



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 26 December 2023

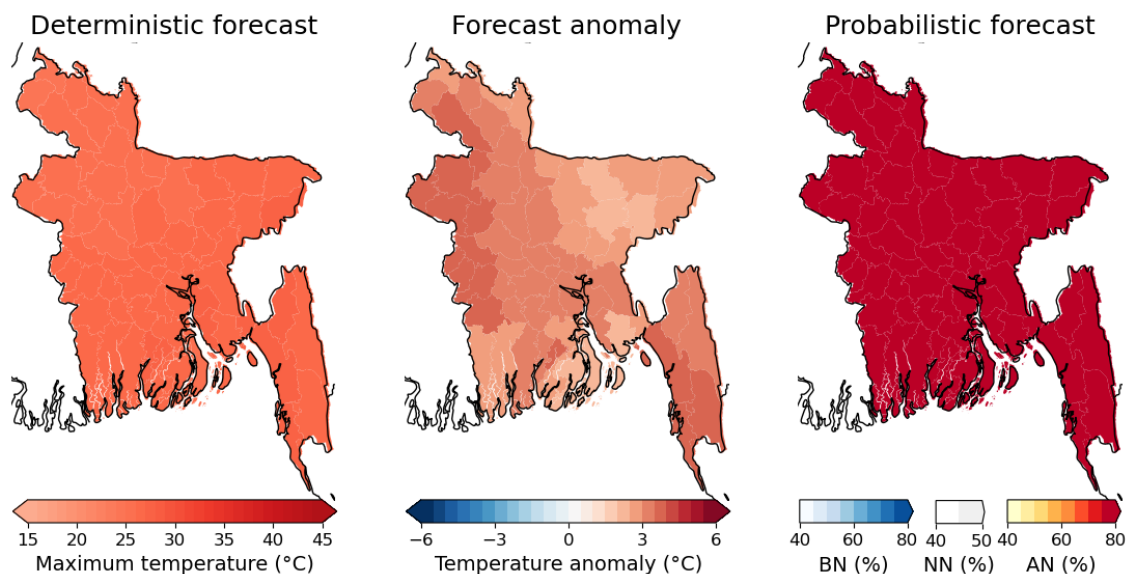
Subject: Experimental Sub-seasonal forecast for Bangladesh during 26.12.2023 to 22.01.2024

1. Weather Forecast for week 1 (Period: 26.12.2023 to 01.01.2024)

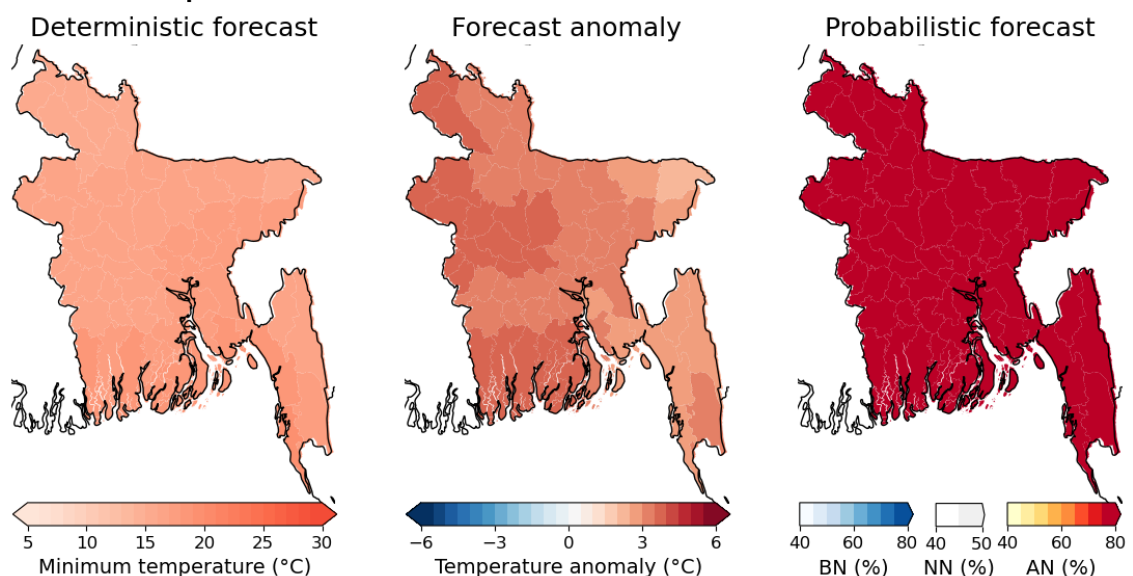
1.1 Significant Information

- Add here the text for significant information.

