



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 15 December 2023

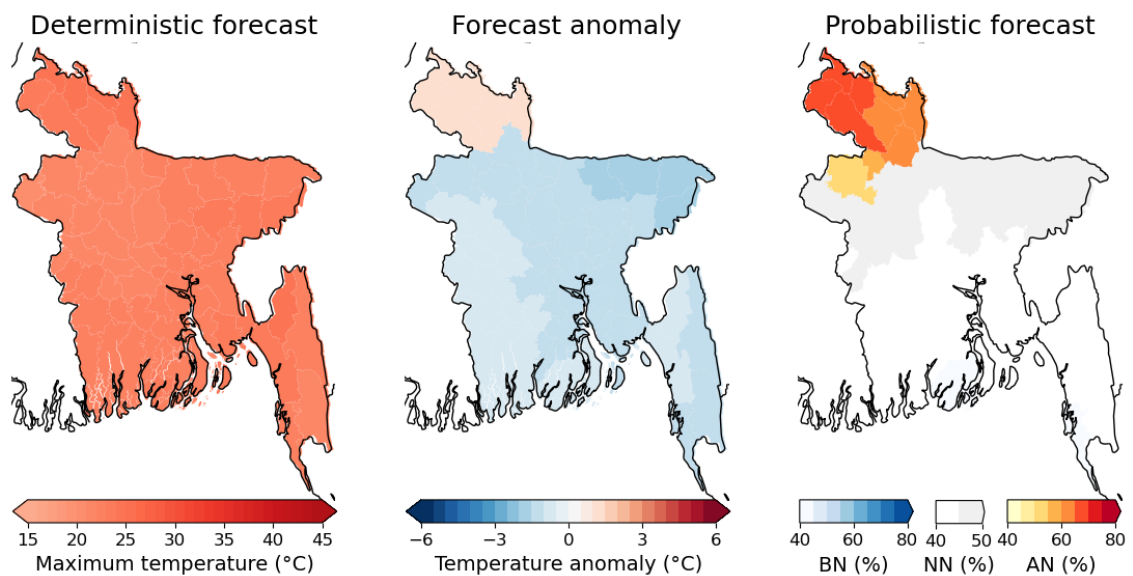
Subject: Experimental Sub-seasonal forecast for Bangladesh during 15.12.2023 to 11.01.2024

1. Weather Forecast for week 1 (Period: 15.12.2023 to 21.12.2023)

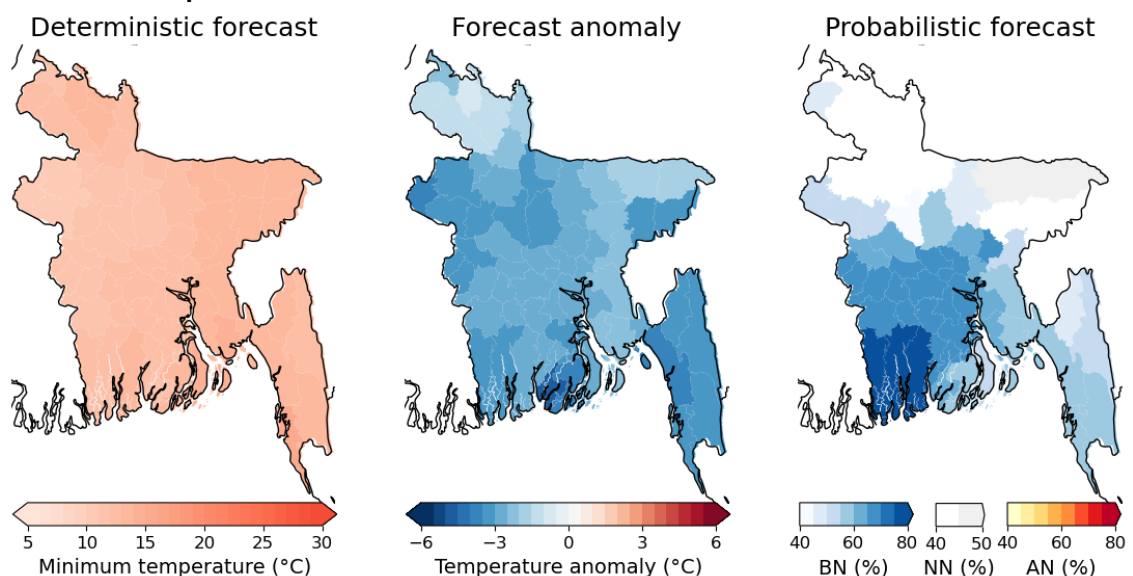
1.1 Significant Information

- Add here the text for significant information.

