



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 11 October 2024

Subject: Experimental Sub-seasonal forecast for Bangladesh during 11.10.2024 to 07.11.2024

1. Significant information

1.1 Significant Information week 1 (Period: 11.10.2024 to 17.10.2024)

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

1.2 Significant Information week 2 (Period: 18.10.2024 to 24.10.2024)

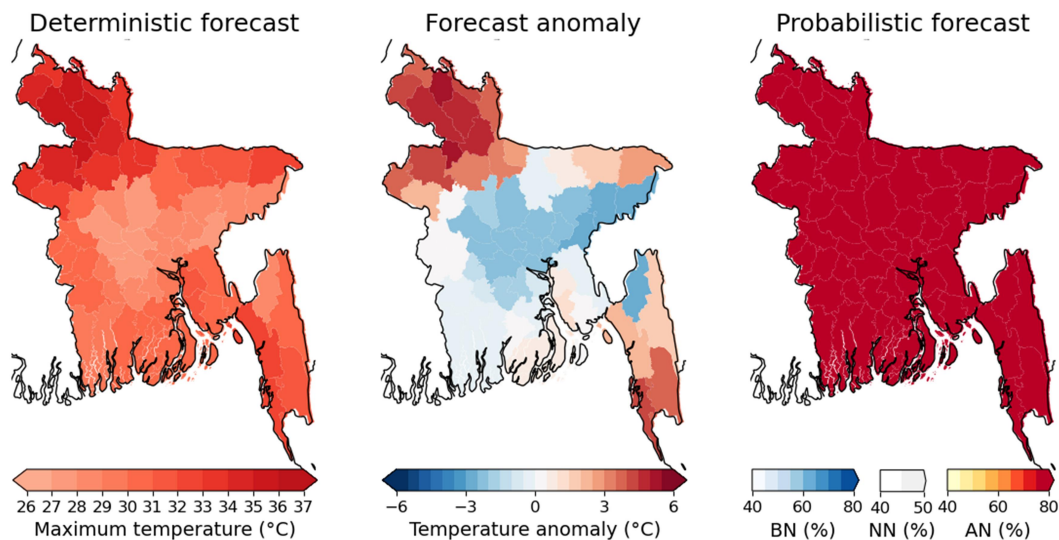
- Maximum temperature is likely to be above normal and minimum temperature is likely to be near normal to above normal over the country. Rainfall is likely to be above normal over Rajshahi, Mymensingh and Khulna divisions and likely to be near normal to below normal elsewhere over the country.

1.3 Significant Information week 3+4 (Period: 25.10.2024 to 07.11.2024)

- Maximum temperature is likely to be below normal over central part of the country and near normal to above normal elsewhere over the country. Minimum temperature is likely to be above normal over the country. Rainfall is likely to be above normal over the country.

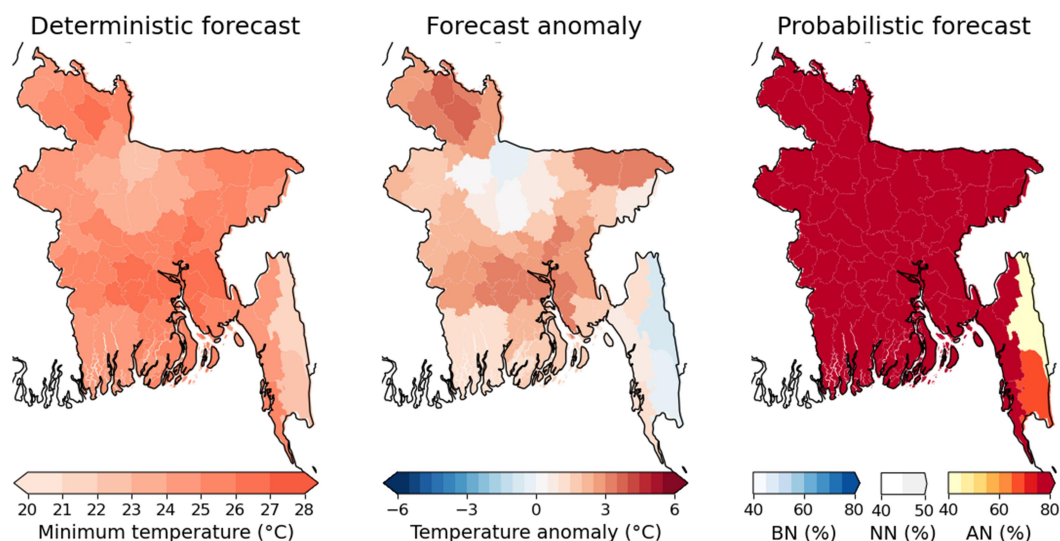
2. Weather Forecast for week 1 (Period: 11.10.2024 to 17.10.2024)

