



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 01 November 2024

Subject: Experimental Sub-seasonal forecast for Bangladesh during 01.11.2024 to 28.11.2024

1. Significant information

1.1 Significant Information week 1 (Period: 01.11.2024 to 07.11.2024)

- Maximum and minimum temperature are likely to be above normal over the country. Rainfall is likely to be above normal over the country.

1.2 Significant Information week 2 (Period: 08.11.2024 to 14.11.2024)

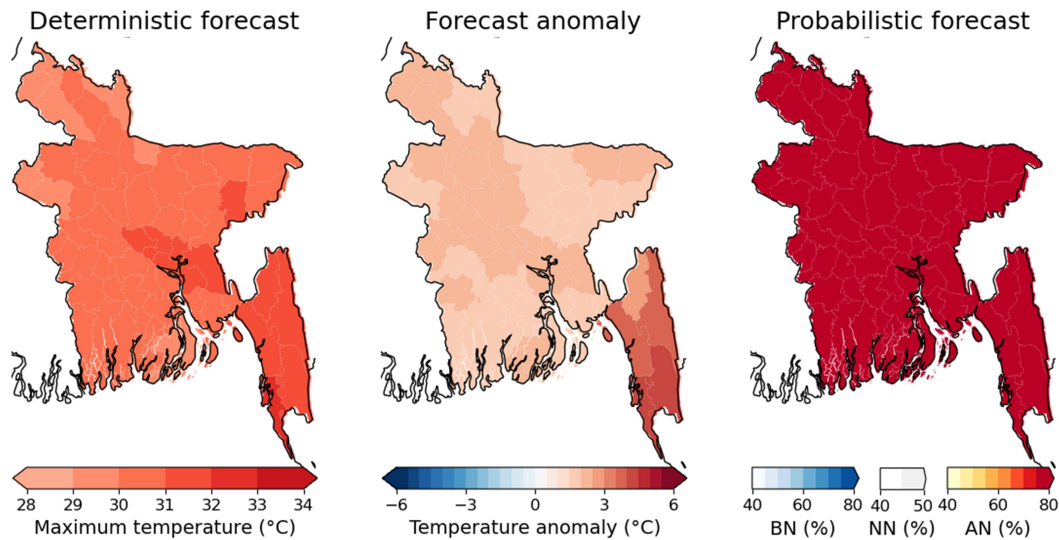
- Maximum and minimum temperature are likely to be above normal over the country. Rainfall is likely to be near normal over the country.

1.3 Significant Information week 3+4 (Period: 15.11.2024 to 28.11.2024)

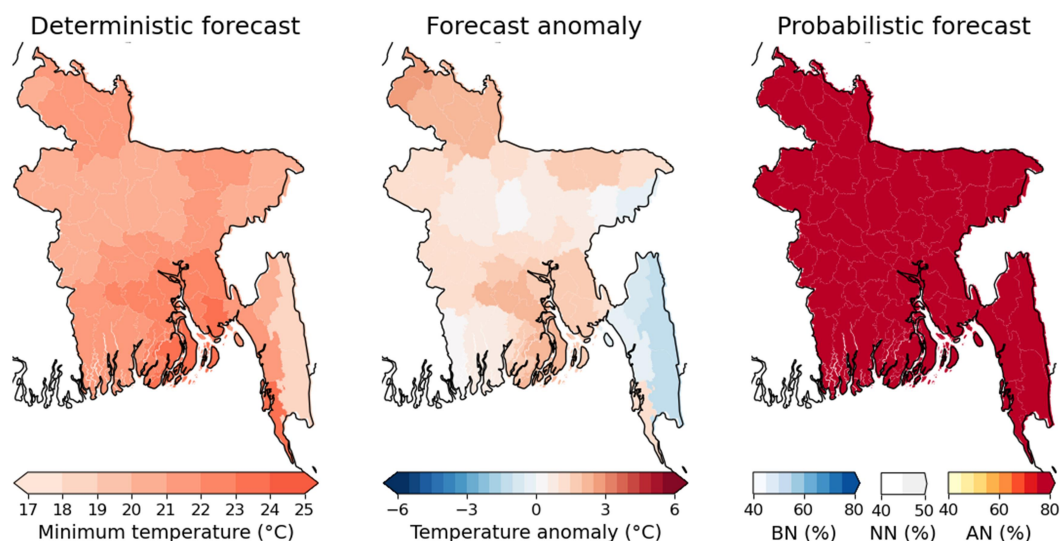
- Maximum temperature is likely to be near normal to above normal and minimum temperature is likely to be near normal over the country. Rainfall is likely to be below normal over the country.