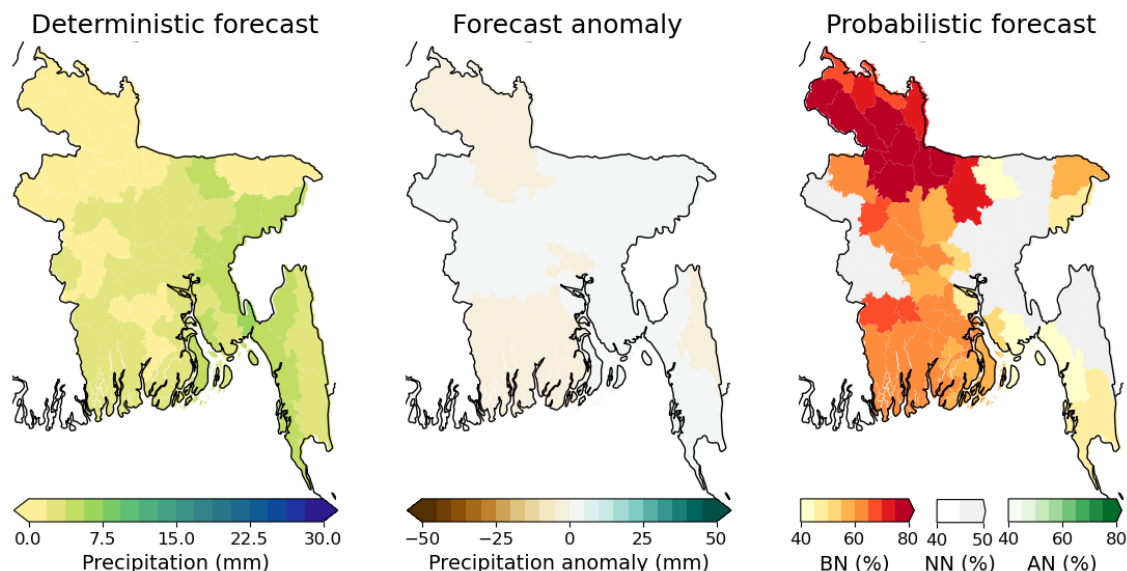
1.2 Maximum Temperature



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	22	-1	33/40/27	12	-3	66/1/33	3	0	53/28/19
	Faridpur	22	-1	33/38/29	12	-3	67/11/22	3	1	59/36/6
	Gazipur	22	-1	26/49/25	13	-3	65/5/31	3	0	30/51/19
	Gopalganj	22	-1	33/37/30	12	-3	67/28/6	0	0	63/32/6
	Kishoreganj	23	-1	22/62/16	14	-2	40/30/31	3	2	24/62/14
	Madaripur	22	-1	33/37/30	12	-3	67/0/33	0	0	60/26/14
	Manikganj	22	-1	30/42/29	12	-3	66/3/31	3	1	61/31/8
	Munshiganj	22	-1	33/38/29	13	-3	65/1/33	3	0	28/53/19
	Narayanganj	22	-1	35/38/27	13	-3	65/2/33	3	0	20/60/19
	Narsingdi	23	-1	34/43/24	13	-3	65/2/33	5	2	18/65/17
	Rajbari	22	-1	27/44/29	12	-3	66/9/25	3	1	62/33/6
Shariatpur	22	-1	33/38/29	13	-3	67/0/33	2	1	45/41/14	
Rajshahi	Bogra	21	-1	25/50/25	12	-3	35/40/25	0	-1	92/5/3
	Joypurhat	21	-1	15/26/59	12	-3	36/36/28	0	-1	96/4/0
	Naogaon	21	-1	19/28/53	11	-3	39/36/25	0	1	64/36/0
	Natore	21	-1	24/49/27	11	-3	50/28/22	2	2	65/32/3
	Nawabganj	21	-1	21/58/21	10	-4	50/30/19	0	0	33/67/0
	Pabna	22	-1	22/50/29	12	-3	62/13/25	0	0	63/34/3
	Rajshahi	21	-1	26/47/27	11	-3	50/25/25	0	0	33/64/3
	Sirajganj	22	-1	22/51/27	12	-3	44/34/22	2	1	62/35/3
Rangpur	Dinajpur	24	1	2/33/65	13	-1	38/29/33	0	-1	96/4/0
	Gaibandha	22	-1	21/19/60	12	-2	36/31/33	0	0	94/6/0
	Kurigram	24	1	11/27/62	13	-2	32/35/33	0	0	73/27/0
	Lalmonirhat	24	1	4/33/63	13	-1	38/29/33	0	0	65/34/1
	Nilphamari	24	1	1/34/65	13	-1	37/30/33	0	-1	70/30/0
	Panchagarh	24	1	0/33/67	12	-2	37/30/33	0	0	68/32/0
	Rangpur	24	1	7/31/62	13	-1	34/33/33	0	-1	92/8/0
Thakurgaon	24	1	3/30/67	13	-1	46/21/33	0	0	83/17/0	
Mymen- singh	Jamalpur	22	-1	19/57/24	12	-3	35/40/25	0	0	90/10/0
	Mymen- singh	23	-1	16/70/14	13	-3	46/32/22	3	2	72/23/6
	Netrakona	23	-2	9/82/8	13	-2	18/60/23	4	3	41/53/6
	Sherpur	22	-1	11/76/13	12	-3	35/40/25	0	0	86/14/0
Chitta- gong	Bandarban	22	-1	39/37/24	13	-3	58/34/8	4	0	47/18/35
	Brahamanba ria	23	-1	36/44/21	13	-2	50/16/33	4	2	16/69/15
	Chandpur	22	-1	33/38/29	13	-3	64/3/33	3	1	24/58/18
	Chittagong	23	-1	33/38/29	14	-4	58/14/28	5	1	41/24/35
	Comilla	23	-1	33/40/27	13	-2	58/9/33	5	1	18/63/18
Cox's Bazar	23	-1	40/39/21	15	-3	57/11/32	4	2	46/19/35	