2.1 Weekly Average Maximum Temperature

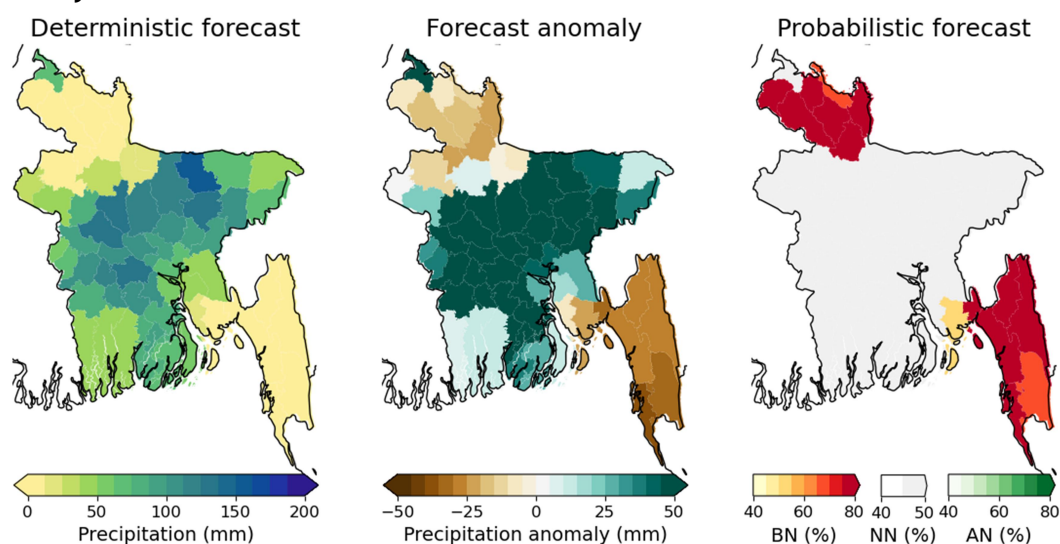


2.2 Weekly Average Minimum Temperature

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	28	-2	0/0/100	26	3	0/0/100	88	63	0/100/0
	Faridpur	28	-2	0/0/100	26	3	0/0/100	135	107	0/100/0
	Gazipur	28	-2	0/8/92	25	2	0/0/100	101	77	0/83/17
	Gopalganj	28	-2	0/0/100	26	3	0/0/100	101	71	0/100/0
	Kishoreganj	28	-2	0/0/100	26	2	0/0/100	128	103	0/92/8
	Madaripur	29	-2	0/0/100	26	3	0/0/100	111	84	0/100/0
	Manikganj	28	-2	0/0/100	25	2	0/0/100	109	80	0/100/0
	Munshiganj	28	-2	0/0/100	26	3	0/0/100	64	40	0/100/0
	Narayanganj	28	-2	0/0/100	26	3	0/0/100	63	42	0/100/0
	Narsingdi	28	-2	0/0/100	26	3	0/0/100	89	69	0/75/25
	Rajbari	28	-2	0/0/100	26	3	0/0/100	108	77	0/100/0
Rajshahi	Shariatpur	30	-1	0/0/100	26	3	0/0/100	51	27	0/100/0
	Bogra	34	3	0/0/100	23	0	0/17/83	30	7	0/100/0
	Joypurhat	35	5	0/0/100	24	2	0/17/83	3	-21	33/67/0
	Naogaon	35	4	0/0/100	24	2	0/17/83	12	-12	0/100/0
	Natore	31	0	0/0/100	25	2	0/17/83	87	58	0/100/0
	Nawabganj	33	4	0/0/100	24	2	0/17/83	26	2	0/100/0
	Pabna	28	-2	0/0/100	25	2	0/0/100	134	99	0/92/8
	Rajshahi	32	2	0/0/100	24	2	0/17/83	49	25	0/100/0

