



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 01 October 2024

Subject: Experimental Sub-seasonal forecast for Bangladesh during 01.10.2024 to 28.10.2024

1. Significant information

1.1 Significant Information week 1 (Period: 01.10.2024 to 07.10.2024)

- Maximum temperature is likely to be above normal over the country except for Chattogram division where it is likely to be below normal. Minimum temperature is 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: 08.10.2024 to 14.10.2024)

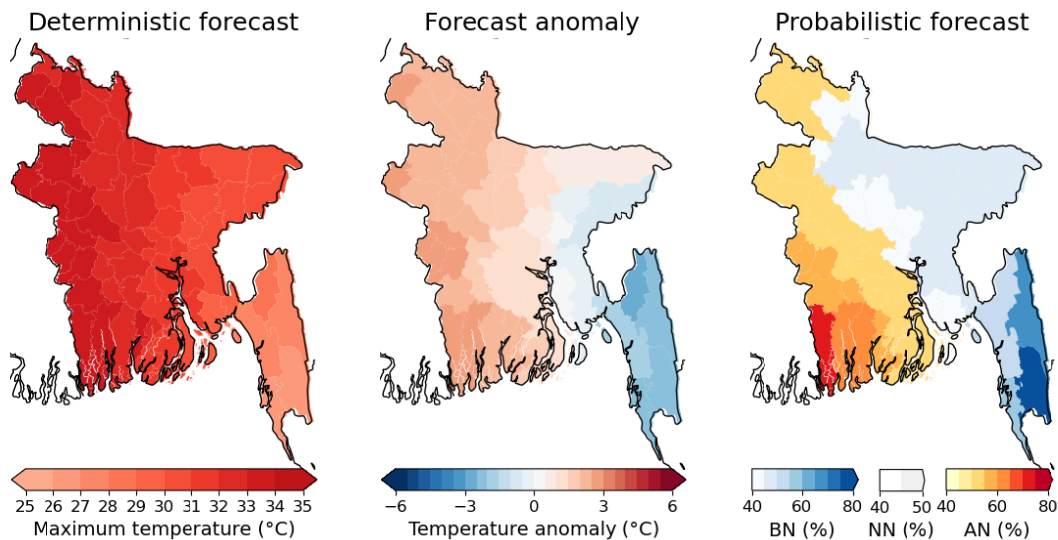
- Maximum temperature is likely to be above normal over the country. Minimum temperature is likely to be above normal over the country except for Chattogram division where it is likely to be near normal. Rainfall is likely to be near normal to below normal over the country.

1.3 Significant Information week 3+4 (Period: 15.10.2024 to 28.10.2024)

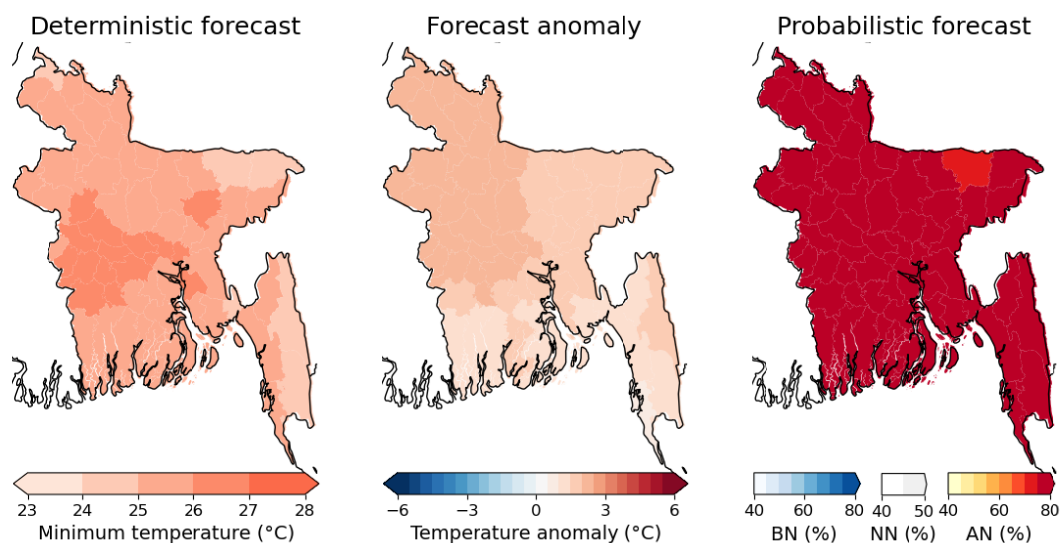
- Maximum temperature is likely to be near normal to above normal over the country. Minimum temperature is likely to be near normal over the country. Rainfall is likely to be below normal over the country.