	Feni	24	-1	33/39/29	13	-3	58/9/33	6	1	29/45/25
	Khagrachhari	24	-1	31/44/25	13	-3	49/18/33	5	1	10/61/29
	Lakshmipur	23	-1	33/38/29	14	-2	62/5/33	4	1	51/34/15
	Noakhali	23	-1	33/38/29	15	-2	57/10/33	4	1	43/26/31
	Rangamati	23	-1	35/40/25	13	-3	53/38/8	4	0	15/53/32
Khulna	Bagerhat	23	-1	39/31/30	13	-3	86/14/0	2	-1	63/29/7
	Chuadanga	22	-1	24/46/30	11	-3	66/20/14	2	1	33/61/6
	Jessore	22	-1	35/38/27	12	-3	67/31/3	2	0	67/28/6
	Jhenaidah	22	-1	26/43/30	12	-3	66/23/11	2	1	33/64/3
	Khulna	23	-1	39/31/30	12	-3	94/6/0	3	-1	63/29/7
	Kushtia	22	-1	21/48/30	11	-3	63/15/22	0	1	33/61/6
	Magura	22	-1	31/39/30	12	-3	67/22/11	3	1	33/64/3
	Meherpur	22	-1	25/45/30	11	-3	66/17/17	2	2	33/61/6
	Narail	22	-1	33/37/30	12	-3	67/28/6	2	0	65/29/6
	Satkhira	23	-1	39/40/21	13	-3	100/0/0	2	-1	63/31/6
	Barisal	Barguna	23	-1	42/27/32	12	-5	63/37/0	2	0
Barisal		22	-1	33/37/30	12	-3	67/0/33	2	0	61/32/7
Bhola		23	-1	35/35/30	14	-3	52/14/33	4	0	55/36/9
Jhalokati		22	-1	36/32/32	13	-3	67/28/6	2	0	60/33/7
Patuakhali		23	-1	42/28/30	13	-4	57/15/28	2	0	60/32/9
Pirojpur		22	-1	39/29/32	13	-3	67/33/0	0	0	60/33/7
Sylhet	Habiganj	23	-1	26/61/13	13	-3	31/35/33	5	3	24/63/13
	Maulvibazar	24	-2	29/63/8	13	-3	32/33/35	5	3	48/39/13
	Sunamganj	22	-2	10/82/8	14	-2	11/62/26	2	1	37/58/6
	Sylhet	22	-2	17/46/37	14	-2	22/51/27	0	0	56/35/8

1.6 Guidance

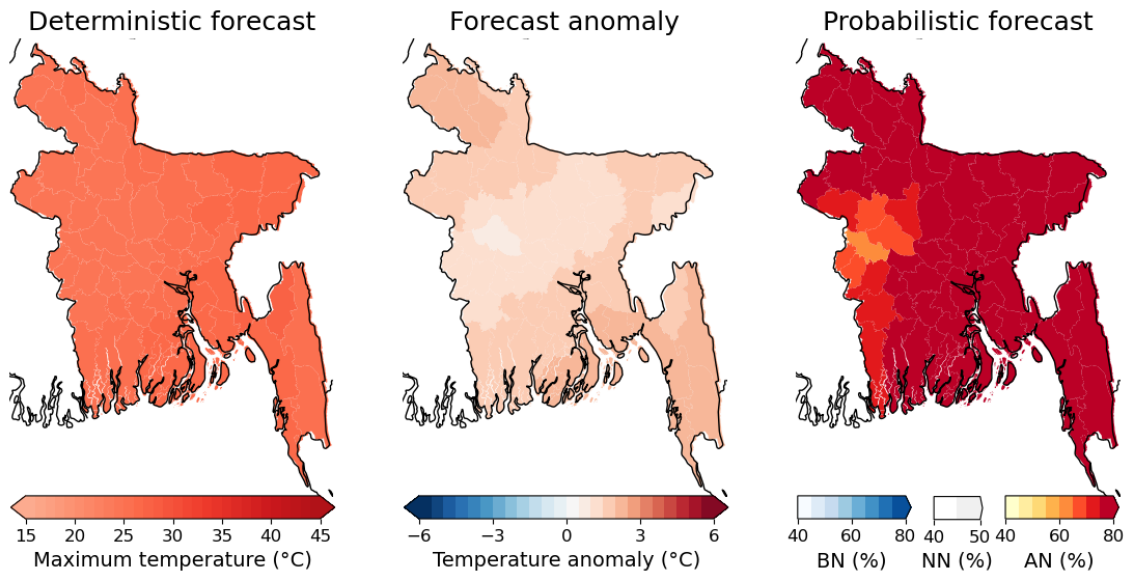
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 22.12.2023 to 28.12.2023)

