



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 17 June 2023

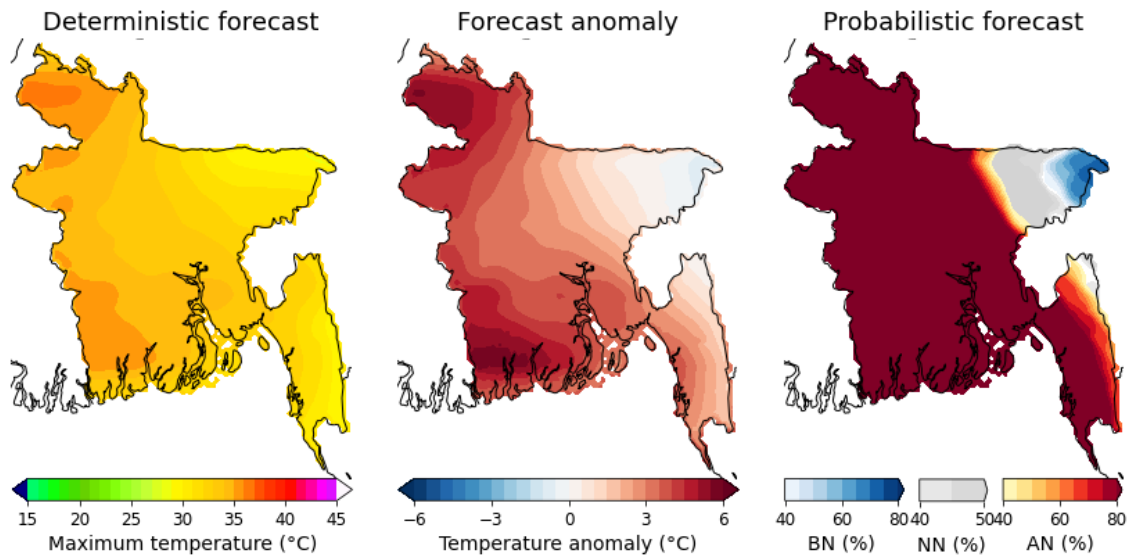
Subject: Experimental Sub-seasonal forecast for Bangladesh during 17.06.2023 to 14.07.2023

1. Weather Forecast for week 1 (Period: 17.06.2023 to 23.06.2023)

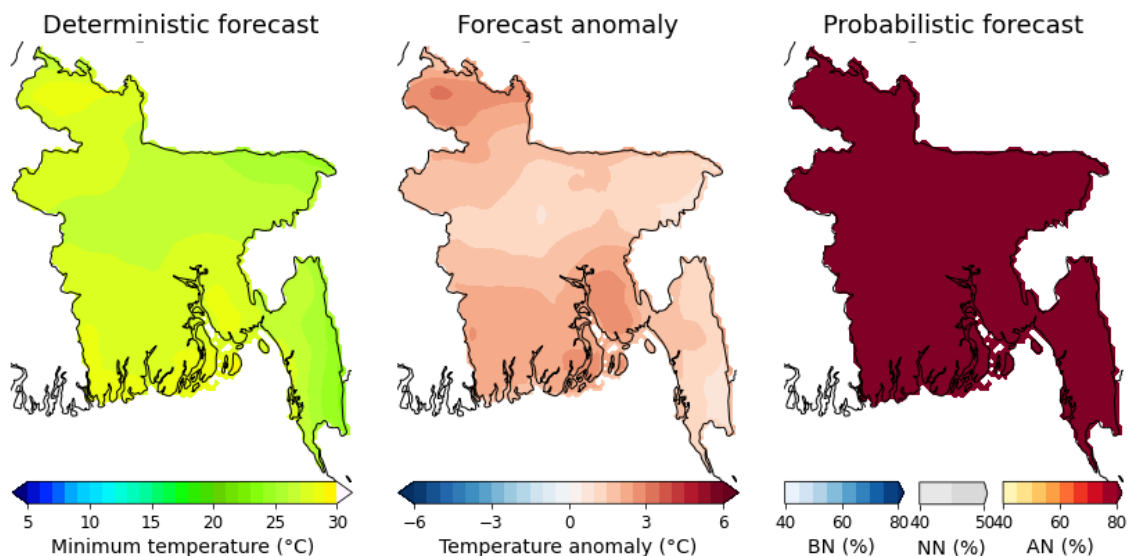
1.1 Significant Information

- Add here the text for significant information.