2. Weather Forecast for week 1 (Period: 01.10.2024 to 07.10.2024)

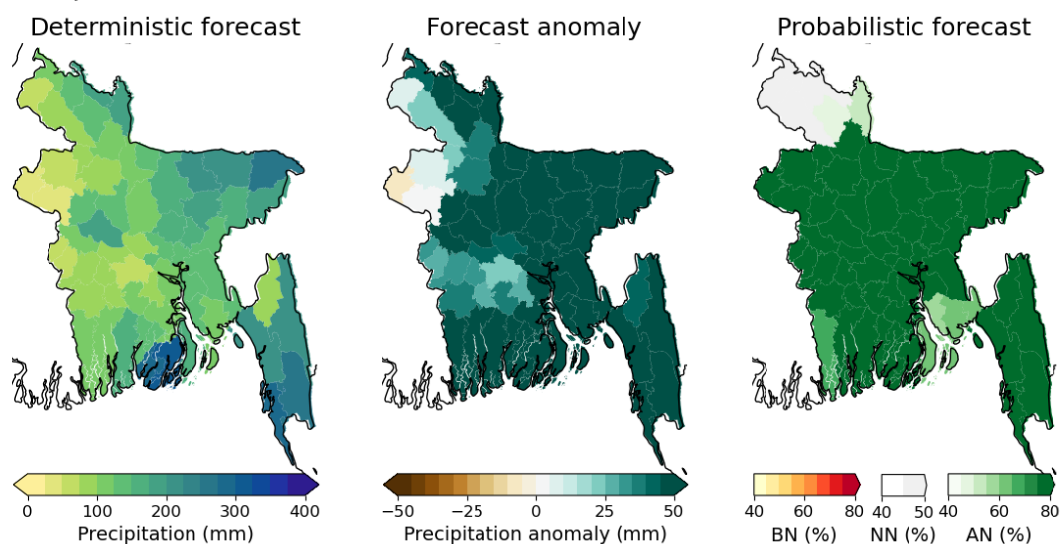
2.1 Weekly Average Maximum Temperature



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)		
		Deterministic	Anomaly	Probabilistic (BN/NN/AN)	Deterministic	Anomaly	Probabilistic (BN/NN/AN)	Deterministic	Anomaly	Probabilistic (BN/NN/AN)
Dhaka	Dhaka	32	1	40/10/50	26	2	0/3/97	131	74	0/0/100
	Faridpur	32	1	28/21/50	26	2	0/1/99	67	24	0/1/99
	Gazipur	31	1	44/6/50	26	2	0/2/98	152	91	0/0/100
	Gopalganj	32	1	17/30/53	26	2	0/1/99	111	39	0/3/97
	Kishoreganj	31	0	50/5/46	26	2	0/20/80	190	123	0/0/100
	Madaripur	32	1	29/21/50	26	2	0/3/97	79	29	0/2/98
	Manikganj	32	1	36/14/50	26	2	0/2/98	94	43	0/1/99
	Munshiganj	32	1	42/8/50	26	2	0/5/95	122	63	0/0/100
	Narayanganj	32	1	46/4/50	26	2	0/8/92	144	86	0/0/100
	Narsingdi	31	0	49/1/50	26	2	0/7/93	159	96	0/0/100
Rajshahi	Rajbari	33	2	30/19/50	26	2	0/0/100	96	44	0/4/96
	Shariatpur	32	1	36/14/50	26	2	0/3/97	111	54	0/1/99
	Bogra	33	2	45/5/50	26	2	0/6/94	99	38	0/6/94
	Joypurhat	33	2	41/9/50	26	2	0/0/100	89	23	0/12/88
	Naogaon	33	2	29/21/50	26	2	0/0/100	59	7	0/13/87
	Natore	33	2	31/19/50	26	2	0/0/100	128	63	1/5/94
	Nawabganj	33	3	22/24/54	25	2	0/0/100	27	-9	3/20/77
	Pabna	33	2	32/18/50	26	2	0/0/100	180	103	0/3/97
	Rajshahi	33	2	25/22/53	26	2	0/0/100	46	4	1/12/86

