



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 21 March 2023

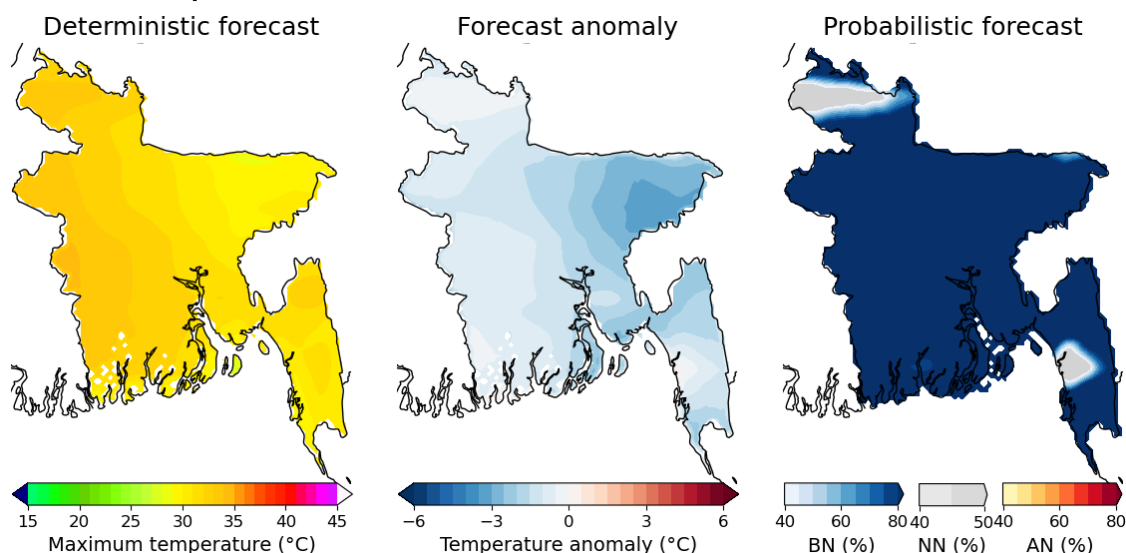
Subject: Experimental Seasonal to Sub-seasonal (S2S) forecast for Bangladesh during 21.03.2023 to 17.04.2023

1. Weather Forecast for week 1 (Period: 21.03.2023 to 27.03.2023)

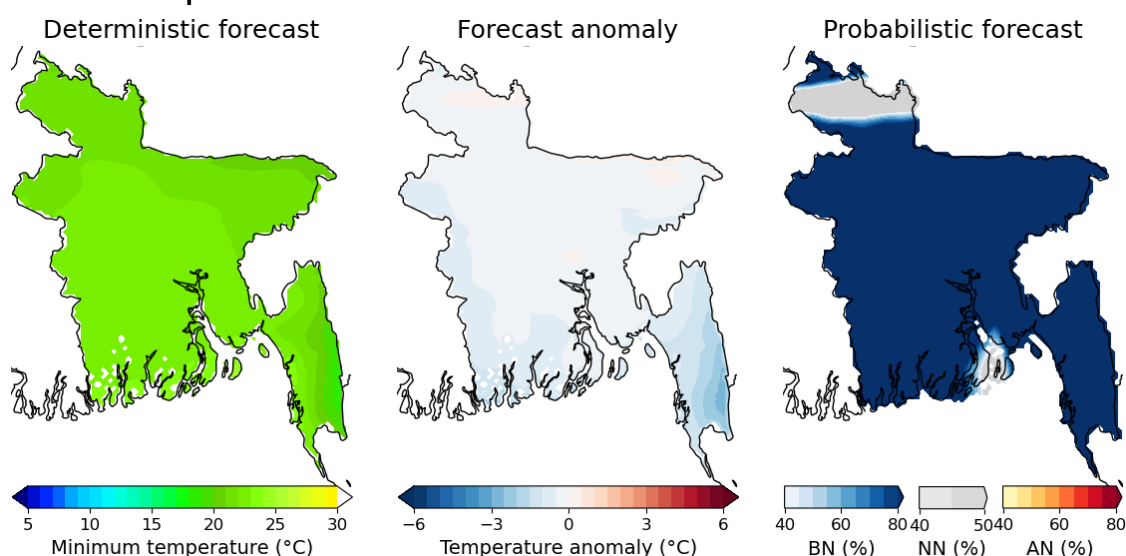
1.1 Significant Information

- Add here the text for significant information.

