



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 02 January 2024

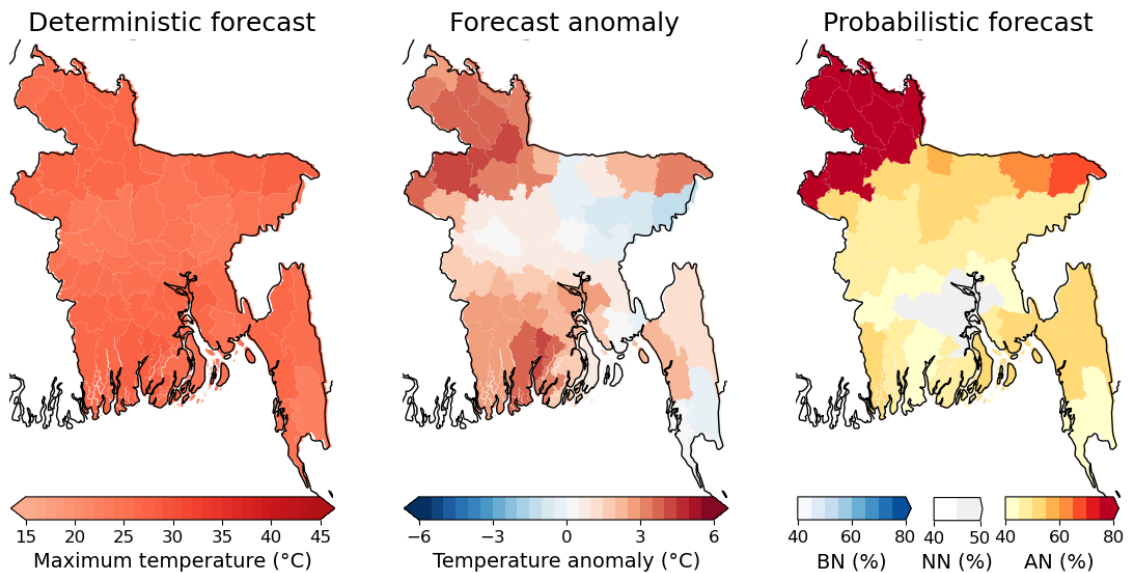
Subject: Experimental Sub-seasonal forecast for Bangladesh during 02.01.2024 to 29.01.2024

1. Weather Forecast for week 1 (Period: 02.01.2024 to 08.01.2024)

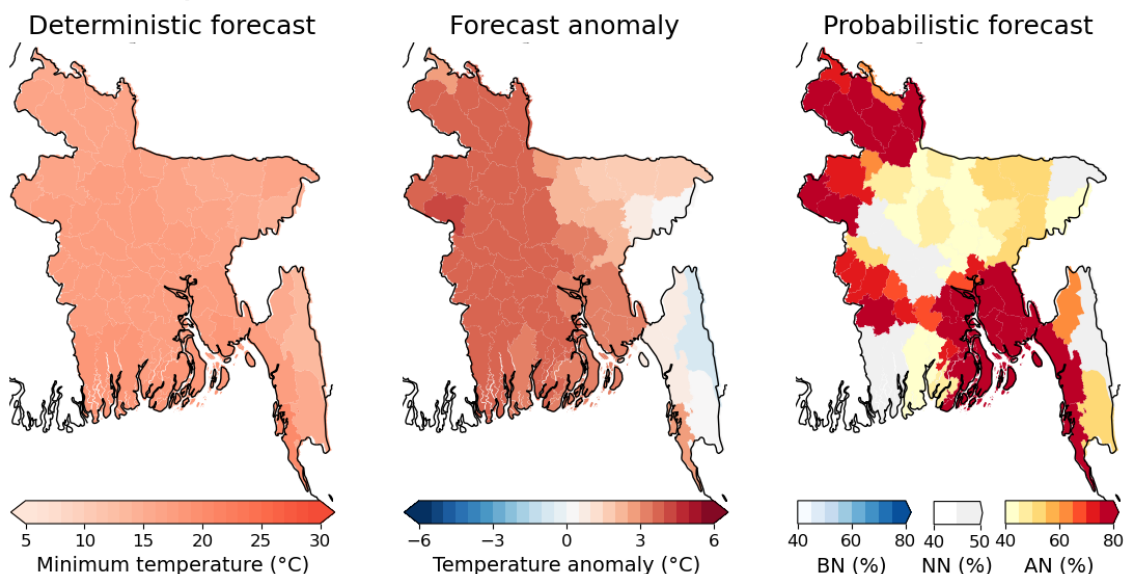
1.1 Significant Information

- Add here the text for significant information.

