

**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 JULY 31, 2008.

OUTLOOK

- Monsoon remains weak over Bangladesh and neighbouring Indian states for consecutive days.
- The Brahmaputra-Jamuna has started falling and is expected to maintain the trend for next 3-4 days.
- After non-stop rising for couple of weeks, the Ganges cool down and is likely to remain almost steady/slight fall for next 2/3 days.
- The confluence of both the rivers (the Padma at Goalundo & Bhagyakul) has started falling slowly and is likely to fall further for next 3-4 days.
- Flood situation in the districts of Munshiganj, Manikganj, Faridpur, Madaripur, Shariatpur, Dohar & Nawabganj of Dhaka district is likely to start improving gradually.

WATER LEVEL: (*Stations above danger level*)

River Name	Station Name	Above Danger Level in cm	River Name	Station Name	Above Danger Level in cm
Padma	Goalundo	44	Arial Khan	Madaripur	23
Padma	Bhagyakul	48	Kangsha	Jariajanjail	28
Kobadak	Jhikargacha	03			

RAINFALL

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

Station Name	Rainfall in mm	Station Name	Rainfall in mm
Cox' Bazar	35.0	Chittagong	17.0
Durgapur	14.3	-	-

GENERAL RIVER CONDITION

Monitored water Level stations	73	Steady	03
Rise	16	Not reported	01
Fall	53	<i>Above danger level</i>	05

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RIVER SITUATION AS ON 31-07-2008 AT 06:00 HOURS

SL	RIVER	STATION NAME	RHWL (m)	D.L. (m)	W A T E R 30-07-2008	L E V E L 31-07-2008	+ Rise - Fall in cm	Above D.L. in cm
BRAHMAPUTRA BASIN								
1	DHARLA	KURIGRAM	27.52	26.50	25.76	25.62	-14	
2	TEESTA	DALIA	52.97	52.40	52.05	51.97	-8	
3	TEESTA	KAUNIA	30.52	30.00	28.52	28.49	-3	
4	JAMUNESWARI	BADARGANJ	32.92	32.16	29.47	29.13	-34	
5	GHAGOT	GAIBANDHA	22.81	21.70	21.29	21.20	-9	
6	KARATOA	CHAK RAHIMPUR	21.41	20.15	19.79	19.42	-37	
7	KARATOA	BOGRA	17.45	16.32	14.35	14.07	-28	
8	BRAHMAPUTRA	NOONKHAWA	28.10	27.25	25.88	25.75	-13	
9	BRAHMAPUTRA	CHILMARI	25.06	24.00	23.34	23.25	-9	
10	JAMUNA	BAHADURABAD	20.62	19.50	19.17	19.03	-14	
11	JAMUNA	SERAJGANJ	15.12	13.75	13.62	13.53	-9	
12	JAMUNA	ARICHA	10.76	9.40	9.35	9.34	-1	
13	OLD BRAHMAPUTRA	JAMALPUR	18.00	17.00	16.08	16.00	-8	
14	OLD BRAHMAPUTRA	MYMENSINGH	13.71	12.50	10.80	10.79	-1	
15	BURIGANGA	DHAKA	7.58	6.00	5.11	5.11	0	
16	BALU	DEMRA	7.13	5.75	5.39	5.42	+ 3	
17	LAKHYA	NARAYANGANJ	6.93	5.50	5.50	5.50	0	
18	TURAG	MIRPUR	8.35	5.94	5.31	5.34	+ 3	
19	TONGI KHAL	TONGI	7.84	6.08	5.43	-	-	
20	KALIGANGA	TARAGHAT	10.21	8.38	8.00	8.13	+ 13	
21	DHALESWARI	JAGIR	9.73	8.23	7.30	7.46	+ 16	
22	DHALESWARI	REKABI BAZAR	7.66	5.18	5.01	5.02	+ 1	
23	BANSHI	NAYARHAT	8.39	7.32	5.57	5.62	+ 5	
GANGES BASIN								
24	KARATOA	PANCHAGARH	72.65	70.75	68.17	68.13	-4	
25	PUNARBHABA	DINAJPUR	34.40	33.50	29.60	29.40	-20	
26	ICH-JAMUNA	PHULBARI	-	-	27.10	26.94	-16	
27	TANGON	THAKURGAON	51.26	50.40	48.06	48.00	-6	
28	UPPER ATRAI	BHUSIRBANDAR	41.10	39.62	37.20	37.06	-14	
29	MOHANANDA	ROHANPUR	23.83	22.00	20.25	20.20	-5	
30	MOHANANDA	CHAPAI-NAWABGANJ	23.01	21.00	20.05	20.03	-2	
31	LITTLE JAMUNA	NAOGAON	16.20	15.24	14.13	13.78	-35	
32	ATRAI	MOHADEBPUR	19.89	18.59	15.42	14.93	-49	
33	GANGES	PANKHA	24.14	21.50	21.45	21.47	+ 2	
34	GANGES	RAJSHAHI	20.00	18.50	17.29	17.31	+ 2	
35	GANGES	HARDINGE BRIDGE	15.19	14.25	13.37	13.35	-2	
36	PADMA	GOALUNDO	10.21	8.50	8.96	8.94	-2	+ 44
37	PADMA	BHAGYAKUL	7.58	6.00	6.50	6.48	-2	+ 48
38	GORAI	GORAI RLY BRIDGE	13.65	12.75	11.85	11.84	-1	
39	GORAI	KAMARKHALI	9.48	8.20	7.89	7.90	+ 1	
40	ICHAMATI	SAKRA	4.69	-	1.65	1.35	-30	
41	MATHABHANGA	CHUADANGA	12.67	12.04	9.30	9.30	0	
42	MATHABHANGA	HATBOALIA	15.13	14.48	11.40	11.41	+ 1	
43	KOBADAK	JHIKARGACHA	5.59	4.11	4.15	4.14	-1	+ 3
44	KUMAR	FARIDPUR	8.76	7.50	4.49	4.50	+ 1	
45	ARIALKHAN	MADARIPUR	5.80	4.17	4.35	4.40	+ 5	+ 23