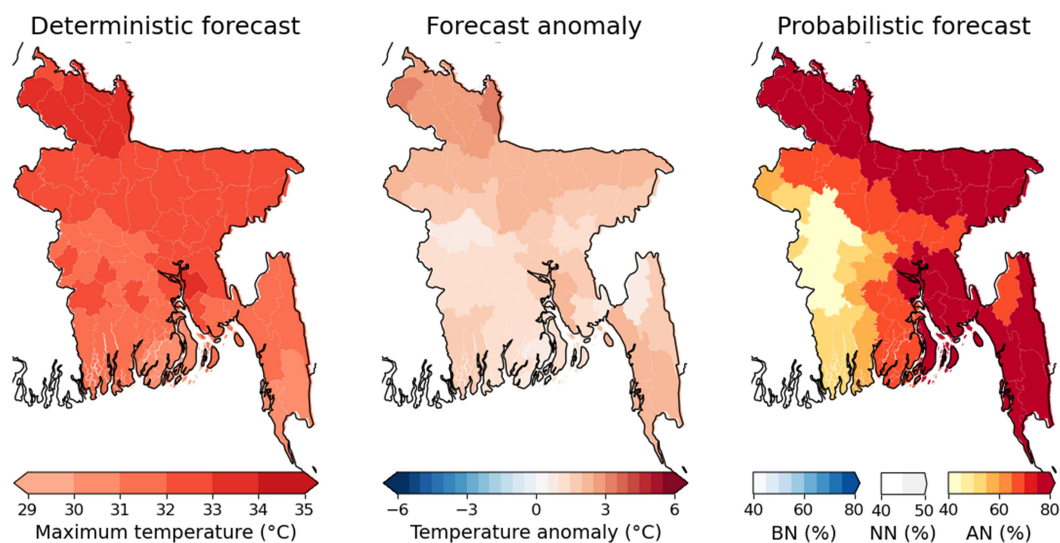
	Sirajganj	29	-2	0/0/100	23	1	0/17/83	135	102	0/100/0
Rangpur	Dinajpur	35	5	0/0/100	26	3	0/0/100	0	-16	92/8/0
	Gaibandha	35	5	0/0/100	25	3	0/0/100	2	-22	75/25/0
	Kurigram	34	4	0/0/100	25	3	0/0/100	0	-21	83/17/0
	Lalmonirhat	34	4	0/0/100	25	3	0/0/100	7	-11	67/33/0
	Nilphamari	36	5	0/0/100	26	4	0/0/100	7	-7	83/17/0
	Panchagarh	33	4	0/0/100	25	3	0/0/100	67	54	25/67/8
	Rangpur	35	5	0/0/100	26	4	0/0/100	0	-17	92/8/0
Mymen-singh	Thakurgaon	35	4	0/0/100	25	3	0/0/100	6	-8	92/8/0
	Jamalpur	34	3	0/0/100	23	0	0/17/83	24	-3	8/92/0
	Mymen-singh	30	0	0/0/100	24	1	0/0/100	125	99	0/100/0
	Netrakona	31	1	0/0/100	24	2	0/0/100	157	127	0/100/0
Chitta-gong	Sherpur	33	3	0/0/100	22	0	0/17/83	20	-8	33/67/0
	Bandarban	32	4	0/0/100	22	0	0/33/67	0	-31	67/33/0
	Brahamanbaria	28	-3	0/0/100	26	3	0/0/100	88	65	0/100/0
	Chandpur	31	1	0/0/100	26	3	0/0/100	38	15	0/100/0
	Chittagong	32	2	0/0/100	25	1	0/8/92	0	-30	100/0/0
	Comilla	30	0	0/0/100	26	3	0/0/100	48	27	0/100/0
	Cox's Bazar	33	4	0/0/100	25	1	0/0/100	0	-37	100/0/0
	Feni	31	0	0/0/100	25	2	0/0/100	0	-33	92/8/0
	Khagrachhari	28	-3	0/0/100	24	1	0/8/92	0	-26	100/0/0
	Lakshmipur	32	1	0/0/100	26	3	0/0/100	17	-9	8/92/0
Khulna	Noakhali	31	0	0/0/100	25	2	0/0/100	5	-21	50/50/0
	Rangamati	31	2	0/0/100	22	-1	0/58/42	0	-25	75/25/0
	Bagerhat	30	0	0/0/100	25	1	0/0/100	44	12	0/100/0
	Chuadanga	31	0	0/0/100	25	2	0/0/100	63	36	0/100/0
	Jessore	30	0	0/0/100	26	3	0/0/100	85	59	0/100/0
	Jhenaidah	31	0	0/0/100	25	3	0/0/100	105	72	0/100/0
	Khulna	30	0	0/0/100	24	1	0/0/100	45	14	0/100/0
	Kushtia	30	0	0/0/100	25	2	0/0/100	89	57	0/100/0
	Magura	29	-1	0/0/100	26	3	0/0/100	113	82	0/100/0
	Meherpur	31	0	0/0/100	25	2	0/0/100	61	32	0/100/0
Barisal	Narail	30	-1	0/0/100	26	3	0/0/100	110	81	0/100/0
	Satkhira	30	0	0/0/100	25	1	0/0/100	38	8	0/100/0
	Barguna	30	1	0/0/100	24	1	0/0/100	85	40	0/100/0
	Barisal	30	0	0/0/100	25	2	0/0/100	85	56	0/100/0
	Bhola	30	1	0/0/100	25	2	0/0/100	52	12	0/100/0
	Jhalokati	31	0	0/0/100	26	2	0/0/100	89	58	0/100/0
	Patuakhali	30	1	0/0/100	25	2	0/0/100	73	25	0/100/0
Sylhet	Pirojpur	31	0	0/0/100	25	2	0/0/100	81	52	0/100/0
	Habiganj	28	-3	0/0/100	25	2	0/0/100	101	69	0/100/0
	Maulvibazar	28	-3	0/0/100	24	1	0/0/100	70	38	8/92/0
	Sunamganj	32	2	0/0/100	25	3	0/0/100	73	43	0/100/0
	Sylhet	33	3	0/0/100	25	3	0/0/100	42	13	8/92/0