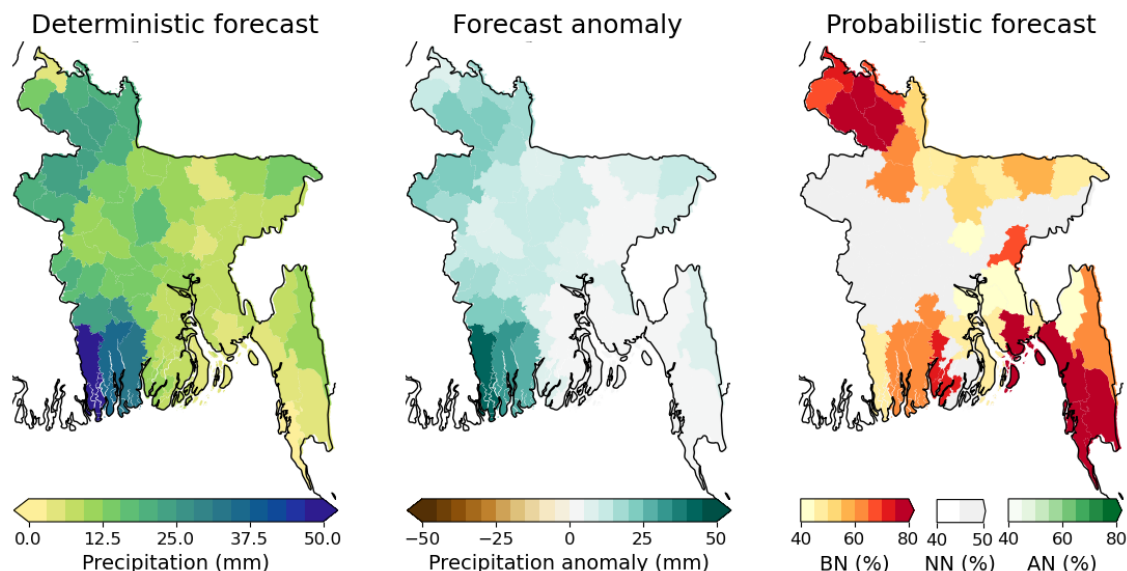
1.2 Maximum Temperature



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	1	29/25/46	18	4	0/55/45	10	8	37/52/11
	Faridpur	25	2	21/37/43	18	4	0/62/38	14	12	32/61/7
	Gazipur	24	0	33/18/49	18	3	4/53/43	7	5	41/50/9
	Gopalganj	26	3	17/54/30	18	4	0/31/69	13	10	62/32/7
	Kishoreganj	24	-1	25/25/50	17	2	12/39/49	7	5	21/71/8
	Madaripur	26	2	17/50/34	18	4	0/25/75	7	5	38/56/6
	Manikganj	24	1	25/27/48	18	4	0/63/37	16	14	34/55/11
	Munshiganj	26	1	17/45/38	18	3	0/30/70	11	9	37/56/7
	Narayanganj	25	1	21/38/41	18	3	0/28/72	10	8	0/90/10
	Narsingdi	24	0	29/24/47	18	3	0/56/44	6	4	38/54/8
	Rajbari	24	1	21/31/48	18	4	0/66/34	13	11	0/88/12
Shariatpur	27	3	12/55/33	18	3	0/21/79	7	4	44/50/7	
Rajshahi	Bogra	27	3	0/46/54	17	4	0/51/49	13	12	62/29/8
	Joypurhat	27	4	0/5/95	17	4	0/36/63	24	23	33/58/8
	Naogaon	27	4	0/11/89	17	4	0/26/74	23	22	21/71/8
	Natore	24	1	8/43/49	17	4	0/67/33	10	9	0/90/10
	Nawabganj	26	4	0/18/82	17	4	0/21/79	22	20	0/88/12
	Pabna	24	0	25/25/50	18	4	0/75/25	10	9	31/59/10
	Rajshahi	25	2	4/44/52	17	4	0/25/75	20	18	0/89/11
	Sirajganj	24	1	25/26/49	18	4	0/56/44	13	12	35/56/9
Rangpur	Dinajpur	26	4	0/0/100	16	4	0/14/86	23	21	77/19/4
	Gaibandha	27	4	0/1/99	17	4	0/20/80	19	18	60/35/4
	Kurigram	26	3	0/0/100	16	4	0/15/85	20	18	54/42/4
	Lalmonirhat	26	3	0/0/100	16	4	0/37/63	19	18	69/27/4
	Nilphamari	27	4	0/0/100	17	4	0/24/76	19	18	75/21/4
	Panchagarh	25	3	0/0/100	15	3	0/27/73	6	5	74/22/4
	Rangpur	26	4	0/0/100	17	4	0/20/80	23	22	88/8/4
	Thakurgaon	26	3	0/0/100	16	4	0/17/83	13	12	65/31/4
Mymen- singh	Jamalpur	27	3	4/43/53	17	4	0/56/44	11	10	48/44/8
	Mymen- singh	24	0	12/38/50	17	2	17/42/42	12	11	54/38/8
	Netrakona	25	1	0/50/50	16	2	17/33/50	5	4	47/48/4
	Sherpur	26	2	0/42/58	16	3	0/53/47	10	8	45/51/4
Chitta- gong	Bandarban	23	0	12/44/43	15	0	1/48/51	5	3	88/12/0
	Brahamanba ria	24	0	25/29/46	17	2	0/46/54	8	5	69/26/5
	Chandpur	27	3	4/58/38	18	3	0/12/88	7	5	44/51/6
	Chittagong	27	2	12/38/50	17	1	0/21/79	4	1	86/14/0
	Comilla	25	1	12/43/45	18	3	0/11/89	9	6	41/54/6
	Cox's Bazar	25	0	21/37/43	20	3	0/2/98	2	0	94/6/0

