



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 16 January 2024

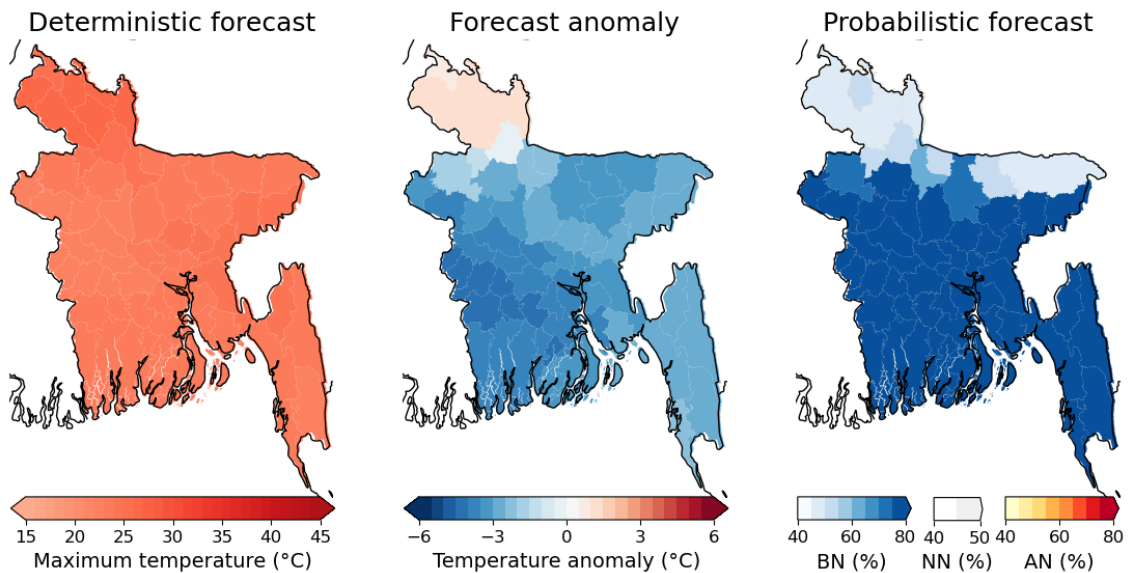
Subject: Experimental Sub-seasonal forecast for Bangladesh during 16.01.2024 to 12.02.2024

1. Weather Forecast for week 1 (Period: 16.01.2024 to 22.01.2024)

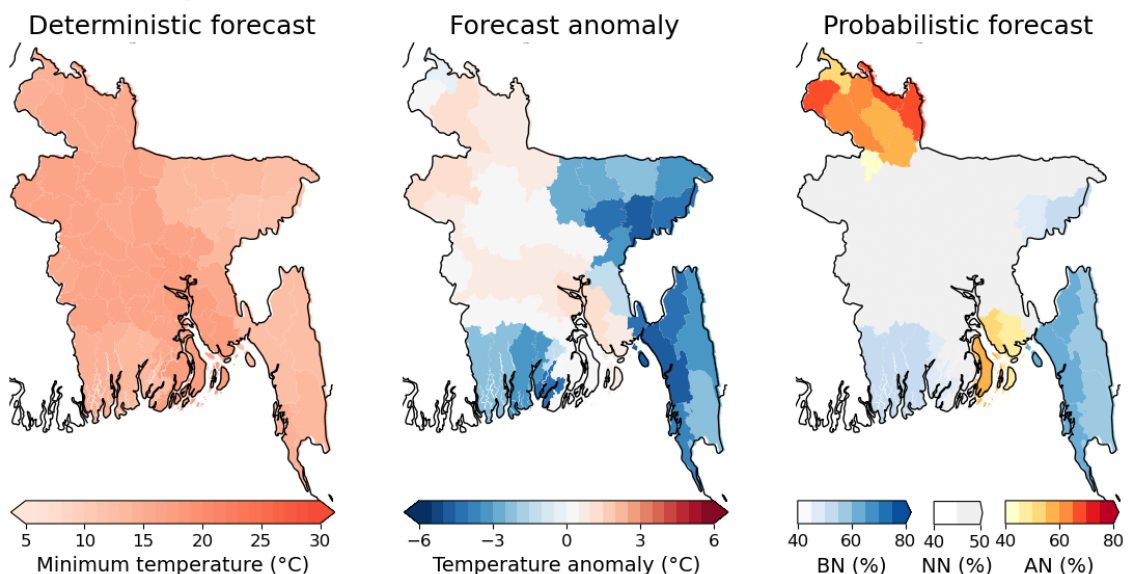
1.1 Significant Information

- Add here the text for significant information.