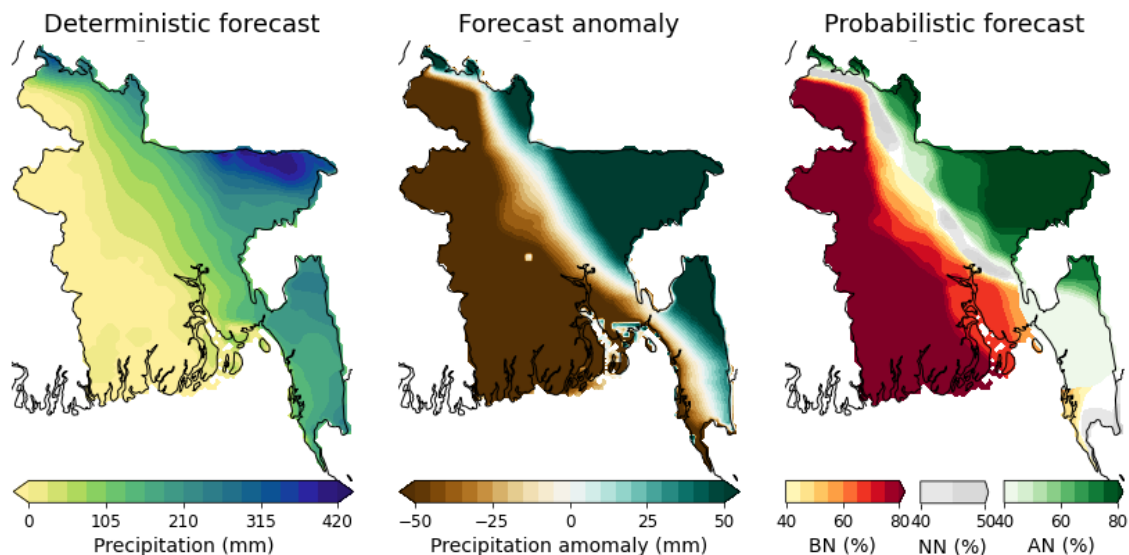
1.2 Maximum Temperature



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	34	3	0/0/100	27	2	0/0/100	59	-31	56/27/17
	Faridpur	34	3	0/0/100	27	2	0/0/100	3	-86	83/17/0
	Gazipur	33	2	0/0/100	27	1	0/0/100	98	11	21/37/42
	Gopalganj	34	4	0/0/100	28	2	0/0/100	0	-96	89/11/0
	Kishoreganj	32	1	0/29/71	27	1	0/0/100	193	102	7/8/86
	Madaripur	34	4	0/0/100	27	2	0/0/100	3	-96	80/17/3
	Manikganj	34	3	0/0/100	27	1	0/0/100	31	-50	69/23/7
	Munshiganj	34	3	0/0/100	27	2	0/0/100	56	-37	64/21/15
	Narayanganj	34	3	0/0/100	27	2	0/0/100	90	-5	37/42/21
	Narsingdi	33	2	0/1/99	27	2	0/0/100	131	40	12/28/60
	Rajbari	34	3	0/0/100	27	2	0/0/100	2	-74	82/16/3
Shariatpur	34	4	0/0/100	28	2	0/0/100	25	-70	68/20/12	
Rajshahi	Bogra	34	4	0/0/100	27	2	0/0/100	43	-47	56/32/12
	Joypurhat	35	4	0/0/100	27	2	0/0/100	20	-66	80/17/3
	Naogaon	35	4	0/0/100	27	2	0/0/100	0	-98	90/9/1
	Natore	34	4	0/0/100	27	1	0/0/100	5	-72	84/8/8
	Nawabganj	35	4	0/0/100	27	2	0/0/100	0	-113	99/1/0
	Pabna	34	3	0/0/100	27	1	0/0/100	15	-59	76/15/8
	Rajshahi	35	4	0/0/100	27	2	0/0/100	0	-103	92/5/3
	Sirajganj	34	3	0/0/100	27	1	0/0/100	43	-36	57/31/12
Rangpur	Dinajpur	36	5	0/0/100	28	3	0/0/100	11	-120	92/8/0
	Gaibandha	34	4	0/0/100	27	2	0/0/100	92	-1	29/39/32
	Kurigram	34	4	0/0/100	27	2	0/0/100	182	62	1/21/78
	Lalmonirhat	35	4	0/0/100	28	3	0/0/100	163	21	5/40/55
	Nilphamari	36	5	0/0/100	28	3	0/0/100	103	-47	49/37/14
	Panchagarh	35	4	0/0/100	27	2	0/0/100	204	9	17/46/37
	Rangpur	35	5	0/0/100	28	2	0/0/100	82	-23	40/42/19
	Thakurgaon	36	5	0/0/100	28	3	0/0/100	31	-134	89/10/1
Mymensingh	Jamalpur	33	3	0/0/100	27	1	0/0/100	97	4	28/23/49
	Mymensingh	32	2	0/3/97	27	1	0/0/100	145	55	18/11/72
	Netrakona	31	1	2/45/53	26	2	0/0/100	267	161	7/10/83
	Sherpur	33	2	0/0/100	27	2	0/0/100	128	31	24/15/61
Chittagong	Bandarban	30	2	0/14/86	25	1	0/0/100	183	5	38/29/34
	Brahmanbaria	32	2	0/17/83	27	2	0/0/100	165	70	5/22/73
	Chandpur	34	4	0/0/100	28	3	0/0/100	70	-39	64/9/27
	Chittagong	32	3	0/1/99	27	2	0/0/100	157	-23	58/1/41
	Comilla	34	3	0/0/100	28	2	0/0/100	124	5	33/30/38
	Cox's Bazar	31	3	0/0/100	26	1	0/0/100	140	-61	43/31/27
	Feni	33	3	0/0/100	27	2	0/0/100	159	-20	58/1/41