2. Weather Forecast for week 1 (Period: 01.11.2024 to 07.11.2024)

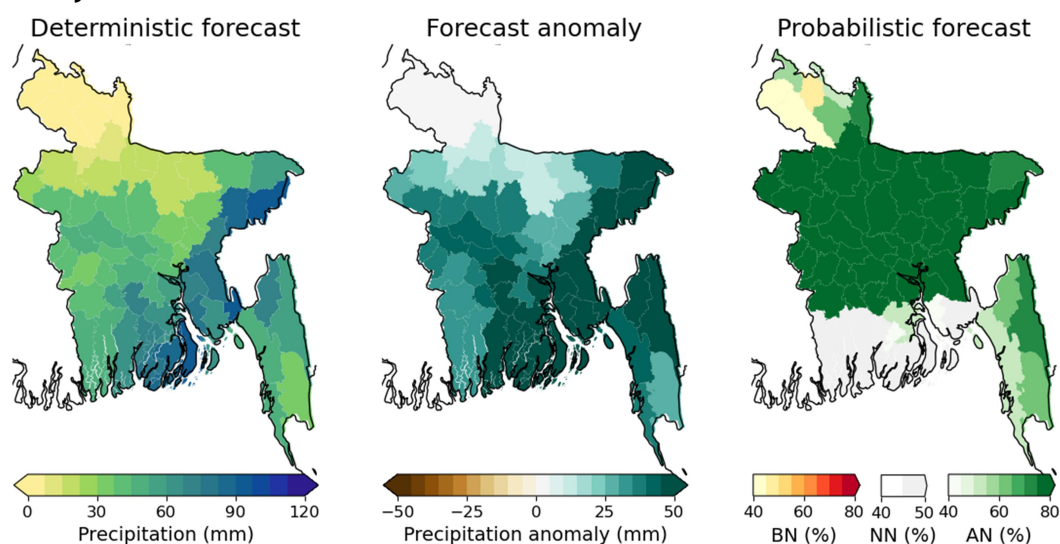
2.1 Weekly Average Maximum Temperature



2.2 Weekly Average Minimum Temperature



2.3 Weekly Rainfall Sum



2.4 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	31	2	0/0/100	22	1	0/0/100	38	34	0/10/90
	Faridpur	31	2	0/0/100	22	2	0/0/100	52	48	0/10/90
	Gazipur	31	2	0/0/100	21	1	0/0/100	31	29	0/9/91
	Gopalganj	30	2	0/0/100	22	2	0/0/100	69	60	0/24/76
	Kishoreganj	31	2	0/0/100	22	1	0/0/100	31	29	0/7/93
	Madaripur	31	2	0/0/100	22	2	0/0/100	46	38	0/15/85
	Manikganj	31	2	0/0/100	21	1	0/0/100	46	44	0/4/96
	Munshiganj	31	2	0/0/100	22	2	0/0/100	43	36	0/13/87
	Narayanganj	31	2	0/0/100	22	1	0/0/100	34	30	0/15/85
	Narsingdi	31	2	0/0/100	22	1	0/0/100	30	27	0/13/87
	Rajbari	31	2	0/0/100	21	1	0/0/100	45	43	0/5/95
	Shariatpur	31	2	0/0/100	22	2	0/0/100	55	46	0/19/81
Rajshahi	Bogra	31	2	0/0/100	20	1	0/0/100	20	19	0/0/100
	Joypurhat	31	2	0/1/99	21	2	0/0/100	15	14	0/21/79
	Naogaon	30	2	0/0/100	20	1	0/0/100	22	22	0/9/91
	Natore	31	2	0/0/100	20	1	0/0/100	39	35	0/0/100
	Nawabganj	30	2	0/0/100	20	1	0/0/100	29	29	0/15/85
	Pabna	31	2	0/0/100	20	1	0/0/100	45	41	0/1/99
	Rajshahi	30	2	0/0/100	20	1	0/0/100	39	39	0/0/100