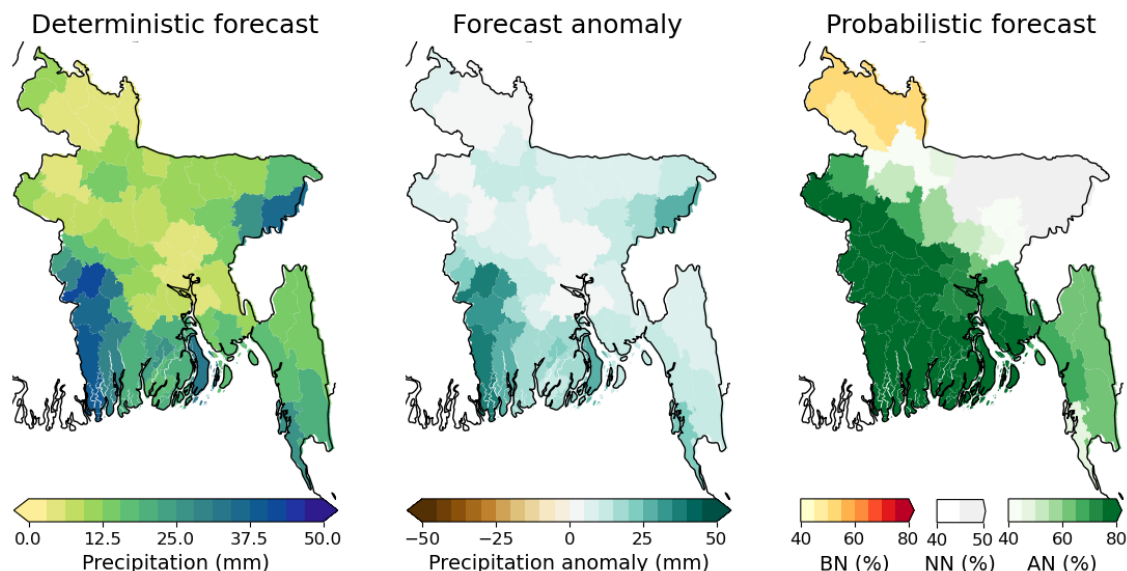
1.2 Maximum Temperature



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	24	-3	100/0/0	17	1	14/85/1	6	4	0/25/75
	Faridpur	23	-4	96/4/0	17	1	7/87/6	12	10	0/21/79
	Gazipur	24	-3	100/0/0	17	0	14/85/1	4	3	0/45/55
	Gopalganj	23	-4	96/4/0	17	0	11/84/5	8	6	0/12/88
	Kishoreganj	24	-3	96/4/0	12	-4	12/86/2	14	10	4/54/42
	Madaripur	23	-4	96/4/0	17	1	15/83/2	7	4	0/26/74
	Manikganj	23	-4	100/0/0	17	1	9/86/5	10	8	0/24/76
	Munshiganj	24	-4	92/8/0	18	1	13/85/2	5	3	0/28/72
	Narayanganj	24	-3	96/4/0	17	1	17/83/0	5	3	0/39/61
	Narsingdi	24	-3	100/0/0	17	0	15/85/0	4	2	0/52/48
	Rajbari	23	-4	96/4/0	16	1	5/83/12	13	11	0/23/77
Shariatpur	24	-4	88/12/0	17	1	14/79/7	6	3	0/27/73	
Rajshahi	Bogra	23	-3	79/21/0	16	0	6/77/18	15	13	0/45/55
	Joypurhat	24	-1	50/33/17	16	1	1/56/43	12	11	17/43/41
	Naogaon	24	-2	71/25/4	16	1	0/60/40	4	3	0/32/68
	Natore	23	-3	96/4/0	16	0	5/79/15	7	5	0/22/78
	Nawabganj	23	-3	79/21/0	16	1	0/72/28	11	9	0/19/81
	Pabna	23	-4	100/0/0	16	0	10/78/12	11	8	0/22/78
	Rajshahi	22	-4	92/8/0	16	1	0/72/28	8	6	0/18/82
	Sirajganj	23	-3	96/4/0	16	0	11/83/6	8	5	0/33/67
Rangpur	Dinajpur	27	1	49/1/50	16	1	0/37/62	5	4	46/9/46
	Gaibandha	25	0	50/33/17	16	1	0/42/57	9	8	38/18/45
	Kurigram	27	1	46/4/50	15	1	0/30/70	5	2	50/8/42
	Lalmonirhat	27	1	50/0/50	16	1	0/35/65	5	3	50/4/46
	Nilphamari	27	1	50/0/50	16	1	0/36/64	5	4	50/2/48
	Panchagarh	26	1	48/2/50	14	0	0/47/53	12	10	50/2/48
	Rangpur	27	1	48/2/50	15	1	0/41/59	4	3	50/7/43
Thakurgaon	26	1	50/0/50	15	0	0/33/67	10	8	50/4/46	
Mymen- singh	Jamalpur	24	-2	62/38/0	16	1	4/85/10	12	10	0/58/42
	Mymen- singh	23	-3	71/29/0	13	-3	13/76/11	11	8	0/62/38
	Netrakona	23	-3	50/50/0	13	-3	25/48/27	12	9	17/58/25
	Sherpur	24	-2	50/50/0	16	1	4/87/9	9	6	21/34/45
Chitta- gong	Bandarban	22	-3	100/0/0	14	-2	57/22/21	20	15	5/31/64
	Brahamanba ria	24	-3	100/0/0	13	-3	18/82/0	14	10	4/51/45
	Chandpur	24	-3	83/17/0	18	1	18/64/18	5	2	0/29/71
	Chittagong	24	-3	100/0/0	13	-5	62/36/1	18	11	5/25/70
	Comilla	24	-3	96/4/0	15	-1	14/85/1	8	5	4/26/70
Cox's Bazar	23	-2	100/0/0	14	-4	64/36/0	27	20	10/44/46	

	Feni	25	-3	100/0/0	13	-4	35/63/1	10	6	5/23/73
	Khagrachhari	25	-3	100/0/0	12	-4	61/36/2	13	7	4/32/64
	Lakshmipur	24	-4	100/0/0	18	1	16/32/52	13	10	5/18/77
	Noakhali	24	-3	100/0/0	18	1	13/41/46	17	14	5/17/78
	Rangamati	23	-3	100/0/0	13	-3	57/34/9	14	9	4/31/65
Khulna	Bagerhat	24	-4	92/8/0	14	-3	51/25/24	22	18	0/4/96
	Chuadanga	22	-4	96/4/0	16	0	0/71/29	29	23	0/4/96
	Jessore	23	-4	96/4/0	16	0	0/76/24	36	32	0/4/96
	Jhenaidah	23	-4	96/4/0	17	1	0/76/24	42	38	0/8/92
	Khulna	23	-4	96/4/0	14	-2	50/24/26	28	25	0/4/96
	Kushtia	22	-4	96/4/0	16	1	0/84/16	16	12	0/17/83
	Magura	23	-4	96/4/0	17	1	0/85/14	34	32	0/9/91
	Meherpur	22	-4	96/4/0	16	0	0/73/27	25	20	0/4/96
	Narail	23	-4	96/4/0	16	0	0/89/10	20	17	0/4/96
	Satkhira	23	-4	96/4/0	15	-2	50/14/36	40	37	0/4/96
Barisal	Barguna	23	-3	92/8/0	13	-4	47/29/23	17	13	0/4/96
	Barisal	24	-4	96/4/0	17	0	10/81/8	20	16	0/18/82
	Bhola	23	-3	100/0/0	18	0	7/35/57	31	26	0/18/82
	Jhalokati	24	-4	92/8/0	15	-1	26/51/22	25	20	0/8/92
	Patuakhali	23	-3	100/0/0	17	0	2/70/28	21	16	0/8/92
	Pirojpur	24	-4	88/12/0	13	-3	47/28/25	22	18	0/4/96
Sylhet	Habiganj	24	-3	96/4/0	11	-5	48/51/1	25	19	12/53/35
	Maulvibazar	24	-3	87/13/0	12	-4	51/43/6	36	28	8/61/31
	Sunamganj	23	-3	47/53/0	13	-2	25/61/14	12	9	21/48/31
	Sylhet	23	-3	47/53/0	12	-3	24/73/3	17	14	25/55/20

