



Weather Impact



WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 27 August 2024

Subject: Experimental Sub-seasonal forecast for Bangladesh during 27.08.2024 to 23.09.2024

1. Significant information

1.1 Significant Information week 1 (Period: 27.08.2024 to 02.09.2024)

- Maximum temperature is likely to be above normal over the country. Minimum temperature is likely to be above normal over the country except for southwestern part of the country where it is likely to be normal. Rainfall is likely to be normal to below normal over the country.

1.2 Significant Information week 2 (Period: 03.09.2024 to 09.09.2024)

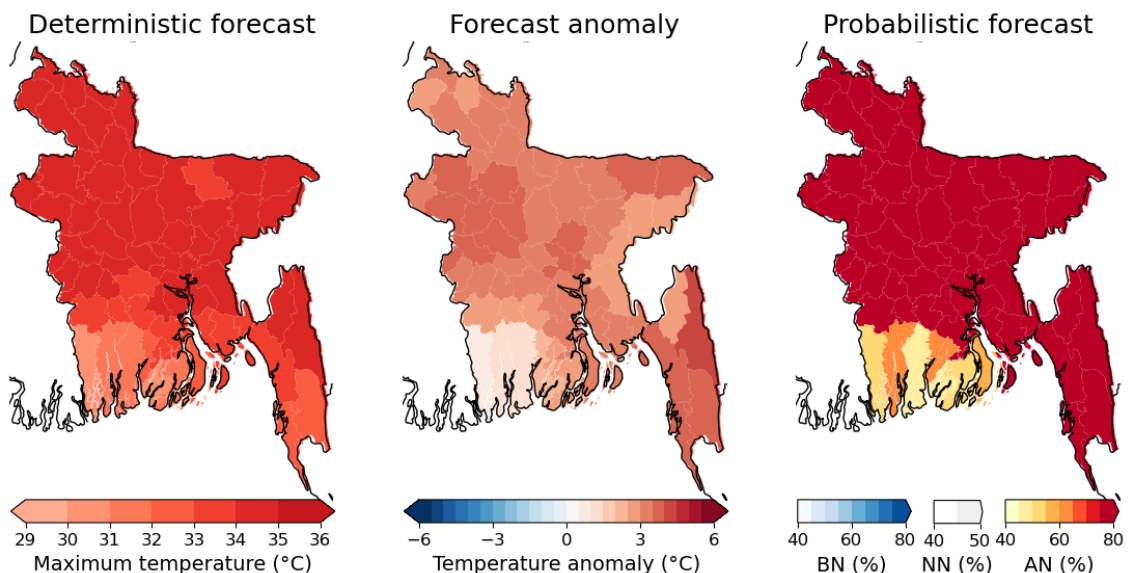
- Maximum and minimum temperature both are likely to be above normal over the country. Rainfall is likely to be normal to below normal over the country.

1.3 Significant Information week 3+4 (Period: 10.09.2024 to 23.09.2024)

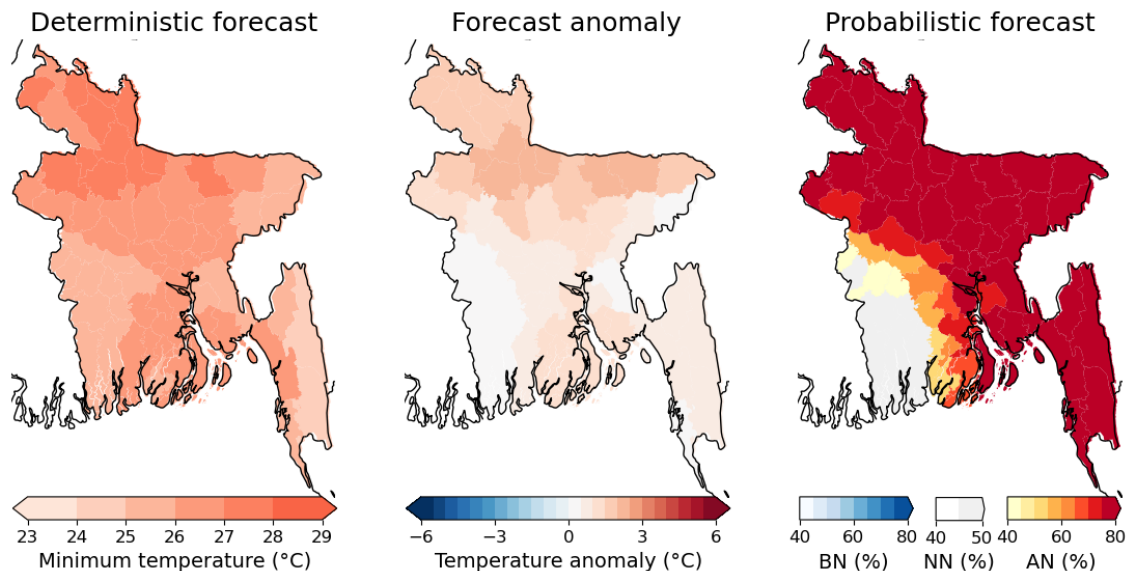
- Maximum and minimum temperature both are likely to be above normal over the country. Rainfall is likely to be near normal over the country.

