



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 23 January 2024

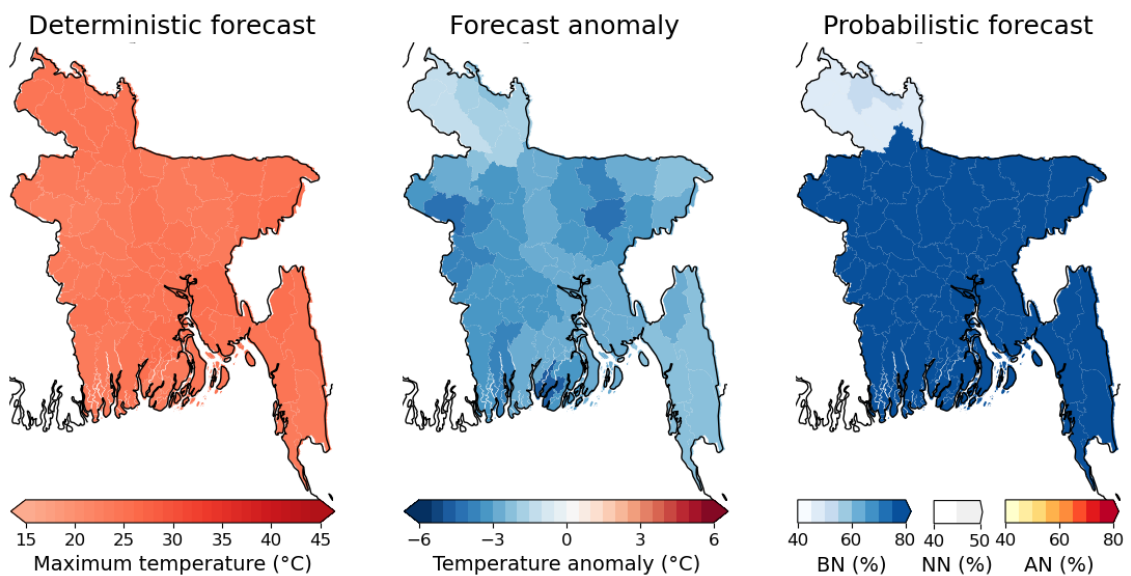
Subject: Experimental Sub-seasonal forecast for Bangladesh during 23.01.2024 to 19.02.2024

1. Weather Forecast for week 1 (Period: 23.01.2024 to 29.01.2024)

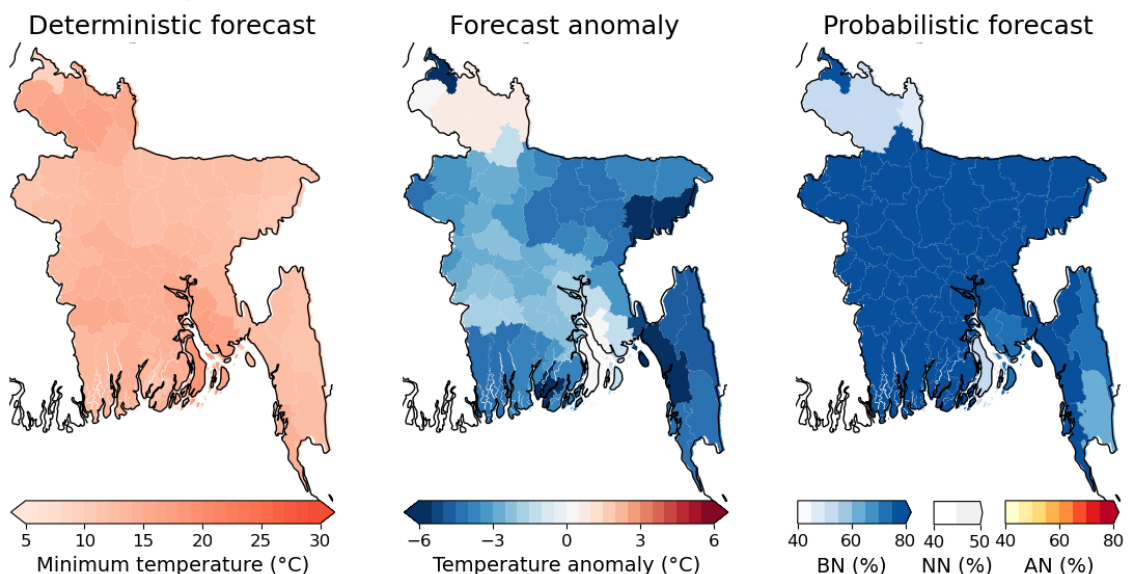
1.1 Significant Information

- Add here the text for significant information.