1.6 Guidance

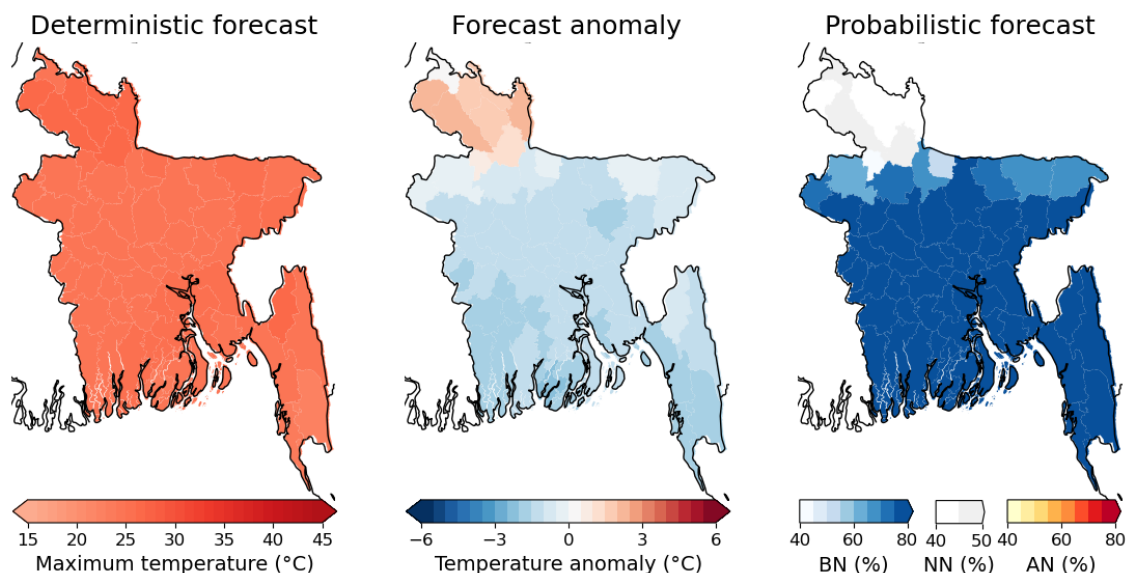
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 23.01.2024 to 29.01.2024)

