



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 29 December 2023

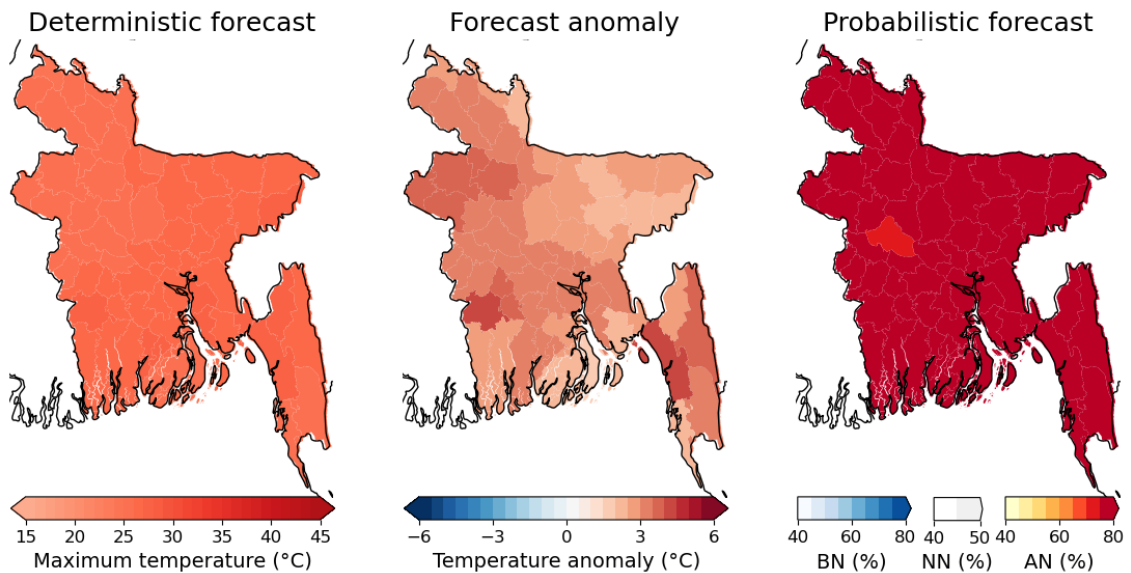
Subject: Experimental Sub-seasonal forecast for Bangladesh during 29.12.2023 to 25.01.2024

1. Weather Forecast for week 1 (Period: 29.12.2023 to 04.01.2024)

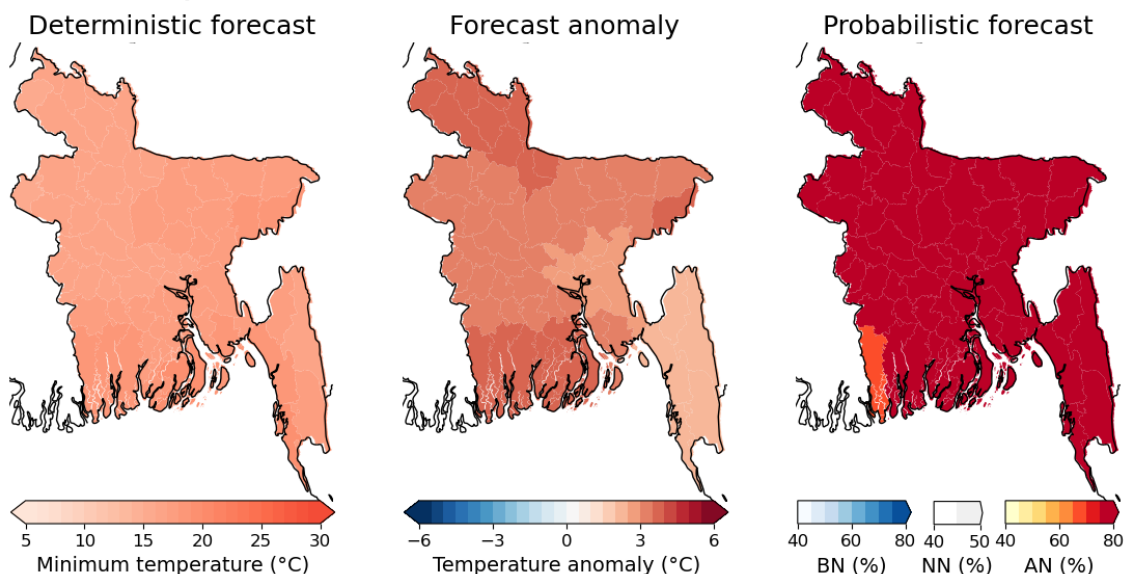
1.1 Significant Information

- Add here the text for significant information.