1.2 Maximum Temperature

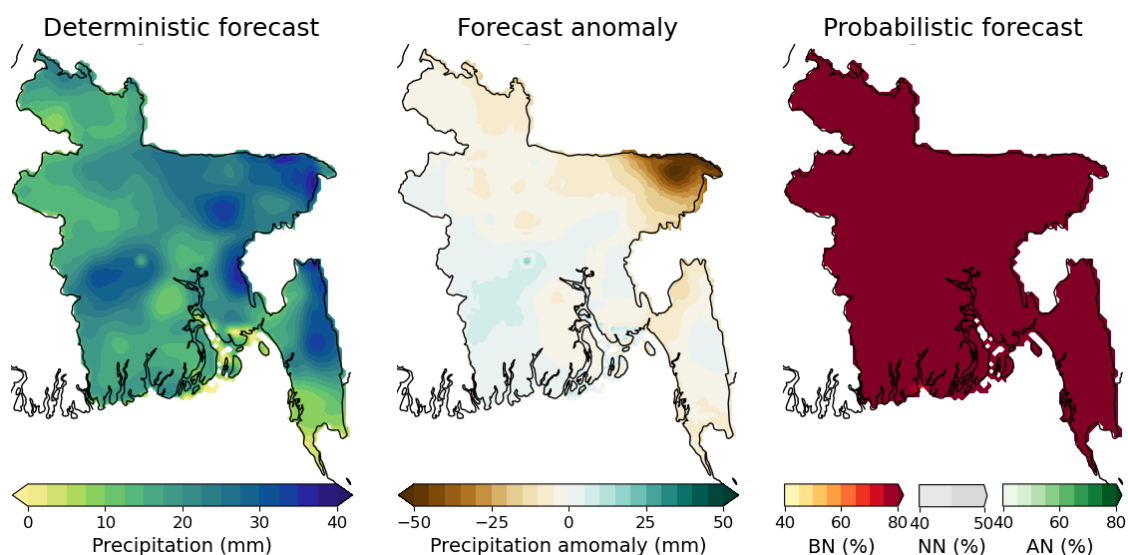


1.3 Minimum Temperature



1.4 Rainfall

Jointly prepared by BMD, DAE, Weather Impact-Netherlands, Wageningen Environmental Research and Digital Innovation for Impact (Dii-Dhaka) under BWCSR (Component-C), supported by World Bank



1.5 Forecast information at District level

Division	District	Average Max Temp (°C)	Average Min Temp (°C)	Total Rainfall (mm)	Division	District	Average Max Temp (°C)	Average Min Temp (°C)	Total Rainfall (mm)
Dhaka	Dhaka	31.9	22.6	16.8	Chittagong	Bandarban	30.3	19.7	13.5
	Faridpur	32.8	22.3	25.9		Brahmanbaria	30.3	22.0	26.4
	Gazipur	31.2	22.4	19.0		Chandpur	31.8	22.6	20.5
	Gopalganj	32.7	22.2	17.8		Chittagong	30.6	22.1	16.9
	Kishoreganj	30.1	22.0	31.0		Comilla	31.0	22.1	27.6
	Madaripur	32.4	22.3	11.9		Cox's Bazar	29.7	22.6	6.8
	Manikganj	32.5	22.4	22.6		Feni	30.5	21.7	15.5
	Munshiganj	31.8	22.6	16.6		Khagrachhari	31.9	21.9	19.1
	Narayanganj	31.3	22.6	15.2		Lakshmipur	31.4	22.6	17.8
	Narsingdi	30.7	22.3	20.3		Noakhali	29.0	21.9	14.1
	Rajbari	33.1	22.3	25.6		Rangamati	30.9	20.2	29.0
	Shariatpur	32.0	22.4	15.7	Khulna	Bagerhat	31.7	22.3	17.0
Rajshahi	Bogra	32.2	22.2	20.3		Chuadanga	34.0	22.1	18.7
	Joypurhat	32.6	22.0	18.8		Jessore	33.5	22.2	24.5
	Naogaon	33.1	21.9	15.5		Jhenaidah	33.7	22.2	26.7
	Natore	32.9	22.1	14.6		Khulna	30.2	20.9	17.2
	Nawabganj	33.0	21.6	14.0		Kushtia	33.7	22.1	16.8
	Pabna	33.0	22.2	17.3		Magura	33.3	22.3	29.7
	Rajshahi	33.0	21.7	13.2		Meherpur	33.9	22.1	15.8
	Sirajganj	32.2	22.2	16.7		Narail	33.1	22.3	24.9
Rangpur	Dinajpur	32.6	21.3	13.1		Satkhira	30.6	21.2	17.9
	Gaibandha	31.9	21.6	18.4	Barisal	Barguna	26.5	19.2	18.1
	Kurigram	31.3	20.8	16.2		Barisal	31.3	21.7	15.3
	Lalmonirhat	31.9	21.1	16.0		Bhola	27.3	20.9	14.8
	Nilphamari	33.0	21.6	18.4		Jhalokati	32.4	22.4	15.7
	Panchagarh	30.6	20.0	21.0		Patuakhali	27.9	20.7	15.5
	Rangpur	32.4	21.4	15.4		Pirojpur	32.7	22.4	16.2
	Thakurgaon	32.7	21.2	16.0		Habiganj	29.9	21.8	23.7
					Sylhet	Maulvibazar	29.3	21.0	25.3
Mymensingh	Jamalpur	31.6	21.9	21.5		Sunamganj	29.3	21.0	27.0
	Mymensingh	30.7	21.8	25.8					
	Netrakona	29.9	21.4	25.0		Sylhet	29.1	20.6	30.0
	Sherpur	30.6	21.2	25.0					