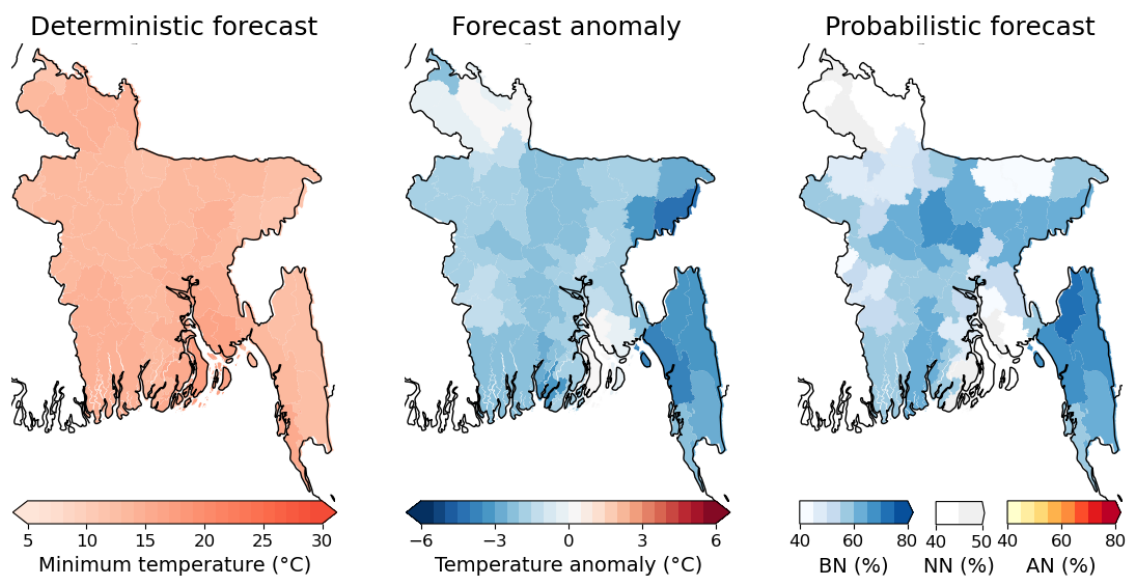
2.1 Significant Information

- Add here the text for significant information.