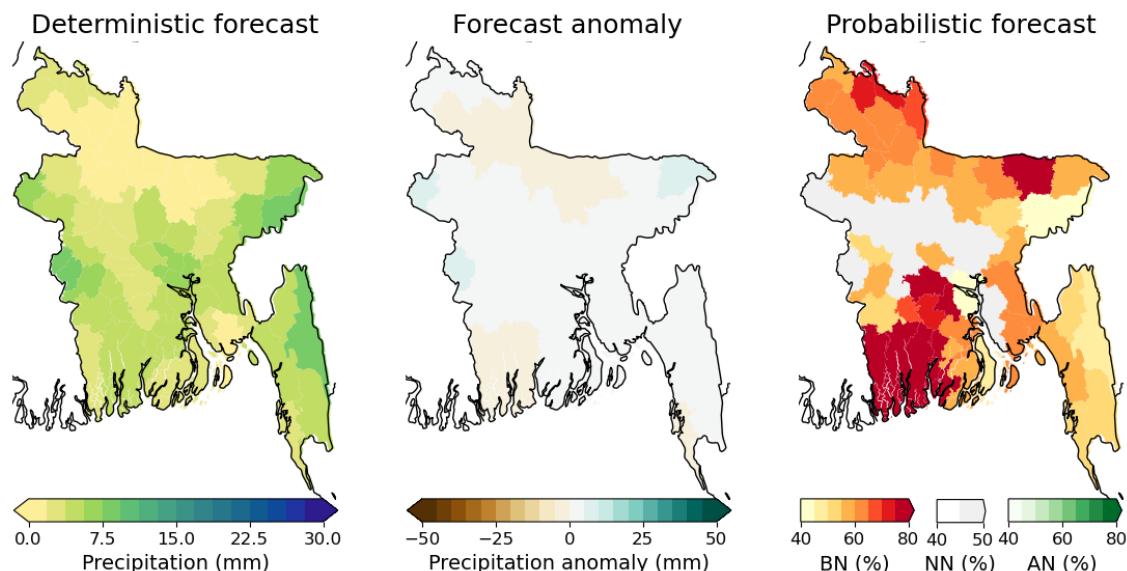
1.2 Maximum Temperature



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	0/14/86	17	3	0/8/92	6	4	31/66/3
	Faridpur	26	3	0/8/92	17	3	0/2/98	4	1	80/16/3
	Gazipur	26	3	0/17/83	17	3	0/6/94	4	3	30/67/3
	Gopalganj	27	3	0/8/92	17	3	0/0/100	3	1	74/23/4
	Kishoreganj	26	2	0/0/100	18	3	0/5/95	2	1	52/43/4
	Madaripur	26	3	0/3/97	17	3	0/2/98	4	1	83/13/4
	Manikganj	26	3	0/17/83	17	3	2/5/94	4	2	57/40/3
	Munshiganj	27	3	0/3/97	17	3	0/5/95	7	4	44/53/3
	Narayanganj	27	3	0/3/97	17	3	0/5/95	7	5	30/67/3
	Narsingdi	26	3	0/3/97	17	3	0/6/94	3	2	30/67/3
	Rajbari	26	3	0/17/83	17	3	0/2/98	4	2	31/65/5
Shariatpur	27	3	0/0/100	17	3	0/3/97	5	2	44/53/4	
Rajshahi	Bogra	26	4	0/0/100	17	3	0/2/98	0	0	56/39/5
	Joypurhat	26	4	0/0/100	16	3	0/2/98	0	0	63/30/6
	Naogaon	26	4	0/0/100	16	3	2/2/97	2	1	56/39/5
	Natore	26	3	0/3/97	17	3	0/2/98	2	1	29/67/5
	Nawabganj	25	4	0/0/100	16	3	3/14/83	7	6	29/68/4
	Pabna	25	3	0/28/72	17	3	0/3/97	3	1	29/67/5
	Rajshahi	25	4	0/0/100	16	3	0/5/95	5	3	27/68/5
	Sirajganj	26	3	0/6/94	17	3	0/6/94	4	2	29/67/5
Rangpur	Dinajpur	25	3	0/0/100	16	4	2/14/84	0	-1	62/37/2
	Gaibandha	26	3	0/0/100	16	4	0/2/98	0	-1	63/34/3
	Kurigram	25	2	0/0/100	16	4	0/0/100	0	-2	65/33/2
	Lalmonirhat	25	3	0/0/100	16	4	0/10/90	2	1	71/28/2
	Nilphamari	26	3	0/0/100	16	4	2/19/79	3	1	72/27/2
	Panchagarh	25	3	0/0/100	16	4	0/3/97	3	2	57/34/10
	Rangpur	25	3	0/0/100	16	4	0/8/92	0	-1	63/35/2
	Thakurgaon	25	3	0/0/100	16	4	2/6/92	2	1	65/32/3
Mymen- singh	Jamalpur	26	3	0/0/100	17	4	0/8/92	0	-1	59/39/2
	Mymen- singh	26	3	0/0/100	17	3	0/8/92	0	0	59/38/3
	Netrakona	26	2	0/0/100	17	3	0/5/95	0	-1	60/38/2
	Sherpur	26	3	0/0/100	17	4	0/10/90	0	-1	61/38/2
Chitta- gong	Bandarban	26	3	0/0/100	17	2	0/6/94	5	1	54/41/5
	Brahamanba ria	26	3	0/3/97	17	3	0/5/95	5	2	55/43/2
	Chandpur	27	3	0/0/100	17	3	0/2/98	5	2	33/65/2
	Chittagong	28	4	0/0/100	18	2	0/2/98	4	1	58/40/2
	Comilla	27	3	0/0/100	17	3	0/3/97	5	3	61/38/2
Cox's Bazar	26	2	0/0/100	20	2	0/2/98	2	-1	50/46/4	

