



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH

Dii
Digital Innovation
for Impact

Issue Date: 21 April 2023

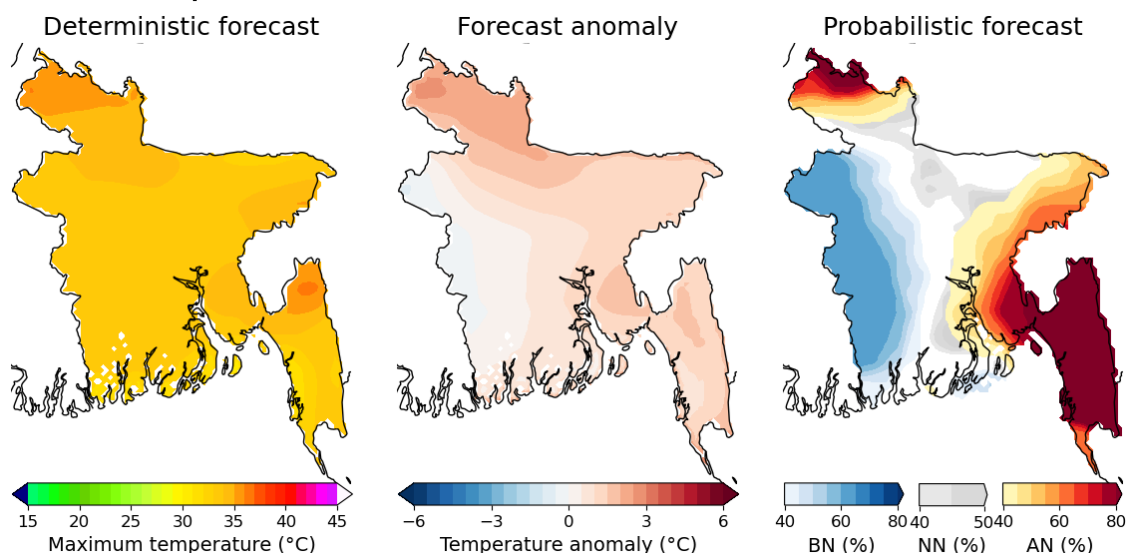
Subject: Experimental Sub-seasonal forecast for Bangladesh during 21.04.2023 to 18.05.2023

1. Weather Forecast for week 1 (Period: 21.04.2023 to 27.04.2023)

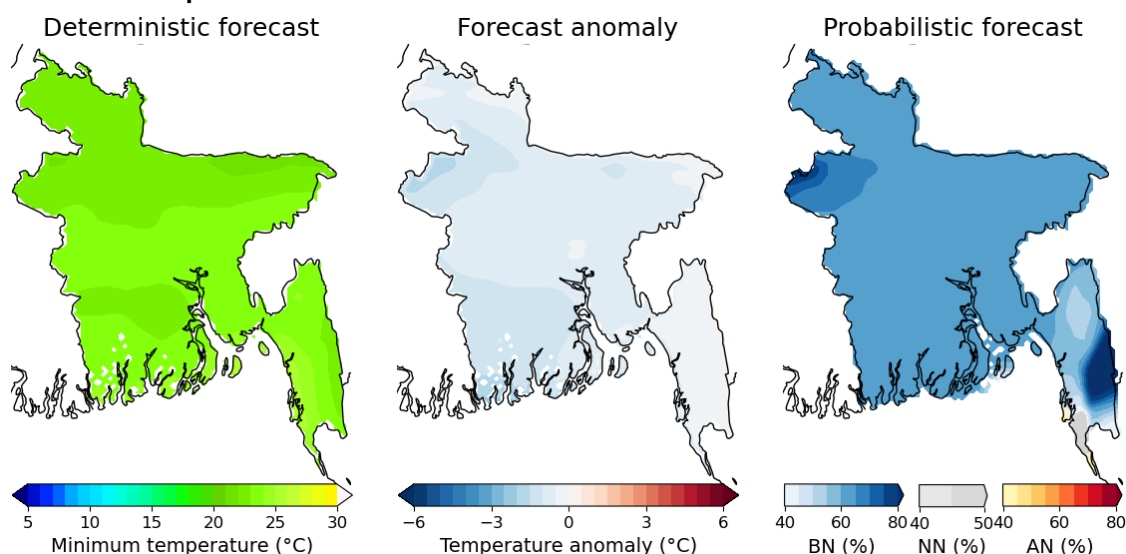
1.1 Significant Information

- Add here the text for significant information.