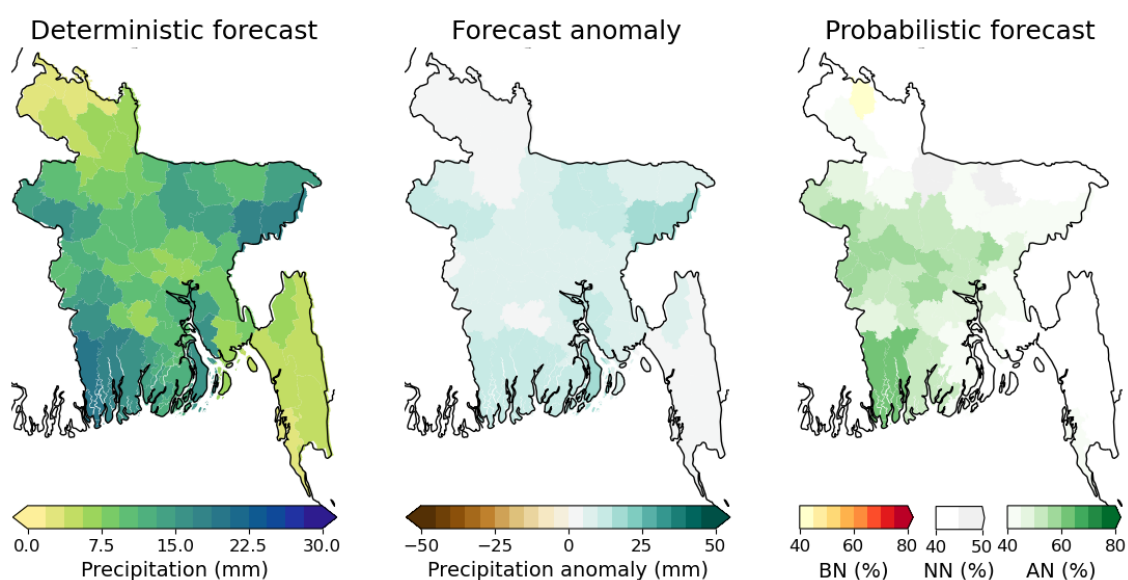
2.2 Maximum Temperature



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	91/9/0	14	-2	59/30/11	7	6	22/24/54
	Faridpur	25	-1	91/9/0	14	-2	59/28/13	9	7	9/36/55
	Gazipur	25	-1	95/5/0	14	-2	67/24/8	9	8	12/35/53
	Gopalganj	25	-2	90/10/0	14	-2	62/25/12	6	4	18/34/48
	Kishoreganj	24	-2	85/15/0	14	-2	64/30/6	13	12	14/41/45
	Madaripur	25	-1	88/12/0	14	-2	59/29/11	10	8	23/29/48
	Manikganj	25	-1	94/6/0	13	-2	61/27/11	9	7	9/34/57
	Munshiganj	25	-1	87/13/0	15	-2	56/34/10	10	8	22/23/55
	Narayanganj	25	-1	92/8/0	15	-1	49/40/10	7	6	23/24/54
	Narsingdi	25	-1	91/9/0	15	-1	51/42/7	8	7	19/26/55
	Rajbari	25	-1	86/14/0	14	-2	59/28/13	9	6	9/38/54
Shariatpur	25	-1	86/14/0	15	-2	53/37/10	12	10	23/31/46	
Rajshahi	Bogra	25	-1	71/29/0	14	-2	45/49/6	9	5	11/46/42
	Joypurhat	26	1	42/45/12	13	-1	50/43/6	6	3	20/42/39
	Naogaon	25	0	63/33/4	13	-2	50/45/5	10	7	17/36/47
	Natore	24	-1	81/19/0	14	-2	53/36/11	13	11	10/37/53
	Nawabganj	25	0	72/28/0	13	-2	57/36/7	14	11	7/43/50

Rangpur	Pabna	24	-1	87/13/0	13	-2	64/23/13	11	7	9/35/56
	Rajshahi	24	-1	78/22/0	13	-2	60/29/11	16	13	7/37/56
	Sirajganj	24	-1	86/14/0	14	-2	63/30/7	10	7	9/36/55
	Dinajpur	27	2	28/47/25	14	0	29/57/14	4	2	35/23/42
	Gaibandha	26	1	36/48/17	13	-1	45/48/7	7	4	25/37/38
	Kurigram	27	2	28/43/29	14	0	31/40/29	6	4	36/34/31
	Lalmonirhat	27	2	37/30/33	14	0	28/40/32	3	2	40/23/37
	Nilphamari	27	2	37/34/29	14	0	31/37/32	2	1	41/24/34
	Panchagarh	24	0	36/47/17	12	-2	34/58/8	4	2	38/24/37
Mymen-singh	Rangpur	27	2	32/43/25	14	0	31/44/25	6	4	34/28/38
	Thakurgaon	27	2	33/38/29	14	0	24/45/31	3	1	39/26/34
	Jamalpur	25	-1	68/32/0	13	-2	52/42/6	9	6	15/48/36
	Mymen-singh	25	-1	80/20/0	13	-2	61/30/8	15	12	9/50/41
Chitta-gong	Netrakona	25	-1	73/27/0	13	-2	45/46/9	12	10	13/50/37