	Feni	27	3	0/0/100	18	3	0/0/100	3	1	64/34/2
	Khagrachhari	27	3	0/0/100	17	2	0/2/98	5	2	51/47/2
	Lakshmipur	27	3	0/0/100	18	3	0/0/100	4	1	40/58/2
	Noakhali	26	2	0/3/97	19	3	0/0/100	2	0	62/37/2
	Rangamati	27	4	0/0/100	17	2	0/2/98	8	4	46/53/2
Khulna	Bagerhat	27	3	0/6/94	18	4	0/0/100	4	0	77/21/2
	Chuadanga	26	3	0/8/92	17	3	0/2/98	9	6	27/68/5
	Jessore	27	4	0/14/86	17	3	0/0/100	5	2	51/46/3
	Jhenaidah	26	3	0/11/89	17	3	0/2/98	6	3	56/39/5
	Khulna	26	3	0/8/92	18	4	0/8/92	4	0	78/20/2
	Kushtia	26	3	0/19/81	17	3	0/2/98	4	2	55/40/5
	Magura	26	4	0/8/92	17	3	0/2/98	4	2	29/67/5
	Meherpur	26	3	0/11/89	17	3	0/2/98	8	5	27/68/5
	Narail	27	4	0/8/92	17	3	0/2/98	4	1	66/30/4
	Satkhira	26	3	0/14/86	19	4	0/31/69	4	-1	77/16/7
	Barisal	Barguna	26	2	0/3/97	19	4	0/2/98	3	0
Barisal		27	3	0/3/97	18	4	0/0/100	5	2	60/38/2
Bhola		25	2	0/11/89	19	4	0/0/100	2	1	48/51/2
Jhalokati		27	3	0/3/97	18	4	0/0/100	4	1	55/43/2
Patuakhali		26	2	0/8/92	19	4	0/0/100	3	0	56/43/2
Pirojpur		27	3	0/3/97	18	4	0/0/100	4	0	84/14/2
Sylhet	Habiganj	27	2	0/0/100	18	3	0/3/97	6	4	44/54/2
	Maulvibazar	27	2	0/0/100	18	4	0/0/100	8	5	42/56/2
	Sunamganj	26	3	0/0/100	17	3	0/3/97	3	2	83/16/2
	Sylhet	26	3	0/3/97	17	3	0/1/99	7	6	57/41/2

1.6 Guidance

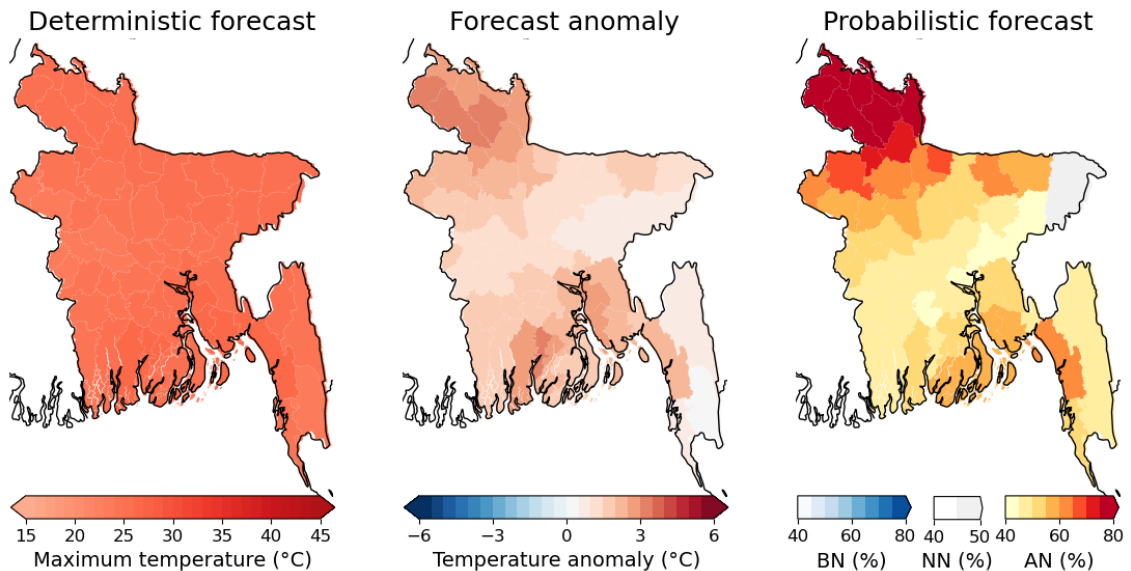
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 05.01.2024 to 11.01.2024)