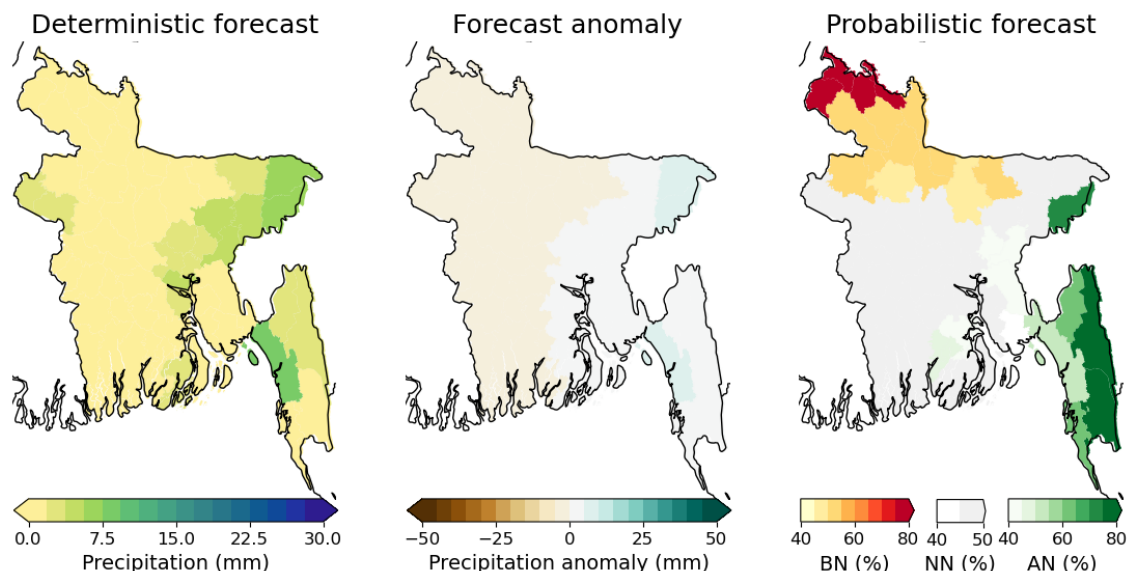
1.2 Maximum Temperature



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	27	3	0/0/100	17	3	0/0/100	3	2	0/79/21
	Faridpur	26	3	0/0/100	17	3	0/0/100	0	0	0/93/7
	Gazipur	26	3	0/0/100	17	3	0/0/100	2	1	0/75/25
	Gopalganj	27	3	0/0/100	17	3	0/0/100	0	0	0/64/36
	Kishoreganj	26	2	0/0/100	18	3	0/0/100	5	4	5/73/22
	Madaripur	26	3	0/0/100	17	3	0/0/100	0	0	0/72/28
	Manikganj	26	3	0/0/100	17	4	0/0/100	0	0	0/91/9
	Munshiganj	27	3	0/0/100	17	3	0/0/100	4	3	0/83/17
	Narayanganj	27	3	0/0/100	17	3	0/0/100	4	3	0/71/29
	Narsingdi	26	3	0/0/100	17	3	0/0/100	3	2	0/55/45
	Rajbari	26	3	0/0/100	17	4	0/0/100	0	0	0/100/0
Shariatpur	27	3	0/0/100	17	3	0/0/100	2	1	0/73/27	
Rajshahi	Bogra	26	3	0/0/100	16	3	0/0/100	0	0	46/41/13
	Joypurhat	26	4	0/0/100	16	3	0/0/100	0	0	50/36/14
	Naogaon	25	4	0/0/100	16	4	0/0/100	2	0	50/49/1
	Natore	26	4	0/0/100	16	4	0/0/100	2	0	0/96/4
	Nawabganj	25	4	0/0/100	16	4	0/0/100	2	0	1/99/0
	Pabna	26	3	0/0/100	17	4	0/0/100	0	-1	0/96/4
	Rajshahi	26	4	0/0/100	16	4	0/0/100	2	0	0/100/0
	Sirajganj	26	3	0/0/100	17	4	0/0/100	0	-1	0/93/6
Rangpur	Dinajpur	25	4	0/0/100	16	4	0/0/100	0	-1	50/50/0
	Gaibandha	26	3	0/0/100	16	3	0/0/100	0	-1	50/43/7
	Kurigram	25	3	0/0/100	16	3	0/0/100	0	-1	50/50/0
	Lalmonirhat	25	3	0/0/100	16	3	0/0/100	0	-1	96/4/0
	Nilphamari	26	3	0/0/100	16	3	0/0/100	0	-1	96/4/0
	Panchagarh	25	3	0/0/100	15	4	0/0/100	0	-1	96/4/0
	Rangpur	25	3	0/0/100	16	3	0/0/100	0	-1	50/50/0
	Thakurgaon	25	3	0/0/100	15	4	0/0/100	0	-1	99/1/0
Mymen-singh	Jamalpur	26	3	0/0/100	16	3	0/0/100	0	-1	50/23/27
	Mymen-singh	26	3	0/0/100	17	3	0/0/100	0	0	46/48/6
	Netrakona	26	2	0/0/100	17	3	0/0/100	0	-1	51/43/6
	Sherpur	26	3	0/0/100	16	3	0/0/100	0	-1	50/5/45
Chitta-gong	Bandarban	27	4	0/0/100	18	3	0/0/100	2	1	0/12/88
	Brahamanba- ria	26	3	0/0/100	17	3	0/0/100	4	4	4/53/43
	Chandpur	27	3	0/0/100	17	3	0/0/100	0	0	0/68/32
	Chittagong	28	4	0/0/100	18	3	0/0/100	8	7	0/50/50
	Comilla	27	3	0/0/100	17	3	0/0/100	2	1	4/54/42
Cox's Bazar	28	4	0/0/100	20	3	0/0/100	0	1	0/38/62	

