



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 27 September 2024

Subject: Experimental Sub-seasonal forecast for Bangladesh during 27.09.2024 to 24.10.2024

1. Significant information

1.1 Significant Information week 1 (Period: 27.09.2024 to 03.10.2024)

- Maximum temperature likely to be above normal over Rajshahi, Khulna, Dhaka and Barishal divisions and likely to be below normal elsewhere over the country. Minimum temperature likely to be above normal over the country. Rinfall is likely to be near normal to above normal over the country.

1.2 Significant Information week 2 (Period: 04.10.2024 to 10.10.2024)

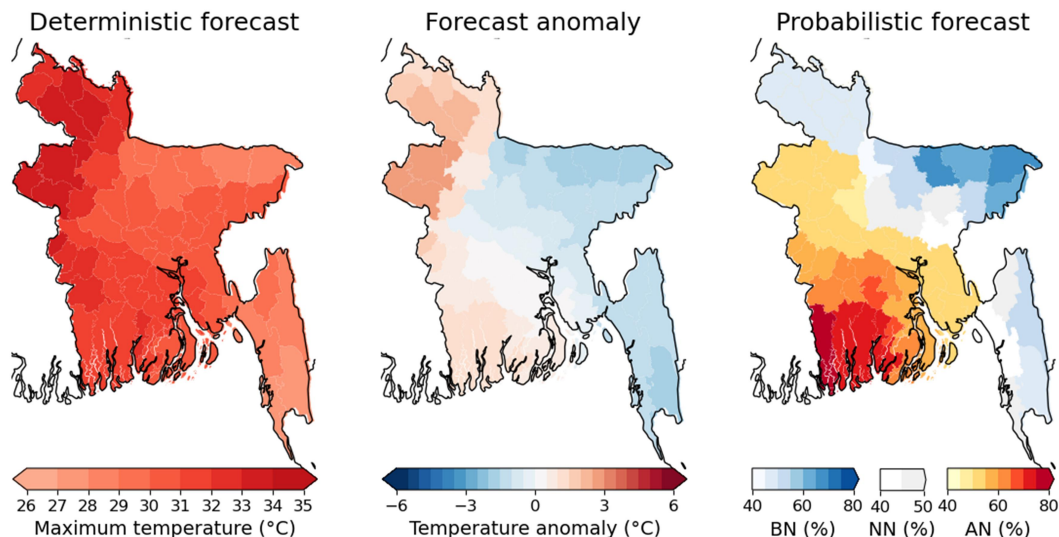
- Maximum temperature likely to be below normal over the country except for Rangpur and parts of Rajshahi division where it is likely to be above normal. Minimum temperature likely to be above normal over the country. Rinfall is likely to be near normal to above normal over the country.

1.3 Significant Information week 3+4 (Period: 11.10.2024 to 24.10.2024)

- Maximum temperature likely to be above normal over the country. Minimum temperature likely to be near normal over the country. Rinfall is likely to be below normal to above normal over the country..

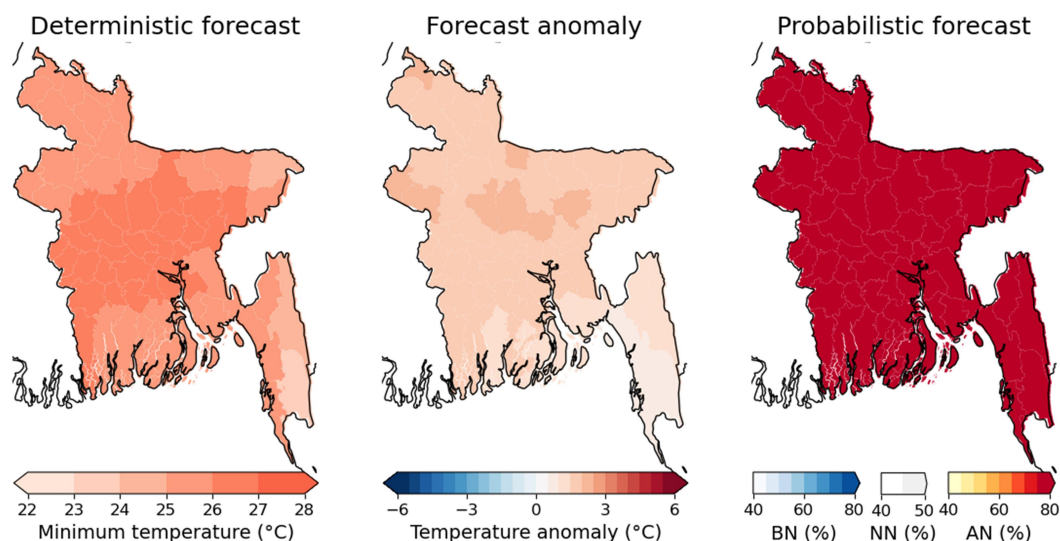
2. Weather Forecast for week 1 (Period: 27.09.2024 to 03.10.2024)