1.2 Maximum Temperature

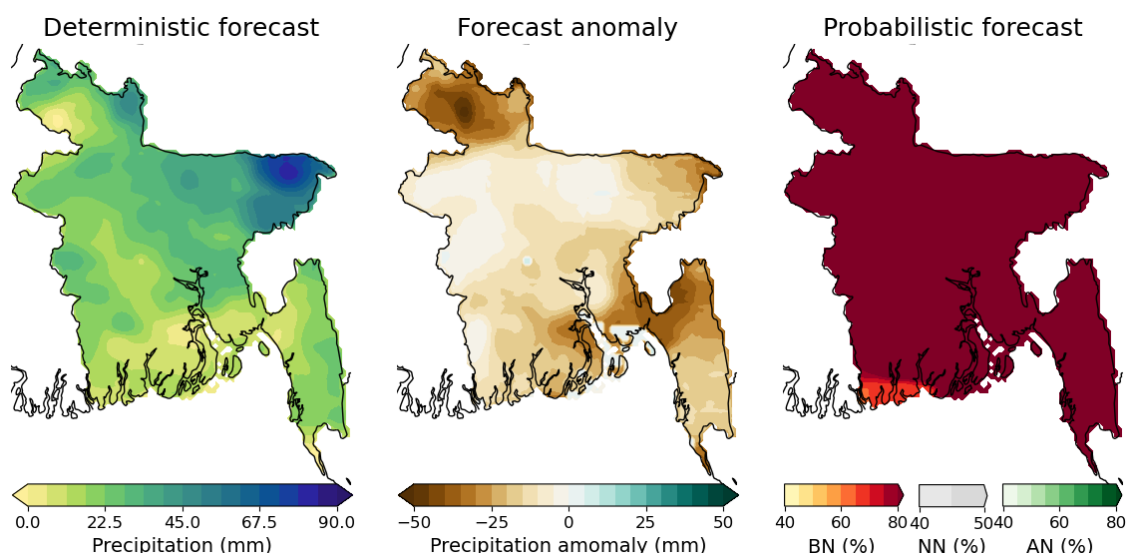


1.3 Minimum Temperature



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	33.5	23.3	26.6	Chittagong	Bandarban	32.5	22.9	20.6
	Faridpur	33.4	23.1	14.4		Brahamanbaria	33.8	23.1	27.7
	Gazipur	33.5	23.3	28.3		Chandpur	34.1	23.3	27.6
	Gopalganj	33.5	22.8	14.7		Chittagong	32.8	24.1	12.7
	Kishoreganj	33.8	23.0	33.4		Comilla	33.9	23.0	26.7
	Madaripur	33.6	22.8	20.6		Cox's Bazar	32.3	24.7	15.0
	Manikganj	33.3	23.1	21.5		Feni	33.4	22.8	11.5
	Munshiganj	33.6	23.3	25.8		Khagrachhari	35.3	23.8	13.8
	Narayanganj	33.6	23.4	29.2		Lakshmipur	33.8	23.5	12.6
	Narsingdi	33.6	23.3	25.5		Noakhali	31.8	22.9	10.7
	Rajbari	33.3	23.2	15.5		Rangamati	33.6	22.8	21.0
	Shariatpur	33.7	23.0	23.2	Khulna	Bagerhat	32.6	23.1	12.3
Rajshahi	Bogra	34.1	22.7	27.4		Chuadanga	33.6	23.1	27.7
	Joypurhat	34.3	22.3	28.0		Jessore	33.5	23.0	21.4
	Naogaon	33.7	22.3	21.6		Jhenaidah	33.5	23.1	22.2
	Natore	33.5	23.0	19.4		Khulna	30.8	21.6	14.6
	Nawabganj	32.8	22.0	20.6		Kushtia	33.5	23.2	19.5
	Pabna	33.3	23.1	17.8		Magura	33.4	23.1	16.1
	Rajshahi	33.1	22.6	21.7		Meherpur	33.7	23.1	26.8
	Sirajganj	33.5	22.9	24.9		Narail	33.5	22.9	17.8
Rangpur	Dinajpur	34.5	22.1	9.5		Satkhira	31.1	22.0	15.6
	Gaibandha	34.4	22.3	27.2	Barisal	Barguna	27.5	19.9	11.0
	Kurigram	33.7	22.1	41.1		Barisal	32.7	22.4	7.9
	Lalmonirhat	34.2	22.2	31.2		Bhola	30.3	22.1	8.8
	Nilphamari	35.4	22.7	18.9		Jhalokati	33.5	23.1	5.7
	Panchagarh	33.3	21.2	30.0		Patuakhali	29.4	21.5	10.1
	Rangpur	34.7	22.4	20.1		Pirojpur	33.5	23.1	8.4
	Thakurgaon	35.1	22.3	26.3	Sylhet	Habiganj	34.3	23.1	48.5
Mymen-singh	Jamalpur	34.2	22.6	29.7		Maulvibazar	33.5	22.5	51.4
	Mymen-singh	33.8	22.7	35.8		Sunamganj	33.2	21.9	51.2
	Netrakona	33.5	22.3	36.0		Sylhet	33.0	21.9	68.0
	Sherpur	33.5	22.1	32.5					

