



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 05 December 2023

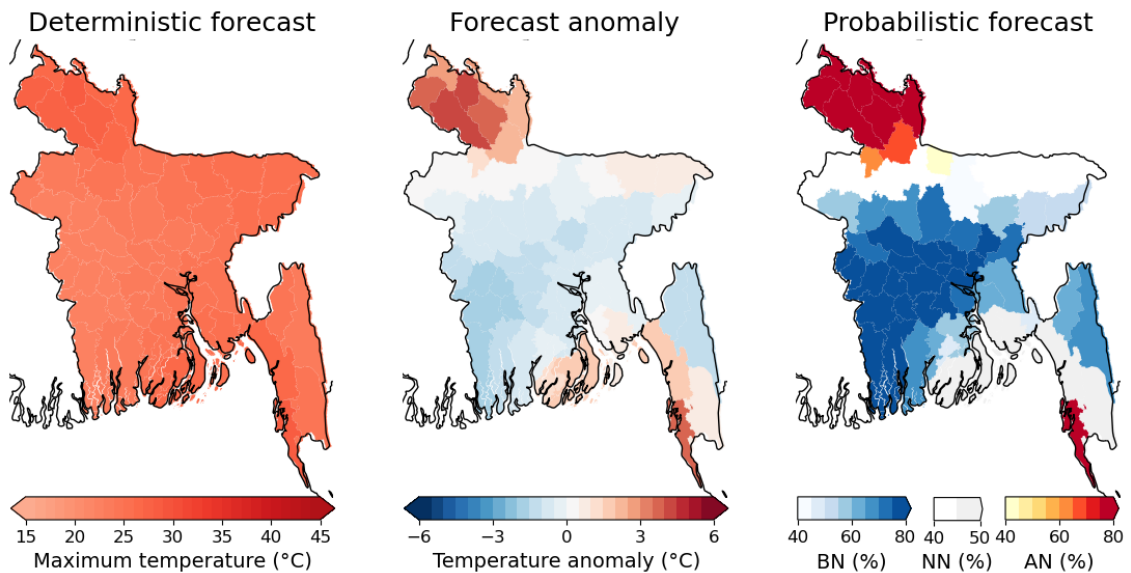
Subject: Experimental Sub-seasonal forecast for Bangladesh during 05.12.2023 to 01.01.2024

1. Weather Forecast for week 1 (Period: 05.12.2023 to 11.12.2023)

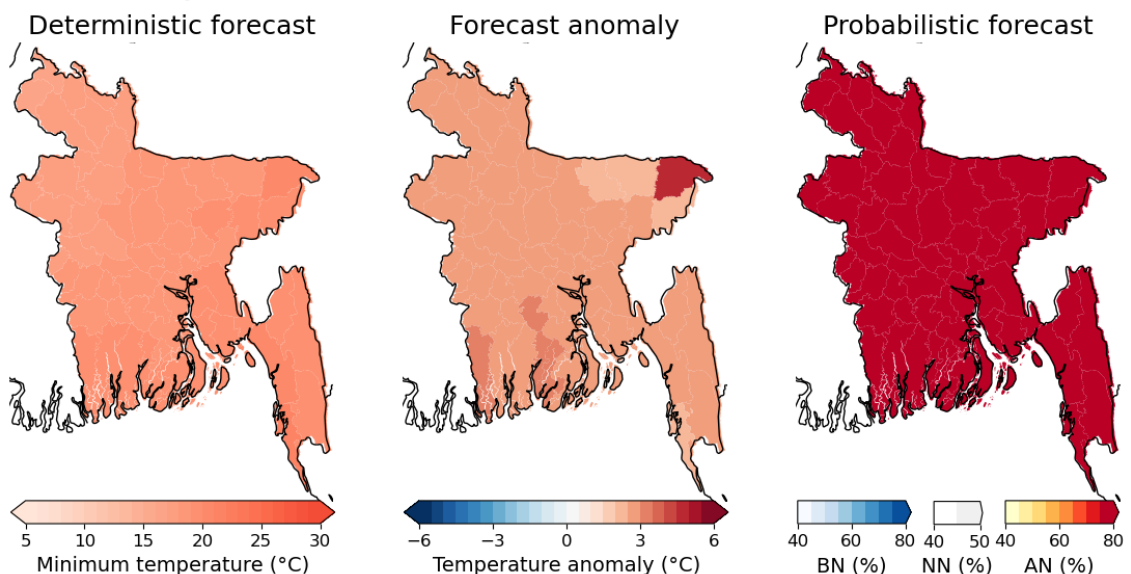
1.1 Significant Information

- Add here the text for significant information.

