



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 22 December 2023

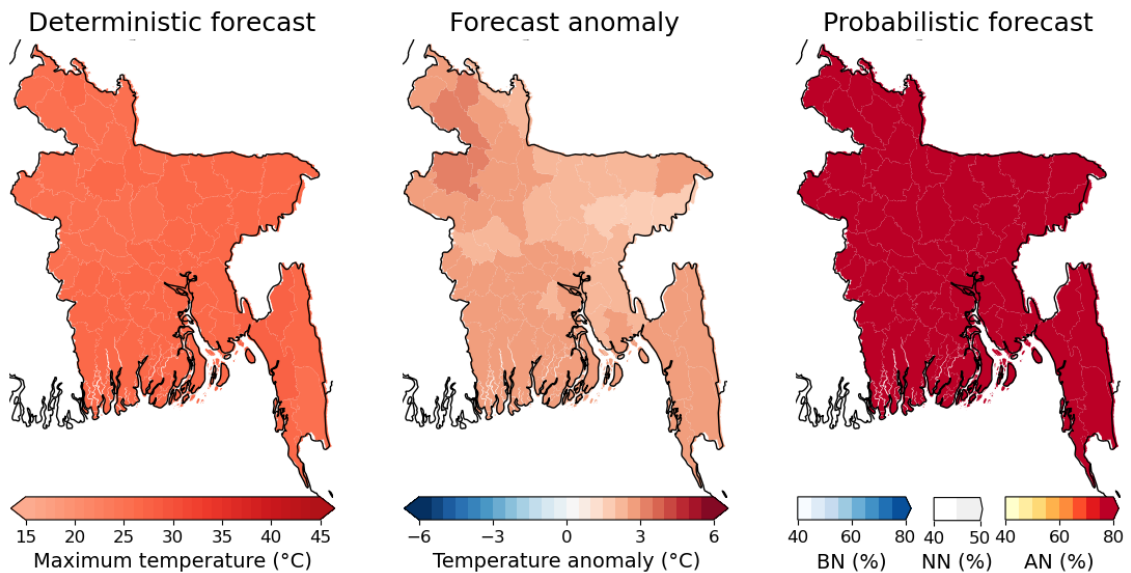
Subject: Experimental Sub-seasonal forecast for Bangladesh during 22.12.2023 to 18.01.2024

1. Weather Forecast for week 1 (Period: 22.12.2023 to 28.12.2023)

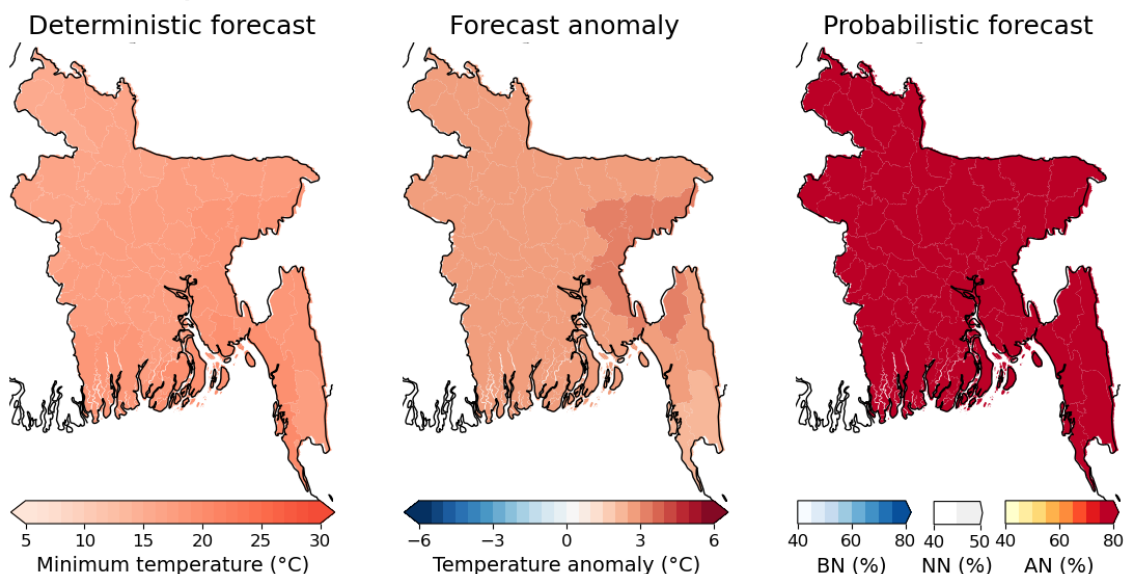
1.1 Significant Information

- Add here the text for significant information.