	Feni	25	0	17/33/50	18	3	0/2/98	7	3	46/49/5
	Khagrachhari	27	1	25/25/50	15	1	0/36/64	8	4	41/53/6
	Lakshmipur	26	2	12/39/48	18	3	0/6/94	7	3	45/50/5
	Noakhali	25	0	17/33/50	19	3	0/2/98	4	2	89/6/5
	Rangamati	26	1	8/38/54	14	-1	0/67/33	12	9	61/35/4
Khulna	Bagerhat	28	4	4/51/45	18	3	0/59/41	32	28	63/37/0
	Chuadanga	25	2	8/43/49	17	4	0/29/71	19	17	0/85/15
	Jessore	27	3	12/43/45	18	4	0/24/76	23	20	17/75/9
	Jhenaidah	25	2	4/49/47	18	4	0/30/70	17	15	0/92/8
	Khulna	27	3	4/50/46	18	4	4/57/39	35	30	62/37/1
	Kushtia	24	1	17/34/49	17	4	0/48/52	12	11	0/88/12
	Magura	26	2	12/44/44	18	4	0/31/69	15	13	0/91/9
	Meherpur	25	2	8/43/49	17	4	0/29/71	16	15	0/84/16
	Narail	26	3	12/51/36	18	4	0/26/74	25	22	0/92/8
	Satkhira	27	3	4/44/52	19	4	4/69/27	48	42	49/50/1
	Barisal	Barguna	27	3	4/47/49	19	4	0/50/50	10	6
Barisal		27	2	12/49/38	18	4	0/8/92	7	4	46/49/5
Bhola		25	1	33/17/50	19	3	0/0/100	6	3	47/53/0
Jhalokati		28	4	8/45/47	18	4	0/29/71	7	4	0/99/1
Patuakhali		26	2	21/30/50	19	3	0/4/96	8	4	0/99/1
Pirojpur		29	4	4/55/41	18	4	0/56/44	10	7	74/25/1
Sylhet	Habiganj	24	-1	21/30/50	15	1	8/42/50	6	4	15/80/5
	Maulvibazar	24	-1	0/51/49	15	0	4/51/45	9	7	3/92/5
	Sunamganj	27	2	0/38/62	16	2	12/38/50	10	9	56/40/4
	Sylhet	28	3	0/30/70	16	2	0/61/39	15	14	47/48/5

1.6 Guidance

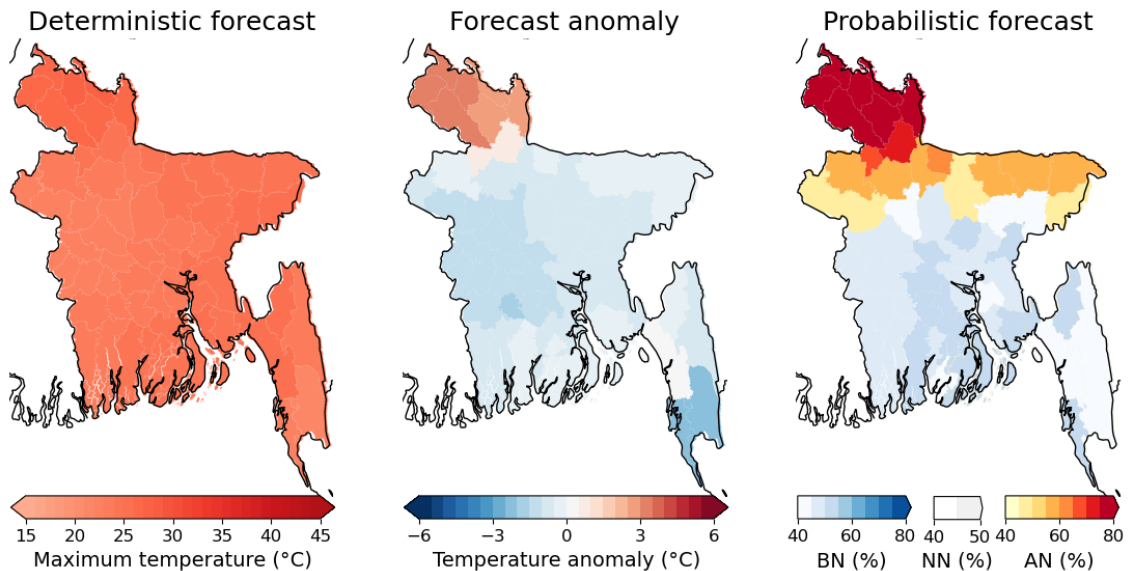
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 09.01.2024 to 15.01.2024)

