



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 24 October 2023

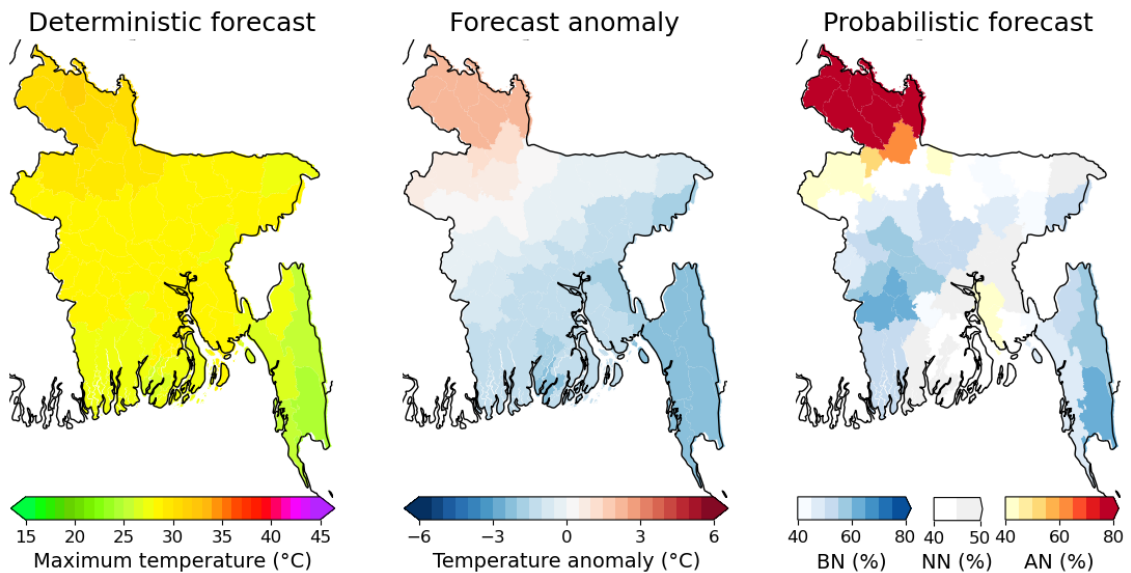
Subject: Experimental Sub-seasonal forecast for Bangladesh during 24.10.2023 to 20.11.2023

1. Weather Forecast for week 1 (Period: 24.10.2023 to 30.10.2023)

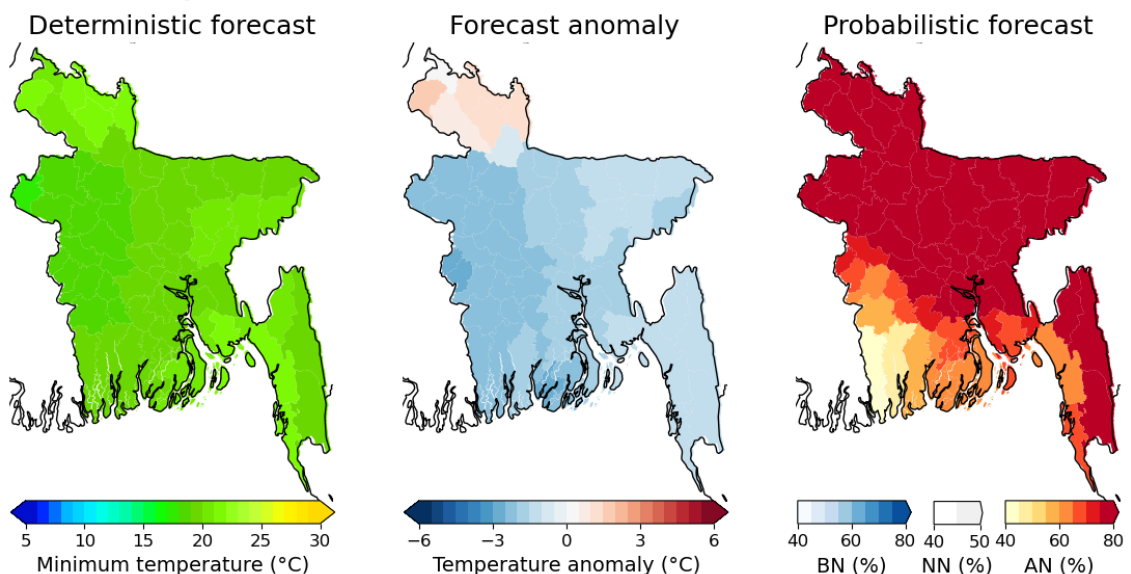
1.1 Significant Information

- Add here the text for significant information.