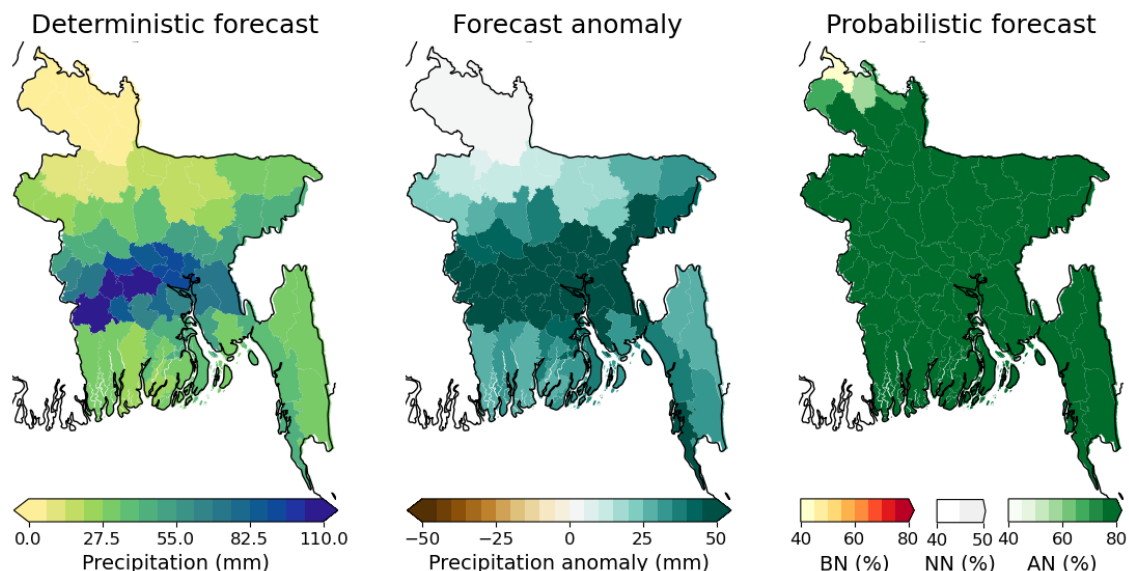
1.2 Maximum Temperature



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	24	-1	82/16/2	19	3	0/0/100	91	91	0/0/100
	Faridpur	23	-1	85/13/1	19	3	0/0/100	107	107	0/0/100
	Gazipur	24	-1	75/20/5	19	3	0/0/100	50	50	0/1/99
	Gopalganj	23	-1	89/10/1	19	3	0/0/100	67	67	0/0/100
	Kishoreganj	25	-1	55/32/13	19	3	0/0/100	22	22	0/2/98
	Madaripur	24	-1	79/20/1	19	3	0/0/100	77	77	0/0/100
	Manikganj	23	-1	80/16/4	18	3	0/0/100	89	89	0/0/100
	Munshiganj	24	-1	75/23/1	19	3	0/0/100	95	95	0/0/100
	Narayanganj	24	-1	79/19/1	19	3	0/0/100	88	88	0/0/100
	Narsingdi	24	-1	76/16/9	19	3	0/0/100	49	49	0/0/100
	Rajbari	23	-1	82/13/5	18	3	0/0/100	91	91	0/0/100
Shariatpur	24	-1	70/28/1	19	3	0/0/100	67	67	0/0/100	
Rajshahi	Bogra	24	0	40/38/22	18	3	0/0/100	12	12	0/4/96
	Joypurhat	25	1	26/14/60	18	3	0/0/100	7	7	0/5/95
	Naogaon	24	0	28/38/35	17	3	0/0/100	14	13	0/4/96
	Natore	23	-1	68/17/16	18	3	0/0/100	28	28	0/1/99
	Nawabganj	23	0	31/39/30	17	3	0/0/100	23	23	0/2/98
	Pabna	23	-1	75/13/12	18	3	0/0/100	43	43	0/0/100
	Rajshahi	23	0	59/25/16	18	3	0/0/100	21	21	0/1/99
	Sirajganj	23	-1	68/18/14	18	3	0/0/100	34	33	0/0/100
Rangpur	Dinajpur	27	4	7/10/83	17	3	0/0/100	2	1	4/10/86
	Gaibandha	26	2	16/19/65	18	3	0/0/100	5	4	4/6/89
	Kurigram	26	2	8/15/77	18	3	0/0/100	0	1	5/12/83
	Lalmonirhat	27	3	5/13/81	17	3	0/0/100	2	1	4/30/66
	Nilphamari	28	4	5/9/85	17	3	0/0/100	0	1	4/36/60
	Panchagarh	26	3	3/7/90	17	3	0/0/100	2	1	42/21/37
	Rangpur	27	4	9/12/79	18	3	0/0/100	0	1	4/11/85
Thakurgaon	27	4	3/6/90	17	3	0/0/100	2	2	4/28/68	
Mymen- singh	Jamalpur	24	0	35/29/35	18	3	0/0/100	15	15	0/5/95
	Mymen- singh	25	0	43/37/21	18	3	0/0/100	20	20	0/2/98
	Netrakona	25	0	36/28/35	18	2	0/0/100	16	16	0/2/98
	Sherpur	25	0	29/27/44	18	3	0/0/100	15	14	0/5/95
Chitta- gong	Bandarban	25	1	11/75/14	20	3	0/0/100	33	32	0/0/100
	Brahamanba ria	24	-1	72/20/8	19	3	0/0/100	52	51	0/0/100
	Chandpur	25	0	63/31/6	19	3	0/0/100	74	74	0/0/100
	Chittagong	27	2	10/80/10	21	3	0/0/100	39	39	0/0/100
	Comilla	25	0	63/31/6	19	3	0/0/100	73	73	0/0/100
Cox's Bazar	29	4	0/18/82	21	2	0/0/100	48	47	0/0/100	

	Feni	26	0	46/47/7	20	3	0/0/100	46	46	0/0/100
	Khagrachhari	25	-1	64/32/4	20	3	0/0/100	30	30	0/0/100
	Lakshmipur	25	0	38/56/6	19	3	0/0/100	49	49	0/0/100
	Noakhali	26	1	31/54/15	20	3	0/0/100	33	33	0/0/100
	Rangamati	23	-1	68/27/5	19	3	0/0/100	30	30	0/0/100
Khulna	Bagerhat	24	-1	66/33/1	19	3	0/0/100	26	26	0/0/100
	Chuadanga	22	-1	78/15/6	18	3	0/0/100	67	67	0/0/100
	Jessore	22	-2	89/9/1	18	3	0/0/100	104	104	0/0/100
	Jhenaidah	22	-2	84/10/6	18	3	0/0/100	75	75	0/0/100
	Khulna	23	-1	88/11/1	19	3	0/0/100	33	33	0/0/100
	Kushtia	23	-1	74/14/12	18	3	0/0/100	44	44	0/0/100
	Magura	22	-2	88/9/2	18	3	0/0/100	104	104	0/0/100
	Meherpur	22	-1	76/14/9	18	3	0/0/100	50	50	0/0/100
	Narail	23	-2	92/7/1	19	3	0/0/100	85	85	0/0/100
	Satkhira	23	-2	93/6/1	19	3	0/0/100	30	30	0/0/100
	Barisal	Barguna	26	1	32/60/8	19	3	0/0/100	27	27
Barisal		24	-1	59/40/1	19	3	0/0/100	42	42	0/0/100
Bhola		26	2	17/53/30	20	3	0/0/100	38	38	0/0/100
Jhalokati		25	0	48/50/1	19	3	0/0/100	33	33	0/0/100
Patuakhali		26	2	24/65/11	20	3	0/0/100	31	31	0/0/100
Pirojpur		24	0	61/37/1	19	3	0/0/100	35	35	0/0/100
Sylhet	Habiganj	25	-1	55/34/11	19	3	0/0/100	48	48	0/0/100
	Maulvibazar	26	0	51/34/15	19	2	0/0/100	42	41	0/1/99
	Sunamganj	26	1	33/28/39	18	2	0/0/100	29	29	0/2/98
	Sylhet	26	1	32/39/29	21	5	0/0/100	33	33	0/0/100