	Khagrachhari	32	1	8/24/68	26	1	0/0/100	216	59	35/13/52
	Lakshmipur	34	4	0/0/100	28	3	0/0/100	61	-66	67/1/32
	Noakhali	33	3	0/0/100	28	2	0/0/100	71	-62	63/7/30
	Rangamati	31	1	9/31/60	25	1	0/0/100	199	54	34/17/49
Khulna	Bagerhat	35	5	0/0/100	28	2	0/0/100	0	-109	92/8/0
	Chuadanga	35	4	0/0/100	27	2	0/0/100	0	-89	92/7/1
	Jessore	35	5	0/0/100	28	2	0/0/100	0	-101	95/5/0
	Jhenaidah	35	4	0/0/100	27	2	0/0/100	0	-97	92/7/2
	Khulna	35	5	0/0/100	28	2	0/0/100	0	-92	98/2/0
	Kushtia	34	4	0/0/100	27	1	0/0/100	0	-79	90/2/8
	Magura	34	4	0/0/100	27	2	0/0/100	0	-97	86/14/0
	Meherpur	35	4	0/0/100	27	2	0/0/100	0	-87	92/7/2
	Narail	35	4	0/0/100	28	2	0/0/100	0	-90	97/3/0
	Satkhira	35	5	0/0/100	28	2	0/0/100	0	-80	99/1/0
Barisal	Barguna	34	5	0/0/100	28	2	0/0/100	0	-178	92/8/1
	Barisal	34	4	0/0/100	28	2	0/0/100	7	-86	77/16/7
	Bhola	33	4	0/0/100	28	2	0/0/100	21	-134	77/13/9
	Jhalokati	34	4	0/0/100	28	2	0/0/100	0	-114	90/9/1
	Patuakhali	33	4	0/0/100	28	2	0/0/100	0	-184	90/4/6
	Pirojpur	35	5	0/0/100	28	2	0/0/100	0	-115	92/8/0
Sylhet	Habiganj	32	0	8/59/33	26	1	0/0/100	209	121	0/10/90
	Maulvibazar	31	0	46/29/26	26	1	0/0/100	226	135	0/4/96
	Sunamganj	30	0	22/52/26	26	1	0/0/100	345	205	0/6/94
	Sylhet	30	0	59/18/23	25	1	0/0/100	346	200	0/0/100

1.6 Guidance

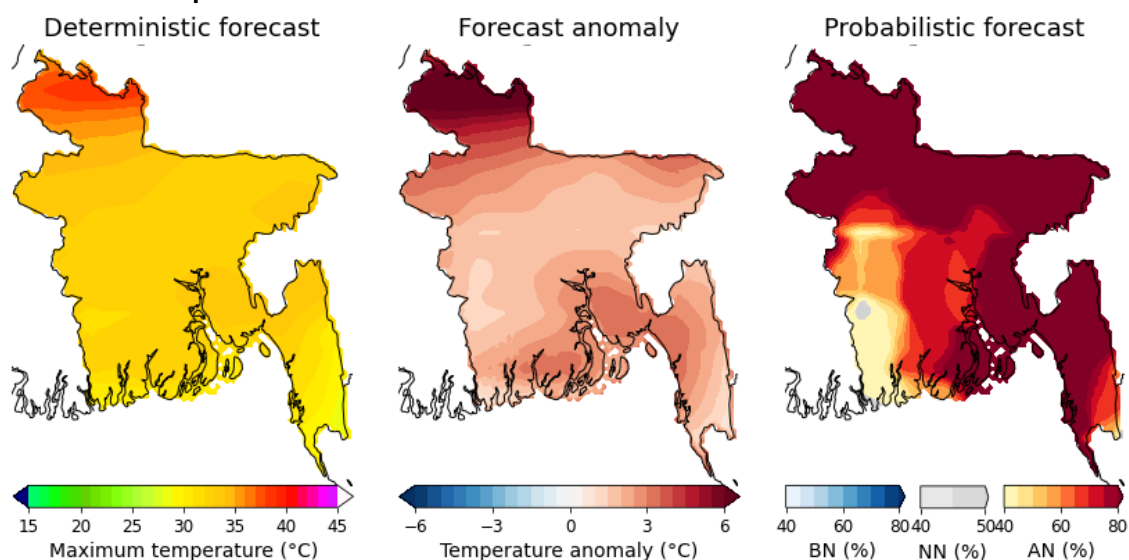
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 24.06.2023 to 30.06.2023)