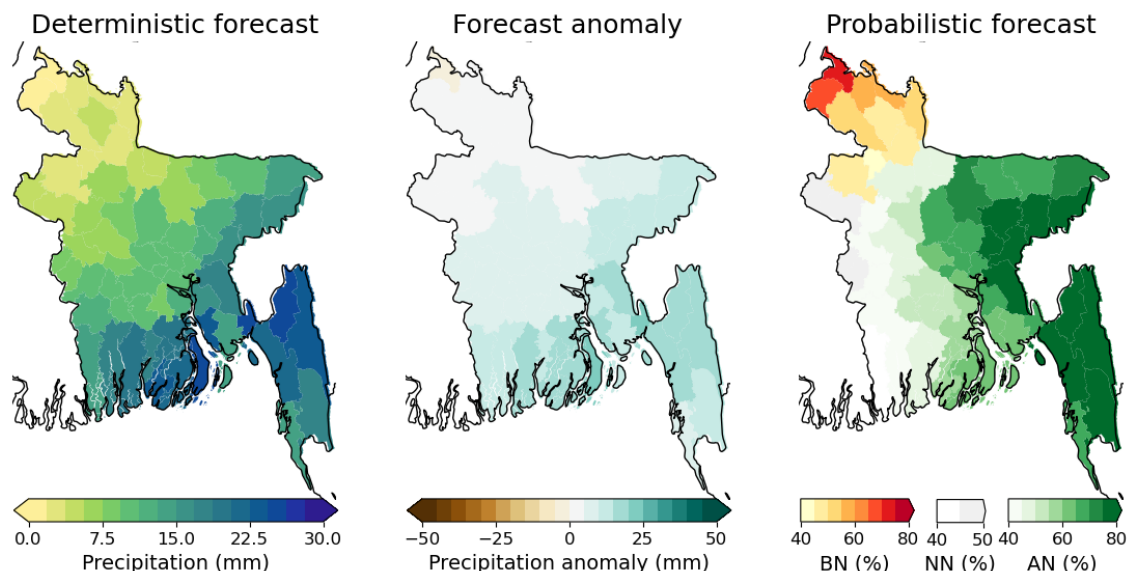
1.2 Maximum Temperature



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	3	0/0/100	18	3	0/0/100	10	8	5/29/66
	Faridpur	26	3	0/0/100	18	3	0/0/100	9	8	10/40/50
	Gazipur	26	2	0/0/100	18	3	0/0/100	10	8	5/26/69
	Gopalganj	26	3	0/3/97	18	3	0/0/100	11	9	19/28/53
	Kishoreganj	26	2	0/0/100	19	3	0/0/100	13	10	5/16/79
	Madaripur	26	2	0/0/100	18	3	0/0/100	9	7	5/41/54
	Manikganj	26	3	0/0/100	18	3	0/0/100	10	8	8/29/63
	Munshiganj	27	3	0/0/100	18	3	0/0/100	11	9	3/35/62
	Narayanganj	27	3	0/0/100	18	3	0/0/100	11	9	5/28/67
	Narsingdi	26	2	0/0/100	18	3	0/0/100	13	10	5/17/78
	Rajbari	26	3	0/0/100	17	3	0/0/100	8	7	10/41/50
Rajshahi	Shariatpur	27	3	0/0/100	18	3	0/0/100	12	10	3/41/56
	Bogra	26	3	0/0/100	17	3	0/0/100	7	5	25/29/46
	Joypurhat	26	3	0/0/100	16	3	0/0/100	3	2	43/12/45
	Naogaon	26	3	0/0/100	16	3	0/0/100	2	1	46/13/41
	Natore	26	3	0/0/100	17	3	0/0/100	6	5	11/44/45
	Nawabganj	25	3	0/0/100	16	3	0/0/100	4	3	21/52/28
	Pabna	26	2	0/3/97	17	3	0/0/100	6	5	10/44/46
	Rajshahi	26	3	0/0/100	17	3	0/0/100	5	4	14/50/36
Rangpur	Sirajganj	26	3	0/0/100	17	3	0/0/100	8	6	8/42/50
	Dinajpur	26	3	0/0/100	16	3	0/0/100	4	2	53/14/32
	Gaibandha	26	3	0/0/100	16	3	0/0/100	3	2	46/10/43
	Kurigram	25	2	0/0/100	17	3	0/0/100	3	2	53/14/32
	Lalmonirhat	25	2	0/0/100	16	3	0/0/100	4	1	58/30/12
	Nilphamari	26	3	0/0/100	16	3	0/2/98	3	1	59/26/15
	Panchagarh	25	3	0/0/100	16	3	0/0/100	0	0	71/24/4
	Rangpur	26	3	0/0/100	16	3	0/0/100	4	2	49/19/32
Mymen- singh	Thakurgaon	25	3	0/0/100	16	3	0/0/100	0	0	66/25/9
	Jamalpur	26	3	0/0/100	17	3	0/0/100	5	3	31/19/50
	Mymen- singh	26	2	0/0/100	18	3	0/0/100	7	5	9/18/73
	Netrakona	26	2	0/0/100	18	3	0/0/100	8	6	8/22/70
Chitta- gong	Sherpur	26	2	0/0/100	17	3	0/0/100	5	2	37/14/50
	Bandarban	26	3	0/2/98	18	2	0/0/100	17	13	2/16/83
	Brahamanba ria	26	2	0/0/100	18	3	0/0/100	15	13	5/8/87
	Chandpur	27	2	0/0/100	18	3	0/0/100	16	13	3/30/67
	Chittagong	27	3	0/0/100	20	3	0/0/100	22	18	5/19/76
	Comilla	27	2	0/0/100	18	3	0/0/100	19	15	3/21/75
Cox's Bazar	26	3	0/0/100	20	2	0/0/100	14	9	7/23/70	