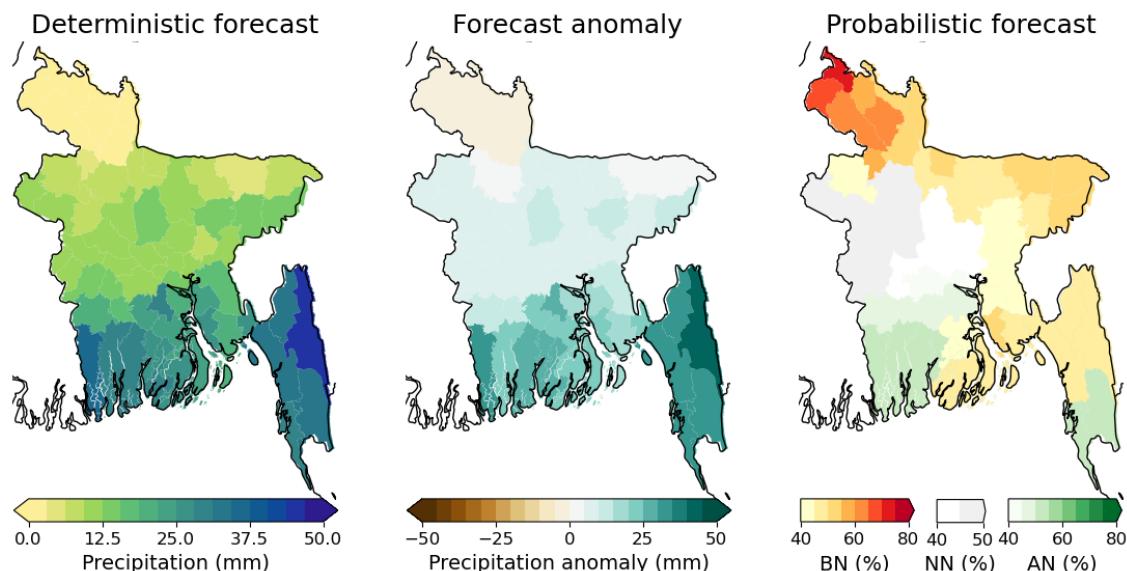
1.2 Maximum Temperature



1.3 Minimum Temperature



1.4 Rainfall



1.5 Forecast information at District level

Division	District	Maximum Temperature (°C)			Minimum Temperature (°C)			Rainfall (mm)		
		Deter- ministic	Anomaly	Probabilistic (BN/NN/AN)	Deter- ministic	Anomaly	Probabilistic (BN/NN/AN)	Deter- ministic	Anomaly	Probabilistic (BN/NN/AN)
Dhaka	Dhaka	25	-3	100/0/0	15	-2	91/9/0	10	6	34/31/36
	Faridpur	24	-3	100/0/0	14	-3	83/17/0	11	7	31/29/41
	Gazipur	24	-3	100/0/0	13	-4	99/1/0	11	8	38/32/30
	Gopalganj	24	-3	100/0/0	14	-2	83/17/0	23	20	29/22/49
	Kishoreganj	23	-4	100/0/0	12	-4	100/0/0	14	12	42/41/17
	Madaripur	25	-3	100/0/0	15	-2	83/17/0	29	27	38/13/49
	Manikganj	24	-3	100/0/0	14	-3	91/9/0	9	6	33/34/32
	Munshiganj	25	-3	100/0/0	15	-2	91/9/0	13	9	38/19/44
	Narayanganj	25	-3	100/0/0	15	-2	95/5/0	10	6	38/23/39
	Narsingdi	24	-3	100/0/0	14	-3	95/5/0	9	7	42/24/34
	Rajbari	24	-3	100/0/0	14	-3	91/9/0	11	8	25/44/31
Shariatpur	25	-3	100/0/0	15	-2	83/17/0	22	18	38/15/48	
Rajshahi	Bogra	24	-3	100/0/0	13	-3	95/5/0	8	5	33/61/6
	Joypurhat	24	-2	100/0/0	13	-3	88/12/0	5	2	59/35/6
	Naogaon	23	-3	100/0/0	13	-3	96/4/0	8	5	42/54/4
	Natore	23	-4	100/0/0	14	-3	100/0/0	9	7	25/60/15
	Nawabganj	23	-3	100/0/0	12	-4	100/0/0	11	7	38/58/5
	Pabna	23	-3	100/0/0	14	-2	100/0/0	10	8	22/53/24
	Rajshahi	23	-4	100/0/0	13	-3	99/1/0	10	7	29/59/11
	Sirajganj	24	-3	100/0/0	13	-3	99/1/0	11	8	34/47/19
Rangpur	Dinajpur	25	-1	50/50/0	16	1	50/46/4	0	-2	64/35/1
	Gaibandha	25	-2	75/25/0	14	-1	83/17/0	0	-2	51/44/4
	Kurigram	25	-2	49/51/0	16	1	49/51/0	0	-2	50/48/2
	Lalmonirhat	24	-2	50/50/0	16	1	50/29/21	0	-2	53/44/2
	Nilphamari	25	-2	50/50/0	16	1	50/17/33	0	-2	56/42/2
	Panchagarh	25	-1	46/54/0	9	-6	92/8/0	3	-1	72/28/0
	Rangpur	25	-2	50/50/0	16	1	50/50/0	0	-2	61/37/2
	Thakurgaon	25	-1	50/50/0	15	0	50/29/21	2	-1	66/34/0
Mymen- singh	Jamalpur	24	-3	100/0/0	13	-3	100/0/0	9	6	49/42/9
	Mymen- singh	24	-3	100/0/0	12	-4	99/1/0	11	8	46/40/14
	Netrakona	23	-4	100/0/0	12	-4	96/4/0	9	7	46/45/9
	Sherpur	24	-3	100/0/0	12	-4	100/0/0	9	6	51/38/11
Chitta- gong	Bandarban	23	-2	100/0/0	12	-4	65/34/1	33	33	29/21/50
	Brahamanba ria	24	-3	100/0/0	12	-4	100/0/0	10	7	43/19/39
	Chandpur	25	-3	100/0/0	16	-1	86/14/0	24	20	42/11/47
	Chittagong	25	-2	100/0/0	12	-6	100/0/0	32	31	46/4/50
	Comilla	25	-3	100/0/0	14	-3	92/8/0	16	13	42/10/48
Cox's Bazar	24	-2	100/0/0	14	-4	99/1/0	30	30	29/21/50	