	Feni	27	3	0/0/100	17	3	0/0/100	2	1	0/50/50
	Khagrachhari	28	3	0/0/100	17	3	0/0/100	3	2	0/38/62
	Lakshmipur	27	3	0/0/100	17	3	0/0/100	2	1	0/69/31
	Noakhali	26	2	0/0/100	18	3	0/0/100	2	1	25/41/34
	Rangamati	27	3	0/0/100	17	3	0/0/100	3	2	0/12/88
Khulna	Bagerhat	27	3	0/0/100	18	4	0/0/100	0	-1	0/65/35
	Chuadanga	26	4	0/0/100	17	4	0/0/100	0	-1	0/99/1
	Jessore	27	4	0/0/100	17	3	0/0/100	0	0	0/89/11
	Jhenaidah	26	4	0/0/100	17	3	0/0/100	0	-1	0/98/2
	Khulna	26	3	0/0/100	18	4	0/0/100	0	-1	0/69/31
	Kushtia	26	4	0/0/100	17	4	0/0/100	0	-1	1/98/1
	Magura	26	3	0/0/100	17	3	0/0/100	0	0	0/98/2
	Meherpur	26	4	0/0/100	17	4	0/0/100	0	-1	0/100/0
	Narail	27	3	0/0/100	17	3	0/0/100	0	0	0/80/20
	Satkhira	26	3	0/0/100	18	4	0/0/100	0	-1	0/83/17
	Barisal	Barguna	26	3	0/0/100	19	4	0/0/100	0	0
Barisal		27	3	0/0/100	17	4	0/0/100	2	1	0/56/44
Bhola		26	2	0/0/100	19	3	0/0/100	0	1	0/78/22
Jhalokati		28	4	0/0/100	17	4	0/0/100	2	1	0/53/47
Patuakhali		26	2	0/0/100	19	4	0/0/100	3	2	0/61/39
Pirojpur		27	3	0/0/100	17	4	0/0/100	0	0	0/55/45
Sylhet	Habiganj	27	2	0/0/100	17	3	0/0/100	5	5	4/58/38
	Maulvibazar	27	3	0/0/100	17	3	0/0/100	6	5	0/30/70
	Sunamganj	26	3	0/0/100	16	3	0/0/100	3	2	23/76/0
	Sylhet	26	3	0/0/100	16	2	0/0/100	6	5	3/79/18

1.6 Guidance

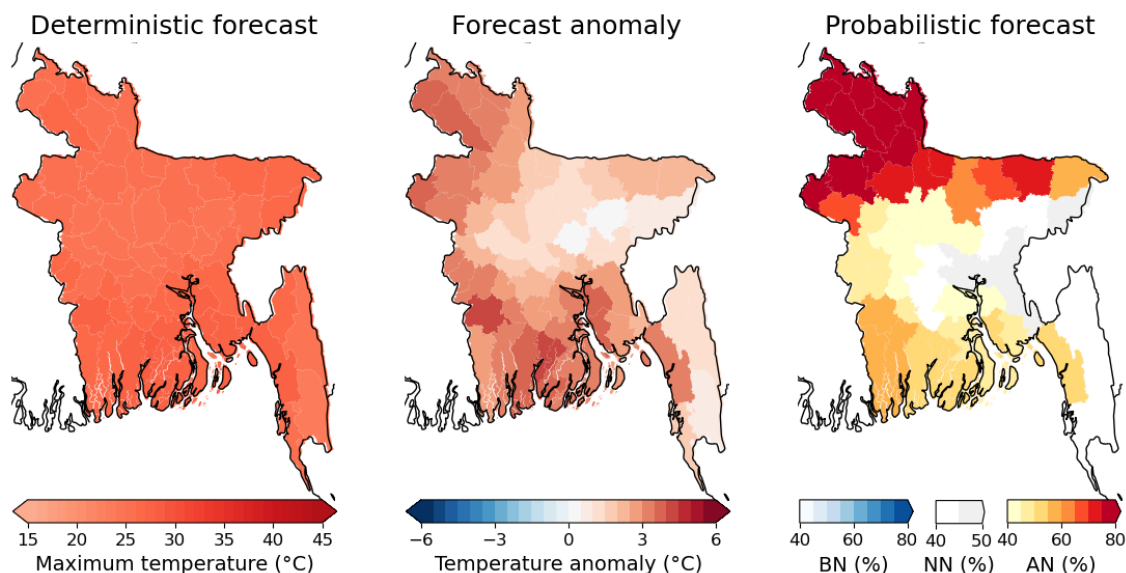
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 02.01.2024 to 08.01.2024)