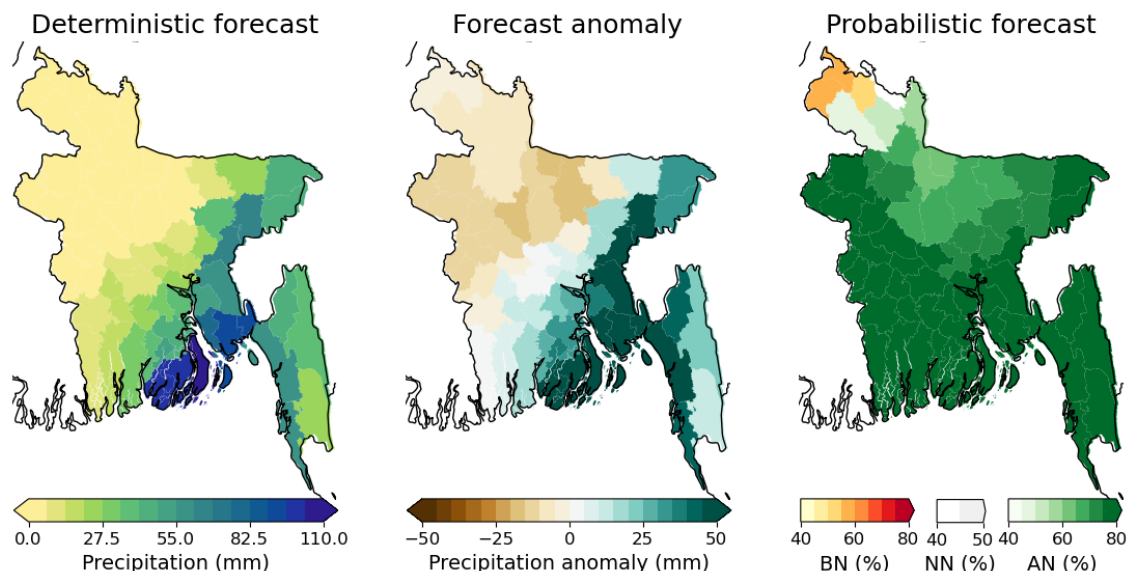
1.2 Maximum Temperature



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	28	-1	54/30/16	20	-2	0/11/89	14	6	0/25/75
	Faridpur	28	-1	58/28/14	19	-2	0/23/77	13	4	0/18/82
	Gazipur	28	-1	52/28/20	20	-2	0/9/91	11	-1	0/27/73
	Gopalganj	28	-1	43/47/10	19	-2	0/27/73	21	15	0/14/86
	Kishoreganj	28	-1	47/29/24	21	-1	0/2/98	34	16	0/30/70
	Madaripur	28	-1	32/52/16	20	-2	0/24/76	30	21	0/16/84
	Manikganj	28	-1	54/28/17	19	-2	0/10/90	12	1	0/19/81
	Munshiganj	28	-1	28/58/14	20	-2	0/17/83	21	13	0/20/80
	Narayanganj	28	-1	35/50/14	20	-2	0/15/85	20	13	0/22/78
	Narsingdi	28	-1	37/47/16	20	-1	0/10/90	27	16	0/28/72
	Rajbari	28	-1	56/26/18	19	-2	0/22/78	12	0	0/20/80
Shariatpur	28	-1	27/52/21	20	-2	0/23/77	37	27	0/12/88	
Rajshahi	Bogra	29	1	33/30/38	19	-2	0/12/88	0	-9	1/25/74
	Joypurhat	30	1	19/27/54	18	-2	0/7/92	0	-9	1/25/74
	Naogaon	29	1	24/33/43	18	-2	0/16/84	3	-11	1/12/87
	Natore	29	0	47/21/32	18	-2	0/21/79	0	-12	0/24/76
	Nawabganj	29	1	24/33/43	18	-2	0/16/83	0	-14	1/9/90
	Pabna	29	0	56/22/21	19	-2	0/17/83	5	-11	0/20/80
	Rajshahi	28	0	38/26/35	18	-2	0/20/80	2	-11	1/18/81
	Sirajganj	29	0	49/21/30	19	-2	0/14/86	0	-16	0/32/67
Rangpur	Dinajpur	31	2	0/5/94	21	1	0/2/98	4	-5	20/32/48
	Gaibandha	30	1	2/37/61	19	-1	0/2/98	0	-9	7/26/67
	Kurigram	31	2	0/6/94	21	1	0/1/99	2	-10	7/38/55
	Lalmonirhat	31	2	0/4/96	21	1	0/3/97	4	-6	29/33/38
	Nilphamari	31	2	0/4/95	21	1	0/6/94	4	-5	54/21/24
	Panchagarh	30	2	0/2/98	20	0	2/12/85	2	-3	60/32/9
	Rangpur	31	2	0/4/95	21	1	0/2/98	3	-6	9/37/54
Thakurgaon	31	2	0/4/96	21	2	0/9/91	3	-4	57/27/16	
Mymen- singh	Jamalpur	29	0	37/23/40	19	-2	0/11/89	0	-15	0/36/64
	Mymen- singh	29	0	39/28/33	20	-2	0/8/92	0	-17	0/34/66
	Netrakona	29	0	41/26/32	20	-1	0/1/99	13	-9	0/34/66
	Sherpur	29	0	28/28/43	19	-2	0/11/89	0	-19	0/38/62
Chitta- gong	Bandarban	25	-2	60/40/0	19	-1	0/24/76	24	11	0/9/91
	Brahamanba ria	28	-1	37/51/11	20	-2	0/11/89	63	52	0/22/78
	Chandpur	29	-1	26/31/43	20	-2	0/24/76	52	40	0/14/86
	Chittagong	27	-2	48/39/12	21	-1	0/35/65	61	48	0/2/98
	Comilla	28	-2	29/51/19	20	-2	0/20/80	61	54	0/13/87
	Cox's Bazar	26	-2	49/51/0	21	-1	0/32/68	58	43	0/3/97

