



### Government of the Peoples' Republic of Bangladesh Bangladesh Meteorological Department (Meteorological Headquarter) <u>Meteorological Complex, Agargaon, Dhaka-1207.</u>

## Agm-3 (2)/2011/ 06

# Forecast for the period: 08.02.2011 to 14.02.2011

#### Extended outlook for rainfall Rainfall Departure as a percentage of Normal 01-02-2011 to 07-02-2011) Rainfall forecast 15-02-2011 to 21-02-2011) (08-02-2011 to 14-02-2011) 22 3 125 ŝ 8 millimeters 24 53 3 23 ß 2 ≘ 22 ŝ

# <u>Highlights:</u>

Free water loss during 01.02.2011 to 07.02.2011 was averaged 3.02 mm per day. Sunshine hour during 01.02.2011 to 07.02.2011 was averaged to 7.70 hours per day. *Weather forecast and Advisory for the period of 08.02.2011 to 14.02.2011*.

Free water loss during this week of February 2011 is expected to be between 3.0 to 4.0 mm per day. Bright sunshine hour during this week of February 2011 is expected to be between 7.25 to 8.25 hrs per day.

- Seasonal low lies over South Bay.
- Weather is likely to remain mainly dry with temporary partly cloudy sky over the country with a chance of light rain/drizzle at one or two places over Sylhet division during this period.
- Light to moderate fog may occur over the country during midnight till morning.
- Supplementary irrigation may necessary for Boro crops over the country during this period.
- Weather of this week may favourable for applying fertilizer and aerial spray.
- Slight rise in night and day temperature are expected over the country during this period.

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## Short Weather Description, Period: 01.02.2011 to 07.02.2011

Weather was mainly dry over the country during the period.

Highest maximum temperature was recorded in Dhaka Division 25.7-29.3°C, Chittagong Division 26.6-31.4°C, Sylhet Division 26.6-30.8°C, Rajshahi Division 25.7-29.0°C, Rangpur Division 25.0-28.2°C, Khulna Division 26.0-30.0°C and Barisal Division 27.1-30.5°C.

Extreme maximum temperature was recorded at Dhaka in Dhaka Division  $29.3^{\circ}$ C, at Sitakunda in Chittagong Division  $31.4^{\circ}$ C, at Sylhet in Sylhet Division  $30.8^{\circ}$ C, at Bogra in Rajshahi Division  $29.0^{\circ}$ C, at Dinajpur in Rangpur Division  $28.2^{\circ}$ C, Khulna in Khulna Division  $30.0^{\circ}$ C and at Patuakhali in Barisal Division  $30.5^{\circ}$ C<sup>-</sup>

Lowest minimum temperature was recorded in Dhaka Division 10.4-16.8°C, Chittagong Division 10.9-16.5°C, Sylhet Division 9.6-15.4°C, Rajshahi Division 9.0-14.0 °C, Rangpur Divison 9.8-13.1°C, Khulna Division 9.1-15.4°C and Barisal Division 11.0-16.4°C

Extreme minimum temperature was recorded at Tangail in Dhaka Division  $10.4^{\circ}$ C, at Sitakunda in Chittagong Division  $10.9^{\circ}$ C, at Srimongal in Sylhet Division  $9.6^{\circ}$ C, at Rajshahi in Rajshahi Division  $9.0^{\circ}$ C, at Dinajpur in Rangpur division  $9.8^{\circ}$ C, Chuadanga in Khulna Division  $9.1^{\circ}$ C and at Barisal in Barisal Division  $11.0^{\circ}$ C.

# <u>Rainfall analysis and average temperature: -</u>

Name of the	Name of the	Total	Normal	Deviation	Total	Average	Average	Average	Average	Average	Average
Divisions	Stations	Rainfall in	Rainfall in	in %	Rainy	Max	Min	Max. temp	Normal	Min. temp	
		(mm)	(mm)		days	Humidity in %	Humidity in %	in °C	Max. temp in °C	in ° C	Min. temp in °C
										45.4	
Dhaka	Dhaka	0	4	-100	0	87	28		26.6		14.7
	Mymensingh	0	4	-100	0	97	42	27.3	25.7	14.2	13.7
	Faridpur	0	7	-100	0	97	28	27.8			13.7
	Madaripur	0	5	-100	0	**	**	**	26.9		14.1
	Tangail	0	6	-100	0	96	37	27.9	26.3		13.4
Chittagong	Chittagong	0	3	-100	0	79	66	29.7	27.0		
	Sitakunda	0	4	-100	0	97	28	31.0	27.6		13.9
	Rangamati	0	3	-100	0	**	**	**	27.3	**	14.6
	Cox'sBazar	0	3	-100	0	**	**	**	27.9	**	16.6
	Teknaf	0	3	-100	0	**	**	**	28.2	**	16.4
	Hatiya	0	6	-100	0	**	**	**	26.3	**	15.9
	Sandwip	0	4	-100	0	99	31	29.4	26.3	13.1	15.8
	Kutubdia	0	5	-100	0	96	35	27.3	26.3	15.2	16.3
	Feni	0	10	-100	0	97	62	29.1	26.9	14.1	14.5
	M.Court	0	6	-100	0	98	27	28.4	26.5	14.9	15.2
	Chandpur	0	3	-100	0	97	40	28.5	26.1	15	14.8
	Comilla	0	7	-100	0	97	33	28.2	26.4	13.8	14.4
Sylhet	Sylhet	0	18	-100	0	86	32	29.1	26.3	14.5	13.7
	Srimongal	0	7	-100	0	97	26	28.3	26.7	10.5	11.8
Rajshahi	Rajshahi	0	3	-100	0	97	30	27.4	25.8	11.1	11.9
	Bogra	0	3	-100	0	95	33	28	26.0	13.5	13.1
	Ishurdi	0	4	-100	0	97	28	27.2	25.6	11.4	12.0
Rangpur	Rangpur	0	3	-100	0	95	40	26.4	24.5	12.6	11.9
	Dinajpur	0	2	-100	0	97	31	27.4	24.9	12.0	11.5
Khulna	Khulna	0	7	-100	0	98	35	28	26.9	14.3	14.1
	Jessore	0	7	-100	0	**	**	**	26.8	**	13.2
	Chuadanga	0	7	-100	0	97	31	27.6	26.6	11.2	12.8
	Satkhira	0	9				31			13.7	14.3
Barisal	Barisal	0	7	-100	0	99	33	28.6	26.8	13	13.8
	Bhola	0	5		0	**	**		27.0		14.6
	Patuakhali	0	6			100	39	29.1	27.0		
	Khepupara	0	3								

N.B. Analyses contained in this bulletin are based on preliminary un-checked data.

\*\* Data not received. \*\*\* Data not available.

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