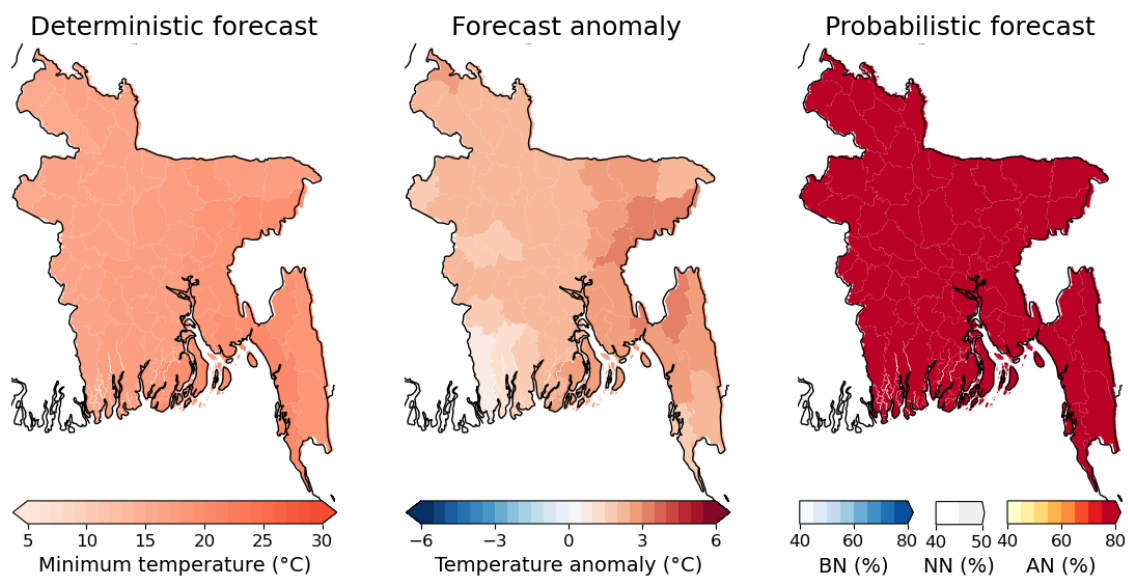
2.1 Significant Information

- Add here the text for significant information.

