



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 19 May 2023

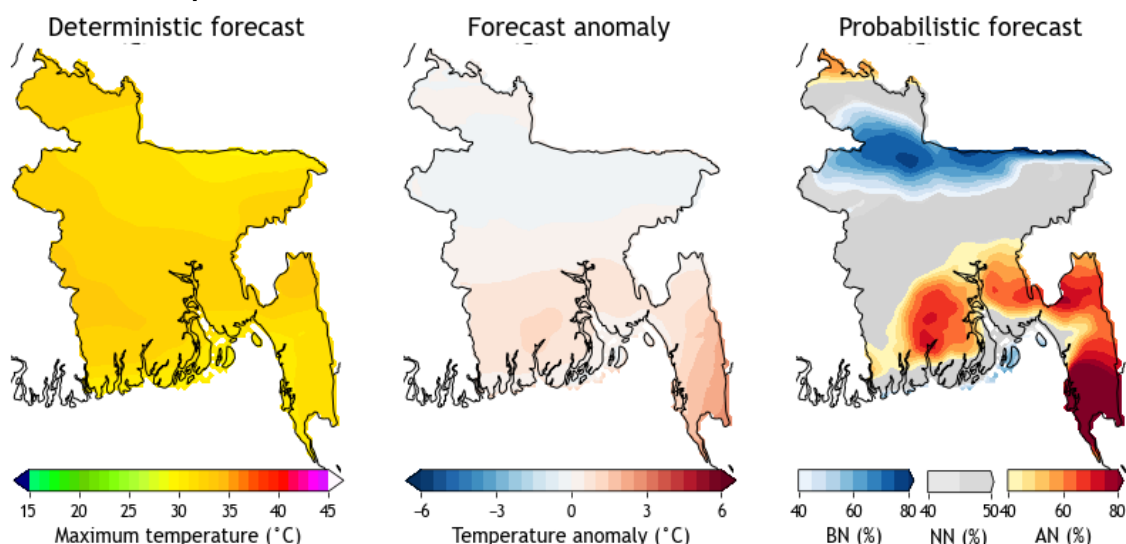
Subject: Experimental Sub-seasonal forecast for Bangladesh during 19.05.2023 to 15.06.2023

1. Weather Forecast for week 1 (Period: 19.05.2023 to 25.05.2023)

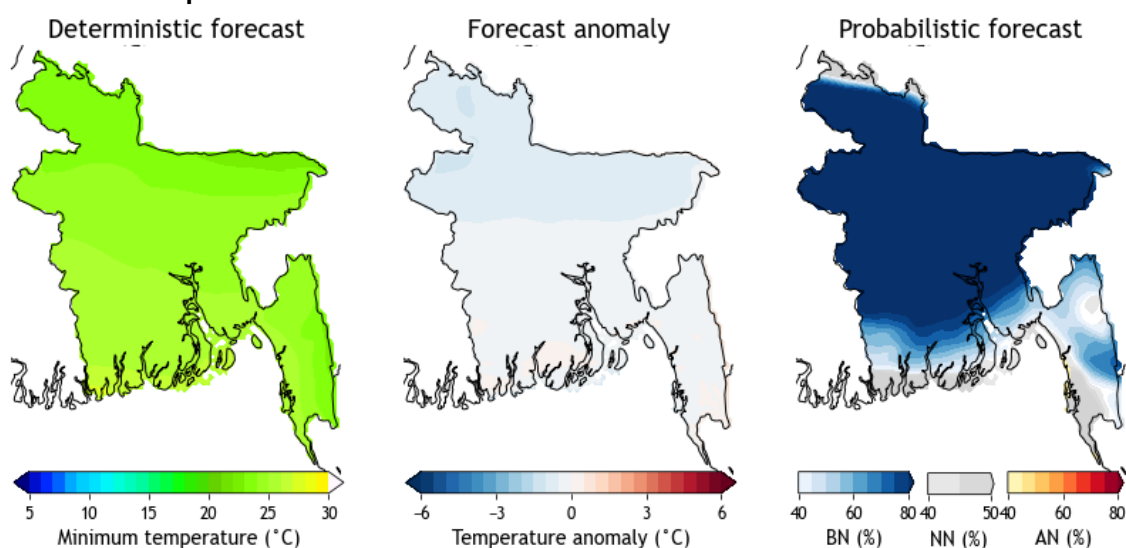
1.1 Significant Information

- Add here the text for significant information.