	Feni	27	2	0/0/100	19	3	0/0/100	25	21	7/24/69
	Khagrachhari	28	3	0/0/100	19	3	0/0/100	25	20	5/3/92
	Lakshmipur	27	2	0/0/100	18	3	0/0/100	24	19	3/36/61
	Noakhali	27	3	0/0/100	19	3	0/0/100	15	11	8/29/63
	Rangamati	27	3	0/2/98	18	3	0/0/100	23	19	3/5/92
Khulna	Bagerhat	27	3	0/3/97	18	3	0/0/100	20	15	27/27/46
	Chuadanga	26	3	0/0/100	17	3	0/0/100	8	6	14/53/33
	Jessore	27	3	0/1/99	18	3	0/0/100	11	9	29/29/42
	Jhenaidah	26	3	0/0/100	17	3	0/0/100	9	8	11/49/40
	Khulna	27	3	0/3/97	18	3	0/0/100	18	14	30/29/41
	Kushtia	26	2	0/0/100	17	3	0/0/100	7	5	14/41/44
	Magura	26	3	0/0/100	18	3	0/0/100	10	8	11/41/48
	Meherpur	26	3	0/0/100	17	3	0/0/100	8	6	14/50/36
	Narail	26	3	0/2/98	18	3	0/0/100	11	9	21/26/53
	Satkhira	27	3	0/3/97	19	3	0/0/100	14	10	36/29/36
	Barisal	Barguna	27	3	0/1/99	19	3	0/0/100	23	18
Barisal		27	3	0/2/98	18	3	0/0/100	19	16	3/39/58
Bhola		27	3	0/0/100	19	3	0/0/100	26	21	0/36/64
Jhalokati		27	3	0/2/98	18	3	0/0/100	20	17	3/41/56
Patuakhali		27	3	0/0/100	19	3	0/0/100	22	18	0/37/63
Pirojpur		27	3	0/5/95	18	3	0/0/100	18	14	27/26/47
Sylhet	Habiganj	27	2	0/0/100	19	3	0/0/100	16	13	3/15/82
	Maulvibazar	27	2	0/0/100	19	3	0/0/100	16	12	3/11/86
	Sunamganj	26	2	0/0/100	17	3	0/0/100	11	9	6/26/69
	Sylhet	27	3	0/2/98	17	3	0/0/100	14	11	5/22/73

1.6 Guidance

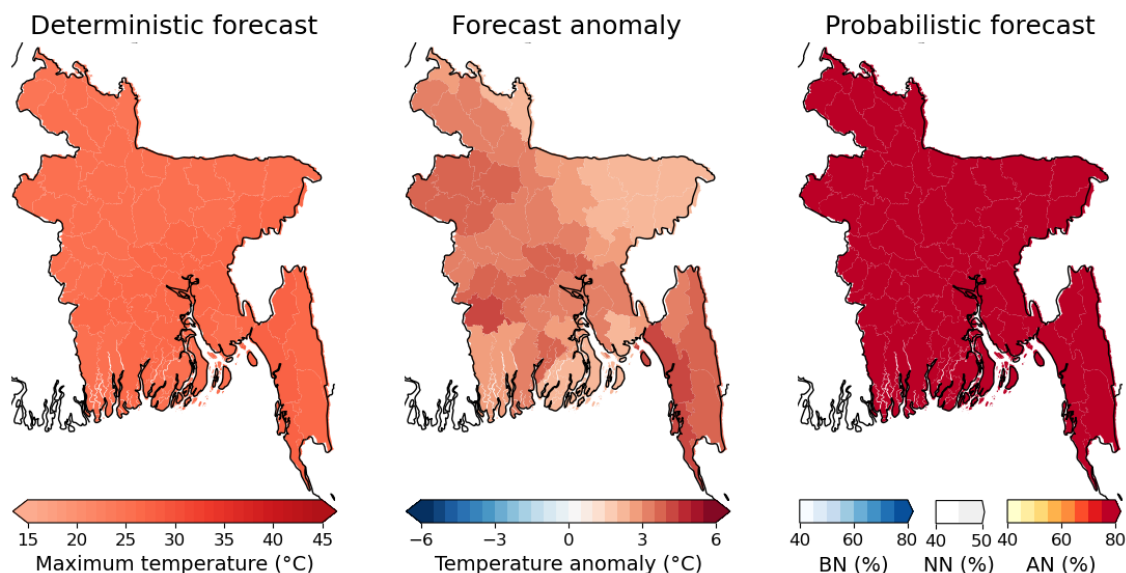
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 29.12.2023 to 04.01.2024)