2.5 Guidance

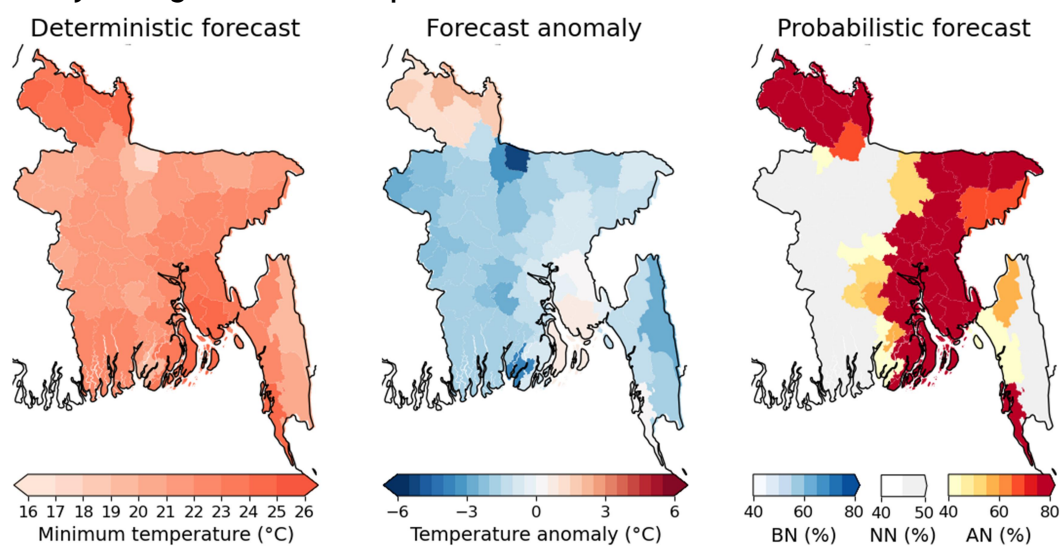
- Add here the text for guidance.