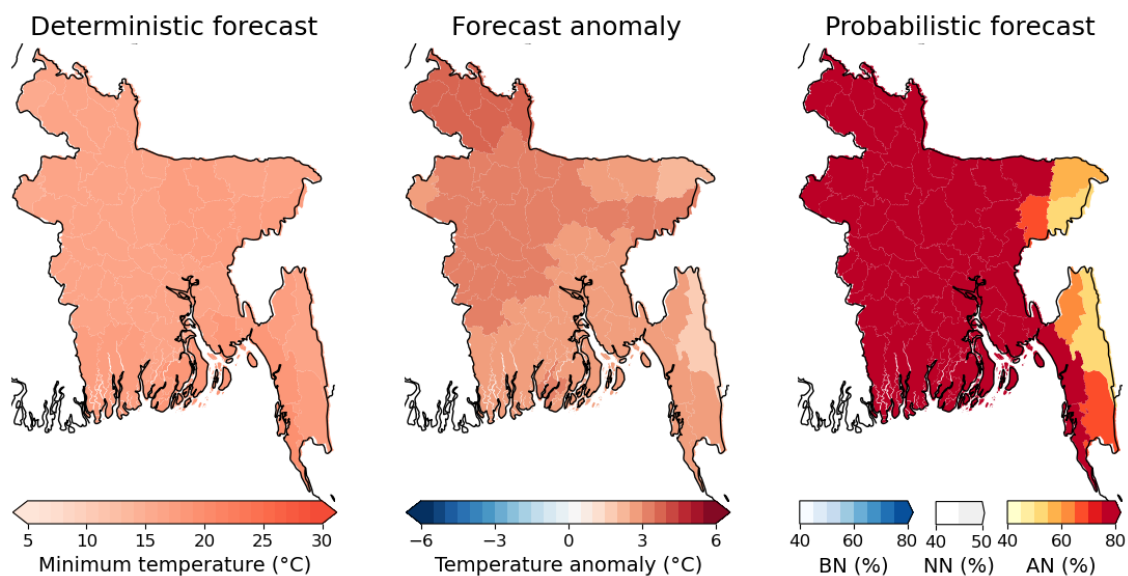
2.1 Significant Information

- Add here the text for significant information.

