



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 16 June 2023

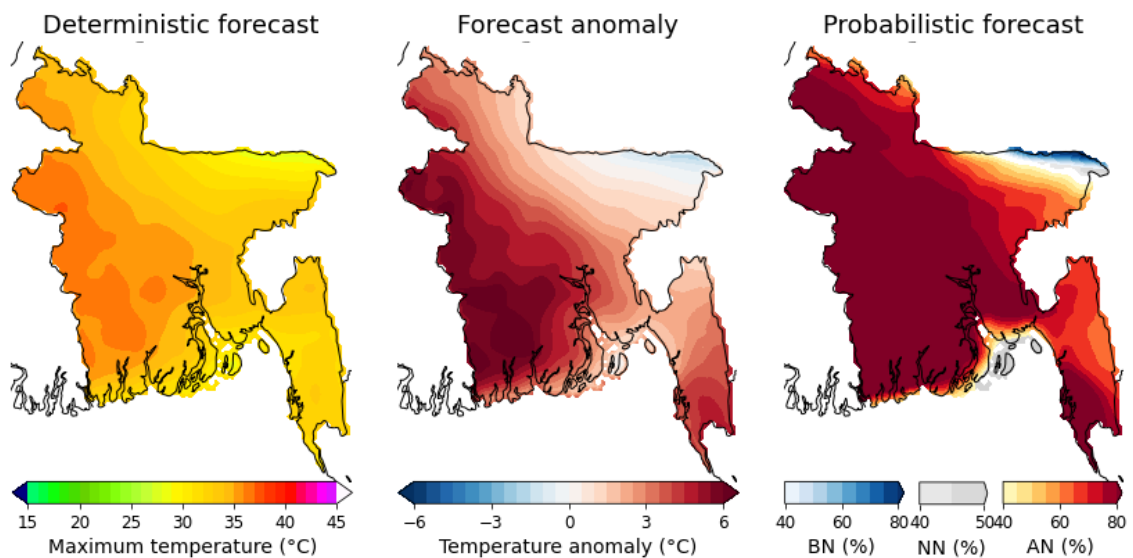
Subject: Experimental Sub-seasonal forecast for Bangladesh during 16.06.2023 to 13.07.2023

1. Weather Forecast for week 1 (Period: 16.06.2023 to 22.06.2023)

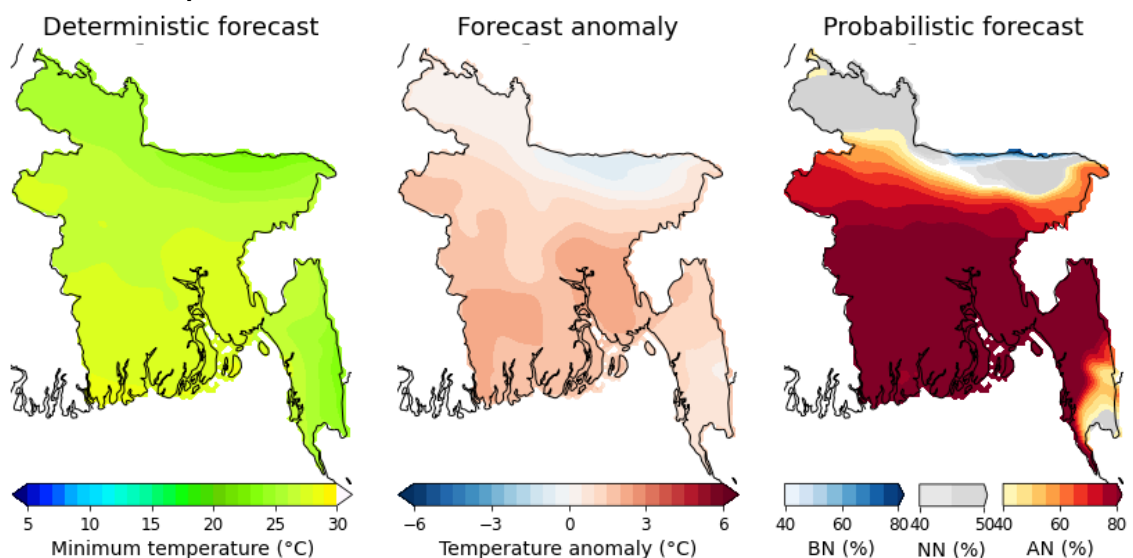
1.1 Significant Information

- Add here the text for significant information.

