



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 18 June 2023

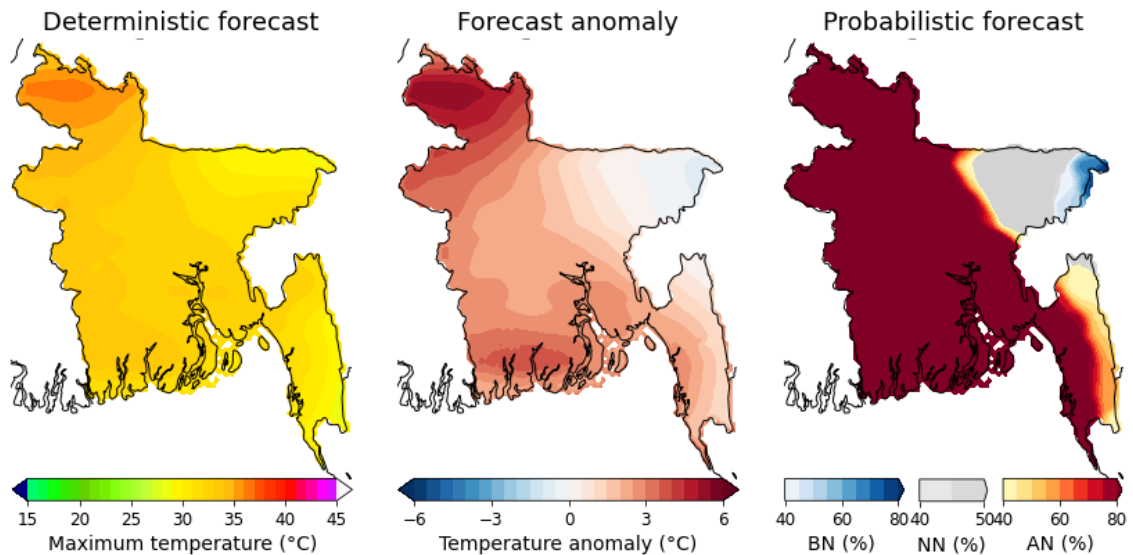
Subject: Experimental Sub-seasonal forecast for Bangladesh during 18.06.2023 to 15.07.2023

1. Weather Forecast for week 1 (Period: 18.06.2023 to 24.06.2023)

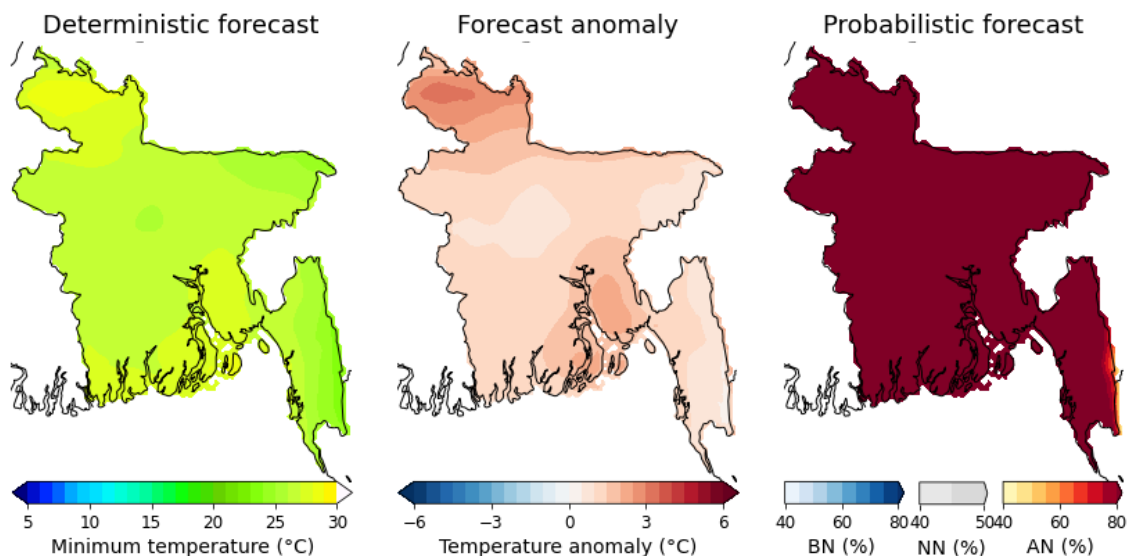
1.1 Significant Information

- Add here the text for significant information.