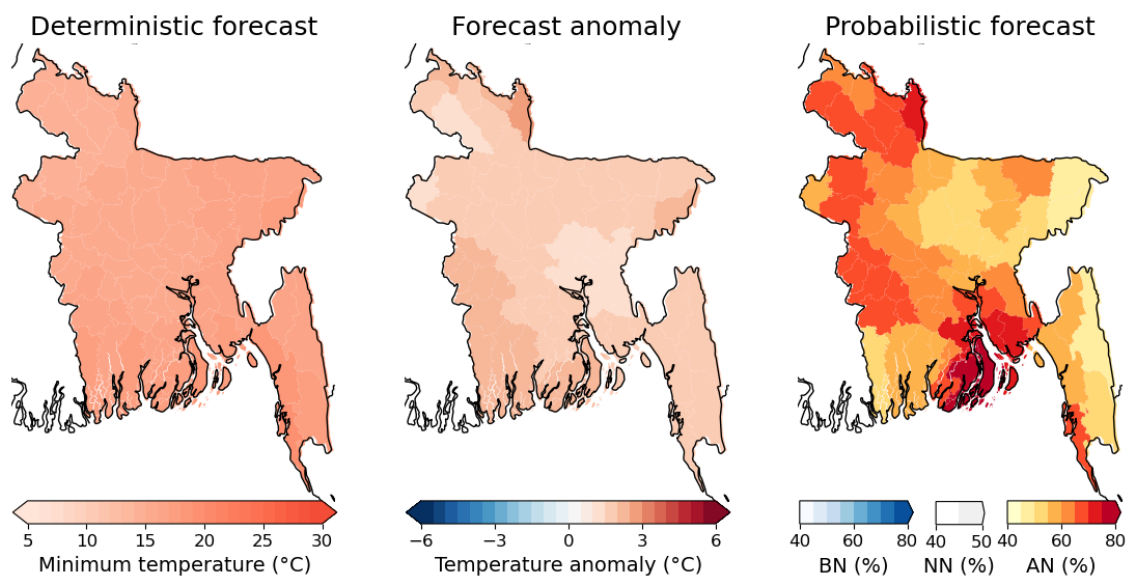
2.1 Significant Information

- Add here the text for significant information.