1.2 Maximum Temperature

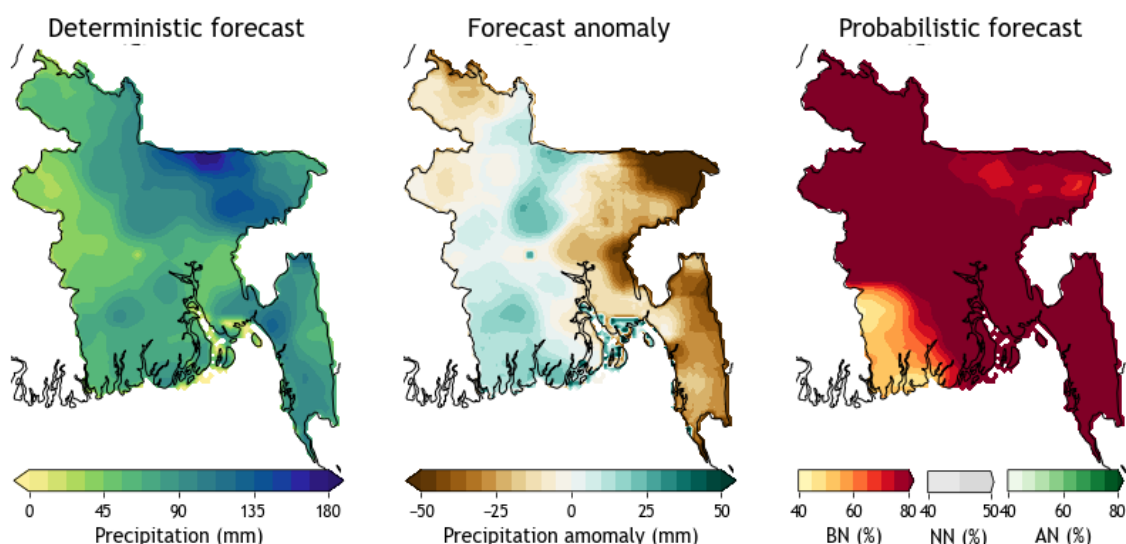


1.3 Minimum Temperature



1.4 Rainfall

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



1.5 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	0	10/52/37	25	0	85/1/14	69	-13	97/3/0
	Faridpur	33	0	5/58/37	25	0	85/0/14	59	3	95/5/0
	Gazipur	32	0	20/59/21	25	0	86/3/12	79	-11	93/7/0
	Gopalganj	33	1	1/36/63	25	0	85/0/14	73	6	84/16/0
	Kishoreganj	32	0	23/65/12	24	-1	86/7/7	125	-20	82/18/0
	Madaripur	33	1	1/40/59	25	0	85/1/14	81	4	91/9/0
	Manikganj	32	0	14/61/25	25	0	85/1/14	66	0	97/3/0
	Munshiganj	32	0	7/49/43	25	0	85/1/14	66	-11	97/3/0
	Narayanganj	32	0	9/48/44	25	0	85/0/14	63	-23	97/3/0
	Narsingdi	32	0	16/55/29	25	0	85/2/13	79	-20	90/10/0
	Rajbari	32	0	12/68/20	25	0	85/0/14	47	-1	98/2/0
	Shariatpur	32	1	3/46/51	25	0	84/1/14	72	-3	96/4/0
Rajshahi	Bogra	32	0	59/25/15	24	-1	86/2/12	84	0	95/5/0
	Joypurhat	32	0	70/13/16	24	-1	86/1/13	73	-1	91/9/0
	Naogaon	32	0	55/30/15	24	-1	86/0/14	45	-8	97/3/0
	Natore	32	0	35/49/16	25	-1	86/1/13	50	2	100/0/0
	Nawabganj	32	0	40/44/16	24	-1	86/0/14	36	-7	100/0/0
	Pabna	32	0	21/64/16	25	0	86/1/14	53	6	99/1/0
	Rajshahi	32	0	38/46/17	25	-1	86/0/14	35	-6	100/0/0
	Sirajganj	32	0	34/51/15	24	-1	86/2/13	82	14	98/2/0
Rangpur	Dinajpur	32	0	48/32/20	24	-1	86/0/14	61	-9	96/4/0
	Gaibandha	31	0	68/15/17	24	-1	86/1/13	88	6	87/13/0
	Kurigram	32	0	22/57/21	24	-1	71/18/11	89	3	87/13/0
	Lalmonirhat	32	0	12/58/30	24	-1	63/26/10	69	-16	94/6/0
	Nilphamari	33	0	21/51/28	24	-1	70/18/12	58	-21	96/4/0
	Panchagarh	33	0	10/41/49	24	-1	42/53/6	44	-25	97/3/0
	Rangpur	32	0	50/32/19	24	-1	86/0/14	71	-4	93/7/0
Mymen-singh	Thakurgaon	33	0	15/53/32	24	-1	83/3/14	56	-10	98/2/0
	Jamalpur	31	0	66/20/14	24	-1	86/5/9	99	10	88/12/0
	Mymen-singh	31	0	50/41/9	24	-1	86/6/9	110	0	81/19/0
	Netrakona	31	0	57/36/7	23	-1	86/7/7	145	-11	74/26/0
	Sherpur	31	0	66/21/12	24	-1	86/7/8	121	17	83/17/0
Chitta-gong	Bandarban	32	2	0/12/88	24	0	44/35/21	88	-27	100/0/0
	Brahamanba- ria	32	0	11/54/35	25	0	85/4/11	81	-34	88/12/0
	Chandpur	32	1	3/38/58	25	0	82/3/14	56	-15	99/1/0
	Chittagong	31	1	4/42/53	25	0	39/36/25	94	-24	100/0/0
	Comilla	32	1	5/38/57	25	0	79/7/14	59	-32	96/4/0
	Cox's Bazar	31	2	0/10/90	25	0	9/61/30	85	-30	100/0/0
	Feni	32	1	2/40/58	25	0	50/32/17	96	-15	99/1/0
	Khagrachha- ri	33	1	1/32/67	25	0	51/29/19	96	-30	99/1/0