2.1 Weekly Average Maximum Temperature

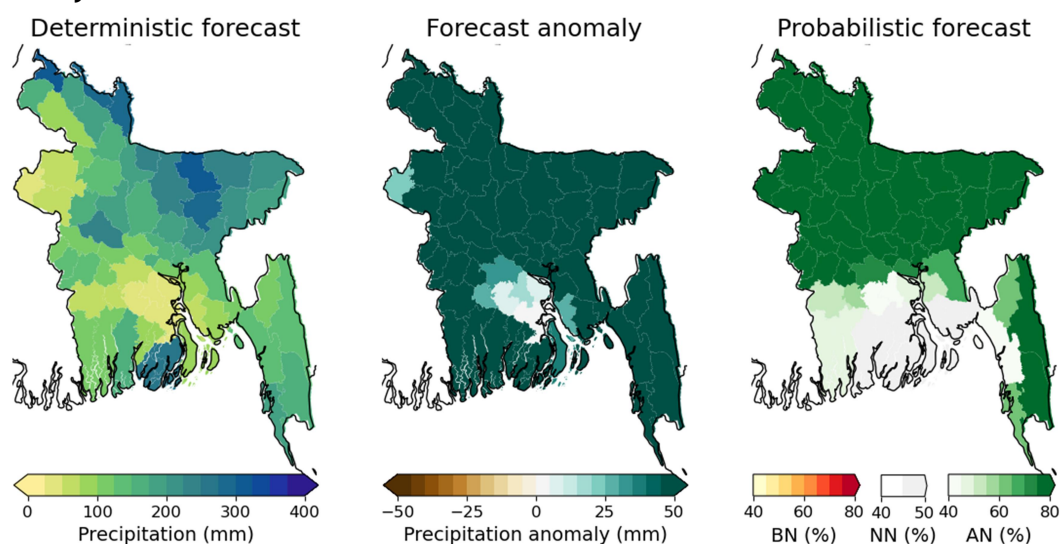


2.2 Weekly Average Minimum Temperature

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



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	0	14/34/52	26	2	0/0/100	153	117	0/11/89
	Faridpur	31	0	4/35/61	26	2	0/0/100	59	32	0/28/72
	Gazipur	31	-1	23/48/30	26	2	0/0/100	189	155	0/12/88
	Gopalganj	32	0	2/32/66	26	2	0/0/100	48	7	2/54/44
	Kishoreganj	30	-1	40/60/0	26	2	0/0/100	285	251	0/7/93
	Madaripur	31	0	4/35/61	26	2	0/0/100	49	16	1/54/44
	Manikganj	31	0	9/37/53	26	2	0/0/100	108	77	0/9/91
	Munshiganj	31	0	12/34/54	26	2	0/0/100	117	84	0/28/72
	Narayanganj	31	-1	17/32/51	26	2	0/0/100	158	122	0/12/87
	Narsingdi	30	-1	29/37/34	26	2	0/0/100	223	188	0/8/92
	Rajbari	31	0	6/39/55	26	2	0/0/100	111	83	0/12/88
Rajshahi	Shariatpur	31	0	6/37/57	26	2	0/0/100	39	7	2/51/46
	Bogra	32	1	26/24/50	26	2	0/0/100	131	100	0/6/94
	Joypurhat	34	3	38/12/50	26	2	0/0/100	100	70	0/13/87
	Naogaon	34	3	25/24/51	26	2	0/0/100	74	50	0/12/88
	Natore	32	1	11/37/52	26	2	0/0/100	169	135	0/8/92
	Nawabganj	34	3	16/33/51	26	2	0/0/100	47	25	0/12/88
	Pabna	31	0	11/36/52	26	2	0/0/100	225	184	0/9/91
	Rajshahi	34	3	9/39/52	26	2	0/0/100	75	51	0/8/92

