



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 21 November 2023

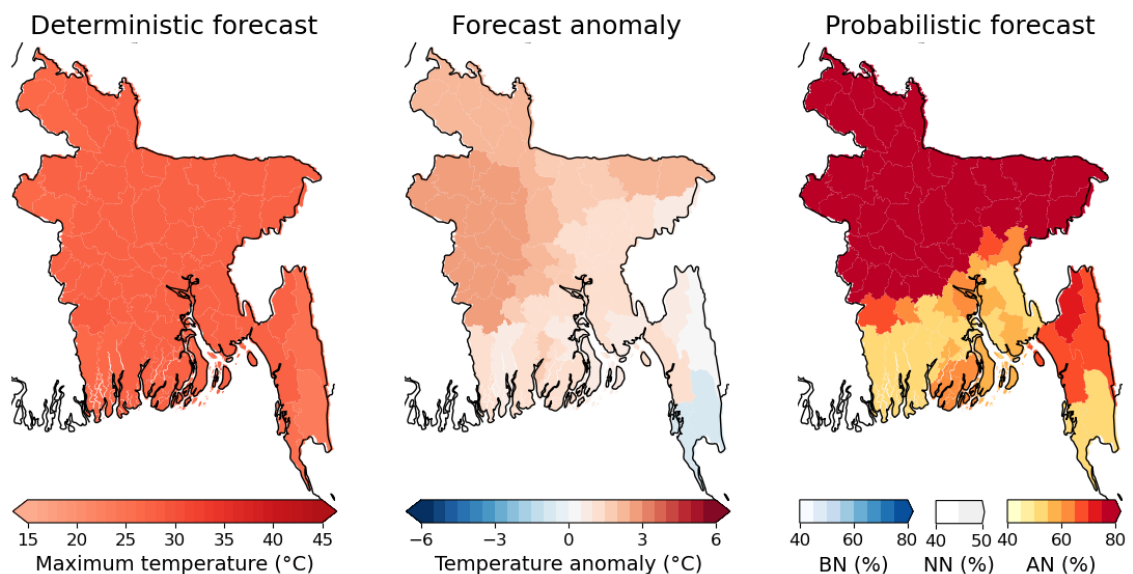
Subject: Experimental Sub-seasonal forecast for Bangladesh during 21.11.2023 to 18.12.2023

1. Weather Forecast for week 1 (Period: 21.11.2023 to 27.11.2023)

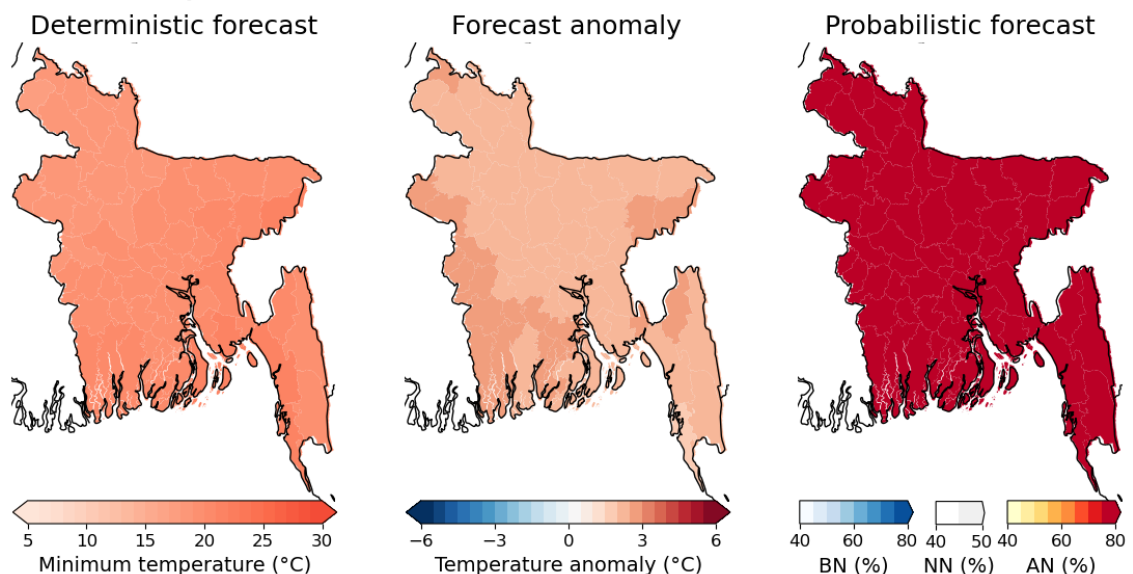
1.1 Significant Information

- Add here the text for significant information.