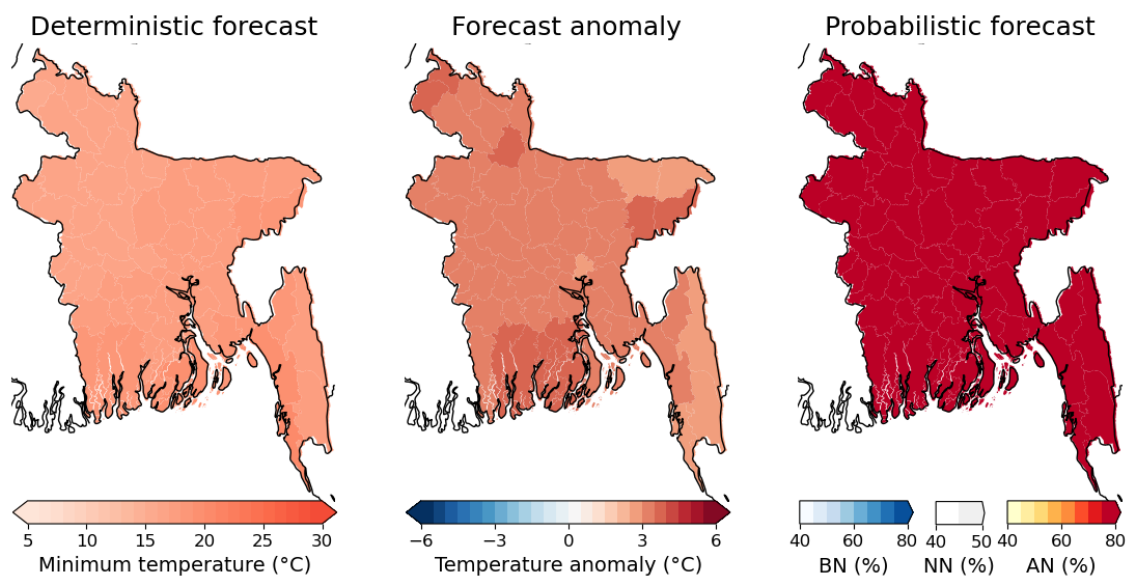
2.1 Significant Information

- Add here the text for significant information.