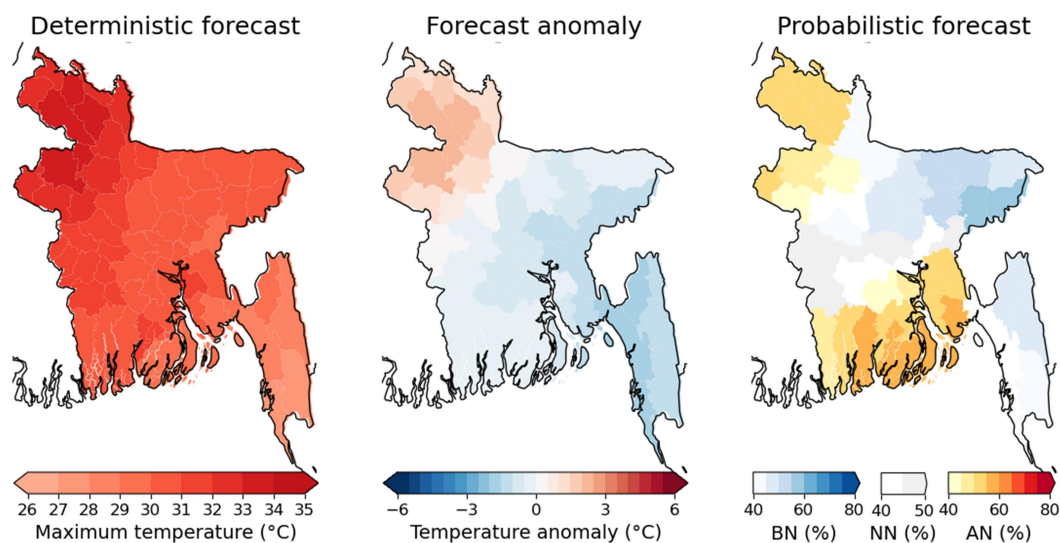
	Sirajganj	30	-1	15/38/47	26	2	0/1/99	185	147	0/5/95
Rangpur	Dinajpur	33	2	47/3/50	25	2	0/1/99	100	72	0/17/83
	Gaibandha	32	1	50/0/50	26	2	0/6/94	171	142	0/5/95
	Kurigram	32	1	50/0/50	25	2	0/11/89	276	239	0/17/83
	Lalmonirhat	33	1	50/0/50	25	2	0/5/95	279	241	0/12/88
	Nilphamari	33	2	49/1/50	25	2	0/6/94	180	149	0/17/83
	Panchagarh	32	1	50/0/50	25	2	0/0/100	310	277	0/0/100
	Rangpur	33	2	49/1/50	25	2	0/2/98	196	160	0/17/83
	Thakurgaon	33	2	48/2/50	25	2	0/6/94	155	128	0/21/79
Mymensingh	Jamalpur	30	-1	44/27/29	26	2	0/3/97	199	168	0/1/99
	Mymensingh	30	-1	50/50/0	26	2	0/0/100	245	215	0/3/97
	Netrakona	29	-2	66/34/0	26	2	0/1/99	325	291	0/1/99
	Sherpur	29	-2	52/31/17	26	2	0/1/99	229	198	0/1/99
Chittagong	Bandarban	27	-2	48/51/1	24	1	0/4/96	163	115	1/10/89
	Brahmanbaria	30	-1	33/42/25	26	2	0/0/100	220	183	0/9/90
	Chandpur	31	0	10/37/53	26	2	0/0/100	82	49	4/45/51
	Chittagong	29	-1	33/29/38	25	1	0/0/100	141	90	2/54/44
	Comilla	30	-1	22/27/50	26	2	0/0/100	143	106	1/29/69
	Cox's Bazar	28	-1	29/70/1	25	1	0/2/98	195	147	3/33/64
	Feni	30	-1	28/21/50	25	1	0/0/100	110	69	3/62/34
	Khagrachhari	30	-1	38/53/9	25	1	0/0/100	116	76	2/37/61
	Lakshmipur	31	0	7/39/53	26	1	0/0/100	66	30	13/53/33
	Noakhali	30	0	11/37/52	26	1	0/0/100	82	46	8/59/34
	Rangamati	28	-1	50/49/0	25	1	0/0/100	140	92	1/14/84
Khulna	Bagerhat	32	1	0/25/75	26	1	0/0/100	155	116	2/66/32
	Chuadanga	33	1	2/39/59	26	2	0/0/100	139	105	0/16/84
	Jessore	32	1	1/36/63	26	2	0/0/100	73	47	1/45/54
	Jhenaidah	32	1	3/39/58	26	2	0/0/100	139	107	0/18/82
	Khulna	32	1	0/25/74	26	2	0/0/100	110	75	2/51/47
	Kushtia	32	1	6/39/54	26	2	0/0/100	124	87	0/11/89
	Magura	32	0	2/37/60	26	2	0/0/100	103	76	1/24/75
	Meherpur	33	2	3/40/57	26	2	0/0/100	122	90	0/13/87
	Narail	32	1	2/34/64	26	2	0/0/100	59	28	2/40/58
	Satkhira	32	1	0/25/75	26	2	0/0/100	100	64	2/51/47
	Barguna	31	1	0/25/74	26	2	0/0/100	267	216	4/60/35
Barisal	Barisal	31	0	3/37/60	26	2	0/0/100	38	3	3/58/39
	Bhola	31	1	1/40/59	26	1	0/0/100	78	39	4/73/23
	Jhalokati	32	1	1/29/69	26	1	0/0/100	92	51	3/64/33
	Patuakhali	31	1	0/36/64	26	1	0/0/100	274	221	6/65/29
	Pirojpur	32	1	1/27/72	26	2	0/0/100	95	54	3/65/32
Sylhet	Habiganj	30	-1	51/49/0	26	2	0/0/100	209	171	0/5/94
	Maulvibazar	30	-1	63/37/0	26	2	0/0/100	176	139	0/10/90
	Sunamganj	29	-2	62/38/0	25	2	0/2/98	244	205	0/3/97
	Sylhet	29	-2	66/30/4	25	2	0/0/100	211	168	0/3/97