3. Weather Forecast for week 2 (Period: 18.10.2024 to 24.10.2024)

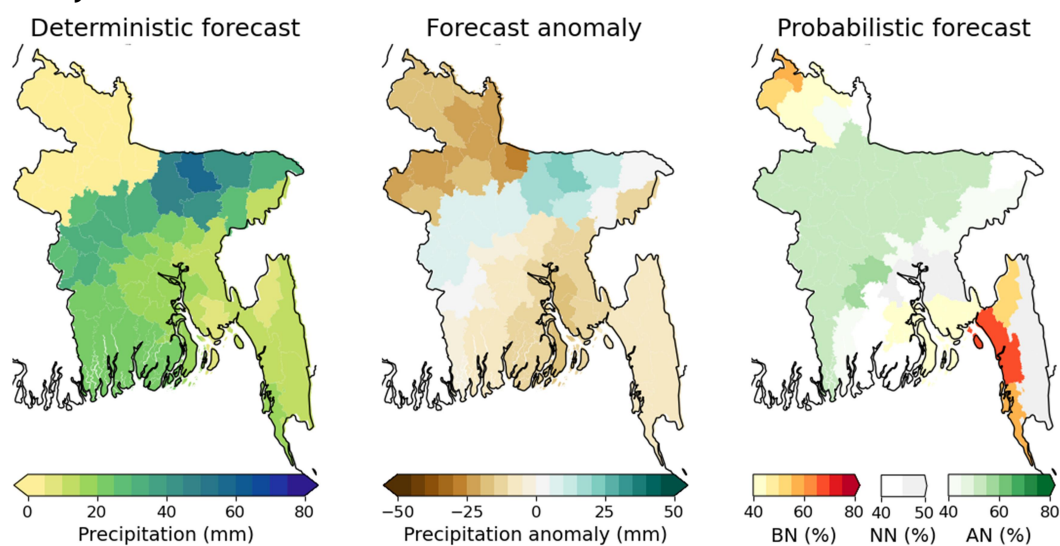
3.1 Weekly Average Maximum Temperature



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)		
		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	8/25/67	22	-1	0/25/75	18	-8	17/42/42
	Faridpur	32	1	8/33/58	21	-2	0/50/50	20	-5	17/25/58
	Gazipur	32	2	8/25/67	22	-1	0/25/75	20	-7	17/33/50
	Gopalganj	32	1	0/33/67	21	-3	0/42/58	20	-6	33/33/33
	Kishoreganj	33	2	8/17/75	23	-1	0/25/75	43	12	17/33/50
	Madaripur	32	1	0/33/67	22	-1	0/25/75	18	-9	25/50/25
	Manikganj	32	1	8/33/58	21	-2	0/58/42	24	-3	17/33/50
	Munshiganj	32	2	0/25/75	23	-1	0/25/75	15	-11	17/50/33
	Narayanganj	33	2	0/25/75	23	-1	0/25/75	14	-12	17/50/33
	Narsingdi	32	1	8/25/67	23	-1	0/25/75	17	-11	17/42/42
	Rajbari	32	1	17/33/50	22	-2	0/58/42	26	-2	17/33/50
	Shariatpur	32	2	0/25/75	23	-1	0/17/83	16	-13	33/42/25
Rajshahi	Bogra	33	2	8/25/67	21	-2	8/83/8	0	-19	25/25/50
	Joypurhat	33	2	0/33/67	21	-2	8/50/42	0	-22	17/33/50
	Naogaon	33	2	8/25/67	21	-2	8/58/33	0	-21	17/33/50
	Natore	32	2	25/33/42	21	-2	8/83/8	30	7	25/25/50
	Nawabganj	32	2	17/25/58	20	-3	0/75/25	0	-21	17/33/50
	Pabna	31	1	25/33/42	21	-2	0/75/25	35	6	17/33/50
	Rajshahi	32	2	25/25/50	21	-2	0/83/17	0	-17	25/25/50
	Sirajganj	32	2	8/25/67	21	-2	0/83/17	33	8	17/33/50
Rangpur	Dinajpur	33	3	0/0/100	24	1	0/8/92	0	-19	42/17/42
	Gaibandha	33	3	0/8/92	21	-1	0/33/67	0	-23	25/25/50
	Kurigram	33	3	0/0/100	24	2	0/8/92	0	-21	33/33/33
	Lalmonirhat	33	3	0/0/100	25	2	0/0/100	0	-19	42/33/25
	Nilphamari	34	3	0/0/100	25	2	0/0/100	0	-16	42/33/25
	Panchagarh	33	3	0/0/100	23	1	0/0/100	0	-17	58/17/25
	Rangpur	33	3	0/0/100	24	1	0/8/92	0	-20	33/25/42
	Thakurgaon	33	3	0/0/100	24	2	0/0/100	0	-17	50/25/25
Mymen-singh	Jamalpur	33	2	8/17/75	19	-3	8/67/25	2	-24	25/25/50
	Mymen-singh	33	2	8/17/75	22	-2	0/50/50	47	19	17/33/50
	Netrakona	33	2	8/17/75	21	-1	0/25/75	57	22	17/33/50
	Sherpur	33	2	8/8/83	17	-5	8/58/33	2	-27	25/25/50
Chitta-gong	Bandarban	31	2	8/17/75	21	-2	0/100/0	11	-10	33/50/17
	Brahamanbaria	32	1	0/33/67	23	-1	0/25/75	15	-13	17/42/42
	Chandpur	33	2	0/25/75	23	0	0/17/83	16	-15	25/50/25
	Chittagong	32	2	0/17/83	23	-1	0/58/42	15	-9	67/17/17
	Comilla	33	2	0/17/83	24	0	0/17/83	14	-12	25/50/25
	Cox's Bazar	31	2	0/25/75	24	0	0/17/83	19	-6	58/17/25
	Feni	32	1	0/25/75	23	0	0/8/92	13	-12	42/42/17
	Khagrachhari	32	1	0/33/67	22	-1	0/42/58	9	-10	50/42/8
	Lakshmipur	33	2	0/17/83	24	1	0/8/92	13	-17	42/33/25
	Noakhali	31	1	0/25/75	25	1	0/8/92	10	-14	42/33/25
Khulna	Rangamati	31	2	8/8/83	19	-3	0/100/0	13	-6	17/67/17
	Bagerhat	31	1	0/42/58	22	-2	0/67/33	22	-10	25/42/33
	Chuadanga	32	1	25/33/42	21	-2	0/67/33	29	7	17/33/50
	Jessore	32	1	17/42/42	22	-2	0/67/33	22	1	17/33/50
	Jhenaidah	32	1	17/42/42	21	-2	0/67/33	34	7	17/33/50
	Khulna	32	2	8/42/50	22	-2	0/83/17	24	-7	17/42/42
	Kushtia	31	1	25/33/42	21	-2	0/75/25	33	7	25/25/50
	Magura	32	1	17/33/50	22	-2	0/67/33	26	3	17/33/50
	Meherpur	32	1	25/25/50	21	-2	0/67/33	28	6	25/25/50
	Narail	32	1	8/33/58	21	-2	0/50/50	21	-1	25/17/58
Barisal	Satkhira	32	2	17/33/50	22	-2	0/92/8	24	-3	8/42/50
	Barguna	31	1	0/33/67	20	-4	0/58/42	22	-14	33/33/33
	Barisal	32	1	0/33/67	22	-1	0/17/83	17	-15	42/33/25
	Bhola	31	1	0/25/75	25	1	0/0/100	18	-17	42/33/25
	Jhalokati	32	1	0/33/67	22	-2	0/42/58	21	-15	42/33/25
	Patuakhali	31	1	0/33/67	23	-1	0/17/83	24	-14	33/42/25
Sylhet	Pirojpur	32	1	0/33/67	21	-2	0/58/42	21	-12	33/33/33
	Habiganj	33	2	0/17/83	23	-1	0/33/67	28	1	17/42/42
	Maulvibazar	33	2	0/17/83	22	-1	0/33/67	14	-11	17/42/42