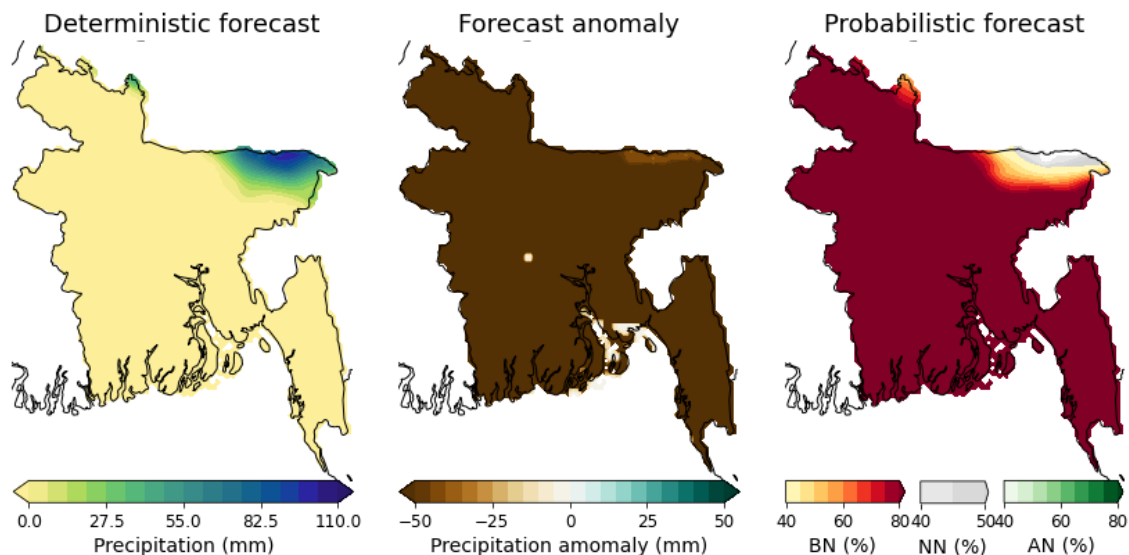
1.2 Maximum Temperature



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	35	5	1/9/90	27	2	2/14/84	0	-115	100/0/0
	Faridpur	36	5	0/1/99	27	1	2/12/86	0	-68	99/1/0
	Gazipur	34	3	5/13/83	27	2	4/14/81	0	-110	100/0/0
	Gopalganj	36	6	0/0/100	27	2	1/8/91	0	-86	100/0/0
	Kishoreganj	33	2	18/9/74	26	1	14/13/73	0	-91	96/4/0
	Madaripur	36	5	0/3/97	27	2	2/10/88	0	-127	100/0/0
	Manikganj	35	5	0/6/93	27	1	1/13/85	0	-81	100/0/0
	Munshiganj	35	5	0/10/89	27	2	2/13/85	0	-118	100/0/0
	Narayanganj	35	4	2/13/85	28	2	1/15/84	0	-123	100/0/0
	Narsingdi	34	3	7/14/79	27	2	4/15/81	0	-102	99/1/0
	Rajbari	36	5	0/1/99	27	1	2/13/85	0	-61	100/0/0
Shariatpur	35	5	0/9/91	27	2	1/11/87	0	-126	100/0/0	
Rajshahi	Bogra	35	3	9/9/82	27	1	22/11/67	0	-104	99/1/0
	Joypurhat	35	4	11/8/82	26	1	25/15/60	0	-128	99/1/0
	Naogaon	36	5	4/10/85	27	1	23/8/69	0	-138	99/1/0
	Natore	36	5	1/6/93	27	1	13/11/77	0	-106	100/0/0
	Nawabganj	36	6	0/7/93	27	2	22/5/73	0	-123	100/0/0
	Pabna	36	5	0/4/96	27	2	4/14/82	0	-92	99/1/0
	Rajshahi	37	6	0/4/96	27	2	16/8/75	0	-117	100/0/0
	Sirajganj	35	4	3/11/86	27	1	11/13/76	0	-99	98/2/0
Rangpur	Dinajpur	35	4	8/8/84	26	0	11/58/31	0	-168	100/0/0
	Gaibandha	33	2	13/8/80	26	0	17/36/47	0	-126	98/2/0
	Kurigram	33	1	18/12/70	25	0	2/77/21	4	-132	79/21/0
	Lalmonirhat	34	2	14/17/69	25	0	0/84/15	0	-165	86/14/0
	Nilphamari	34	3	12/11/77	26	0	1/81/18	0	-165	96/4/0
	Panchagarh	34	3	8/17/74	25	0	0/66/34	0	-169	97/3/0
	Rangpur	34	2	12/9/79	26	0	8/62/30	0	-181	97/3/0
	Thakurgaon	35	4	6/8/86	26	0	4/74/22	0	-150	100/0/0
Mymensingh	Jamalpur	33	2	15/6/79	26	0	24/27/50	0	-102	98/2/0
	Mymensingh	32	2	18/7/75	26	0	23/25/52	0	-96	94/6/0
	Netrakona	31	1	21/19/60	24	0	33/40/28	3	-83	73/26/1
	Sherpur	32	1	18/7/76	25	0	29/41/30	0	-99	98/2/0
Chittagong	Bandarban	33	4	3/20/76	25	1	2/47/51	0	-221	100/0/0
	Brahmanbaria	34	2	9/16/74	27	2	5/15/81	0	-99	99/1/0
	Chandpur	35	4	2/12/85	28	2	1/10/89	0	-128	100/0/0
	Chittagong	32	2	3/27/70	26	1	1/9/90	0	-193	100/0/0
	Comilla	34	3	5/14/81	27	2	2/10/88	0	-129	100/0/0
	Cox's Bazar	32	4	0/9/91	26	1	0/26/74	0	-246	100/0/0
Feni	33	2	4/17/79	27	2	1/5/94	0	-224	100/0/0	