	Feni	25	-3	100/0/0	12	-5	97/3/0	27	23	46/4/50
	Khagrachhari	26	-3	100/0/0	12	-5	91/9/0	32	30	46/4/50
	Lakshmipur	26	-3	100/0/0	18	0	71/25/4	25	23	50/0/50
	Noakhali	25	-3	100/0/0	17	-1	71/29/0	19	18	46/4/50
	Rangamati	24	-2	100/0/0	12	-5	73/27/0	46	44	46/4/50
Khulna	Bagerhat	25	-3	100/0/0	14	-4	100/0/0	30	27	17/33/50
	Chuadanga	24	-4	100/0/0	14	-3	78/22/0	11	5	17/60/23
	Jessore	25	-3	100/0/0	15	-2	83/17/0	19	12	25/28/47
	Jhenaidah	24	-3	100/0/0	15	-2	81/19/0	15	8	21/49/30
	Khulna	24	-4	100/0/0	13	-4	100/0/0	28	24	17/33/50
	Kushtia	23	-4	100/0/0	14	-3	91/9/0	12	8	17/61/23
	Magura	24	-3	100/0/0	15	-2	83/17/0	15	8	21/44/36
	Meherpur	24	-4	100/0/0	13	-3	87/13/0	10	5	21/60/19
	Narail	24	-3	100/0/0	15	-2	83/17/0	17	12	33/18/49
	Satkhira	24	-3	100/0/0	14	-4	100/0/0	37	31	17/33/50
	Barisal	Barguna	22	-5	100/0/0	11	-6	100/0/0	30	28
Barisal		25	-3	100/0/0	15	-2	83/17/0	25	23	42/8/50
Bhola		24	-3	100/0/0	18	0	50/50/0	25	23	46/4/50
Jhalokati		25	-3	100/0/0	14	-3	92/8/0	27	25	42/8/50
Patuakhali		24	-3	100/0/0	14	-4	88/12/0	26	25	46/4/50
Pirojpur		25	-3	100/0/0	13	-4	100/0/0	28	26	38/12/50
Sylhet	Habiganj	25	-3	100/0/0	11	-6	97/3/0	13	9	46/35/19
	Maulvibazar	25	-3	100/0/0	11	-6	94/6/0	15	10	50/33/17
	Sunamganj	24	-3	100/0/0	12	-4	96/4/0	6	2	50/29/21
	Sylhet	24	-2	100/0/0	12	-4	94/6/0	8	2	51/38/10

1.6 Guidance

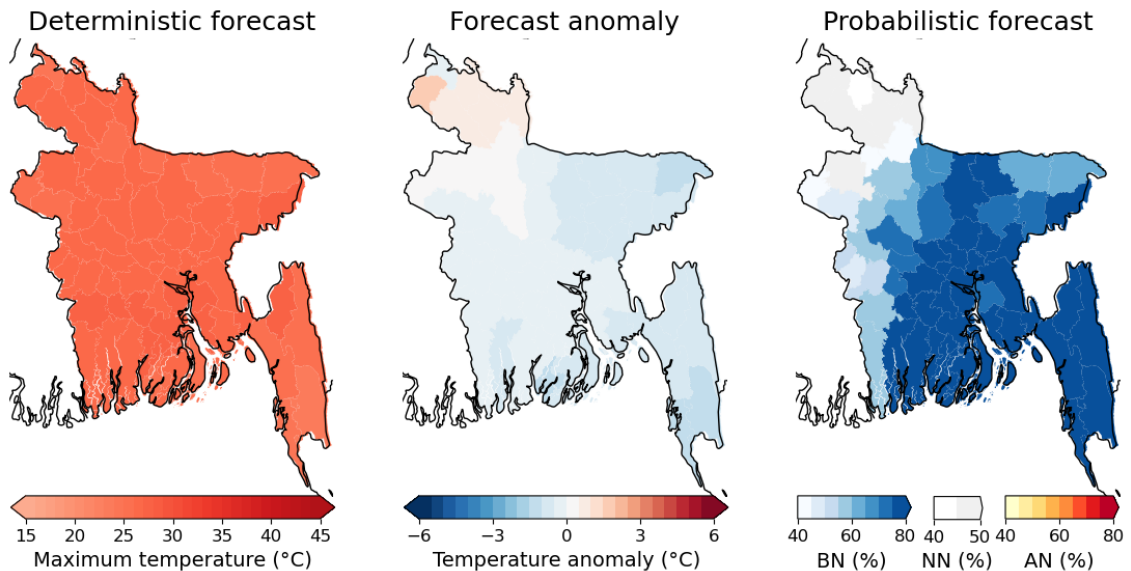
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 30.01.2024 to 05.02.2024)