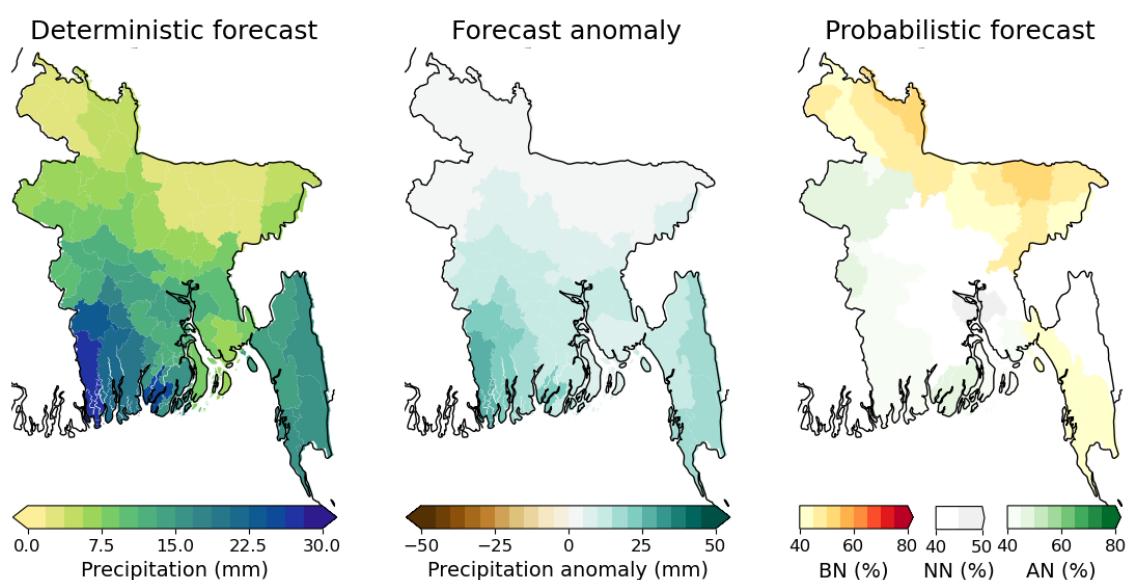
2.2 Maximum Temperature



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	1	31/24/45	16	1	21/20/60	9	8	25/40/35
	Faridpur	25	2	30/23/47	16	2	17/22/62	15	15	37/24/40
	Gazipur	24	1	28/26/46	16	1	22/25/53	7	7	25/37/38
	Gopalganj	25	2	30/27/43	16	2	16/21/64	12	12	27/38/35
	Kishoreganj	25	1	18/36/46	17	2	22/21/57	3	2	42/20/38
	Madaripur	25	2	29/25/46	16	2	18/18/64	14	14	35/35/30
	Manikganj	24	1	33/19/48	16	2	21/19/60	12	12	37/27/36
	Munshiganj	25	2	29/30/42	16	1	18/23/59	12	12	27/39/35
	Narayanganj	25	2	28/31/41	16	1	18/24/58	9	8	27/36/37
	Narsingdi	24	1	29/27/43	16	1	19/29/52	6	6	25/38/37
	Rajbari	24	1	31/19/49	16	2	19/17/64	14	14	17/40/42
Shariatpur	26	2	26/28/46	16	2	18/14/68	14	14	26/46/28	
Rajshahi	Bogra	25	2	11/25/64	15	2	17/21/62	7	6	37/16/46
	Joypurhat	25	3	6/20/74	15	2	18/17/65	6	4	38/19/43
	Naogaon	24	2	8/23/68	15	2	21/14/65	6	5	33/22/45
	Natore	24	2	17/24/59	15	2	14/22/63	9	7	17/36/46
	Nawabganj	24	2	13/22/64	14	1	17/24/59	7	4	17/38/45

Rangpur	Pabna	24	1	26/20/54	16	2	19/19/62	12	10	18/44/38
	Rajshahi	24	2	17/23/60	15	2	17/16/66	8	5	16/38/46
	Sirajganj	24	2	20/25/55	15	2	20/22/57	9	8	18/42/40
	Dinajpur	25	3	2/15/83	14	1	22/9/68	3	3	43/22/35
	Gaibandha	25	3	6/21/72	15	2	20/14/66	5	4	46/16/38
	Kurigram	26	3	3/13/84	15	3	17/8/74	4	4	55/20/25
	Lalmonirhat	26	3	3/17/81	15	2	21/13/66	5	4	51/25/24
	Nilphamari	26	3	4/16/80	14	2	25/11/63	3	2	50/24/26
	Panchagarh	25	3	3/15/82	15	2	21/15/64	2	2	43/27/30
Mymen-singh	Rangpur	25	3	3/18/79	14	2	21/12/67	5	4	47/25/28
	Thakurgaon	25	3	2/10/88	14	2	23/9/68	3	2	45/20/34
	Jamalpur	25	2	10/28/62	15	2	19/21/60	6	5	46/10/44
	Mymen-singh	25	1	15/31/54	16	2	22/24/55	4	2	45/17/38
Chitta-gong	Netrakona	26	1	12/25/64	16	2	13/28/59	2	1	49/14/37
	Sherpur	25	2	11/20/69	15	2	18/27/55	3	2	48/16/36
	Bandarban	24	0	34/20/46	17	2	10/39/51	17	16	41/18/41
	Brahamanbaria	25	1	28/30/43	16	1	19/29/52	8	7	45/18/37
	Chandpur	26	3	20/30/50	16	1	18/13/69	13	13	26/46/28
	Chittagong	26	2	23/17/61	18	2	13/28/59	15	14	44/16/40
	Comilla	26	2	19/31/50	16	1	18/19/63	11	11	37/33/30
	Cox's Bazar	24	1	32/17/51	19	2	9/22/70	16	15	44/14/43
	Feni	26	2	24/27/49	17	2	18/16/65	9	9	43/18/39
	Khagrachhari	26	1	25/26/48	17	2	18/25/57	14	14	38/25/37
Khulna	Lakshmipur	27	3	17/28/55	16	2	16/12/72	8	8	30/37/34
	Noakhali	26	2	26/19/55	17	2	11/17/72	6	6	38/19/42
	Rangamati	24	1	22/30/48	16	2	19/33/47	17	16	33/27/39
	Bagerhat	26	3	24/24/52	17	2	14/30/55	19	19	28/31/41
	Chuadanga	24	1	27/22/50	16	2	9/22/69	11	11	22/30/47
	Jessore	25	2	31/21/48	16	2	7/27/67	24	24	17/39/44
	Jhenaidah	24	1	30/20/50	16	2	10/23/67	13	13	22/33/45
	Khulna	25	2	27/23/50	17	2	14/30/56	21	21	27/31/42
	Kushtia	24	1	28/19/53	16	2	12/19/69	12	11	25/30/44
	Magura	24	1	32/21/48	16	2	13/21/66	18	18	14/43/42
Barisal	Meherpur	24	2	28/20/53	16	2	7/24/69	10	10	22/29/49
	Narail	25	2	29/25/46	16	2	10/21/69	20	20	28/36/37
	Satkhira	25	2	30/23/47	17	2	18/31/51	27	26	21/35/44
	Barguna	26	2	24/21/56	17	2	10/24/66	25	25	33/21/46
	Barisal	26	2	29/20/51	16	2	13/17/70	12	11	29/38/33
	Bhola	25	2	24/19/57	18	2	6/15/79	8	7	27/30/42
	Jhalokati	27	3	26/22/52	16	2	10/29/61	12	12	26/39/36
	Patuakhali	25	2	29/15/56	18	2	5/18/77	15	15	23/31/47
Sylhet	Pirojpur	27	3	26/25/49	16	2	13/29/58	15	15	32/36/33
	Habiganj	26	1	18/40/41	17	2	20/25/55	2	2	48/18/35
	Maulvibazar	26	1	17/50/33	17	2	18/34/48	6	5	42/23/35
	Sunamganj	26	2	13/32/56	16	2	15/24/61	2	1	50/14/36
	Sylhet	26	1	16/45/39	16	2	12/40/48	4	3	45/19/36