Khulna	Lakshmipur	32	1	8/49/42	25	0	66/19/15	60	-12	94/6/0
	Noakhali	31	0	18/45/37	25	0	48/32/20	62	-8	96/4/0
	Rangamati	32	1	1/37/62	24	0	50/34/15	76	-36	100/0/0
	Bagerhat	32	1	3/44/53	26	0	59/26/15	73	15	62/38/0
	Chuadanga	33	0	7/69/24	25	0	86/0/14	42	0	94/6/0
	Jessore	33	1	1/72/27	25	0	84/1/14	58	10	56/43/1
	Jhenaidah	33	0	6/73/22	25	0	86/0/14	48	5	88/12/0
	Khulna	32	1	1/55/44	26	0	59/27/14	73	16	57/43/0
	Kushtia	33	0	16/68/16	25	0	86/0/14	43	5	98/2/0
	Magura	33	0	4/69/27	25	0	86/0/14	52	6	88/12/0
	Meherpur	33	0	11/65/25	25	0	86/0/14	37	0	95/5/0
Barisal	Narail	33	1	1/57/42	25	0	86/0/14	71	14	72/28/0
	Satkhira	32	1	3/61/37	26	0	50/36/15	64	12	52/48/1
	Barguna	31	1	2/62/36	26	0	45/39/16	78	16	67/33/0
	Barisal	33	1	2/39/60	25	0	77/9/14	68	-5	86/14/0
	Bhola	31	0	12/62/26	26	0	47/34/20	64	-12	89/11/0
	Jhalokati	33	1	1/35/64	25	0	71/14/14	70	1	82/18/0
Sylhet	Patuakhali	31	0	5/58/37	26	0	44/38/18	72	6	82/18/0
	Pirojpur	33	1	1/32/67	25	0	70/16/14	72	8	74/26/0
	Habiganj	32	0	20/62/18	24	-1	86/10/4	126	-27	82/18/0
	Maulvibazar	32	0	24/61/14	24	-1	85/12/2	104	-42	80/20/0
	Sunamganj	31	0	47/43/10	23	-1	86/9/5	126	-44	80/20/0
	Sylhet	31	0	44/46/10	23	-1	82/14/4	82	-68	83/17/0

1.6 Guidance

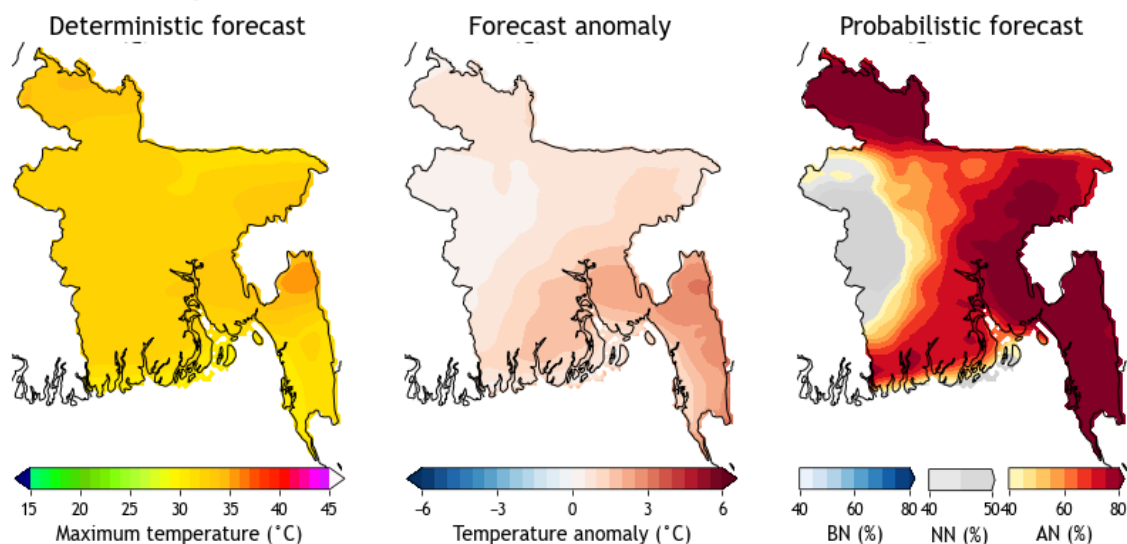
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2. Weather Forecast for week 2 (Period: 26.05.2023 to 01.06.2023)