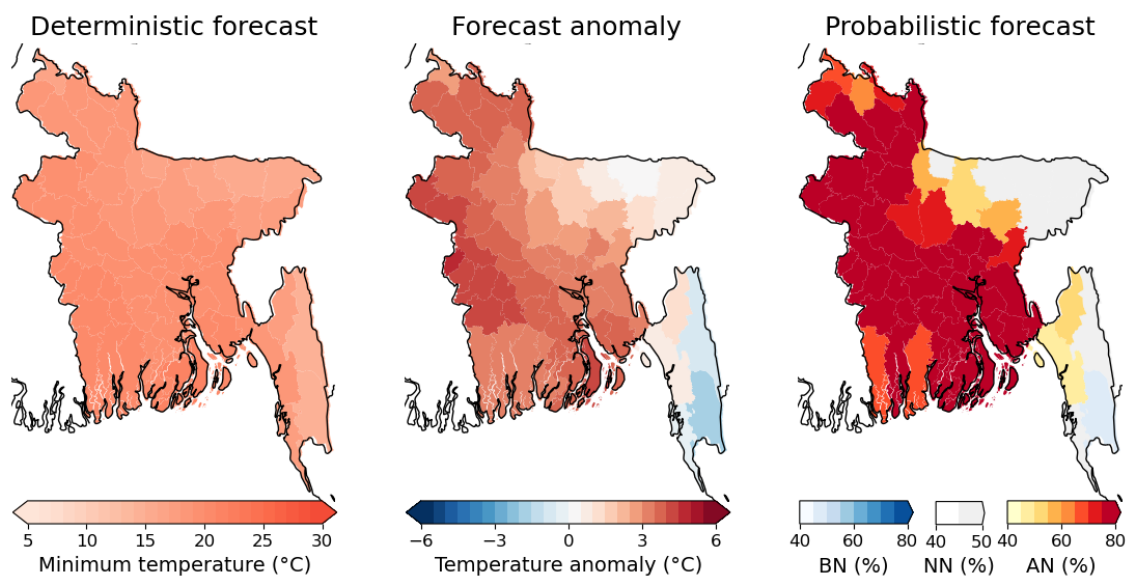
2.1 Significant Information

- Add here the text for significant information.

