

**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 SEPTEMBER 09, 2008.

OUTLOOK

- *Overall flood situation of the country will largely be over by the end of this week.*
- *Flood situation of northern districts continued improving and in the central & south-central districts remained unchanged/slight improvement and very much expect to start improving significantly by next 24-48 hrs.*
- **The mighty Brahmaputra-Jamuna sustained falling with higher rate and the falling trend will continue for next 3-4 days.**
- **The Ganges also continued falling at a higher rate and the falling trend is very likely to continue for next 2-3 days.**
- **The confluence of both the rivers (Padma at Goalundo & Bhagyakul) has started receding and the receding trend will continue with a higher rate from tomorrow.**
- **The Meghna remained steady and hopefully will start receding by next 24-48 hrs.**
- **Inundation situation of low lying areas in the eastern part of Dhaka city and outside of Dhaka city flood protection embankment is likely to start improving by next 48 hrs.**
- **Flood situation in the districts of Kurigram, Bogra, Jamalpur, Serajganj, Tangail, Munshiganj, Manikganj continued improving significantly. In south-central districts (Rajbari, Faridpur, Madaripur, Shariatpur, Gopalganj, Chandpur, Dohar & Nawabganj of Dhaka district) flood situation has started getting better and hopefully will improve noticeably by the end of this week.**

WATER LEVEL: (Stations above danger level)

River Name	Station Name	Above Danger Level in cm	River Name	Station Name	Above Danger Level in cm
Jamuna	Serajganj	43	Surma	Kanaighat	29
Jamuna	Aricha	25	Kushiara	Amalshid	6
Padma	Goalundo	80	Kushiara	Sheola	12
Padma	Bhagyakul	90	Kaliganga	Taraghat	91
Arial khan	Madaripur	59	Turag	Mirpur	16
Meghna	Bhairab Bazar	26	Dhaleswari	Jagir	57
Meghna	Chandpur	11	Dhaleswari	Rekabibazar	22
Karatoa	Chakrahimpur	15	Balu	Demra	12
Lakhya	Narayanganj	40	Tongi khal	Tongi	10

RAINFALL

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

Station Name	Rainfall in mm	Station Name	Rainfall in mm
Bhairab bazar	67.5	Rangamati	49.0

GENERAL RIVER CONDITION

Monitored water Level stations	73	Steady	4
Rise	18	Not reported	-
Fall	51	<i>Above danger level</i>	<i>18</i>

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RIVER SITUATION AS ON 09-09-2008 AT 06:00 HOURS