2.6 Guidance

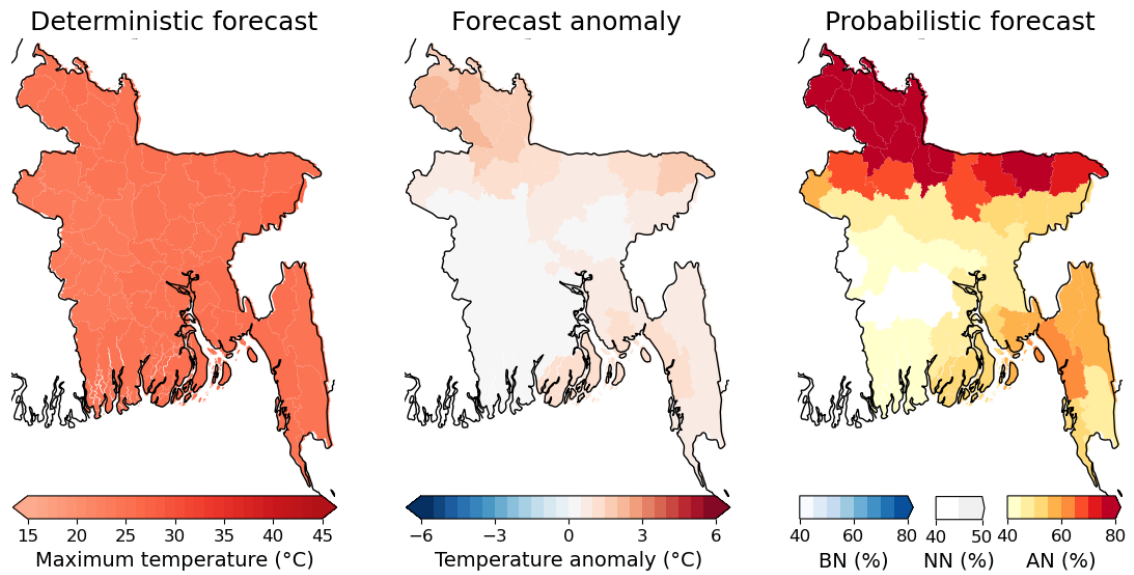
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 12.01.2024 to 25.01.2024)