2. Weather Forecast for week 1 (Period: 27.08.2024 to 02.09.2024)

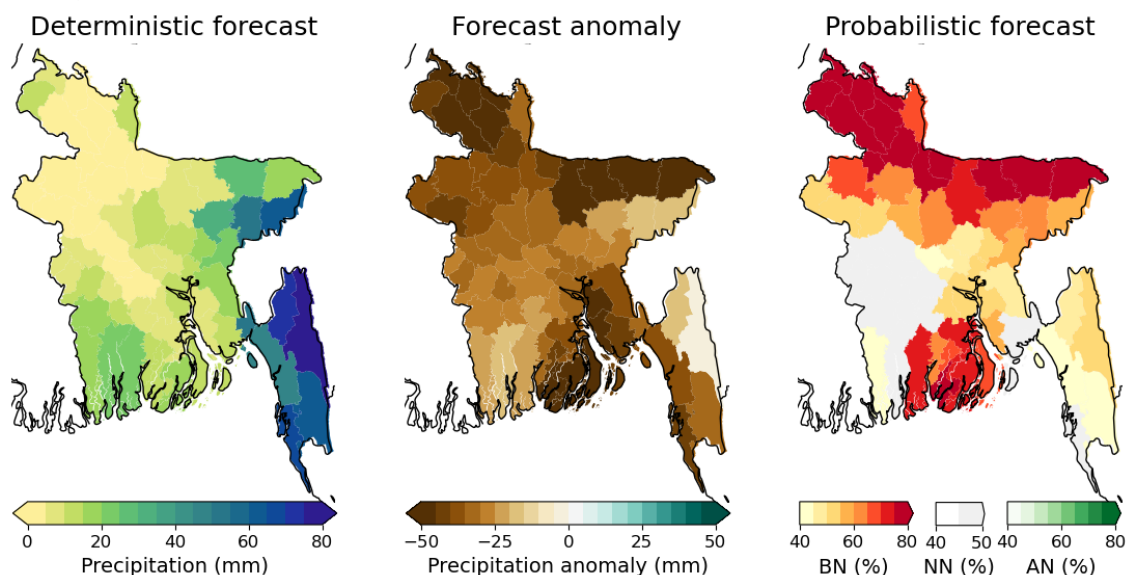
2.1 Weekly Average Maximum Temperature



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	35	4	1/7/92	26	1	0/21/79	10	-33	46/50/5
	Faridpur	34	3	0/13/87	26	1	3/35/62	3	-29	27/64/9
	Gazipur	35	4	0/6/94	27	1	0/15/85	13	-29	46/45/10
	Gopalganj	33	3	1/18/81	26	1	5/39/56	6	-23	39/55/6
	Kishoreganj	34	3	0/3/97	27	1	0/6/94	33	-25	63/32/5
	Madaripur	34	3	1/8/91	26	1	2/29/69	6	-28	51/45/4
	Manikganj	34	3	0/9/91	26	1	0/29/71	7	-29	43/50/7
	Munshiganj	35	3	1/6/93	26	1	1/19/80	11	-32	50/48/2
	Narayanganj	35	4	1/5/94	27	1	0/16/84	12	-32	52/43/5
	Narsingdi	34	3	0/5/95	27	1	0/10/90	15	-29	50/38/12
	Rajbari	34	3	0/10/90	26	1	2/39/59	3	-28	26/62/12
	Shariatpur	34	3	1/4/95	26	1	2/22/76	10	-33	53/43/4
Rajshahi	Bogra	35	4	0/2/98	28	2	0/4/96	0	-39	63/35/2
	Joypurhat	35	3	0/3/97	28	2	0/4/96	2	-39	88/11/1
	Naogaon	35	4	0/9/91	27	2	0/11/89	2	-38	68/32/0
	Natore	35	4	0/8/92	26	1	0/25/75	4	-37	51/43/6
	Nawabganj	34	3	0/14/86	27	1	0/16/84	2	-37	50/50/0
	Pabna	35	4	0/9/91	26	1	0/30/70	3	-35	39/53/8

