



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 19 June 2023

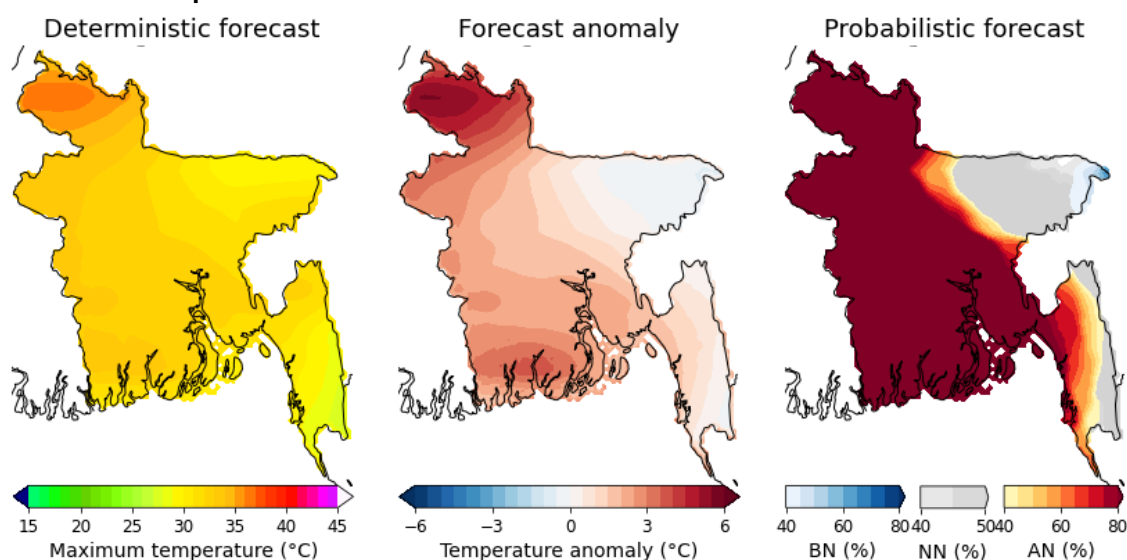
Subject: Experimental Sub-seasonal forecast for Bangladesh during 19.06.2023 to 16.07.2023

1. Weather Forecast for week 1 (Period: 19.06.2023 to 25.06.2023)

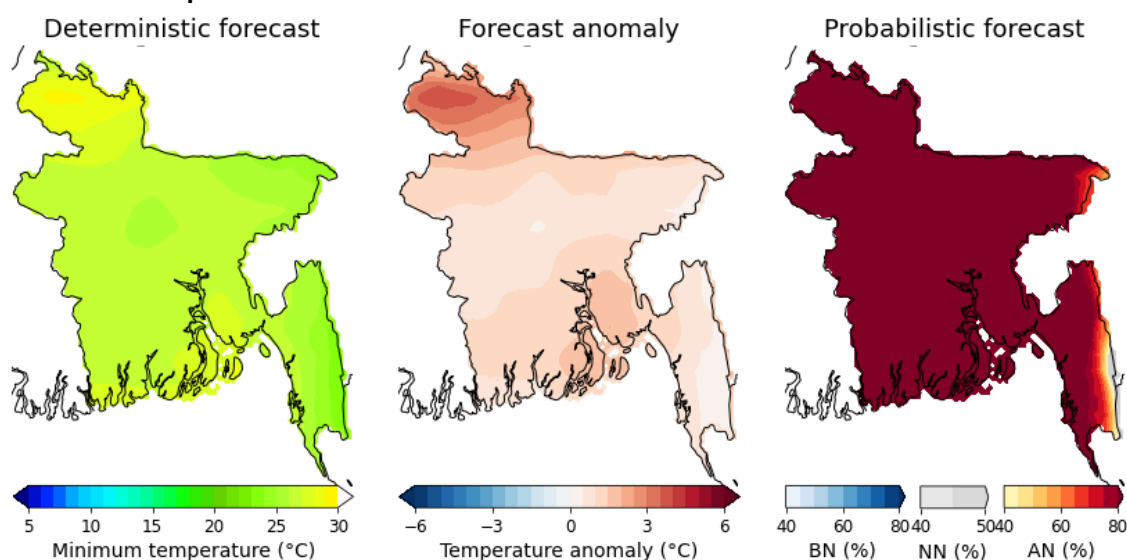
1.1 Significant Information

- Add here the text for significant information.