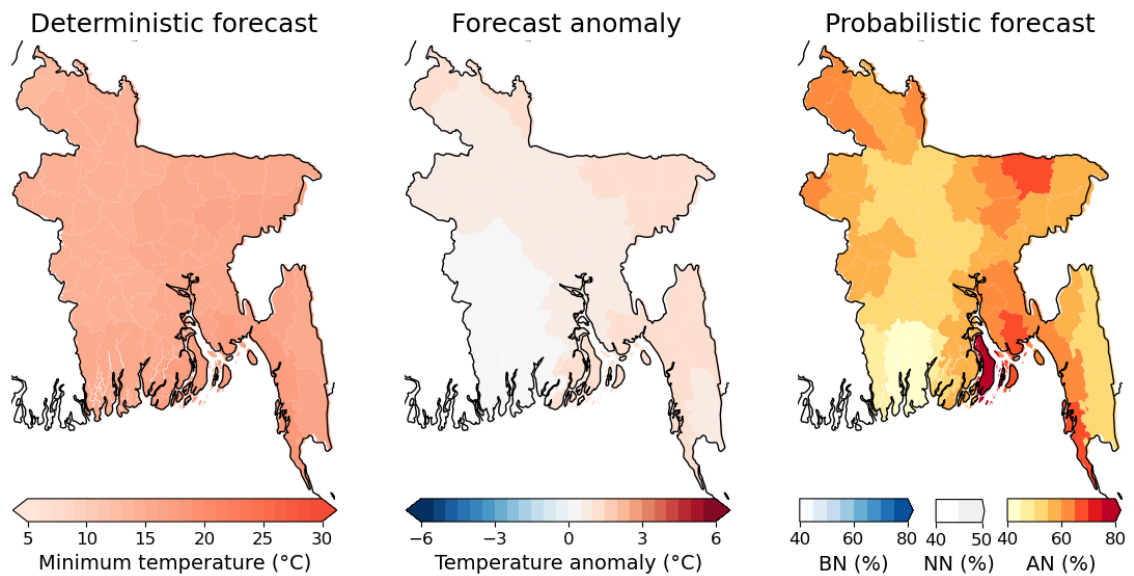
3.2 Significant Information

- Add here the text for significant information.