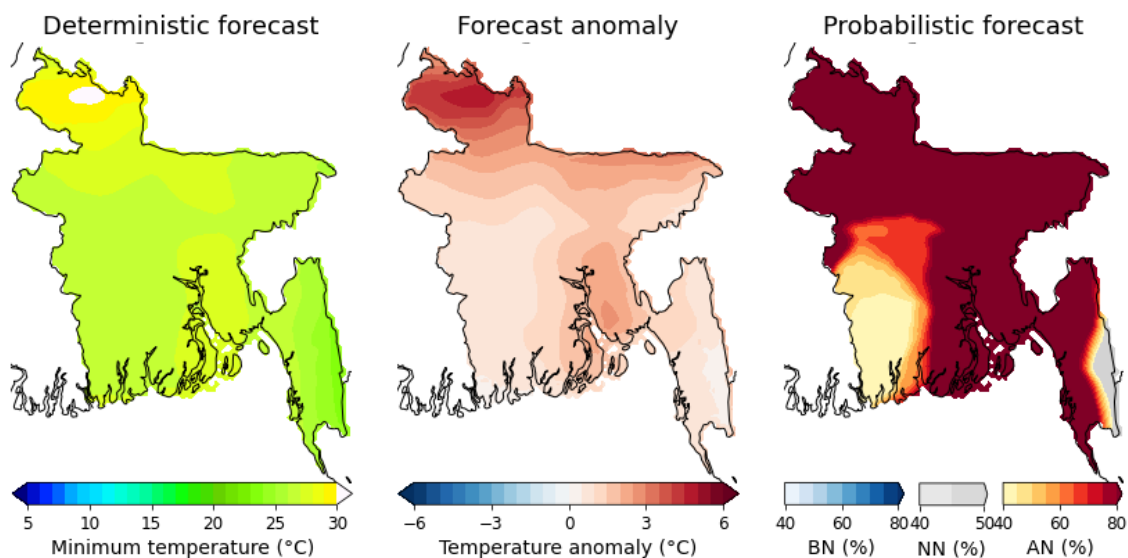
2.1 Significant Information

- Add here the text for significant information.