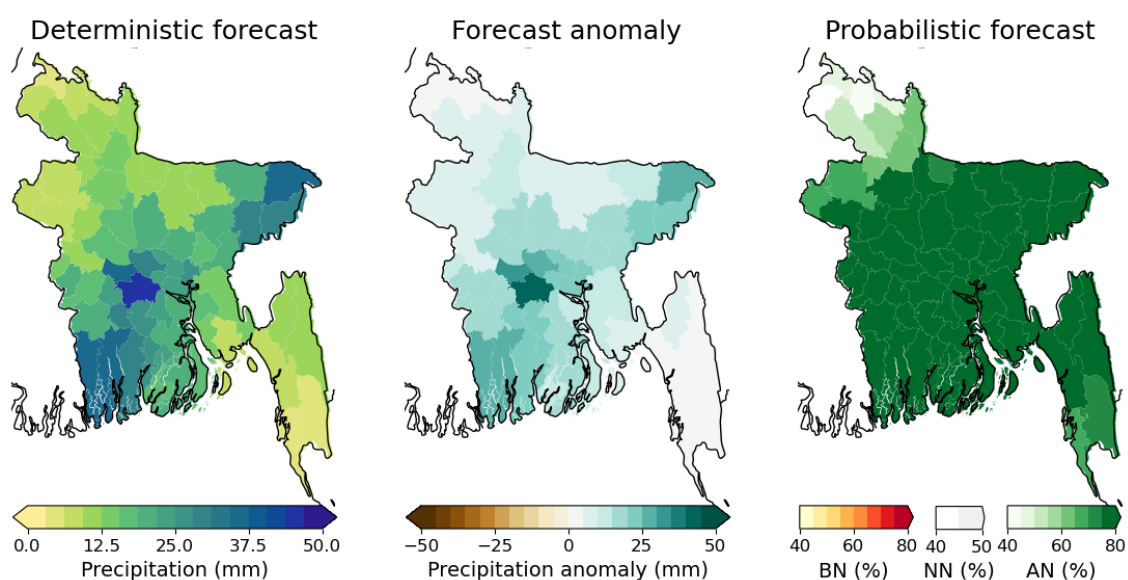
2.2 Maximum Temperature



2.3 Minimum Temperature



2.4 Rainfall



2.5 Forecast information at District level

Division	District	Maximum Temperature (°C)			Minimum Temperature (°C)			Rainfall (mm)		
		Deter-ministic	Anomaly	Probabilistic (BN/NN/AN)	Deter-ministic	Anomaly	Probabilistic (BN/NN/AN)	Deter-ministic	Anomaly	Probabilistic (BN/NN/AN)
Dhaka	Dhaka	27	0	84/16/0	20	3	0/17/83	25	23	0/8/92
	Faridpur	27	0	84/16/0	20	4	0/12/88	44	42	0/6/94
	Gazipur	26	-1	80/20/0	19	3	0/25/75	19	17	0/7/93
	Gopalganj	27	0	83/17/0	20	4	4/3/92	28	23	0/9/91
	Kishoreganj	26	-1	73/27/0	18	2	0/41/59	20	15	0/18/82
	Madaripur	27	0	85/15/0	20	4	4/5/91	23	18	0/12/88
	Manikganj	27	0	87/13/0	19	3	0/15/85	30	29	0/4/96
	Munshiganj	27	0	82/18/0	20	3	0/10/90	23	20	0/12/88
	Narayanganj	27	0	82/18/0	20	3	0/13/87	26	24	0/13/87
	Narsingdi	26	-1	77/23/0	19	3	0/24/76	18	15	0/15/85
	Rajbari	27	0	73/27/0	20	4	0/12/88	37	34	0/6/94
Shariatpur	27	0	80/20/0	20	3	0/10/90	19	15	0/13/87	
Rajshahi	Bogra	26	0	55/45/0	19	3	0/25/75	15	14	0/16/84
	Joypurhat	26	0	41/55/4	19	4	1/17/82	10	8	4/33/63
	Naogaon	26	0	36/64/0	19	4	1/16/83	9	8	0/31/69
	Natore	26	0	55/45/0	19	4	0/24/76	11	10	0/11/89
	Nawabganj	26	0	43/57/0	20	4	0/13/87	7	6	1/31/68

Rangpur	Pabna	27	0	72/28/0	20	4	0/23/77	18	16	0/9/91
	Rajshahi	26	0	46/53/0	20	4	0/20/80	8	7	0/23/77
	Sirajganj	26	0	63/37/0	19	3	0/27/73	17	15	0/7/93
	Dinajpur	26	1	25/54/21	19	4	2/22/75	10	7	29/16/55
	Gaibandha	26	0	44/48/8	18	3	1/21/78	13	10	25/13/62
	Kurigram	26	1	32/52/17	18	4	0/24/76	11	7	25/13/62
	Lalmonirhat	26	1	36/47/17	18	4	0/28/72	9	5	38/14/48
	Nilphamari	26	1	35/40/25	18	4	2/36/61	8	4	38/20/42
	Panchagarh	25	0	36/60/4	17	3	2/32/66	6	3	29/25/45
Mymen-singh	Rangpur	26	1	28/51/21	19	4	0/18/81	12	8	29/14/57
	Thakurgaon	27	2	27/48/25	18	4	0/26/73	7	4	39/22/39
	Jamalpur	26	0	68/28/4	18	2	1/42/57	12	10	0/24/76
	Mymen-singh	26	-1	78/22/0	18	2	4/46/50	11	9	0/18/82
Chitta-gong	Netrakona	26	-1	76/24/0	16	1	4/56/40	12	9	4/18/78
	Sherpur	26	0	68/27/4	17	2	1/59/39	11	8	4/23/73
	Bandarban	24	-1	92/8/0	14	-2	48/28/24	4	1	11/16/73
	Brahamanbaria	26	-1	82/18/0	19	3	0/26/74	20	15	0/15/85
	Chandpur	27	0	75/25/0	20	3	0/10/90	17	14	0/13/87
	Chittagong	26	-1	86/14/0	18	1	13/37/49	8	5	5/14/82
	Comilla	27	0	81/19/0	19	3	0/13/87	15	12	0/12/88
	Cox's Bazar	24	-1	96/4/0	18	0	5/85/10	3	2	11/20/69
	Feni	27	-1	89/11/0	20	3	0/15/85	13	10	5/7/89
	Khagrachhari	27	-1	91/9/0	18	1	9/38/53	12	7	4/13/83
Khulna	Lakshmipur	27	0	89/11/0	20	4	0/14/86	14	11	4/7/89
	Noakhali	26	-1	92/8/0	21	4	0/15/85	9	7	5/6/89
	Rangamati	25	-1	91/9/0	15	-1	26/46/28	11	5	4/16/80
	Bagerhat	27	0	79/21/0	20	3	4/26/69	30	25	0/9/91
	Chuadanga	27	0	49/50/0	20	4	0/11/89	19	16	0/6/93
	Jessore	27	0	59/41/0	20	4	0/10/90	20	16	0/6/94
	Jhenaidah	27	0	52/48/0	20	4	0/11/89	19	16	0/6/94
	Khulna	27	-1	75/25/0	20	3	4/18/78	35	29	0/5/95
	Kushtia	27	0	60/40/0	20	4	0/17/83	11	9	0/11/89
	Magura	27	0	72/28/0	20	4	0/11/89	22	19	0/6/94
Barisal	Meherpur	27	0	54/45/1	20	5	0/15/85	15	13	0/13/86
	Narail	27	0	77/23/0	20	4	0/7/93	28	23	0/6/94
	Satkhira	27	0	57/43/0	21	3	8/22/69	35	28	0/5/95
	Barguna	25	-1	91/9/0	20	3	4/17/79	19	15	0/12/88
	Barisal	27	0	89/11/0	20	4	0/10/90	19	16	0/12/88
	Bhola	26	-1	95/5/0	21	4	0/11/89	18	15	4/7/89
	Jhalokati	27	0	84/16/0	20	4	4/7/89	24	20	0/12/88
	Patuakhali	26	-1	93/7/0	21	4	0/7/93	20	16	0/11/89
Sylhet	Pirojpur	27	0	77/23/0	20	3	4/18/78	27	22	0/12/88
	Habiganj	27	-1	72/28/0	18	1	0/60/40	28	23	4/14/82
	Maulvibazar	27	-1	75/25/0	17	1	0/64/36	30	22	4/14/82
	Sunamganj	25	-1	61/39/0	16	0	0/70/30	20	13	4/18/78
	Sylhet	25	-1	64/36/0	16	1	2/69/29	35	25	4/18/78