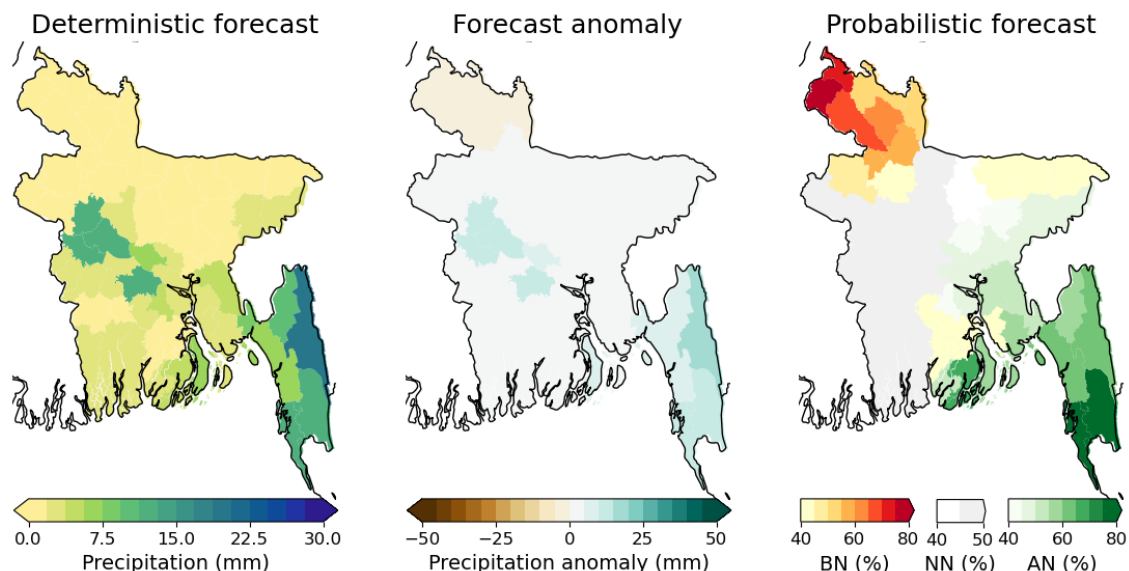
1.2 Maximum Temperature



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	2	0/24/76	20	2	0/0/100	3	3	0/54/46
	Faridpur	28	2	0/23/77	20	2	0/1/99	12	11	1/72/27
	Gazipur	27	1	0/19/81	20	2	0/0/100	0	0	0/59/41
	Gopalganj	27	1	2/43/55	20	3	0/1/99	2	2	42/30/28
	Kishoreganj	27	1	0/8/92	20	2	0/0/100	0	0	33/26/40
	Madaripur	27	1	1/41/58	20	2	0/0/100	5	5	38/20/42
	Manikganj	28	2	0/10/90	19	2	0/1/99	7	6	1/68/31
	Munshiganj	27	2	0/37/62	20	2	0/0/100	2	2	0/54/46
	Narayanganj	27	1	1/39/59	20	2	0/0/100	0	1	0/50/50
	Narsingdi	27	1	1/33/66	20	2	0/0/100	0	0	0/54/46
	Rajbari	28	3	0/3/97	19	2	0/2/98	3	3	3/81/15
Shariatpur	27	1	1/38/61	20	2	0/0/100	3	3	0/53/47	
Rajshahi	Bogra	28	3	0/0/100	19	2	0/0/100	0	0	45/38/17
	Joypurhat	28	3	0/0/100	18	2	0/0/100	0	0	59/34/6
	Naogaon	27	3	0/0/100	18	2	0/0/100	0	1	46/48/6
	Natore	27	3	0/0/100	19	2	0/0/100	12	12	0/87/13
	Nawabganj	27	3	0/0/100	18	3	0/0/100	0	1	0/94/6
	Pabna	28	3	0/0/100	19	2	0/0/100	12	12	4/77/19
	Rajshahi	27	3	0/0/100	19	3	0/0/100	2	1	0/94/6
	Sirajganj	28	3	0/0/100	19	2	0/0/100	2	2	0/77/23
Rangpur	Dinajpur	27	2	0/0/100	18	2	0/0/100	0	0	65/34/0
	Gaibandha	27	2	0/0/100	18	2	0/0/100	0	0	56/34/9
	Kurigram	27	2	0/0/100	19	2	0/0/100	0	0	55/43/2
	Lalmonirhat	27	2	0/0/100	18	2	0/0/100	0	0	54/44/2
	Nilphamari	27	2	0/0/100	18	2	0/0/100	0	0	54/44/1
	Panchagarh	27	2	0/0/100	18	3	0/1/99	0	0	73/27/0
	Rangpur	27	2	0/0/100	18	2	0/0/100	0	0	62/35/3
	Thakurgaon	27	2	0/0/100	18	2	0/1/99	0	0	80/19/0
Mymen- singh	Jamalpur	28	2	0/0/100	19	2	0/0/100	0	0	38/51/11
	Mymen- singh	28	2	0/0/100	20	2	0/0/100	0	0	38/44/19
	Netrakona	28	2	0/0/100	19	2	0/0/100	0	0	42/40/19
	Sherpur	28	2	0/0/100	19	2	0/0/100	0	0	39/56/5
Chitta- gong	Bandarban	24	-1	2/48/50	20	2	0/0/100	11	11	0/4/96
	Brahamanba ria	27	1	1/36/63	20	2	0/0/100	0	0	29/25/46
	Chandpur	28	1	1/42/57	20	2	0/0/100	2	2	0/49/51
	Chittagong	28	1	0/31/69	21	2	0/0/100	7	6	4/33/62
	Comilla	28	1	2/44/54	20	2	0/0/100	4	4	33/14/52
Cox's Bazar	25	-1	0/47/52	22	2	0/0/100	12	11	0/4/96	