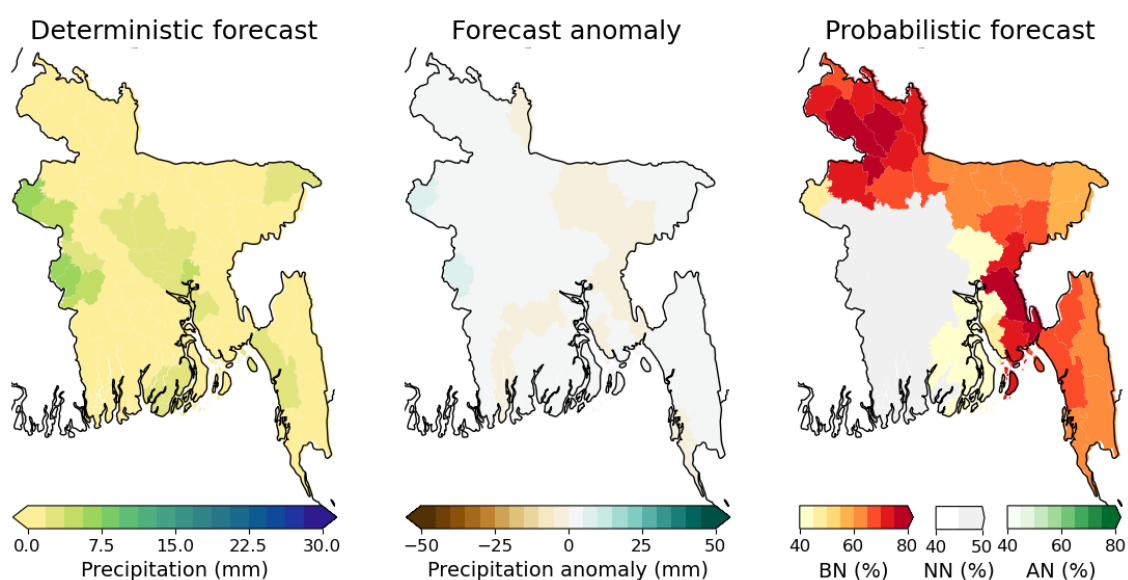
2.2 Maximum Temperature



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	27	4	0/0/100	17	3	2/2/97	4	4	37/50/13
	Faridpur	26	4	0/1/99	17	3	0/2/98	0	1	35/54/11
	Gazipur	26	3	0/0/100	17	3	0/3/97	3	3	42/47/12
	Gopalganj	26	3	0/1/99	17	3	0/3/97	0	0	37/50/13
	Kishoreganj	26	2	0/0/100	18	3	0/2/98	0	-1	68/21/11
	Madaripur	26	3	0/1/99	17	3	0/2/98	0	-1	36/52/11
	Manikganj	26	4	0/1/99	17	3	2/3/95	2	2	37/49/13
	Munshiganj	27	3	0/0/100	17	3	0/2/98	3	3	37/53/9
	Narayanganj	27	4	0/0/100	17	3	0/2/98	4	4	42/49/10
	Narsingdi	26	3	0/0/100	17	3	0/2/98	2	2	44/44/12
	Rajbari	26	3	0/1/99	17	3	0/3/97	0	1	35/53/13
Shariatpur	26	3	0/1/99	17	3	0/2/98	2	1	40/50/9	
Rajshahi	Bogra	26	4	0/0/100	17	3	0/3/97	0	0	69/19/12
	Joypurhat	26	4	0/0/100	16	3	0/3/97	0	1	76/11/13
	Naogaon	25	4	0/0/100	16	3	0/3/97	0	1	73/14/13
	Natore	25	4	0/0/100	17	3	0/6/94	2	1	36/53/11
	Nawabganj	25	4	0/0/100	16	3	0/6/94	6	6	46/40/13

Rangpur	Pabna	25	3	0/3/97	17	3	0/3/97	0	1	34/53/13
	Rajshahi	25	4	0/0/100	16	3	0/6/94	4	4	38/49/13
	Sirajganj	26	3	0/0/100	17	3	2/2/97	2	2	38/52/10
	Dinajpur	25	3	0/0/100	16	3	2/6/92	0	0	77/9/14
	Gaibandha	25	3	0/0/100	17	4	0/3/97	0	0	71/16/13
	Kurigram	25	2	0/0/100	16	3	0/2/98	0	0	74/12/14
	Lalmonirhat	25	2	0/0/100	16	3	2/5/94	0	1	72/13/15
	Nilphamari	26	3	0/0/100	16	3	3/8/89	0	1	70/15/14
	Panchagarh	25	3	0/0/100	16	4	0/2/98	0	1	67/13/20
Rangpur	25	3	0/0/100	16	3	2/5/94	0	0	76/11/13	
Thakurgaon	25	3	0/0/100	16	4	0/6/94	0	1	72/13/15	
Mymen-singh	Jamalpur	26	3	0/0/100	17	3	2/2/97	0	0	68/18/14
	Mymen-singh	26	3	0/0/100	17	3	0/2/98	0	0	65/24/11
	Netrakona	26	2	0/0/100	17	3	0/2/98	0	0	63/22/14
	Sherpur	25	3	0/0/100	17	3	0/8/92	0	0	64/22/14
Chitta-gong	Bandarban	26	4	0/4/96	18	3	0/5/95	0	1	62/24/13
	Brahamanbaria	26	3	0/0/100	18	3	0/2/98	0	-1	75/16/9
	Chandpur	27	3	0/1/99	17	3	0/2/98	2	2	44/47/9
	Chittagong	28	4	0/0/100	19	3	0/2/98	2	2	69/23/8
	Comilla	27	3	0/1/99	17	3	0/2/98	0	-1	75/17/8
	Cox's Bazar	28	4	0/1/99	20	3	0/3/97	0	0	61/22/17
	Feni	27	3	0/0/100	18	3	0/2/98	0	-1	78/14/8
	Khagrachhari	28	3	0/0/100	18	3	0/2/98	0	1	69/20/11
	Lakshmipur	27	3	0/0/100	18	3	0/2/98	0	-1	45/48/7
	Noakhali	26	2	0/0/100	19	3	0/0/100	0	0	73/18/9
Rangamati	27	4	0/1/99	17	3	0/4/96	0	1	65/24/12	
Khulna	Bagerhat	26	3	0/1/99	18	4	0/7/93	0	0	39/50/11
	Chuadanga	26	3	0/3/97	17	3	0/3/97	7	6	25/61/13
	Jessore	27	4	0/1/99	17	3	0/3/97	0	1	25/62/12
	Jhenaidah	26	4	0/0/100	17	3	0/4/96	5	4	35/51/14
	Khulna	26	3	0/1/99	18	4	0/6/94	0	0	34/53/13
	Kushtia	25	3	0/3/97	17	3	0/3/97	3	3	35/51/14
	Magura	26	4	0/1/99	17	3	0/3/97	2	2	27/62/11
	Meherpur	25	3	0/3/97	17	3	0/3/97	7	6	25/60/14
	Narail	27	4	0/1/99	17	3	0/3/97	0	0	35/51/14
Satkhira	26	3	0/1/99	18	3	0/18/82	0	0	32/53/14	
Barisal	Barguna	26	2	0/1/99	19	4	0/2/98	2	2	37/50/12
	Barisal	26	3	0/1/99	18	4	0/2/98	0	1	42/48/11
	Bhola	25	2	0/0/100	19	3	0/0/100	0	1	43/49/8
	Jhalokati	27	4	0/1/99	18	4	0/2/98	0	1	44/43/14
	Patuakhali	25	2	0/1/99	19	4	0/0/100	2	2	44/44/12
Pirojpur	27	4	0/1/99	18	4	0/2/98	0	1	42/45/13	
Sylhet	Habiganj	27	2	0/0/100	18	4	0/2/98	0	-1	69/21/11
	Maulvibazar	27	2	0/1/99	19	4	0/2/98	0	0	56/33/11
	Sunamganj	26	2	0/0/100	17	3	0/2/98	0	0	61/23/16
	Sylhet	26	2	0/3/97	17	3	0/2/98	2	2	56/24/20