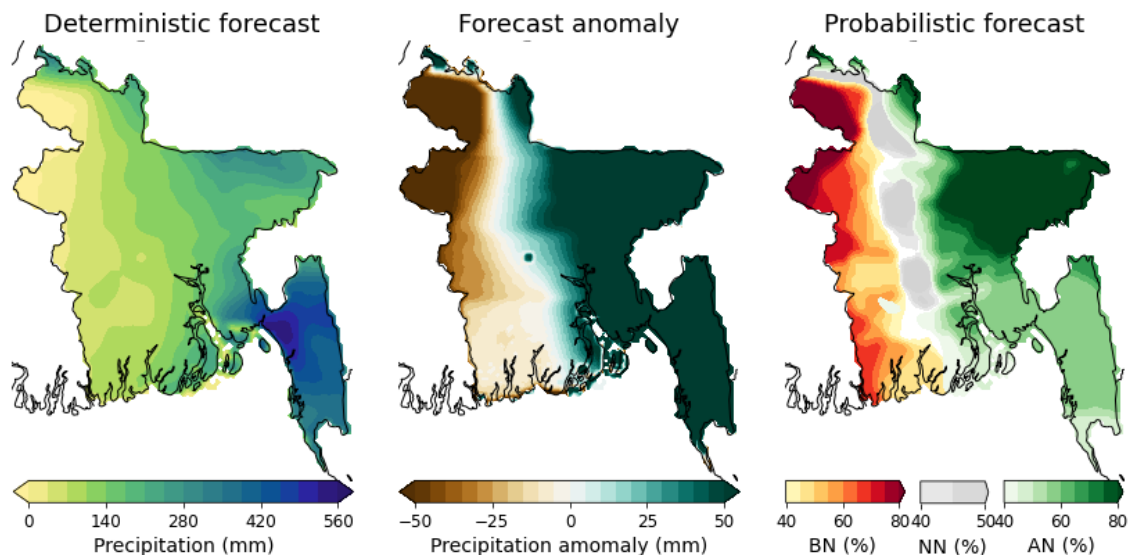
1.2 Maximum Temperature



1.3 Minimum Temperature



1.4 Rainfall



1.5 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	2	0/0/100	27	1	0/0/100	119	34	10/28/62
	Faridpur	33	2	0/0/100	27	1	0/0/100	80	3	21/49/30
	Gazipur	32	2	0/6/94	26	1	0/0/100	136	53	0/26/74
	Gopalganj	33	2	0/0/100	27	1	0/0/100	63	-5	26/44/29
	Kishoreganj	31	1	0/60/40	27	1	0/0/100	184	95	0/4/96
	Madaripur	33	3	0/0/100	27	1	0/0/100	97	11	23/28/49
	Manikganj	33	2	0/0/100	26	1	0/0/100	95	19	19/35/46
	Munshiganj	33	2	0/0/100	27	2	0/0/100	125	38	16/19/64
	Narayanganj	33	2	0/0/100	27	2	0/0/100	144	56	7/24/69
	Narsingdi	32	1	0/11/89	27	1	0/0/100	157	69	0/17/83
	Rajbari	33	2	0/0/100	26	1	0/0/100	69	-2	41/28/30
Shariatpur	33	3	0/0/100	27	2	0/0/100	126	33	23/21/56	
Rajshahi	Bogra	33	3	0/0/100	27	1	0/0/100	84	-7	32/34/34
	Joypurhat	34	4	0/0/100	27	2	0/0/100	47	-39	51/33/17
	Naogaon	34	4	0/0/100	27	1	0/0/100	21	-62	69/18/13
	Natore	33	3	0/0/100	27	1	0/0/100	55	-21	53/21/25
	Nawabganj	34	3	0/0/100	27	1	0/0/100	0	-79	88/11/1
	Pabna	33	2	0/0/100	26	1	0/0/100	71	-2	39/33/28
	Rajshahi	34	3	0/0/100	27	1	0/0/100	18	-58	70/17/13
	Sirajganj	33	2	0/0/100	26	1	0/0/100	97	15	17/54/30
Rangpur	Dinajpur	35	5	0/0/100	28	3	0/0/100	11	-119	83/15/2
	Gaibandha	34	3	0/0/100	27	2	0/0/100	102	8	19/48/34
	Kurigram	35	4	0/0/100	27	2	0/0/100	173	51	4/31/65
	Lalmonirhat	35	4	0/0/100	28	3	0/0/100	142	0	15/46/39
	Nilphamari	36	5	0/0/100	28	3	0/0/100	73	-74	51/42/8
	Panchagarh	35	4	0/0/100	27	2	0/0/100	185	-6	18/44/38
	Rangpur	35	5	0/0/100	28	2	0/0/100	77	-31	32/51/17
	Thakurgaon	36	5	0/0/100	28	3	0/0/100	24	-146	86/13/1
Mymensingh	Jamalpur	33	2	0/0/100	27	1	0/0/100	120	27	12/41/47
	Mymensingh	32	1	0/25/75	26	1	0/0/100	163	75	6/13/81
	Netrakona	30	0	2/73/25	26	1	0/0/100	226	125	4/5/92
	Sherpur	32	2	0/1/99	27	1	0/0/100	136	42	10/35/55
Chittagong	Bandarban	30	2	0/33/67	24	1	3/11/86	383	206	30/13/56
	Brahmanbaria	32	1	0/36/64	27	1	0/0/100	187	91	0/11/89
	Chandpur	33	3	0/0/100	27	2	0/0/100	176	67	23/22/55
	Chittagong	32	2	0/2/98	26	1	0/3/97	454	276	37/4/58
	Comilla	33	2	0/1/99	27	2	0/0/100	239	117	16/20/63
	Cox's Bazar	30	2	0/6/94	26	1	0/1/99	323	120	25/22/53
Feni	32	2	0/0/100	27	2	0/0/100	419	242	39/3/58	