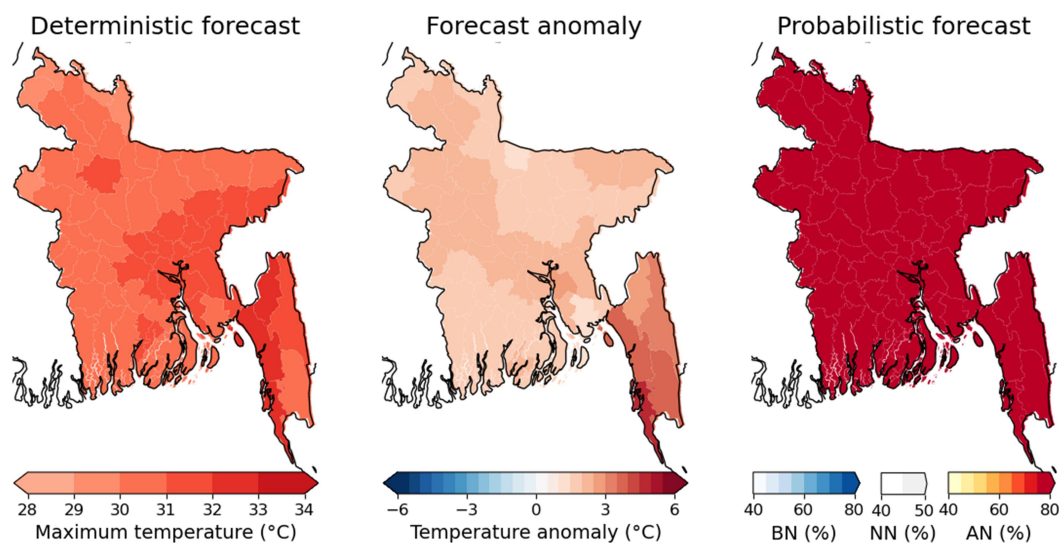
	Sirajganj	31	2	0/0/100	20	1	0/0/100	39	36	0/0/100
Rangpur	Dinajpur	30	2	0/2/98	21	2	0/0/100	2	1	42/4/54
	Gaibandha	30	2	0/1/99	22	2	0/0/100	10	10	4/13/83
	Kurigram	30	2	0/0/100	21	2	0/0/100	2	1	17/12/71
	Lalmonirhat	30	2	0/1/99	21	2	0/0/100	0	0	38/12/50
	Nilphamari	30	2	0/1/99	21	2	0/0/100	0	0	46/4/50
	Panchagarh	30	2	0/1/99	21	3	0/0/100	0	1	38/4/58
	Rangpur	30	2	0/1/99	21	2	0/0/100	0	1	21/17/62
	Thakurgaon	30	2	0/3/97	21	3	0/0/100	0	0	42/8/50
Mymen-singh	Jamalpur	31	2	0/0/100	21	1	0/0/100	20	18	0/2/98
	Mymen-singh	31	2	0/0/100	21	1	0/0/100	15	13	0/1/99
	Netrakona	30	2	0/0/100	22	2	0/0/100	18	16	0/4/96
	Sherpur	30	2	0/2/98	21	1	0/0/100	16	15	0/6/94
Chitta-gong	Bandarban	31	4	0/0/100	19	-1	0/0/100	37	29	2/33/65
	Brahamanbaria	31	2	0/0/100	21	1	0/0/100	69	66	0/14/86
	Chandpur	31	2	0/0/100	22	2	0/0/100	71	65	0/25/75
	Chittagong	32	4	0/0/100	21	0	0/0/100	52	43	0/49/51
	Comilla	31	2	0/0/100	22	2	0/0/100	78	74	0/24/76
	Cox's Bazar	32	4	0/0/100	23	1	0/0/100	46	36	3/42/55
	Feni	31	2	0/0/100	22	1	0/0/100	92	85	17/45/38
	Khagrachhari	32	3	0/0/100	20	-1	0/0/100	73	66	0/39/61
	Lakshmipur	31	2	0/0/100	23	2	0/0/100	75	64	8/51/40
	Noakhali	30	2	0/0/100	23	2	0/0/100	64	55	12/53/34
	Rangamati	31	4	0/0/100	19	-1	0/0/100	55	47	1/25/73
Khulna	Bagerhat	30	2	0/0/100	22	1	0/0/100	63	45	0/76/24
	Chuadanga	30	2	0/0/100	21	1	0/0/100	42	39	0/17/83
	Jessore	31	2	0/0/100	21	1	0/0/100	39	32	0/24/76
	Jhenaidah	30	2	0/0/100	21	1	0/0/100	37	34	0/10/90
	Khulna	30	2	0/0/100	21	1	0/0/100	50	33	0/76/24
	Kushtia	30	2	0/0/100	21	1	0/0/100	46	42	0/3/97
	Magura	30	2	0/0/100	21	1	0/0/100	39	35	0/13/87
	Meherpur	30	2	0/0/100	21	1	0/0/100	41	39	0/16/84
	Narail	30	2	0/0/100	22	2	0/0/100	53	45	0/23/77
	Satkhira	30	2	0/0/100	21	0	0/0/100	47	32	0/76/24
Barisal	Barguna	30	2	0/0/100	22	2	0/0/100	80	59	0/66/34
	Barisal	30	2	0/0/100	22	2	0/0/100	64	45	4/45/51
	Bhola	30	2	0/0/100	23	2	0/0/100	90	73	4/62/34
	Jhalokati	31	2	0/0/100	22	2	0/0/100	73	52	4/54/41
	Patuakhali	30	2	0/0/100	23	2	0/0/100	86	65	4/68/28
	Pirojpur	31	2	0/0/100	22	1	0/0/100	70	53	4/58/38
Sylhet	Habiganj	31	2	0/0/100	21	0	0/0/100	89	86	0/14/86
	Maulvibazar	31	2	0/0/100	20	0	0/0/100	94	90	0/16/84
	Sunamganj	30	2	0/0/100	21	2	0/0/100	43	40	0/18/82
	Sylhet	30	2	0/0/100	21	1	0/0/100	54	49	1/25/74