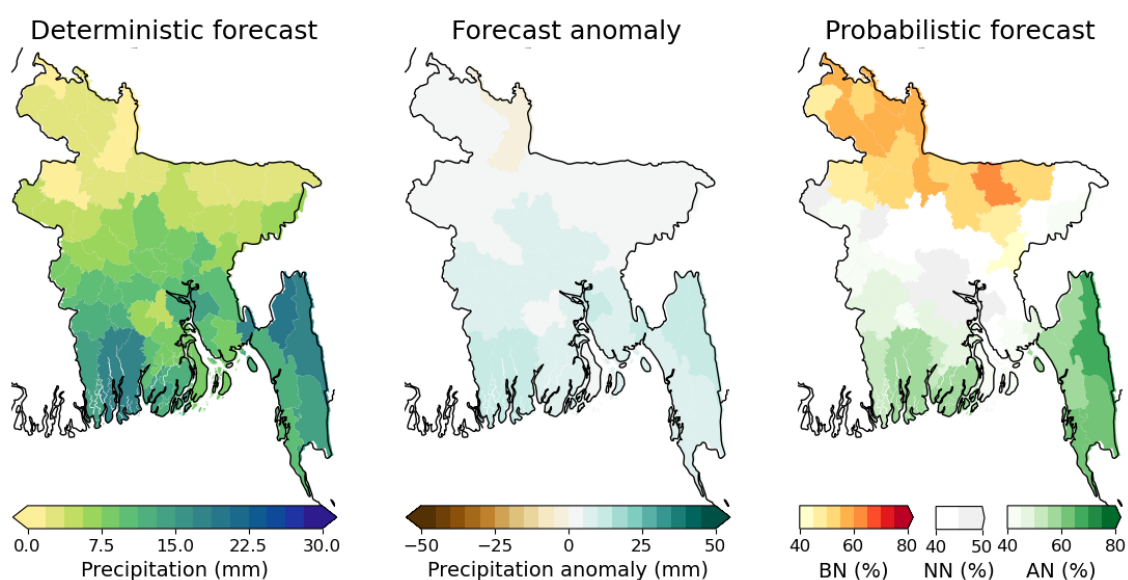
2.2 Maximum Temperature



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	25	1	5/13/82	18	2	0/12/88	9	7	16/48/35
	Faridpur	25	1	6/14/80	17	2	0/10/90	10	8	15/46/39
	Gazipur	25	1	6/15/78	18	2	0/8/92	8	6	22/42/36
	Gopalganj	25	2	7/12/80	18	2	0/11/89	6	4	14/40/46
	Kishoreganj	26	1	2/15/83	19	3	0/2/98	5	3	47/21/31
	Madaripur	26	2	7/13/80	18	2	0/8/92	5	3	15/45/39
	Manikganj	25	1	7/14/79	17	2	0/14/86	9	7	18/45/37
	Munshiganj	26	2	6/13/82	18	2	0/8/92	10	8	16/47/38
	Narayanganj	26	2	5/13/82	18	2	0/6/94	10	8	21/41/38
	Narsingdi	26	1	4/12/84	18	3	0/2/98	10	8	25/43/32
	Rajbari	24	1	7/18/75	17	2	0/8/92	8	6	14/44/42
Shariatpur	26	2	8/12/81	18	2	0/7/93	11	9	15/48/37	
Rajshahi	Bogra	25	2	4/17/79	17	2	0/15/85	3	1	53/14/34
	Joypurhat	25	2	3/14/83	16	2	0/15/85	2	0	52/13/35
	Naogaon	25	2	3/13/84	16	2	0/15/85	2	1	45/19/35
	Natore	24	1	6/26/68	17	2	0/11/89	5	4	13/48/39
	Nawabganj	24	2	5/12/83	16	2	0/13/87	4	3	17/46/36

Rangpur	Pabna	24	1	6/25/69	17	2	0/8/92	6	5	19/44/37
	Rajshahi	24	2	7/18/75	16	2	0/13/87	5	4	16/43/41
	Sirajganj	24	1	6/22/72	17	2	0/16/84	7	5	23/42/34
	Dinajpur	25	2	1/9/90	16	2	5/15/80	3	2	57/8/35
	Gaibandha	25	2	2/12/86	17	2	0/15/85	2	0	55/13/32
	Kurigram	25	2	1/10/89	17	2	6/15/79	2	0	60/10/30
	Lalmonirhat	25	2	2/10/88	16	2	8/13/79	2	0	56/15/29
	Nilphamari	25	2	2/10/88	16	2	10/14/76	3	1	53/18/29
	Panchagarh	25	2	2/8/90	16	3	0/13/87	0	0	57/12/30
Mymen-singh	Rangpur	25	2	2/10/89	16	2	8/12/81	2	1	58/10/32
	Thakurgaon	25	2	2/9/90	16	2	3/17/80	2	1	50/20/30
	Jamalpur	25	2	2/13/84	17	2	0/18/82	2	0	58/9/33
	Mymen-singh	26	1	1/17/82	18	2	0/8/92	4	1	53/13/34
Chitta-gong	Netrakona	26	1	1/9/91	18	3	0/3/97	4	1	61/5/34
	Sherpur	25	2	1/13/86	17	2	0/17/83	3	1	55/12/33
	Bandarban	25	2	2/16/83	18	2	0/8/92	13	9	12/27/62
	Brahamanbaria	26	2	3/13/84	19	3	0/2/98	7	4	40/30/30
	Chandpur	26	2	6/6/87	18	3	0/4/96	15	12	19/47/35
	Chittagong	27	2	2/5/93	20	3	0/3/97	11	7	20/25/55
	Comilla	26	2	5/8/87	19	3	0/3/97	11	8	32/33/35
	Cox's Bazar	26	2	2/7/91	21	2	0/3/97	10	5	11/27/62
	Feni	27	2	3/5/92	19	3	0/2/98	17	12	28/27/45
	Khagrachhari	27	2	0/14/86	19	3	0/0/100	19	15	24/19/57
Khuina	Lakshmipur	27	2	6/5/88	19	3	0/4/96	10	5	19/42/38
	Noakhali	27	2	5/5/90	20	3	0/4/96	9	6	26/32/41
	Rangamati	26	2	0/11/89	19	3	0/5/95	18	14	22/12/66
	Bagerhat	26	2	7/11/82	18	2	0/13/87	19	15	10/32/59
	Chuadanga	24	1	7/27/66	17	2	0/7/93	9	6	8/48/44
	Jessore	25	1	6/21/73	17	2	0/12/88	12	10	8/46/46
	Jhenaidah	24	1	7/21/72	17	2	0/7/93	10	8	8/46/46
	Khulna	26	2	8/14/79	17	1	0/16/84	17	13	11/32/57
	Kushtia	24	1	6/29/65	16	2	0/16/84	7	5	11/46/42
	Magura	25	1	5/18/77	17	2	0/8/92	10	8	8/45/47
Barisal	Meherpur	24	1	7/26/67	17	2	0/11/89	8	6	10/49/41
	Narail	25	2	6/14/80	17	2	0/8/92	11	10	13/43/44
	Satkhira	25	2	8/21/71	17	1	0/25/75	14	10	7/39/54
	Barguna	26	2	6/7/86	19	2	0/10/90	14	9	11/33/56
	Barisal	26	2	7/12/81	18	2	0/5/95	9	6	12/42/47
	Bhola	26	2	5/5/90	20	3	0/5/95	9	4	8/49/43
	Jhalokati	26	2	6/10/83	18	2	0/5/95	9	6	12/39/49
Sylhet	Patuakhali	26	2	6/5/89	19	3	0/6/94	11	7	8/36/56
	Pirojpur	26	2	7/10/83	17	2	0/9/91	11	8	12/35/52
	Habiganj	27	2	1/14/85	19	3	0/1/99	5	1	39/28/33
	Maulvibazar	27	1	1/10/89	19	3	0/4/96	6	3	26/30/44
Sylhet	Sunamganj	26	2	1/5/94	18	3	0/2/98	3	1	53/14/34
	Sylhet	26	2	1/11/88	18	2	0/3/97	3	1	29/35/36