2.5 Guidance

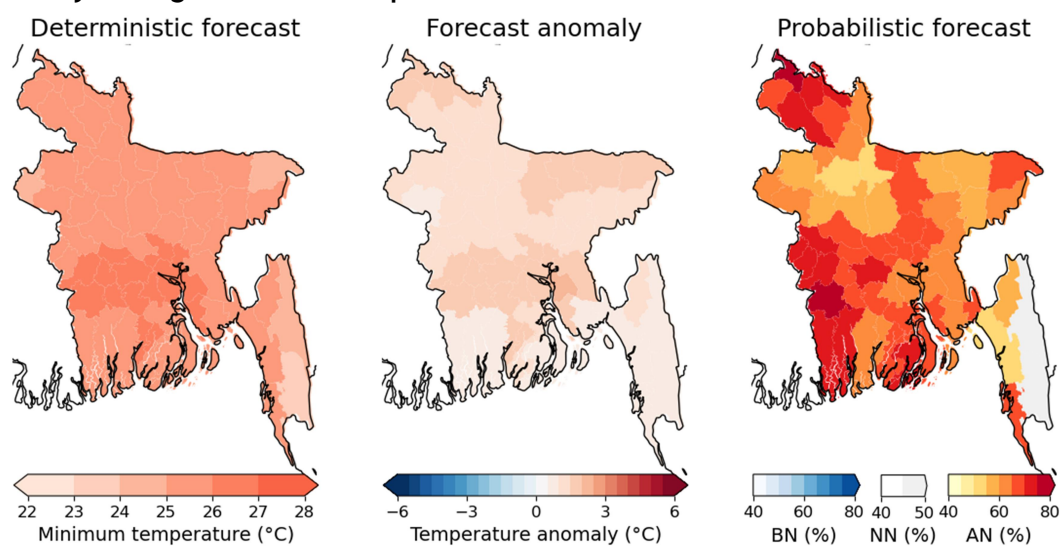
- Add here the text for guidance.