2.5 Guidance

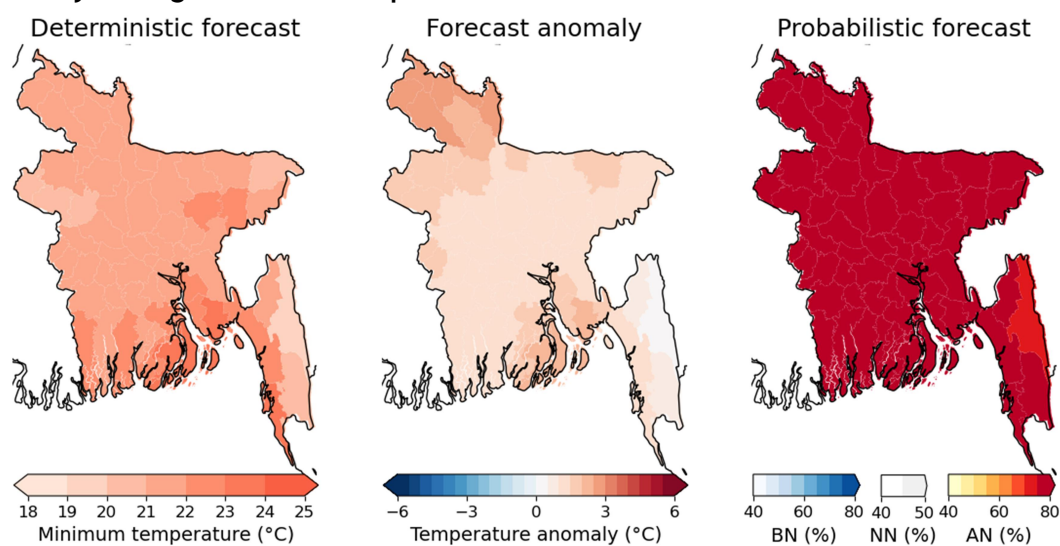
- Add here the text for guidance.