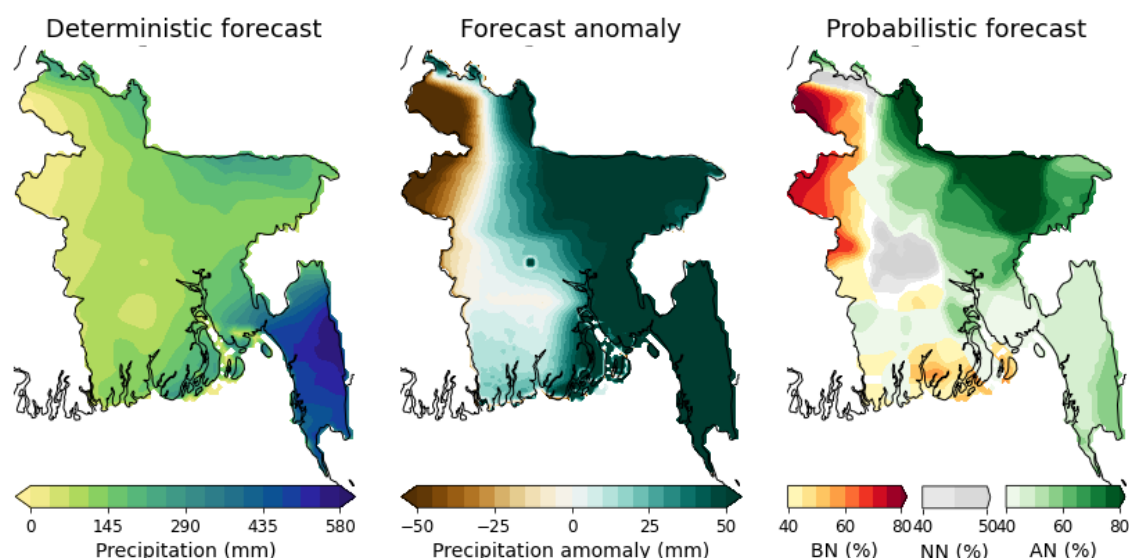
1.2 Maximum Temperature



1.3 Minimum Temperature



1.4 Rainfall



1.5 Forecast information at District level

Division	District	Maximum Temperature (°C)			Minimum Temperature (°C)			Rainfall (mm)		
		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	0/0/100	26	1	0/0/100	111	32	25/22/52
	Faridpur	33	2	0/0/100	26	1	0/0/100	90	10	27/41/32
	Gazipur	32	1	0/12/88	26	1	0/0/100	120	45	13/26/61
	Gopalganj	32	2	0/6/94	26	1	0/0/100	68	0	44/19/37
	Kishoreganj	31	0	5/70/25	26	1	0/1/99	140	66	13/10/77
	Madaripur	33	2	0/2/98	26	1	0/0/100	95	7	40/16/43
	Manikganj	32	2	0/0/100	26	1	0/0/100	96	22	16/47/37
	Munshiganj	32	2	0/0/100	27	1	0/0/100	116	31	33/15/51
	Narayanganj	32	2	0/0/100	27	1	0/0/100	126	44	29/13/58
	Narsingdi	32	1	0/21/79	26	1	0/0/100	128	51	16/24/60
	Rajbari	33	2	0/0/100	26	1	0/0/100	86	13	19/53/28
	Shariatpur	33	2	0/0/100	27	1	0/0/100	117	24	38/13/49
Rajshahi	Bogra	33	2	0/5/95	27	1	0/0/100	90	17	31/22/48
	Joypurhat	33	3	0/1/99	27	2	0/0/100	59	-15	44/16/39
	Naogaon	33	3	0/0/100	27	1	0/0/100	37	-36	59/12/29
	Natore	33	2	0/0/100	26	1	0/0/100	75	3	39/25/36
	Nawabganj	33	3	0/0/100	27	1	0/0/100	16	-55	72/13/16
	Pabna	33	2	0/0/100	26	1	0/0/100	86	16	23/44/33
	Rajshahi	33	3	0/0/100	26	1	0/0/100	42	-29	59/10/31
	Sirajganj	32	2	0/2/98	26	1	0/0/100	99	28	17/34/49
Rangpur	Dinajpur	35	5	0/0/100	28	3	0/0/100	46	-59	60/22/18
	Gaibandha	33	3	0/1/99	27	2	0/0/100	111	28	16/22/61
	Kurigram	34	4	0/0/100	28	3	0/0/100	173	61	0/16/84
	Lalmonirhat	35	4	0/0/100	28	3	0/0/100	151	22	10/39/51
	Nilphamari	36	5	0/0/100	29	3	0/0/100	109	-24	40/33/27
	Panchagarh	35	4	0/0/100	27	2	0/0/100	169	-1	19/46/36
	Rangpur	35	4	0/0/100	28	3	0/0/100	104	4	24/31/45
	Thakurgaon	36	5	0/0/100	29	3	0/0/100	36	-97	72/17/11
Mymen-singh	Jamalpur	32	2	0/22/78	26	1	0/0/100	121	42	5/34/61