	Feni	28	1	3/43/54	21	3	0/0/100	8	7	38/8/54
	Khagrachhari	28	1	0/28/72	21	3	0/0/100	10	8	25/17/58
	Lakshmipur	28	1	3/43/54	20	2	0/0/100	4	3	42/4/54
	Noakhali	27	1	4/41/55	21	2	0/0/100	3	2	33/9/57
	Rangamati	26	0	0/34/66	20	2	0/0/100	20	18	8/29/62
Khulna	Bagerhat	27	1	9/38/52	20	2	0/4/96	2	2	0/72/28
	Chuadanga	28	3	0/0/100	19	3	0/0/100	2	2	0/96/4
	Jessore	28	3	0/31/69	19	3	0/3/97	0	1	1/85/13
	Jhenaidah	28	3	0/6/94	19	3	0/0/100	2	2	0/93/7
	Khulna	26	1	8/39/53	20	3	0/7/93	3	2	1/78/21
	Kushtia	27	3	0/0/100	19	3	0/0/100	13	13	0/94/6
	Magura	28	3	0/18/82	19	2	0/2/98	2	2	0/88/12
	Meherpur	27	3	0/0/100	19	3	0/0/100	3	3	0/95/5
	Narail	27	2	1/38/60	20	3	0/3/97	0	1	0/83/17
	Satkhira	26	1	8/38/54	20	3	0/12/88	4	3	3/76/21
	Barisal	Barguna	27	1	1/37/61	21	3	0/2/98	2	2
Barisal		27	1	2/43/55	20	3	0/0/100	0	1	42/9/50
Bhola		27	1	1/40/59	21	2	0/0/100	6	5	21/21/58
Jhalokati		28	1	2/40/57	20	3	0/0/100	0	0	42/13/46
Patuakhali		27	1	1/35/64	21	2	0/0/100	4	4	12/21/67
Pirojpur		28	2	4/41/54	20	3	0/2/98	0	0	42/25/33
Sylhet	Habiganj	28	1	0/9/91	21	3	0/0/100	2	2	33/21/45
	Maulvibazar	28	1	0/10/90	21	3	0/0/100	2	2	29/24/47
	Sunamganj	28	2	0/1/99	19	2	0/0/100	0	0	42/17/41
	Sylhet	28	2	0/4/96	20	2	0/0/100	0	0	43/21/36

1.6 Guidance

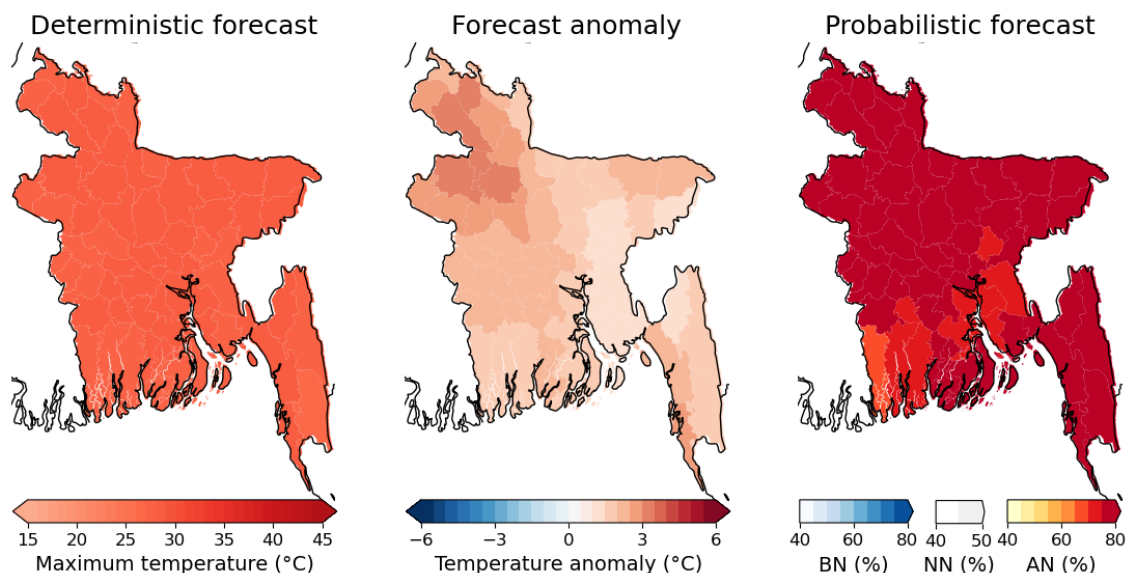
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 28.11.2023 to 04.12.2023)