2.6 Guidance

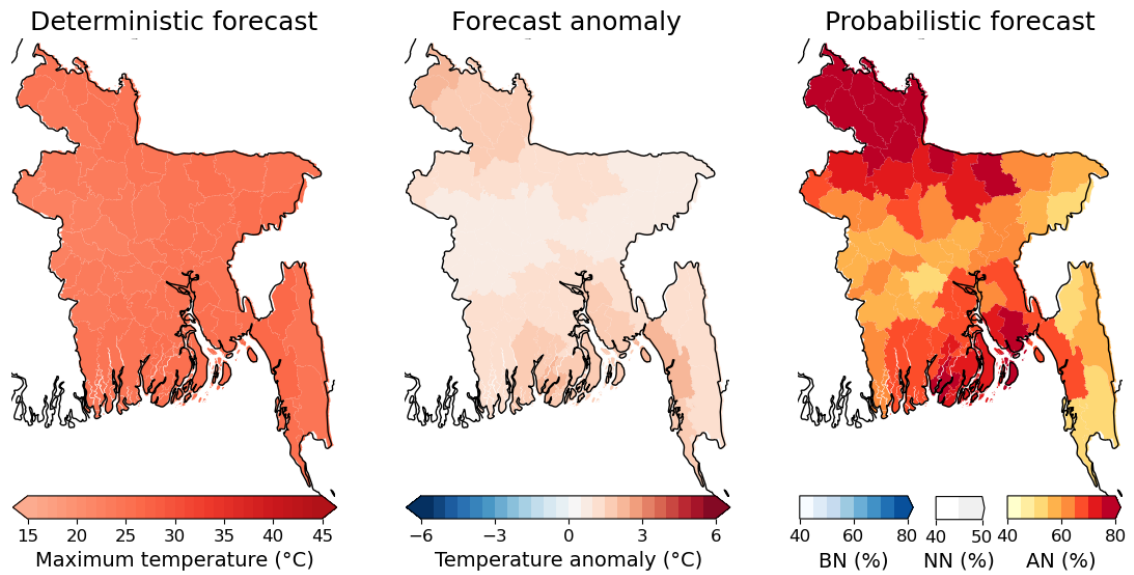
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 05.01.2024 to 18.01.2024)