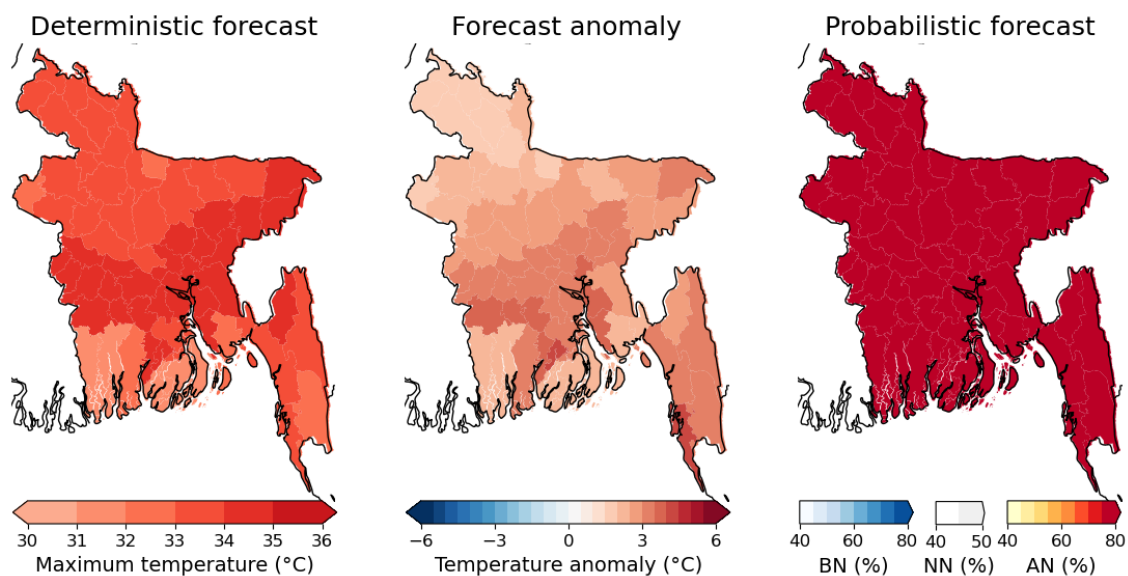
Rangpur	Rajshahi	35	4	0/14/86	26	1	0/27/73	3	-43	50/48/2
	Sirajganj	35	4	0/5/95	27	2	0/9/91	7	-33	57/42/1
	Dinajpur	34	3	0/0/100	27	2	0/1/99	2	-58	92/8/0
	Gaibandha	34	3	0/0/100	27	2	0/0/100	3	-43	89/11/0
	Kurigram	34	3	0/0/100	27	2	0/0/100	14	-34	66/29/5
	Lalmonirhat	35	3	0/0/100	27	2	0/0/100	4	-59	89/10/1
	Nilphamari	35	3	0/0/100	27	2	0/0/100	2	-66	93/6/1
	Panchagarh	34	3	0/0/100	27	2	0/0/100	5	-56	95/5/0
	Rangpur	34	3	0/0/100	27	2	0/0/100	0	-59	96/4/0
	Thakurgaon	34	3	0/0/100	27	2	0/0/100	12	-41	82/17/1
Mymen-singh	Jamalpur	35	3	0/0/100	28	2	0/0/100	2	-39	83/17/0
	Mymen-singh	34	3	0/0/100	27	2	0/7/93	8	-46	74/26/0
	Netrakona	34	3	0/0/100	27	2	0/0/100	9	-46	85/14/1
	Sherpur	34	3	0/0/100	28	2	0/0/100	3	-44	85/15/0
	Bandarban	33	4	0/8/92	25	1	0/2/98	63	-32	42/50/8
Chitta-gong	Brahamanba- ria	34	3	0/5/95	26	1	0/12/88	24	-27	56/33/11
	Chandpur	34	3	1/5/94	26	1	0/26/74	10	-49	51/44/5
	Chittagong	33	4	0/10/90	26	1	0/5/95	45	-39	45/43/13
	Comilla	34	3	0/7/93	26	0	0/25/75	19	-36	50/47/4
	Cox's Bazar	33	4	0/7/93	25	0	0/1/99	66	-41	33/61/6
	Feni	34	3	0/10/90	26	1	0/12/88	54	-31	30/57/13
	Khagrachha- ri	34	3	0/6/94	26	1	0/1/99	71	-16	48/41/12
	Lakshmipur	34	3	1/6/93	27	1	0/12/88	10	-47	58/40/2
	Noakhali	33	3	0/6/94	27	1	0/9/91	14	-43	40/59/1
	Rangamati	34	4	0/9/91	25	1	0/2/98	77	-4	50/34/16
Khulna	Bagerhat	31	1	5/48/48	26	1	4/56/40	21	-22	72/28/0
	Chuadanga	34	3	1/18/81	26	0	2/61/37	8	-30	26/62/12
	Jessore	33	3	1/18/81	26	0	8/68/24	15	-30	13/74/13
	Jhenaidah	34	3	0/20/80	26	0	3/56/41	11	-29	21/55/24
	Khulna	31	1	1/39/60	25	0	5/71/24	24	-16	40/59/1
	Kushtia	35	4	0/15/85	26	0	1/43/56	7	-31	24/61/15
	Magura	34	3	1/17/82	26	0	3/53/44	9	-32	14/68/18
	Meherpur	35	4	1/17/82	26	0	1/55/44	7	-29	25/64/11
	Narail	34	3	1/22/77	26	0	3/67/30	11	-25	14/71/15
	Satkhira	31	1	3/46/51	26	0	7/68/25	19	-21	42/57/1
Barisal	Barguna	31	2	6/48/47	26	1	4/46/50	14	-54	83/16/1
	Barisal	34	3	2/19/79	26	1	3/25/72	10	-37	73/26/1
	Bhola	33	3	5/37/58	27	1	0/9/91	12	-58	67/33/0
	Jhalokati	33	3	2/36/62	26	1	4/32/64	11	-42	68/31/1
	Patuakhali	32	3	3/44/53	26	1	0/32/68	15	-59	72/27/1
	Pirojpur	33	2	4/36/60	26	1	6/44/50	14	-32	64/36/0
Sylhet	Habiganj	35	3	0/2/98	26	1	0/6/94	54	-17	63/31/6
	Maulvibazar	35	3	0/1/99	25	0	0/4/96	63	-19	59/36/5
	Sunamganj	34	4	0/0/100	26	2	0/0/100	27	-78	88/12/0
	Sylhet	35	4	0/0/100	26	2	0/2/98	20	-111	90/10/0