	Khagrachhari	33	2	8/22/70	26	1	0/5/95	0	-160	100/0/0
	Lakshmipur	33	3	2/25/74	27	2	1/7/92	0	-142	100/0/0
	Noakhali	32	2	3/38/59	27	2	1/6/94	0	-125	100/0/0
	Rangamati	33	3	11/24/65	25	1	2/14/84	0	-167	100/0/0
Khulna	Bagerhat	35	5	0/5/94	28	2	0/13/87	0	-121	100/0/0
	Chuadanga	37	6	0/0/100	27	2	4/12/84	0	-89	100/0/0
	Jessore	36	6	0/0/100	28	2	2/10/88	0	-86	100/0/0
	Jhenaidah	36	5	0/0/100	27	2	3/11/86	0	-83	100/0/0
	Khulna	36	6	0/2/98	28	2	0/10/90	0	-113	100/0/0
	Kushtia	36	6	0/0/100	27	2	4/12/84	0	-91	100/0/0
	Magura	36	6	0/0/100	27	2	1/13/86	0	-73	99/1/0
	Meherpur	37	6	0/0/100	27	2	5/13/83	0	-87	100/0/0
	Narail	36	6	0/0/100	28	2	2/11/88	0	-81	100/0/0
	Satkhira	35	5	0/3/97	28	2	1/10/89	0	-106	100/0/0
Barisal	Barguna	33	4	0/10/90	28	2	0/13/87	0	-174	100/0/0
	Barisal	34	4	0/5/95	27	2	0/7/93	0	-132	100/0/0
	Bhola	31	2	0/40/60	27	2	0/5/95	0	-199	100/0/0
	Jhalokati	35	5	0/3/97	27	2	0/9/91	0	-146	100/0/0
	Patuakhali	32	3	0/22/78	28	2	0/10/90	0	-193	100/0/0
	Pirojpur	35	5	0/2/98	27	2	0/11/89	0	-127	100/0/0
Sylhet	Habiganj	33	1	19/13/68	26	1	11/25/64	2	-76	94/6/0
	Maulvibazar	33	1	27/16/57	26	1	8/29/63	8	-70	91/9/0
	Sunamganj	30	0	30/29/40	24	0	30/54/16	49	-58	48/45/7
	Sylhet	30	-1	42/32/26	24	0	20/40/40	58	-69	47/45/8

1.6 Guidance

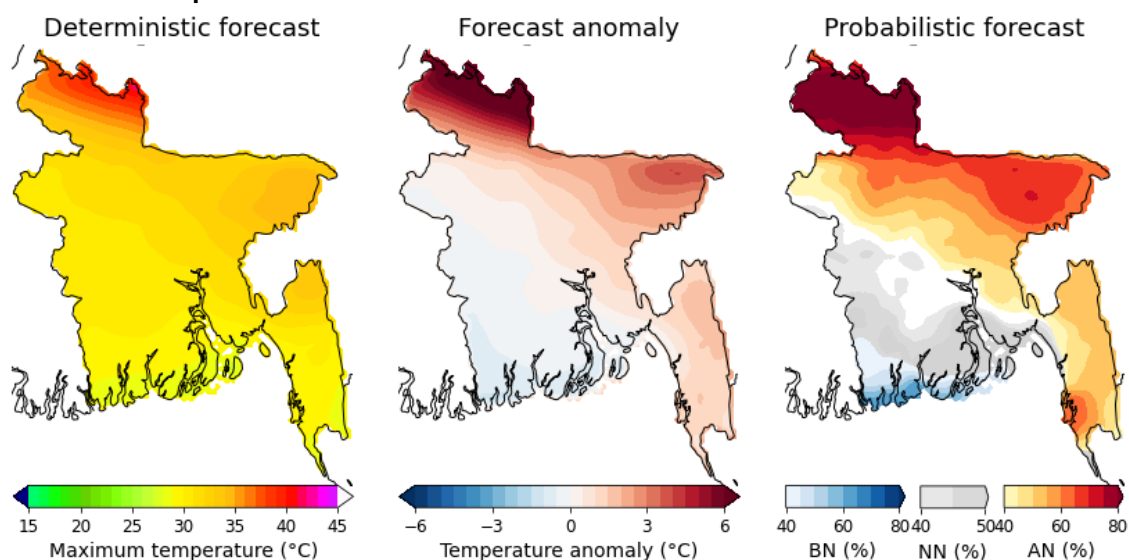
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 23.06.2023 to 29.06.2023)