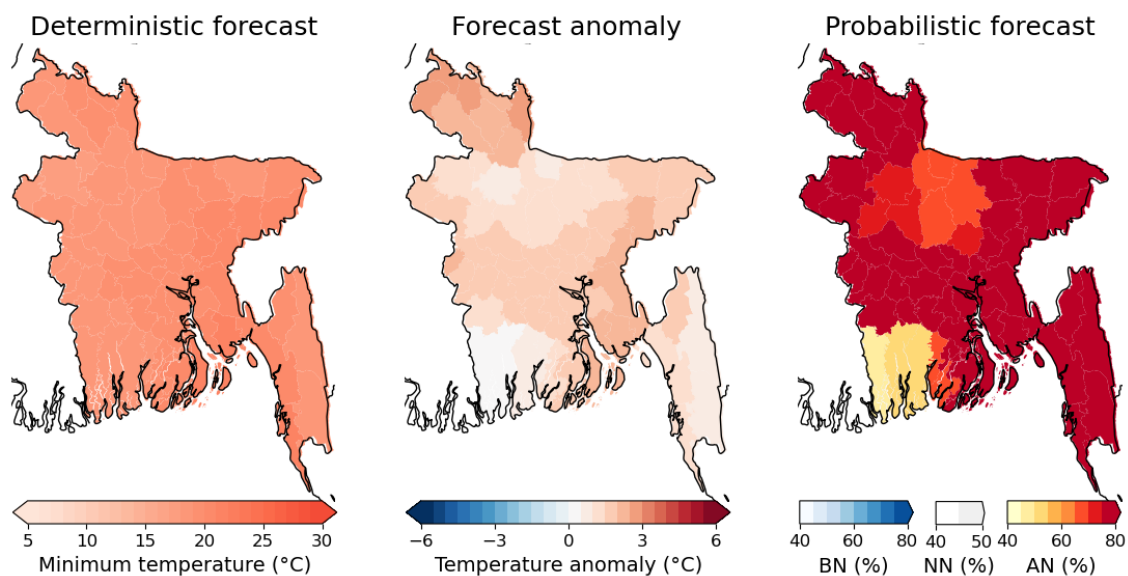
2.1 Significant Information

- Add here the text for significant information.