3. Weather Forecast for week 2 (Period: 08.11.2024 to 14.11.2024)

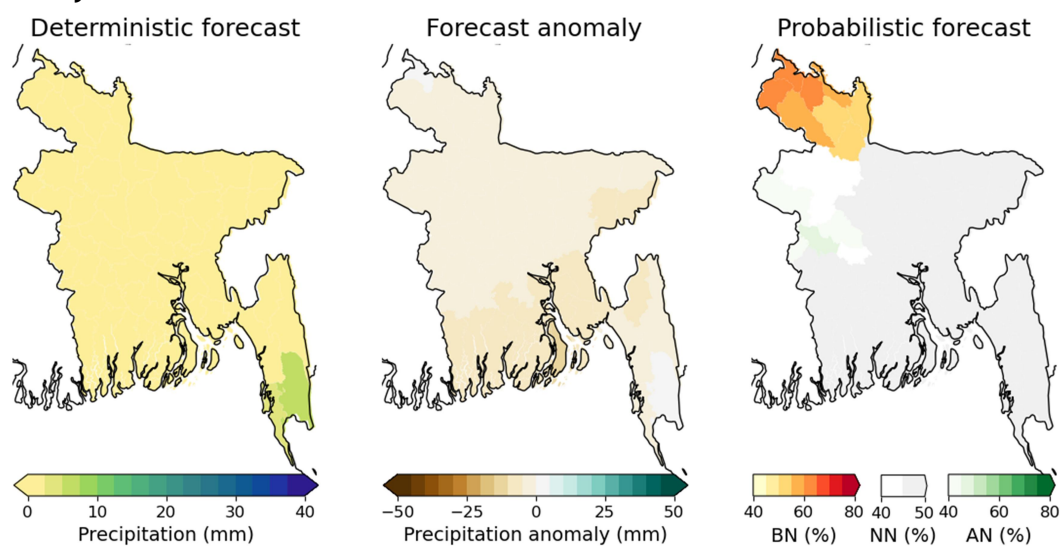
3.1 Weekly Average Maximum Temperature



3.2 Weekly Average Minimum Temperature



3.3 Weekly Rainfall Sum



3.4 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)		
		Deter-ministic	Anomaly	Probabilistic (BN/NN/AN)	Deter-ministic	Anomaly	Probabilistic (BN/NN/AN)	Deter-ministic	Anomaly	Probabilistic (BN/NN/AN)
Dhaka	Dhaka	31	2	0/6/94	22	1	0/4/96	0	-2	18/55/27
	Faridpur	31	2	1/6/93	21	1	0/2/98	0	-3	20/57/22
	Gazipur	31	2	0/7/93	22	1	0/5/95	0	-1	18/52/30
	Gopalganj	31	2	0/6/94	21	1	0/3/97	0	-6	20/62/18
	Kishoreganj	31	2	0/5/95	22	1	0/2/98	0	-2	20/65/15
	Madaripur	31	2	0/4/95	22	1	0/3/97	0	-5	16/64/20
	Manikganj	31	2	1/8/91	21	1	0/3/97	0	-2	21/46/33
	Munshiganj	32	2	0/4/96	22	1	0/4/96	0	-4	17/65/18
	Narayanganj	31	2	0/5/95	22	1	0/5/95	0	-3	18/64/18
	Narsingdi	31	2	0/5/95	22	1	0/5/95	0	-2	19/59/22
	Rajbari	31	2	1/10/89	21	1	0/1/99	0	-2	20/43/37
	Shariatpur	32	2	0/4/96	22	1	0/4/96	0	-6	17/66/18
Rajshahi	Bogra	31	2	0/10/90	21	2	0/1/99	0	0	21/44/35
	Joypurhat	31	2	0/13/87	21	2	0/0/100	0	0	37/38/24
	Naogaon	31	2	1/13/86	21	2	0/0/100	0	0	25/40/35
	Natore	31	2	0/12/88	21	1	0/2/98	0	0	19/41/40
	Nawabganj	30	2	2/16/82	21	2	0/1/99	0	0	24/34/41
	Pabna	31	2	0/11/88	21	1	0/1/99	0	-1	18/37/44
	Rajshahi	30	2	2/17/81	21	2	0/0/100	0	0	18/38/43
	Sirajganj	31	2	0/10/90	21	1	0/0/100	0	0	20/46/34
Rangpur	Dinajpur	30	2	0/12/88	22	3	0/1/99	0	-1	56/28/15
	Gaibandha	30	2	0/12/88	22	2	0/0/100	0	0	51/29/20
	Kurigram	30	2	0/10/90	22	3	0/2/98	0	0	51/31/17
	Lalmonirhat	30	2	0/11/89	22	3	0/3/97	0	0	60/25/15
	Nilphamari	31	2	0/14/86	22	3	0/1/99	0	0	61/24/15
	Panchagarh	29	2	0/9/91	21	3	0/1/99	0	0	62/24/13
	Rangpur	30	2	0/11/89	22	2	0/1/99	0	0	54/32/14
	Thakurgaon	30	2	0/9/90	21	3	0/1/99	0	0	63/22/14
Mymen-singh	Jamalpur	31	2	0/8/92	21	1	0/0/100	0	0	22/64/15
	Mymen-singh	31	2	0/7/93	22	1	0/5/95	0	0	17/63/20
	Netrakona	31	2	0/7/93	21	1	0/5/95	0	-1	20/61/19
	Sherpur	30	1	0/6/94	21	2	0/3/97	0	0	34/51/15
Chitta-gong	Bandarban	31	4	0/9/91	20	1	1/23/76	7	1	20/53/27
	Brahamanba- ria	31	2	0/5/95	22	1	0/4/96	0	-5	20/65/15
	Chandpur	32	3	0/4/96	22	2	0/4/96	0	-6	18/63/19
	Chittagong	32	4	0/0/100	23	1	0/6/94	0	-3	31/49/20
	Comilla	32	2	0/3/97	22	1	0/7/93	0	-6	23/58/19
	Cox's Bazar	33	5	0/5/95	24	1	0/6/94	3	0	16/59/26
	Feni	31	2	0/2/98	22	2	0/6/94	0	-9	33/49/19
	Khagrachha- ri	32	3	0/2/98	21	1	0/7/93	0	-8	23/61/16
	Lakshmipur	31	2	0/1/99	23	2	0/3/97	0	-8	36/50/14
	Noakhali	30	1	0/1/99	23	2	0/3/97	0	-7	32/53/15
	Rangamati	31	3	0/1/99	20	0	0/26/73	2	-5	16/63/20
	Bagerhat	31	2	0/7/93	22	1	0/3/97	0	-7	20/57/23
Khulna	Chuadanga	31	2	0/12/87	21	2	0/1/99	0	-2	18/46/36
	Jessore	31	2	1/11/88	21	1	0/3/97	0	-3	18/55/27
	Jhenaidah	31	2	1/12/87	21	1	0/2/98	0	-2	18/51/31
	Khulna	30	2	0/9/90	22	1	0/3/97	0	-6	14/66/20
	Kushtia	31	2	0/13/86	21	1	0/1/99	0	-1	18/33/49
	Magura	31	2	1/9/90	21	1	0/1/99	0	-3	19/57/24
	Meherpur	31	2	0/14/85	21	2	0/1/99	0	-1	18/40/42
	Narail	31	2	1/9/90	21	1	0/2/98	0	-5	19/62/20
	Satkhira	30	2	0/10/90	22	1	0/3/97	0	-7	14/60/26
Barisal	Barguna	30	2	0/3/97	22	2	0/3/97	0	-8	20/57/23
	Barisal	31	2	0/3/96	22	2	0/3/97	0	-9	32/52/16
	Bhola	30	2	0/3/97	24	2	0/1/99	0	-11	35/51/14
	Jhalokati	31	2	0/4/96	22	2	0/3/97	0	-7	33/52/15
	Patuakhali	30	2	0/3/97	23	2	0/2/98	0	-9	20/56/24
	Pirojpur	31	2	0/5/94	22	1	0/4/96	0	-7	32/52/17
Sylhet	Habiganj	32	2	0/4/96	22	1	0/4/96	0	-6	30/55/15
	Maulvibazar	31	2	0/3/97	22	1	0/6/94	0	-6	33/58/9