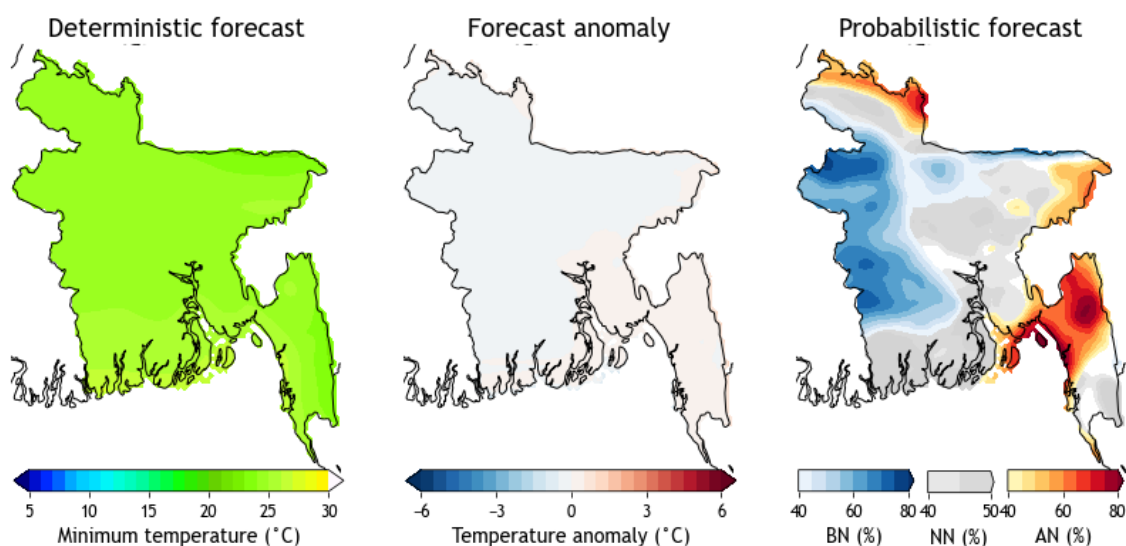
2.1 Significant Information

- Add here the text for significant information.