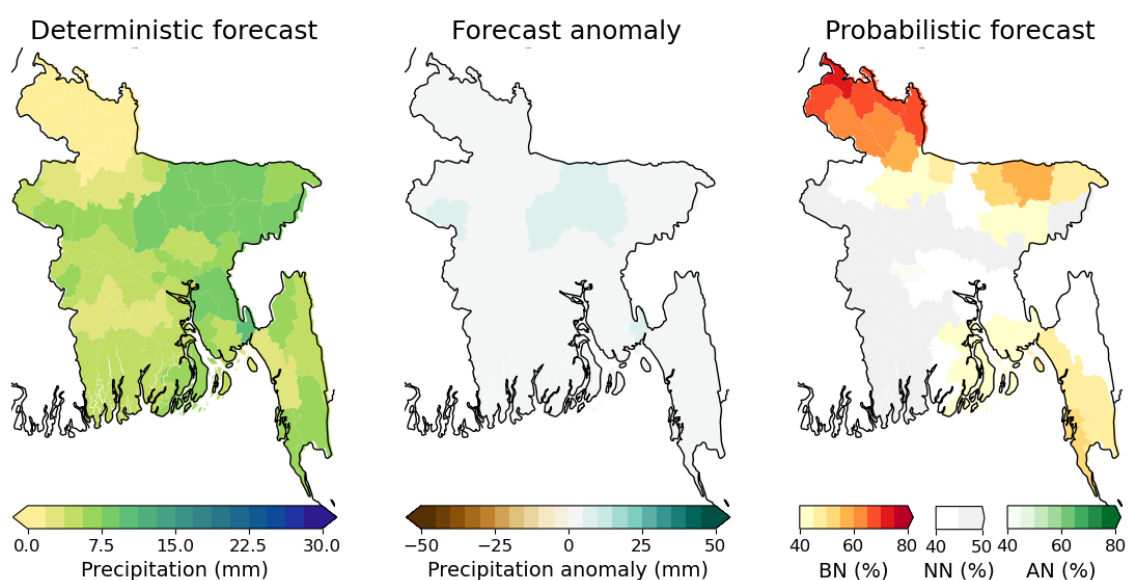
2.2 Maximum Temperature



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	28	2	0/22/78	20	2	0/21/79	6	4	26/41/33
	Faridpur	28	2	0/18/82	19	2	0/21/79	4	3	28/38/33
	Gazipur	28	2	0/20/80	20	2	0/26/74	5	4	26/46/27
	Gopalganj	28	2	1/23/76	19	2	0/17/83	2	0	25/51/25
	Kishoreganj	28	1	0/13/87	20	2	0/11/89	8	5	43/33/24
	Madaripur	28	2	1/22/77	19	2	0/14/85	4	0	25/46/29
	Manikganj	28	2	0/14/86	19	2	0/24/76	5	4	28/40/31
	Munshiganj	28	2	1/23/76	20	2	1/13/86	5	2	27/37/36
	Narayanganj	28	2	0/23/76	20	2	0/13/87	6	4	25/42/33
	Narsingdi	28	1	0/27/73	20	2	0/17/83	5	3	26/55/19
	Rajbari	28	2	0/11/89	19	2	0/25/75	4	3	0/60/40
Shariatpur	28	2	1/25/74	20	2	0/10/90	5	0	38/33/29	
Rajshahi	Bogra	29	3	0/4/96	18	1	0/29/71	3	2	40/25/35
	Joypurhat	29	3	0/4/96	18	1	0/20/79	0	1	29/43/28
	Naogaon	28	3	0/4/96	18	1	0/20/80	3	2	29/40/31
	Natore	28	3	4/4/92	18	1	0/30/70	6	4	0/70/30
	Nawabganj	28	3	0/5/95	18	2	0/19/81	4	3	0/70/30

Rangpur	Pabna	28	2	4/8/88	19	2	0/25/75	5	3	6/62/31
	Rajshahi	28	3	4/0/96	18	2	0/20/80	7	6	0/69/31
	Sirajganj	28	3	0/8/92	19	1	0/28/72	6	4	7/61/32
	Dinajpur	28	3	0/0/100	19	2	0/5/94	0	1	64/21/16
	Gaibandha	29	3	0/0/100	19	2	0/9/91	0	0	55/29/16
	Kurigram	27	2	0/0/100	19	3	0/5/95	0	0	68/17/15
	Lalmonirhat	28	2	0/0/100	19	2	0/7/93	0	0	70/17/13
	Nilphamari	29	3	0/0/100	19	3	0/7/93	0	0	67/19/14
	Panchagarh	27	2	0/0/100	19	3	1/9/90	0	0	72/12/16
Mymen-singh	Rangpur	28	3	0/0/100	19	2	0/5/94	0	0	63/22/15
	Thakurgaon	28	3	0/0/100	19	3	0/9/90	0	0	69/17/15
	Jamalpur	29	2	0/4/96	18	1	0/31/69	4	2	43/38/19
	Mymen-singh	28	2	0/5/95	19	1	0/34/66	8	6	36/35/28
Chitta-gong	Netrakona	28	2	0/0/100	19	1	0/11/89	8	6	53/19/27
	Sherpur	28	2	0/4/96	18	1	0/31/69	5	3	46/34/19
	Bandarban	27	2	0/18/82	19	1	5/19/76	6	3	49/20/31
	Brahamanbaria	28	1	0/24/76	20	2	0/14/86	7	1	31/51/19
	Chandpur	28	1	1/25/73	20	2	0/6/93	8	1	39/41/20
	Chittagong	29	2	0/7/93	21	1	0/6/93	4	1	50/21/29
	Comilla	28	1	1/25/74	20	2	0/4/96	8	0	34/43/23
	Cox's Bazar	29	3	0/14/86	21	1	0/9/91	7	4	51/15/34
	Feni	28	1	0/21/78	21	2	0/3/96	10	5	41/28/30
	Khagrachhari	28	1	0/6/94	20	2	0/6/94	6	2	37/37/26
Khuina	Lakshimpur	28	1	1/26/73	20	2	0/6/93	7	2	43/31/26
	Noakhali	28	1	0/16/84	21	2	0/5/95	4	1	43/29/28
	Rangamati	27	2	0/6/94	19	1	4/18/78	5	2	33/38/29
	Bagerhat	28	2	2/24/74	19	1	0/46/53	4	0	7/67/26
	Chuadanga	28	2	0/9/91	19	2	0/21/79	6	3	0/68/32
	Jessore	28	2	0/16/84	19	1	0/23/77	4	1	0/76/24
	Jhenaidah	28	2	0/11/89	19	2	0/21/79	4	2	0/68/32
	Khulna	28	2	3/25/71	18	0	0/47/52	4	0	5/68/26
	Kushtia	28	2	4/8/88	19	2	0/20/80	5	3	0/70/30
	Magura	28	2	0/13/86	19	2	0/23/77	3	2	0/72/28
Barisal	Meherpur	28	2	4/8/88	19	2	0/20/80	6	3	0/68/32
	Narail	28	2	0/26/74	19	2	0/24/76	3	1	3/70/26
	Satkira	28	2	3/30/67	19	0	0/54/46	5	1	8/66/26
	Barguna	28	2	1/13/86	19	1	0/32/68	5	1	39/35/25
	Barisal	28	2	1/25/74	19	2	0/7/93	4	1	43/29/28
	Bhola	28	2	0/15/85	21	2	0/3/97	6	0	43/30/27
	Jhalokati	29	2	1/19/80	19	1	0/16/84	4	1	39/31/29
Sylhet	Patuakhali	28	2	0/10/90	21	2	0/7/93	6	1	40/35/24
	Pirojpur	29	2	2/19/79	18	1	0/32/68	5	2	35/44/22
	Habiganj	29	2	0/12/88	20	2	0/10/90	9	3	42/37/21
	Maulvibazar	29	1	0/9/91	20	2	0/11/89	8	2	25/53/22
Sylhet	Sunamganj	29	2	0/2/98	19	2	0/9/91	9	4	58/13/30
	Sylhet	28	2	0/4/95	19	2	0/12/88	7	2	47/33/21