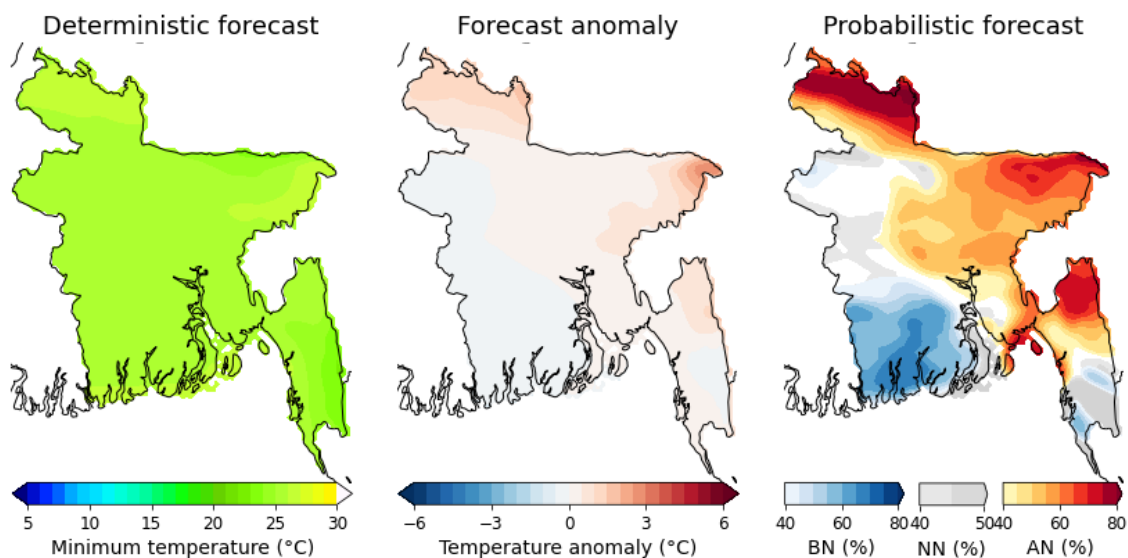
2.1 Significant Information

- Add here the text for significant information.