	Feni	28	-2	41/42/18	20	-1	0/27/73	92	83	0/5/95
	Khagrachhari	27	-2	55/44/1	20	-1	0/22/78	47	41	0/8/92
	Lakshmipur	29	-1	33/26/41	20	-2	0/29/71	79	70	0/7/93
	Noakhali	28	-1	36/34/31	21	-1	0/31/69	91	83	0/4/96
	Rangamati	26	-2	58/42/0	19	-1	0/22/78	36	25	0/4/96
Khulna	Bagerhat	28	-1	35/51/14	20	-2	0/44/55	30	20	0/10/90
	Chuadanga	29	0	49/31/20	18	-3	0/32/68	0	-11	0/17/83
	Jessore	28	-1	62/24/14	19	-2	0/44/56	8	0	0/19/81
	Jhenaidah	28	-1	56/25/18	19	-2	0/36/64	6	-9	0/18/82
	Khulna	28	-1	51/39/11	20	-2	1/50/49	16	6	0/13/87
	Kushtia	29	0	51/29/20	18	-2	0/28/72	2	-10	0/18/82
	Magura	28	-1	61/25/14	19	-2	0/31/69	17	6	0/19/81
	Meherpur	29	0	46/28/25	18	-3	0/29/71	0	-11	0/14/86
	Narail	28	-1	63/25/12	19	-2	0/32/68	17	10	0/15/85
	Satkhira	28	-1	54/35/10	20	-2	2/54/43	10	0	0/12/88
	Barisal	Barguna	27	-2	37/50/14	19	-3	0/35/65	97	81
Barisal		28	-1	31/43/27	20	-2	0/32/68	43	31	0/10/90
Bhola		28	-1	39/21/39	21	-2	0/39/61	105	94	0/1/99
Jhalokati		28	-2	35/46/19	20	-2	0/34/66	49	38	0/11/89
Patuakhali		28	-1	39/29/32	20	-2	0/39/61	102	87	0/3/97
Pirojpur		28	-2	38/45/17	19	-2	0/36/64	38	28	0/12/88
Sylhet	Habiganj	28	-1	45/37/18	20	-1	0/1/99	63	47	0/25/75
	Maulvibazar	28	-2	53/35/12	20	-2	0/4/96	47	33	0/24/76
	Sunamganj	28	0	33/42/25	19	-1	0/0/100	27	11	0/27/73
	Sylhet	28	-1	27/56/17	19	-1	0/3/97	47	33	0/24/76

1.6 Guidance

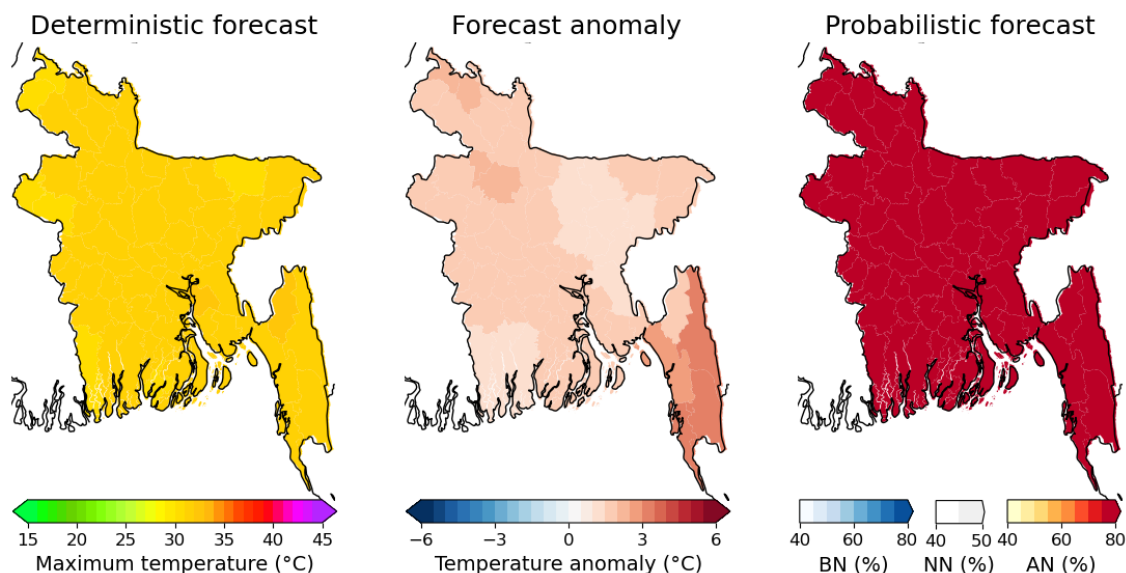
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 31.10.2023 to 06.11.2023)