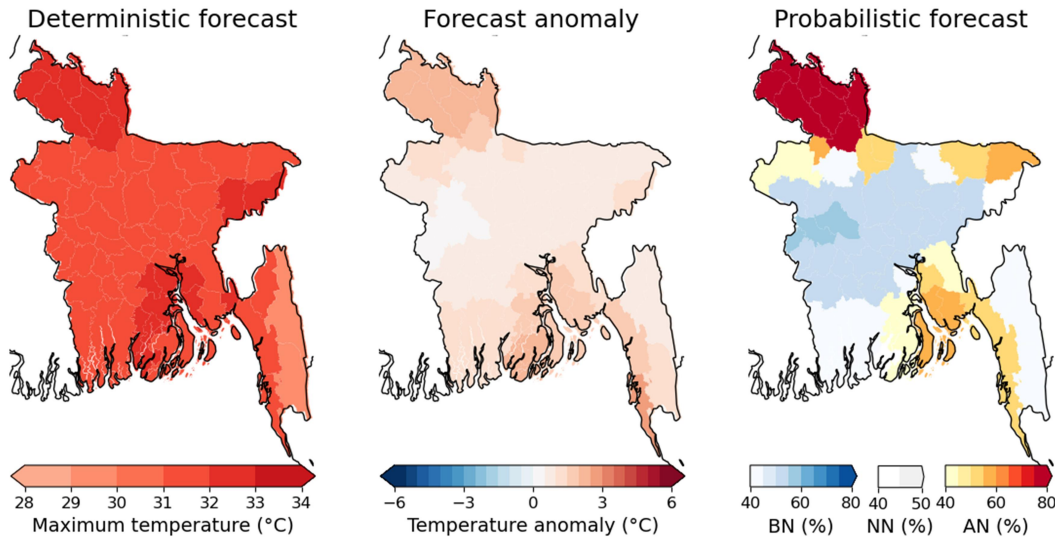
	Sunamganj	32	2	0/17/83	21	-2	0/17/83	43	13	17/33/50
	Sylhet	32	2	0/8/92	21	-1	0/17/83	30	4	25/42/33