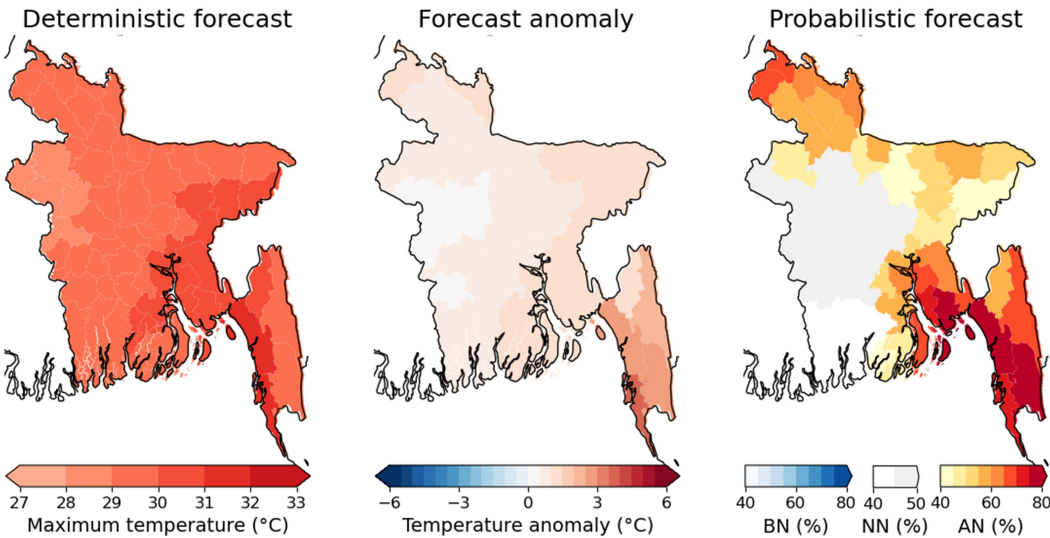
	Sunamganj	31	2	0/6/94	21	2	0/1/99	0	-3	22/64/15
	Sylhet	31	2	0/4/96	21	1	0/7/93	0	-4	28/57/15

3.5 Guidance

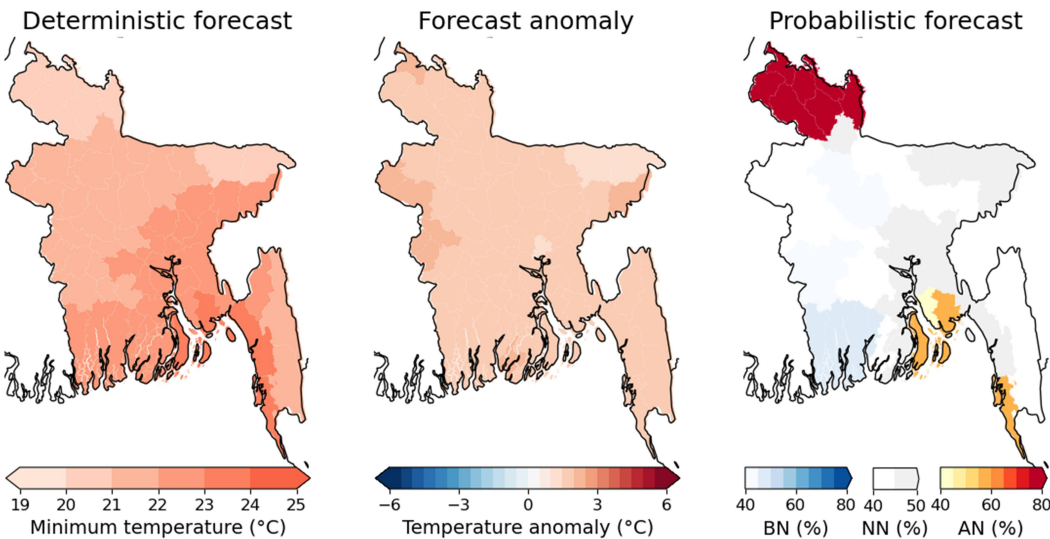
- Add here the text for guidance.