2.5 Guidance

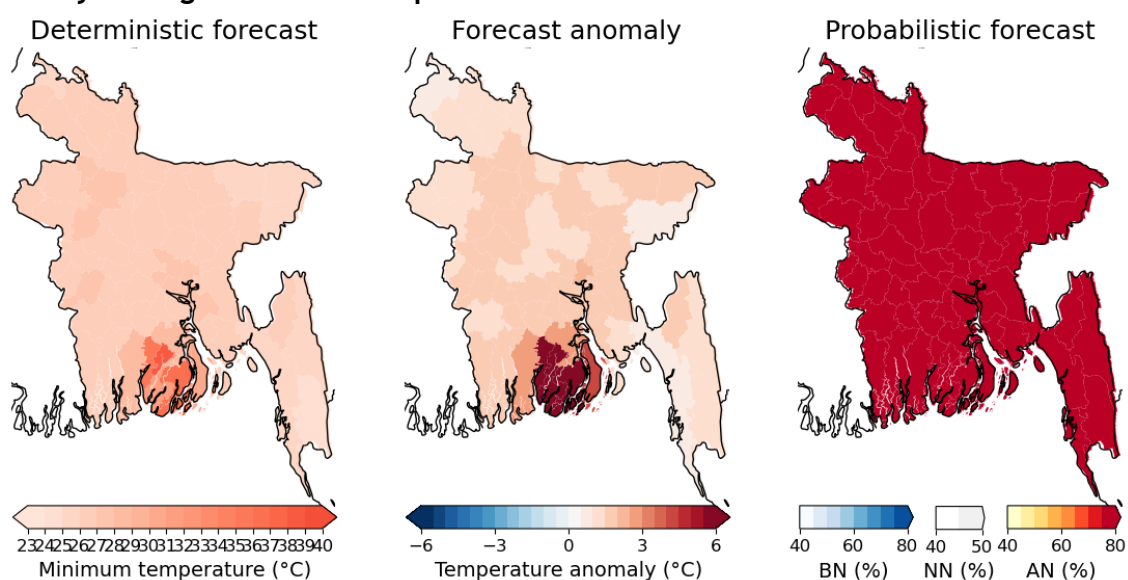
- Add here the text for guidance.