	Khagrachhari	32	1	0/41/59	26	1	0/1/99	413	260	34/7/59
	Lakshmipur	33	3	0/0/100	27	2	0/0/100	214	82	28/14/58
	Noakhali	32	3	0/0/100	28	2	0/0/100	245	108	31/13/56
	Rangamati	31	1	2/44/54	25	1	2/13/86	405	267	33/7/59
Khulna	Bagerhat	33	3	0/0/100	27	1	0/0/100	86	-9	45/22/34
	Chuadanga	34	3	0/0/100	27	1	0/0/100	39	-33	59/22/19
	Jessore	33	3	0/1/99	27	1	0/0/100	66	-19	55/13/33
	Jhenaidah	33	2	0/0/100	27	1	0/0/100	56	-26	51/29/20
	Khulna	33	3	0/1/99	27	1	0/0/100	78	-9	53/16/31
	Kushtia	33	3	0/0/100	26	1	0/0/100	46	-26	62/13/25
	Magura	33	2	0/0/100	27	1	0/0/100	70	-15	49/27/24
	Meherpur	34	3	0/0/100	27	1	0/0/100	29	-40	74/9/17
	Narail	33	2	0/0/100	27	1	0/0/100	59	-11	46/23/31
	Satkhira	33	3	0/2/98	27	1	0/0/100	64	-12	64/9/26
Barisal	Barguna	33	3	0/0/100	27	1	0/0/100	133	-5	47/17/36
	Barisal	33	3	0/0/100	27	2	0/0/100	124	25	27/18/55
	Bhola	32	3	0/0/100	28	2	0/0/100	183	20	33/15/52
	Jhalokati	33	3	0/0/100	27	2	0/0/100	113	6	33/25/42
	Patuakhali	32	3	0/0/100	27	2	0/0/100	168	6	38/19/43
	Pirojpur	33	3	0/0/100	27	1	0/0/100	93	-5	39/24/37
Sylhet	Habiganj	31	0	5/75/20	26	1	0/0/100	172	85	0/1/99
	Maulvibazar	31	0	47/37/16	26	1	0/6/94	168	78	0/7/93
	Sunamganj	30	0	15/69/17	26	1	0/0/100	257	122	0/5/95
	Sylhet	30	0	43/43/14	25	1	0/4/96	237	96	0/10/90

1.6 Guidance

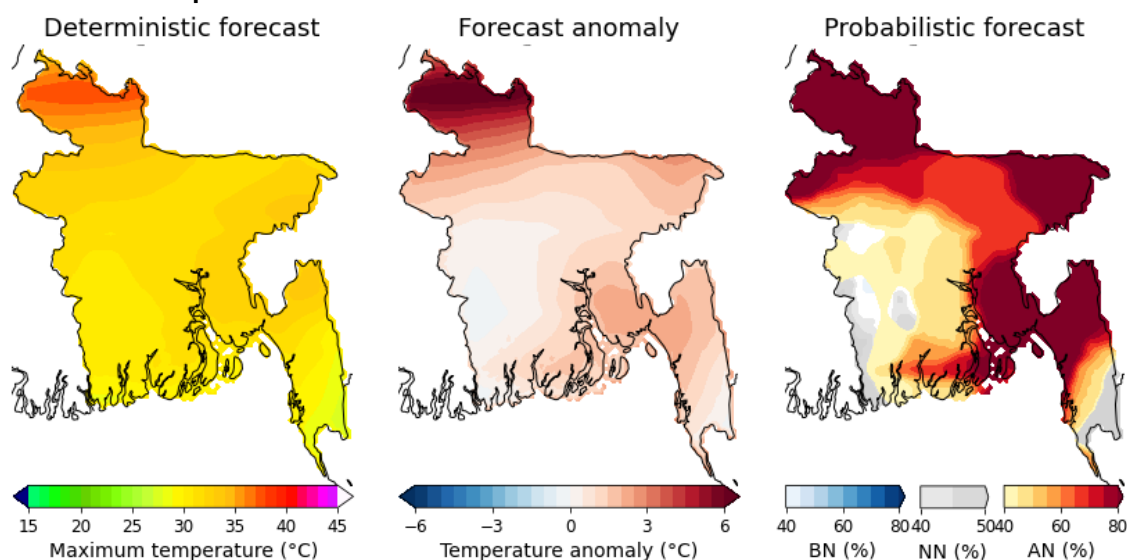
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 25.06.2023 to 01.07.2023)