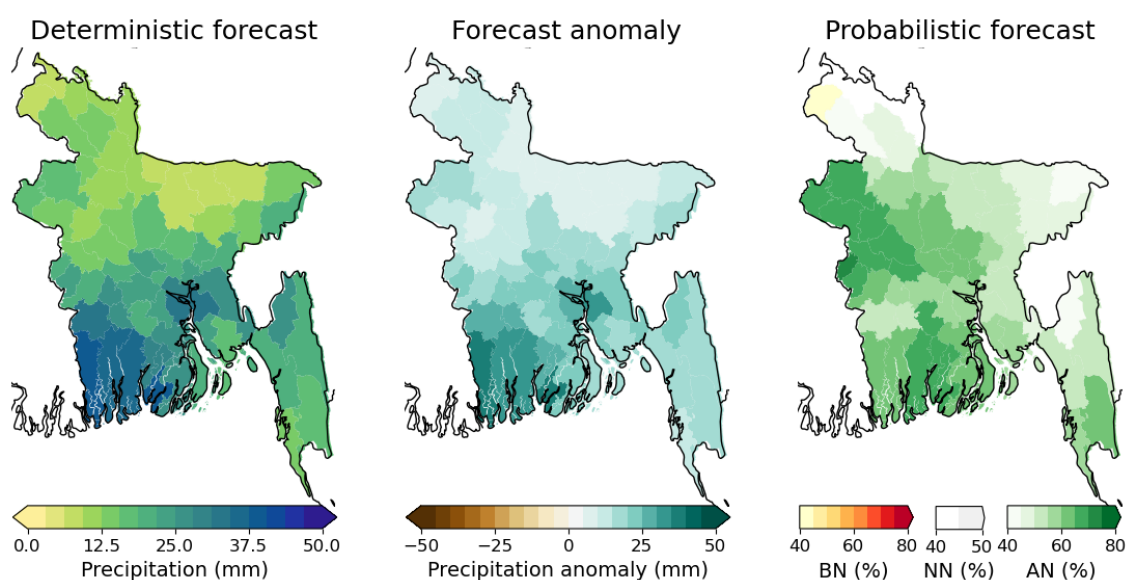
2.2 Maximum Temperature



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	25	2	19/46/35	17	3	0/11/89	21	20	1/35/63
	Faridpur	26	2	19/42/39	17	3	0/11/89	24	22	2/40/57
	Gazipur	24	0	23/37/40	17	3	0/18/82	18	17	2/36/62
	Gopalganj	26	3	20/41/40	17	3	0/11/89	21	19	9/25/66
	Kishoreganj	25	0	18/43/39	18	3	0/18/82	11	9	24/21/54
	Madaripur	26	3	15/44/40	17	3	0/10/90	23	21	15/27/58
	Manikganj	25	1	19/44/37	17	3	0/10/90	24	22	3/33/64
	Munshiganj	27	3	15/54/31	17	3	0/10/90	29	27	3/40/56
	Narayanganj	26	2	15/54/31	17	3	0/11/89	22	20	0/38/61
	Narsingdi	25	1	24/44/32	17	3	0/18/82	19	17	2/41/57
	Rajbari	25	2	19/41/40	17	3	0/9/91	21	20	2/32/66
Shariatpur	27	3	15/41/44	17	3	0/9/91	32	30	3/42/55	
Rajshahi	Bogra	26	3	3/26/71	16	3	0/12/88	11	10	14/27/58
	Joypurhat	26	3	4/18/78	16	3	0/15/85	14	13	23/23/54
	Naogaon	26	3	4/14/82	16	3	0/14/86	17	16	15/17/68
	Natore	25	2	7/44/49	16	3	0/11/89	10	9	1/33/65
	Nawabganj	26	4	2/18/80	16	3	0/12/88	18	17	4/27/68

Rangpur	Pabna	24	1	19/37/44	17	3	0/9/91	13	12	2/32/66
	Rajshahi	26	3	3/28/69	16	3	0/12/88	13	13	2/28/70
	Sirajganj	25	2	10/47/43	17	3	0/17/83	15	13	2/33/64
	Dinajpur	26	4	3/7/89	16	4	0/14/86	13	13	36/21/43
	Gaibandha	26	3	4/19/77	16	3	0/15/85	10	10	34/18/48
	Kurigram	26	3	2/12/86	16	4	0/11/89	10	10	39/22/39
	Lalmonirhat	26	3	2/10/88	17	4	0/13/87	11	10	38/25/37
	Nilphamari	26	3	3/9/88	17	4	0/14/86	11	11	38/25/37
	Panchagarh	25	3	2/9/88	16	4	0/17/83	7	7	34/26/40
Mymen-singh	Rangpur	26	3	3/9/87	16	4	0/17/83	13	13	35/16/49
	Thakurgaon	26	4	1/10/89	16	4	0/13/87	7	6	41/19/40
	Jamalpur	25	2	7/21/72	17	3	0/18/82	10	9	24/20/57
	Mymen-singh	25	1	5/31/64	17	3	0/24/76	8	8	23/22/55
Chitta-gong	Netrakona	26	2	5/26/69	17	3	0/13/87	7	6	31/18/52
	Sherpur	25	2	7/19/75	17	3	0/20/80	8	7	27/20/53
	Bandarban	24	1	32/39/28	17	3	0/33/66	18	16	23/17/60
	Brahamanbaria	25	1	20/53/27	17	3	0/20/80	19	17	22/27/51
	Chandpur	28	4	9/46/45	17	3	0/10/90	33	30	3/44/53
	Chittagong	28	3	17/30/53	19	3	0/17/83	20	17	25/22/53
	Comilla	27	3	16/52/31	17	3	0/9/91	26	24	14/33/53
	Cox's Bazar	26	2	32/32/36	20	3	0/11/89	14	12	23/19/58
	Feni	27	2	15/49/36	17	3	0/13/87	28	24	24/31/45
	Khagrachhari	27	1	24/43/33	17	3	4/33/63	26	23	19/38/43
Khuina	Lakshmipur	28	4	8/38/54	17	3	0/8/92	24	20	9/33/58
	Noakhali	27	3	11/44/45	18	3	0/7/93	18	15	26/18/56
	Rangamati	25	1	22/43/36	16	2	12/35/53	21	18	20/28/51
	Bagerhat	27	4	12/34/54	18	3	0/19/81	36	33	1/34/65
	Chuadanga	26	3	6/44/49	17	3	0/10/90	23	21	1/34/65
	Jessore	27	4	7/37/56	17	3	0/9/91	31	29	1/46/53
	Jhenaidah	26	3	10/41/48	17	3	0/10/90	22	20	1/35/64
	Khulna	26	3	8/35/57	17	3	0/20/80	35	32	1/34/65
	Kushtia	25	2	10/43/47	17	3	0/10/90	15	13	2/33/66
	Magura	26	3	11/46/43	17	3	0/10/90	26	24	0/43/57
Barisal	Meherpur	26	3	2/52/46	16	3	0/10/90	21	19	0/30/70
	Narail	27	3	11/41/47	17	3	0/9/91	27	25	0/46/54
	Satkhira	26	3	8/36/56	18	3	0/24/76	40	38	1/34/65
	Barguna	27	4	12/34/54	18	3	0/7/93	40	36	13/21/66
	Barisal	27	3	8/46/46	17	3	0/8/92	27	24	4/33/64
	Bhola	27	3	12/42/46	18	3	0/3/97	22	18	4/32/64
	Jhalokati	28	4	8/40/52	17	3	0/7/93	30	27	3/31/66
Sylhet	Patuakhali	27	3	12/37/52	18	3	0/6/94	26	23	3/32/65
	Pirojpur	28	4	8/40/52	17	3	0/16/84	30	28	19/15/67
	Habiganj	26	1	20/42/39	18	3	0/35/65	14	12	27/27/46
	Maulvibazar	26	1	4/60/36	18	3	0/45/55	20	18	24/28/48
Sunamganj	26	2	4/25/71	17	3	0/19/81	9	8	26/26/49	
Sylhet	27	2	4/40/56	16	2	1/41/58	13	12	23/32/45	