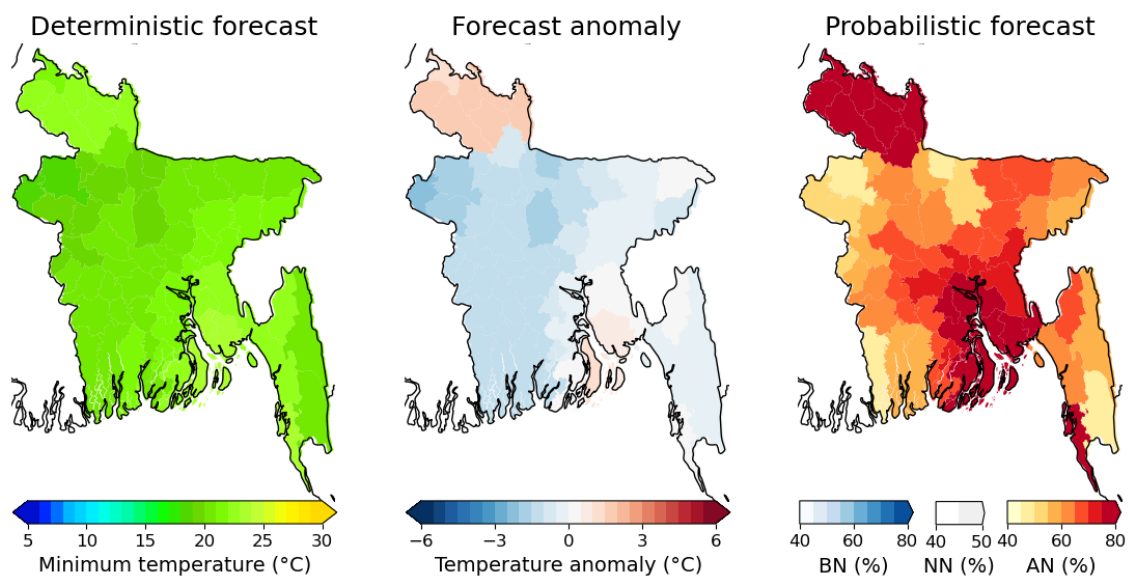
2.1 Significant Information

- Add here the text for significant information.