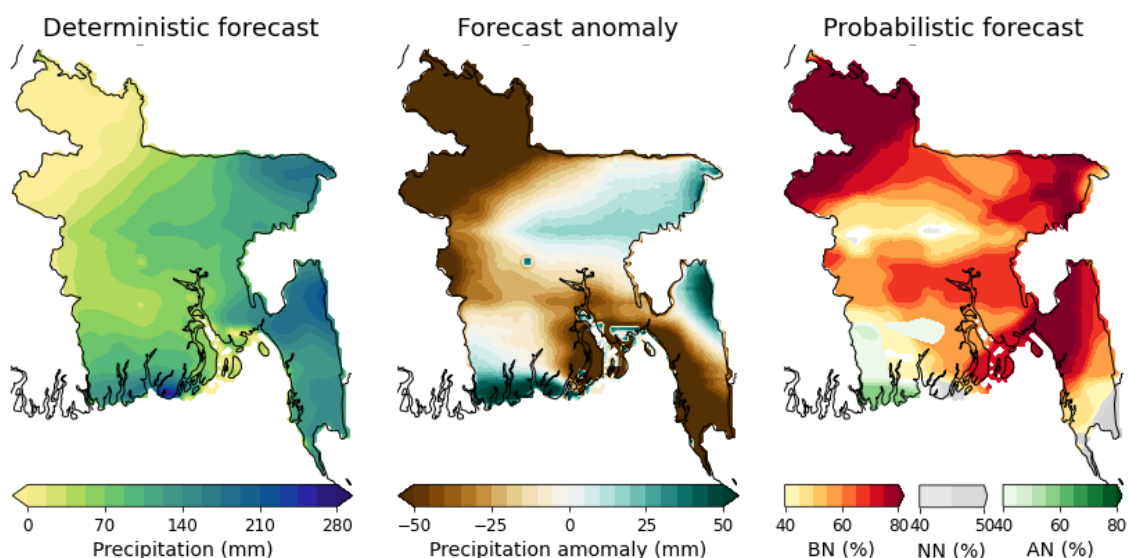
2.2 Maximum Temperature



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	33	2	0/28/72	27	1	0/10/90	79	-1	55/19/26
	Faridpur	33	2	12/15/73	26	1	0/33/67	62	-18	66/0/33
	Gazipur	32	2	0/24/76	27	1	0/7/93	88	12	46/29/25
	Gopalganj	32	2	9/16/75	26	1	0/41/59	43	-21	61/4/34
	Kishoreganj	33	2	2/17/81	27	2	0/0/100	101	13	66/15/19
	Madaripur	33	2	4/24/72	27	1	0/13/87	56	-27	62/4/33
	Manikganj	33	2	5/22/74	26	1	0/28/72	75	-2	54/20/26
	Munshiganj	33	2	0/31/69	27	2	0/2/98	67	-13	67/5/28
	Narayanganj	33	2	0/27/73	27	2	0/0/100	80	-4	63/14/23
	Narsingdi	33	2	0/23/77	27	2	0/0/100	92	9	54/24/22
	Rajbari	32	2	10/26/63	26	1	0/35/65	59	-15	62/6/33
Shariatpur	33	3	0/33/67	27	2	0/0/100	56	-30	66/4/30	
Rajshahi	Bogra	34	3	0/14/86	27	2	0/1/99	25	-47	69/15/17
	Joypurhat	34	3	0/6/94	28	2	0/0/100	0	-79	81/14/5
	Naogaon	34	3	0/7/93	27	2	0/0/100	3	-72	83/14/3
	Natore	33	2	5/28/67	27	1	0/14/86	36	-37	49/32/19
	Nawabganj	34	3	0/0/100	27	1	0/0/100	0	-79	87/13/0
	Pabna	32	2	9/36/55	26	1	0/34/66	61	-14	49/26/26

Rangpur	Rajshahi	33	3	0/13/87	27	1	0/3/97	11	-57	62/29/9
	Sirajganj	33	2	3/22/74	27	1	0/17/83	61	-12	50/30/19
	Dinajpur	36	5	0/0/100	29	4	0/0/100	0	-134	97/3/0
	Gaibandha	35	4	0/2/98	28	3	0/0/100	9	-80	76/17/7
	Kurigram	37	6	0/0/100	29	3	0/0/100	8	-107	84/12/3
	Lalmonirhat	38	7	0/0/100	29	4	0/0/100	4	-132	90/5/5
	Nilphamari	38	7	0/0/100	30	4	0/0/100	0	-140	92/7/2
	Panchagarh	37	6	0/0/100	28	3	0/0/100	5	-172	86/12/2
	Rangpur	36	5	0/0/100	29	4	0/0/100	0	-108	90/10/0
Mymensingh	Thakurgaon	38	7	0/0/100	29	4	0/0/100	0	-187	100/0/0
	Jamalpur	34	3	0/9/91	27	2	0/0/100	41	-41	65/20/15
	Mymensingh	33	2	0/12/88	27	2	0/0/100	75	-7	60/22/18
	Netrakona	32	2	0/9/91	27	2	0/0/100	90	-3	59/26/15
Chittagong	Sherpur	33	3	0/6/94	27	2	0/0/100	49	-38	65/20/15
	Bandarban	30	2	11/19/71	24	0	0/43/57	140	-64	42/41/16
	Brahmanbaria	33	2	7/7/87	27	2	0/0/100	99	7	60/27/12
	Chandpur	33	3	0/16/83	27	2	0/0/100	69	-32	66/11/22
	Chittagong	32	3	8/1/91	26	1	0/4/96	130	-65	76/7/17
	Comilla	33	3	5/5/90	27	2	0/0/100	98	-13	67/16/18
	Cox's Bazar	30	2	4/11/86	26	1	0/0/100	121	-111	44/40/16
	Feni	33	3	8/0/92	27	2	0/0/100	144	-35	74/9/17
	Khagrachhari	33	2	8/0/92	26	1	0/2/98	177	3	81/2/17
	Lakshmipur	33	3	0/11/89	28	2	0/0/100	74	-46	61/21/18
Khulna	Noakhali	32	3	2/5/93	27	2	0/0/100	71	-49	69/15/16
	Rangamati	32	2	8/4/88	25	1	0/33/67	164	6	68/15/17
	Bagerhat	32	2	0/39/61	27	1	0/47/53	97	10	41/21/37
	Chuadanga	33	2	1/41/58	26	1	0/43/57	32	-49	58/15/26
	Jessore	32	1	7/48/44	26	1	0/56/44	47	-22	52/14/34
	Jhenaidah	32	1	9/35/56	26	1	0/50/50	43	-34	58/10/32
	Khulna	32	2	1/53/46	26	1	0/58/42	87	7	41/19/40
	Kushtia	33	2	6/37/56	26	1	0/33/67	41	-32	45/27/28
	Magura	32	2	8/33/59	26	1	0/50/50	50	-24	62/5/33
Barisal	Meherpur	33	2	0/29/71	26	1	0/9/91	20	-55	62/20/18
	Narail	32	2	9/32/59	26	1	0/56/44	41	-19	61/6/33
	Satkhira	32	2	0/59/41	26	1	5/53/42	88	12	38/16/46
	Barguna	32	3	0/30/70	27	1	0/11/89	137	6	44/34/22
	Barisal	33	3	1/24/75	27	2	0/3/97	65	-35	58/10/31
	Bhola	32	3	0/3/97	28	2	0/0/100	54	-84	67/17/16
	Jhalokati	33	3	0/25/75	27	1	0/5/95	79	-28	57/8/34
	Patuakhali	32	3	0/20/80	27	1	0/0/100	118	-34	51/29/20
Sylhet	Pirojpur	33	3	0/26/74	26	1	0/29/71	81	-13	53/13/34
	Habiganj	33	2	8/0/92	27	1	0/0/100	118	13	70/22/8
	Maulvibazar	33	2	8/0/92	26	1	0/0/100	130	17	74/17/9
	Sunamganj	32	3	2/6/92	27	2	0/0/100	134	-2	70/21/9
	Sylhet	33	3	8/1/92	26	2	0/0/100	165	7	75/16/8