	Sherpur	25	0	51/36/12	13	-2	55/38/7	10	7	20/48/32
	Bandarban	23	-2	91/9/0	13	-3	64/18/18	4	3	31/29/40
	Brahamanbaria	25	-1	91/9/0	14	-2	60/33/6	10	9	20/32/48
	Chandpur	25	-1	80/20/0	15	-1	45/45/10	14	12	23/31/46
	Chittagong	24	-2	91/9/0	14	-4	66/24/10	4	3	35/28/37
	Comilla	25	-1	79/21/0	15	-2	53/35/12	9	8	24/31/45
	Cox's Bazar	23	-2	94/6/0	16	-2	56/33/11	4	3	28/32/41
	Feni	26	-1	91/9/0	14	-2	56/32/11	8	7	30/30/40
	Khagrachhari	26	-1	93/7/0	13	-3	71/15/13	7	6	35/26/39
Khulna	Lakshmipur	25	-2	88/12/0	17	0	33/51/16	16	15	24/35/42
	Noakhali	25	-1	91/9/0	17	0	39/44/18	6	6	29/32/39
	Rangamati	24	-1	91/9/0	12	-3	69/14/17	4	3	31/31/38
	Bagerhat	25	-1	89/11/0	15	-2	60/25/14	17	14	14/34/52
	Chuadanga	24	-2	82/17/0	14	-2	50/34/16	11	5	12/31/57
	Jessore	25	-2	86/14/0	15	-1	53/33/14	15	9	18/33/49
	Jhenaidah	25	-1	85/15/0	14	-1	49/34/17	14	7	12/34/54
	Khulna	25	-2	89/11/0	14	-2	59/26/15	18	14	13/26/61
	Kushtia	24	-1	79/21/0	13	-2	57/28/15	12	7	9/35/55
	Magura	25	-2	87/13/0	14	-2	58/28/14	14	9	12/34/54
Barisal	Meherpur	24	-1	80/19/0	14	-2	44/41/15	9	4	8/36/55
	Narail	25	-2	87/13/0	14	-2	58/28/14	8	5	18/31/51
	Satkira	25	-2	87/13/0	15	-2	57/26/17	19	14	12/26/61
	Barguna	24	-2	88/12/0	14	-3	57/27/16	15	13	13/35/52
	Barisal	25	-1	89/11/0	14	-2	48/40/11	11	10	23/34/43
	Bhola	25	-1	96/4/0	18	0	20/42/39	17	15	24/36/40
	Jhalokati	26	-1	88/12/0	14	-2	57/29/14	13	12	23/35/42
	Patuakhali	25	-2	92/8/0	16	-2	36/49/15	13	12	15/42/43
Sylhet	Pirojpur	25	-2	85/15/0	14	-3	61/25/14	14	12	19/29/52
	Habiganj	25	-1	89/11/0	13	-3	63/31/6	18	16	19/37/44
	Maulvibazar	26	-1	89/11/0	12	-4	63/28/9	19	16	25/32/43
	Sunamganj	25	0	68/28/4	13	-2	40/50/10	10	6	21/40/39
	Sylhet	25	-1	69/31/0	12	-3	56/36/8	14	9	30/31/39