1.6 Guidance

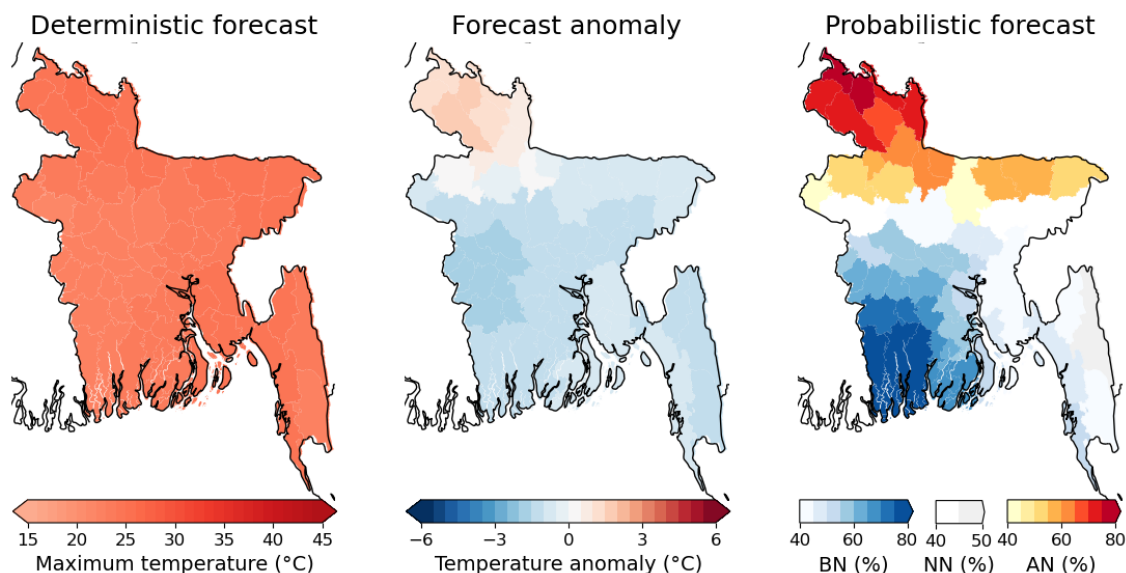
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 12.12.2023 to 18.12.2023)