2.6 Guidance

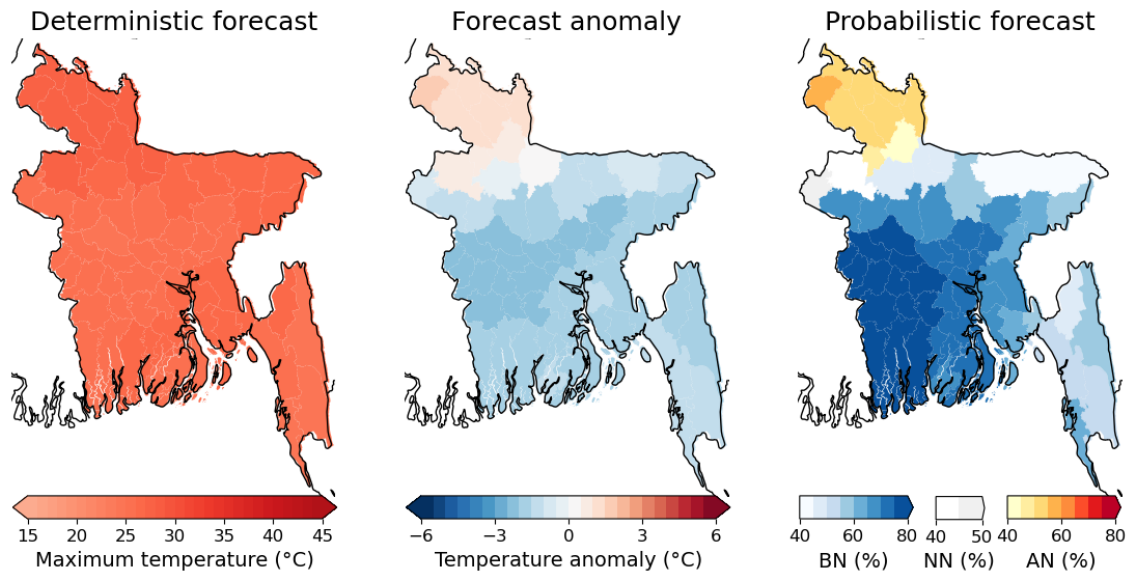
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 06.02.2024 to 19.02.2024)

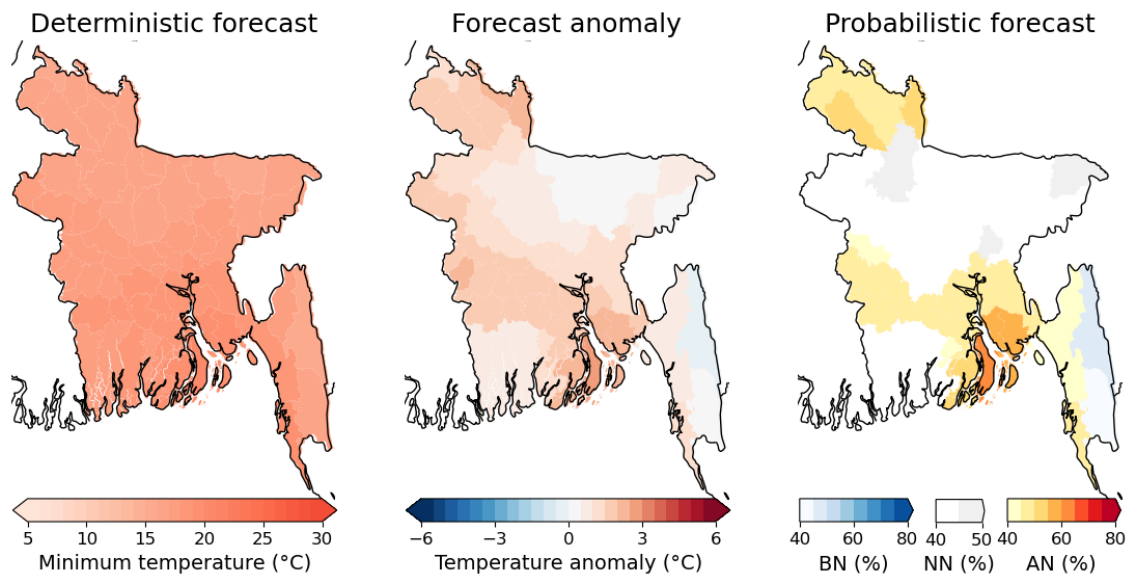
3.2 Significant Information

- Add here the text for significant information.