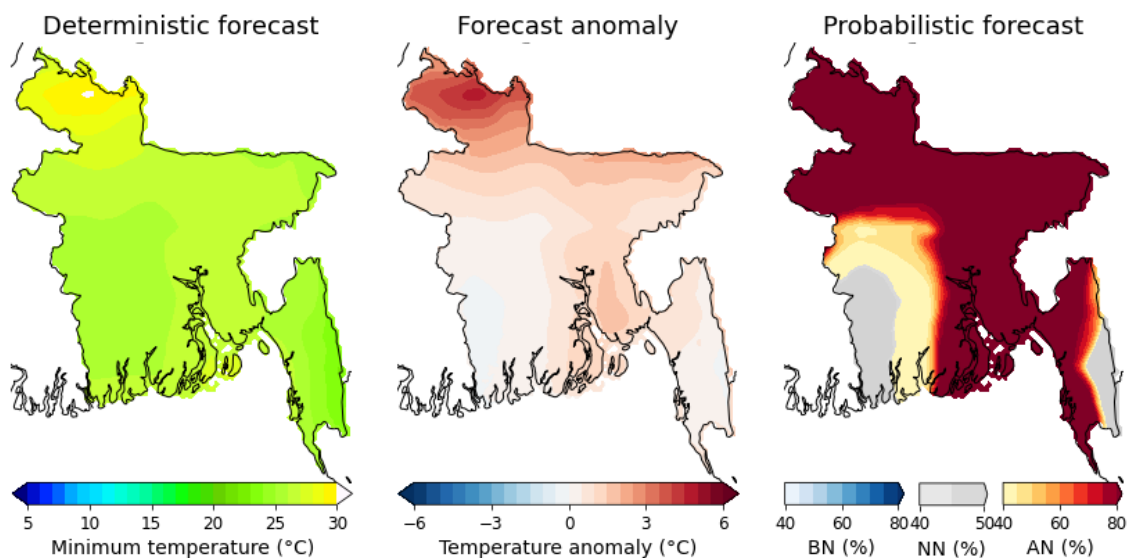
2.1 Significant Information

- Add here the text for significant information.