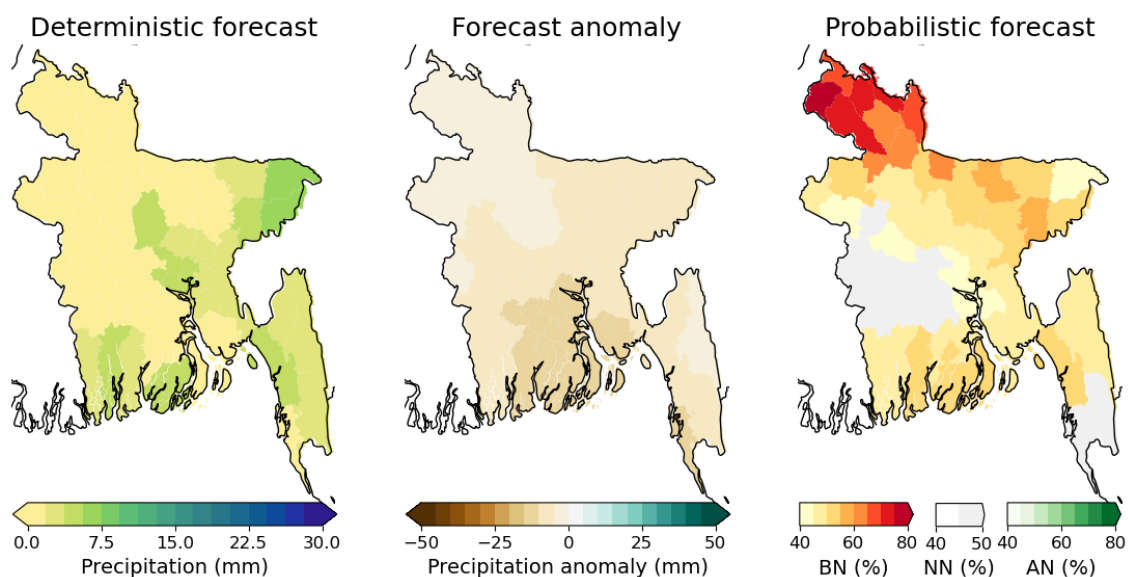
2.2 Maximum Temperature



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	32	2	0/11/89	21	-1	0/29/71	4	-9	43/48/9
	Faridpur	32	2	0/9/91	21	-1	0/30/70	0	-9	30/62/9
	Gazipur	31	1	0/9/91	21	-1	0/31/69	3	-8	50/39/12
	Gopalganj	31	2	0/13/87	21	-1	0/30/69	0	-13	27/65/9
	Kishoreganj	32	1	0/8/92	22	0	0/32/68	0	-9	51/39/10
	Madaripur	32	2	0/12/88	21	-1	0/22/78	0	-10	38/54/8
	Manikganj	32	2	0/10/90	21	-1	0/32/68	2	-8	39/49/12
	Munshiganj	32	2	0/13/87	21	0	0/21/79	4	-10	42/50/8
	Narayanganj	32	2	0/14/86	22	0	0/27/73	4	-9	48/42/10
	Narsingdi	31	1	0/12/88	22	0	0/31/69	3	-10	49/38/13
	Rajbari	31	2	0/8/92	20	-1	0/32/68	0	-8	30/56/14
Shariatpur	32	2	0/8/92	22	0	0/22/78	2	-10	41/52/7	
Rajshahi	Bogra	32	2	0/4/96	20	-1	4/36/60	0	-3	48/37/16
	Joypurhat	31	2	0/0/100	20	-1	0/41/59	0	-3	64/25/11
	Naogaon	31	2	0/0/100	19	-2	0/53/47	0	-3	53/35/11
	Natore	31	2	0/6/94	20	-1	0/44/56	0	-6	35/52/13
	Nawabganj	31	2	0/4/96	19	-2	1/48/51	0	-4	45/47/8

Rangpur	Pabna	31	2	0/8/92	20	-1	0/34/66	0	-8	40/47/13
	Rajshahi	31	2	0/5/95	19	-2	1/47/52	0	-4	45/43/13
	Sirajganj	32	2	0/6/94	20	-1	0/37/63	0	-5	46/42/13
	Dinajpur	31	2	0/0/100	22	2	0/6/94	0	-1	70/24/6
	Gaibandha	31	2	0/0/100	20	-1	0/20/80	0	-3	65/21/15
	Kurigram	31	2	0/0/100	22	2	0/5/95	0	-2	66/23/11
	Lalmonirhat	31	2	0/0/100	22	2	0/5/95	0	-1	71/22/7
	Nilphamari	32	2	0/0/100	22	2	0/6/94	0	-1	70/20/9
	Panchagarh	31	2	0/0/100	21	1	0/10/90	0	0	69/21/10
Mymen-singh	Rangpur	31	2	0/0/100	22	2	0/8/92	0	-1	63/30/7
	Thakurgaon	31	2	0/0/100	22	2	0/8/92	0	0	78/16/6
	Jamalpur	31	2	0/5/95	20	-1	4/38/58	0	-4	54/30/16
	Mymen-singh	31	1	0/8/92	20	-1	0/45/55	0	-6	51/33/16
Chitta-gong	Netrakona	31	1	0/8/92	20	-1	0/34/66	0	-9	55/35/10
	Sherpur	31	2	0/6/94	19	-2	4/47/48	0	-6	62/22/16
	Bandarban	31	3	1/12/86	21	0	7/46/47	2	-7	33/59/8
	Brahamanbaria	31	1	0/12/88	22	0	0/29/71	3	-10	52/37/12
	Chandpur	32	2	0/9/91	22	0	0/24/76	4	-10	42/51/7
	Chittagong	32	3	1/10/89	23	0	3/33/64	4	-7	51/40/8
	Comilla	32	1	0/12/87	22	0	0/27/72	3	-9	47/46/7
	Cox's Bazar	32	3	2/16/82	23	0	2/17/81	0	-10	36/49/15
	Feni	32	2	1/12/87	22	0	1/24/75	3	-9	50/43/7
	Khagrachhari	32	2	1/8/91	22	0	2/29/69	3	-6	47/46/7
Khuina	Lakshmipur	32	2	0/8/91	23	1	0/18/82	0	-11	48/46/6
	Noakhali	31	2	0/8/91	24	1	0/18/81	0	-11	50/43/7
	Rangamati	32	3	0/8/92	21	0	7/38/55	4	-5	45/47/7
	Bagerhat	31	1	0/10/90	21	-1	0/40/59	4	-10	50/43/6
	Chuadanga	31	2	0/8/92	20	-1	1/41/58	0	-4	30/59/11
	Jessore	32	2	0/12/87	20	-1	0/36/63	0	-9	25/66/9
	Jhenaidah	31	2	0/9/91	20	-1	0/38/62	0	-8	28/62/10
	Khulna	31	1	0/9/91	21	-1	0/42/58	5	-10	46/45/8
	Kushtia	31	2	0/7/93	20	-1	1/40/59	0	-6	31/55/14
Barisal	Magura	31	2	0/11/89	20	-1	0/33/67	0	-9	28/64/9
	Meherpur	31	2	0/7/93	20	-1	1/44/55	0	-3	34/52/14
	Narail	32	2	0/14/85	21	-1	0/30/70	0	-12	26/65/9
	Satkhira	31	1	0/22/77	21	-1	0/50/50	3	-9	46/45/9
	Barguna	31	2	0/8/92	21	-1	0/31/69	5	-14	55/38/7
	Barisal	32	2	0/8/92	22	0	0/21/79	0	-12	46/46/9
	Bhola	31	2	0/10/90	24	1	0/13/87	0	-14	54/39/6
	Jhalokati	32	2	0/7/93	21	-1	0/29/71	0	-12	50/41/8
Sylhet	Patuakhali	31	2	0/8/92	23	0	0/18/81	5	-15	54/39/7
	Pirojpur	32	2	0/7/93	21	-1	0/33/67	2	-11	48/43/8
	Habiganj	32	1	0/10/90	22	0	1/36/63	5	-9	56/35/8
	Maulvibazar	32	2	0/11/89	22	-1	2/40/58	6	-8	51/42/7
Sylhet	Sunamganj	31	2	0/13/87	21	0	0/33/67	2	-7	52/38/10
	Sylhet	31	2	0/16/84	21	0	1/37/62	6	-6	43/46/11