4. Weather Outlook for week 3+4 (Period: 15.11.2024 to 28.11.2024)

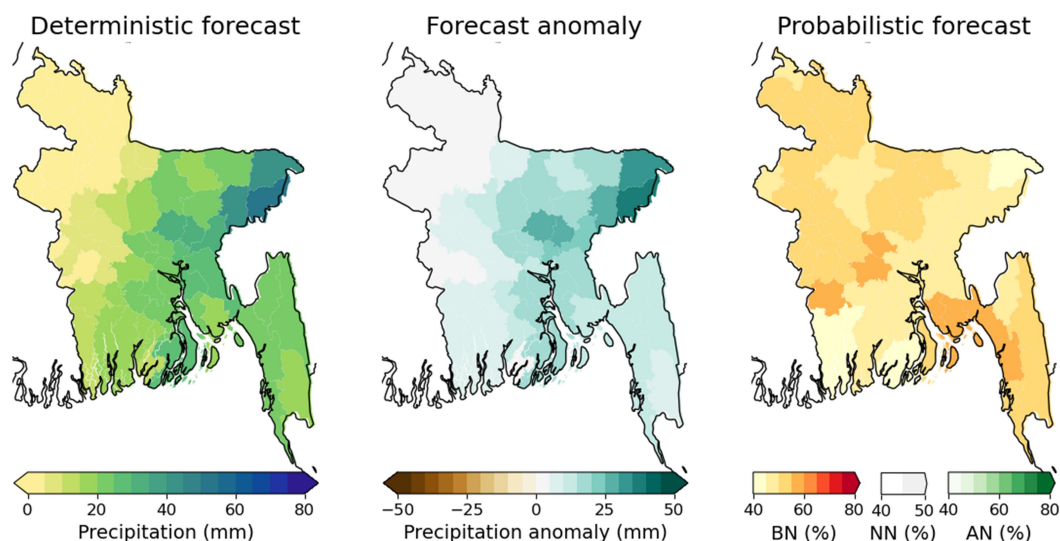
4.1 Two-weekly Average Maximum Temperature