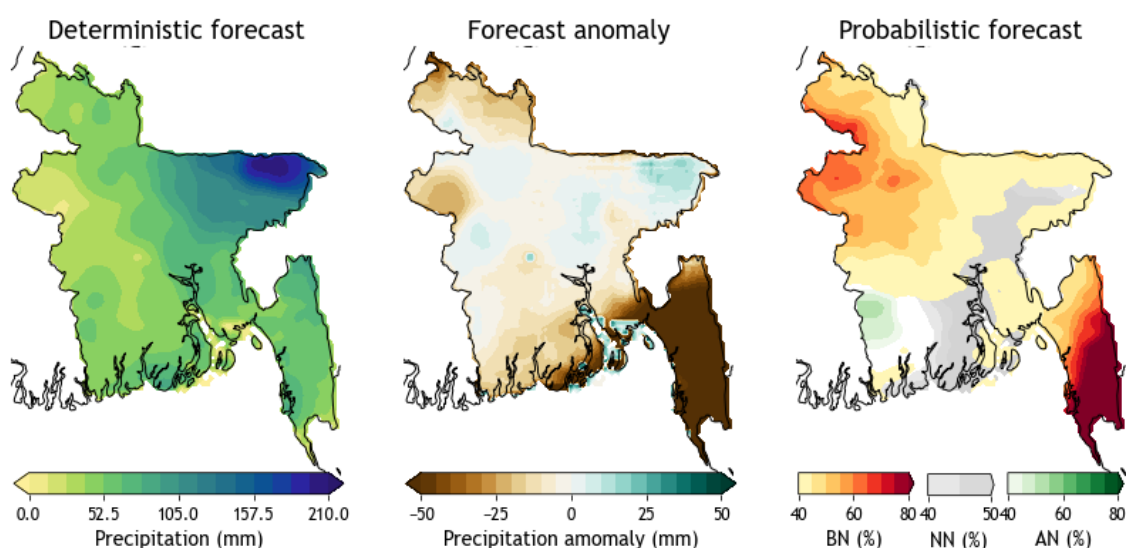
2.2 Maximum Temperature



2.3 Minimum Temperature



2.4 Rainfall



2.5 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	9/19/73	25	0	31/44/25	68	2	42/57/1
	Faridpur	32	1	11/32/57	25	0	50/33/17	37	-8	43/53/4
	Gazipur	32	1	10/16/74	25	0	31/49/20	76	4	41/58/1
	Gopalganj	33	1	10/23/67	25	0	57/29/14	43	-7	41/44/15
	Kishoreganj	33	1	10/12/79	25	0	25/43/31	109	-3	40/56/4
	Madaripur	33	2	10/18/72	25	0	46/37/17	49	-6	41/54/5
	Manikganj	32	1	10/31/59	25	0	34/41/25	47	-4	46/53/1
	Munshiganj	33	1	9/16/75	25	0	27/39/34	69	-2	40/59/1
	Narayanganj	33	1	7/13/79	25	0	24/43/34	76	3	40/59/1
	Narsingdi	33	1	7/14/79	25	0	21/46/33	86	2	39/59/2
	Rajbari	32	1	12/48/40	25	0	54/33/14	29	-6	45/53/2
	Shariatpur	33	2	9/16/74	25	0	31/45/24	58	-7	40/59/1
Rajshahi	Bogra	32	0	15/30/54	25	0	54/34/11	50	2	56/43/1
	Joypurhat	32	1	15/29/55	25	0	67/20/13	46	1	56/42/2
	Naogaon	32	0	18/42/40	25	0	68/19/13	28	-9	60/38/2
	Natore	32	0	17/53/30	25	0	63/28/9	29	-3	53/47/0
	Nawabganj	33	0	19/42/38	25	0	63/24/13	21	-16	60/39/0
	Pabna	32	0	13/51/36	25	0	52/37/11	36	1	51/48/0
	Rajshahi	32	0	19/54/27	25	0	60/28/12	15	-21	55/44/1

Rangpur	Sirajganj	32	0	13/33/53	25	0	45/44/11	44	-2	51/49/1
	Dinajpur	33	1	6/13/81	24	0	43/39/18	42	-4	58/41/1
	Gaibandha	32	1	9/15/76	24	0	37/41/22	49	-4	47/51/2
	Kurigram	33	1	5/8/88	25	0	8/31/61	45	-19	41/55/4
	Lalmonirhat	34	1	4/8/88	25	0	10/35/55	48	-21	44/54/2
	Nilphamari	34	1	5/6/89	25	0	16/42/43	43	-15	49/50/1
	Panchagarh	34	0	4/11/84	24	0	13/34/53	33	-26	50/50/0
	Rangpur	33	1	6/9/85	24	0	27/46/27	48	-13	49/50/1
Mymen-singh	Thakurgaon	34	1	5/9/86	24	0	31/42/27	31	-18	53/46/1
	Jamalpur	32	1	10/25/65	25	0	45/44/12	59	-2	49/50/2
	Mymen-singh	32	1	11/21/68	25	0	42/44/14	93	2	42/55/3
	Netrakona	32	1	13/17/70	24	0	38/42/19	117	-2	41/50/9
Chittagong	Sherpur	32	1	9/23/68	24	0	45/42/13	75	-4	45/52/2
	Bandarban	31	2	0/6/93	24	0	27/43/30	52	-86	95/5/0
	Brahmanbaria	33	1	6/12/82	25	0	20/44/37	81	-8	40/58/2
	Chandpur	33	2	7/13/80	25	0	27/43/30	70	-8	40/60/0
	Chittagong	32	2	2/11/87	25	0	15/21/63	56	-69	58/42/0
	Comilla	33	2	6/10/85	25	0	27/40/33	64	-9	40/59/1
	Cox's Bazar	31	1	0/3/97	25	0	22/39/39	58	-99	86/14/0
	Feni	34	2	4/6/91	25	0	19/28/53	50	-54	42/58/0
	Khagrachhari	35	3	1/13/85	25	0	12/21/68	63	-60	50/50/0
	Lakshmipur	33	2	6/19/75	25	0	22/42/36	51	-20	40/59/1
Khulna	Noakhali	32	2	6/22/72	25	0	17/35/48	38	-33	40/60/0
	Rangamati	33	3	1/16/82	24	0	16/27/57	65	-63	71/29/0
	Bagerhat	32	1	10/23/68	26	0	35/47/18	47	-16	39/37/24
	Chuadanga	32	0	17/57/26	25	0	68/19/13	34	1	44/48/8
	Jessore	33	1	17/47/36	25	0	67/19/13	49	-4	40/16/44
	Jhenaidah	32	0	17/57/26	25	0	67/21/12	39	-2	42/44/14
	Khulna	32	1	12/26/62	25	0	38/46/16	46	-12	40/26/34
	Kushtia	32	0	16/62/22	25	0	60/29/10	34	3	51/47/2
	Magura	32	1	14/50/36	25	0	62/26/13	40	-7	41/46/13
	Meherpur	33	0	16/59/25	25	0	65/22/13	30	0	48/48/4
Barisal	Narail	33	1	12/36/51	25	0	60/27/13	40	-8	40/34/26
	Satkira	32	1	14/30/56	26	0	36/48/16	49	-8	40/24/37
	Barguna	32	1	9/23/68	26	0	29/49/22	67	-23	39/48/13
	Barisal	33	2	9/17/74	25	0	36/46/18	44	-15	39/54/7
	Bhola	31	1	10/30/61	26	0	16/50/34	54	-40	40/56/3
	Jhalokati	33	2	9/17/75	25	0	36/48/16	44	-18	39/49/12
	Patuakhali	31	1	9/28/63	26	0	24/52/24	60	-34	39/55/5
	Pirojpur	33	2	9/17/73	25	0	40/44/16	47	-15	39/42/18
Sylhet	Habiganj	33	1	8/10/81	25	0	18/43/38	107	-2	40/52/8
	Maulvibazar	34	1	7/17/77	25	0	13/34/53	117	0	41/47/12
	Sunamganj	32	1	14/12/75	24	0	35/38/27	160	-1	42/47/11
	Sylhet	32	1	13/15/72	24	0	25/31/44	174	3	41/46/13