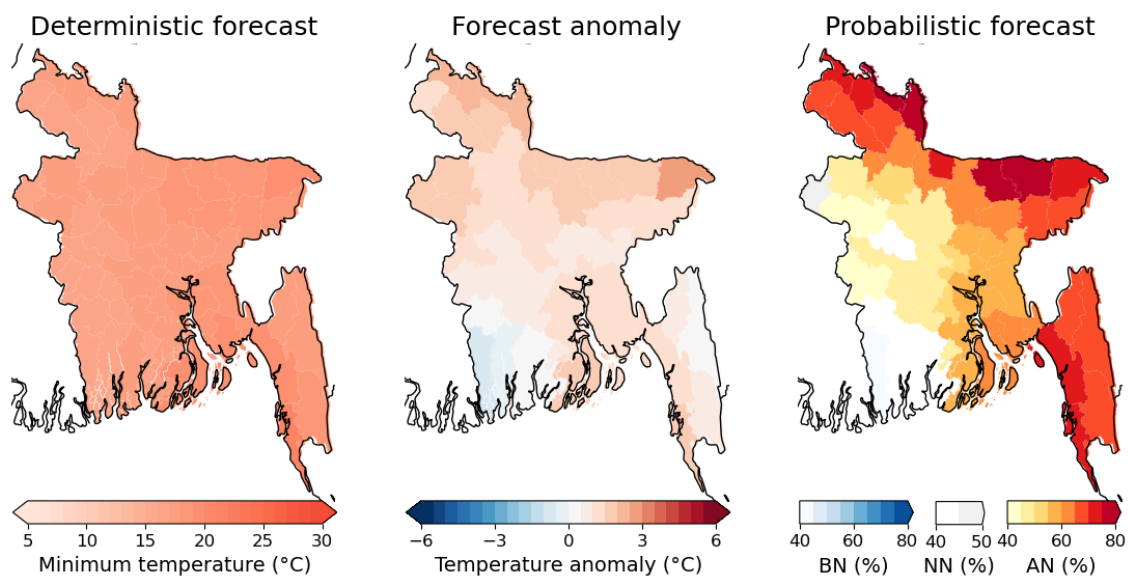
2.1 Significant Information

- Add here the text for significant information.