3. Weather Forecast for week 2 (Period: 04.10.2024 to 10.10.2024)

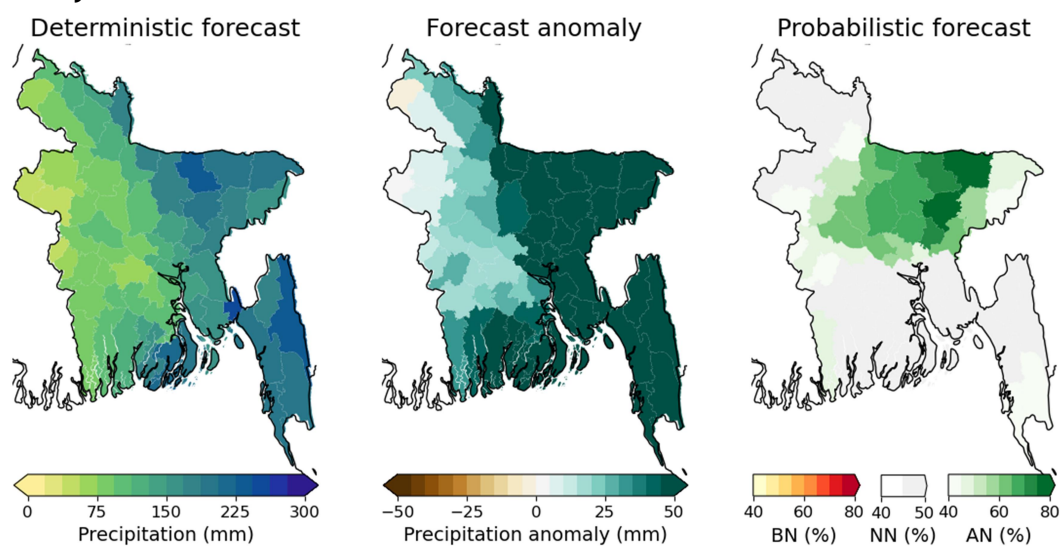
3.1 Weekly Average Maximum Temperature



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)		
		Deterministic	Anomaly	Probabilistic (BN/NN/AN)	Deterministic	Anomaly	Probabilistic (BN/NN/AN)	Deterministic	Anomaly	Probabilistic (BN/NN/AN)
Dhaka	Dhaka	31	-1	36/49/14	26	2	1/31/68	116	53	2/39/58
	Faridpur	31	-1	30/42/27	26	2	1/27/72	72	20	4/59/37
	Gazipur	30	-1	45/44/11	26	1	0/30/70	136	68	2/32/66
	Gopalganj	31	-1	26/32/42	26	2	2/29/69	106	28	6/66/28
	Kishoreganj	31	-1	51/34/14	26	1	7/33/60	206	126	1/17/82
	Madaripur	31	-1	27/31/41	26	2	2/33/64	81	21	5/67/28
	Manikganj	31	-1	34/50/15	26	1	1/29/69	84	24	2/37/61
	Munshiganj	30	-1	34/34/32	27	2	2/33/65	119	55	3/63/34
	Narayanganj	30	-1	36/37/27	26	2	1/33/66	147	86	3/47/49
	Narsingdi	30	-1	38/44/19	26	1	1/33/66	165	94	2/26/72
	Rajbari	31	0	35/49/16	26	2	1/32/66	80	20	4/47/49
	Shariatpur	31	-1	28/22/49	26	2	2/33/64	96	31	4/69/27
Rajshahi	Bogra	32	1	36/20/44	25	1	3/45/51	81	21	4/45/52
	Joypurhat	33	2	36/16/48	25	1	1/38/61	92	18	9/54/37
	Naogaon	33	2	34/18/48	25	1	1/41/58	71	9	6/60/34
	Natore	32	1	31/41/28	26	1	2/38/60	88	23	4/41/55
	Nawabganj	33	2	25/22/53	25	1	0/35/64	45	0	8/68/24
	Pabna	31	0	41/49/10	26	1	2/31/67	103	22	3/35/61
	Rajshahi	32	1	27/28/45	25	1	1/37/62	56	9	7/49/44
Rangpur	Sirajganj	32	0	39/43/18	25	1	2/41/57	92	27	3/34/63
	Dinajpur	33	2	34/13/52	25	1	0/29/70	90	8	8/66/26
	Gaibandha	33	2	41/12/47	25	1	2/36/61	126	34	4/53/43
	Kurigram	32	1	43/11/46	25	1	3/37/60	173	50	2/62/35
	Lalmonirhat	33	1	37/11/51	25	2	1/29/70	140	30	10/62/28
	Nilphamari	33	2	37/12/51	25	2	1/28/71	114	25	15/60/25
	Panchagarh	32	1	35/14/51	25	2	0/15/85	109	24	7/68/26
Mymensingh	Rangpur	33	2	39/10/51	25	1	2/29/69	124	27	8/60/32
	Thakurgaon	33	2	32/17/51	25	2	1/29/69	69	0	17/62/21
	Jamalpur	32	0	43/27/31	25	1	1/46/52	124	48	3/34/63
	Mymensingh	31	0	48/33/18	26	2	1/31/68	184	110	3/31/66
	Netrakona	30	-1	53/29/18	26	2	3/37/59	232	144	1/24/74
	Sherpur	31	0	44/26/30	25	1	2/31/67	182	94	3/31/66
	Bandarban	28	-1	42/49/9	24	1	2/68/30	189	132	12/46/42
Chittagong	Brahmanbaria	30	-1	39/51/10	26	1	3/34/62	182	115	2/33/65
	Chandpur	31	0	30/15/54	27	2	1/35/63	146	77	3/72/25
	Chittagong	28	-2	32/37/31	25	1	6/41/53	197	142	1/60/39
	Comilla	30	-1	34/16/50	26	2	1/37/62	165	98	2/70/28
	Cox's Bazar	28	-2	36/29/35	25	1	4/29/67	199	134	12/44/44
	Feni	29	-2	30/32/38	25	1	1/33/65	247	157	12/57/31
	Khagrachhari	30	-2	46/45/9	25	1	2/41/56	182	116	8/59/32
	Lakshmipur	30	-1	27/18/54	26	2	1/33/65	154	83	8/63/29
	Noakhali	29	-1	28/17/55	25	1	6/30/63	153	94	6/61/32
	Rangamati	28	-1	48/41/11	24	1	3/71/26	229	172	7/58/35
	Bagerhat	31	0	20/24/55	26	1	2/37/61	114	46	5/67/28
Khulna	Chuadanga	32	0	23/52/25	26	1	1/26/73	60	17	4/48/48
	Jessore	31	0	21/48/31	26	2	0/23/76	76	20	8/56/36
	Jhenaidah	31	0	24/50/25	26	2	0/27/73	93	29	5/53/41
	Khulna	31	0	21/28/51	25	1	1/28/70	105	44	8/52/40
	Kushtia	32	0	28/57/15	26	1	1/28/71	79	17	3/49/48
	Magura	31	0	28/44/28	26	2	0/31/69	83	19	5/57/38
	Meherpur	32	0	24/51/25	26	1	1/24/75	53	12	4/52/44
	Narail	31	-1	24/38/37	26	2	0/30/70	94	25	6/68/26
	Satkhira	31	0	20/32/48	26	1	1/27/72	90	30	7/47/46
	Barguna	30	0	20/24/55	25	1	2/30/68	180	101	4/57/39
Barisal	Barisal	31	0	26/20/54	26	1	3/30/67	109	44	6/70/24
	Bhola	29	-1	22/22/56	25	1	5/27/68	191	109	3/72/24
	Jhalokati	31	0	23/22/55	26	2	4/30/66	150	74	6/73/21
	Patuakhali	30	0	22/22/56	25	1	4/25/71	209	116	4/70/26
	Pirojpur	31	0	22/23/55	26	2	3/35/61	145	69	6/72/21
Sylhet	Habiganj	30	-1	56/43/1	26	1	7/33/60	172	112	1/41/58
	Maulvibazar	30	-1	59/35/5	25	1	3/34/63	155	105	1/57/42