2.6 Guidance

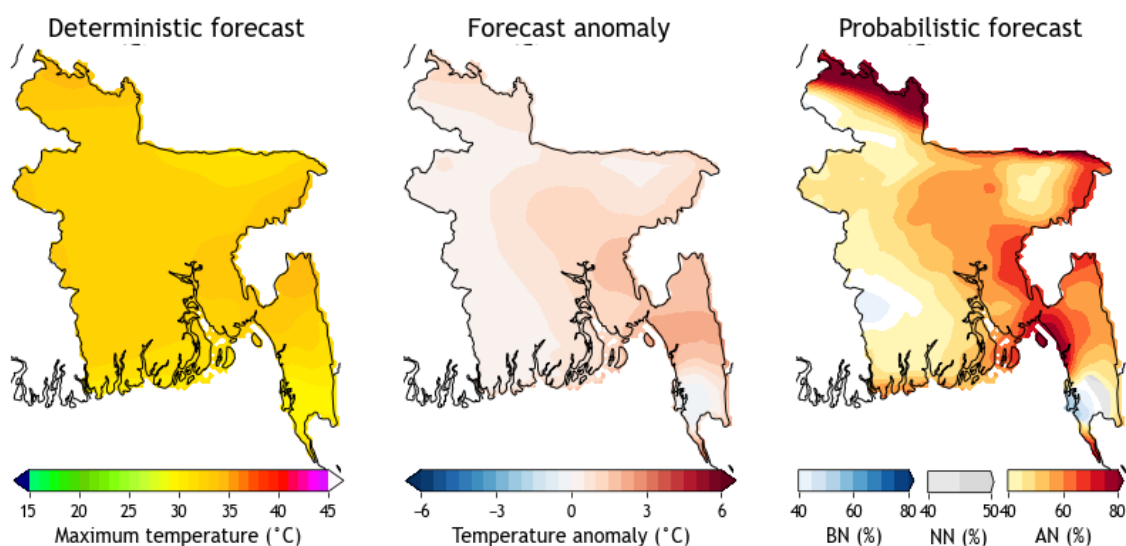
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 02.06.2023 to 15.06.2023)