Cont/2

SL	RIVER	STATION NAME	RHWL (m)	D.L. (m)	W A T E R 30-07-2008	L E V E L 31-07-2008	+ Rise - Fall in cm	Above D.L. in cm

MEGHNA BASIN								

46	SURMA	KANAIGHAT	15.26	13.20	12.11	12.01	-10	
47	SURMA	SYLHET	12.44	11.25	10.24	10.12	-12	
48	SURMA	SUNAMGANJ	9.75	8.25	8.16	8.03	-13	
49	KUSHIYARA	AMALSHID	18.28	15.85	13.91	14.02	+ 11	
50	KUSHIYARA	SHEOLA	14.46	13.50	12.00	12.05	+ 5	
51	KUSHIYARA	SHERPUR	9.68	9.00	8.41	8.37	-4	
52	SARIGOWAIN	SARIGHAT	14.48	12.80	11.60	11.44	-16	
53	MANU	MANU RLY BR.	20.42	18.00	13.95	13.91	-4	
54	MANU	MOULVI BAZAR	13.25	11.75	8.90	8.82	-8	
55	KHOWAI	BALLAH	26.12	21.64	20.25	20.11	-14	
56	KHOWAI	HABIGANJ	11.93	9.50	7.26	6.92	-34	
57	DHALAI	KAMALGANJ	21.18	19.82	17.30	17.09	-21	
58	BHUGAI	NAKUGAON	26.01	22.40	20.69	20.63	-6	
59	JADUKATA	LORERGARH	11.85	8.53	6.84	6.75	-9	
60	SOMESWARI	DURGAPUR	15.20	13.00	11.68	11.61	-7	
61	KANGSHA	JARIAJANJAIL	13.37	9.75	10.07	10.03	-4	+ 28
62	MEGHNA	BHAIRAB BAZAR	7.66	6.25	5.97	5.98	+ 1	
63	GUMTI	COMILLA	13.56	11.75	7.45	7.33	-12	
64	GUMTI	DEBIDDAR	-	-	5.31	5.35	+ 4	
65	MEGHNA	*CHANDPUR L.W.L.	4.92	4.00	3.69**	3.67**	-2	
		*CHANDPUR H.W.L.	5.35	-	4.24***	4.34***	+ 10	