1.6 Guidance

- Add here the text for guidance.

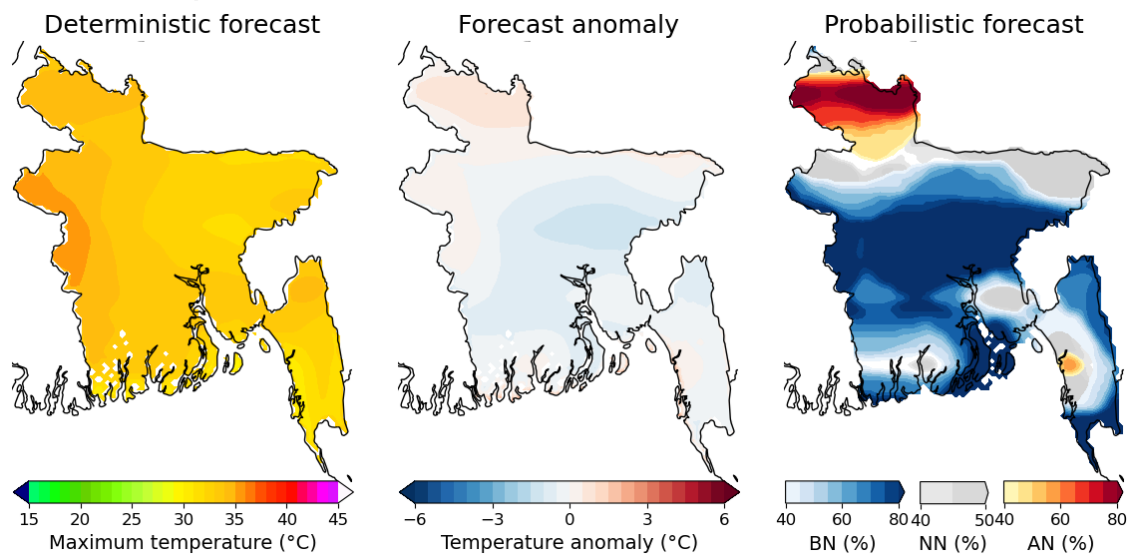
2. Weather Forecast for week 2 (Period: 28.03.2023 to 03.04.2023)

Jointly prepared by BMD, DAE, Weather Impact-Netherlands, Wageningen Environmental Research and Digital Innovation for Impact (Dii-Dhaka) under BWCSRP (Component-C), supported by World Bank