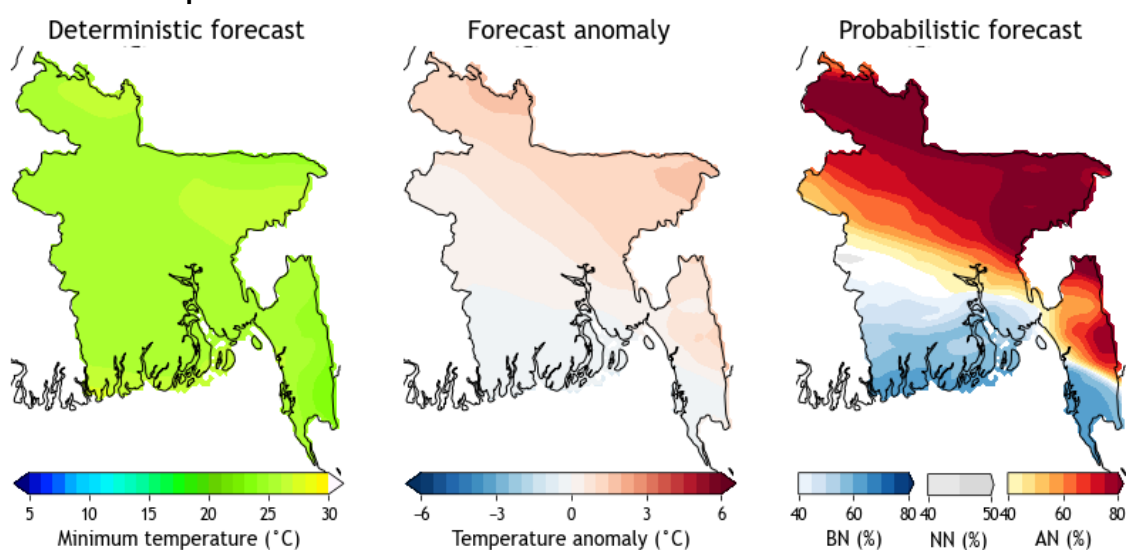
3.2 Significant Information

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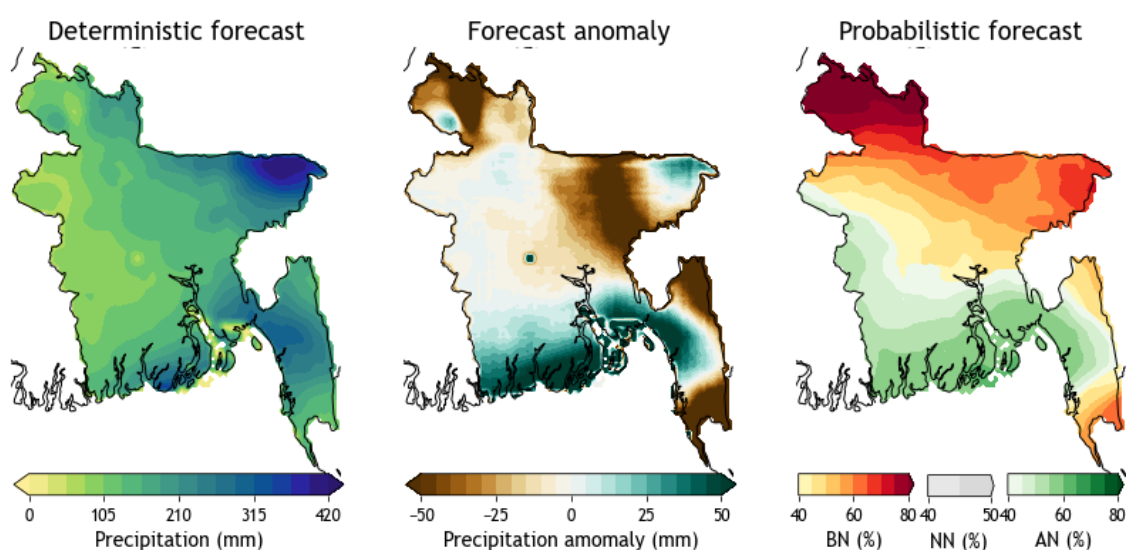
3.2 Maximum Temperature



3.3 Minimum Temperature



3.4 Rainfall



3.5 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)