SOUTH EASTERN HILL BASIN								

66	MUHURI	PARSHURAM	16.33	13.00	10.05	10.00	-5	
67	HALDA	NARAYAN HAT	18.05	15.25	12.45	12.40	-5	
68	HALDA	PANCHPUKURIA	11.55	9.50	4.66	4.63	-3	
69	SANGU	BANDARBAN	20.38	15.25	6.10	6.05	-5	
70	SANGU	DOHAZARI	9.05	7.00	2.38	2.30	-8	
71	MATAMUHURI	LAMA	15.46	12.25	7.32	7.25	-7	
72	MATAMUHURI	CHIRINGA	7.03	5.75	3.02	2.98	-4	
73	FENI	RAMGARH	21.42	17.37	12.73	12.72	-1	

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,
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BWDB, DHAKA.

RAINFALL SITUATION AS ON 31-07-2008 (IN MM)

SL NO	STATION	MAXIMUM FOR JULY	NORMAL FOR JULY	RAINFALL FOR 2008			TOTAL UPTODATE (UPTO 31-07-2008)
				29-07	30-07	31-07	
BRAHMAPUTRA BASIN							
1	KURIGRAM	969.3	530.6	0.0	0.0	0.0	485.7
2	DALIA	1137.5	687.4	0.0	0.0	0.0	569.0
3	KAUNIA	1554.5	561.3	0.0	0.0	0.0	564.0
4	RANGPUR	1378.6	488.6	0.5	0.0	0.0	320.2
5	CHILMARI	1265.8	525.5	0.0	0.0	0.0	443.2
6	DEWANGANJ	1064.0	493.2	0.0	0.0	0.0	558.0
7	GAIBANDHA	1164.0	444.9	0.0	0.0	3.0	555.0
8	SERAJGANJ	867.2	350.6	0.0	0.0	0.0	416.1
9	BOGRA	813.1	427.9	0.0	0.0	0.0	631.5
10	JAMALPUR	1027.3	521.5	0.0	4.0	0.0	514.1
11	MYMENSINGH	860.3	569.3	0.0	0.0	0.5	472.9
12	DHAKA	694.0	360.2	0.0	0.6	0.0	664.8
13	TANGAIL	732.1	343.1	0.0	0.0	0.0	479.3
GANGES BASIN							
14	PANCHAGARH	1353.6	812.4	0.0	0.0	4.0	652.3
15	DINAJPUR	1020.2	490.2	0.0	0.0	0.0	412.6
16	PABNA	-	290.0	5.0	3.2	3.0	443.7
17	NAOGAON	690.7	343.1	8.0	10.0	2.0	411.0
18	MOHADEBPUR	908.0	352.1	0.0	0.7	1.0	257.2
19	KUSHTIA	656.3	338.3	4.9	0.4	0.0	533.3
20	RAJSHAHI	534.1	274.7	5.0	3.5	2.0	238.0
21	ROHANPUR	603.5	344.1	0.0	0.0	0.0	185.0
22	C.NAWABGANJ	-	-	3.8	0.0	0.0	331.2
23	JESSORE	587.0	350.8	6.8	1.4	3.5	423.1
24	KHULNA	639.3	351.9	0.0	0.0	0.0	476.0
25	SATKHIRA	679.7	386.2	12.8	6.4	4.4	312.0
26	FARIDPUR	842.9	348.9	0.5	8.5	4.0	398.5
27	MADARIPUR	-	-	2.1	4.7	0.0	393.0
28	BARISAL	840.0	416.0	0.0	10.5	4.0	604.2
29	PATUAKHALI	862.7	560.2	6.5	8.6	2.4	1043.9
30	BARGUNA	-	-	2.8	20.0	8.8	990.2
MEGHNA BASIN							
31	KANAIGHAT	1245.0	814.4	10.0	11.0	0.0	615.0
32	SYLHET	1393.4	829.5	6.0	5.0	0.0	630.5
33	SUNAMGANJ	2097.3	1402.6	5.0	15.0	6.0	1388.0
34	SHEOLA	1145.5	735.9	13.0	18.0	0.0	512.0
35	MOULVI BAZAR	724.4	413.6	9.0	10.0	0.0	392.0
36	MANU RLY BR	643.1	427.4	0.0	1.0	1.0	221.0
37	HABIGANJ	816.1	446.8	0.0	3.0	8.5	509.0
38	SHERPUR	-	-	45.0	0.3	0.2	421.1
39	DURGAPUR	1862.3	807.2	1.0	8.5	14.3	712.2
40	LORENGARH	-	-	0.0	7.0	0.0	1732.2
41	NAKUAGAON	-	-	2.5	0.0	2.0	731.0
42	JARIAJANJAIL	-	-	4.0	9.0	0.0	699.0
43	BHAIRAB BAZAR	695.4	395.4	0.0	0.0	0.0	668.2
44	COMILLA	1019.6	465.0	0.0	0.0	0.0	449.6
45	CHANDPUR	840.7	417.3	0.0	7.0	1.6	848.1