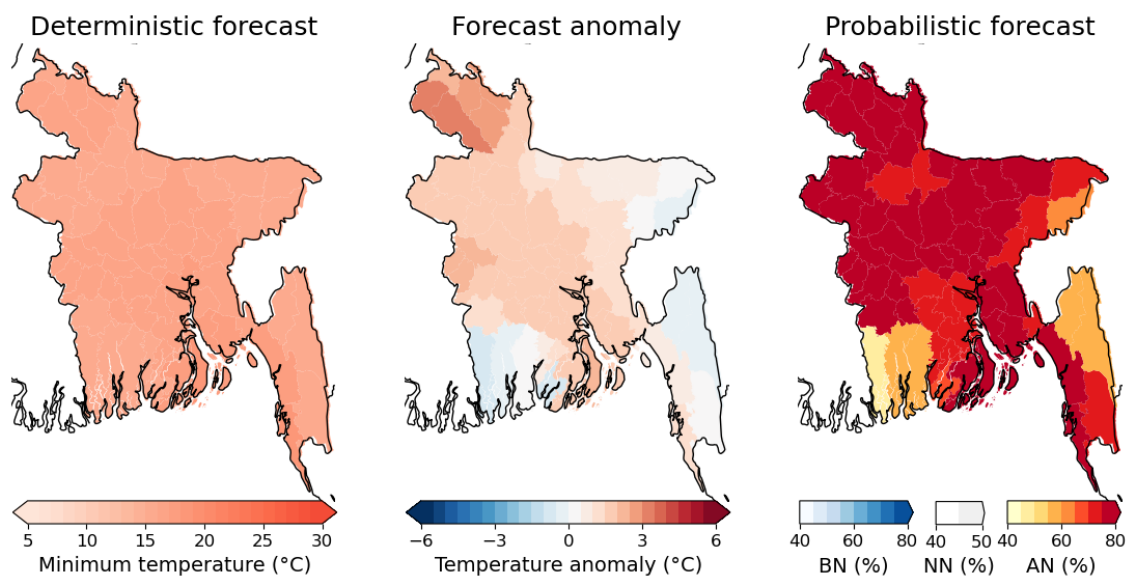
2.1 Significant Information

- Add here the text for significant information.