SL	RIVER	STATION NAME	RHWL (m)	D.L. (m)	W A T E R 08-09-2008	L E V E L 09-09-2008	+ Rise - Fall in cm	Above D.L. in cm
BRAHMAPUTRA BASIN								
1	DHARLA	KURIGRAM	27.52	26.50	26.59	26.30	-29	
2	TEESTA	DALIA	52.97	52.40	51.80	51.55	-25	
3	TEESTA	KAUNIA	30.52	30.00	28.49	28.37	-12	
4	JAMUNESWARI	BADARGANJ	32.92	32.16	30.75	30.39	-36	
5	GHAGOT	GAIBANDHA	22.81	21.70	21.84	21.68	-16	
6	KARATOA	CHAK RAHIMPUR	21.41	20.15	20.27	20.30	+ 2	+ 15
7	KARATOA	BOGRA	17.45	16.32	13.66	13.64	-2	
8	BRAHMAPUTRA	NOONKHAWA	28.10	27.25	26.63	26.36	-27	
9	BRAHMAPUTRA	CHILMARI	25.06	24.00	23.87	23.65	-22	
10	JAMUNA	BAHADURABAD	20.62	19.50	19.64	19.48	-16	
11	JAMUNA	SERAJGANJ	15.12	13.75	14.30	14.18	-12	+ 43
12	JAMUNA	ARICHA	10.76	9.40	9.77	9.65	-12	+ 25
13	OLD BRAHMAPUTRA	JAMALPUR	18.00	17.00	16.89	16.86	-3	
14	OLD BRAHMAPUTRA	MYMENSINGH	13.71	12.50	11.76	11.84	+ 8	
15	BURIGANGA	DHAKA	7.58	6.00	5.70	5.72	+ 2	
16	BALU	DEMRA	7.13	5.75	5.88	5.87	-1	+ 12
17	LAKHYA	NARAYANGANJ	6.93	5.50	5.90	5.90	0	+ 40
18	TURAG	MIRPUR	8.35	5.94	6.08	6.10	+ 2	+ 16
19	TONGI KHAL	TONGI	7.84	6.08	6.16	6.18	+ 2	+ 10
20	KALIGANGA	TARAGHAT	10.21	8.38	9.28	9.29	+ 1	+ 91
21	DHALESWARI	JAGIR	9.73	8.23	8.77	8.80	+ 3	+ 57
22	DHALESWARI	REKABI BAZAR	7.66	5.18	5.41	5.40	-1	+ 22
23	BANSHI	NAYARHAT	8.39	7.32	6.73	6.80	+ 7	
GANGES BASIN								
24	KARATOA	PANCHAGARH	72.65	70.75	68.17	68.31	+ 14	
25	PUNARBHABA	DINAJPUR	34.40	33.50	30.92	30.30	-62	
26	ICH-JAMUNA	PHULBARI	-	-	27.78	27.65	-13	-
27	TANGON	THAKURGAON	51.26	50.40	48.06	48.29	+ 23	
28	UPPER ATRAI	BHUSIRBANDAR	41.10	39.62	38.02	37.58	-44	
29	MOHANANDA	ROHANPUR	23.83	22.00	20.58	20.46	-12	
30	MOHANANDA	CHAPAI-NAWABGANJ	23.01	21.00	20.24	20.10	-14	
31	LITTLE JAMUNA	NAOGAON	16.20	15.24	13.98	13.95	-3	
32	ATRAI	MOHADEBPUR	19.89	18.59	16.11	16.05	-6	
33	GANGES	PANKHA	24.14	21.50	21.51	21.30	-21	
34	GANGES	RAJSHAHI	20.00	18.50	17.43	17.22	-21	
35	GANGES	HARDINGE BRIDGE	15.19	14.25	13.58	13.45	-13	
36	PADMA	GOALUNDO	10.21	8.50	9.38	9.30	-8	+ 80
37	PADMA	BHAGYAKUL	7.58	6.00	6.95	6.90	-5	+ 90
38	GORAI	GORAI RLY BRIDGE	13.65	12.75	12.00	11.82	-18	
39	GORAI	KAMARKHALI	9.48	8.20	7.96	7.86	-10	
40	ICHAMATI	SAKRA	4.69	-	3.83	3.65	-18	-
41	MATHABHANGA	CHUADANGA	12.67	12.04	9.58	9.46	-12	
42	MATHABHANGA	HATBOALIA	15.13	14.48	11.74	11.58	-16	
43	KOBADAK	JHIKARGACHA	5.59	4.11	4.07	4.06	-1	
44	KUMAR	FARIDPUR	8.76	7.50	4.89	4.87	-2	
45	ARIALKHAN	MADARIPUR	5.80	4.17	4.76	4.76	0	+ 59

Cont/2

SL	RIVER	STATION NAME	RHWL (m)	D.L. (m)	W A T E R 08-09-2008	L E V E L 09-09-2008	+ Rise - Fall in cm	Above D.L. in cm