	Mymen-singh	31	1	0/54/46	26	1	0/0/100	150	72	3/24/73
	Netrakona	30	0	15/69/15	26	1	0/0/100	191	102	5/12/84
	Sherpur	32	1	0/40/60	26	1	0/1/99	140	57	1/31/68
Chitta-gong	Bandarban	28	0	13/51/36	24	0	8/27/65	488	315	28/17/55
	Brahamanba- ria	31	1	1/39/60	26	1	0/2/98	140	60	17/16/67
	Chandpur	32	2	0/0/100	27	2	0/0/100	163	56	34/18/49
	Chittagong	31	1	0/25/75	26	1	0/5/95	457	289	47/4/49
	Comilla	32	2	0/8/92	27	1	0/0/100	190	81	33/12/55
	Cox's Bazar	29	1	1/36/63	26	1	0/6/94	420	221	21/29/51
	Feni	32	2	0/14/86	26	1	0/0/100	340	174	48/8/44

	Khagrachhara	32	1	3/35/62	26	1	0/4/96	372	224	48/2/50
	Lakshmipur	32	2	0/6/94	27	2	0/0/100	189	63	37/21/42
	Noakhali	31	2	0/8/92	27	2	0/0/100	208	80	43/17/40
	Rangamati	30	1	5/53/42	25	1	3/27/70	477	341	37/12/51
Khulna	Bagerhat	33	3	0/8/92	27	1	0/2/98	108	11	46/14/40
	Chuadanga	33	2	0/0/100	26	1	0/0/100	58	-9	44/26/30
	Jessore	33	2	0/7/93	26	1	0/4/96	84	1	39/21/41
	Jhenaidah	33	2	0/0/100	26	1	0/0/100	79	-1	37/35/27
	Khulna	33	3	0/8/92	27	1	0/5/95	100	12	41/18/41
	Kushtia	33	2	0/0/100	26	1	0/0/100	66	-3	49/21/30
	Magura	33	2	0/0/100	26	1	0/0/100	87	3	32/44/25
	Meherpur	33	3	0/0/100	26	1	0/0/100	46	-17	60/15/25
	Narail	33	2	0/6/94	26	1	0/0/100	68	0	39/28/33
	Satkhira	33	3	1/8/91	27	1	0/8/92	87	10	40/22/38
Barisal	Barguna	32	3	0/8/92	27	1	0/0/100	168	25	50/17/33
	Barisal	32	2	0/8/92	27	1	0/0/100	127	30	42/9/49
	Bhola	31	2	0/8/92	27	2	0/0/100	196	35	51/6/42
	Jhalokati	33	3	0/8/92	27	1	0/0/100	126	21	42/21/37
	Patuakhali	32	3	0/8/92	27	1	0/0/100	199	37	46/19/35
	Pirojpur	33	3	0/8/92	27	1	0/0/100	107	10	48/15/37
Sylhet	Habiganj	31	0	21/73/7	26	1	0/8/92	132	57	17/5/78
	Maulvibazar	31	0	34/57/9	26	0	1/15/83	126	46	22/10/68
	Sunamganj	30	0	28/57/15	25	1	0/2/98	211	91	9/11/80
	Sylhet	30	0	38/45/17	25	1	1/15/85	183	56	19/19/62