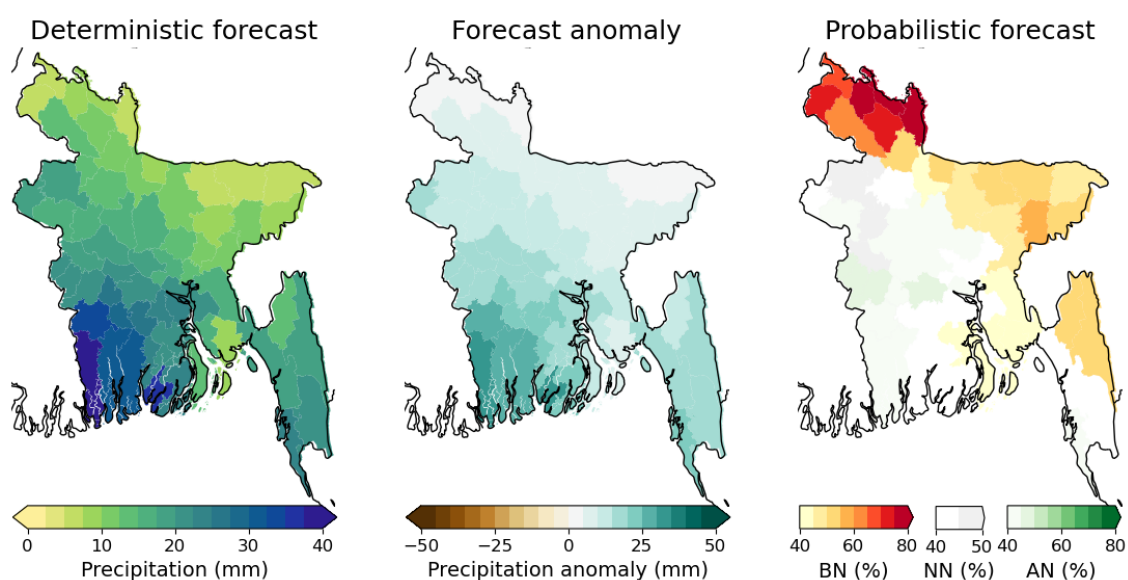
2.2 Maximum Temperature



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	24	-1	46/16/39	17	2	4/19/77	15	13	33/30/37
	Faridpur	23	-1	50/17/33	17	2	4/21/74	22	19	32/21/47
	Gazipur	24	-1	50/5/45	17	2	5/17/78	14	12	35/24/41
	Gopalganj	23	-1	50/26/23	17	2	4/21/75	27	23	36/26/38
	Kishoreganj	25	-1	42/13/45	17	1	8/16/76	8	7	50/19/32
	Madaripur	24	-1	50/24/26	17	2	4/22/73	25	20	39/23/37
	Manikganj	23	-1	50/9/41	17	2	8/14/77	20	17	34/24/42
	Munshiganj	24	-1	46/21/34	17	2	0/26/74	21	18	35/24/41
	Narayanganj	24	-1	46/18/36	17	2	0/24/76	15	13	36/27/38
	Narsingdi	24	-1	46/12/43	17	1	5/19/76	11	9	36/28/37
	Rajbari	23	-1	46/16/38	17	2	4/20/75	21	18	27/31/42
Shariatpur	24	-1	46/29/25	17	2	0/25/75	23	19	36/32/32	
Rajshahi	Bogra	23	-1	29/15/56	16	2	0/25/74	14	11	33/33/34
	Joypurhat	24	1	4/27/69	16	2	0/21/79	15	11	17/66/17
	Naogaon	23	0	12/28/59	16	2	0/21/79	18	14	4/61/35
	Natore	22	-1	38/17/45	16	2	4/18/78	16	14	4/57/39
	Nawabganj	23	-1	21/30/48	16	2	4/12/84	19	15	23/39/37

Rangpur	Pabna	23	-1	46/10/44	16	2	4/17/78	18	15	28/30/42
	Rajshahi	22	-1	34/17/49	16	2	4/16/79	17	14	4/56/40
	Sirajganj	23	-1	42/12/46	16	2	8/14/78	17	14	31/26/43
	Dinajpur	27	3	0/5/95	17	3	0/8/92	13	9	61/26/12
	Gaibandha	25	1	4/23/73	16	2	3/18/79	12	9	53/35/12
	Kurigram	27	3	0/7/93	16	2	1/15/84	7	4	77/16/7
	Lalmonirhat	27	3	0/3/97	17	3	1/15/84	9	5	77/19/3
	Nilphamari	27	3	0/6/94	17	3	2/13/85	8	5	77/19/3
	Panchagarh	27	3	0/6/94	16	2	6/17/78	7	5	69/23/8
Rangpur	27	3	0/6/94	16	3	2/8/90	11	7	74/15/11	
Thakurgaon	27	3	0/5/95	17	3	3/11/85	6	3	74/21/5	
Mymen-singh	Jamalpur	24	-1	21/22/57	16	1	5/20/75	12	9	43/24/33
	Mymen-singh	24	-1	29/23/48	16	1	5/18/77	10	8	48/15/36
	Netrakona	25	0	25/17/58	16	1	8/11/80	7	6	50/23/26
	Sherpur	24	0	21/19/60	15	1	6/18/76	9	7	54/21/24
Chitta-gong	Bandarban	22	-2	42/17/42	16	0	8/21/71	20	20	39/23/38
	Brahamanbaria	24	-1	50/7/43	17	1	6/19/75	12	10	47/30/23
	Chandpur	24	-1	42/29/30	17	2	0/21/78	22	18	39/30/32
	Chittagong	25	0	42/11/48	17	1	0/25/75	20	19	34/29/36
	Comilla	24	-1	46/16/39	17	1	1/21/78	17	15	41/32/27
	Cox's Bazar	22	-2	50/13/37	19	1	0/16/84	24	23	39/21/40
	Feni	25	-1	50/5/45	17	1	0/26/73	19	17	45/32/23
	Khagrachhari	26	0	50/1/49	16	0	9/33/58	15	13	51/30/19
	Lakshmipur	25	0	46/10/45	18	2	0/12/88	16	14	42/30/28
	Noakhali	25	0	50/1/49	18	2	0/15/85	10	9	44/28/28
Rangamati	24	-1	42/10/49	15	0	17/24/59	18	17	53/10/37	
Khulna	Bagerhat	24	0	50/20/29	16	0	13/30/57	30	27	32/35/33
	Chuadanga	23	-1	46/14/40	16	2	4/19/77	22	19	4/48/48
	Jessore	23	-1	46/23/31	16	1	4/19/76	34	30	4/53/43
	Jhenaidah	23	-1	46/17/37	16	2	4/19/77	22	19	4/49/47
	Khulna	24	-1	46/32/22	15	0	17/25/58	30	26	32/26/42
	Kushtia	23	-1	46/11/43	16	2	4/17/78	19	17	4/57/39
	Magura	23	-1	46/21/34	17	2	4/20/75	26	23	4/53/42
	Meherpur	23	-1	46/12/42	16	2	4/19/77	22	18	4/47/49
	Narail	23	-2	46/29/25	17	2	4/20/75	28	23	32/29/38
	Satkhira	24	-1	46/31/22	15	-1	18/34/48	38	34	31/26/43
Barisal	Barguna	24	0	42/15/44	15	-1	5/26/70	36	34	30/37/33
	Barisal	24	-1	50/20/30	17	2	0/25/74	20	17	40/27/33
	Bhola	25	0	50/1/49	18	2	0/10/90	13	11	43/25/32
	Jhalokati	25	0	50/15/35	16	1	5/21/73	22	19	38/34/28
	Patuakhali	24	0	50/2/48	18	2	5/17/79	23	21	36/32/32
Pirojpur	25	-1	46/23/30	16	1	5/21/73	24	21	33/38/28	
Sylhet	Habiganj	25	-1	42/15/44	15	0	8/17/74	11	8	57/20/23
	Maulvibazar	26	0	38/17/46	15	0	5/35/60	9	6	53/24/23
	Sunamganj	25	0	12/31/57	16	1	8/10/81	5	3	51/31/18
	Sylhet	25	0	12/32/55	15	0	5/25/71	6	3	46/35/19