3. Weather Forecast for week 2 (Period: 03.09.2024 to 09.09.2024)

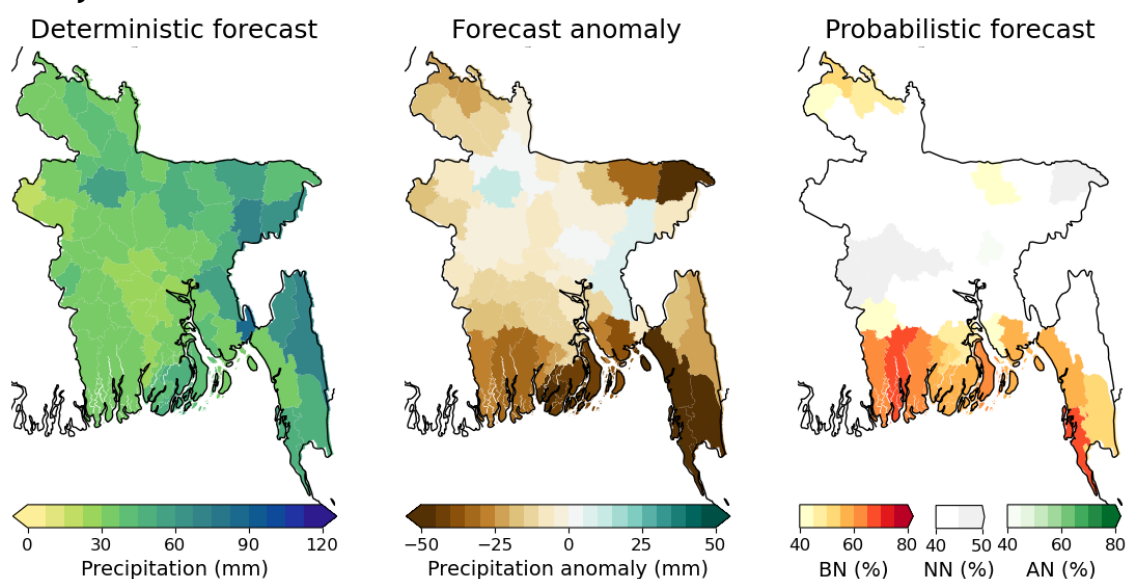
3.1 Weekly Average Maximum Temperature



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	34	3	2/7/91	27	2	0/1/99	32	-4	33/35/33
	Faridpur	34	3	1/7/92	27	2	0/1/99	28	-12	33/41/27
	Gazipur	34	3	0/11/89	27	1	0/1/99	35	1	22/41/38
	Gopalganj	34	4	1/5/94	27	2	0/1/99	26	-13	39/40/22
	Kishoreganj	34	3	1/13/86	27	2	1/0/99	40	-3	29/41/31
	Madaripur	34	3	1/5/94	27	2	0/1/99	27	-13	39/39/23
	Manikganj	34	3	1/7/92	27	1	0/1/99	26	-10	30/47/24
	Munshiganj	34	3	2/5/93	27	2	0/2/98	28	-6	32/38/31
	Narayanganj	34	4	2/6/92	27	2	0/2/98	35	-1	30/34/37
	Narsingdi	34	3	1/10/89	27	2	0/1/99	34	2	21/38/42
	Rajbari	34	3	1/7/92	27	1	0/2/98	27	-8	30/46/25
	Shariatpur	34	3	1/5/94	27	2	0/2/98	32	-8	38/34/29
Rajshahi	Bogra	33	2	2/9/89	27	2	0/1/99	54	10	28/38/35
	Joypurhat	33	2	2/14/84	27	2	0/3/97	43	2	31/40/30
	Naogaon	33	2	2/12/86	27	1	0/3/97	31	-8	35/39/27
	Natore	34	3	2/10/88	27	2	0/3/97	35	0	31/38/32
	Nawabganj	33	2	2/12/86	27	1	0/3/97	22	-17	35/34/32
	Pabna	34	3	1/8/91	27	2	0/2/98	33	-2	28/47/26
	Rajshahi	33	2	2/10/88	27	1	0/3/97	28	-14	36/38/27
	Sirajganj	34	3	1/9/90	27	2	0/1/99	33	-5	28/44/29
Rangpur	Dinajpur	33	2	3/13/84	27	1	0/6/94	36	-12	39/37/25
	Gaibandha	33	2	2/14/84	27	2	0/2/98	40	1	30/35/36
	Kurigram	33	2	2/14/84	26	1	1/4/95	37	0	33/38/30
	Lalmonirhat	33	2	4/11/85	26	1	1/5/94	36	-17	47/37/17
	Nilphamari	34	2	4/11/85	26	1	1/5/94	40	-20	47/36/18
	Panchagarh	33	2	1/13/86	26	1	0/6/94	30	-24	54/33/13
	Rangpur	33	2	3/10/87	27	1	0/5/95	39	-13	35/39/27
	Thakurgaon	33	2	3/14/83	26	1	0/6/94	33	-17	44/41/16
Mymen-singh	Jamalpur	33	2	1/14/85	27	2	0/2/98	43	5	31/37/33
	Mymen-singh	34	3	0/16/84	27	2	0/5/95	50	-5	32/37/32
	Netrakona	33	2	0/17/83	26	1	0/1/99	43	-17	41/34/26
	Sherpur	33	2	1/16/83	27	1	0/2/98	36	-7	33/39/29
Chitta-gong	Bandarban	33	3	1/13/86	25	1	0/0/100	52	-62	52/31/17
	Brahmanbaria	34	3	1/9/90	27	2	0/1/99	47	7	21/42/38
	Chandpur	34	4	1/5/94	27	2	0/2/98	37	-14	36/38/27
	Chittagong	34	3	1/9/90	26	1	0/1/99	35	-45	56/28/16
	Comilla	34	3	1/6/93	27	2	0/2/98	57	5	29/40/32
	Cox's Bazar	33	4	0/9/91	26	1	0/0/100	50	-99	68/18/14
	Feni	33	2	0/7/93	26	1	0/1/99	85	-6	38/39/24
	Khagrachhari	35	3	1/12/87	26	2	0/1/99	61	-17	36/42/23
	Lakshmipur	34	4	1/3/96	27	2	0/2/98	40	-28	44/37/20
	Noakhali	32	2	1/4/95	27	1	0/2/98	33	-35	55/24/21
	Rangamati	34	3	1/13/86	25	1	0/1/99	68	-22	36/42/23
Khulna	Bagerhat	33	3	1/9/90	28	3	0/1/99	33	-33	62/27/11
	Chuadanga	34	3	1/9/90	27	2	0/4/96	40	-8	32/49/20
	Jessore	34	4	1/11/88	27	1	0/1/99	34	-20	43/39/19
	Jhenaidah	34	3	1/10/89	27	2	0/2/98	32	-12	32/47/22
	Khulna	32	2	1/12/87	27	2	0/1/99	34	-33	65/22/13
	Kushtia	34	3	1/8/91	27	2	0/3/97	35	-4	29/48/24
	Magura	34	3	1/9/90	27	2	0/1/99	32	-11	32/45/24
	Meherpur	34	3	1/11/88	27	1	0/4/96	37	-8	35/46/20
	Narail	34	4	1/7/92	27	2	0/0/100	31	-18	38/41/22
	Satkhira	32	2	1/11/88	27	2	0/1/99	35	-27	60/25/15
Barisal	Barguna	31	2	1/9/90	31	6	0/1/99	40	-47	58/31/11
	Barisal	33	3	1/4/95	28	3	0/1/99	34	-14	47/34/20
	Bhola	32	2	1/6/93	30	4	0/1/99	38	-42	62/22/16
	Jhalokati	34	4	1/8/91	38	12	0/0/100	32	-25	53/30/17
	Patuakhali	31	2	1/8/91	36	10	0/1/99	46	-45	59/27/14
	Pirojpur	34	4	1/7/92	35	9	0/1/99	28	-29	58/28/14
Sylhet	Habiganj	34	3	2/14/84	26	1	1/0/99	68	8	30/35/36
	Maulvibazar	34	3	2/20/78	26	1	0/1/99	64	-8	35/34/32