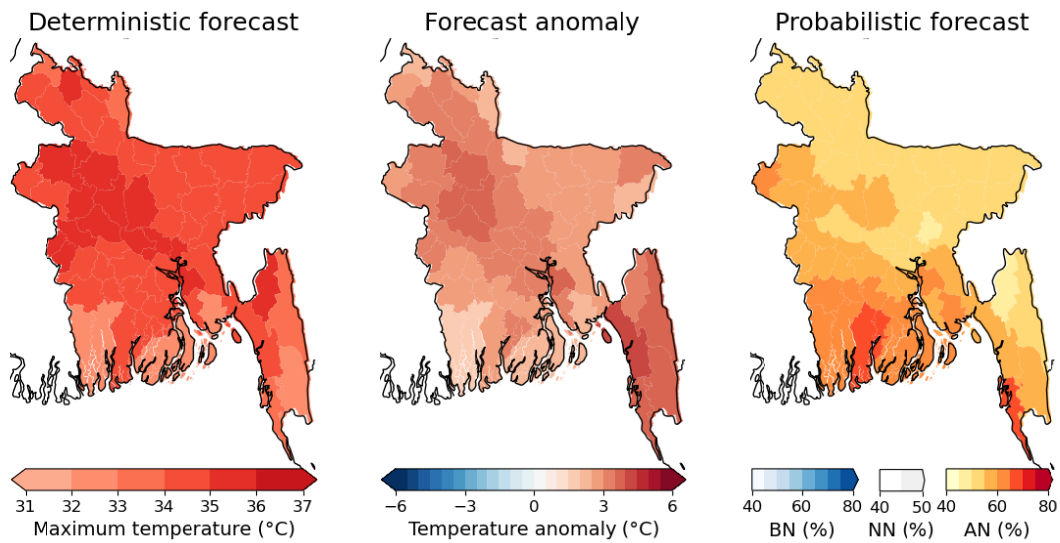
Rangpur	Sirajganj	33	2	43/7/50	26	2	0/7/93	128	65	0/2/98
	Dinajpur	33	2	37/13/50	25	2	0/0/100	82	24	0/64/36
	Gaibandha	33	2	46/4/50	26	2	0/5/95	115	37	0/14/86
	Kurigram	33	2	44/6/50	25	2	0/5/95	196	103	0/47/53
	Lalmonirhat	33	2	39/11/50	25	2	0/2/98	179	104	0/60/40
	Nilphamari	33	2	36/13/50	25	2	0/2/98	137	79	0/62/38
	Panchagarh	33	2	31/19/50	25	2	0/0/100	101	42	1/65/34
	Rangpur	33	2	42/8/50	25	2	0/3/97	133	66	0/53/47
Mymen-singh	Thakurgaon	33	3	29/20/50	25	2	0/1/99	57	9	0/73/27
	Jamalpur	33	2	49/1/50	26	2	0/5/95	120	45	0/2/98
	Mymen-singh	32	1	48/2/50	26	2	0/0/100	154	81	0/0/100
	Netrakona	31	1	49/1/50	25	2	0/15/85	213	128	0/0/100
Chit-tagong	Sherpur	32	2	49/1/50	26	2	0/1/99	136	47	0/1/99
	Bandarban	26	-2	85/15/0	24	1	0/0/100	251	187	0/4/96
	Brahamanbaria	30	-1	50/9/42	26	2	0/9/91	146	88	0/0/100
	Chandpur	31	0	46/4/50	26	2	0/2/98	126	61	0/13/87
	Chittagong	28	-2	52/19/29	25	1	0/9/91	204	136	0/12/88
	Comilla	30	0	48/2/50	25	2	0/3/97	139	77	0/9/91
	Cox's Bazar	27	-2	56/40/4	25	1	0/4/96	300	223	0/4/96
	Feni	29	-1	48/7/46	25	1	0/2/98	139	64	0/38/62
	Khagrachhari	28	-3	52/48/0	25	1	0/6/94	97	41	0/17/83
	Lakshmipur	31	0	41/9/50	26	2	0/4/96	138	71	0/43/57
	Noakhali	30	0	42/8/50	25	1	0/8/92	116	58	0/38/62
Khulna	Rangamati	27	-2	68/32/0	25	2	0/3/97	219	161	0/4/96
	Bagerhat	33	2	6/31/63	26	1	0/0/100	154	85	0/17/82
	Chuadanga	34	3	15/26/58	26	2	0/0/100	68	30	2/13/85
	Jessore	33	2	10/30/60	26	2	0/0/100	90	38	2/12/86
	Jhenaidah	33	3	20/23/57	26	2	0/0/100	92	31	1/11/87
	Khulna	33	3	4/31/65	26	1	0/0/100	113	54	2/13/85
	Kushtia	33	3	22/24/54	26	2	0/0/100	119	58	1/10/89
	Magura	33	2	20/26/54	26	2	0/0/100	88	30	0/6/94
	Meherpur	34	3	14/29/56	26	2	0/0/100	66	30	2/15/83
	Narail	33	2	12/31/57	26	2	0/0/100	91	28	0/9/91
	Satkhira	33	3	2/27/71	26	1	0/0/100	113	55	3/28/69
Barisal	Barguna	32	2	6/37/57	25	2	0/1/99	296	204	0/16/84
	Barisal	32	1	27/23/50	25	1	0/3/97	118	58	0/12/88
	Bhola	31	1	16/34/50	25	1	0/16/84	174	90	0/36/64
	Jhalokati	33	2	13/35/51	26	2	0/1/99	147	73	0/11/89
	Patuakhali	31	2	15/32/53	25	1	0/6/94	317	215	0/20/80
	Pirojpur	33	2	9/35/56	26	2	0/0/100	136	62	0/15/85
Sylhet	Habiganj	30	-1	50/9/42	26	2	0/22/78	159	114	0/0/100
	Maulvibazar	30	-1	49/10/42	26	2	0/6/94	189	153	0/0/100
	Sunamganj	31	1	49/1/50	25	2	0/26/74	224	166	0/0/100
	Sylhet	31	1	49/10/42	24	2	0/2/98	267	223	0/0/100