2.6 Guidance

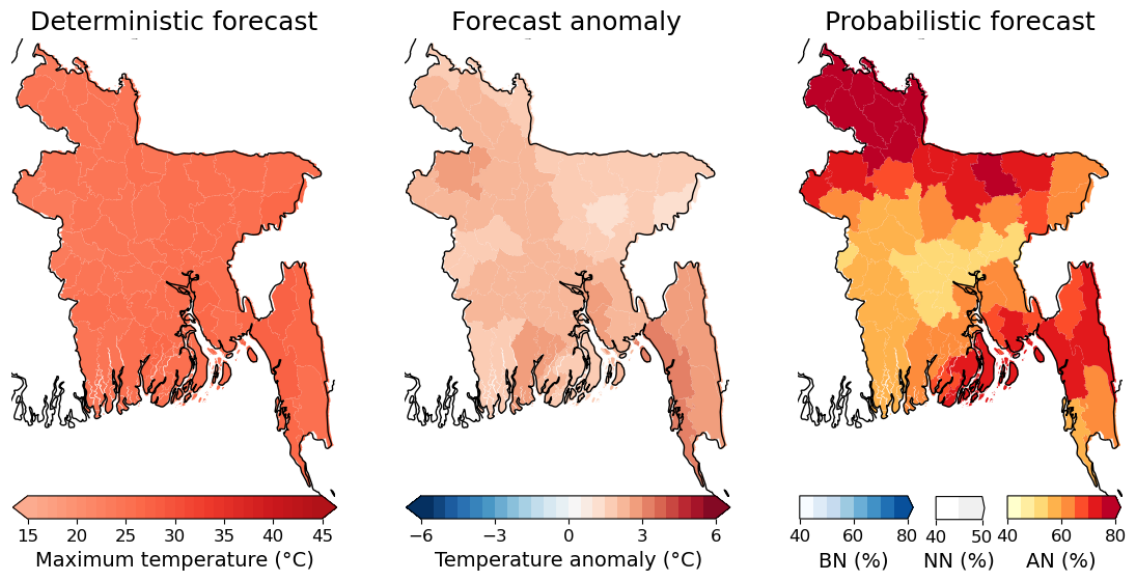
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 29.12.2023 to 11.01.2024)