1.6 Guidance

- Add here the text for guidance.

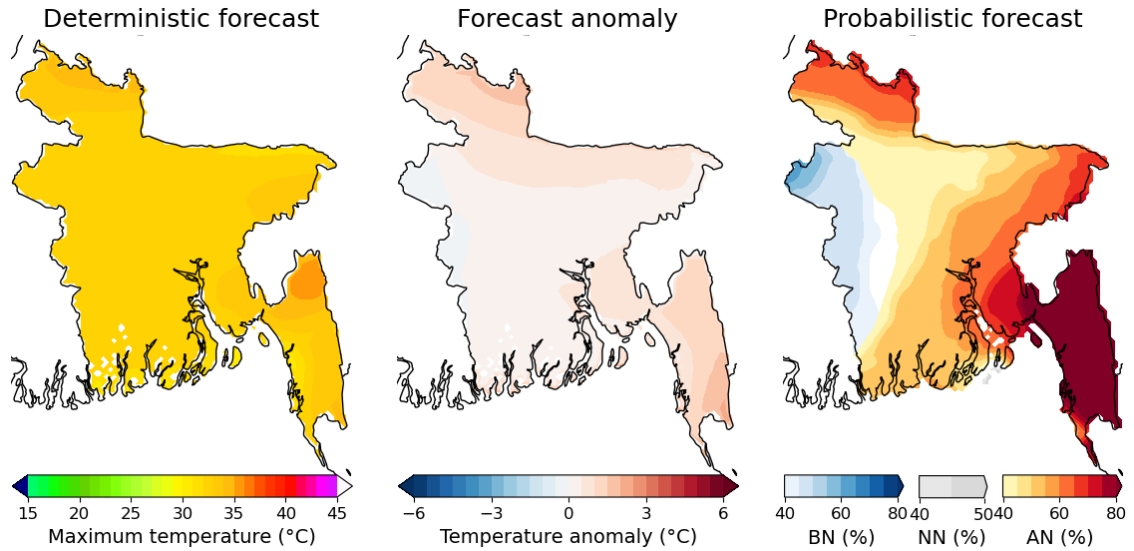
2. Weather Forecast for week 2 (Period: 28.04.2023 to 04.05.2023)