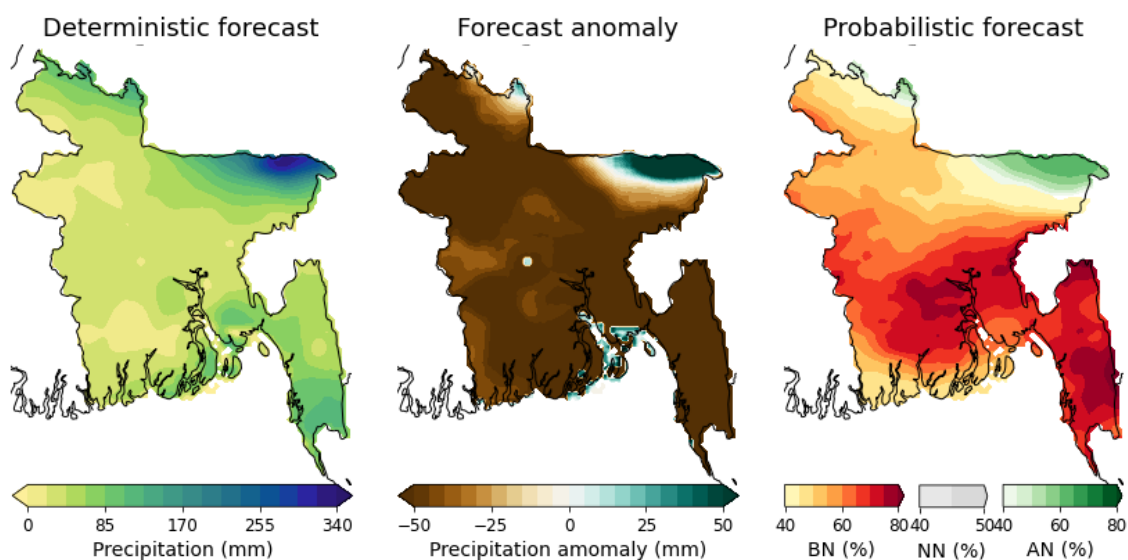
2.2 Maximum Temperature



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	31	1	26/28/46	26	0	16/31/53	33	-54	68/28/5
	Faridpur	30	0	31/38/31	25	0	33/33/33	31	-51	71/26/3
	Gazipur	32	1	24/25/51	26	0	11/37/52	34	-52	61/32/7
	Gopalganj	30	0	32/35/33	25	0	56/29/15	29	-46	75/21/4
	Kishoreganj	33	2	21/17/62	26	0	10/33/57	49	-53	52/35/13
	Madaripur	30	0	32/35/33	25	0	41/34/25	46	-50	75/20/4
	Manikganj	31	0	29/33/38	25	0	17/29/53	29	-50	63/33/4
	Munshiganj	31	0	32/31/38	26	0	21/29/50	35	-53	73/22/5
	Narayanganj	31	1	29/23/48	26	0	15/31/54	29	-60	72/23/5
	Narsingdi	32	1	26/21/53	26	0	9/35/56	28	-57	66/28/7
	Rajbari	31	0	32/40/28	25	0	26/34/41	29	-45	62/35/3
Shariatpur	30	0	33/37/29	25	0	28/34/38	39	-54	75/19/5	
Rajshahi	Bogra	32	1	23/17/60	25	0	29/36/35	21	-71	54/35/11
	Joypurhat	32	1	21/17/62	25	0	27/43/30	23	-64	54/36/9
	Naogaon	31	0	24/25/51	25	0	35/38/27	20	-58	55/39/6
	Natore	31	0	25/27/48	25	0	26/37/36	26	-57	60/34/6
	Nawabganj	31	0	26/33/41	25	0	38/36/26	16	-57	57/42/1
	Pabna	31	0	28/33/39	25	0	21/37/42	28	-51	60/36/4

Rangpur	Rajshahi	31	0	28/34/38	25	0	29/38/33	14	-63	59/39/3
	Sirajganj	31	0	26/24/50	25	0	22/32/46	24	-53	56/37/7
	Dinajpur	34	3	11/11/79	26	1	5/44/51	29	-73	54/36/11
	Gaibandha	33	3	16/13/71	26	0	10/36/54	34	-57	51/36/13
	Kurigram	38	7	8/8/84	26	1	0/24/76	77	-22	44/21/36
	Lalmonirhat	38	7	4/12/84	26	1	0/25/75	89	-26	42/21/37
	Nilphamari	38	6	5/11/85	26	1	0/24/76	76	-50	44/28/28
	Panchagarh	37	6	3/18/79	26	1	0/29/71	80	-65	45/28/27
	Rangpur	35	4	11/8/81	26	1	2/33/65	44	-49	48/32/20
Mymensingh	Thakurgaon	35	4	4/11/84	26	1	1/33/67	43	-72	53/35/12
	Jamalpur	32	2	22/14/64	25	0	18/39/43	38	-61	52/37/11
	Mymensingh	32	2	22/18/60	25	0	17/30/53	57	-59	47/34/19
	Netrakona	33	2	22/12/66	25	0	18/23/59	100	-25	41/21/38
Chittagong	Sherpur	33	2	21/13/66	25	0	14/37/48	52	-63	50/37/13
	Bandarban	29	1	14/35/51	24	0	35/47/18	96	-97	75/25/0
	Brahamanbaria	32	1	23/23/54	26	1	8/36/56	27	-65	68/24/8
	Chandpur	31	1	29/30/41	25	0	27/31/42	28	-63	73/22/5
	Chittagong	30	1	18/41/41	25	0	23/32/45	65	-110	71/26/3
	Comilla	32	1	26/27/47	25	0	20/28/51	36	-71	73/22/5
	Cox's Bazar	29	1	11/34/55	25	0	38/45/17	90	-124	70/30/0
	Feni	31	1	26/34/40	25	0	18/21/61	68	-88	68/26/6
	Khagrachhari	32	1	16/33/51	25	1	11/22/67	55	-99	73/22/5
	Lakshmipur	30	0	31/47/22	25	0	24/38/38	60	-52	66/28/5
Khulna	Noakhali	29	0	32/45/24	26	0	20/29/51	66	-53	62/33/5
	Rangamati	31	2	14/34/52	25	1	13/32/55	49	-112	73/23/4
	Bagerhat	29	0	42/42/17	25	0	65/19/16	26	-57	62/34/4
	Chuadanga	31	0	28/44/28	25	0	35/39/27	29	-42	67/29/4
	Jessore	30	0	32/47/22	25	0	52/33/15	31	-56	67/26/7
	Jhenaidah	30	0	31/42/27	25	0	38/39/23	30	-46	65/29/6
	Khulna	30	-1	39/45/16	25	0	61/24/16	22	-59	61/34/5
	Kushtia	31	0	29/42/29	25	0	23/41/36	32	-44	64/32/4
	Magura	30	0	32/38/30	25	0	40/40/19	30	-53	66/28/6
	Meherpur	31	0	26/44/30	25	0	28/41/31	27	-41	66/29/5
Barisal	Narail	30	0	31/40/29	25	0	51/34/15	18	-55	70/25/5
	Satkhira	29	-1	44/43/13	26	0	58/26/15	26	-44	54/41/5
	Barguna	29	0	40/50/10	26	0	59/23/18	47	-70	57/40/2
	Barisal	30	0	34/51/16	25	0	48/32/19	28	-60	73/22/5
	Bhola	29	-1	36/56/8	26	0	28/48/24	64	-73	58/40/2
	Jhalokati	30	0	31/50/19	25	0	58/24/17	18	-76	72/24/4
	Patuakhali	29	-1	40/50/10	26	0	47/34/19	54	-84	57/41/2
	Pirojpur	30	0	32/48/20	25	0	63/21/17	23	-67	70/26/4
Sylhet	Habiganj	34	2	18/15/66	26	0	7/35/58	52	-49	53/31/16
	Maulvibazar	34	2	17/19/64	26	1	5/36/59	63	-46	45/31/23
	Sunamganj	33	3	21/12/67	25	0	13/21/66	179	32	40/8/53
	Sylhet	34	3	19/17/64	26	2	7/26/67	216	58	39/3/58