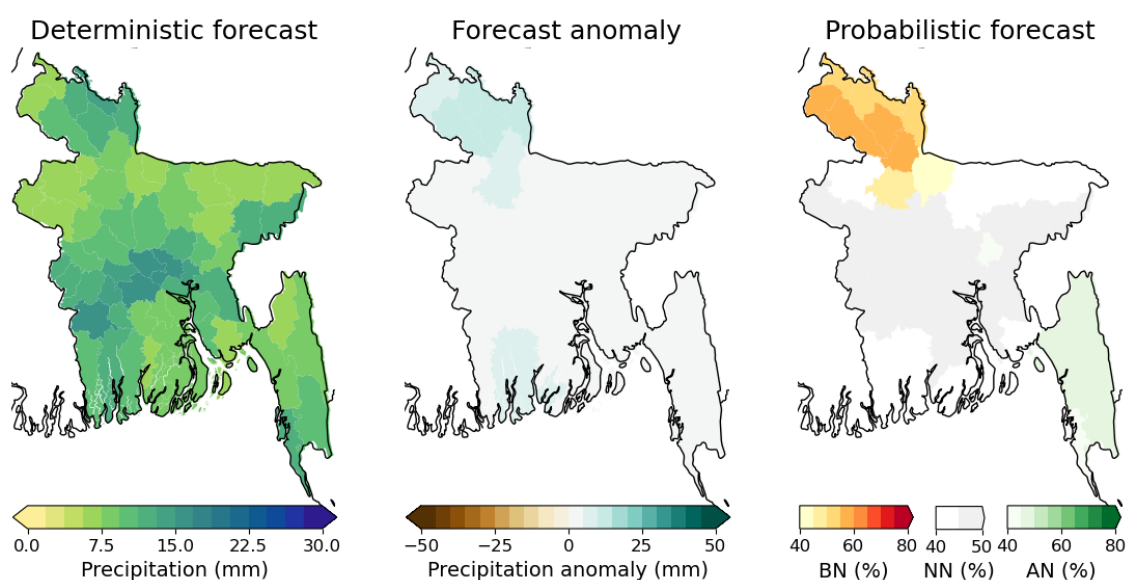
2.2 Maximum Temperature



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	23	-1	57/27/15	18	1	11/35/54	15	1	11/51/37
	Faridpur	23	-1	64/25/11	17	1	20/31/49	15	2	15/51/34
	Gazipur	23	-1	49/34/16	18	1	9/36/55	12	2	8/60/32
	Gopalganj	23	-1	68/21/11	17	1	21/30/49	9	2	19/47/34
	Kishoreganj	24	-1	37/28/35	18	1	7/29/64	7	1	13/52/35
	Madaripur	23	-1	59/26/15	18	1	15/32/54	9	1	20/46/34
	Manikganj	23	-1	60/33/8	17	1	15/35/50	15	2	15/51/34
	Munshiganj	24	-1	52/29/19	18	1	10/32/57	13	1	11/51/38
	Narayanganj	24	-1	52/25/23	18	1	10/31/59	15	1	0/63/37
	Narsingdi	23	-1	47/30/23	17	1	13/29/58	11	1	4/55/41
	Rajbari	22	-2	60/32/9	17	1	20/33/47	15	4	21/46/33
Shariatpur	24	-1	54/28/18	18	1	12/30/58	9	1	15/51/34	
Rajshahi	Bogra	23	0	22/26/52	17	1	12/37/51	9	6	46/22/33
	Joypurhat	24	1	17/25/58	17	1	14/25/61	7	4	33/38/29
	Naogaon	23	0	24/21/55	17	2	7/45/48	6	3	33/38/29
	Natore	22	-1	39/32/29	17	1	16/40/44	9	4	0/73/27
	Nawabganj	22	-1	28/29/43	17	2	14/48/38	6	1	0/73/27

Rangpur	Pabna	22	-2	55/34/11	17	1	18/43/40	10	3	20/50/30
	Rajshahi	22	-1	39/28/33	17	2	15/43/42	6	2	22/52/27
	Sirajganj	23	-1	43/28/29	17	1	13/42/45	10	4	17/53/30
	Dinajpur	25	2	8/22/70	17	2	12/20/67	11	10	58/22/19
	Gaibandha	25	1	18/18/64	17	1	15/20/64	8	6	55/26/19
	Kurigram	25	1	9/20/71	17	2	3/21/76	11	11	53/28/20
	Lalmonirhat	25	1	5/21/74	18	2	2/22/76	14	14	53/26/21
	Nilphamari	26	2	4/18/78	17	2	3/22/74	13	12	54/25/22
	Panchagarh	25	1	5/18/77	17	2	4/23/73	6	6	51/29/20
Mymen-singh	Rangpur	25	1	8/22/70	17	2	12/20/67	13	12	56/23/21
	Thakurgaon	25	1	6/20/74	16	1	15/19/66	7	6	58/26/17
	Jamalpur	24	0	22/18/60	18	2	2/36/61	6	2	43/29/28
	Mymen-singh	24	-1	22/37/42	18	2	3/32/65	8	3	36/32/32