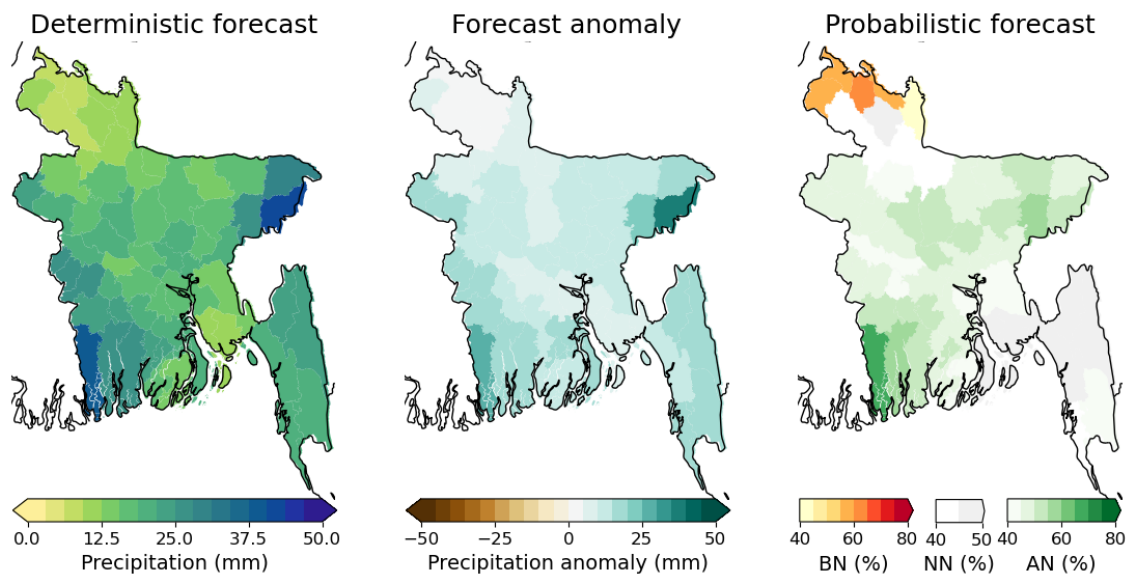
3.2 Maximum Temperature



3.3 Minimum Temperature



3.4 Rainfall



3.5 Forecast information at District level

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

Division	District	Maximum Temperature (°C)			Minimum Temperature (°C)			Rainfall (mm)		
		Deterministic	Anomaly	Probabilistic (BN/NN/AN)	Deterministic	Anomaly	Probabilistic (BN/NN/AN)	Deterministic	Anomaly	Probabilistic (BN/NN/AN)
Dhaka	Dhaka	26	-2	72/19/9	18	1	22/40/37	20	12	13/37/50
	Faridpur	26	-2	78/13/9	18	2	22/38/40	16	9	12/42/47
	Gazipur	26	-2	70/20/10	17	1	27/40/33	20	13	12/34/53
	Gopalganj	26	-2	79/12/9	18	2	23/29/48	20	12	12/36/52
	Kishoreganj	26	-2	66/23/10	17	0	35/38/27	16	12	18/29/53
	Madaripur	26	-2	75/16/9	18	2	24/30/46	17	9	12/43/45
	Manikganj	25	-2	73/21/6	18	1	22/40/38	18	10	12/37/51
	Munshiganj	26	-2	74/17/9	18	1	19/35/46	18	10	13/41/46
	Narayanganj	26	-2	72/18/9	18	1	18/36/45	21	13	13/37/50
	Narsingdi	25	-2	71/20/9	18	1	22/46/32	18	12	16/38/46
Rajbari	25	-2	76/19/6	18	2	22/38/40	15	8	11/46/43	
Shariatpur	26	-2	74/17/9	18	2	20/35/45	16	8	12/45/43	
Rajshahi	Bogra	27	0	47/26/27	17	1	28/47/26	17	13	14/42/45
	Joypurhat	28	1	33/21/46	17	1	29/34/37	11	6	28/38/33
	Naogaon	27	1	32/39/28	17	1	24/44/32	15	10	23/32/45
	Natore	25	-1	69/19/11	17	1	26/39/35	18	13	15/38/47
	Nawabganj	26	-1	36/48/16	17	2	22/42/35	23	17	16/34/50
	Pabna	25	-2	79/15/6	17	1	22/39/39	19	12	14/37/49
	Rajshahi	25	-1	67/21/12	17	2	22/42/36	21	15	10/40/50
Sirajganj	25	-2	67/23/10	17	1	31/37/32	20	12	13/34/52	
Rangpur	Dinajpur	27	1	22/26/52	17	2	13/36/51	8	4	34/43/22
	Gaibandha	27	1	34/21/45	16	1	22/47/32	12	8	29/38/33
	Kurigram	28	1	21/28/51	17	2	11/37/52	12	6	44/36/20
	Lalmonirhat	28	1	21/29/50	17	2	16/37/47	10	4	59/24/17
	Nilphamari	28	1	22/24/54	17	2	16/37/47	7	2	61/18/21
	Panchagarh	27	1	21/28/51	16	1	16/35/49	8	4	56/27/17
	Rangpur	27	1	21/28/51	17	2	15/37/48	10	5	33/48/20
Thakurgaon	28	2	19/25/56	16	2	14/36/50	10	5	56/24/20	
Mymensingh	Jamalpur	27	0	47/26/27	16	1	37/41/21	14	9	23/42/35
	Mymensingh	26	-1	57/20/23	17	0	36/35/29	17	12	17/35/48
	Netrakona	26	-1	44/29/27	16	0	40/35/25	15	11	24/28/48
	Sherpur	27	0	46/19/35	16	0	37/37/26	13	9	27/38/35
Chittagong	Bandarban	24	-1	55/34/11	16	0	44/15/42	20	16	15/43/42
	Brahamanbaria	26	-2	65/26/9	17	1	23/37/40	19	14	14/37/49