MEGHNA BASIN								

46	SURMA	KANAIGHAT	15.26	13.20	13.59	13.49	-10	+ 29
47	SURMA	SYLHET	12.44	11.25	11.00	10.92	-8	
48	SURMA	SUNAMGANJ	9.75	8.25	8.37	8.25	-12	
49	KUSHIYARA	AMALSHID	18.28	15.85	15.92	15.91	-1	+ 6
50	KUSHIYARA	SHEOLA	14.46	13.50	13.62	13.62	0	+ 12
51	KUSHIYARA	SHERPUR	9.68	9.00	8.89	8.82	-7	
52	SARIGOWAIN	SARIGHAT	14.48	12.80	11.32	11.12	-20	
53	MANU	MANU RLY BR.	20.42	18.00	13.90	14.50	+ 60	
54	MANU	MOULVI BAZAR	13.25	11.75	9.13	9.08	-5	
55	KHOWAI	BALLAH	26.12	21.64	19.95	19.98	+ 3	
56	KHOWAI	HABIGANJ	11.93	9.50	7.30	7.49	+ 19	
57	DHALAI	KAMALGANJ	21.18	19.82	17.10	17.27	+ 17	
58	BHUGAI	NAKUGAON	26.01	22.40	20.77	20.67	-10	
59	JADUKATA	LORERGARH	11.85	8.53	7.00	6.95	-5	
60	SOMESWARI	DURGAPUR	15.20	13.00	11.67	11.63	-4	
61	KANGSHA	JARIAJANJAIL	13.37	9.75	9.89	9.72	- 17	-
62	MEGHNA	BHAIRAB BAZAR	7.66	6.25	6.51	6.51	0	+ 26
63	GUMTI	COMILLA	13.56	11.75	7.60	7.55	-5	
64	GUMTI	DEBIDDAR	-	-	5.81	5.78	-3	-
65	MEGHNA	*CHANDPUR L.W.L.	4.92	4.00	4.14**	4.11**	-3	+ 11
		*CHANDPUR H.W.L.	5.35	-	4.37***	4.36***	-1	-

SOUTH EASTERN HILL BASIN

66	MUHURI	PARSHURAM	16.33	13.00	10.10	10.15	+ 5	
67	HALDA	NARAYAN HAT	18.05	15.25	12.66	12.57	-9	
68	HALDA	PANCHPUKURIA	11.55	9.50	4.73	4.23	-50	
69	SANGU	BANDARBAN	20.38	15.25	7.00	7.65	+ 65	
70	SANGU	DOHAZARI	9.05	7.00	2.60	2.85	+ 25	
71	MATAMUHURI	LAMA	15.46	12.25	7.67	7.66	-1	
72	MATAMUHURI	CHIRINGA	7.03	5.75	3.50	3.56	+ 6	
73	FENI	RAMGARH	21.42	17.37	12.48	12.45	-3	

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

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BWDB, DHAKA.

RAINFALL SITUATION AS ON 09-09-2008 (IN MM)

SL NO	STATION	MAXIMUM FOR SEPTEMBER	NORMAL FOR SEPTEMBER	RAINFALL FOR 2008			TOTAL UPTODATE (UPTO 09-09-2008)
				07-09	08-09	09-09	
BRAHMAPUTRA BASIN							
1	KURIGRAM	746.4	408.5	11.0	0.0	0.2	165.2
2	DALIA	919.7	412.6	0.0	0.0	0.0	223.0