Chitta-gong	Netrakona	24	-1	20/25/55	18	2	0/14/85	7	2	30/33/37
	Sherpur	24	0	19/19/62	18	2	1/26/73	6	2	44/26/31
	Bandarban	23	-1	41/44/15	18	1	2/30/68	10	3	16/38/46
	Brahamanbaria	24	-1	44/36/19	17	1	12/31/57	8	1	13/48/39
	Chandpur	24	-1	43/31/26	18	1	13/30/57	10	1	11/55/34
	Chittagong	24	-1	49/31/20	20	1	2/26/72	8	2	23/31/46
	Comilla	24	-1	43/35/22	18	1	10/33/57	12	2	16/53/32
	Cox's Bazar	24	-1	54/28/17	21	2	3/24/73	12	3	27/33/41
	Feni	25	-1	49/33/18	18	1	10/28/62	8	1	28/33/39
	Khagrachhari	25	-1	43/42/15	18	1	5/30/65	6	2	8/46/46
Khuina	Lakshmipur	24	-1	46/30/23	18	1	17/22/61	9	2	21/48/31
	Noakhali	24	-1	41/35/24	19	1	16/22/62	7	1	31/29/40
	Rangamati	23	-1	37/48/15	17	0	6/28/66	8	3	7/43/50
	Bagerhat	23	-1	76/18/6	17	0	30/34/36	10	5	20/45/35
	Chuadanga	22	-2	60/30/10	17	1	21/39/41	13	4	0/74/26
	Jessore	22	-2	74/19/7	16	0	25/39/36	15	5	0/68/32
	Jhenaidah	22	-2	61/30/9	17	1	23/37/41	12	3	0/71/29
	Khulna	23	-1	77/17/6	17	0	32/32/35	11	6	21/43/36
	Kushtia	22	-2	54/35/11	17	1	17/37/46	10	3	0/74/26
Barisal	Magura	22	-2	63/30/7	17	1	21/34/45	14	4	0/65/35
	Meherpur	22	-2	59/31/10	17	1	19/40/41	12	5	0/75/25
	Narail	23	-2	72/22/7	17	1	21/34/45	12	4	18/48/33
	Satkhira	23	-1	77/16/7	16	-1	43/31/27	10	4	24/39/38
	Barguna	23	-1	66/18/15	17	0	26/39/35	9	5	20/42/38
	Barisal	24	-1	60/25/15	18	1	20/21/59	9	3	20/48/32
	Bhola	24	-1	50/30/20	20	2	17/19/64	9	3	20/44/35
	Jhalokati	24	-1	64/21/15	17	1	24/26/50	8	2	20/48/32
Sylhet	Patuakhali	24	-1	67/14/20	19	2	21/22/57	9	4	23/43/34
	Pirojpur	24	-1	68/22/10	17	0	24/39/36	7	2	19/48/33
	Habiganj	24	-1	39/29/32	18	1	3/30/66	13	5	13/55/32
	Maulvibazar	25	-1	32/35/32	18	1	3/30/67	12	4	6/61/33
Sylhet	Sunamganj	24	-1	20/24/56	18	2	0/12/87	7	2	34/28/38
	Sylhet	24	-1	21/26/53	19	3	2/25/73	7	2	21/45/34