4.2 Two-weekly Average Minimum Temperature



4.3 Two-weekly Rainfall Sum



4.4 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	30	1	10/54/36	22	2	16/50/34	24	19	48/30/23
	Faridpur	30	1	13/54/32	22	2	39/28/33	15	8	55/21/24
	Gazipur	30	1	19/50/31	22	2	16/50/34	30	27	54/25/21
	Gopalganj	30	1	18/50/31	22	2	38/28/34	23	15	48/32/21
	Kishoreganj	30	1	10/40/50	22	2	20/45/35	25	19	47/32/21
	Madaripur	30	1	13/36/52	22	2	21/44/36	24	17	46/33/20
	Manikganj	29	1	15/56/29	22	2	39/27/34	21	16	57/22/22
	Munshiganj	30	1	9/33/58	22	2	16/49/35	22	14	48/31/21
	Narayanganj	30	1	9/39/53	22	1	15/49/36	26	21	48/31/22
	Narsingdi	30	1	13/39/49	22	2	15/49/36	31	26	47/31/22
	Rajbari	29	1	19/52/28	22	2	43/23/34	10	5	54/25/21
	Shariatpur	30	1	9/27/64	22	2	12/53/36	24	16	47/28/24
Rajshahi	Bogra	29	1	14/49/37	21	2	42/23/35	4	4	49/29/22
	Joypurhat	29	1	15/30/55	21	2	25/40/35	3	2	53/20/27
	Naogaon	29	1	16/38/46	21	2	28/35/36	0	1	55/18/27
	Natore	29	0	24/63/13	22	2	38/30/32	7	6	50/28/22
	Nawabganj	29	1	17/54/29	21	2	25/38/37	0	1	46/25/29
	Pabna	29	0	20/63/17	22	2	39/26/35	9	7	54/24/22
	Rajshahi	29	0	20/57/23	21	2	38/26/37	2	1	52/19/30
	Sirajganj	29	0	12/72/16	22	2	42/23/34	14	13	48/29/23
Rangpur	Dinajpur	29	1	11/29/60	21	2	3/9/88	2	1	54/16/30
	Gaibandha	29	1	9/32/59	21	2	4/62/34	3	2	54/19/27
	Kurigram	29	1	10/26/64	21	2	2/17/81	2	1	54/20/27
	Lalmोनirhat	29	1	11/25/64	21	2	2/19/79	2	1	53/19/28
	Nilphamari	30	1	11/26/62	21	2	2/15/83	2	1	54/14/31
	Panchagarh	29	1	10/24/66	21	2	2/20/78	3	2	47/22/31
	Rangpur	29	1	12/31/57	21	2	3/13/84	2	1	54/15/31
	Thakurgaon	29	1	9/24/66	21	2	1/10/88	0	0	54/14/32
Mymen-singh	Jamalpur	29	1	13/41/46	21	2	28/37/35	8	6	49/29/22
	Mymen-singh	30	1	11/46/44	22	2	25/41/34	20	18	52/28/20
	Netrakona	30	1	11/35/54	22	2	22/45/33	18	14	53/26/21
	Sherpur	30	1	12/31/57	21	2	23/43/35	8	6	52/25/22
Chitta-gong	Bandarban	30	3	8/15/76	21	2	29/41/29	19	8	51/23/26
	Brahamanbaria	30	1	12/42/46	22	2	16/49/34	34	24	47/28/25
	Chandpur	31	1	8/25/67	22	2	3/63/34	29	19	49/28/22
	Chittagong	31	3	13/7/80	23	2	16/47/37	21	11	56/17/27
	Comilla	30	1	12/23/65	22	2	4/61/35	27	16	48/26/26
	Cox's Bazar	32	4	9/19/73	24	2	7/35/57	22	10	51/24/25
	Feni	31	1	10/21/69	23	2	3/59/38	26	13	55/16/29
	Khagrachha	31	1	14/27/59	23	2	24/45/32	25	13	49/22/28

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	Lakshmipur	31	1	12/15/73	22	2	2/54/44	25	16	56/18/27
	Noakhali	30	1	10/14/75	23	2	2/41/57	19	10	55/19/26
	Rangamati	30	2	13/19/68	21	2	33/37/31	23	11	53/18/29
Khulna	Bagerhat	30	1	22/41/37	22	2	47/19/34	15	9	47/34/18
	Chuadanga	29	0	23/57/20	22	2	43/26/31	7	4	52/24/24
	Jessore	29	0	20/55/25	22	2	42/29/29	11	6	57/23/21
	Jhenaidah	29	1	19/57/23	22	2	42/27/30	4	0	55/25/21
	Khulna	30	1	24/44/32	22	2	47/23/30	15	10	42/40/19
	Kushtia	29	0	22/59/19	22	2	38/29/33	8	6	53/25/22
	Magura	29	1	18/54/28	22	2	42/27/31	9	3	55/22/23
	Meherpur	29	0	23/61/17	22	2	39/30/31	5	3	54/21/25
	Narail	30	1	18/53/29	22	2	38/33/29	17	10	50/29/21
	Satkhira	29	1	29/43/28	22	2	48/26/26	15	10	43/39/19
Barisal	Barguna	30	1	15/41/43	23	2	31/35/34	13	4	43/41/16
	Barisal	30	1	9/34/57	22	2	8/56/36	22	15	49/23/28
	Bhola	30	1	10/22/68	23	2	3/39/57	28	16	51/25/25
	Jhalokati	30	1	17/44/39	22	2	24/43/34	18	11	48/34/18
	Patuakhali	30	1	15/36/48	23	2	6/56/38	29	19	43/32/26
	Pirojpur	30	1	18/43/39	22	2	48/18/34	17	10	47/34/19
Sylhet	Habiganj	31	1	13/47/40	23	2	20/45/35	41	29	47/28/25
	Maulvibazar	31	1	13/46/41	23	2	20/45/35	51	38	47/30/23
	Sunamganj	30	1	12/31/57	21	1	16/52/32	24	17	45/34/20
	Sylhet	30	1	10/36/54	21	1	15/53/32	42	33	42/39/19

4.5 Guidance

- Add here the text for guidance.

Forecast legend

Rainfall category	Amounts of rainfall
• Light rain • Moderate rain • Moderately Heavy • Heavy rain • Very heavy rain	1-10 mm/day 11-22 mm/day 23-43 mm/day Heavy rain: 44-88 mm/day Very heavy rain: ≥ 89 mm/day
Probabilistic values • 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)
• Anomaly	The difference between the deterministic value and the climatology (Climatology = Deterministic - Anomaly)