2.5 Guidance

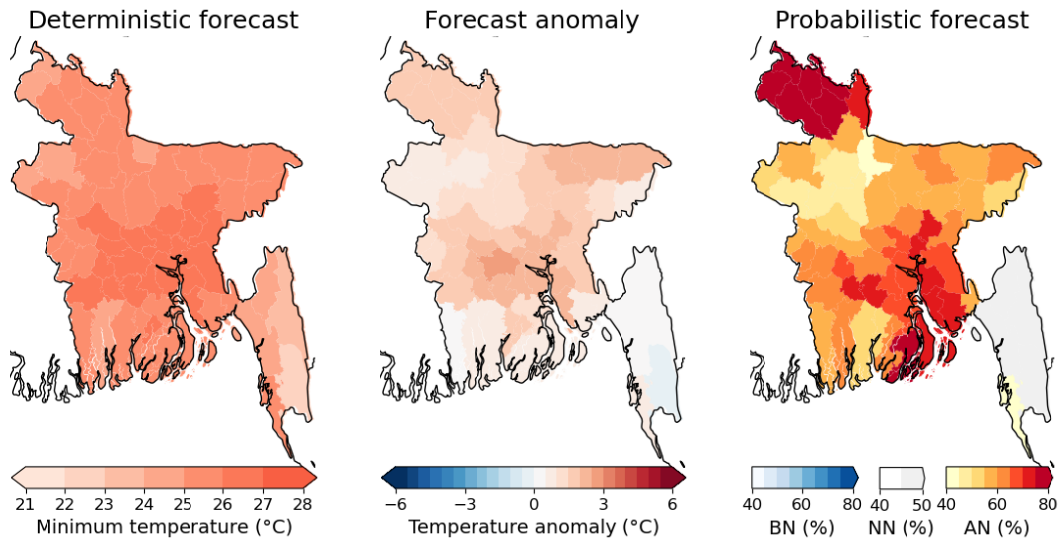
- Add here the text for guidance.