2.6 Guidance

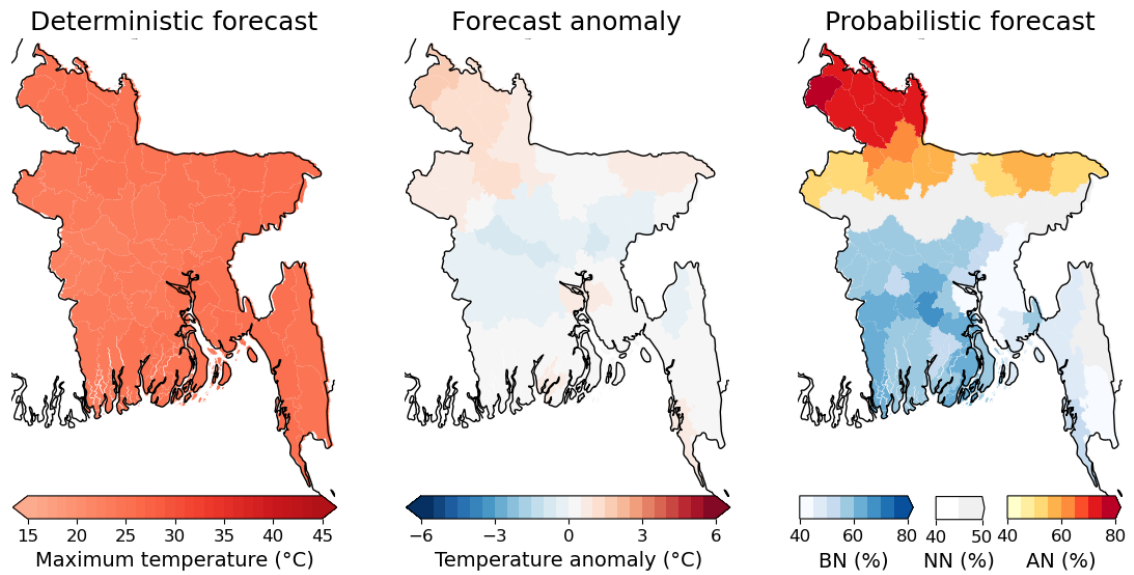
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 19.12.2023 to 01.01.2024)