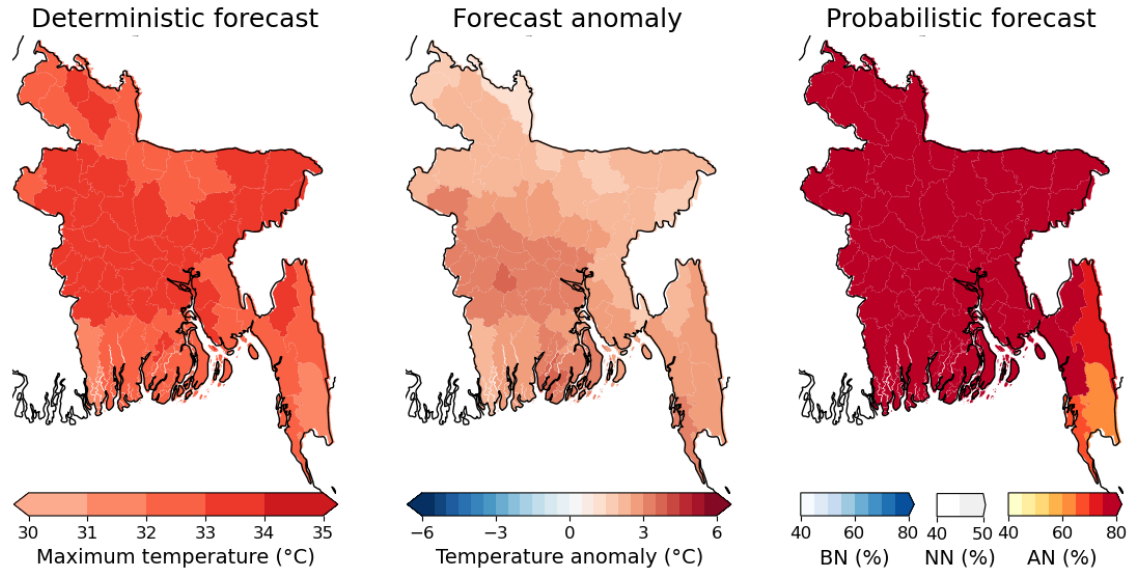
	Sunamganj	33	3	0/18/82	26	2	1/0/99	58	-30	35/44/22
	Sylhet	34	3	2/15/83	26	2	0/4/96	45	-61	38/48/15