2.6 Guidance

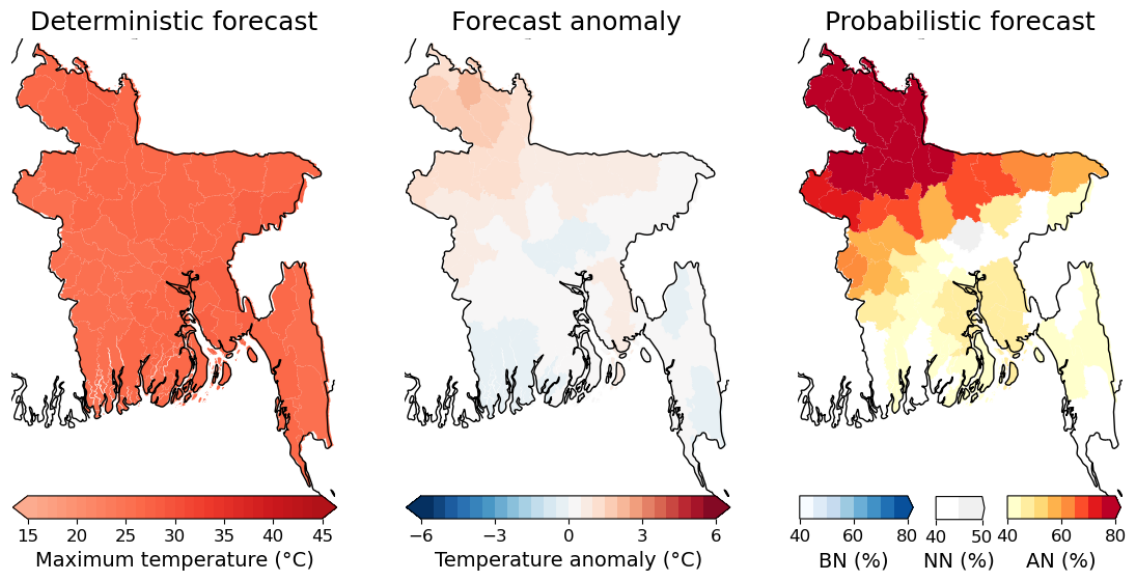
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 05.12.2023 to 18.12.2023)