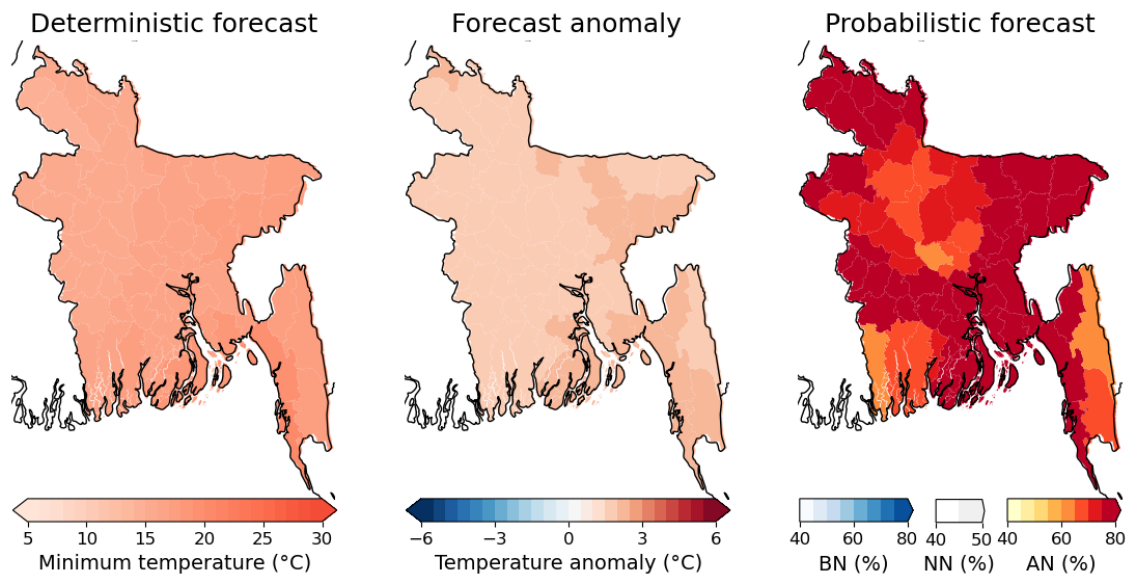
3.2 Significant Information

- Add here the text for significant information.