2.6 Guidance

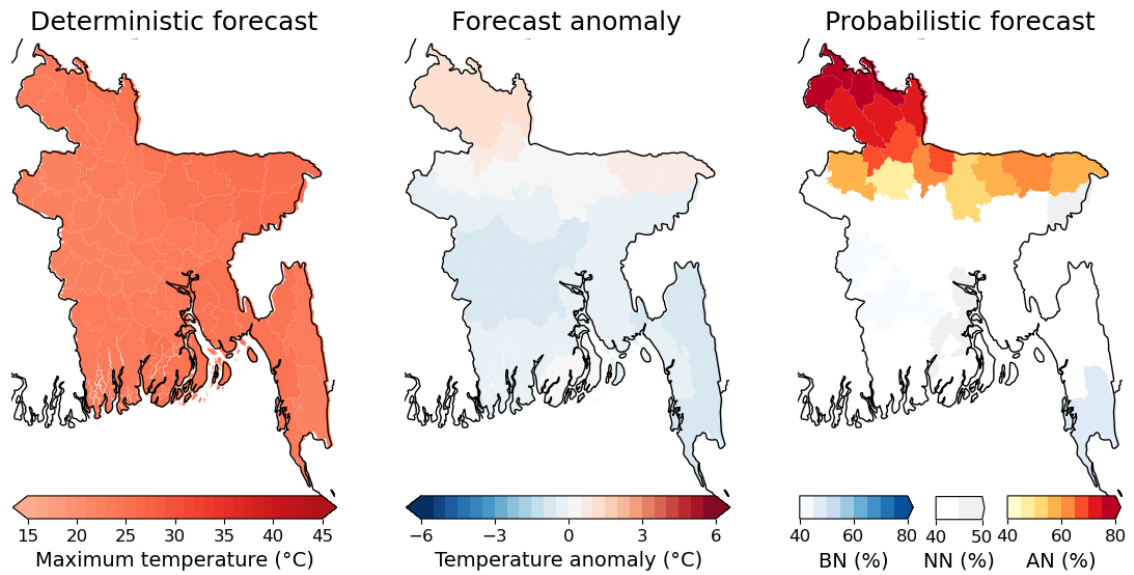
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 09.01.2024 to 22.01.2024)