2.6 Guidance

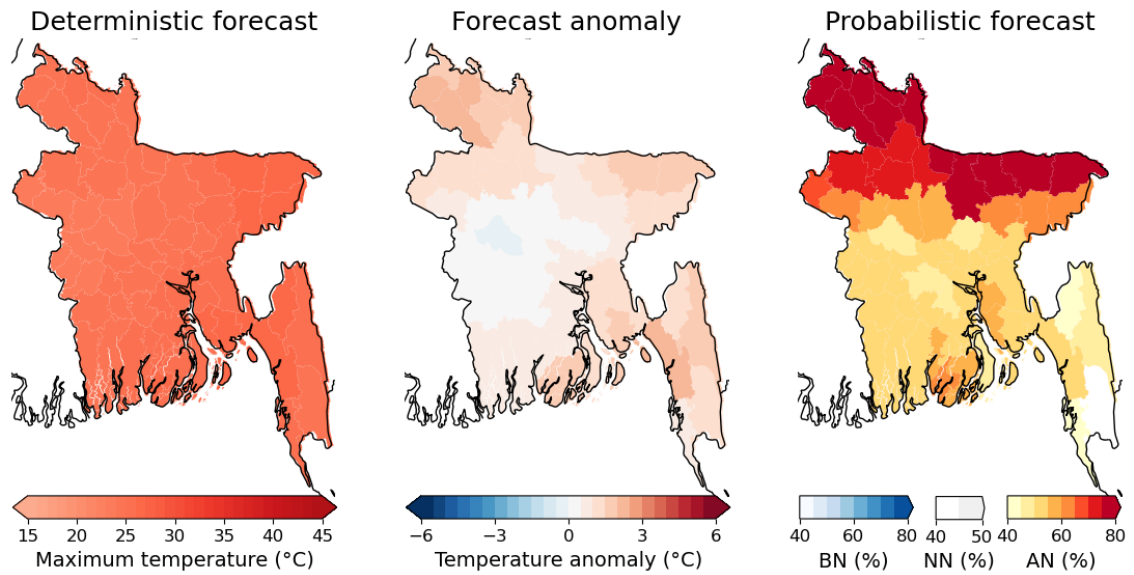
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 16.01.2024 to 29.01.2024)

