.50	29.86	30.45	+ 59	
26	ICH-JAMUNA	PHULBARI	-	-	27.37	27.50	+ 13	
27	TANGON	THAKURGAON	51.26	50.40	48.00	48.08	+ 8	
28	UPPER ATRAI	BHUSIRBANDAR	41.10	39.62	37.27	37.31	+ 4	
29	MOHANANDA	ROHANPUR	23.83	22.00	19.64	-	-	
30	MOHANANDA	CHAPAI-NAWABGANJ	23.01	21.00	19.59	19.65	+ 6	
31	LITTLE JAMUNA	NAOGAON	16.20	15.24	13.10	13.33	+ 23	
32	ATRAI	MOHADEBPUR	19.89	18.59	15.12	15.62	+ 50	
33	GANGES	PANKHA	24.14	21.50	21.12	21.17	+ 5	
34	GANGES	RAJSHAHI	20.00	18.50	16.95	17.02	+ 7	
35	GANGES	HARDINGE BRIDGE	15.19	14.25	13.03	13.03	0	
36	PADMA	GOALUNDO	10.21	8.50	8.53	8.52	-1	+ 2
37	PADMA	BHAGYAKUL	7.58	6.00	6.16	6.14	-2	+ 14
38	GORAI	GORAI RLY BRIDGE	13.65	12.75	11.49	11.47	-2	
39	GORAI	KAMARKHALI	9.48	8.20	7.49	7.52	+ 3	
40	ICHAMATI	SAKRA	4.69	-	2.85	-	-	
41	MATHABHANGA	CHUADANGA	12.67	12.04	8.89	8.91	+ 2	
42	MATHABHANGA	HATBOALIA	15.13	14.48	11.05	11.06	+ 1	
43	KOBADAK	JHIKARGACHA	5.59	4.11	4.02	4.03	+ 1	
44	KUMAR	FARIDPUR	8.76	7.50	4.57	4.55	-2	
45	ARIALKHAN	MADARIPUR	5.80	4.17	4.29	4.27	-2	+ 10

Cont/2

SL	RIVER	STATION NAME	RHWL (m)	D.L. (m)	W A T E R 12-08-2008	L E V E L 13-08-2008	+ Rise - Fall in cm	Above D.L. in cm

MEGHNA BASIN								

46	SURMA	KANAIGHAT	15.26	13.20	12.70	12.67	-3	
47	SURMA	SYLHET	12.44	11.25	10.13	10.14	+ 1	
48	SURMA	SUNAMGANJ	9.75	8.25	7.61	7.71	+ 10	
49	KUSHIYARA	AMALSHID	18.28	15.85	15.12	15.10	-2	
50	KUSHIYARA	SHEOLA	14.46	13.50	12.93	12.93	0	
51	KUSHIYARA	SHERPUR	9.68	9.00	8.65	8.60	-5	
52	SARIGOWAIN	SARIGHAT	14.48	12.80	10.51	10.70	+ 19	
53	MANU	MANU RLY BR.	20.42	18.00	15.22	14.54	-68	
54	MANU	MOULVI BAZAR	13.25	11.75	9.60	9.10	-50	
55	KHOWAI	BALLAH	26.12	21.64	20.31	20.47	+ 16	
56	KHOWAI	HABIGANJ	11.93	9.50	7.04	7.16	+ 12	
57	DHALAI	KAMALGANJ	21.18	19.82	17.31	17.29	-2	
58	BHUGAI	NAKUGAON	26.01	22.40	20.79	20.89	+ 10	
59	JADUKATA	LORERGARH	11.85	8.53	6.78	6.93	+ 15	
60	SOMESWARI	DURGAPUR	15.20	13.00	11.81	12.33	+ 52	
61	KANGSHA	JARIAJANJAIL	13.37	9.75	9.27	9.89	+ 62	+ 14
62	MEGHNA	BHAIRAB BAZAR	7.66	6.25	5.82	5.80	-2	
63	GUMTI	COMILLA	13.56	11.75	7.87	7.62	-25	
64	GUMTI	DEBIDDAR	-	-	5.46	5.50	+ 4	
65	MEGHNA	*CHANDPUR L.W.L.	4.92	4.00	3.72**	3.59**	-13	
		*CHANDPUR H.W.L.	5.35	-	4.02***	3.89***	-13	