2.6 Guidance

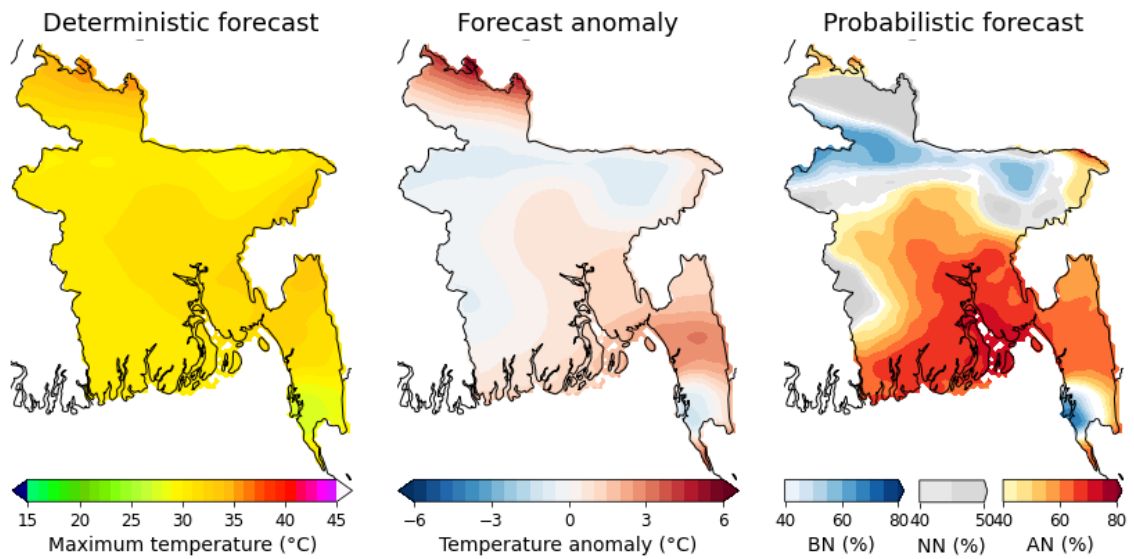
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 30.06.2023 to 13.07.2023)