3	KAUNIA	1126.9	406.2	45.0	0.0	0.0	150.0
4	RANGPUR	876.0	407.3	19.4	0.0	0.0	167.1
5	CHILMARI	728.8	373.2	65.3	0.0	0.0	264.3
6	DEWANGANJ	742.1	347.0	40.0	0.0	10.0	95.0
7	GAIBANDHA	753.9	248.0	44.0	0.0	0.0	126.0
8	SERAJGANJ	736.0	280.0	5.2	0.0	0.0	26.5
9	BOGRA	762.6	315.6	25.7	0.0	0.0	38.6
10	JAMALPUR	844.6	368.7	60.0	0.0	2.5	88.0
11	MYMENSINGH	1257.0	416.5	5.7	0.0	0.5	46.7
12	DHAKA	712.0	296.7	0.0	26.4	0.0	76.7
13	TANGAIL	732.0	313.9	3.5	0.0	1.2	60.5
GANGES BASIN							
14	PANCHAGARH	1100.9	445.2	0.0	0.0	15.0	157.0
15	DINAJPUR	1292.9	383.3	0.0	0.0	0.0	58.3
16	PABNA	-	222.0	13.0	0.0	13.0	26.0
17	NAOGAON	616.3	273.2	22.0	0.0	0.0	36.0
18	MOHADEBPUR	808.0	287.0	92.2	0.0	0.0	96.6
19	KUSHTIA	632.2	249.7	23.5	0.0	14.9	38.4
20	RAJSHAHI	650.8	271.0	0.0	0.0	4.0	9.0
21	ROHANPUR	625.0	243.5	10.0	10.0	-	20.5
22	C.NAWABGANJ	-	-	18.6	0.0	10.5	41.1
23	JESSORE	694.0	265.1	18.4	0.0	0.0	22.0
24	KHULNA	667.0	239.0	0.0	0.0	0.0	0.0
25	SATKHIRA	808.5	314.9	0.0	6.0	0.0	45.0
26	FARIDPUR	731.1	267.0	0.0	44.5	3.8	48.3
27	MADARIPUR	-	-	0.0	0.0	0.0	12.2
28	BARISAL	600.2	313.0	0.0	0.0	11.5	16.0
29	PATUAKHALI	886.3	340.6	0.0	0.0	1.0	78.2
30	BARGUNA	-	-	39.2	-	0.0	113.6
MEGHNA BASIN							
31	KANAIGHAT	1032.0	637.8	0.0	4.0	8.0	137.0
32	SYLHET	1220.3	575.2	0.0	0.0	6.0	125.0
33	SUNAMGANJ	1130.3	845.3	0.0	0.0	10.0	285.0
34	SHEOLA	1232.0	551.3	0.0	26.0	43.0	157.0
35	MOULVI BAZAR	486.6	280.7	0.0	0.0	0.0	143.0
36	MANU RLY BR	640.0	352.9	0.0	16.0	1.0	210.0
37	HABIGANJ	497.8	301.0	0.0	73.7	0.0	154.2
38	SHERPUR	-	-	0.0	0.0	15.0	30.5
39	DURGAPUR	1525.2	594.8	0.0	0.0	29.0	122.9
40	LOREGARH	-	-	0.0	0.0	0.0	497.0
41	NAKUAGAON	-	-	0.5	0.0	35.0	210.5
42	JARIAJANJAIL	-	-	0.0	0.0	0.0	39.9
43	<u>BHAIRAB BAZAR</u>	634.8	293.9	0.0	2.0	<u>67.5</u>	92.5
44	COMILLA	482.6	267.1	0.0	0.0	0.0	0.0
45	CHANDPUR	602.0	241.3	0.0	5.0	23.0	51.0