cont/2

SL NO	STATION	MAXIMUM FOR JULY	NORMAL FOR JULY	RAINFALL FOR 2008			TOTAL UPTODATE (UPTO 31-07-2008)
				29-07	30-07	31-07	
SOUTH EASTERN HILL BASIN							
46	PARSHURAM	1133.6	562.7	0.0	0.0	-	668.5
47	NARAYANHAT	1353.6	812.4	5.4	12.0	0.0	603.4
48	NOAKHALI	1285.6	739.3	5.2	15.0	9.4	980.5
49	PANCHPUKURIA	1201.9	702.0	0.0	15.0	8.2	730.2
50	BANDARBAN	1398.3	595.5	0.0	-	3.0	507.2
51	RANGAMATI	1491.7	567.5	0.0	0.0	3.0	422.0
52	LAMA	1809.5	769.0	0.0	3.0	6.5	1113.0
53	CHITTAGONG	1527.0	811.7	0.0	0.0	17.0	1004.5
54	RAMGARH	1539.0	626.0	3.0	5.0	2.0	536.0
55	COX'S BAZAR	1866.1	945.6	9.0	8.0	35.0	1297.0
56	TEKNAF	-	-	-	0.0	0.0	369.0

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.

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

24, 48 & 72 Hrs MODEL FORECAST

FLOOD FORECASTING MODEL - FF2007:
Data available up to 31-07-2008

			today	24-hrs fore- cast	24-hrs + rise - fall	24-hrs + above - below D.L.	48-hrs fore- cast	48-hrs + rise - fall	48-hrs + above - below D.L.	72-hrs fore- cast	72-hrs + rise - fall	72-hrs + above - below D.L.
Water Level in [m]			31-07	01-08	01-08	01-08	02-08	02-08	02-08	03-08	03-08	03-08
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	14.93	14.79	-14	-380	14.66	-13	-393	14.53	-13	-406
Atrai	Atrai	13.72	-	10.90	-	-285	10.92	+ 2	-283	10.93	+ 1	-282
Jamuna	Naogaon	15.24	13.78	13.80	+ 2	-144	13.81	+ 1	-143	13.81	0	-143
Karatoya	Chakrahimpur	20.15	19.42	19.22	-20	-93	19.02	-20	-113	18.85	-17	-130
Karatoya	Bogra	16.32	14.07	14.11	+ 4	-221	14.13	+ 2	-219	14.12	-1	-220
Teesta	Kaunia	30.00	28.49	28.44	-5	-156	28.38	-6	-162	28.42	+ 4	-158
Brahmaputra	Chilmari	24.00	23.25	23.13	-12	-87	22.99	-14	-101	22.89	-10	-111
Jamuna	Bahadurabad	19.50	19.03	18.93	-10	-57	18.81	-12	-69	18.72	-9	-78
Jamuna	Kazipur	16.46	15.01	14.91	-10	-155	14.83	-8	-163	14.75	-8	-171
Jamuna	Serajganj	13.75	13.53	13.41	-12	-34	13.31	-10	-44	13.19	-12	-56