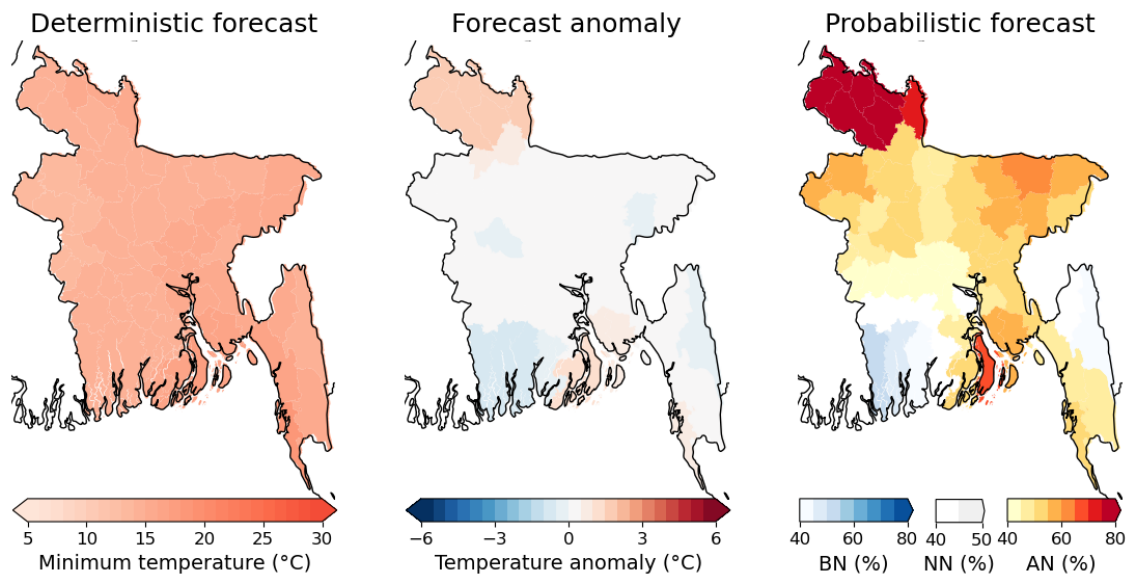
3.2 Significant Information

- Add here the text for significant information.