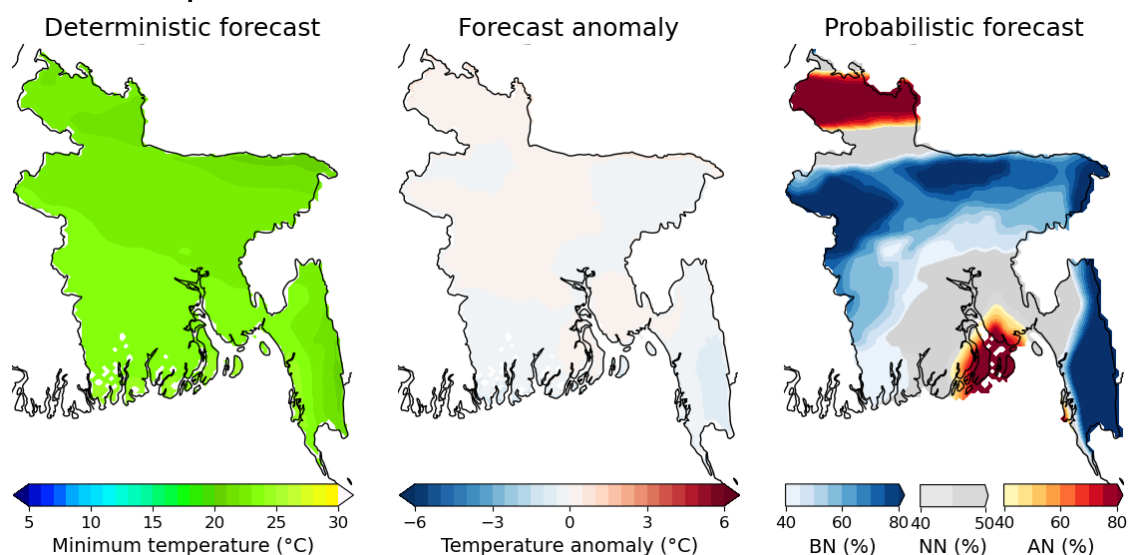
2.1 Significant Information

- Add here the text for significant information.