	Chandpur	27	-1	69/22/9	18	2	10/44/45	16	9	12/44/44
	Chittagong	26	-1	51/36/13	18	1	31/28/41	19	13	16/55/29
	Comilla	26	-2	67/23/9	18	1	13/41/46	16	10	13/43/44
	Cox's Bazar	25	-1	65/26/9	19	1	27/24/49	20	17	20/42/38
	Feni	27	-2	57/30/12	18	2	18/34/48	13	8	19/50/30
	Khagrachhari	27	-2	50/36/14	17	1	20/39/41	23	17	12/55/33
	Lakshmipur	26	-2	67/22/10	19	2	12/30/57	11	7	16/49/35
	Noakhali	26	-2	63/25/12	20	2	14/29/57	11	7	19/48/32
Rangamati	25	-2	56/31/12	16	0	45/16/39	25	19	10/60/30	
Khulna	Bagerhat	26	-2	75/16/9	18	1	35/30/35	25	17	8/39/54
	Chuadanga	25	-2	76/17/7	18	2	20/33/47	26	16	8/46/46
	Jessore	26	-2	78/16/6	18	2	26/25/50	25	16	15/34/51
	Jhenaidah	25	-2	77/17/7	18	2	21/33/47	25	17	11/42/47
	Khulna	26	-2	80/11/9	18	1	35/30/35	27	17	11/33/56
	Kushtia	25	-2	79/15/7	17	2	21/35/44	20	13	13/43/44
	Magura	26	-2	78/16/6	18	2	21/34/45	20	12	11/45/44
	Meherpur	25	-2	80/13/7	18	2	20/31/49	25	15	8/46/47
	Narail	26	-2	79/17/5	18	2	22/29/49	22	14	11/35/53
Satkhira	26	-2	80/15/5	18	1	35/29/36	40	30	7/26/67	
Barisal	Barguna	26	-1	69/20/10	18	1	28/39/33	16	11	8/44/49
	Barisal	26	-2	73/18/9	18	2	15/37/49	22	15	13/40/47
	Bhola	25	-2	74/24/2	20	3	12/23/65	20	16	13/47/39
	Jhalokati	27	-2	74/17/9	18	2	26/30/45	24	17	12/37/51
	Patuakhali	26	-2	74/24/2	19	2	15/31/54	16	11	8/47/44
Pirojpur	27	-2	75/16/9	18	1	26/38/36	22	15	11/41/48	
Sylhet	Habiganj	26	-2	63/27/10	17	1	27/45/28	28	22	11/33/56
	Maulvibazar	26	-2	58/32/11	17	0	27/44/30	43	35	11/36/53

	Sunamganj	26	-1	40/28/32	16	0	40/35/25	18	12	26/23/50
	Sylhet	26	-1	43/25/32	16	1	23/46/30	28	20	29/22/49

3.6 Guidance

- Add here the text for guidance.

Forecast legend

Rainfall category	Amounts of rainfall
<ul style="list-style-type: none"> • Light rain • Moderate rain • Moderately Heavy • Heavy rain • Very heavy rain 	2-20 mm/day 22-22 mm/day 23-43 mm/day Heavy rain: 44-88 mm/day Very heavy rain: ≥ 89 mm/day
Probabilistic values <ul style="list-style-type: none"> • AN (%) • NN (%) • BN (%) 	This value represents the chance that the forecast will with respect to the climatology, divided into three categories: Above normal (likelihood in percent) Near normal (likelihood in percent) Below normal (likelihood in percent)
<ul style="list-style-type: none"> • Anomaly 	The difference between the deterministic value and the climatology (Climatology = Deterministic - Anomaly)