1.6 Guidance

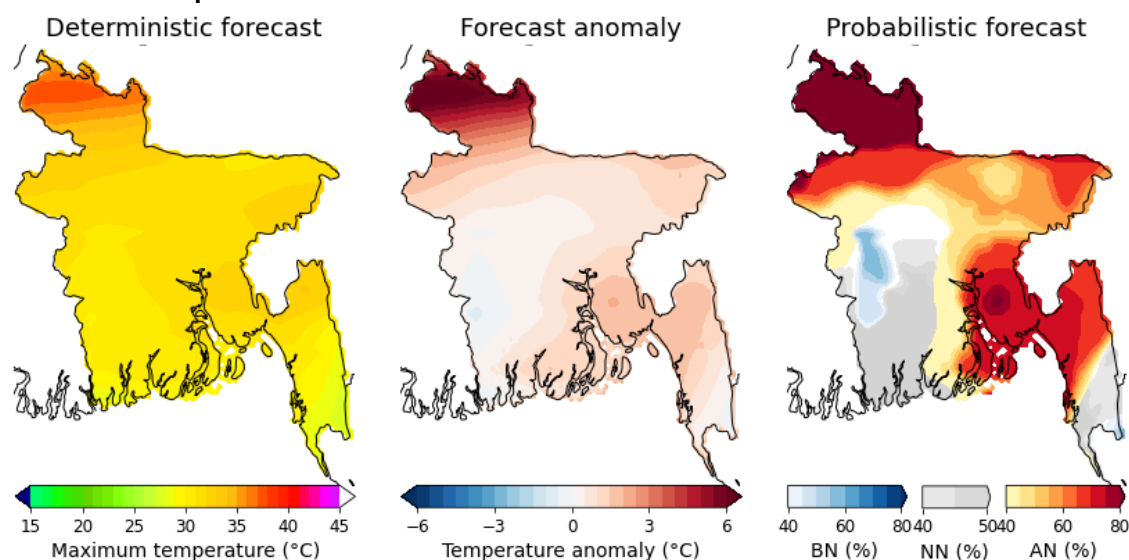
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 26.06.2023 to 02.07.2023)

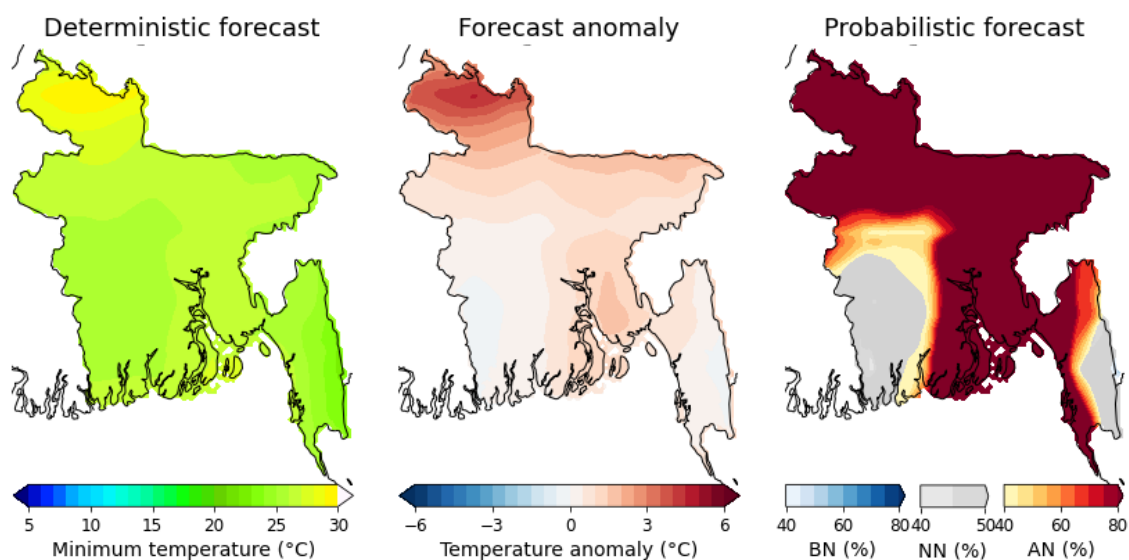
2.1 Significant Information

- Add here the text for significant information.