2.6 Guidance

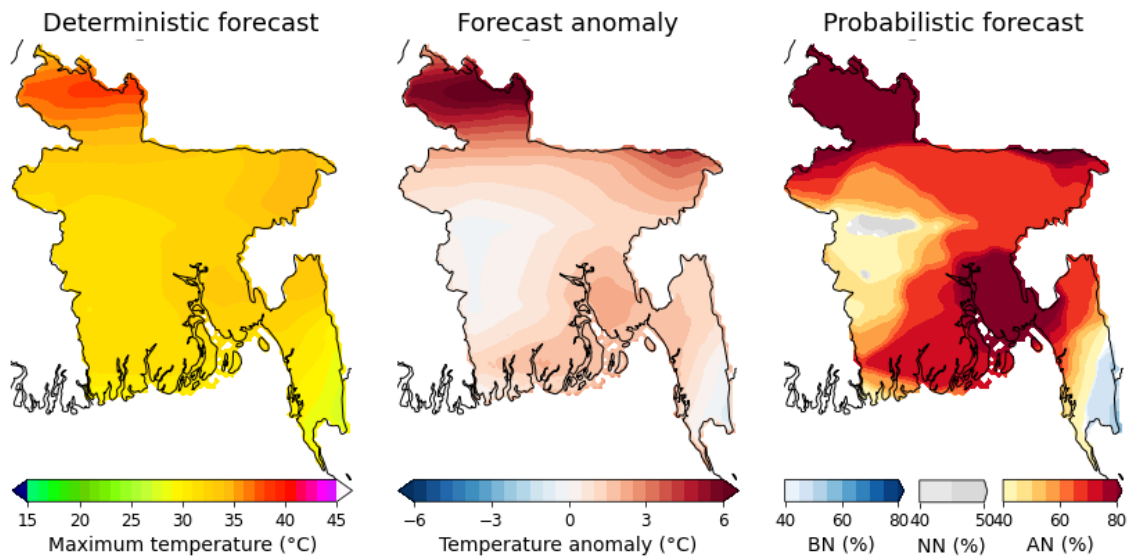
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 01.07.2023 to 14.07.2023)