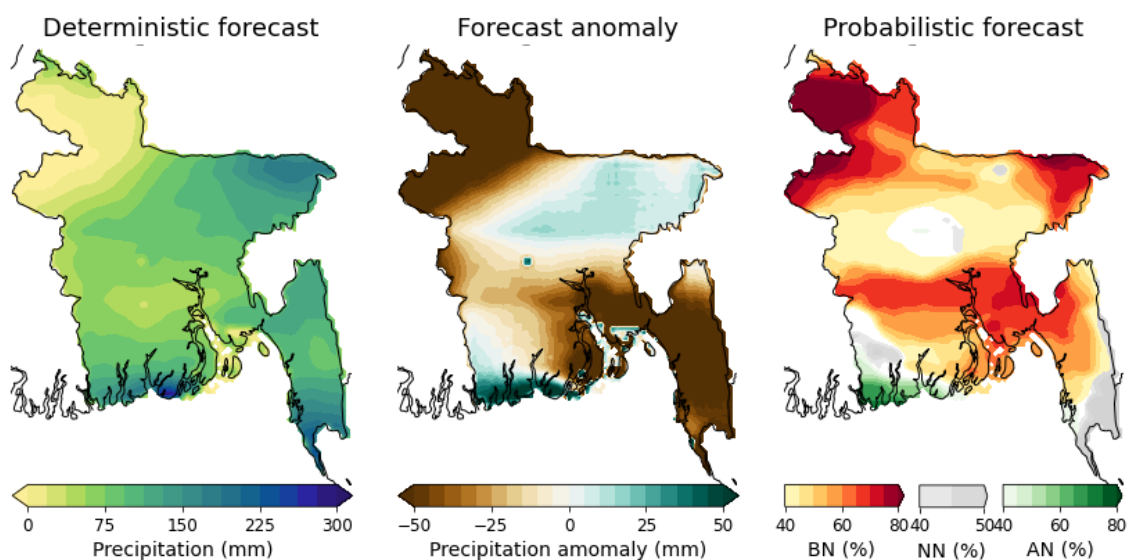
2.2 Maximum Temperature



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	16/34/50	26	1	0/22/78	76	-6	40/29/31
	Faridpur	31	0	27/28/44	26	0	10/45/45	63	-19	55/12/33
	Gazipur	32	1	22/24/55	26	1	0/16/84	88	9	38/40/22
	Gopalganj	31	0	23/31/46	26	0	11/47/42	43	-27	63/3/33
	Kishoreganj	32	1	16/17/67	26	1	0/6/94	105	12	43/40/17
	Madaripur	31	1	10/40/50	26	1	1/35/64	50	-36	66/1/33
	Manikganj	31	1	24/31/45	26	0	4/36/60	76	-3	37/30/33
	Munshiganj	32	1	14/32/54	26	1	0/17/83	62	-22	62/11/27
	Narayanganj	32	1	17/23/60	27	1	0/11/89	75	-12	54/29/17
	Narsingdi	32	1	17/17/66	26	1	0/8/92	89	3	42/41/17
	Rajbari	31	0	33/23/44	26	0	15/41/44	66	-10	42/25/33
Shariatpur	32	1	9/39/52	26	1	0/17/83	49	-42	66/6/27	
Rajshahi	Bogra	33	2	10/20/71	27	1	0/7/93	30	-40	59/20/22
	Joypurhat	33	2	2/19/79	27	2	0/2/98	0	-76	74/14/12
	Naogaon	33	2	3/21/76	27	1	0/5/95	5	-71	71/16/13
	Natore	32	1	19/34/47	26	1	6/21/73	57	-18	45/24/31
	Nawabganj	33	2	2/18/80	26	1	0/8/92	0	-78	76/15/9
	Pabna	31	0	32/26/42	26	0	9/42/49	76	-2	41/25/34

Rangpur	Rajshahi	32	1	10/36/54	26	1	2/11/86	27	-47	51/27/22
	Sirajganj	32	1	21/26/53	26	1	4/22/73	70	-3	43/27/30
	Dinajpur	35	5	0/0/100	29	3	0/0/100	0	-111	85/14/1
	Gaibandha	34	3	0/9/91	27	2	0/0/100	13	-72	62/29/9
	Kurigram	36	5	0/0/100	28	3	0/0/100	17	-93	67/29/5
	Lalmonirhat	37	6	0/0/100	29	4	0/0/100	24	-105	72/27/0
	Nilphamari	37	6	0/0/100	30	4	0/0/100	22	-108	84/16/0
	Panchagarh	36	5	0/0/100	28	3	0/0/100	38	-121	70/30/0
	Rangpur	35	5	0/0/100	29	3	0/0/100	8	-92	70/26/4
Thakurgaon	37	6	0/0/100	29	4	0/0/100	4	-138	96/4/0	
Mymensingh	Jamalpur	33	2	6/19/75	27	1	0/5/95	49	-32	55/27/18
	Mymensingh	32	1	11/22/66	27	1	0/5/95	92	1	48/32/20
	Netrakona	32	1	12/20/68	26	2	0/0/100	110	8	47/38/14
	Sherpur	33	2	4/26/71	27	2	0/1/99	62	-29	50/34/16
Chittagong	Bandarban	29	1	18/48/34	24	0	8/54/38	140	-60	29/48/24
	Brahmanbaria	32	1	17/14/69	26	1	0/8/92	91	-2	46/38/17
	Chandpur	32	2	10/11/79	27	1	0/2/98	56	-55	67/10/23
	Chittagong	31	2	9/14/78	26	1	0/7/92	99	-87	58/18/24
	Comilla	32	2	12/7/82	27	1	0/0/100	75	-35	68/14/18
	Cox's Bazar	29	1	5/46/49	26	0	0/2/98	169	-57	29/35/36
	Feni	32	2	8/8/83	26	1	0/0/100	99	-71	68/11/22
	Khagrachhari	33	2	8/8/83	26	1	0/10/90	117	-49	62/21/17
	Lakshmipur	32	2	0/19/81	27	2	0/0/100	63	-56	67/8/25
Khulna	Noakhali	31	2	3/15/82	27	1	0/0/100	57	-58	64/12/24
	Rangamati	31	2	10/17/73	24	0	7/41/52	104	-55	47/36/17
	Bagerhat	30	1	12/38/50	26	0	10/49/42	98	4	39/24/37
	Chuadanga	31	0	19/40/41	26	0	14/45/41	53	-32	50/17/33
	Jessore	30	0	28/36/36	25	0	22/64/14	59	-15	54/12/33
	Jhenaidah	31	0	32/29/39	25	0	17/53/31	58	-21	58/9/33
	Khulna	30	0	16/42/42	26	0	18/54/28	88	3	34/29/36
	Kushtia	31	0	29/33/38	26	0	11/45/45	61	-16	42/25/33
	Magura	31	0	33/25/42	25	0	17/47/37	58	-18	62/4/33
Barisal	Meherpur	31	0	17/41/42	26	0	8/41/50	42	-40	44/25/31
	Narail	31	0	24/41/35	26	0	17/48/36	48	-21	65/2/33
	Satkhira	30	0	18/49/33	26	0	26/61/13	91	11	22/33/45
	Barguna	30	1	0/39/61	26	1	0/32/68	135	-2	40/32/28
	Barisal	31	1	7/42/52	26	1	0/15/85	63	-37	57/17/26
	Bhola	31	1	0/25/75	27	1	0/0/100	65	-73	56/23/21
	Jhalokati	31	1	7/40/53	26	1	0/25/75	77	-32	50/27/23
	Patuakhali	30	1	0/38/62	27	1	0/3/97	125	-32	46/28/25
	Pirojpur	31	1	7/37/56	26	0	4/49/47	78	-20	50/24/26
Sylhet	Habiganj	33	1	12/13/75	26	1	0/8/92	116	7	46/37/17
	Maulvibazar	33	2	8/8/83	26	1	0/8/92	123	5	62/21/17
	Sunamganj	32	2	8/10/82	26	2	0/0/100	144	3	58/27/16
	Sylhet	32	2	8/8/84	26	2	0/0/100	162	-2	74/10/17