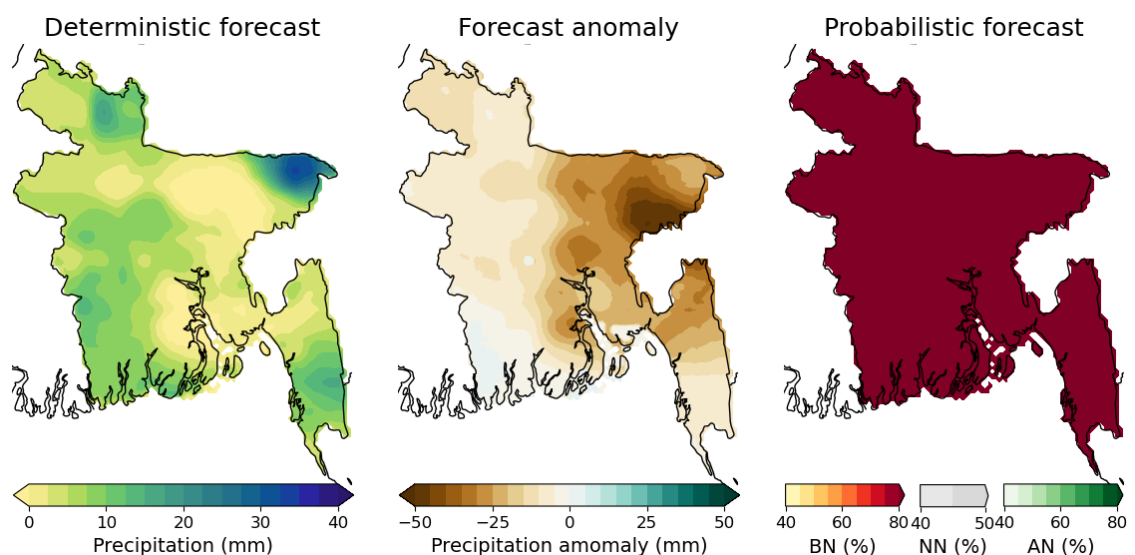
2.2 Maximum Temperature



2.3 Minimum Temperature



2.4 Rainfall



2.5 Forecast information at District level

Division	District	Average Max Temp (°C)	Average Min Temp (°C)	Total Rainfall (mm)	Division	District	Average Max Temp (°C)	Average Min Temp (°C)	Total Rainfall (mm)
Dhaka	Dhaka	32.9	23.0	6.0	Chittagong	Bandarban	31.3	21.4	11.2
	Faridpur	33.4	23.1	6.1		Brahmanbaria	32.1	22.6	0
	Gazipur	32.3	22.8	3.9		Chandpur	33.4	23.1	2.7
	Gopalganj	33.5	23.1	5.1		Chittagong	31.8	23.3	5.4
	Kishoreganj	32.1	22.6	0		Comilla	32.7	22.8	2.7
	Madaripur	33.3	23.0	0		Cox's Bazar	31.0	23.8	7.8
	Manikganj	33.1	23.0	6.1		Feni	32.4	22.5	0
	Munshiganj	33.0	23.0	4.1		Khagrachhari	33.8	23.0	2.6
	Narayanganj	32.7	23.0	3.5		Lakshmipur	33.2	23.3	0
	Narsingdi	32.1	22.8	2.1		Noakhali	31.0	22.6	0
	Rajbari	33.7	23.1	7.7		Rangamati	32.4	21.7	5.6
	Shariatpur	33.3	23.0	0	Khulna	Bagerhat	32.8	23.2	7.9
Rajshahi	Bogra	33.9	22.7	0		Chuadanga	35.3	23.2	5.3
	Joypurhat	34.1	22.5	3.8		Jessore	34.3	23.2	10.9
	Naogaon	34.5	22.7	4.1		Jhenaidah	34.7	23.2	8.9
	Natore	34.5	22.9	7.3		Khulna	31.1	21.7	8.9
	Nawabganj	34.6	22.5	4.7		Kushtia	35.0	23.1	7.9
	Pabna	33.9	23.0	8.6		Magura	34.1	23.2	9.1
	Rajshahi	34.7	22.7	6.1		Meherpur	35.5	23.2	4.5
	Sirajganj	33.3	22.8	6.5		Narail	33.8	23.2	8.6
Rangpur	Dinajpur	33.9	21.9	4.4		Satkhira	31.4	22.2	9.3
	Gaibandha	33.7	22.1	6.9	Barisal	Barguna	27.6	19.9	8.5
	Kurigram	33.0	21.3	9.9		Barisal	32.5	22.6	0
	Lalmonirhat	33.4	21.6	9.9		Bhola	28.9	21.9	2.3
	Nilphamari	34.6	22.1	5.0		Jhalokati	33.6	23.3	0
	Panchagarh	31.9	20.7	5.0		Patuakhali	29.2	21.4	5.7
	Rangpur	34.1	22.0	12.2		Pirojpur	33.8	23.3	4.4
Mymensingh	Thakurgaon	33.9	21.8	3.5	Sylhet	Habiganj	32.6	22.6	0
	Jamalpur	33.4	22.4	4.0		Maulvibazar	32.0	21.7	8.1
	Mymensingh	32.5	22.4	0		Sunamganj	32.1	21.4	8.0
	Netrakona	32.2	22.0	0		Sylhet	31.9	20.9	25.8
	Sherpur	32.4	21.7	4.0					

2.6 Guidance

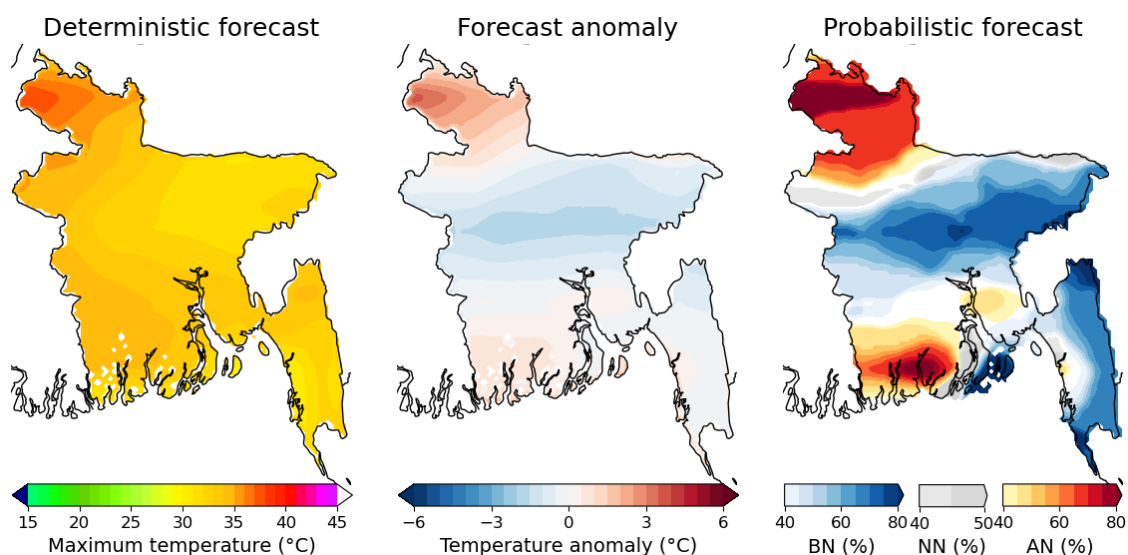
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 04.04.2023 to 17.04.2023)