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Dhaka	Dhaka	33	1	17/27/56	26	0	19/23/58	135	-14	46/21/33
	Faridpur	33	1	31/22/48	25	0	33/28/40	103	-7	43/16/41
	Gazipur	33	1	15/27/58	26	1	10/18/72	141	-26	50/25/25
	Gopalganj	32	1	33/25/42	25	0	41/28/31	109	1	40/14/45
	Kishoreganj	33	1	15/31/54	26	1	8/11/81	180	-61	57/28/15
	Madaripur	33	1	29/22/49	25	0	38/25/37	115	-3	42/15/43
	Manikganj	33	1	20/26/54	25	0	21/25/55	119	-13	45/22/33
	Munshiganj	33	1	17/26/57	26	0	27/25/48	129	-11	44/18/37
	Narayanganj	33	1	15/28/57	26	1	14/25/61	137	-18	46/20/33
	Narsingdi	33	1	12/28/60	26	1	8/15/77	147	-39	51/24/25
	Rajbari	33	1	28/25/48	25	0	26/31/43	96	-5	44/16/40
Rajshahi	Shariatpur	33	1	22/25/54	25	0	37/22/40	128	-1	42/13/44
	Bogra	32	0	29/26/45	26	1	18/9/73	126	3	53/30/18
	Joypurhat	32	0	27/29/44	26	1	18/7/74	113	-6	58/27/15
	Naogaon	33	0	30/24/46	25	1	22/9/69	87	-7	52/25/23
	Natore	33	0	30/24/46	26	0	19/19/62	103	-2	43/22/35
	Nawabganj	33	0	32/23/45	25	0	27/17/56	77	-5	47/15/38
	Pabna	33	1	26/26/49	26	0	21/24/55	106	-5	43/20/38
	Rajshahi	33	0	32/22/46	26	0	25/18/57	81	-2	43/17/41
Rangpur	Sirajganj	33	1	23/24/53	26	1	16/17/66	131	-3	46/29/24
	Dinajpur	33	0	23/35/42	26	1	6/12/82	128	-30	75/17/8
	Gaibandha	32	0	20/35/46	26	1	8/11/81	146	-4	67/22/12
	Kurigram	33	1	2/20/79	26	2	0/8/92	180	-20	80/17/3
	Lalmonirhat	34	1	1/18/81	26	2	0/14/86	167	-40	82/16/1
	Nilphamari	34	1	3/25/71	26	1	0/14/85	110	-84	81/17/2
	Panchagarh	34	1	2/17/81	26	1	0/26/74	91	-61	84/15/0
	Rangpur	33	1	12/36/52	26	1	2/11/87	159	-28	75/18/7
Mymen-singh	Thakurgaon	34	1	20/31/48	26	1	2/12/86	108	-32	83/14/3
	Jamalpur	32	1	21/28/51	26	1	11/10/79	148	-6	61/28/11
	Mymen-singh	32	1	16/26/58	26	1	10/10/79	168	-32	60/30/10
	Netrakona	32	1	18/28/55	26	1	10/9/81	210	-57	61/28/11
Chitta-gong	Sherpur	32	1	19/28/53	26	1	8/11/81	177	-16	64/29/7
	Bandarban	30	1	17/42/41	24	0	46/16/38	177	-55	49/20/31
	Brahamanbaria	33	1	8/30/63	26	1	7/12/81	151	-62	52/26/22
	Chandpur	33	1	15/27/58	26	0	32/23/45	161	2	42/13/46
	Chittagong	32	2	5/30/66	26	0	33/23/45	251	31	39/5/56
	Comilla	33	2	9/27/64	26	1	19/25/56	183	-8	43/14/43
	Cox's Bazar	30	0	38/21/41	25	0	61/12/27	158	-72	49/23/28
	Feni	33	2	6/27/66	25	0	38/22/40	265	19	39/5/56
	Khagrachhari	34	2	3/36/61	26	1	12/24/64	210	-28	44/17/39
	Lakshmipur	33	1	19/26/55	25	0	51/17/32	173	24	39/4/57
Khulna	Noakhali	32	1	13/26/61	26	0	50/18/32	167	28	39/2/59
	Rangamati	33	2	3/39/58	25	1	8/22/71	213	-32	44/18/38
	Bagerhat	32	0	34/23/44	26	0	56/22/22	146	30	39/6/54
	Chuadanga	33	0	34/24/42	26	0	29/37/34	91	-3	40/9/51
	Jessore	33	0	40/23/37	25	0	43/31/26	100	1	39/13/48
	Jhenaidah	33	0	35/25/41	25	0	34/32/33	90	0	40/13/47
	Khulna	32	0	35/23/42	26	0	54/24/22	126	20	39/8/53
	Kushtia	33	0	29/27/44	26	0	24/32/43	86	1	42/11/47
	Magura	33	0	35/22/42	25	0	35/31/34	98	-2	40/18/42
	Meherpur	33	0	34/22/44	26	0	25/38/37	79	-4	41/7/52
Barisal	Narail	33	0	37/24/40	25	0	43/29/28	101	1	40/15/45
	Satkhira	32	0	34/22/44	26	0	55/23/22	112	18	39/7/54
	Barguna	32	1	31/23/46	26	0	59/18/23	223	59	39/3/57
	Barisal	32	1	28/25/48	25	0	50/22/27	132	13	39/9/52
	Bhola	32	1	23/21/56	26	0	57/15/28	176	22	39/1/59
	Jhalokati	32	1	33/23/44	25	0	55/22/23	144	19	39/6/55
Sylhet	Patuakhali	31	1	27/22/51	26	0	57/17/26	221	51	39/2/59
	Pirojpur	32	0	34/24/42	25	0	54/25/22	144	22	39/7/54
	Habiganj	33	1	9/42/50	26	1	4/13/83	221	-42	59/27/14
	Maulvibazar	34	1	6/33/61	26	1	1/16/84	253	-20	65/25/10
	Sunamganj	31	1	13/36/51	25	1	7/11/82	308	-33	60/26/13
	Sylhet	32	1	8/30/62	25	2	2/14/83	368	5	66/25/9

3.6 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)