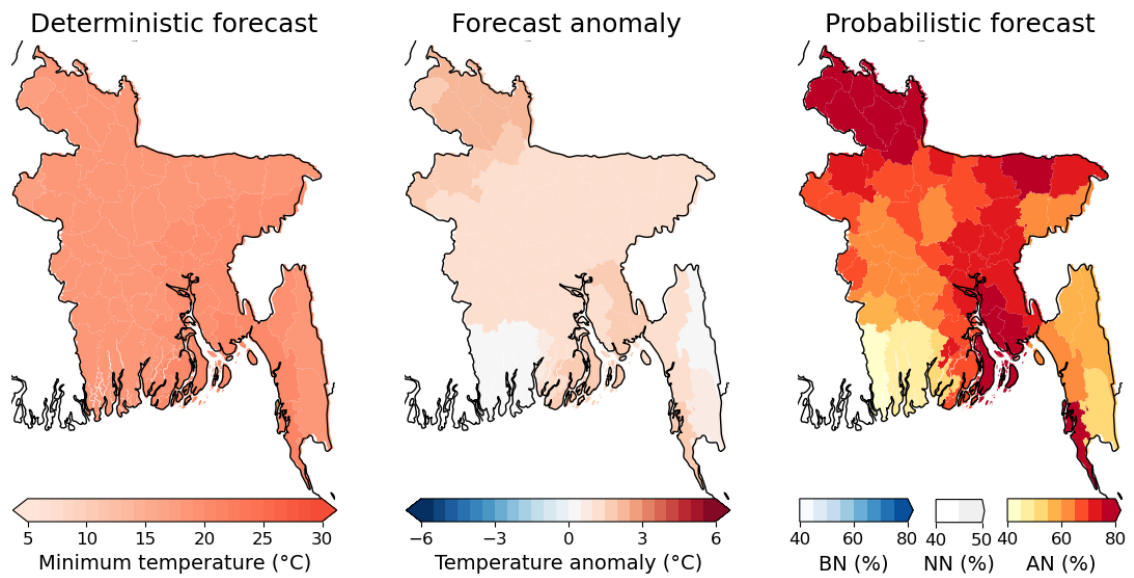
3.2 Significant Information

- Add here the text for significant information.