2.1 Significant Information

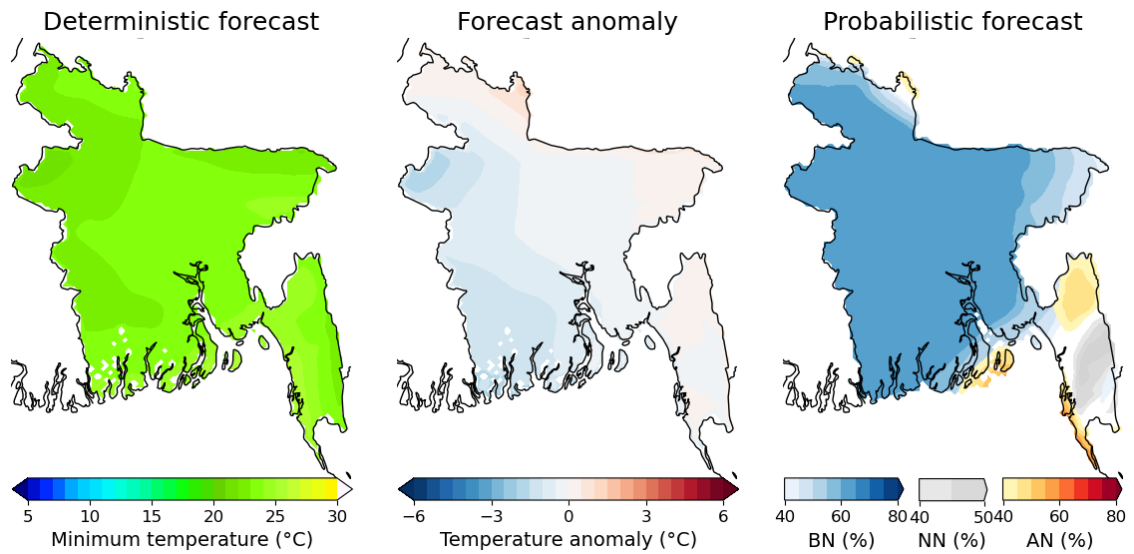
Jointly prepared by BMD, DAE, Weather Impact-Netherlands, Wageningen Environmental Research and Digital Innovation for Impact (Dii-Dhaka) under BWCSRP (Component-C), supported by World Bank

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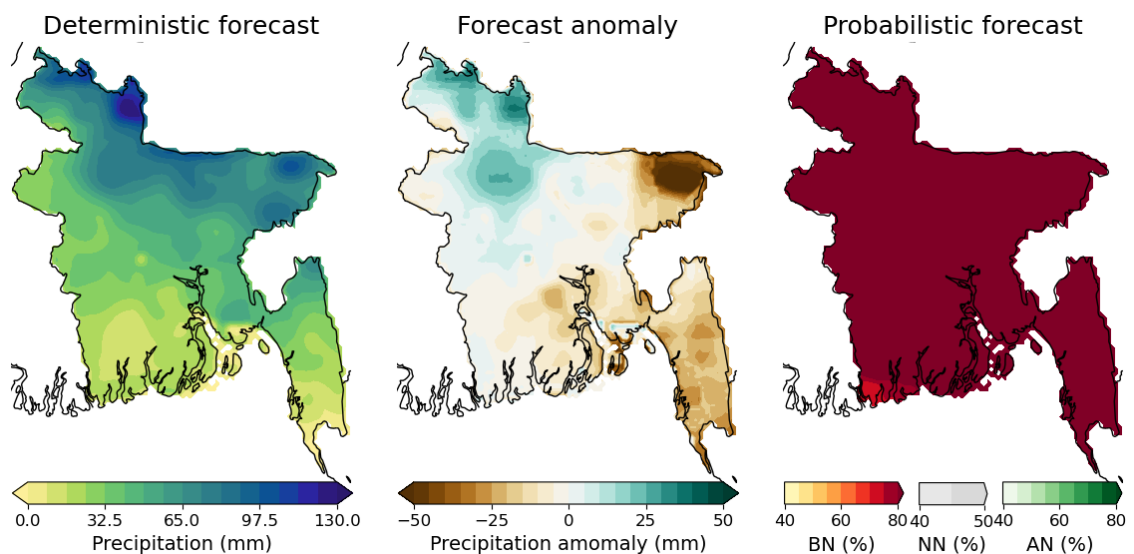
2.2 Maximum Temperature