2.6 Guidance

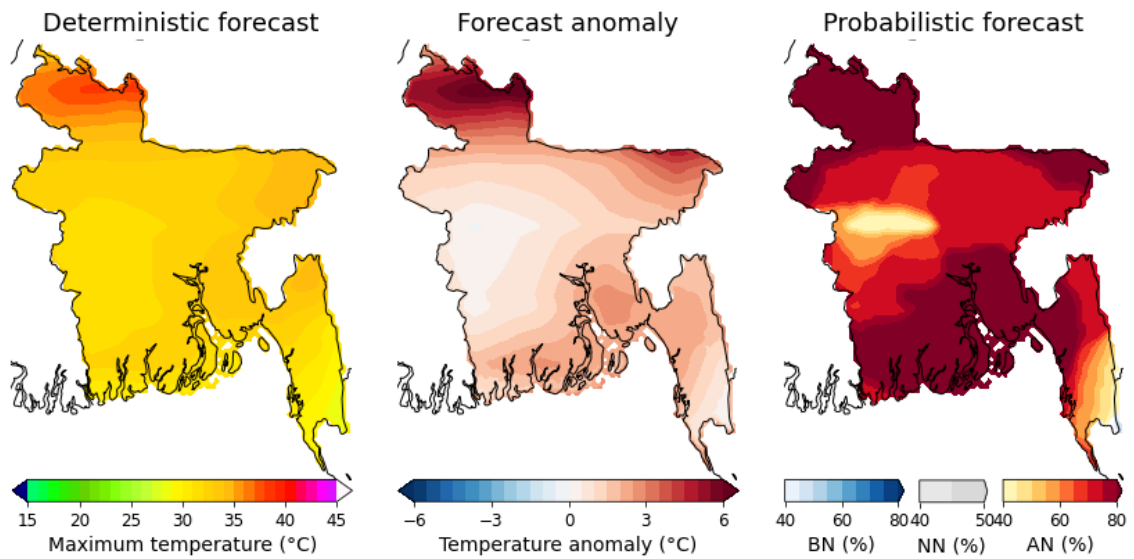
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 02.07.2023 to 15.07.2023)