3. Weather Forecast for week 2 (Period: 08.10.2024 to 14.10.2024)

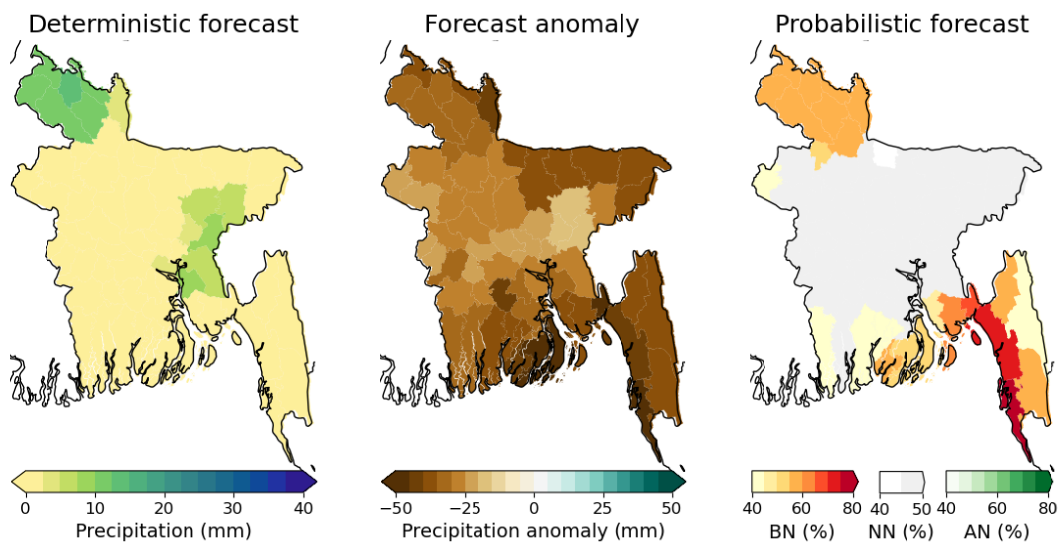
3.1 Weekly Average Maximum Temperature



3.2 Weekly Average Minimum Temperature



3.3 Weekly Rainfall Sum



3.4 Forecast information at District level

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	35	3	16/31/53	27	2	1/32/67	0	-24	17/71/13
	Faridpur	35	3	14/29/57	27	3	3/33/64	0	-25	19/70/11
	Gazipur	35	3	21/29/50	26	2	1/34/64	0	-20	13/72/15
	Gopalganj	35	3	11/27/61	27	2	3/27/70	0	-41	30/61/10
	Kishoreganj	35	3	25/22/53	26	2	3/37/60	6	-18	9/67/23
	Madaripur	35	3	12/29/58	27	2	3/29/68	0	-32	31/59/10
	Manikganj	35	3	15/31/54	26	2	1/37/61	0	-23	15/72/13
	Munshiganj	35	3	14/32/54	27	2	3/27/70	3	-25	20/68/13
	Narayanganj	35	3	19/27/53	27	2	2/25/73	0	-23	16/70/14
	Narsingdi	35	3	21/29/50	26	2	2/27/71	3	-18	14/70/16
	Rajbari	35	3	11/32/57	26	2	3/38/59	0	-21	16/69/15
	Shariatpur	35	3	12/30/57	27	2	3/30/67	0	-30	31/58/11
Rajshahi	Bogra	35	4	17/28/54	25	1	2/48/49	0	-28	21/58/20
	Joypurhat	35	4	18/28/54	25	1	2/45/53	0	-31	50/31/19
	Naogaon	35	3	16/28/56	25	1	1/43/55	0	-26	27/54/19
	Natore	35	4	15/27/58	26	1	1/53/45	0	-26	21/61/18
	Nawabganj	34	3	12/25/63	25	1	2/45/54	0	-21	44/37/18
	Pabna	35	4	14/31/54	26	2	2/43/55	0	-29	15/65/20
	Rajshahi	35	3	12/28/59	25	1	1/49/49	0	-23	20/60/19
	Sirajganj	35	4	15/29/56	26	1	2/52/45	0	-29	8/74/18
Rangpur	Dinajpur	35	3	17/30/52	25	2	1/18/80	12	-31	57/23/20
	Gaibandha	35	3	23/24/53	25	1	3/40/57	0	-33	58/22/19
	Kurigram	34	2	26/23/51	25	2	1/26/73	4	-40	57/20/23
	Lalmonirhat	34	3	20/28/52	25	2	1/20/79	10	-39	56/25/19
	Nilphamari	35	3	14/33/53	25	2	1/18/81	15	-35	58/26/15
	Panchagarh	33	2	14/33/52	25	2	1/17/82	11	-39	57/28/15
	Rangpur	35	3	22/25/52	26	2	1/23/76	11	-33	56/24/19
	Thakurgaon	34	3	11/36/53	25	2	1/19/80	10	-31	57/23/19
Mymensingh	Jamalpur	35	3	23/25/52	25	1	2/54/44	0	-30	19/57/23
	Mymensingh	35	3	24/23/52	26	2	1/39/60	0	-37	8/69/23
	Netrakona	34	3	29/19/52	26	2	2/35/62	0	-40	7/68/25
	Sherpur	34	2	26/22/52	25	1	2/39/59	0	-36	37/39/25
Chittagong	Bandarban	33	4	8/33/59	23	0	25/63/13	0	-40	57/34/9
	Brahmanbaria	35	3	21/25/54	26	2	4/31/65	8	-19	16/68/16
	Chandpur	35	4	12/28/60	27	2	5/23/72	9	-31	25/63/12
	Chittagong	35	4	11/34/55	25	0	10/67/23	0	-45	72/18/10
	Comilla	34	3	14/28/57	26	2	5/27/68	5	-25	22/63/14
	Cox's Bazar	33	4	8/26/65	25	1	4/56/40	0	-53	77/19/4
	Feni	34	3	14/30/56	25	1	6/36/58	0	-49	70/19/11
	Khagrachhari	35	3	18/34/49	24	0	10/70/20	0	-38	56/30/14
	Lakshmipur	35	3	10/32/58	27	2	5/23/71	0	-37	49/40/11
	Noakhali	33	2	10/28/62	25	1	3/24/73	0	-38	65/25/10
	Rangamati	34	4	13/37/50	23	0	25/57/18	0	-38	43/44/13
Khulna	Bagerhat	34	3	8/25/67	26	1	4/44/52	0	-36	42/50/8
	Chuadanga	35	3	9/32/59	26	1	2/34/64	0	-23	24/65/11
	Jessore	35	3	9/28/63	26	2	1/35/63	0	-25	27/62/11
	Jhenaidah	35	3	8/33/58	26	2	3/34/63	0	-32	26/61/13
	Khulna	33	2	7/29/64	25	1	4/36/60	0	-32	39/51/11
	Kushtia	35	3	12/32/56	26	2	3/41/56	0	-26	24/61/14
	Magura	35	3	11/30/59	26	2	3/30/67	0	-24	26/62/13
	Meherpur	35	3	8/33/59	26	1	3/37/60	0	-22	24/64/12
	Narail	35	3	10/28/62	27	2	3/23/74	0	-30	28/62/10
	Satkhira	33	2	7/29/64	25	0	3/37/60	0	-31	44/41/14
Barisal	Barguna	33	2	6/29/65	25	1	6/32/62	0	-43	55/36/8
	Barisal	34	3	10/28/62	26	1	5/28/67	0	-33	37/53/10
	Bhola	33	2	8/29/62	26	1	4/23/73	0	-53	52/39/9
	Jhalokati	35	3	8/28/64	26	2	5/30/64	0	-37	42/50/9
	Patuakhali	33	2	6/32/62	25	1	5/19/76	0	-49	54/39/8
Sylhet	Pirojpur	35	3	8/26/65	26	2	5/41/54	0	-38	41/51/8
	Habiganj	35	3	25/22/53	26	1	6/35/58	7	-29	17/58/26
	Maulvibazar	34	2	28/19/53	25	1	5/45/50	0	-36	18/65/18