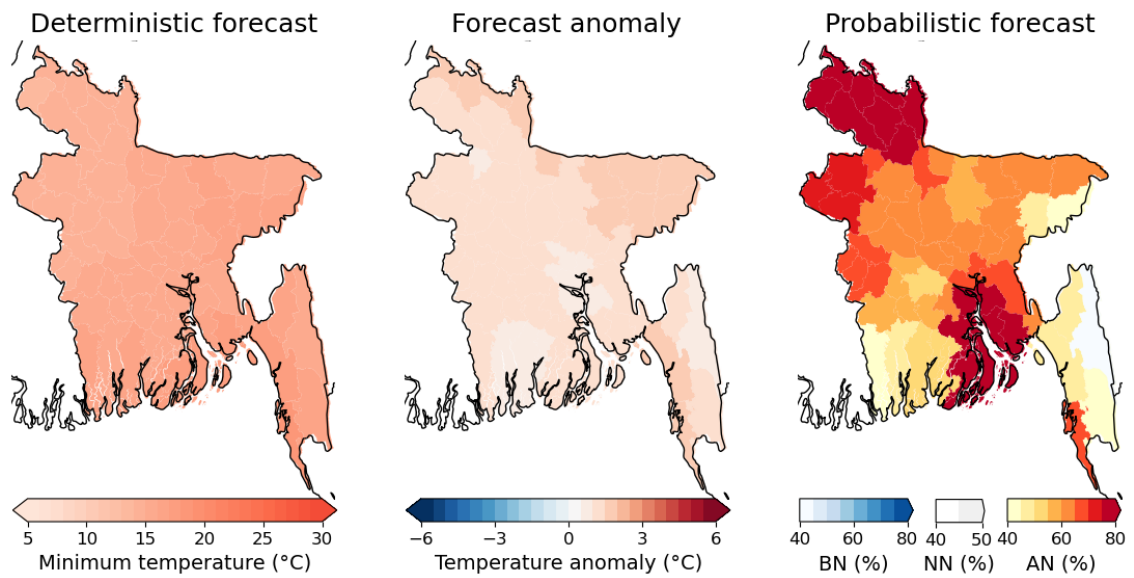
3.2 Significant Information

- Add here the text for significant information.