Jamuna	Porabari	12.27	11.68	11.61	-7	-66	11.54	-7	-73	11.45	-9	-82
Jamuna	Aricha	9.40	9.34	9.28	-6	-12	9.23	-5	-17	9.17	-6	-23
Old Brahmaputra	Jamalpur	17.00	16.00	15.92	-8	-108	15.82	-10	-118	15.69	-13	-131
Old Brahmaputra	Mymensingh	12.50	10.79	10.77	-2	-173	10.74	-3	-176	10.69	-5	-181
Bangshi	Nayerhat	7.32	5.62	5.65	+ 3	-166	5.68	+ 3	-164	5.70	+ 2	-162
Old Dhalesari	Jagir	8.23	7.46	7.48	+ 2	-75	7.50	+ 2	-73	7.50	0	-73
Dhaleswari	Kalagachia	4.88	4.91	4.92	+ 1	+ 4	4.92	0	+ 4	-	-	-
Kaliganga	Taraghat	8.38	8.13	8.16	+ 3	-22	8.18	+ 2	-20	8.19	+ 1	-19
Tongi Khal	Tongi	6.08	-	5.50	-	-58	5.54	+ 4	-54	5.57	+ 3	-51
Turag	Mirpur	5.94	5.34	5.37	+ 3	-57	5.40	+ 3	-54	5.42	+ 2	-52
Buriganga	Dhaka (Mill Barrack)	6.00	5.11	5.13	+ 2	-87	5.15	+ 2	-85	5.17	+ 2	-83
Buriganga	Dhaka (Hariharpara)	5.79	-	5.10	-	-69	5.11	+ 1	-68	5.13	+ 2	-66
Balu	Demra	5.75	5.42	5.46	+ 4	-29	5.49	+ 3	-26	5.52	+ 3	-23
Lakhya	Narayanganj	5.50	5.50	5.55	+ 5	+ 5	5.60	+ 5	+ 10	5.64	+ 4	+ 14

Padma	Rajshahi	18.50	17.31	17.32	+ 1	-118	17.32	0	-118	17.31	-1	-119
Padma	Hardinge Br	14.25	13.35	13.35	0	-90	13.35	0	-90	13.35	0	-90
Padma	Talbaria	12.80	12.43	12.43	0	-37	12.43	0	-37	12.42	-1	-38
Padma	Goalondo	8.50	8.94	8.89	-5	+ 39	8.85	-4	+ 35	8.80	-5	+ 30
Padma	Bhagyakul	6.00	6.48	6.43	-5	+ 43	6.39	-4	+ 39	6.35	-4	+ 35
Padma	Mawa	6.00	5.94	5.89	-5	-11	5.85	-4	-15	5.80	-5	-20
Gorai	Gorai Rly Bridge	12.75	11.84	11.84	0	-91	11.84	0	-91	11.83	-1	-92
Gorai	Kamarkhali	8.20	7.90	7.90	0	-30	7.90	0	-30	7.90	0	-30
Surma	Sylhet	11.25	10.12	10.05	-7	-120	10.01	-4	-124	9.96	-5	-129
Surma	Sunamganj	8.25	8.03	7.95	-8	-30	7.88	-7	-37	7.82	-6	-43
Kushiyara	Sheola	13.50	12.05	12.10	+ 5	-140	12.16	+ 6	-134	12.21	+ 5	-129
Meghna	Bhairab Bazar	6.25	5.98	5.99	+ 1	-26	6.00	+ 1	-25	6.01	+ 1	-24
Meghna	Baider Bazar	5.18	4.91	4.92	+ 1	-26	4.92	0	-26	4.92	0	-26
Meghna	Meghna Bridge	5.03	4.75	4.75	0	-28	4.74	-1	-29	4.74	0	-29

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.