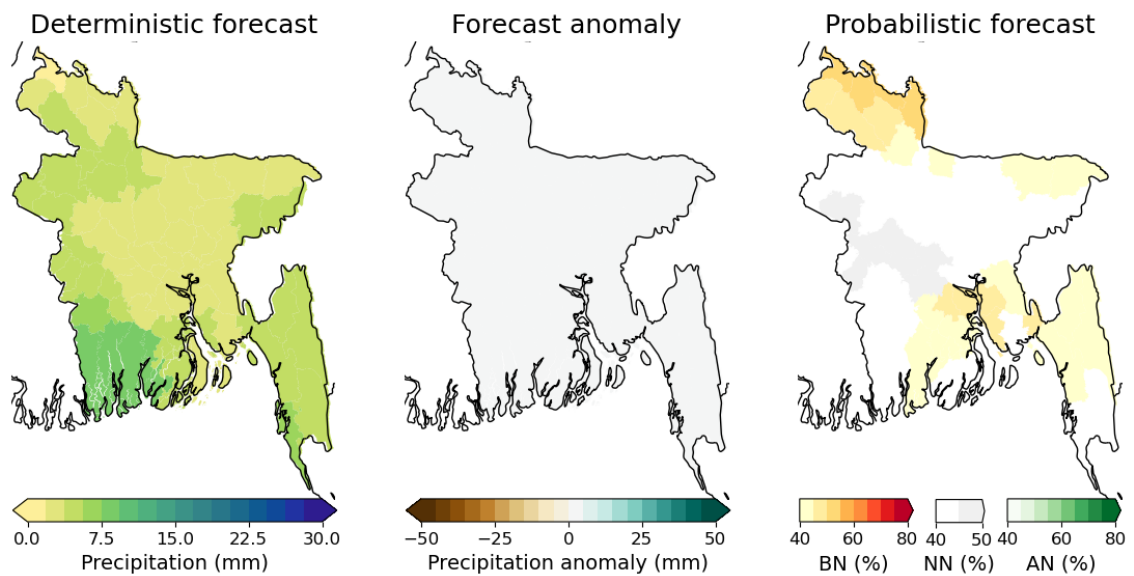
3.2 Maximum Temperature



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	23	-1	34/44/22	15	0	28/27/45	2	1	38/35/27
	Faridpur	23	-1	38/40/21	15	0	27/28/44	3	1	28/47/24
	Gazipur	24	-1	31/42/27	15	0	27/21/52	2	1	38/35/26
	Gopalganj	23	-1	41/40/19	15	0	27/34/38	3	1	41/32/27
	Kishoreganj	24	0	27/38/35	15	0	31/11/57	2	1	38/38/23
	Madaripur	23	-1	35/45/20	15	0	27/32/40	4	1	47/26/26
	Manikganj	23	-1	33/43/24	15	0	27/28/45	3	1	29/45/26
	Munshiganj	24	0	32/45/22	15	0	28/30/42	3	1	38/36/26
	Narayanganj	24	0	35/41/24	15	0	28/21/52	3	1	39/36/24
	Narsingdi	24	0	34/42/24	15	0	27/21/51	2	1	36/40/23
	Rajbari	23	-1	34/43/23	14	0	27/28/45	4	1	25/48/27
Shariatpur	24	0	34/46/20	15	0	25/35/40	4	1	48/24/28	
Rajshahi	Bogra	23	0	10/43/47	14	0	27/21/52	4	2	37/34/29
	Joypurhat	23	1	10/21/69	14	1	19/26/55	4	2	40/33/27
	Naogaon	23	0	10/34/56	14	0	27/17/56	5	3	36/36/28
	Natore	23	0	28/33/39	14	0	28/23/49	3	2	33/35/32
	Nawabganj	22	0	23/38/39	13	0	26/18/56	5	4	28/40/32
	Pabna	22	-1	35/35/30	14	0	27/22/51	3	2	27/47/26
	Rajshahi	22	0	28/32/40	14	0	27/19/54	5	3	24/46/31
	Sirajganj	23	0	26/35/39	14	0	26/20/54	4	1	32/42/26
Rangpur	Dinajpur	24	1	4/23/73	15	2	2/15/83	4	1	45/24/31
	Gaibandha	24	1	9/24/68	15	1	11/34/55	4	2	43/30/28
	Kurigram	24	1	4/25/71	15	2	2/23/75	3	1	53/19/29
	Lalmonirhat	24	1	4/20/76	15	2	3/19/78	2	0	51/24/24
	Nilphamari	25	1	4/18/78	15	2	2/16/82	3	1	50/26/23
	Panchagarh	24	1	4/20/76	15	2	4/19/77	0	0	50/25/24
	Rangpur	24	1	4/24/71	15	2	2/19/79	4	1	47/22/31
	Thakurgaon	24	1	5/16/79	14	2	3/14/83	2	1	46/31/22
Mymensingh	Jamalpur	24	0	9/30/62	14	0	27/23/50	4	2	39/35/27
	Mymensingh	24	0	14/31/54	15	0	29/19/51	4	2	34/37/29
	Netrakona	25	0	9/31/59	15	0	31/13/56	3	2	38/34/28
	Sherpur	24	0	7/24/68	14	0	29/24/47	4	2	43/31/26
Chittagong	Bandarban	23	-1	47/27/26	16	0	36/16/48	5	1	33/39/28
	Brahamanbaria	24	0	33/42/25	15	0	27/22/51	3	1	39/39/21
	Chandpur	24	0	32/41/27	15	0	26/25/49	4	1	48/24/28
	Chittagong	24	0	35/31/34	17	0	26/24/49	5	1	44/28/28
	Comilla	24	0	34/42/24	15	0	28/20/52	3	1	44/34/22
	Cox's Bazar	24	-1	48/28/23	18	1	20/30/50	6	1	34/39/28
	Feni	25	-1	32/40/28	16	0	28/21/51	4	1	46/25/29
	Khagrachhari	25	-1	39/34/27	15	0	39/24/37	4	0	43/27/30
	Lakshmipur	24	0	29/41/30	16	1	11/31/58	4	1	46/25/29
	Noakhali	24	0	31/32/36	17	1	11/33/56	3	1	38/35/27
Rangamati	24	-1	31/36/33	15	0	43/18/39	4	0	43/27/30	
Khulna	Bagerhat	24	0	31/43/25	15	-1	41/26/32	9	2	43/30/27
	Chuadanga	23	-1	42/30/28	14	0	27/29/43	4	1	24/46/30
	Jessore	23	-1	44/33/24	14	0	32/32/37	6	2	36/36/28
	Jhenaidah	23	-1	40/36/25	14	0	27/32/41	4	1	28/41/31
	Khulna	23	0	33/44/23	15	-1	46/23/31	8	2	36/39/25
	Kushtia	22	-1	41/30/29	14	0	27/24/49	4	2	26/47/27
	Magura	23	-1	40/39/20	15	0	27/33/40	5	1	31/44/24
	Meherpur	22	-1	41/32/27	14	0	27/24/48	4	1	24/44/32
	Narail	23	-1	41/39/19	15	0	27/35/37	5	1	37/35/28
	Satkhira	23	0	36/37/27	15	-1	50/18/32	9	1	35/41/24
Barisal	Barguna	24	0	27/39/34	15	0	37/30/33	9	2	36/37/27
	Barisal	24	0	30/45/25	15	0	23/32/45	4	1	45/26/29
	Bhola	24	0	30/35/35	17	1	1/33/66	3	1	39/34/27
	Jhalokati	24	0	28/44/27	15	0	28/35/37	5	1	44/28/28
	Patuakhali	24	0	26/38/36	17	1	23/26/51	6	1	37/36/27
	Pirojpur	24	0	31/45/24	15	0	37/29/34	8	2	41/32/27
Sylhet	Habiganj	25	0	27/41/32	15	0	31/10/59	4	1	34/43/23
	Maulvibazar	25	0	21/46/33	15	0	32/17/51	4	1	39/37/23

	Sunamganj	25	1	6/31/63	15	0	30/7/63	2	1	42/30/28
	Sylhet	26	1	10/34/55	15	0	32/9/58	3	1	42/32/26

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: <ul style="list-style-type: none"> 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)