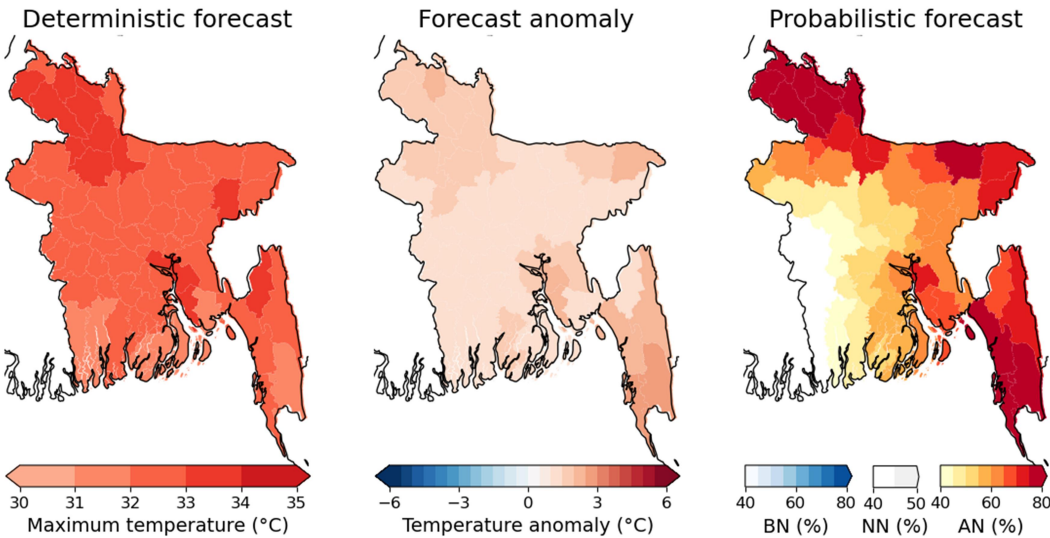
	Sunamganj	30	0	52/27/21	25	2	5/36/59	188	112	0/22/78
	Sylhet	30	0	47/27/25	25	2	1/33/65	198	142	1/50/48

3.5 Guidance

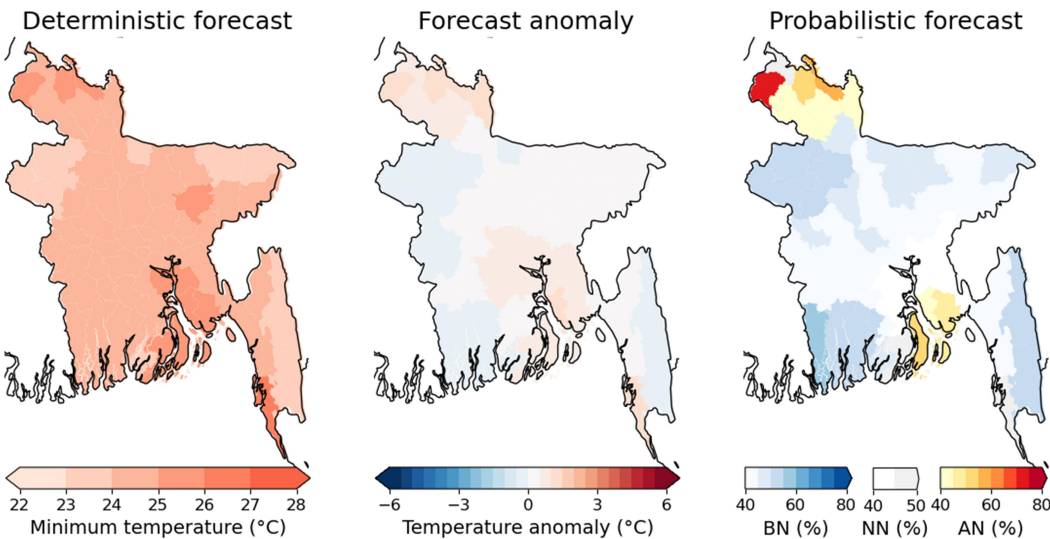
- Add here the text for guidance.