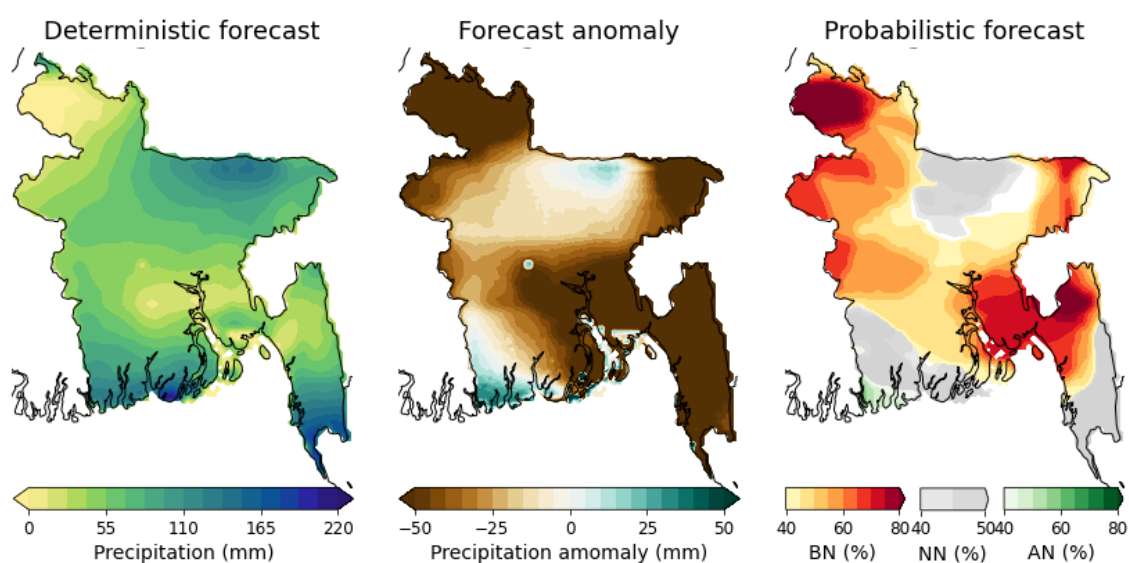
2.2 Maximum Temperature



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	31	1	19/36/45	26	1	0/13/87	50	-38	44/34/22
	Faridpur	31	0	18/48/35	26	0	0/57/43	33	-50	54/26/20
	Gazipur	31	0	28/23/48	26	1	0/11/89	63	-20	40/35/25
	Gopalganj	31	0	7/59/34	26	0	0/62/38	21	-49	50/39/11
	Kishoreganj	32	1	25/22/54	26	1	0/0/100	81	-15	39/34/28
	Madaripur	31	1	2/57/41	26	1	0/25/75	20	-60	50/38/12
	Manikganj	31	0	24/41/35	26	1	0/44/56	49	-35	49/26/25
	Munshiganj	32	1	5/40/55	26	1	0/3/97	33	-54	52/32/17
	Narayanganj	32	1	9/29/62	27	1	0/0/100	46	-47	50/32/18
	Narsingdi	32	1	23/21/56	26	1	0/0/100	58	-31	44/31/24
	Rajbari	31	0	31/36/33	26	0	0/59/41	44	-33	58/17/25
Rajshahi	Shariatpur	32	1	0/44/56	26	1	0/1/99	19	-69	56/29/15
	Bogra	32	1	15/23/63	27	1	0/1/99	56	-19	57/19/24
	Joypurhat	33	2	1/32/67	27	2	0/0/100	37	-39	63/13/24
	Naogaon	32	2	3/32/65	27	1	0/1/99	34	-38	63/13/24
	Natore	31	0	24/36/41	26	1	0/26/74	60	-16	55/20/25
	Nawabganj	32	2	3/28/69	26	1	0/1/99	27	-47	66/9/25
	Pabna	31	0	36/30/33	26	0	0/52/48	59	-20	52/23/25