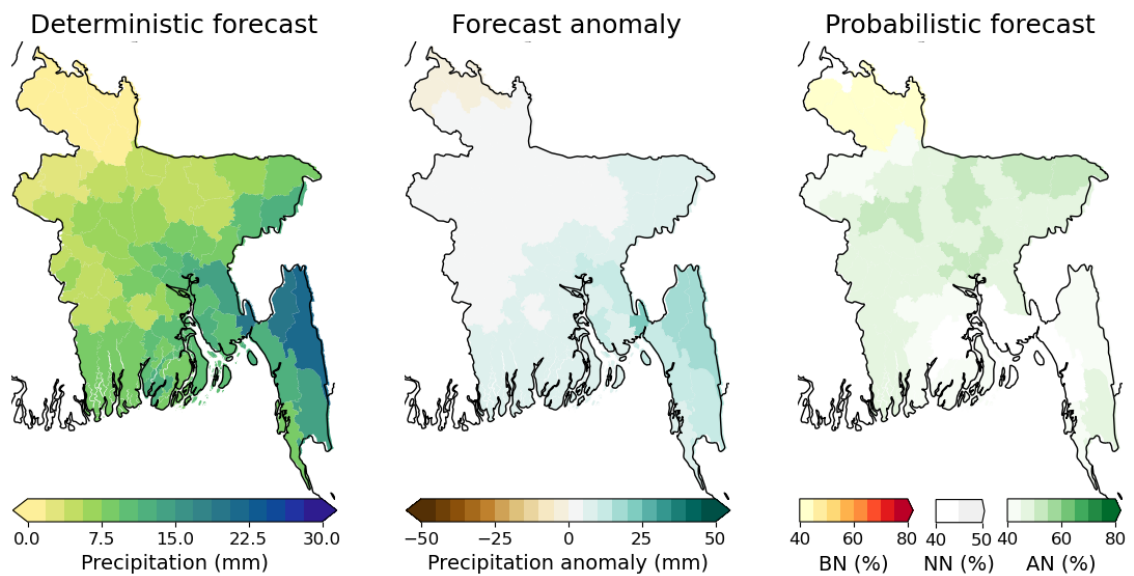
3.2 Maximum Temperature



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	2	18/30/52	16	2	4/29/67	11	10	22/26/51
	Faridpur	25	2	21/28/51	16	2	6/19/75	8	7	23/32/45
	Gazipur	25	2	15/30/55	17	2	7/25/68	9	8	22/28/50
	Gopalganj	25	2	22/23/55	16	2	2/23/75	6	5	24/34/42
	Kishoreganj	25	1	14/24/62	17	2	0/21/79	5	4	20/32/48
	Madaripur	25	2	23/23/54	16	2	0/23/76	6	5	25/33/43
	Manikganj	25	2	19/28/52	16	2	10/25/65	8	7	23/27/50
	Munshiganj	25	2	22/27/51	16	2	0/24/76	9	9	25/27/49
	Narayanganj	26	2	21/27/52	17	2	0/24/76	11	11	17/30/53
	Narsingdi	25	2	17/32/51	17	2	0/22/78	9	9	22/27/51
Rajbari	25	2	21/25/54	16	2	9/16/75	6	5	22/32/46	
Shariatpur	25	2	24/14/62	17	2	0/21/78	8	7	23/37/41	
Rajshahi	Bogra	25	2	10/21/70	16	2	4/31/65	4	3	23/28/49
	Joypurhat	25	3	10/15/75	15	2	5/23/72	2	1	29/29/42
	Naogaon	24	3	9/18/73	15	2	5/20/75	2	1	22/34/44
	Natore	24	2	15/25/60	16	2	8/19/74	6	4	23/26/50
	Nawabganj	24	2	14/16/70	15	2	6/16/78	3	1	23/34/42
	Pabna	24	2	18/26/57	16	2	10/19/71	6	4	23/27/50
	Rajshahi	24	2	15/23/62	15	2	8/19/73	4	3	22/28/50
Rangpur	Sirajganj	25	2	15/25/60	16	2	10/24/66	6	5	24/26/51
	Dinajpur	24	2	7/9/84	15	2	10/11/79	0	0	43/16/41
	Gaibandha	24	2	8/14/77	15	2	5/20/75	2	1	35/23/42
	Kurigram	25	2	7/14/79	15	2	11/13/76	0	0	45/21/34
	Lalmonirhat	25	2	7/13/81	15	2	11/13/75	0	0	44/21/35
	Nilphamari	25	2	7/11/82	15	2	13/10/77	0	0	44/22/35
	Panchagarh	24	2	5/11/84	15	2	7/15/79	0	0	37/24/38
Rangpur	25	2	8/10/83	15	2	10/12/77	0	0	45/20/36	
Mymensingh	Thakurgaon	24	2	4/11/85	14	2	12/8/80	0	0	43/21/36
	Jamalpur	25	2	8/19/73	16	2	3/28/69	5	3	22/32/46
	Mymensingh	25	2	8/20/72	17	2	7/20/72	6	4	22/28/51
	Netrakona	25	2	6/18/76	17	2	6/11/83	5	4	20/32/48
Chittagong	Sherpur	25	2	7/18/75	16	2	4/25/70	4	3	22/30/48
	Bandarban	26	3	18/21/61	18	2	6/29/65	14	11	24/31/45
	Brahamanbaria	25	2	18/28/54	17	2	0/19/81	8	6	25/27/49
	Chandpur	26	3	23/15/62	17	2	0/20/80	10	9	19/41/40
	Chittagong	27	3	12/18/70	19	2	3/15/82	12	10	34/28/39
	Comilla	26	2	21/16/64	17	2	0/19/81	14	13	22/29/49
	Cox's Bazar	27	3	16/29/55	20	2	0/14/86	8	6	33/25/42
	Feni	27	2	15/19/66	18	2	0/16/84	21	20	32/29/39
	Khagrachhari	27	3	12/22/66	18	2	3/20/77	20	19	31/29/40
	Lakshmipur	26	3	20/14/66	17	2	0/18/82	12	11	27/36/37
Khulna	Noakhali	26	2	15/14/71	18	2	0/14/86	10	9	25/37/38
	Rangamati	26	3	13/17/70	17	2	6/33/61	22	19	19/38/43
	Bagerhat	26	3	19/20/61	17	2	6/25/70	9	8	24/32/44
	Chuadanga	24	2	22/22/56	16	2	7/14/79	6	4	22/31/47
	Jessore	25	2	22/20/59	16	2	7/13/80	6	4	23/32/45
	Jhenaidah	24	2	23/21/55	16	2	7/14/79	5	3	22/31/47
	Khulna	25	2	20/25/55	17	2	7/26/67	8	7	26/29/45
	Kushtia	24	2	19/23/58	16	2	7/18/75	5	4	23/31/46
	Magura	25	2	20/25/55	16	2	7/15/78	5	4	23/29/47
Barisal	Meherpur	24	2	21/25/53	16	2	4/16/79	6	4	24/29/47
	Narail	25	2	24/20/56	16	2	4/18/77	6	5	24/32/44
	Satkhira	25	2	19/25/56	17	2	10/25/64	8	7	30/25/45
	Barguna	25	2	17/16/67	18	2	6/11/83	11	10	22/36/42
	Barisal	26	2	22/16/63	17	2	0/18/82	10	9	24/38/38
	Bhola	25	2	13/14/73	18	2	0/4/96	10	8	25/35/41
Sylhet	Jhalokati	26	3	20/17/63	17	2	0/18/82	9	8	25/37/38
	Patuakhali	25	2	15/14/71	18	2	0/11/89	9	8	24/35/41
	Pirojpur	26	3	19/18/63	17	2	6/20/75	11	10	25/35/40
	Habiganj	26	2	13/20/67	18	2	3/13/84	10	8	22/30/48
	Maulvibazar	26	1	13/24/63	18	2	3/15/82	12	9	25/27/49

	Sunamganj	26	2	7/22/71	17	2	0/13/87	7	5	22/27/51
	Sylhet	26	2	12/25/63	17	2	0/18/82	8	6	24/24/52

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)