SOUTH EASTERN HILL BASIN								

66	MUHURI	PARSHURAM	16.33	13.00	10.57	10.92	+ 35	
67	HALDA	NARAYAN HAT	18.05	15.25	12.30	12.65	+ 35	
68	HALDA	PANCHPUKURIA	11.55	9.50	3.89	5.28	+139	
69	SANGU	BANDARBAN	20.38	15.25	6.57	9.30	+273	
70	SANGU	DOHAZARI	9.05	7.00	3.50	3.35	-15	
71	MATAMUHURI	LAMA	15.46	12.25	8.55	8.45	-10	
72	MATAMUHURI	CHIRINGA	7.03	5.75	3.54	4.55	+101	
73	FENI	RAMGARH	21.42	17.37	12.91	12.85	-6	

NOTE: WATER LEVEL AT STATION ABOVE DANGER LEVEL UNDERLINED.
- DATA NOT AVAILABLE.

L.W.L.: Lowest Water Level.

RHWL: Recorded Highest Water Level.

D.L.: Danger Level.

* : Tidal Station

** : Low Water Level of the Previous Day

*** : High Water Level of the Previous Day

DUTY OFFICER,
FLOOD INFORMATION CENTER,
BWDB, DHAKA.

RAINFALL SITUATION AS ON 13-08-2008 (IN MM)

SL NO	STATION	MAXIMUM FOR AUGUST	NORMAL FOR AUGUST	RAINFALL FOR 2008			TOTAL UPTODATE (UPTO 13-08-2008)
				11-08	12-08	13-08	
BRAHMAPUTRA BASIN							
1	KURIGRAM	876.6	340.1	27.0	13.0	6.0	185.3
2	DALIA	1247.5	516.0	14.0	10.0	5.0	155.0
3	KAUNIA	745.0	406.2	22.0	0.0	15.0	259.0
4	RANGPUR	608.0	340.8	28.6	19.5	33.1	187.0
5	CHILMARI	834.4	327.6	15.0	13.3	7.7	162.3
6	DEWANGANJ	617.0	338.3	50.0	25.0	10.0	164.0
7	GAIBANDHA	528.3	236.4	42.0	9.0	26.0	109.0
8	SERAJGANJ	540.6	257.2	8.5	19.0	24.3	114.1
9	BOGRA	734.0	297.3	32.5	135.2	35.4	229.4
10	JAMALPUR	914.4	367.9	47.5	7.0	25.0	249.4
11	MYMENSINGH	1008.3	396.1	22.8	8.8	38.5	150.0
12	DHAKA	484.5	304.8	59.6	16.5	3.8	141.1
13	TANGAIL	706.5	286.7	40.9	22.6	0.0	101.3
GANGES BASIN							
14	PANCHAGARH	1341.3	524.9	2.7	39.0	31.0	172.6
15	DINAJPUR	891.4	349.7	9.2	10.5	66.2	225.5
16	PABNA	-	264.0	23.0	12.0	9.0	133.5
17	NAOGAON	690.5	265.7	16.0	68.0	20.0	166.0
18	MOHADEBPUR	663.2	276.4	19.3	32.8	4.3	190.3
19	KUSHTIA	767.2	260.3	26.4	11.2	19.4	105.8
20	RAJSHAHI	453.0	242.8	12.0	65.0	9.0	149.0
21	ROHANPUR	567.6	258.9	0.0	60.0	-	76.0
22	C.NAWABGANJ	-	-	23.3	13.7	0.0	109.6
23	JESSORE	751.1	317.8	17.0	9.0	37.8	84.8
24	KHULNA	726.5	349.4	21.0	0.0	0.0	92.0
25	SATKHIRA	571.8	332.1	22.8	13.5	0.0	90.7
26	FARIDPUR	615.4	259.3	25.2	5.0	1.2	63.6
27	MADARIPUR	-	-	10.2	0.7	0.0	15.7
28	BARISAL	817.1	398.0	27.0	29.4	66.8	205.3
29	PATUAKHALI	798.6	489.2	9.8	7.5	60.0	145.1
30	BARGUNA	-	-	21.5	10.0	80.3	131.4
MEGHNA BASIN							
31	KANAIGHAT	1232.0	800.1	9.0	13.0	1.0	273.0
32	SYLHET	1138.5	605.8	14.0	11.0	39.0	319.0
33	SUNAMGANJ	2514.7	1159.4	30.0	26.0	18.0	327.0
34	SHEOLA	1070.0	603.0	10.0	40.0	10.0	303.5
35	MOULVI BAZAR	666.9	377.3	4.0	6.0	4.0	143.0
36	MANU RLY BR	520.6	377.4	11.0	6.0	39.0	184.0
37	HABIGANJ	955.5	389.1	6.5	14.6	1.5	161.6
38	SHERPUR	-	-	12.0	20.0	0.0	80.5
39	DURGAPUR	1093.7	607.0	38.5	52.6	40.5	207.8
40	LORERGARH	-	-	26.2	46.8	7.3	293.8
41	NAKUAGAON	-	-	30.0	7.5	15.4	70.9
42	JARIAJANJAIL	-	-	98.2	38.0	140.5	391.0
43	BHATRAB BAZAR	916.2	314.5	28.0	12.8	14.2	129.7
44	COMILLA	660.5	347.0	18.3	41.5	6.1	176.4
45	CHANDPUR	588.6	336.1	21.0	8.0	1.0	86.5