Rangpur	Rajshahi	32	1	9/44/48	26	1	0/12/88	47	-29	61/13/25
	Sirajganj	31	0	32/30/38	26	1	0/26/74	63	-13	45/30/25
	Dinajpur	35	4	0/2/98	28	3	0/0/100	9	-102	76/20/4
	Gaibandha	33	2	0/22/78	27	2	0/0/100	54	-38	54/28/18
	Kurigram	35	4	0/1/99	28	3	0/0/100	45	-72	49/31/20
	Lalmonirhat	36	5	0/0/100	29	4	0/0/100	21	-116	58/33/9
	Nilphamari	37	6	0/0/100	29	4	0/0/100	6	-131	78/15/8
	Panchagarh	36	5	0/1/99	28	3	0/0/100	28	-147	65/26/9
	Rangpur	35	4	0/1/99	28	3	0/0/100	23	-81	61/28/11
Mymen-singh	Thakurgaon	37	6	0/0/100	29	4	0/0/100	0	-178	92/8/0
	Jamalpur	32	1	13/25/63	26	1	0/1/99	75	-13	43/39/17
	Mymen-singh	31	1	18/27/55	26	1	0/1/99	90	-6	31/50/19
	Netrakona	31	1	15/34/51	26	1	0/0/100	114	3	24/49/26
Chittagong	Sherpur	32	1	8/28/64	27	1	0/0/100	89	-8	30/53/17
	Bandarban	28	0	30/42/28	24	0	14/64/23	122	-67	23/60/16
	Brahamanbaria	32	1	15/24/60	26	1	0/0/100	56	-39	46/33/20
	Chandpur	32	2	0/24/76	27	1	0/0/100	20	-88	68/16/17
	Chittagong	31	2	4/26/70	26	1	0/17/83	50	-135	63/22/15
	Comilla	32	2	1/27/73	26	1	0/0/100	32	-79	65/18/17
	Cox's Bazar	29	1	13/47/40	26	0	0/3/97	139	-75	28/56/16
	Feni	32	2	0/25/75	26	1	0/0/100	45	-128	75/8/17
	Khagrachhari	32	2	1/28/72	25	1	0/13/87	38	-128	76/7/17
	Lakshmipur	32	2	0/24/76	27	2	0/0/100	40	-76	72/8/19
Khulna	Noakhali	31	2	0/25/75	27	1	0/0/100	39	-79	71/9/21
	Rangamati	31	1	13/28/59	24	0	11/46/43	49	-106	47/36/17
	Bagerhat	30	1	1/69/30	26	0	0/61/39	87	-11	28/47/25
	Chuadanga	31	0	28/40/32	26	0	0/60/40	53	-33	62/13/25
	Jessore	30	0	42/38/20	25	0	24/57/19	60	-21	40/38/22
	Jhenaidah	31	0	49/25/26	25	0	3/64/33	53	-27	58/17/25
	Khulna	30	0	5/71/23	26	0	4/68/28	86	-5	22/50/28
	Kushtia	31	0	41/23/36	26	0	0/51/49	53	-23	60/14/26
	Magura	31	0	40/29/31	25	0	0/67/33	46	-34	57/19/24
	Meherpur	31	0	13/45/42	26	0	0/41/59	44	-38	67/8/25
Barisal	Narail	31	0	17/55/28	26	0	1/68/32	39	-37	50/33/17
	Satkira	30	0	15/70/15	26	0	25/55/20	93	8	13/49/38
	Barguna	30	1	0/59/41	26	1	0/13/87	119	-20	24/53/23
	Barisal	31	1	0/54/46	26	1	0/6/94	46	-51	52/34/14
	Bhola	30	1	0/30/70	27	1	0/0/100	69	-73	51/24/25
	Jhalokati	31	1	0/58/42	26	1	0/9/91	67	-43	49/35/17
	Patuakhali	30	1	0/49/51	27	1	0/0/100	115	-45	33/47/20
	Pirojpur	31	1	0/61/39	26	0	0/45/55	68	-32	44/38/18
Sylhet	Habiganj	32	1	14/30/56	26	1	0/0/100	80	-35	47/31/22
	Maulvibazar	33	1	8/32/60	26	1	0/4/96	66	-55	56/27/16
	Sunamganj	31	1	5/37/58	26	2	0/0/100	121	-28	38/33/29
	Sylhet	32	1	0/34/66	26	2	0/2/98	81	-85	57/30/13