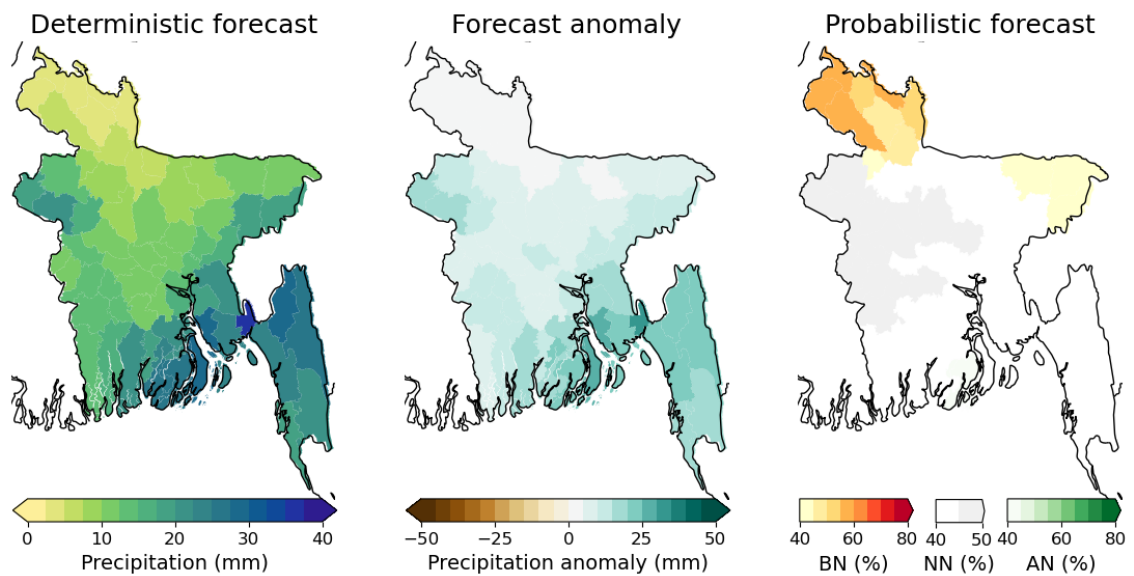
3.2 Maximum Temperature



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	25	1	17/33/50	16	1	12/26/62	11	9	27/42/31
	Faridpur	24	0	17/33/50	15	1	12/34/54	11	9	28/46/26
	Gazipur	25	0	24/27/49	16	1	12/25/63	10	9	22/46/32
	Gopalganj	25	0	19/30/52	15	1	12/30/57	11	10	32/41/27
	Kishoreganj	25	1	14/26/60	16	2	10/26/63	12	9	29/38/33
	Madaripur	25	1	20/34/47	15	1	12/26/62	11	9	30/42/28
	Manikganj	24	0	25/24/52	15	1	12/28/60	12	10	28/42/31
	Munshiganj	25	1	18/30/52	16	1	12/21/67	14	11	30/38/33
	Narayanganj	25	1	18/30/52	16	1	12/19/68	13	11	27/41/32
	Narsingdi	25	0	17/30/53	16	1	12/26/62	13	11	25/42/33
	Rajbari	24	0	25/24/52	15	1	12/28/60	11	9	30/40/30
Shariatpur	25	1	20/29/51	16	1	8/14/78	15	12	34/38/28	
Rajshahi	Bogra	25	1	16/14/70	15	1	14/22/64	8	5	31/44/25
	Joypurhat	25	1	8/18/74	14	1	2/28/70	8	5	45/31/25
	Naogaon	24	1	16/11/73	14	1	6/22/71	15	12	27/48/25
	Natore	24	0	15/27/59	15	1	15/21/64	16	14	23/48/28
	Nawabganj	24	1	16/19/65	14	1	10/18/72	19	16	23/50/26
	Pabna	23	0	24/27/49	15	1	11/29/60	12	9	25/46/30
	Rajshahi	24	1	16/23/61	15	1	10/18/71	22	19	22/51/26
	Sirajganj	24	0	19/23/58	15	1	11/26/63	9	6	22/48/30
Rangpur	Dinajpur	25	2	5/10/85	14	1	1/18/80	6	3	56/11/34
	Gaibandha	25	1	9/17/74	15	1	2/22/76	5	3	47/26/27
	Kurigram	25	2	7/7/85	15	2	1/9/90	4	2	55/14/32
	Lalmonirhat	25	2	6/8/85	15	2	1/13/85	4	1	55/21/24
	Nilphamari	25	2	7/8/85	15	2	1/12/86	5	2	55/21/24
	Panchagarh	24	2	7/12/81	14	2	1/21/78	3	2	57/21/22
	Rangpur	25	2	6/10/84	14	1	2/14/84	5	2	50/20/31
	Thakurgaon	25	2	6/9/85	14	1	1/14/84	4	3	57/20/24
Mymensingh	Jamalpur	25	1	15/15/70	15	1	11/24/65	7	4	36/38/26
	Mymensingh	25	1	13/12/75	16	1	10/31/58	9	5	30/39/31
	Netrakona	26	1	11/12/77	16	2	9/29/61	8	5	34/35/31
	Sherpur	25	1	11/14/75	15	2	6/31/62	6	3	37/34/28
Chittagong	Bandarban	25	1	24/37/40	16	1	31/26/44	22	19	32/32/36
	Brahamanbaria	25	1	17/30/54	16	1	11/28/61	16	14	26/41/33
	Chandpur	26	1	19/25/56	16	1	8/13/79	20	17	34/39/27
	Chittagong	27	2	14/33/53	18	2	18/37/46	25	21	33/31/36
	Comilla	26	1	17/29/55	16	1	8/26/67	22	19	33/35/31
	Cox's Bazar	25	1	27/32/41	19	2	6/27/67	19	15	32/32/36
	Feni	27	1	13/34/52	16	1	7/31/61	35	31	33/39/28
	Khagrachhari	27	1	22/34/44	16	1	27/26/47	28	24	33/43/23
	Lakshmipur	26	1	16/27/57	16	1	3/16/81	29	25	35/27/38
	Noakhali	26	2	13/34/52	17	1	2/15/83	23	21	33/30/36
Rangamati	26	2	18/34/48	15	1	43/15/42	27	23	33/33/34	
Khulna	Bagerhat	25	1	16/29/55	16	1	15/33/51	22	16	34/26/39
	Chuadanga	24	0	19/28/54	15	1	6/25/69	11	9	23/47/30
	Jessore	24	0	21/24/54	15	1	13/28/59	15	11	29/46/25
	Jhenaidah	24	0	20/28/53	15	1	13/19/68	13	11	27/47/26
	Khulna	25	1	18/29/53	16	1	15/39/45	17	13	28/41/31
	Kushtia	24	0	23/27/50	15	1	10/21/69	13	10	22/47/31
	Magura	24	0	21/29/50	15	1	13/28/59	13	10	30/45/25
	Meherpur	24	0	19/28/54	15	1	6/27/68	10	8	22/47/31
	Narail	24	0	18/30/52	15	1	13/28/59	13	10	32/41/27
	Satkhira	25	1	25/22/54	16	1	32/27/41	15	9	29/40/31
Barisal	Barguna	26	2	16/21/63	16	1	10/39/51	26	20	30/31/39
	Barisal	26	1	18/29/53	16	1	8/11/81	22	19	36/33/32
	Bhola	26	1	20/31/49	17	1	1/12/87	28	25	34/26/40
	Jhalokati	26	1	17/28/55	16	1	11/34/55	25	21	35/30/35
	Patuakhali	26	2	21/22/56	17	1	6/13/81	27	22	31/28/41
	Pirojpur	26	1	18/23/59	16	1	11/39/50	18	13	35/30/35
Sylhet	Habiganj	26	1	14/25/61	17	2	14/39/47	18	15	38/30/32
	Maulvibazar	27	1	13/26/61	17	2	22/33/45	18	14	43/27/30

	Sunamganj	26	2	6/11/83	16	2	9/29/62	10	8	44/24/32
	Sylhet	26	2	13/10/77	16	2	9/26/64	11	10	44/25/32

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)