cont/2

SL NO	STATION	MAXIMUM FOR AUGUST	NORMAL FOR AUGUST	RAINFALL FOR 2008			TOTAL UPTODATE (UPTO 13-08-2008)
				11-08	12-08	13-08	
SOUTH EASTERN HILL BASIN							
46	PARSHURAM	664.1	403.0	7.6	-	1.5	78.0
47	NARAYANHAT	1341.3	524.9	3.5	50.0	2.5	76.0
48	NOAKHALI	994.4	657.4	50.5	63.2	32.4	231.9
49	PANCHPUKURIA	860.3	478.0	15.0	90.0	15.5	152.5
50	BANDARBAN	1152.3	440.5	5.0	19.0	8.0	127.0
51	RANGAMATI	1377.9	439.9	4.5	13.0	17.0	60.0
52	LAMA	1048.7	607.6	12.0	19.3	5.1	119.8
53	CHITTAGONG	1086.9	538.7	15.0	90.0	7.0	131.0
54	RAMGARH	1075.7	467.0	0.0	32.0	11.0	79.0
55	COX'S BAZAR	1286.4	677.1	7.0	30.0	37.0	174.0
56	TEKNAF	-	-	-	-	80.0	119.0

NOTE: RAINFALL AT STATIONS ABOVE 50 MM UNDERLINED.
- DATA NOT AVAILABLE.

In General, 50 mm or above rainfall in one day causes stress on local drainage system leading to localised flood.

300 mm or more rainfall in consecutive 10 days impedes the drainage and likely to cause rain-fed flood in the area.

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24, 48 & 72 Hrs MODEL FORECAST