2.6 Guidance

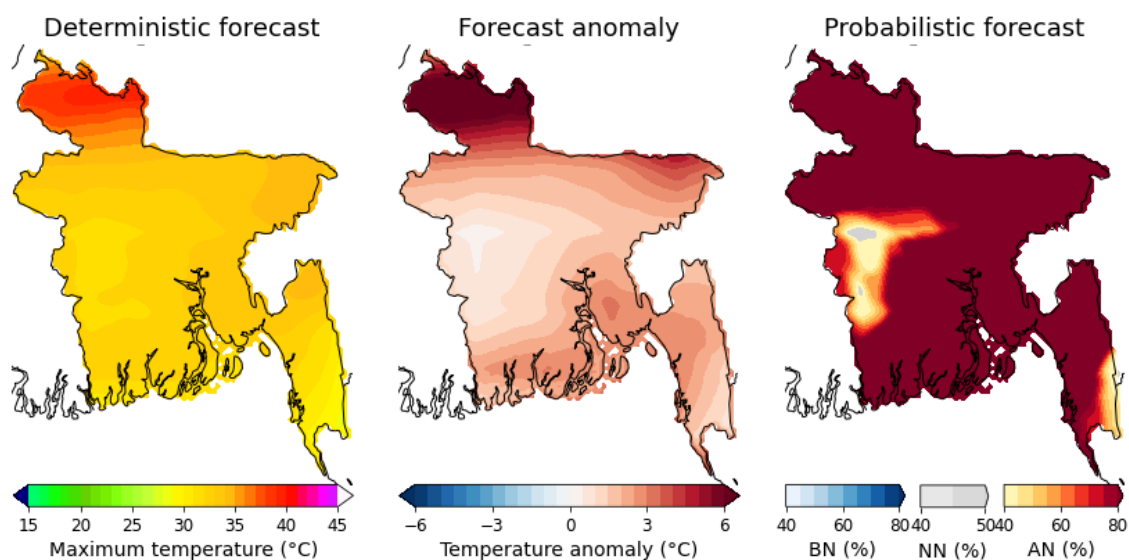
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 03.07.2023 to 16.07.2023)

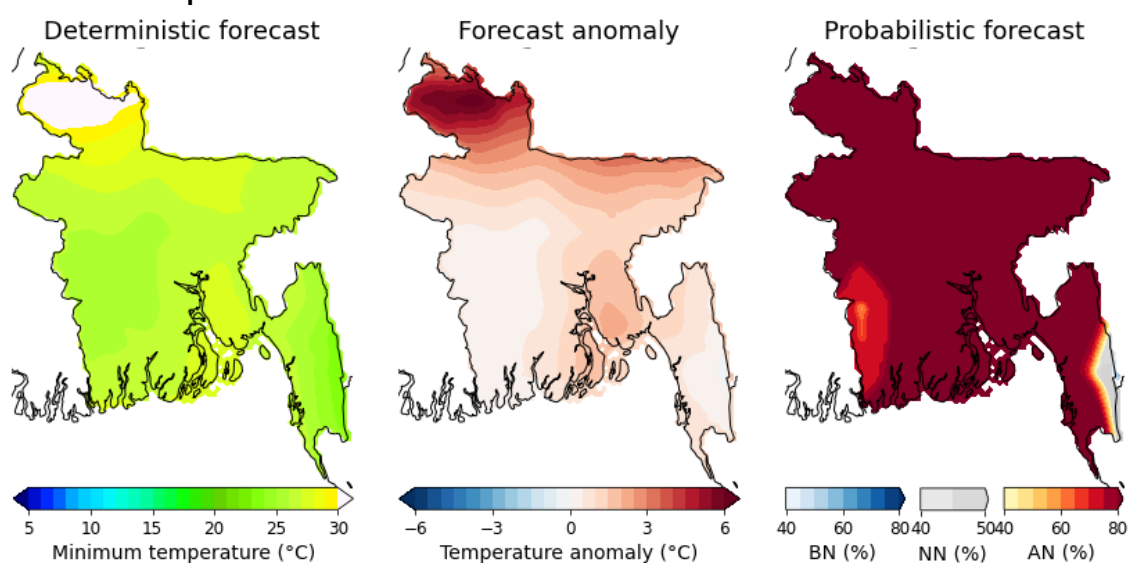
3.2 Significant Information

- Add here the text for significant information.