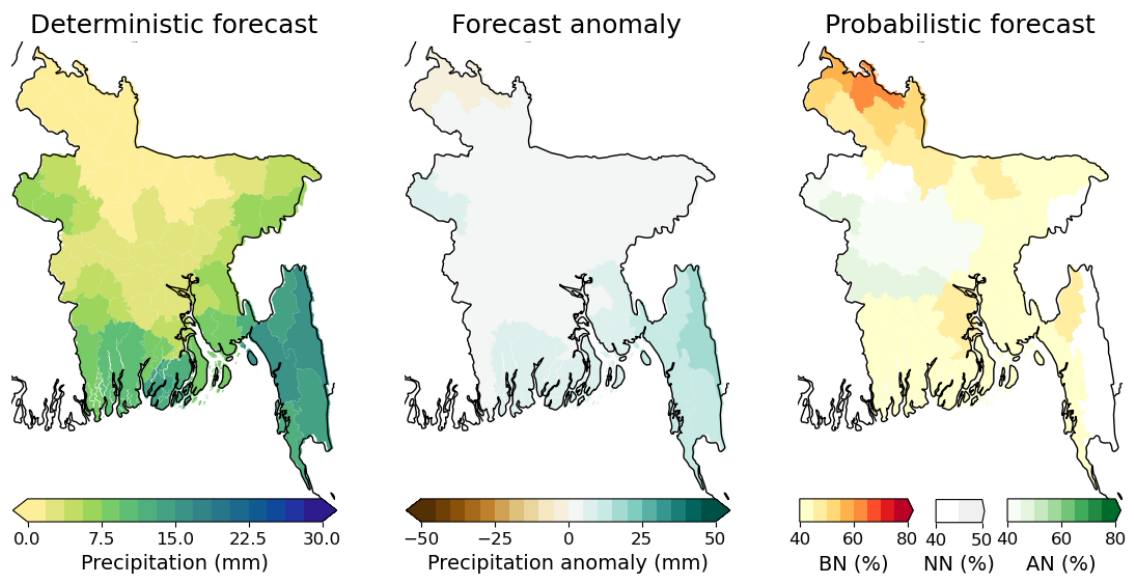
3.2 Maximum Temperature



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	24	1	24/34/42	15	1	24/23/53	3	2	38/18/44
	Faridpur	24	0	24/37/40	15	0	24/22/54	3	3	38/17/45
	Gazipur	25	0	22/33/45	15	1	26/22/52	2	2	37/21/42
	Gopalganj	24	0	24/37/39	15	0	22/23/54	3	3	41/12/47
	Kishoreganj	25	0	19/29/52	16	1	22/16/62	2	2	41/15/44
	Madaripur	24	0	21/40/39	15	1	22/23/54	2	2	45/10/45
	Manikganj	24	0	23/35/42	15	1	28/18/54	3	3	38/19/43
	Munshiganj	25	0	21/33/46	15	1	24/19/57	4	3	41/16/43
	Narayanganj	25	1	21/34/45	16	1	24/19/57	3	3	42/16/42
	Narsingdi	25	0	20/34/46	16	1	24/18/57	3	3	42/16/42
Rajshahi	Rajbari	24	0	22/36/41	15	0	24/22/54	3	2	38/17/44
	Shariatpur	25	0	18/35/47	15	1	23/20/57	3	3	45/11/44
	Bogra	24	1	8/23/69	15	1	22/25/53	0	1	37/23/40
	Joypurhat	25	2	10/12/78	14	1	20/26/55	0	0	40/19/40
	Naogaon	24	1	9/22/69	14	1	23/21/56	4	3	36/25/39
	Natore	23	0	14/39/46	15	1	24/22/55	4	4	39/18/43
	Nawabganj	23	1	18/23/59	14	1	22/17/61	7	6	35/22/42
	Pabna	23	0	25/32/43	15	0	27/18/55	3	2	37/22/41
	Rajshahi	23	0	16/34/49	14	1	22/20/58	7	6	36/19/46
	Sirajganj	24	0	14/38/48	15	1	26/19/55	0	1	39/19/42
Rangpur	Dinajpur	25	2	9/6/85	14	1	18/22/60	0	0	47/22/31
	Gaibandha	25	2	10/10/80	14	1	19/24/57	0	0	47/16/37
	Kurigram	25	2	8/9/83	15	1	17/21/62	2	0	51/19/29
	Lalmonirhat	25	2	8/12/80	14	1	22/22/56	0	0	62/10/28
	Nilphamari	25	2	8/10/81	14	1	20/21/59	0	0	60/12/28
	Panchagarh	25	2	6/10/84	14	1	17/22/61	0	0	58/15/27
	Rangpur	25	2	9/9/82	14	1	19/21/59	2	0	52/17/31
Thakurgaon	25	2	8/7/85	14	1	19/19/63	0	0	55/18/28	
Mymensingh	Jamalpur	25	1	7/16/77	15	1	24/23/53	0	1	46/15/39
	Mymensingh	25	1	4/30/66	15	1	20/21/59	2	1	45/11/44
	Netrakona	25	1	3/22/75	16	1	17/20/63	0	1	46/12/41
	Sherpur	25	1	6/14/79	15	1	22/23/54	2	1	47/17/37
Chittagong	Bandarban	24	1	28/23/49	16	1	22/23/54	14	13	35/25/40
	Brahamanbaria	25	0	24/28/49	16	1	24/16/59	4	4	42/16/42
	Chandpur	25	1	17/36/47	16	1	20/19/60	5	4	43/12/45
	Chittagong	25	1	27/11/62	18	1	18/21/62	15	14	42/17/41
	Comilla	25	1	18/33/49	16	1	23/17/61	6	6	41/17/42
	Cox's Bazar	25	1	29/20/51	19	1	12/21/66	13	10	41/19/39
	Feni	26	1	22/19/59	17	1	17/19/64	12	11	45/19/36
	Khagrachhari	26	1	26/18/56	16	1	20/23/58	14	14	46/16/37
	Lakshmipur	25	1	15/34/51	16	1	12/24/64	8	6	43/13/43
	Noakhali	25	1	21/19/60	17	1	9/22/69	8	8	44/17/39
Khulna	Rangamati	25	1	29/12/59	16	1	22/25/53	16	16	40/21/40
	Bagerhat	25	0	20/36/44	16	0	26/32/42	11	7	42/18/41
	Chuadanga	23	0	25/36/40	14	0	24/17/59	3	2	37/17/46
	Jessore	24	0	24/37/39	15	0	22/23/55	6	4	42/12/46
	Jhenaidah	23	0	23/37/41	15	0	24/19/58	4	3	38/16/46
	Khulna	24	0	19/37/43	15	0	28/28/44	10	6	41/16/42
	Kushtia	23	0	24/35/41	14	0	24/20/56	3	2	37/22/41
	Magura	24	0	23/38/39	15	0	24/22/54	5	4	37/16/46
	Meherpur	23	0	27/34/40	14	0	24/18/59	2	2	37/17/47
	Narail	24	0	25/36/39	15	0	22/26/51	4	3	41/13/46
Barisal	Satkhira	24	0	23/35/42	16	0	28/27/45	9	5	42/15/43
	Barguna	25	1	17/28/55	16	0	16/30/55	15	8	42/18/40
	Barisal	25	0	21/33/46	15	1	22/19/59	6	5	46/12/42
	Bhola	25	1	28/22/50	18	1	4/20/75	9	8	43/17/40
	Jhalokati	25	0	15/35/50	15	0	21/22/57	8	6	43/14/43
	Patuakhali	25	1	26/24/50	17	1	7/33/59	13	9	44/17/39
Sylhet	Pirojpur	25	0	16/35/49	15	0	27/27/47	9	6	44/14/43
	Habiganj	26	1	16/30/54	16	1	20/23/57	6	4	41/21/38
	Maulvibazar	26	1	17/30/54	17	1	21/22/57	6	5	38/26/36

	Sunamganj	26	1	3/21/76	16	1	9/24/66	3	2	43/25/32
	Sylhet	26	2	11/18/71	16	1	12/30/58	4	4	42/26/32

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)