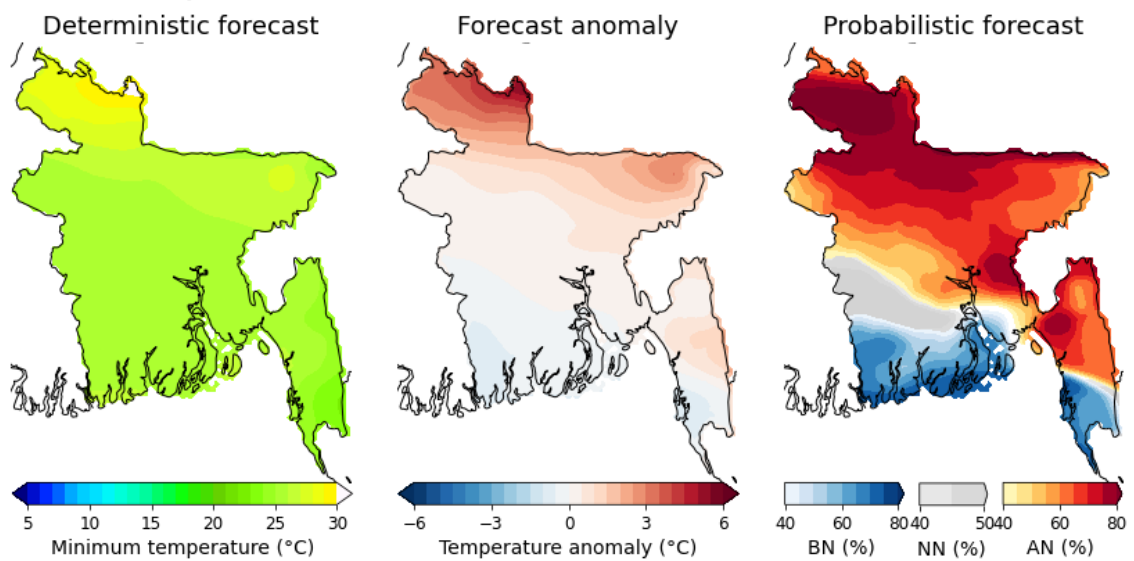
3.2 Significant Information

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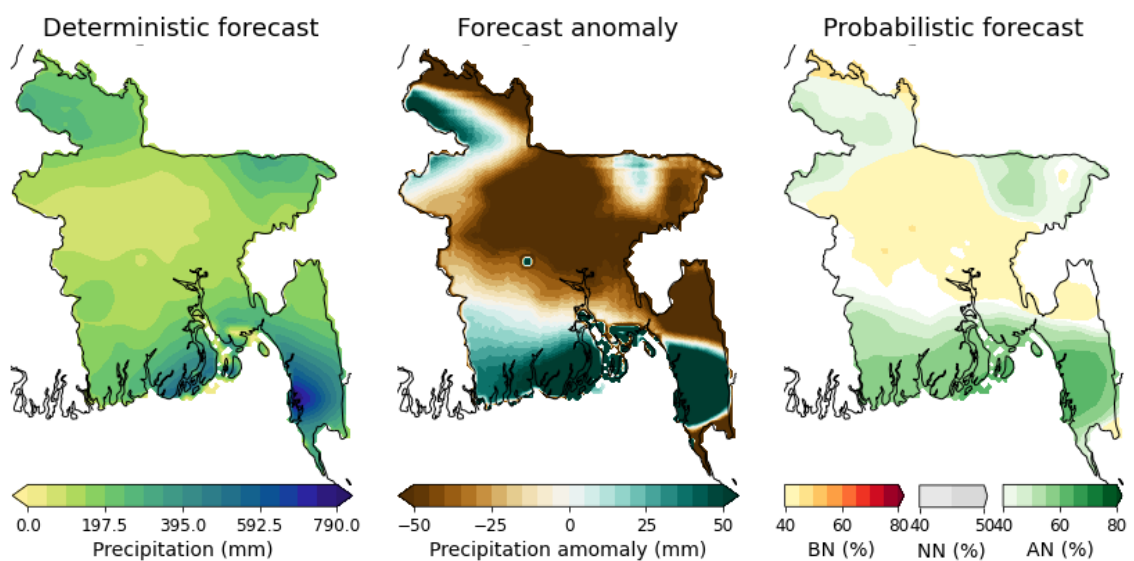
3.2 Maximum Temperature