2.6 Guidance

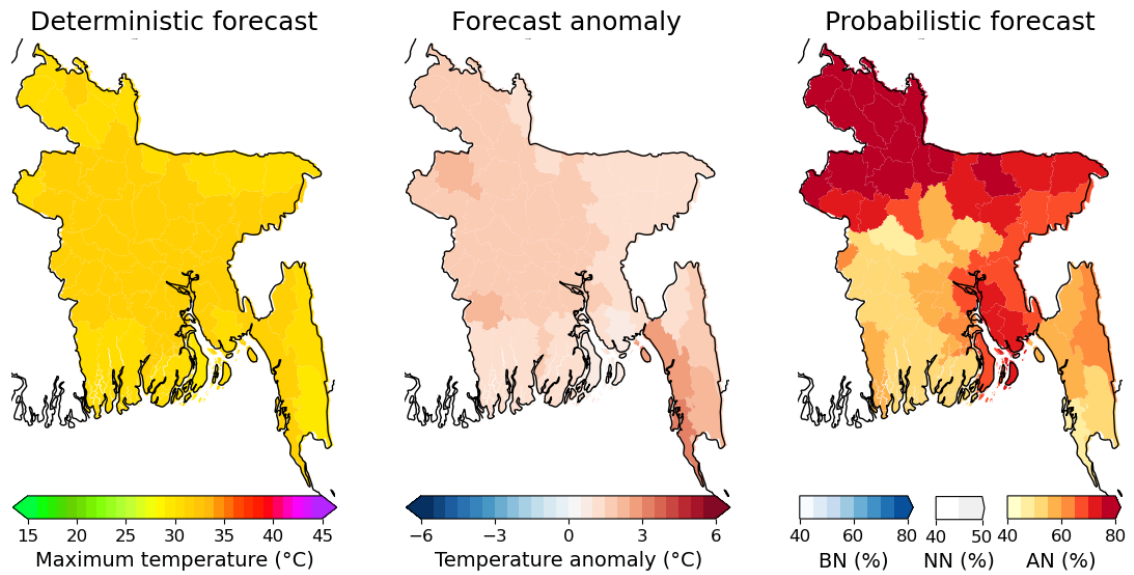
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 07.11.2023 to 20.11.2023)