3.5 Guidance

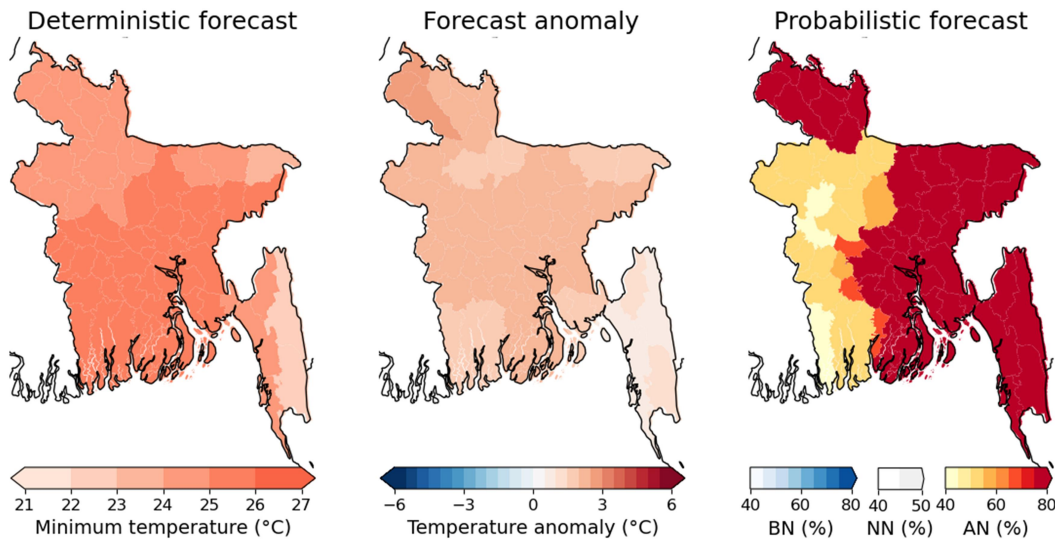
- Add here the text for guidance.

4. Weather Outlook for week 3+4 (Period: 25.10.2024 to 07.11.2024)

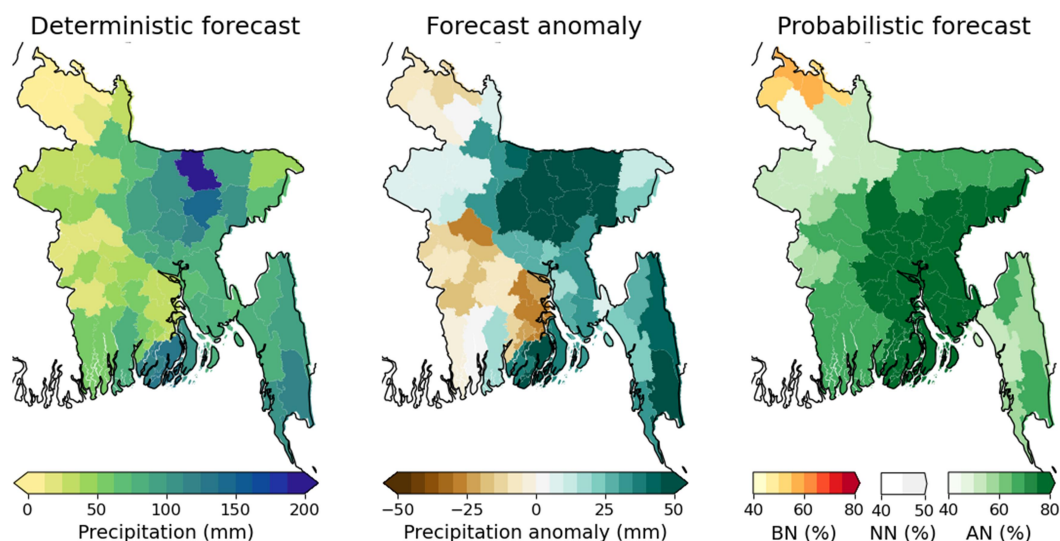
4.1 Two-weekly Average Maximum Temperature