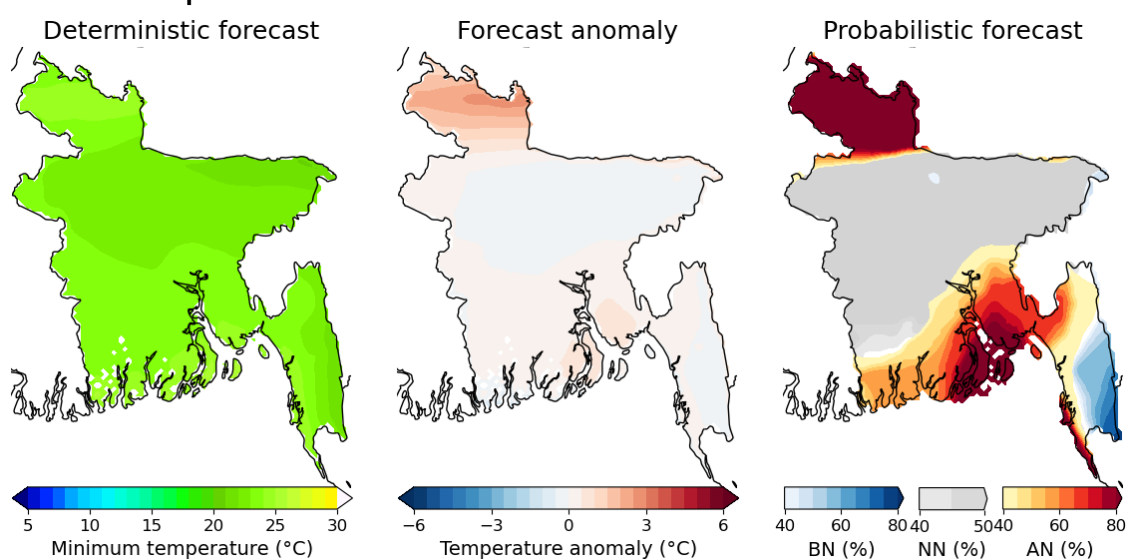
3.1 Significant Information

- Add here the text for significant information.