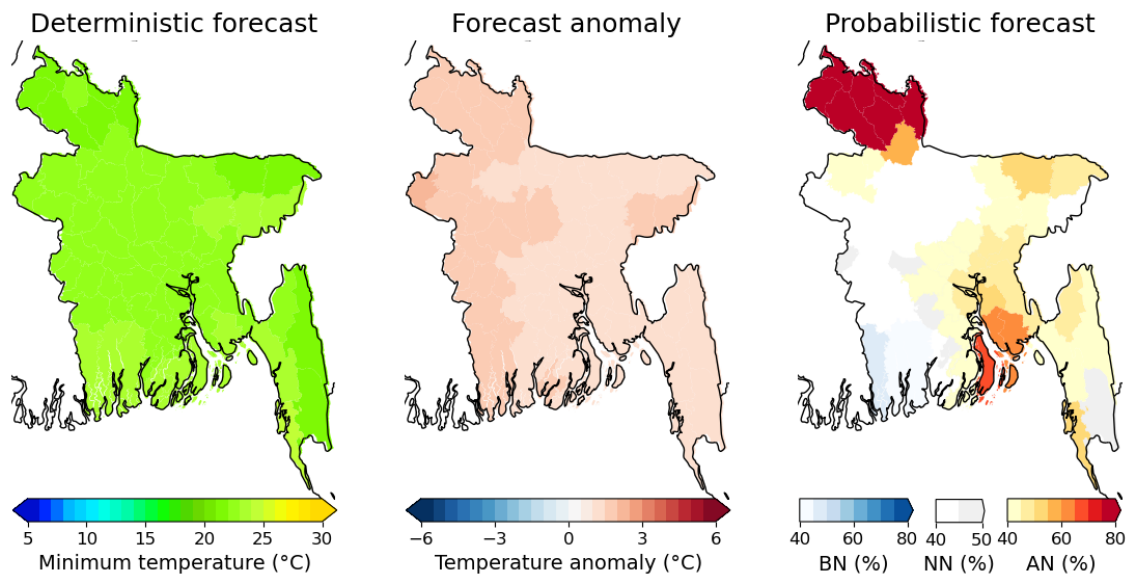
3.2 Significant Information

- Add here the text for significant information.