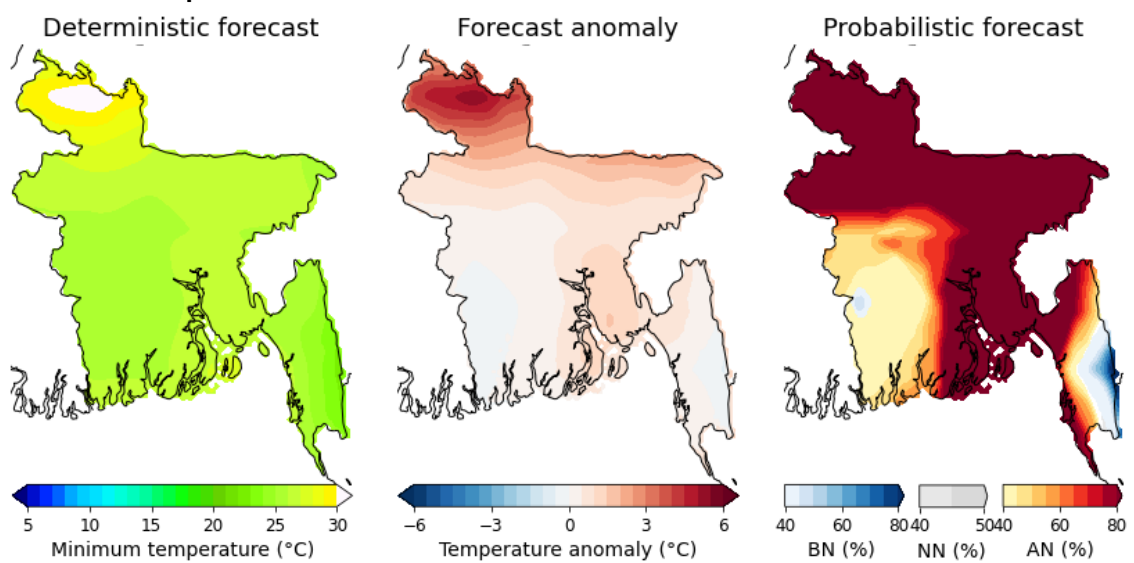
3.2 Significant Information

- Add here the text for significant information.