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	32	1	50/25/25	25	2	0/17/83	88	30	17/0/83
	Faridpur	32	1	50/25/25	25	2	0/17/83	40	-7	17/8/75
	Gazipur	32	1	50/25/25	25	2	0/25/75	111	58	8/17/75
	Gopalganj	32	1	50/8/42	25	2	0/17/83	52	-10	8/17/75
	Kishoreganj	32	1	50/25/25	26	2	0/25/75	140	88	8/8/83
	Madaripur	32	1	50/8/42	25	2	0/8/92	27	-28	8/17/75
	Manikganj	32	1	50/25/25	25	2	8/17/75	76	26	17/0/83
	Munshiganj	32	1	50/8/42	25	2	0/8/92	84	27	8/17/75
	Narayanganj	32	1	50/8/42	25	2	0/8/92	79	24	8/8/83
	Narsingdi	32	1	50/25/25	25	2	0/8/92	125	70	8/8/83
	Rajbari	32	1	50/25/25	25	2	8/25/67	27	-17	8/25/67
Rajshahi	Shariatpur	32	1	42/17/42	26	2	0/8/92	30	-24	8/17/75
	Bogra	32	1	42/17/42	24	2	8/42/50	30	6	8/42/50
	Joypurhat	32	1	25/17/58	24	2	8/42/50	29	7	25/33/42
	Naogaon	32	1	25/33/42	24	2	8/42/50	32	8	25/25/50
	Natore	31	0	50/33/17	25	2	8/50/42	48	13	8/33/58
	Nawabganj	31	1	33/25/42	24	2	8/42/50	35	8	25/25/50
	Pabna	31	0	58/25/17	25	2	8/42/50	23	-26	8/25/67
	Rajshahi	31	1	50/17/33	25	2	8/42/50	39	9	8/42/50
Rangpur	Sirajganj	31	1	50/33/17	25	2	8/42/50	70	31	8/25/67
	Dinajpur	33	2	0/0/100	24	3	0/0/100	11	-2	25/33/42
	Gaibandha	32	2	25/0/75	24	2	0/25/75	63	35	8/42/50
	Kurigram	33	2	0/0/100	24	2	0/0/100	35	6	17/33/50
	Lalmonirhat	33	2	0/0/100	24	2	0/0/100	3	-13	50/17/33
	Nilphamari	33	2	0/0/100	25	2	0/0/100	2	-10	58/8/33
	Panchagarh	32	2	0/0/100	24	3	0/0/100	2	-9	58/17/25
	Rangpur	33	2	0/17/83	24	2	0/0/100	17	0	25/25/50
Mymen-singh	Thakurgaon	33	2	0/0/100	24	3	0/0/100	4	-7	50/25/25
	Jamalpur	32	1	33/17/50	24	2	8/42/50	69	33	8/42/50
	Mymen-singh	32	1	50/8/42	25	2	8/17/75	101	56	0/33/67
	Netrakona	31	1	42/8/50	25	2	8/17/75	198	143	0/33/67
Chitta-gong	Sherpur	32	1	25/25/50	24	2	8/42/50	84	40	8/42/50
	Bandarban	29	1	42/25/33	23	1	0/25/75	122	62	0/33/67
	Brahamanba- ria	32	1	50/25/25	25	2	0/8/92	87	35	8/8/83
	Chandpur	33	2	25/25/50	25	2	0/8/92	64	16	8/17/75
	Chittagong	31	2	25/25/50	25	1	0/8/92	83	20	0/50/50
	Comilla	32	1	33/25/42	25	2	0/8/92	80	31	8/8/83
	Cox's Bazar	32	3	17/33/50	25	1	0/0/100	101	31	0/42/58
	Feni	32	1	25/25/50	25	2	0/0/100	68	8	8/8/83
	Khagrachha	31	1	42/25/33	24	1	0/17/83	80	27	8/25/67

	ri									
	Lakshmipur	33	2	17/25/58	25	2	0/0/100	79	25	0/25/75
	Noakhali	32	2	8/33/58	25	2	0/0/100	81	32	0/17/83
	Rangamati	30	1	42/17/42	23	1	8/17/75	92	41	0/42/58
Khulna	Bagerhat	32	1	42/25/33	26	2	8/42/50	79	15	0/33/67
	Chuadanga	31	0	50/25/25	25	2	8/42/50	21	-8	8/33/58
	Jessore	32	1	50/33/17	25	2	8/42/50	23	-17	8/25/67
	Jhenaidah	31	1	50/25/25	25	2	8/42/50	40	-6	8/33/58
	Khulna	32	1	42/25/33	25	2	8/42/50	60	2	0/33/67
	Kushtia	31	0	58/25/17	25	2	8/50/42	24	-12	8/25/67
	Magura	32	1	50/25/25	25	2	8/33/58	31	-15	8/25/67
	Meherpur	31	0	58/17/25	25	2	8/42/50	14	-11	8/42/50
	Narail	32	1	50/25/25	25	2	0/33/67	48	-6	8/25/67
	Satkhira	32	1	42/33/25	25	2	25/33/42	50	-1	0/33/67
Barisal	Barguna	32	2	33/33/33	26	2	8/17/75	114	38	0/17/83
	Barisal	33	2	33/25/42	25	2	0/8/92	36	-27	0/25/75
	Bhola	32	2	0/42/58	26	2	0/0/100	103	38	0/17/83
	Jhalokati	33	2	33/25/42	25	2	0/8/92	47	-22	0/25/75
	Patuakhali	32	2	17/42/42	26	2	0/8/92	126	47	0/17/83
	Pirojpur	32	1	42/25/33	25	2	8/25/67	54	-11	0/33/67
Sylhet	Habiganj	32	1	50/25/25	26	2	0/25/75	105	57	8/17/75
	Maulvibazar	32	1	33/42/25	25	2	0/25/75	64	23	8/17/75
	Sunamganj	31	1	33/17/50	24	2	8/17/75	100	55	8/25/67
	Sylhet	31	1	33/8/58	24	2	0/17/83	47	13	8/25/67

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)