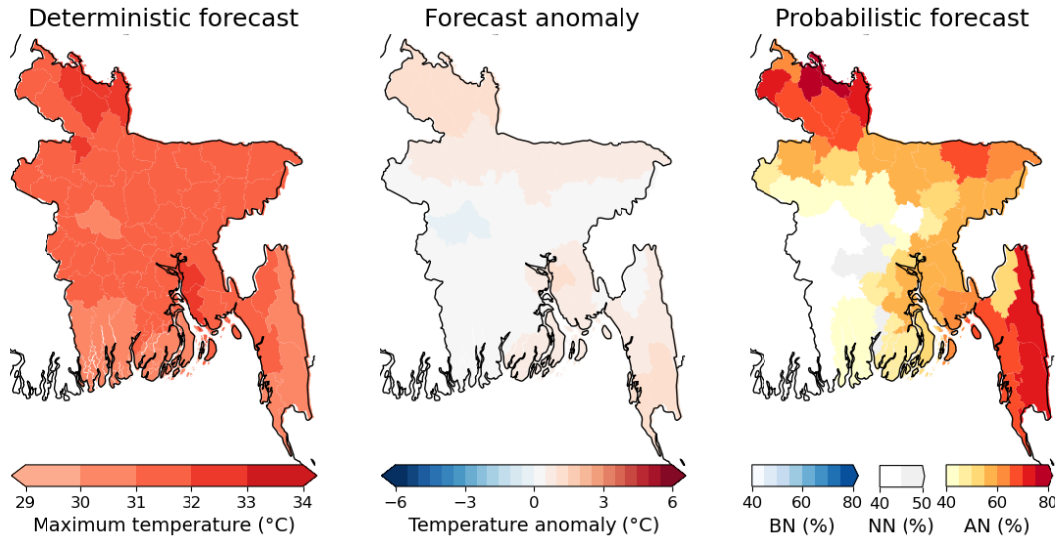
	Sunamganj	34	3	29/18/52	26	2	3/38/59	0	-38	19/60/21
	Sylhet	34	3	33/14/52	25	2	1/38/61	0	-36	20/64/16