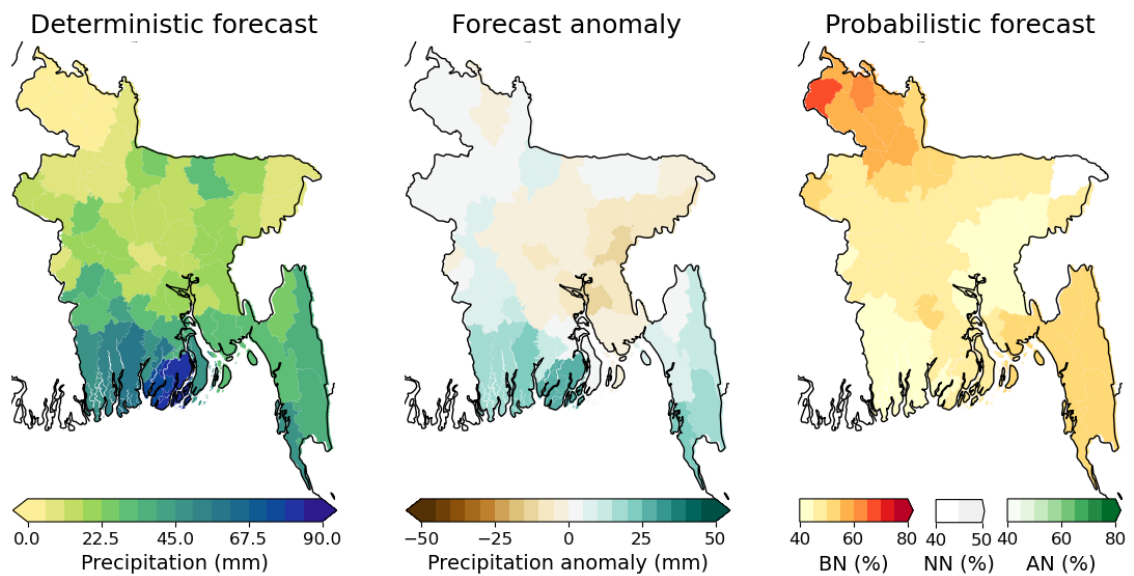
3.2 Maximum Temperature



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	32	2	13/29/58	23	1	4/53/43	13	-4	47/33/20
	Faridpur	32	2	13/30/57	23	1	10/49/42	16	-3	47/31/22
	Gazipur	32	2	13/33/53	23	1	8/48/44	14	-5	40/41/19
	Gopalganj	32	2	9/35/55	23	1	10/51/39	28	-4	51/26/23
	Kishoreganj	31	1	9/19/71	23	1	16/40/44	20	-8	43/40/18
	Madaripur	32	2	6/34/60	23	1	6/49/45	22	-4	49/28/23
	Manikganj	32	2	18/28/54	23	1	12/44/44	11	-6	47/35/18
	Munshiganj	32	2	6/25/70	23	1	4/50/46	18	-5	41/34/24
	Narayanganj	32	2	6/25/69	23	1	4/48/47	15	-5	41/35/24
	Narsingdi	31	2	9/34/57	23	1	4/48/48	18	-7	41/36/23
Rajbari	32	2	21/24/55	23	1	16/50/33	19	0	48/33/19	
Shariatpur	32	2	2/29/69	23	1	4/50/46	22	-6	45/32/23	
Rajshahi	Bogra	32	2	4/20/76	22	1	32/29/39	10	2	51/34/15
	Joypurhat	31	2	0/11/89	22	2	23/36/41	8	1	57/28/15
	Naogaon	31	2	0/16/84	22	2	27/32/41	11	2	50/36/15
	Natore	31	2	12/14/73	23	2	33/29/38	28	8	47/39/15
	Nawabganj	31	2	8/10/82	22	2	23/41/36	12	2	50/35/15
	Pabna	31	2	21/29/49	23	2	25/40/36	20	-1	49/33/18
	Rajshahi	31	2	13/13/74	22	2	24/39/36	16	4	49/36/15
Rangpur	Sirajganj	32	2	17/16/67	23	2	28/33/39	13	-2	47/38/15
	Dinajpur	31	2	0/2/98	22	2	1/7/92	2	1	59/27/14
	Gaibandha	31	2	0/8/92	22	2	11/33/56	10	2	55/30/14
	Kurigram	30	1	0/2/98	22	2	0/9/90	7	1	54/30/16
	Lalmonirhat	31	2	0/1/99	22	2	1/10/89	3	0	59/25/16
	Nilphamari	31	2	0/2/98	22	2	1/9/90	3	2	63/20/16
	Panchagarh	30	2	0/4/96	21	2	1/18/81	5	4	55/27/18
Mymensingh	Rangpur	31	2	0/1/99	22	2	2/6/92	4	0	57/30/13
	Thakurgaon	31	2	0/3/97	22	2	1/11/88	0	1	66/19/15
	Jamalpur	31	2	4/15/80	22	1	32/29/40	20	7	51/36/13
	Mymensingh	31	2	5/23/73	23	1	23/42/35	17	0	49/34/17
	Netrakona	31	1	5/18/77	22	1	12/43/44	30	2	45/38/17
	Sherpur	31	1	0/20/80	22	1	26/38/35	28	10	52/34/14
	Chittagong	Bandarban	30	2	13/33/54	22	1	19/49/32	37	17
Chittagong	Brahamanbaria	31	1	6/28/66	23	1	4/49/47	20	-11	43/34/22
	Chandpur	32	2	2/26/72	23	1	5/44/51	16	-12	45/34/21
	Chittagong	32	3	3/42/55	24	1	13/43/44	29	6	50/33/17
	Comilla	31	1	3/27/70	23	1	6/45/50	19	-9	41/38/21
	Cox's Bazar	32	3	22/32/46	24	1	12/35/53	49	24	52/21/26
	Feni	31	1	3/29/67	23	1	6/45/49	30	-3	53/34/13
	Khagrachhari	31	1	10/31/59	23	1	12/42/47	26	0	54/30/16
	Lakshmipur	31	1	2/27/70	23	1	4/34/61	30	-5	47/32/22
	Noakhali	30	1	3/26/71	24	1	4/35/61	29	0	52/35/13
	Rangamati	30	2	14/23/63	22	1	29/30/41	35	10	51/29/20
Khulna	Bagerhat	31	1	13/33/54	23	1	41/25/34	60	22	45/34/21
	Chuadanga	32	2	21/25/55	23	2	22/43/35	12	1	46/35/19
	Jessore	32	2	17/31/52	23	2	35/30/36	29	6	44/39/17
	Jhenaidah	31	2	21/26/54	23	2	25/39/35	34	10	45/35/19
	Khulna	31	1	17/29/54	23	2	41/22/36	53	18	42/39/19
	Kushtia	31	2	22/24/55	23	2	25/38/36	22	5	48/33/18
	Magura	32	2	17/30/53	23	2	23/42/35	33	9	46/35/19
	Meherpur	31	2	17/23/60	23	2	17/48/35	8	0	44/37/19
	Narail	32	2	13/35/51	23	1	27/34/39	40	10	46/30/23
Barisal	Satkhira	31	1	18/27/56	23	2	46/22/33	49	15	42/38/19
	Barguna	30	1	6/43/52	23	2	33/35/32	75	27	42/37/22
	Barisal	31	1	1/36/63	23	1	4/53/43	39	1	45/31/24
	Bhola	30	1	2/32/66	24	1	4/26/70	47	2	47/31/22
	Jhalokati	31	1	5/40/55	23	1	21/45/34	57	14	45/35/20
	Patuakhali	30	1	2/47/51	24	1	5/52/43	83	29	46/32/22
Sylhet	Pirojpur	31	2	5/43/52	23	1	34/36/31	50	10	50/30/20
	Habiganj	31	1	10/24/66	23	2	15/40/45	13	-10	43/33/24
	Maulvibazar	31	1	6/28/66	23	2	20/42/38	9	-8	46/35/19

	Sunamganj	31	1	2/24/74	22	1	11/39/50	19	2	45/37/18
	Sylhet	30	1	3/24/73	22	1	3/49/47	7	-3	38/42/20

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)