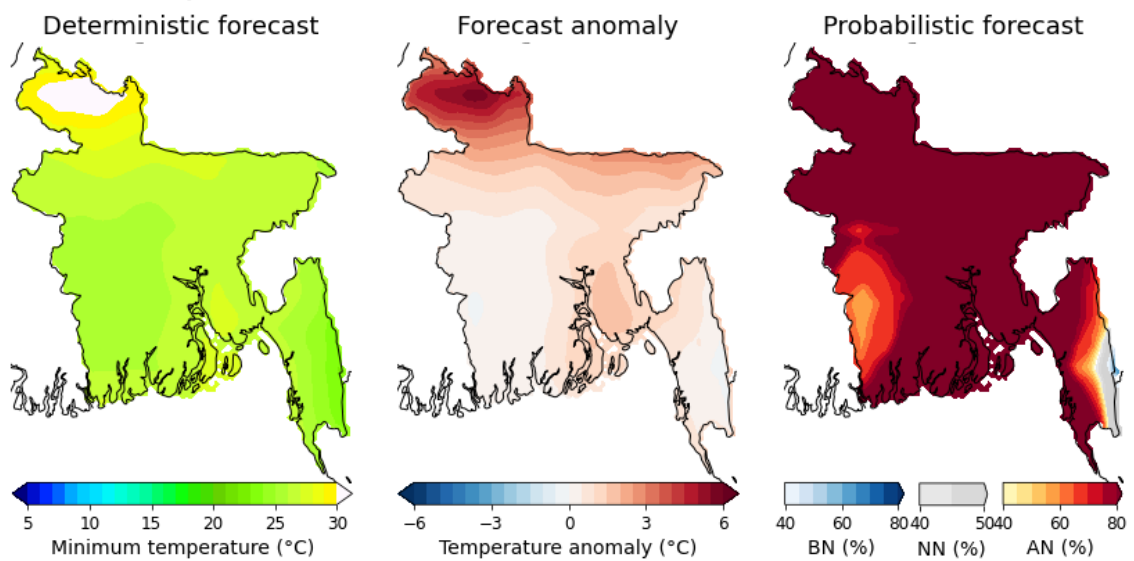
3.2 Significant Information

- Add here the text for significant information.

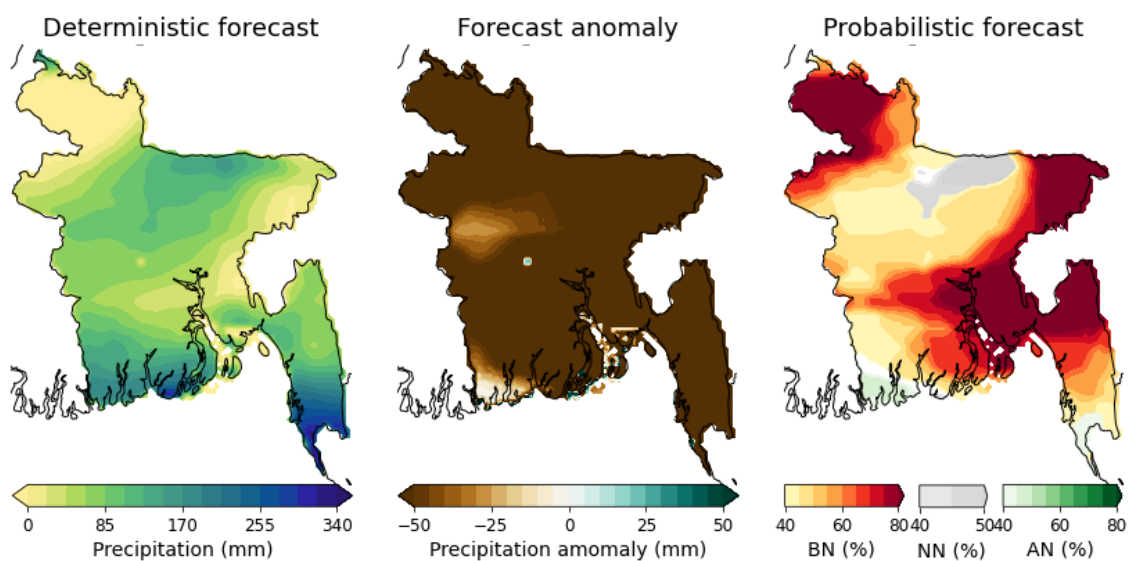
3.2 Maximum Temperature



3.3 Minimum Temperature



3.4 Rainfall



3.5 Forecast information at District level

Division	District	Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
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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