3.5 Guidance

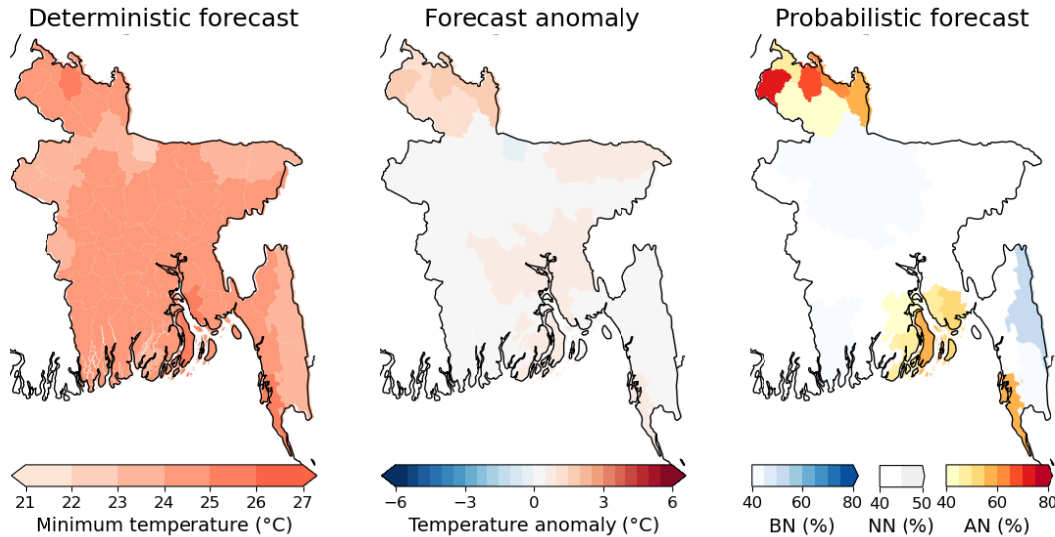
- Add here the text for guidance.

4. Weather Outlook for week 3+4 (Period: 15.10.2024 to 28.10.2024)

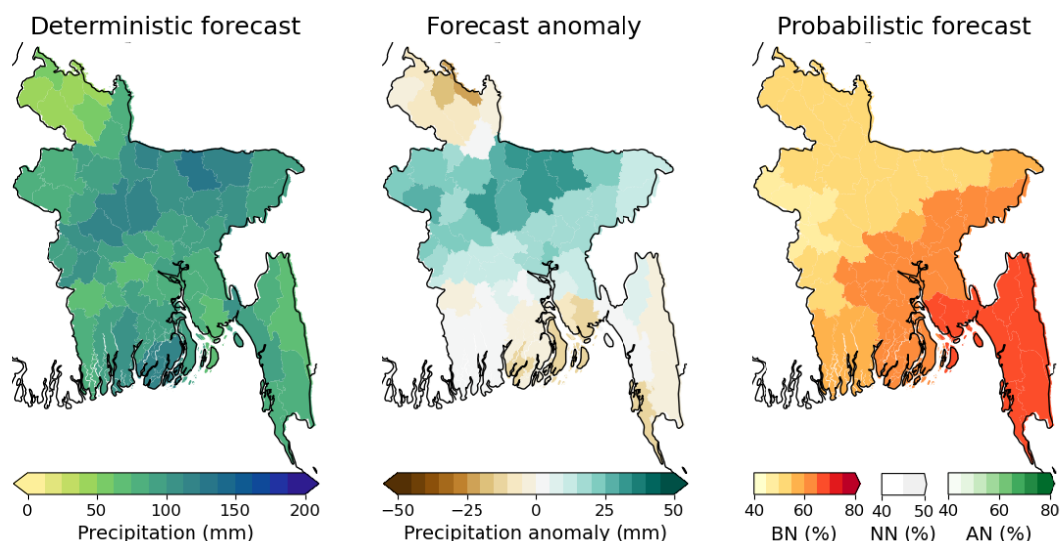
4.1 Two-weekly Average Maximum Temperature