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	32.4	23.5	46.7	Chittagong	Bandarban	32.9	23.1	13.9
	Faridpur	32.6	23.2	32.9		Brahamanbaria	32.5	23.7	50.2
	Gazipur	32.3	23.6	51.2		Chandpur	32.9	23.7	37.1
	Gopalganj	32.8	23.0	26.3		Chittagong	32.3	24.5	27.4
	Kishoreganj	32.6	23.8	59.1		Comilla	32.7	23.5	44.6
	Madaripur	32.8	23.2	23.2		Cox's Bazar	32.2	25.0	8.3
	Manikganj	32.4	23.3	42.1		Feni	32.5	23.2	45.6
	Munshiganj	32.6	23.5	38.1		Khagrachhari	34.8	24.2	45.8
	Narayanganj	32.5	23.7	47.2		Lakshmipur	32.9	23.8	33.4
	Narsingdi	32.4	23.7	43.7		Noakhali	31.0	23.2	25.7
	Rajbari	32.5	23.1	35.4		Rangamati	33.4	23.1	33.3
	Shariatpur	32.7	23.4	30.7	Khulna	Bagerhat	31.9	23.1	14.9
Rajshahi	Bogra	32.5	22.7	72.7		Chuadanga	32.7	22.9	32.4
	Joypurhat	32.7	22.4	64.3		Jessore	32.9	22.9	26.4
	Naogaon	32.4	22.1	40.6		Jhenaidah	32.7	22.9	34.2
	Natore	32.4	22.8	39.2		Khulna	30.2	21.5	14.5
	Nawabganj	31.8	21.6	28.4		Kushtia	32.5	23.0	32.2
	Pabna	32.3	23.1	35.5		Magura	32.7	23.0	32.0
	Rajshahi	32.1	22.2	33.6		Meherpur	32.7	22.9	29.8
	Sirajganj	32.3	23.0	53.7		Narail	32.8	22.9	23.5
Rangpur	Dinajpur	32.9	22.4	52.3		Satkhira	30.6	22.0	18.4
	Gaibandha	32.7	22.8	79.3	Barisal	Barguna	27.0	20.0	18.8
	Kurigram	32.6	22.9	110.8		Barisal	32.0	22.7	18.1
	Lalmonirhat	33.1	22.8	94.3		Bhola	29.8	22.4	15.1
	Nilphamari	34.0	23.1	81.1		Jhalokati	32.7	23.3	18.3
	Panchagarh	31.8	21.6	85.2		Patuakhali	28.9	21.7	20.0
	Rangpur	33.1	22.8	76.4		Pirojpur	32.8	23.1	17.5
Mymen-singh	Thakurgaon	33.2	22.5	63.8	Sylhet	Habiganj	33.1	23.9	71.5
	Jamalpur	32.6	23.1	75.6		Maulvibazar	32.5	23.1	71.2
	Mymen-singh	32.4	23.4	74.7		Sunamganj	32.2	22.7	68.1
	Netrakona	32.3	23.1	76.0		Sylhet	31.9	22.3	78.4
	Sherpur	31.9	22.6	84.5					

2.6 Guidance

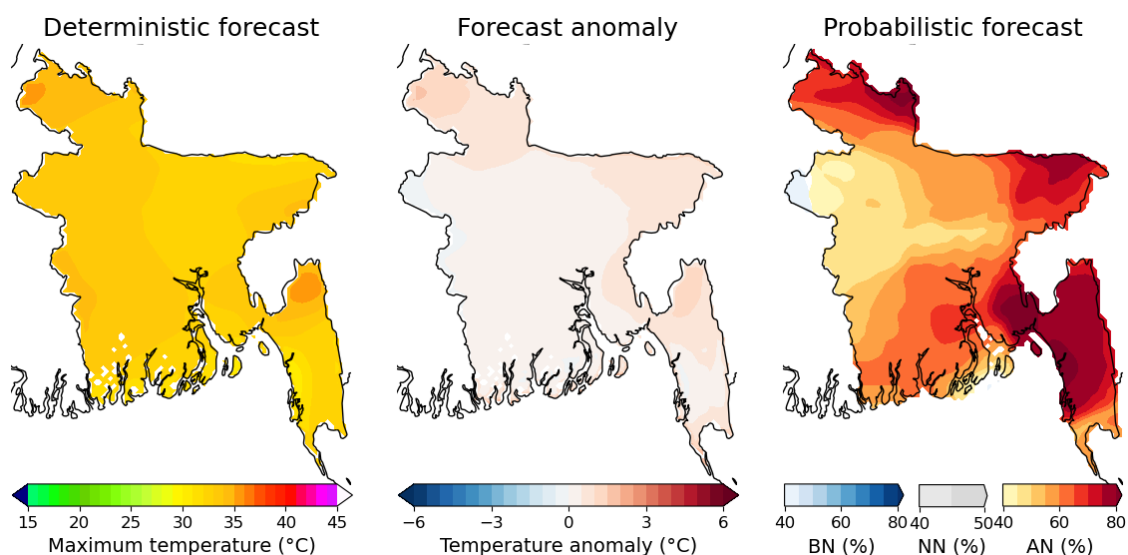
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 05.05.2023 to 18.05.2023)