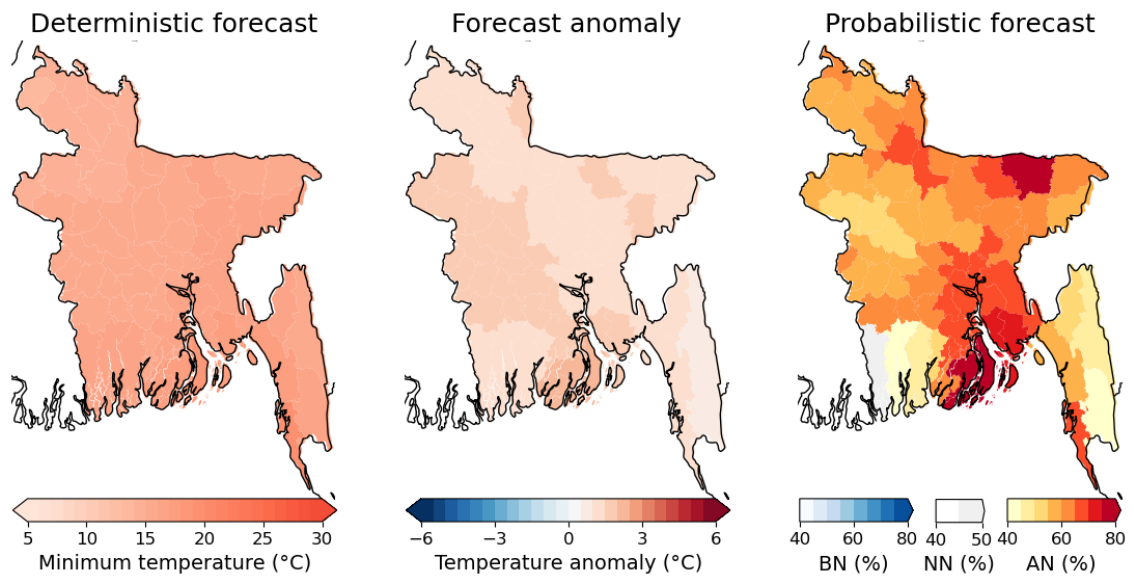
3.2 Significant Information

- Add here the text for significant information.