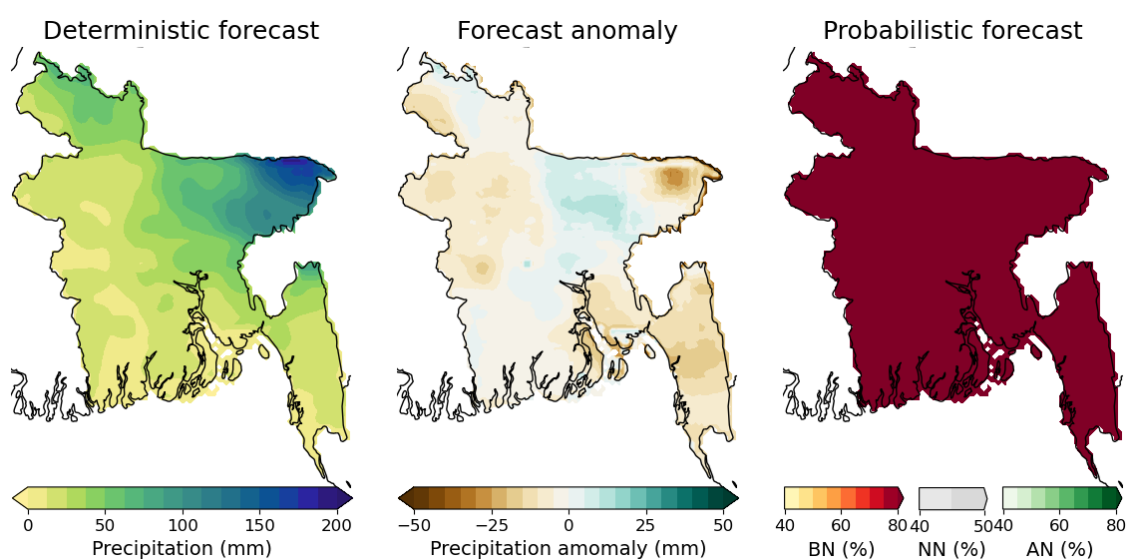
3.2 Maximum Temperature



3.3 Minimum Temperature



3.4 Rainfall



3.5 Forecast information at District level

Division	District	Average Max	Average Min	Total	Division	District	Average Max	Average Min	Total
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		Temp (°C)	Temp (°C)	Rainfall (mm)			Temp (°C)	Temp (°C)	Rainfall (mm)
Dhaka	Dhaka	32.6	23.0	35.8	Chittagong	Bandarban	31.4	21.9	13.7
	Faridpur	33.5	23.1	23.3		Brahmanbaria	31.7	22.8	61.1
	Gazipur	31.8	22.8	44.1		Chandpur	33.6	23.6	23.1
	Gopalganj	34.0	23.3	19.0		Chittagong	31.7	23.7	18.4
	Kishoreganj	31.4	22.6	79.8		Comilla	32.7	23.2	38.0
	Madaripur	33.7	23.3	24.5		Cox's Bazar	31.1	24.2	9.0
	Manikganj	32.7	22.9	26.2		Feni	32.3	22.9	27.1
	Munshiganj	33.1	23.3	32.1		Khagrachhari	33.6	23.3	34.3
	Narayanganj	32.6	23.2	41.5		Lakshmipur	33.3	23.9	13.7
	Narsingdi	31.8	22.9	46.7		Noakhali	31.0	23.1	
	Rajbari	33.2	23.0	17.8		Rangamati	32.3	22.0	24.2
	Shariatpur	33.6	23.4	22.3	Khulna	Bagerhat	33.1	23.5	11.4
Rajshahi	Bogra	33.6	22.7	19.3		Chuadanga	34.3	23.2	12.6
	Joypurhat	34.7	22.9	21.7		Jessore	34.6	23.3	13.5
	Naogaon	34.7	22.9	16.7		Jhenaidah	34.1	23.2	13.7
	Natore	33.3	22.9	13.6		Khulna	31.5	22.0	11.9
	Nawabganj	34.1	22.7	13.1		Kushtia	33.6	23.1	11.8
	Pabna	32.6	22.8	16.8		Magura	33.9	23.2	13.7
	Rajshahi	33.7	22.7	14.1		Meherpur	34.2	23.2	9.7
	Sirajganj	32.4	22.7	23.8		Narail	34.3	23.3	10.9
Rangpur	Dinajpur	35.7	23.6	34.0	Barisal	Satkhira	31.9	22.4	15.1
	Gaibandha	34.0	22.9	31.5		Barguna	27.7	20.3	13.7
	Kurigram	33.5	23.3	44.8		Barisal	33.0	23.0	14.5
	Lalmonirhat	34.2	23.7	53.7		Bhola	29.1	22.5	8.2
	Nilphamari	36.0	24.5	54.2		Jhalokati	34.0	23.7	15.0
	Panchagarh	33.0	22.2	53.1		Patuakhali	29.5	21.9	13.8
	Rangpur	35.1	23.9	48.4		Pirojpur	34.3	23.6	13.9
	Thakurgaon	36.4	23.8	27.3	Sylhet	Habiganj	31.8	22.7	103.3
Mymensingh	Jalalpur	32.9	22.5	30.9		Maulvibazar	31.2	21.9	112.6
	Mymensingh	31.7	22.4	61.2		Sunamganj	31.3	21.6	106.5
	Netrakona	31.3	22.0	64.7		Sylhet	31.1	21.2	150.2
	Sherpur	31.9	21.8	45.8					

3.6 Guidance

- Add here the text for guidance.

Forecast legend

Rainfall category	Amounts of rainfall
• Light rain • Moderate rain • Moderately Heavy • Heavy rain • Very heavy rain	1-10 mm/day 11-22 mm/day 23-43 mm/day Heavy rain: 44-88 mm/day Very heavy rain: ≥ 89 mm/day
• AN (%) • NN (%) • BN (%)	Above normal (likelihood in percent) Near normal (likelihood in percent) Below normal (likelihood in percent)