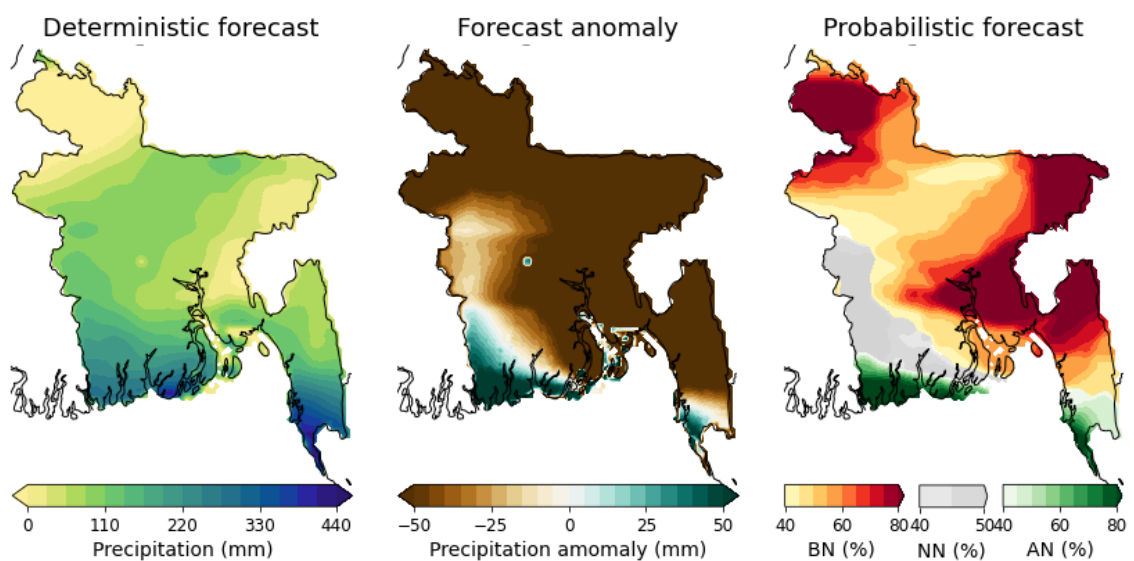
3.2 Maximum Temperature



3.3 Minimum Temperature



3.4 Rainfall



3.5 Forecast information at District level

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

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	8/29/62	26	1	1/26/73	76	-75	61/29/10
	Faridpur	32	1	12/31/57	26	0	18/33/49	84	-58	59/33/8
	Gazipur	32	1	8/30/62	26	1	0/22/78	80	-71	58/25/17
	Gopalganj	32	1	18/15/67	26	0	21/35/44	80	-60	60/32/8
	Kishoreganj	33	1	0/33/67	26	1	0/8/92	62	-116	59/26/15
	Madaripur	32	1	9/21/69	26	0	6/24/69	66	-97	74/17/8
	Manikganj	32	1	8/38/54	26	0	7/30/63	89	-55	57/32/11
	Munshiganj	33	1	6/19/75	26	1	0/16/84	61	-99	73/18/8
	Narayanganj	33	1	2/24/73	26	1	0/6/94	58	-100	66/24/10
	Narsingdi	33	1	0/33/67	26	1	0/5/95	54	-101	60/24/16
	Rajbari	31	0	13/43/45	26	0	22/31/47	91	-37	48/43/9
	Shariatpur	33	2	6/17/77	26	1	0/15/85	53	-121	82/9/8
Rajshahi	Bogra	33	1	8/31/61	27	1	0/3/97	71	-62	56/21/23
	Joypurhat	33	2	3/26/71	27	2	0/0/100	21	-117	70/20/9
	Naogaon	33	1	6/23/72	27	1	0/1/99	29	-104	66/22/12
	Natore	32	0	14/38/47	26	0	5/20/75	97	-26	45/22/33
	Nawabganj	32	1	7/25/69	26	1	0/4/96	27	-91	59/34/7
	Pabna	31	0	17/44/38	26	0	19/26/55	100	-27	45/27/28
	Rajshahi	32	1	9/36/55	26	0	1/16/82	79	-48	45/27/27
	Sirajganj	32	0	15/34/51	26	0	4/24/72	95	-39	49/21/29
Rangpur	Dinajpur	36	5	0/2/98	29	4	0/0/100	0	-278	81/12/7
	Gaibandha	34	3	0/18/82	28	2	0/0/100	22	-143	59/30/11
	Kurigram	37	5	0/0/100	29	3	0/0/100	3	-242	61/22/17
	Lalmonirhat	37	6	0/0/100	30	4	0/0/100	0	-323	70/14/17
	Nilphamari	38	6	0/0/100	30	5	0/0/100	0	-326	80/5/15
	Panchagarh	36	4	0/0/100	29	4	0/0/100	16	-312	66/15/19
	Rangpur	36	5	0/1/99	29	4	0/0/100	0	-284	72/18/10
	Thakurgaon	37	5	0/0/100	29	4	0/0/100	0	-389	85/8/7
Mymen- singh	Jamalpur	33	2	5/27/68	27	1	0/5/95	81	-78	51/28/22
	Mymen- singh	33	1	4/30/67	26	1	0/11/89	96	-92	49/29/22
	Netrakona	33	2	0/33/67	27	2	0/0/100	96	-117	49/38/13
	Sherpur	33	2	2/31/67	27	1	0/2/98	96	-87	52/27/20
Chitta- gong	Bandarban	29	0	44/23/34	24	0	40/36/23	249	-49	39/25/36
	Brahamanba ria	33	1	0/32/68	26	1	0/5/95	25	-142	74/16/10
	Chandpur	33	2	0/12/88	27	1	0/0/100	30	-160	86/6/8
	Chittagong	31	1	5/30/65	26	0	10/19/71	133	-145	65/29/5
	Comilla	33	2	0/16/84	26	1	0/0/100	20	-167	86/6/8
	Cox's Bazar	29	1	18/38/44	26	0	1/24/75	345	2	17/22/61
	Feni	33	2	0/17/83	26	1	0/0/100	87	-159	84/16/0
	Khagrachha ri	33	1	1/30/70	26	1	1/15/84	75	-167	90/10/0
	Lakshmipur	33	2	0/14/86	27	1	0/0/100	81	-121	75/17/8
Noakhali	32	2	0/18/82	27	1	0/0/100	87	-112	69/27/4	
	Rangamati	31	1	15/32/54	24	0	29/29/41	84	-163	74/25/1
Khulna	Bagerhat	31	1	19/12/70	26	0	28/24/48	197	5	23/35/42
	Chuadanga	31	0	17/38/45	26	0	27/24/50	113	-23	33/56/11
	Jessore	31	0	19/33/48	25	0	39/22/39	138	-14	22/60/18
	Jhenaidah	31	0	17/40/43	25	0	32/24/44	116	-22	31/58/11
	Khulna	31	1	20/17/63	26	0	33/24/43	202	16	19/41/39
	Kushtia	31	0	18/41/41	26	0	25/25/50	104	-20	37/43/20
	Magura	31	0	17/39/44	25	0	27/32/42	104	-39	47/44/8
	Meherpur	32	0	17/39/45	26	0	25/25/50	101	-31	33/54/13
	Narail	31	0	19/27/54	25	0	30/29/42	101	-45	51/39/10
	Satkhira	31	1	20/25/56	26	0	34/24/42	212	41	8/39/52
Barisal	Barguna	31	2	13/12/75	26	0	8/25/67	256	3	16/42/42
	Barisal	32	1	8/18/74	26	1	2/15/83	111	-70	53/38/9
	Bhola	31	2	1/23/76	27	1	0/0/100	160	-114	49/41/10
	Jhalokati	32	2	8/17/75	26	0	6/24/71	157	-47	45/38/17
	Patuakhali	31	2	10/17/73	26	1	1/7/92	249	-40	29/37/35
	Pirojpur	32	1	11/15/74	26	0	17/28/55	164	-30	35/45/20
Sylhet	Habiganj	34	2	0/33/67	26	1	0/10/90	28	-156	73/19/8
	Maulvibazar	34	2	0/33/67	26	1	0/12/88	11	-185	88/4/8
	Sunamganj	33	3	0/30/70	26	2	0/0/100	73	-191	68/23/8

	Sylhet	34	3	0/23/77	26	2	0/3/97	31	-256	88/3/8
--	--------	----	---	---------	----	---	--------	----	------	--------

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)