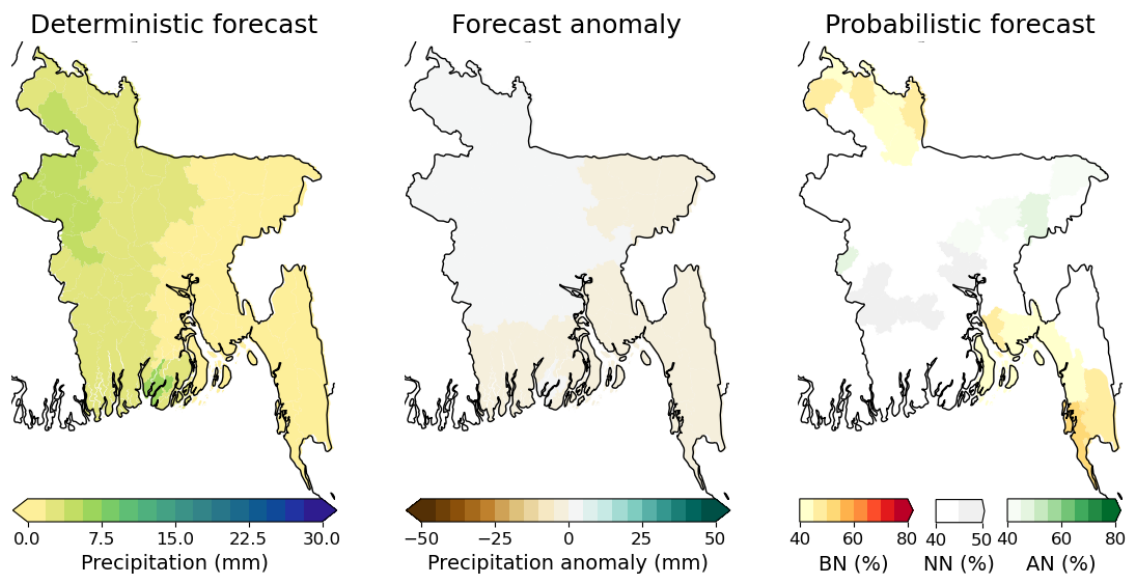
3.2 Maximum Temperature



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	16/28/56	16	1	11/21/68	0	1	19/47/34
	Faridpur	24	1	16/30/54	16	2	10/26/64	2	1	20/44/36
	Gazipur	24	1	14/30/56	16	1	11/30/59	0	0	22/37/41
	Gopalganj	24	1	18/25/58	16	2	7/29/64	2	2	21/45/34
	Kishoreganj	25	1	8/30/61	16	1	8/28/64	0	0	23/35/42
	Madaripur	24	1	15/19/66	16	2	10/25/66	0	1	21/45/34
	Manikganj	24	1	15/27/58	16	2	14/25/61	2	1	23/40/37
	Munshiganj	24	1	16/18/65	16	1	11/21/68	0	0	20/46/33
	Narayanganj	25	1	16/20/64	16	1	11/22/67	0	0	22/46/33
	Narsingdi	24	1	17/22/61	16	1	12/23/65	0	0	25/38/38
Rajbari	23	1	14/25/61	16	2	11/29/59	3	2	20/44/37	
Shariatpur	25	1	15/19/65	16	1	12/23/66	0	0	21/44/34	
Rajshahi	Bogra	24	1	6/23/71	15	1	11/29/60	4	2	26/35/39
	Joypurhat	24	2	7/16/77	15	1	13/25/62	4	3	34/36/31
	Naogaon	23	1	6/20/74	15	2	12/30/59	5	2	24/37/39
	Natore	23	1	5/31/64	15	2	9/36/54	4	2	21/41/38
	Nawabganj	23	1	6/29/65	15	2	11/32/57	5	2	22/39/38
	Pabna	23	1	12/28/60	15	2	9/38/53	3	2	20/43/37
	Rajshahi	23	1	5/30/65	15	2	9/36/55	5	2	23/38/40
Rangpur	Sirajganj	23	1	7/25/67	15	2	12/31/57	3	2	23/38/40
	Dinajpur	24	2	5/10/84	14	1	16/26/58	5	4	38/35/26
	Gaibandha	24	2	7/14/80	15	1	14/20/67	3	2	41/28/31
	Kurigram	24	2	6/13/82	15	2	17/20/63	3	2	48/21/31
	Lalmonirhat	24	2	6/11/83	15	1	20/20/60	4	3	43/30/27
	Nilphamari	24	2	6/11/83	14	1	19/22/59	4	3	46/28/26
	Panchagarh	24	2	6/12/82	14	1	14/22/64	2	1	40/33/27
Rangpur	24	2	5/12/83	14	1	18/21/62	3	2	42/31/28	
Thakurgaon	24	2	5/11/84	14	1	18/24/59	3	2	46/30/24	
Mymensingh	Jamalpur	24	1	5/23/72	15	1	11/22/67	3	1	27/36/37
	Mymensingh	25	1	3/27/70	16	1	10/27/63	2	1	26/35/39
	Netrakona	25	1	3/22/75	16	2	6/26/68	0	0	28/34/38
	Sherpur	25	1	5/20/75	15	1	10/27/63	3	1	31/33/36
Chittagong	Bandarban	24	1	14/36/50	16	1	10/46/44	0	0	45/22/33
	Brahamanbaria	24	1	15/24/60	16	1	7/32/61	0	0	24/38/39
	Chandpur	25	2	17/18/65	16	1	8/26/66	0	0	23/41/36
	Chittagong	26	2	5/29/66	18	1	3/40/58	0	0	44/26/30
	Comilla	25	1	17/17/66	16	1	7/25/69	0	-1	21/44/35
	Cox's Bazar	25	2	10/36/54	19	1	4/27/69	0	-1	54/19/27
	Feni	26	1	10/23/67	17	1	5/27/68	0	0	43/23/34
	Khagrachhari	26	1	13/33/54	16	1	5/41/54	0	0	38/29/33
	Lakshmipur	25	2	13/17/70	17	2	5/24/72	0	-1	45/18/37
Khulna	Noakhali	25	2	7/17/76	18	2	5/21/75	0	0	44/21/35
	Rangamati	25	1	11/34/55	16	1	16/37/47	0	0	36/31/33
	Bagerhat	25	2	9/21/70	17	1	6/46/48	3	-1	33/33/34
	Chuadanga	23	1	11/30/59	15	2	7/34/59	3	3	18/43/40
	Jessore	24	1	13/27/59	16	2	7/33/60	3	2	16/51/33
	Jhenaidah	23	1	12/27/61	16	2	7/35/58	3	2	17/46/37
	Khulna	24	1	9/26/65	16	1	8/50/42	3	0	25/39/37
	Kushtia	23	1	11/29/60	15	2	9/34/57	4	2	18/43/39
	Magura	23	1	14/28/58	16	2	7/36/57	3	2	22/43/34
Barisal	Meherpur	23	1	11/31/59	15	2	6/32/61	3	3	21/33/45
	Narail	24	1	16/26/58	16	2	7/30/63	4	3	20/46/34
	Satkhira	24	1	12/27/60	16	1	14/47/39	2	0	25/38/37
	Barguna	25	2	7/17/76	17	2	3/36/61	6	1	33/32/35
	Barisal	25	1	13/20/67	16	2	3/29/68	0	0	37/26/37
	Bhola	25	2	5/20/74	18	2	3/19/78	0	-1	44/20/35
Sylhet	Jhalokati	25	2	10/19/71	16	2	3/29/67	0	-1	35/29/36
	Patuakhali	25	2	7/18/75	18	2	3/21/76	2	-1	35/29/36
	Pirojpur	25	2	11/20/69	16	1	3/44/53	2	0	36/28/36
	Habiganj	25	1	9/34/57	17	2	7/31/62	0	-1	21/33/46
	Maulvibazar	26	1	12/34/54	17	1	12/29/59	0	-1	23/41/36

	Sunamganj	25	1	6/32/63	16	1	4/19/76	0	-1	25/37/38
	Sylhet	25	1	14/30/55	16	1	5/33/61	0	0	25/34/41

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)