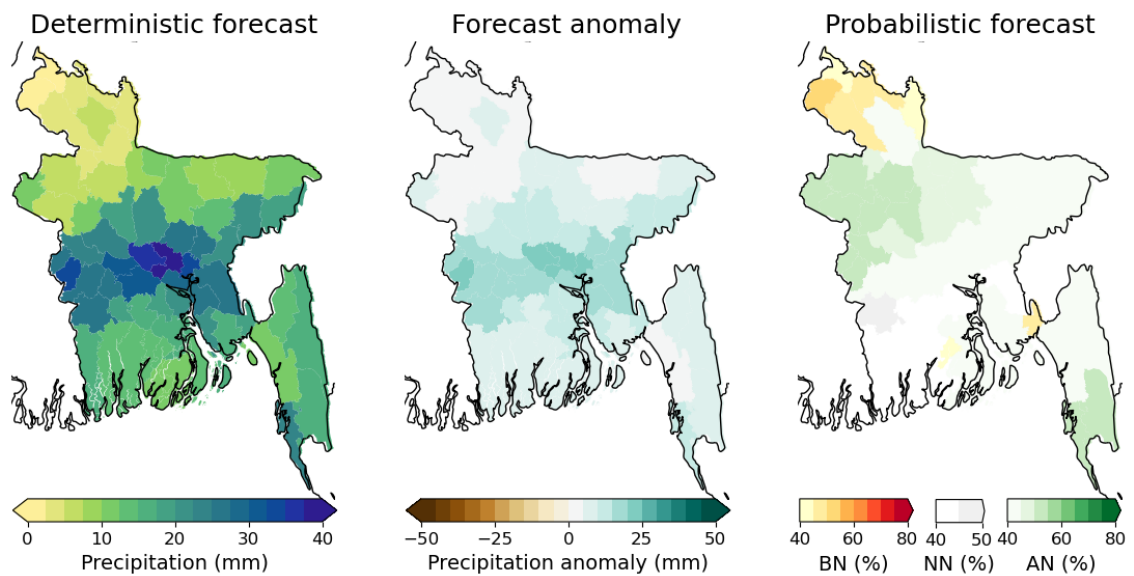
3.2 Maximum Temperature



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	0	25/37/38	19	1	2/24/74	38	24	21/37/41
	Faridpur	26	0	22/35/43	19	1	6/30/64	32	19	17/41/42
	Gazipur	26	0	19/46/36	19	1	2/27/71	25	14	26/32/42
	Gopalganj	26	0	31/28/41	19	1	8/28/64	16	10	22/40/38
	Kishoreganj	27	0	17/35/48	20	1	5/21/74	14	8	28/29/43
	Madaripur	26	0	32/23/45	19	1	3/31/66	19	11	27/35/37
	Manikganj	26	0	18/39/43	19	1	5/29/66	36	23	18/39/42
	Munshiganj	27	0	32/26/42	19	1	2/24/74	28	16	27/31/41
	Narayanganj	27	0	32/30/38	19	1	2/25/72	35	21	26/32/42
	Narsingdi	26	0	27/43/29	19	1	2/24/73	27	17	28/31/40
	Rajbari	26	0	14/40/46	18	1	6/34/60	31	20	19/38/43
Shariatpur	27	0	34/17/49	19	1	3/25/72	21	12	28/34/38	
Rajshahi	Bogra	27	1	9/13/79	18	1	13/17/70	7	4	29/18/52
	Joypurhat	27	1	8/11/80	18	2	8/19/73	4	1	31/22/47
	Naogaon	26	1	8/17/75	18	2	5/21/74	7	3	34/14/51
	Natore	26	1	10/21/70	18	1	13/22/64	12	5	28/20/52
	Nawabganj	26	1	13/15/72	18	2	5/26/69	10	6	25/24/51
	Pabna	26	0	11/33/57	18	1	9/31/60	23	14	27/24/49
	Rajshahi	26	1	13/12/75	18	1	9/21/70	6	2	24/22/54
	Sirajganj	26	1	10/21/69	18	1	13/20/67	19	12	26/21/53
Rangpur	Dinajpur	27	2	5/14/81	18	2	0/14/86	4	3	46/19/35
	Gaibandha	27	1	9/11/80	19	2	0/19/81	4	2	34/23/43
	Kurigram	27	1	4/7/88	19	2	1/7/92	4	3	41/18/41
	Lalmonirhat	27	2	4/6/90	19	2	1/7/92	5	4	45/25/30
	Nilphamari	28	2	4/8/88	19	2	1/13/86	3	3	47/21/32
	Panchagarh	26	1	5/14/81	18	2	1/15/84	2	2	45/23/33
	Rangpur	27	2	5/12/83	19	2	1/11/88	6	5	38/21/41
	Thakurgaon	27	2	5/11/84	18	2	1/16/83	2	1	51/13/36
Mymensingh	Jamalpur	27	1	9/15/76	18	1	9/23/68	10	6	30/21/49
	Mymensingh	27	1	10/24/66	19	1	10/24/66	11	6	29/23/48
	Netrakona	27	1	9/23/68	19	1	9/18/73	8	4	32/26/42
	Sherpur	27	1	9/15/76	18	1	10/19/70	12	7	34/18/47
Chittagong	Bandarban	25	0	32/31/37	19	1	13/33/54	17	10	20/25/55
	Brahamanbaria	27	0	27/41/32	19	1	1/27/72	22	15	28/30/41
	Chandpur	27	0	35/17/48	19	1	3/20/77	25	16	31/29/41
	Chittagong	26	0	21/38/41	21	1	5/34/61	11	5	39/20/41
	Comilla	27	1	39/12/49	20	2	2/25/73	26	16	30/30/40
	Cox's Bazar	26	0	28/34/38	22	2	5/16/79	23	13	23/22/54
	Feni	27	0	35/34/30	20	2	2/23/75	20	13	45/13/41
	Khagrachhari	27	0	21/41/38	20	1	5/37/58	14	9	33/27/40
	Lakshmipur	27	0	36/15/48	20	1	2/16/81	21	13	39/18/43
	Noakhali	27	1	31/22/47	21	2	1/17/82	16	10	38/21/41
Rangamati	26	0	20/39/41	18	0	25/15/60	16	10	15/44/41	
Khulna	Bagerhat	26	0	34/29/36	19	0	19/33/48	13	8	25/35/40
	Chuadanga	26	1	13/24/63	18	1	6/29/65	33	25	31/16/54
	Jessore	26	0	21/30/48	18	1	6/38/56	26	15	17/48/35
	Jhenaidah	26	0	16/28/56	18	1	6/30/64	26	17	30/28/42
	Khulna	26	0	32/27/41	18	0	19/35/46	14	8	25/36/39
	Kushtia	26	1	10/33/57	18	1	9/28/63	24	16	30/19/52
	Magura	26	0	19/31/50	18	1	6/33/61	27	17	21/36/42
	Meherpur	26	1	14/25/60	18	1	5/28/67	26	18	29/17/54
	Narail	26	0	27/29/43	19	1	7/29/64	20	11	16/45/39
	Satkhira	26	0	31/29/40	18	0	23/36/41	15	9	25/36/39
Barisal	Barguna	26	0	29/37/34	19	1	10/35/55	11	7	34/26/40
	Barisal	27	0	35/16/49	19	1	3/29/68	17	10	35/25/41
	Bhola	27	0	27/31/42	21	2	1/13/86	15	8	35/25/40
	Jhalokati	27	0	34/26/40	19	1	5/24/70	15	9	41/19/39
	Patuakhali	26	0	28/31/41	20	2	1/30/69	12	7	29/27/43
	Pirojpur	26	0	35/25/40	19	1	10/35/54	14	9	36/25/39
Sylhet	Habiganj	27	0	20/43/37	19	1	9/28/63	21	13	33/25/42
	Maulvibazar	27	0	21/38/41	19	1	9/27/63	19	11	31/27/41

	Sunamganj	27	1	15/22/62	19	1	8/13/78	9	5	35/22/44
	Sylhet	27	0	21/23/56	19	1	5/24/72	12	6	30/27/43

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)