cont/2

SL NO	STATION	MAXIMUM FOR SEPTEMBER	NORMAL FOR SEPTEMBER	RAINFALL FOR 2008			TOTAL UPTODATE (UPTO 09-09-2008)
				07-09	08-09	09-09	
SOUTH EASTERN HILL BASIN							
46	PARSHURAM	510.7	238.5	0.0	0.0	0.0	28.8
47	NARAYANHAT	1100.9	445.2	0.0	0.0	0.0	9.0
48	NOAKHALI	733.4	428.4	0.0	2.0	9.5	46.0
49	PANCHPUKURIA	493.5	236.0	0.0	5.0	0.0	95.0
50	BANDARBAN	574.2	281.0	3.0	10.5	2.5	42.4
51	RANGAMATI	436.8	269.6	43.0	4.0	49.0	101.5
52	LAMA	662.2	319.7	2.6	5.0	17.0	102.2
53	CHITTAGONG	638.8	289.0	0.0	0.0	0.0	59.0
54	RAMGARH	472.3	260.0	0.0	0.0	0.0	40.0
55	COX'S BAZAR	924.1	340.9	-	3.0	-	56.0
56	TEKNAF	-	-	-	0.0	-	1.0

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 09-09-2008

		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]		09-09	10-09	10-09	10-09	11-09	11-09	11-09	12-09	12-09	12-09	
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	16.05	15.98	-7	-261	15.88	-10	-271	15.78	-10	-281
Atrai	Atrai	13.72	-	11.10	-	-265	11.13	+ 3	-262	11.14	+ 1	-261
Jamuna	Naogaon	15.24	13.95	13.98	+ 3	-126	14.02	+ 4	-122	14.04	+ 2	-120
Karatoya	Chakrahimpur	20.15	20.30	20.24	-6	+ 9	20.12	-12	-3	19.98	-14	-17
Karatoya	Bogra	16.32	13.64	13.72	+ 8	-260	13.81	+ 9	-251	13.87	+ 6	-245
Teesta	Kaunia	30.00	28.37	28.17	-20	-183	27.93	-24	-207	27.74	-19	-226
Brahmaputra	Chilmari	24.00	23.65	23.51	-14	-49	23.33	-18	-67	23.19	-14	-81
Jamuna	Bahadurabad	19.50	19.48	19.26	-22	-24	19.08	-18	-42	18.96	-12	-54
Jamuna	Kazipur	16.46	15.57	15.38	-19	-108	15.21	-17	-125	15.09	-12	-137
Jamuna	Serajganj	13.75	14.18	14.02	-16	+ 27	13.87	-15	-12	13.73	-14	+02
Jamuna	Porabari	12.27	12.24	12.04	-20	-23	11.88	-16	-39	11.76	-12	-51
Jamuna	Aricha	9.40	9.65	9.47	-18	+ 7	9.32	-15	-8	9.19	-13	-21
Old Brahmaputra	Jamalpur	17.00	16.86	16.67	-19	-33	16.48	-19	-52	16.32	-16	-68
Old Brahmaputra	Mymensingh	12.50	11.84	11.80	-4	-70	11.71	-9	-79	11.60	-11	-90
Bangshi	Nayerhat	7.32	6.80	6.84	+ 4	-47	6.87	+ 3	-45	6.88	+ 1	-43
Old Dhalesari	Jagir	8.23	8.80	8.82	+ 2	+ 59	8.81	-1	+ 58	8.78	-3	+ 55
Dhaleswari	Kalagachia	4.88	5.37	5.34	-3	+ 46	5.29	-5	+ 41	-	-	-
Kaliganga	Taraghat	8.38	9.29	9.29	0	+ 91	9.27	-2	+ 89	9.21	-6	+ 83
Tongi Khal	Tongi	6.08	6.18	6.20	+ 2	+ 12	6.21	+ 1	+ 13	6.23	+ 2	+ 15
Turag	Mirpur	5.94	6.10	6.12	+ 2	+ 18	6.13	+ 1	+ 19	6.14	+ 1	+ 20
Buriganga	Dhaka (Mill Barrack)	6.00	5.72	5.73	+ 1	-27	5.72	-1	-28	5.71	-1	-29
Buriganga	Dhaka (Hariharpara)	5.79	-	5.77	-	-2	5.77	0	-2	5.75	-2	-4
Balu	Demra	5.75	5.87	5.89	+ 2	+ 14	5.90	+ 1	+ 15	5.90	0	+ 15
Lakhya	Narayanganj	5.50	5.90	5.93	+ 3	+ 43	5.95	+ 2	+ 45	5.96	+ 1	+ 46
Padma	Rajshahi	18.50	17.22	17.05	-17	-145	16.91	-14	-159	16.80	-11	-170
Padma	Hardinge Br	14.25	13.45	13.30	-15	-95	13.17	-13	-108	13.07	-10	-118
Padma	Talbaria	12.80	12.55	12.38	-17	-42	12.24	-14	-56	12.13	-11	-67
Padma	Goalondo	8.50	9.30	9.15	-15	+ 65	9.02	-13	+ 52	8.90	-12	+ 40
Padma	Bhagyakul	6.00	6.90	6.76	-14	+ 76	6.64	-12	+ 64	6.54	-10	+ 54
Padma	Mawa	6.00	6.37	6.23	-14	+ 23	6.11	-12	+ 11	6.00	-11	0
Gorai	Gorai Rly Bridge	12.75	11.82	11.71	-11	-104	11.62	-9	-113	11.57	-5	-118
Gorai	Kamarkhali	8.20	7.86	7.75	-11	-45	7.63	-12	-57	7.57	-6	-63
Surma	Sylhet	11.25	10.92	10.84	-8	-41	10.77	-7	-48	10.71	-6	-54
Surma	Sunamganj	8.25	8.25	8.19	-6	-6	8.14	-5	-11	8.09	-5	-16
Kushiyara	Sheola	13.50	13.62	13.60	-2	+ 10	13.57	-3	+ 7	13.55	-2	+ 5
Meghna	Bhairab Bazar	6.25	6.51	6.52	+ 1	+ 27	6.51	-1	+ 26	6.51	0	+ 26
Meghna	Baider Bazar	5.18	5.37	5.34	-3	+ 16	5.29	-5	+ 11	5.26	-3	+ 8
Meghna	Meghna Bridge	5.03	5.19	5.14	-5	+ 11	5.08	-6	+ 5	5.03	-5	0

- 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.