3.5 Guidance

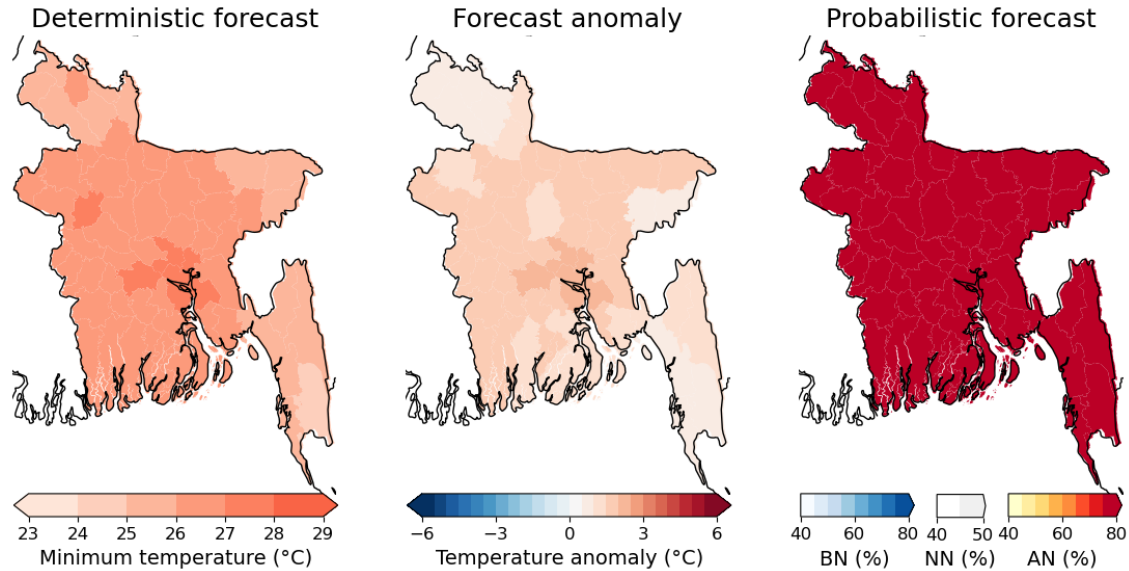
- Add here the text for guidance.

4. Weather Outlook for week 3+4 (Period: 10.09.2024 to 23.09.2024)

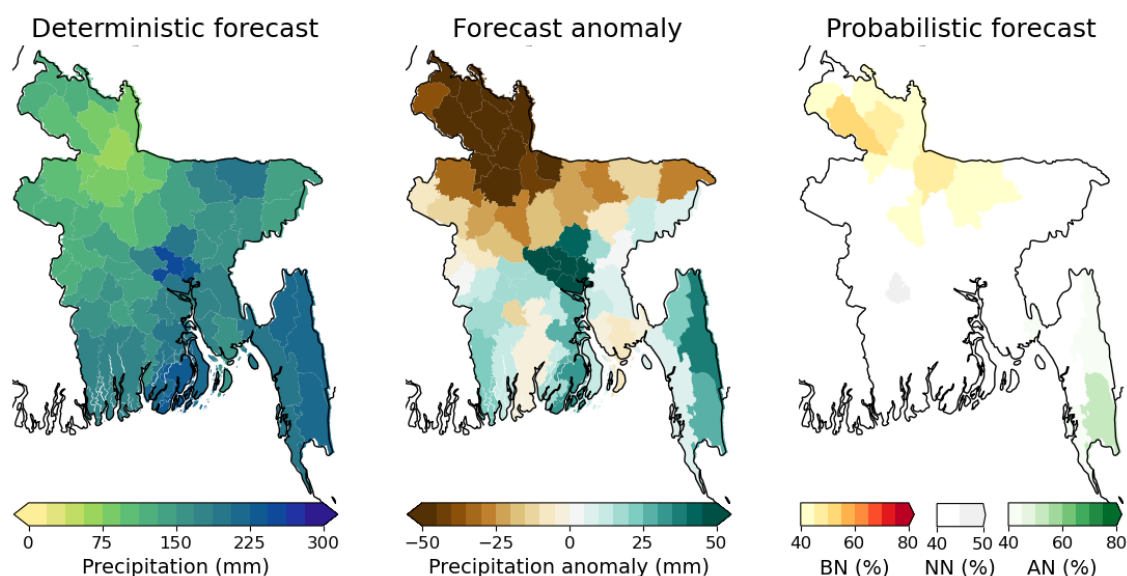
4.1 Two-weekly Average Maximum Temperature