		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	7/18/75	26	1	1/14/84	73	-82	53/43/4
	Faridpur	32	1	11/15/75	26	0	16/2/82	61	-87	63/37/0
	Gazipur	32	1	6/19/75	26	1	0/11/89	87	-66	49/42/9
	Gopalganj	32	1	14/5/81	26	0	17/1/82	41	-102	70/30/0
	Kishoreganj	33	2	0/25/75	27	1	0/1/99	76	-102	51/41/8
	Madaripur	32	1	9/10/82	26	1	10/6/83	35	-132	77/23/0
	Manikganj	32	1	8/25/66	26	0	12/4/83	82	-67	48/48/4
	Munshiganj	33	2	4/10/86	26	1	0/12/88	54	-111	75/25/0
	Narayanganj	33	2	0/18/82	27	1	0/5/95	58	-102	63/33/4
	Narsingdi	33	1	0/25/75	27	1	0/3/97	64	-94	56/35/8
	Rajbari	32	0	12/21/67	26	0	17/3/80	75	-60	50/46/3
	Shariatpur	33	2	4/8/89	26	1	0/14/86	34	-146	85/15/0
Rajshahi	Bogra	33	1	7/20/73	27	1	0/2/98	75	-70	48/35/17
	Joypurhat	33	2	2/20/78	28	2	0/0/100	22	-122	69/21/10
	Naogaon	33	1	5/16/79	27	1	0/1/99	26	-106	63/25/12
	Natore	32	0	15/27/59	26	1	5/10/85	83	-41	42/28/30
	Nawabganj	32	1	8/8/84	26	1	0/4/96	25	-88	66/24/10
	Pabna	32	0	15/35/50	26	0	16/5/79	88	-39	46/29/25
	Rajshahi	32	1	9/21/70	26	1	2/10/88	60	-61	47/27/25
	Sirajganj	32	1	14/29/57	26	1	5/9/87	94	-46	42/35/23
Rangpur	Dinajpur	36	4	0/1/99	29	4	0/0/100	0	-273	88/12/0
	Gaibandha	34	3	0/13/87	28	3	0/0/100	34	-129	61/26/13
	Kurigram	36	5	0/0/100	29	4	0/0/100	8	-218	59/31/10
	Lalmonirhat	37	6	0/0/100	30	5	0/0/100	5	-286	77/16/7
	Nilphamari	37	6	0/0/100	31	5	0/0/100	0	-306	89/6/5
	Panchagarh	36	4	0/0/100	29	4	0/0/100	37	-274	69/19/13
	Rangpur	36	4	0/1/99	30	4	0/0/100	0	-246	77/22/0
	Thakurgaon	37	5	0/0/100	30	4	0/0/100	0	-367	90/5/6
Mymen- singh	Jamalpur	33	2	2/26/72	27	2	0/1/99	96	-69	41/39/20
	Mymen- singh	33	1	3/23/75	27	1	0/3/97	113	-73	40/45/15
	Netrakona	33	2	0/25/75	27	2	0/0/100	121	-87	35/52/12
	Sherpur	33	2	0/26/74	27	2	0/0/100	115	-70	40/36/24
Chitta- gong	Bandarban	29	1	24/25/52	24	0	19/33/48	209	-100	49/29/22
	Brahamanba ria	33	2	0/24/76	26	1	0/2/98	34	-135	71/21/8
	Chandpur	33	2	0/8/92	27	2	0/0/100	27	-172	91/9/0
	Chittagong	32	2	0/18/82	26	1	5/10/86	107	-182	71/28/2
	Comilla	33	2	0/9/91	27	1	0/0/100	19	-178	89/10/1
	Cox's Bazar	30	1	6/30/64	26	1	0/10/90	256	-95	44/20/37
	Feni	33	2	0/8/92	26	1	0/0/100	62	-217	98/2/0
	Khagrachha ri	34	2	0/19/81	26	1	0/10/90	67	-191	99/1/0
	Lakshmipur	33	2	0/8/92	27	2	0/0/100	53	-155	90/10/0
	Noakhali	32	2	0/9/91	27	1	0/0/100	59	-149	86/14/0
	Rangamati	32	2	4/26/70	25	0	17/25/59	74	-190	79/19/1
Khulna	Bagerhat	32	2	12/5/83	26	0	17/0/83	126	-70	46/37/17
	Chuadanga	32	0	17/18/65	26	0	17/13/70	74	-63	50/41/9
	Jessore	32	0	17/10/73	26	0	17/21/62	71	-88	54/41/4
	Jhenaidah	32	0	17/18/66	26	0	17/17/67	75	-67	48/48/4
	Khulna	32	1	16/3/81	26	0	17/8/75	127	-63	41/40/19
	Kushtia	32	0	18/25/57	26	0	17/8/75	82	-40	49/27/24
	Magura	32	1	17/9/74	26	0	17/13/70	67	-83	58/42/0
	Meherpur	32	1	17/16/68	26	0	17/0/83	69	-64	52/33/15
	Narail	32	1	17/7/76	26	0	17/11/73	51	-101	65/35/0
	Satkhira	32	1	17/3/80	26	0	17/15/68	134	-42	37/33/30
Barisal	Barguna	32	2	8/9/83	26	1	9/7/85	178	-80	53/32/15
	Barisal	32	2	5/10/85	26	1	3/7/90	58	-127	70/30/0
	Bhola	32	2	0/13/87	27	1	0/0/100	97	-183	71/29/0
	Jhalokati	32	2	8/8/83	26	1	7/9/84	90	-118	66/33/1
	Patuakhali	32	2	4/12/84	27	1	1/5/95	169	-128	59/33/8
	Pirojpur	32	2	8/8/83	26	0	16/1/83	100	-98	59/37/4
Sylhet	Habiganj	34	2	0/25/75	26	1	0/4/96	30	-148	74/20/5
	Maulvibazar	35	2	0/24/76	26	1	0/6/94	6	-184	94/6/0
	Sunamganj	33	3	0/23/77	27	2	0/0/100	95	-163	59/36/4

	Sylhet	34	4	0/17/83	26	2	0/2/98	32	-246	94/5/1
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3.6 Guidance

- Add here the text for guidance.

Forecast legend

Rainfall category	Amounts of rainfall
<ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 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)
<ul style="list-style-type: none"> • Anomaly 	The difference between the deterministic value and the climatology (Climatology = Deterministic - Anomaly)