2.6 Guidance

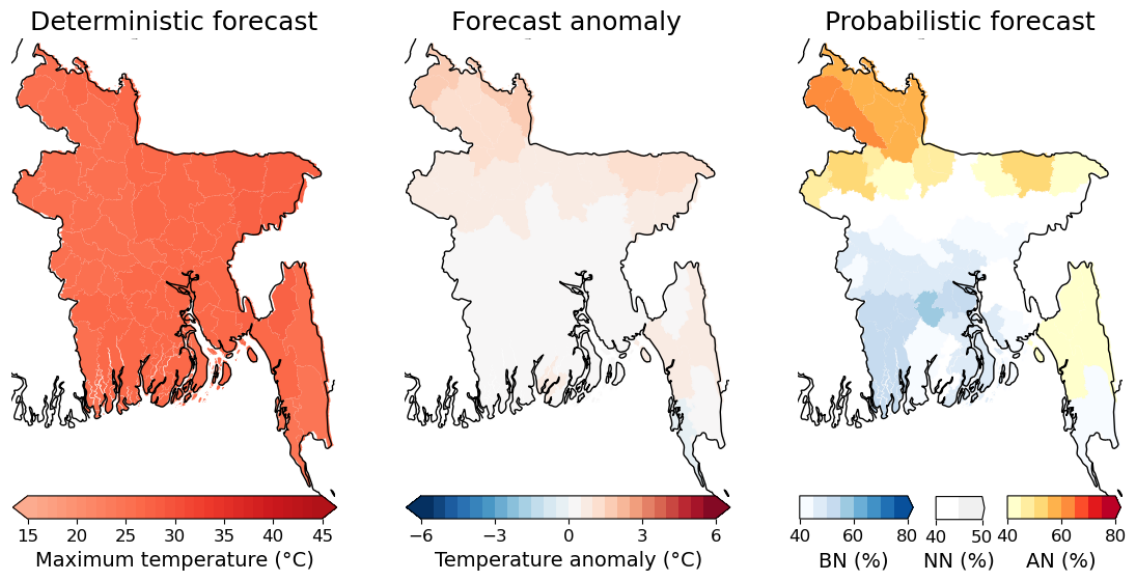
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 30.01.2024 to 12.02.2024)