3.3 Minimum Temperature



3.4 Rainfall



3.5 Forecast information at District level

Division	District	Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
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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	31	1	15/25/60	26	0	13/25/62	98	-61	41/39/20
	Faridpur	31	0	19/21/60	25	0	19/29/51	119	-31	39/34/27
	Gazipur	31	1	17/29/54	26	0	11/21/69	95	-61	41/36/22
	Gopalganj	31	0	21/19/60	25	0	22/42/36	119	-13	39/24/36
	Kishoreganj	31	0	26/45/29	26	1	11/21/68	119	-46	40/21/39
	Madaripur	31	1	18/16/66	25	0	20/26/53	135	-28	40/27/34
	Manikganj	31	1	15/24/60	25	0	16/28/56	95	-56	41/40/19
	Munshiganj	32	1	15/19/66	26	0	15/24/61	114	-47	40/36/24
	Narayanganj	32	1	14/24/63	26	0	12/21/67	108	-57	41/37/23
	Narsingdi	31	1	16/30/54	26	1	9/22/69	103	-59	40/34/26
	Rajbari	31	0	20/23/57	25	0	19/29/52	99	-37	42/35/24
	Shariatpur	31	1	18/14/68	25	0	20/24/56	140	-30	40/27/33
Rajshahi	Bogra	30	0	41/37/22	26	1	15/10/75	106	-48	41/29/30
	Joypurhat	30	-1	57/26/17	26	1	15/8/77	145	-4	40/18/41
	Naogaon	30	-1	48/32/20	26	1	18/9/73	126	-4	41/17/42
	Natore	31	0	26/37/37	26	0	16/17/67	81	-41	41/34/24
	Nawabganj	30	-1	45/35/20	25	0	19/25/56	112	-1	40/16/44
	Pabna	31	0	21/28/51	26	0	17/23/60	74	-56	42/38/19
	Rajshahi	30	0	27/43/30	26	0	16/23/62	89	-25	41/26/34
	Sirajganj	31	0	20/32/48	26	0	14/17/69	78	-72	43/35/22
Rangpur	Dinajpur	31	1	39/35/26	28	3	4/15/81	248	31	41/14/45
	Gaibandha	31	0	50/28/22	27	2	8/14/78	176	-10	41/17/42
	Kurigram	33	2	6/66/28	29	4	0/25/75	192	-62	43/17/40
	Lalmonirhat	34	3	3/63/34	29	4	0/24/76	209	-80	44/17/39
	Nilphamari	34	3	5/62/33	29	4	0/22/78	231	-47	43/15/42
	Panchagarh	34	3	4/51/45	28	3	0/33/67	197	-112	45/18/37
	Rangpur	32	1	25/49/27	28	3	2/17/81	234	-3	42/13/45
	Thakurgaon	33	2	16/53/31	28	3	1/19/80	269	14	42/11/46
Mymen- singh	Jamalpur	30	0	42/34/24	26	1	12/11/77	109	-59	42/28/30
	Mymen- singh	31	0	28/35/37	26	1	13/13/74	96	-75	43/30/27
	Netrakona	30	-1	44/37/19	26	2	14/12/75	144	-38	40/14/46
	Sherpur	30	0	47/33/20	26	1	12/10/78	109	-62	43/25/32
Chitta- gong	Bandarban	29	1	27/27/46	24	0	46/27/27	446	92	39/5/56
	Brahamanba ria	32	1	16/33/51	26	1	8/22/70	115	-58	41/29/29
	Chandpur	32	1	17/16/67	25	0	17/20/62	155	-39	40/28/32
	Chittagong	32	2	17/21/62	26	0	25/16/58	405	73	39/4/57
	Comilla	32	1	15/20/65	25	0	14/14/72	156	-46	41/29/30
	Cox's Bazar	28	0	49/27/24	25	-1	67/17/16	500	86	39/5/56
	Feni	32	2	16/19/66	25	0	19/26/55	252	-47	40/20/40
	Khagrachha ri	33	2	16/24/60	25	0	10/21/69	193	-92	40/29/30
	Lakshmipur	31	1	20/9/71	25	0	46/28/26	219	-10	39/11/49
	Noakhali	31	2	20/10/69	25	0	40/28/32	225	-1	39/7/53
	Rangamati	32	2	20/20/60	25	1	19/17/64	234	-58	40/17/43
Khulna	Bagerhat	30	1	21/14/65	25	0	55/33/12	204	28	39/7/54
	Chuadanga	31	0	23/42/36	25	0	19/49/32	117	-22	39/29/32
	Jessore	31	0	27/44/29	25	0	30/60/10	158	0	39/15/45
	Jhenaidah	31	0	24/37/39	25	0	22/51/28	132	-23	40/27/33
	Khulna	30	0	23/20/57	25	0	57/34/10	183	24	39/8/53
	Kushtia	31	0	23/28/49	26	0	18/29/53	82	-41	41/36/23
	Magura	31	0	24/25/51	25	0	20/43/38	135	-24	40/27/33
	Meherpur	31	0	23/37/40	26	0	16/41/43	98	-30	39/33/28
	Narail	31	0	24/25/50	25	0	24/56/20	127	-6	39/22/39
	Satkhira	30	0	23/23/54	25	-1	64/28/8	171	21	39/6/55
Barisal	Barguna	30	1	21/11/68	25	0	66/19/15	350	74	39/2/59
	Barisal	31	1	21/11/68	25	0	38/41/22	203	8	39/12/48
	Bhola	31	1	22/8/70	26	0	67/16/17	346	42	39/2/59
	Jhalokati	31	1	21/11/68	25	0	48/37/15	239	25	39/7/54
	Patuakhali	30	1	22/11/67	25	0	65/18/16	395	78	39/1/59
	Pirojpur	31	1	21/13/67	25	0	48/38/14	212	25	39/9/52
Sylhet	Habiganj	31	0	32/41/27	27	1	7/29/64	160	-39	40/17/43
	Maulvibazar	32	0	22/38/40	26	1	6/34/61	158	-50	39/17/44
	Sunamganj	29	-1	47/36/17	26	2	12/17/71	247	-4	39/12/49

	Sylhet	31	0	27/32/41	26	2	7/27/66	240	-45	39/19/42
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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: <ul style="list-style-type: none"> 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)