4. Weather Outlook for week 3+4 (Period: 11.10.2024 to 24.10.2024)

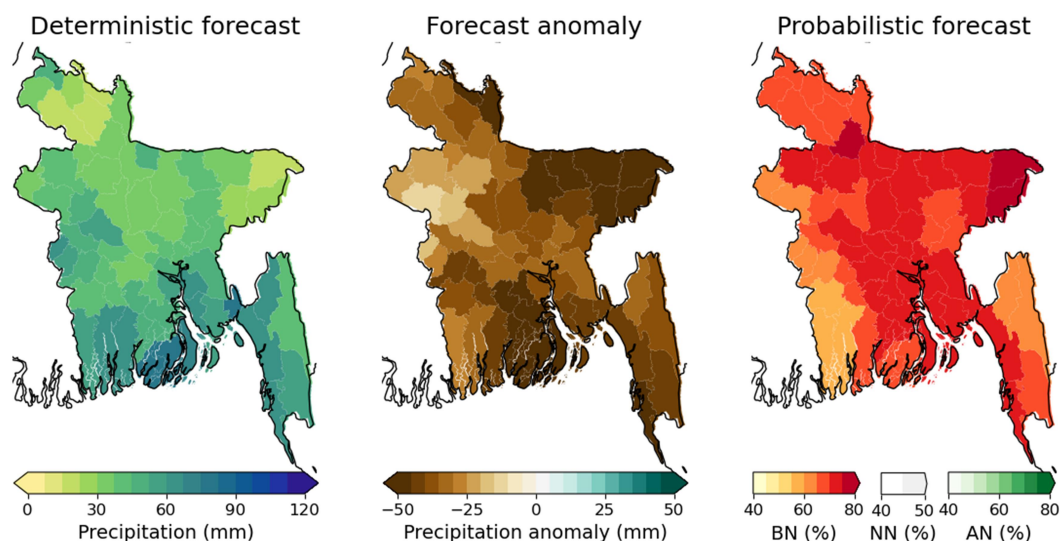
4.1 Two-weekly Average Maximum Temperature