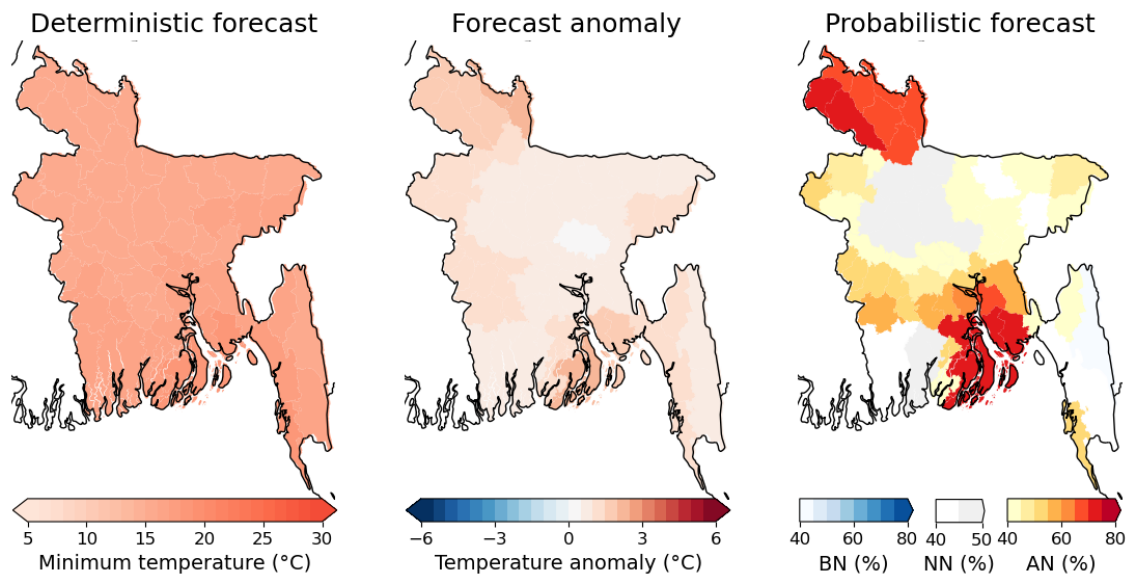
3.2 Significant Information

- Add here the text for significant information.

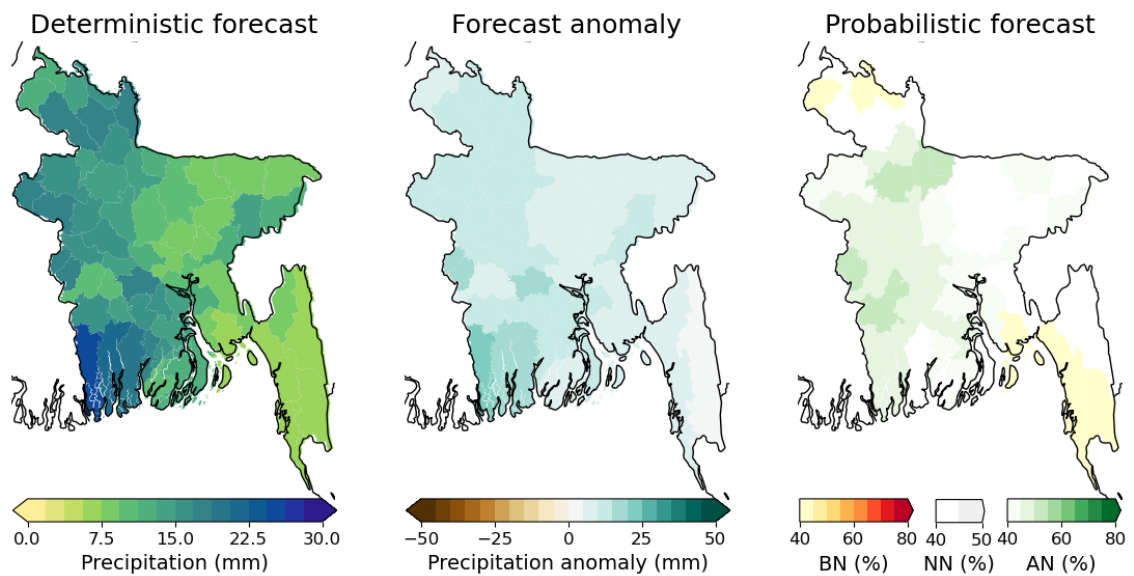
3.2 Maximum Temperature



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

	Sunamganj	27	1	21/29/50	15	1	18/41/41	8	6	21/37/42
	Sylhet	27	1	20/38/42	15	1	19/34/47	8	6	18/44/38

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)