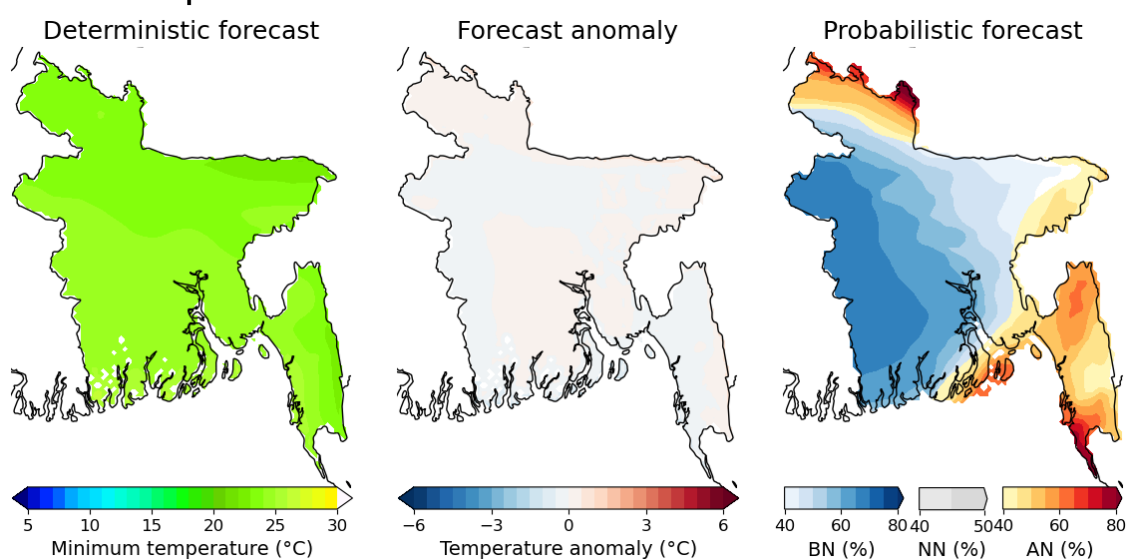
3.1 Significant Information

- Add here the text for significant information.