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	34	3	5/10/85	27	2	0/4/96	262	113	30/38/33
	Faridpur	34	3	5/7/88	27	2	0/3/97	148	16	31/44/26
	Gazipur	34	3	5/10/85	27	2	0/4/96	189	41	31/37/33
	Gopalganj	33	3	4/6/90	27	2	1/0/99	151	-2	27/45/29
	Kishoreganj	33	2	5/10/85	27	2	0/4/96	167	-7	36/32/33
	Madaripur	34	3	5/5/90	27	2	0/1/99	170	10	25/43/33
	Manikganj	34	3	6/7/87	27	2	0/4/96	183	48	34/38/29
	Munshiganj	34	3	5/11/84	27	2	0/4/96	197	53	35/30/36
	Narayanganj	34	3	5/12/83	27	2	0/4/96	230	78	34/30/37
	Narsingdi	34	3	5/15/80	27	2	0/4/96	165	17	30/32/39
	Rajbari	34	3	6/8/86	27	2	0/4/96	148	20	40/38/23
Rajshahi	Shariatpur	34	3	5/8/87	27	2	0/2/98	186	29	27/40/34
	Bogra	33	2	4/9/87	27	2	0/4/96	91	-46	40/39/22
	Joypurhat	33	2	4/12/84	27	2	0/4/96	80	-48	44/39/18
	Naogaon	33	2	4/11/85	27	1	0/4/96	97	-35	40/38/23
	Natore	34	3	4/10/86	27	2	0/4/96	118	-21	36/36/29
	Nawabganj	33	2	4/11/85	26	2	0/4/96	124	-6	33/34/34
	Pabna	34	3	5/10/85	27	2	0/4/96	132	-16	36/37/28
Rangpur	Rajshahi	34	3	4/10/86	27	2	0/4/96	115	-11	32/35/34
	Sirajganj	34	3	5/8/87	27	2	0/4/96	106	-30	44/34/23
	Dinajpur	33	2	4/11/85	26	1	0/3/97	98	-49	51/28/21
	Gaibandha	33	2	4/13/83	26	1	0/4/96	67	-50	42/37/22
	Kurigram	32	1	3/15/82	26	1	0/5/95	87	-46	42/38/21
	Lalmonirhat	33	1	3/10/87	26	1	0/4/96	116	-57	45/31/25
	Nilphamari	34	2	4/8/88	26	1	0/3/97	125	-55	44/36/21
	Panchagarh	33	2	4/11/85	26	1	0/3/97	115	-45	39/40/22
Mymen-singh	Rangpur	33	2	4/11/85	26	1	0/3/97	84	-64	49/33/19
	Thakurgaon	33	2	5/11/84	26	1	0/3/97	131	-37	43/38/20
	Jamalpur	33	2	4/12/84	27	2	0/4/96	82	-41	47/32/22
	Mymen-singh	33	2	5/12/83	27	2	0/3/97	143	-21	41/31/29
	Netrakona	33	2	6/15/79	26	2	0/3/97	186	-25	43/27/31
Chitta-gong	Sherpur	32	2	4/15/81	27	2	0/3/97	95	-46	48/31/22
	Bandarban	32	3	7/32/61	25	1	0/2/98	223	28	21/29/50
	Brahamanba- ria	33	2	5/12/83	27	2	0/4/96	150	2	30/32/39
	Chandpur	34	3	6/13/81	27	2	0/2/98	174	14	33/33/35
	Chittagong	33	3	8/16/76	26	1	0/1/99	198	6	27/35/39
	Comilla	33	2	6/12/82	26	2	0/2/98	176	7	30/32/39
	Cox's Bazar	32	3	9/25/66	26	1	0/2/98	203	5	27/31/43
Feni	Feni	33	2	5/18/77	26	1	0/1/99	204	-1	28/30/43

	Khagrachhari	34	2	9/16/75	26	1	0/2/98	221	22	30/34/37
	Lakshmipur	33	3	6/14/80	27	2	0/1/99	171	-2	31/36/34
	Noakhali	33	3	5/14/81	26	1	0/1/99	154	-6	27/41/33
	Rangamati	33	3	8/21/71	25	1	0/2/98	219	38	22/36/43
Khulna	Bagerhat	33	3	3/16/81	26	1	1/0/99	169	-3	28/39/34
	Chuadanga	34	3	3/11/86	27	2	1/0/99	127	1	32/37/32
	Jessore	34	3	5/9/86	27	2	1/0/99	165	17	25/40/36
	Jhenaidah	34	3	4/9/87	27	2	1/0/99	141	15	29/42/30
	Khulna	32	3	3/15/82	27	2	1/0/99	184	10	28/45/28
	Kushtia	34	3	5/10/85	27	2	0/3/97	125	-7	30/42/29
	Magura	34	4	5/9/86	27	2	1/0/99	150	16	24/51/25
	Meherpur	34	3	4/11/85	27	2	0/1/99	124	-3	34/31/36
	Narail	34	3	4/10/86	27	2	1/0/99	135	-12	27/44/30
	Satkhira	32	2	4/17/79	27	2	1/0/99	177	21	26/45/30
	Barguna	32	4	4/17/79	26	1	1/1/98	209	18	25/40/36
Barisal	Barisal	33	3	5/9/86	26	1	0/2/98	204	30	31/43/27
	Bhola	32	3	6/17/77	26	1	0/2/98	207	12	30/38/33
	Jhalokati	33	3	4/16/80	27	2	1/1/98	192	15	29/45/27
	Patuakhali	32	3	5/19/76	26	1	0/2/98	241	35	23/44/34
	Pirojpur	33	3	4/12/84	27	2	1/1/98	164	-4	30/42/29
	Habiganj	34	2	5/13/82	26	1	0/4/96	151	10	28/37/36
Sylhet	Maulvibazar	34	2	6/11/83	26	1	0/3/97	145	9	30/33/38
	Sunamganj	33	2	7/14/79	26	2	0/4/96	204	-11	35/36/30
	Sylhet	33	2	6/13/81	26	2	0/4/96	147	-29	38/29/34

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	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 • 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)