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	31	0	19/38/43	25	1	36/32/32	86	15	63/14/23
	Faridpur	31	0	18/46/37	25	1	38/27/35	74	10	61/21/18
	Gazipur	31	0	20/44/36	25	0	44/24/31	95	17	57/21/22
	Gopalganj	31	0	17/36/47	25	1	34/31/35	91	7	62/19/19
	Kishoreganj	32	0	14/36/51	25	0	39/26/35	103	18	62/15/22
	Madaripur	31	0	9/41/50	25	1	35/26/39	83	4	63/18/19
	Manikganj	31	0	18/46/35	24	0	42/25/33	90	14	62/15/23
	Munshiganj	32	0	15/33/53	25	1	36/27/38	88	18	61/21/18
	Narayanganj	32	0	16/28/56	25	1	36/27/37	92	24	62/17/21
	Narsingdi	31	0	17/35/48	25	1	36/26/38	89	18	62/16/22
	Rajbari	31	0	27/41/32	24	1	38/27/35	91	14	54/25/22
Rajshahi	Shariatpur	32	1	11/32/57	25	1	35/26/39	83	6	63/21/16
	Bogra	32	1	16/31/52	24	0	42/29/29	91	24	52/26/22
	Joypurhat	32	1	15/25/60	24	0	42/23/34	89	19	52/18/30
	Naogaon	32	1	20/25/55	24	0	43/23/34	87	21	51/20/29
	Natore	31	0	24/35/40	24	0	43/28/29	95	20	47/32/20
	Nawabganj	31	0	22/30/48	24	0	39/25/37	82	21	50/18/32
	Pabna	31	0	28/41/31	24	0	42/28/30	115	25	52/26/22
	Rajshahi	31	0	26/31/43	24	0	39/28/33	85	26	47/31/22
Rangpur	Sirajganj	31	0	24/35/41	24	0	42/29/29	122	32	51/28/21
	Dinajpur	32	1	11/21/68	24	1	4/52/43	46	-7	53/23/24
	Gaibandha	32	1	10/24/65	24	0	42/25/33	78	2	54/21/25
	Kurigram	32	1	11/17/72	25	2	5/37/58	78	-2	53/31/16
	Lalmोनিরহাট	32	1	9/16/75	25	2	5/32/63	49	-22	52/31/17
	Nilphamari	33	1	9/13/78	25	2	4/30/66	39	-15	52/27/21
	Panchagarh	32	1	8/29/62	24	1	4/49/46	53	-6	51/33/16
	Rangpur	32	1	10/21/69	25	1	5/52/43	54	-9	54/25/21
Mymensingh	Thakurgaon	32	1	9/17/73	25	2	6/22/72	47	-2	50/32/18
	Jamalpur	32	1	10/34/56	24	0	43/28/29	108	28	53/26/22
	Mymensingh	32	1	9/34/57	24	0	44/23/33	112	32	53/26/21
	Netrakona	32	1	10/33/58	24	1	40/24/36	130	32	52/26/22
Chittagong	Sherpur	32	1	10/30/60	23	0	44/28/28	115	30	53/25/22
	Bandarban	30	1	8/17/75	23	0	44/30/26	82	-4	68/23/9
	Brahmanbaria	31	0	17/27/56	25	1	39/22/39	89	15	63/15/22
	Chandpur	32	1	6/37/57	25	1	35/26/39	84	8	63/21/16
	Chittagong	31	1	11/21/68	25	0	32/35/33	88	3	68/22/10
	Comilla	32	1	7/35/58	25	1	35/26/39	84	14	63/21/16
	Cox's Bazar	31	1	8/25/67	25	1	19/23/58	84	-11	69/15/15
	Feni	31	0	11/28/61	24	0	30/30/39	105	1	66/18/16
Khagrachha	Khagrachha	32	0	16/33/51	24	0	37/31/31	83	5	68/19/13

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	Lakshmipur	32	1	7/33/60	25	1	15/36/50	78	-9	66/18/17
	Noakhali	31	1	7/32/61	25	0	9/40/52	71	-10	66/19/15
	Rangamati	31	1	7/22/70	23	0	51/24/25	71	-2	67/21/12
Khulna	Bagerhat	31	0	17/43/40	24	0	38/27/35	100	4	57/26/17
	Chuadanga	31	0	28/43/28	24	0	39/26/35	92	19	50/33/17
	Jessore	31	0	30/37/32	24	0	39/31/30	70	-1	55/27/18
	Jhenaidah	31	0	29/41/30	24	0	39/31/30	104	14	54/25/21
	Khulna	31	0	16/44/40	24	0	43/23/34	97	4	57/21/22
	Kushtia	31	0	29/43/28	24	0	39/30/31	104	22	48/31/21
	Magura	31	0	23/45/32	24	0	38/27/35	91	12	63/20/18
	Meherpur	31	0	29/41/29	24	0	39/25/37	94	23	47/36/17
	Narail	31	0	22/39/39	24	0	39/27/35	77	0	62/19/19
	Satkhira	31	0	18/43/40	24	0	42/28/30	86	1	58/21/22
Barisal	Barguna	30	1	12/43/45	24	0	38/23/39	115	-10	61/25/15
	Barisal	31	0	10/35/55	24	0	34/24/42	89	-3	63/20/17
	Bhola	31	1	6/40/54	25	1	2/41/57	97	-12	65/15/20
	Jhalokati	31	0	14/38/48	25	1	34/25/41	94	-4	64/19/17
	Patuakhali	31	1	5/49/46	25	1	8/45/48	123	-4	60/21/19
	Pirojpur	31	0	13/47/40	24	0	38/29/32	91	-1	63/21/17
Sylhet	Habiganj	32	0	14/29/58	25	0	39/26/35	101	17	63/14/22
	Maulvibazar	32	0	14/29/57	25	0	39/24/37	90	12	63/16/21
	Sunamganj	31	1	11/23/66	24	1	38/26/36	113	23	53/26/21
	Sylhet	31	1	13/23/64	23	1	40/25/35	93	13	57/21/22

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)