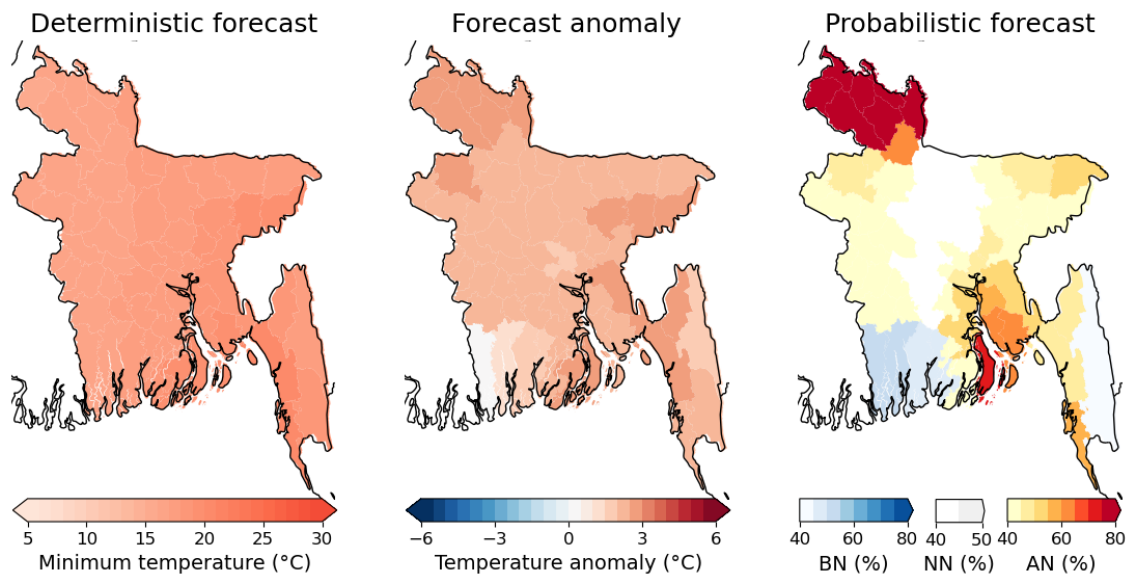
3.2 Significant Information

- Add here the text for significant information.

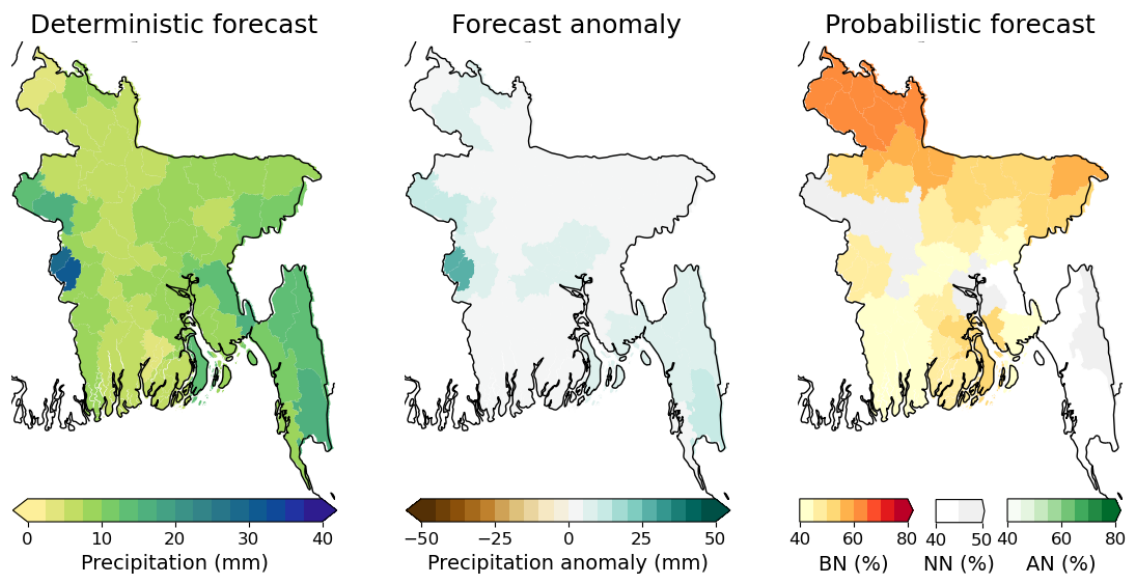
3.2 Maximum Temperature



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

	Sunamganj	25	1	21/21/57	18	2	22/30/48	10	4	53/20/27
	Sylhet	25	1	24/22/54	18	2	19/29/52	8	2	57/18/25

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)