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)		
		Deterministic	Anomaly	Probabilistic (BN/NN/AN)	Deterministic	Anomaly	Probabilistic (BN/NN/AN)	Deterministic	Anomaly	Probabilistic (BN/NN/AN)
Dhaka	Dhaka	33	1	19/31/51	25	1	45/28/27	40	-35	73/20/7
	Faridpur	33	1	14/36/50	25	1	44/28/28	34	-31	71/23/6
	Gazipur	32	1	22/26/52	25	0	45/31/24	36	-38	72/18/10
	Gopalganj	33	1	13/35/53	25	1	43/28/28	48	-49	71/21/8
	Kishoreganj	33	1	13/26/61	25	0	44/29/27	45	-40	69/17/14
	Madaripur	33	1	12/31/57	25	1	39/33/28	39	-49	70/23/7
	Manikganj	32	1	24/27/50	25	1	45/27/28	36	-34	72/19/9
	Munshiganj	33	2	10/30/60	25	1	40/31/29	48	-34	72/17/11
	Narayanganj	33	2	9/31/60	25	1	40/35/25	44	-32	73/14/13
	Narsingdi	32	1	17/22/60	25	0	43/33/24	41	-33	66/21/13
	Rajbari	32	1	23/35/42	25	0	43/28/29	41	-33	70/22/8
	Shariatpur	33	2	8/31/62	25	1	30/42/27	55	-38	72/18/11
Rajshahi	Bogra	33	2	16/21/63	24	0	54/19/27	37	-21	72/17/10
	Joypurhat	33	2	7/27/65	24	0	50/24/26	36	-29	74/16/10
	Naogaon	33	2	15/21/64	24	0	53/21/27	41	-21	70/20/10
	Natore	33	2	16/39/45	24	0	53/19/28	48	-18	67/22/11
	Nawabganj	33	1	14/29/57	24	0	53/18/29	35	-21	65/23/12
	Pabna	32	1	25/34/41	24	0	44/28/28	57	-24	70/19/11
	Rajshahi	33	1	15/37/48	24	0	53/18/29	41	-12	61/27/11
	Sirajganj	33	1	16/37/47	24	0	49/22/30	35	-38	69/21/10
Rangpur	Dinajpur	33	2	7/16/77	25	1	12/47/41	22	-30	67/21/11
	Gaibandha	33	2	6/19/75	24	0	46/25/29	35	-34	75/15/10
	Kurigram	33	2	6/15/78	25	1	9/47/44	36	-46	69/22/9
	Lalmonirhat	33	2	8/11/81	25	1	8/33/59	19	-53	69/21/10
	Nilphamari	34	2	8/13/79	25	1	7/39/54	24	-34	68/21/10
	Panchagarh	33	2	8/13/79	24	1	10/56/34	50	-29	69/21/9
	Rangpur	33	2	7/13/79	25	1	14/45/41	17	-40	70/20/10
	Thakurgaon	33	2	7/16/77	25	1	8/20/72	31	-34	66/24/10
Mymensingh	Jamalpur	33	2	6/22/72	24	0	44/29/27	37	-34	74/17/8
	Mymensingh	33	1	9/31/60	25	0	46/29/25	34	-46	73/19/8
	Netrakona	33	1	9/22/69	24	0	46/27/27	44	-50	73/18/9
	Sherpur	33	1	6/22/72	23	0	45/30/25	47	-35	74/18/8
Chittagong	Bandarban	32	3	10/14/76	23	0	54/21/25	58	-40	66/23/11
	Brahmanbaria	33	1	13/26/61	25	0	39/34/27	40	-39	68/20/12
	Chandpur	33	2	8/22/71	25	1	28/40/32	66	-37	73/16/11
	Chittagong	33	2	10/15/75	25	0	45/21/34	61	-40	71/20/9
	Comilla	33	2	8/31/62	25	1	32/38/30	48	-33	73/16/11
	Cox's Bazar	33	3	6/18/77	26	1	14/50/36	62	-51	72/18/10
	Feni	32	1	7/29/65	25	0	31/36/32	82	-44	73/17/10
	Khagrachha	33	1	11/20/68	24	0	42/31/26	61	-32	63/27/10

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	Lakshmipur	33	2	7/25/68	26	1	5/53/41	62	-44	72/17/11
	Noakhali	32	1	6/25/69	25	1	4/46/49	54	-42	72/17/11
	Rangamati	32	2	11/16/73	23	0	54/17/29	43	-38	64/27/9
Khulna	Bagerhat	32	1	11/43/46	25	0	50/20/30	60	-43	67/21/11
	Chuadanga	32	1	29/35/36	24	0	44/28/28	55	-27	64/25/11
	Jessore	33	1	22/39/39	24	0	44/28/27	38	-39	58/33/9
	Jhenaidah	32	1	25/39/36	24	0	44/28/27	51	-41	61/29/9
	Khulna	32	1	16/42/42	24	0	54/16/30	62	-34	57/33/11
	Kushtia	32	1	29/35/36	24	0	48/24/28	47	-30	69/20/11
	Magura	33	1	23/36/42	25	0	44/28/28	39	-44	70/21/9
	Meherpur	33	1	29/35/36	24	0	44/28/28	60	-19	63/26/11
	Narail	33	1	18/33/49	25	0	44/27/28	40	-44	66/26/8
	Satkhira	32	1	20/41/39	24	0	55/16/29	57	-29	57/31/12
Barisal	Barguna	31	2	10/39/50	24	0	46/23/31	80	-60	68/20/12
	Barisal	32	1	11/30/59	25	0	29/41/30	50	-52	74/15/11
	Bhola	31	1	6/29/65	26	1	3/46/51	70	-58	73/17/10
	Jhalokati	33	2	11/30/60	25	0	44/29/27	51	-56	72/17/12
	Patuakhali	31	1	10/34/56	25	1	17/46/37	81	-65	68/21/10
	Pirojpur	33	2	11/34/55	25	0	52/21/27	51	-52	71/17/12
Sylhet	Habiganj	33	1	13/24/63	25	0	44/29/27	28	-53	74/13/13
	Maulvibazar	33	1	13/15/73	25	0	45/29/26	24	-51	76/12/13
	Sunamganj	33	2	5/18/78	24	0	41/29/30	32	-54	74/19/7
	Sylhet	33	2	6/20/74	23	0	46/31/22	17	-54	76/19/6

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)