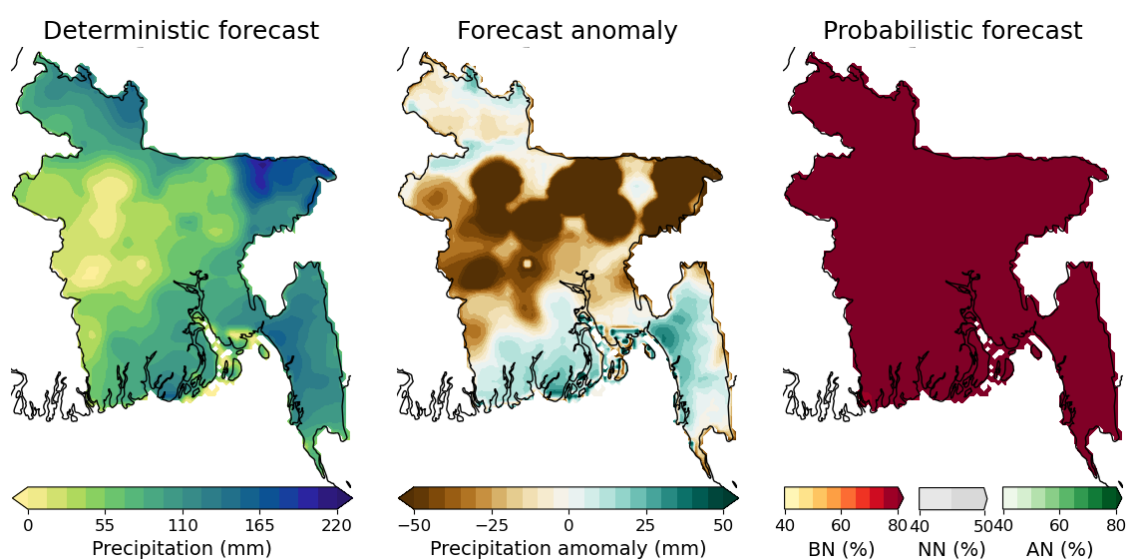
3.2 Maximum Temperature



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	32.9	24.2	54.7	Chittagong	Bandarban	31.8	23.2	107.9
	Faridpur	33.3	24.3	31.7		Brahmanbaria	32.9	24.0	82.5
	Gazipur	32.8	24.0	61.3		Chandpur	33.1	24.2	85.8
	Gopalganj	33.3	24.4	59.8		Chittagong	31.9	24.5	129.1
	Kishoreganj	32.9	23.9	57.9		Comilla	32.9	23.9	89.5
	Madaripur	33.2	24.3	84.0		Cox's Bazar	31.7	25.0	97.1
	Manikganj	33.0	24.1	36.2		Feni	32.5	23.6	114.1
	Munshiganj	32.9	24.2	66.6		Khagrachhari	34.6	24.1	124.4
	Narayanganj	32.8	24.2	67.2		Lakshmipur	32.8	24.4	82.7
	Narsingdi	32.8	24.0	56.6		Noakhali	30.9	23.6	
	Rajbari	33.3	24.2	21.3		Rangamati	32.7	23.1	112.4
Rajshahi	Shariatpur	33.0	24.3	85.6	Khulna	Bagerhat	32.2	24.6	83.5
	Bogra	33.4	23.8	16.0		Chuadanga	34.0	24.3	13.0
	Joypurhat	33.7	23.8	57.0		Jessore	33.9	24.5	44.8
	Naogaon	33.7	23.8	46.1		Jhenaidah	33.8	24.3	8.6
	Natore	33.6	24.1	16.5		Khulna	30.7	23.0	72.7
	Nawabganj	33.2	23.6	37.7		Kushtia	33.7	24.3	17.2
	Pabna	33.3	24.1	21.6		Magura	33.6	24.4	27.4
	Rajshahi	33.4	23.8	31.6		Meherpur	34.0	24.3	17.1
Rangpur	Sirajganj	33.1	23.9	27.8		Narail	33.6	24.5	50.6
	Dinajpur	33.9	23.4	87.4	Barisal	Satkhira	31.2	23.4	44.9
	Gaibandha	33.3	23.6	85.9		Barguna	27.0	21.0	112.0
	Kurigram	32.6	22.9	134.8		Barisal	32.2	23.9	90.2
	Lalmonirhat	33.2	23.3	127.7		Bhola	29.9	22.9	86.3
	Nilphamari	34.5	23.8	108.3		Jhalokati	32.9	24.6	94.7
	Panchagarh	32.4	22.2	104.4	Sylhet	Patuakhali	28.9	22.5	103.5
Mymen-singh	Rangpur	33.7	23.8	103.9		Pirojpur	33.0	24.7	90.2
	Thakurgaon	34.4	23.1	95.5		Habiganj	33.3	23.9	123.6
	Jamalpur	33.1	23.6	73.0		Maulvibazar	32.7	23.1	125.3
	Mymen-singh	32.8	23.6	59.2		Sunamganj	32.3	22.8	161.5
	Netrakona	32.6	23.3	60.3		Sylhet	32.1	22.4	157.6
	Sherpur	32.2	23.0	97.2					

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)