FLOOD FORECASTING MODEL - FF2007:
Data available up to 13-08-2008

			today	24-hrs	24-hrs	24-hrs	48-hrs	48-hrs	48-hrs	72-hrs	72-hrs	72-hrs
				fore-	+ rise	+ above	fore-	+ rise	+ above	fore-	+ rise	+ above
				cast	- fall	- below	cast	- fall	- below	cast	- fall	- below
						D.L.			D.L.			D.L.
Water Level in [m]			13-08	14-08	14-08	14-08	15-08	15-08	15-08	16-08	16-08	16-08
River	Station	D.L. (meter)	0600 (meter)	0600 (meter)	0600 (cm)	0600 (cm)	0600 (meter)	0600 (cm)	0600 (cm)	0600 (meter)	0600 (cm)	0600 (cm)
Atrai	Mohadevpur	18.59	15.62	15.80	+ 18	-279	16.12	+ 32	-247	16.50	+ 38	-209
Atrai	Atrai	13.72	-	11.32	-	-243	11.57	+ 25	-218	11.83	+ 26	-192
Jamuna	Naogaon	15.24	13.33	13.89	+ 56	-135	14.26	+ 37	-98	14.62	+ 36	-62
Karatoya	Chakrahimpur	20.15	18.80	18.96	+ 16	-119	19.13	+ 17	-102	19.31	+ 18	-84
Karatoya	Bogra	16.32	14.10	14.50	+ 40	-182	14.70	+ 20	-162	14.87	+ 17	-145
Teesta	Kaunia	30.00	28.66	28.68	+ 2	-132	28.71	+ 3	-129	28.72	+ 1	-128
Brahmaputra	Chilmari	24.00	22.78	22.85	+ 7	-115	22.91	+ 6	-109	22.97	+ 6	-103
Jamuna	Bahadurabad	19.50	18.64	18.68	+ 4	-82	18.73	+ 5	-77	18.77	+ 4	-73
Jamuna	Kazipur	16.46	14.56	14.57	+ 1	-189	14.61	+ 4	-185	14.64	+ 3	-182
Jamuna	Serajganj	13.75	13.10	13.12	+ 2	-63	13.16	+ 4	-59	13.21	+ 5	-54
Jamuna	Porabari	12.27	11.20	11.21	+ 1	-106	11.24	+ 3	-103	11.28	+ 4	-99
Jamuna	Aricha	9.40	8.89	8.90	+ 1	-50	8.93	+ 3	-47	8.96	+ 3	-44
Old Brahmaputra	Jamalpur	17.00	14.97	14.94	-3	-206	14.94	0	-206	14.99	+ 5	-201
Old Brahmaputra	Mymensingh	12.50	9.77	9.74	-3	-276	9.72	-2	-278	9.70	-2	-280
Bangshi	Nayerhat	7.32	5.76	5.74	-2	-158	5.73	-1	-159	5.73	0	-159
Old Dhalesari	Jagir	8.23	7.43	7.41	-2	-82	7.40	-1	-83	7.41	+ 1	-82
Dhaleswari	Kalagachia	4.88	4.74	4.73	-1	-15	4.73	0	-15	-	-	-
Kaliganga	Taraghat	8.38	8.03	8.00	-3	-38	7.99	-1	-39	8.00	+ 1	-38
Tongi Khal	Tongi	6.08	5.50	5.48	-2	-60	5.47	-1	-61	5.47	0	-61
Turag	Mirpur	5.94	5.28	5.26	-2	-68	5.26	0	-68	5.25	-1	-69
Buriganga	Dhaka (Mill Barrack)	6.00	4.94	4.92	-2	-108	4.92	0	-108	4.92	0	-108
Buriganga	Dhaka (Hariharpara)	5.79	-	4.95	-	-84	4.95	0	-84	4.95	0	-84
Balu	Demra	5.75	5.23	5.21	-2	-54	5.20	-1	-55	5.20	0	-55
Lakhya	Narayanganj	5.50	5.37	5.35	-2	-15	5.35	0	-15	5.34	-1	-16

Padma	Rajshahi	18.50	17.02	17.07	+	5	-143	17.12	+	5	-138	17.15	+	3	-135
Padma	Hardinge Br	14.25	13.03	13.07	+	4	-118	13.10	+	3	-115	13.14	+	4	-111
Padma	Talbaria	12.80	12.07	12.10	+	3	-70	12.14	+	4	-66	12.17	+	3	-63
Padma	Goalondo	8.50	8.52	8.53	+	1	+ 3	8.56	+	3	+ 6	8.59	+	3	+ 9
Padma	Bhagyakul	6.00	6.14	6.15	+	1	+ 15	6.17	+	2	+ 17	6.20	+	3	+ 20
Padma	Mawa	6.00	5.54	5.55	+	1	-45	5.57	+	2	-43	5.60	+	3	-40
Gorai	Gorai Rly Bridge	12.75	11.47	11.49	+	2	-126	11.50	+	1	-125	11.52	+	2	-123
Gorai	Kamarkhali	8.20	7.52	7.53	+	1	-67	7.55	+	2	-65	7.57	+	2	-63
Surma	Sylhet	11.25	10.14	10.12	-	2	-113	10.12		0	-113	10.14	+	2	-111
Surma	Sunamganj	8.25	7.71	7.71		0	-54	7.72	+	1	-53	7.74	+	2	-51
Kushiyara	Sheola	13.50	12.93	12.91	-	2	-59	12.89		-2	-61	12.89		0	-61
Meghna	Bhairab Bazar	6.25	5.80	5.79	-	1	-46	5.80	+	1	-45	5.80		0	-45
Meghna	Baider Bazar	5.18	4.74	4.73	-	1	-45	4.73		0	-45	4.74	+	1	-44
Meghna	Meghna Bridge	5.03	4.56	4.55	-	1	-48	4.56	+	1	-47	4.57	+	1	-46

Note: 1) 24 hrs. rise/fall indicates changes in water levels from today 6 A.M. to tomorrow 6 A.M.

2) 48 hrs. rise/fall indicates changes in water levels from tomorrow 6 A.M. to day after tomorrow 6 A.M.

3) "+ above" means water level flowing above danger level, "- below" means water level flowing below danger level.