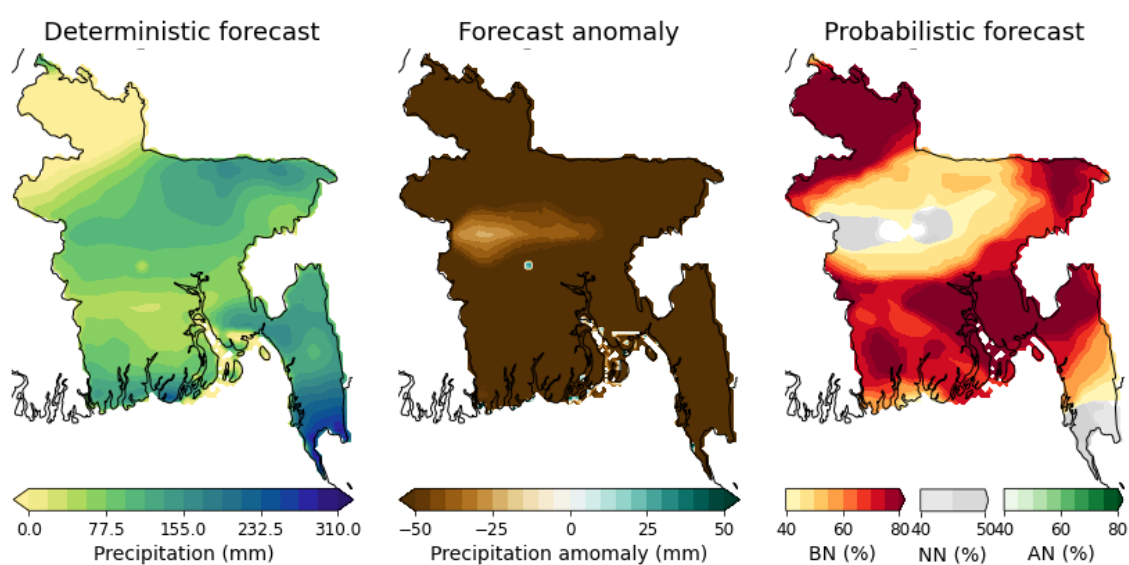
3.2 Maximum Temperature



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 BWCSRP (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	33	1	0/4/96	26	1	0/5/95	90	-63	52/40/8
	Faridpur	32	1	0/10/90	26	0	8/0/92	69	-79	68/27/5
	Gazipur	33	1	0/14/86	26	1	0/2/98	105	-46	45/41/14
	Gopalganj	32	1	0/10/90	26	0	8/0/92	43	-99	79/19/1
	Kishoreganj	33	2	0/3/97	27	1	0/0/100	115	-61	50/33/17
	Madaripur	33	2	0/2/98	26	1	4/4/92	50	-117	83/9/8
	Manikganj	32	1	0/10/90	26	1	2/6/92	92	-57	47/45/8
	Munshiganj	33	2	0/0/100	27	1	0/4/96	74	-87	75/16/9
	Narayanganj	33	2	0/0/100	27	1	0/0/100	86	-72	65/26/9
	Narsingdi	33	2	0/8/92	27	1	0/0/100	97	-58	60/26/14
	Rajbari	32	1	0/25/75	26	0	8/0/92	82	-54	49/46/4
	Shariatpur	33	2	0/0/100	27	1	0/4/96	54	-124	83/4/13
Rajshahi	Bogra	33	2	0/13/87	27	2	0/0/100	70	-79	51/46/3
	Joypurhat	34	3	0/2/98	28	2	0/0/100	14	-139	79/21/0
	Naogaon	34	2	0/1/99	27	2	0/0/100	21	-120	73/26/0
	Natore	32	1	0/31/69	26	1	1/3/96	91	-41	39/47/14
	Nawabganj	33	2	0/0/100	27	1	0/0/100	11	-113	75/25/0
	Pabna	32	1	0/47/53	26	0	6/3/92	100	-35	38/43/19
	Rajshahi	33	1	0/12/88	26	1	0/2/98	58	-73	44/48/7
	Sirajganj	32	1	0/27/73	26	1	0/3/97	99	-44	43/36/21
Rangpur	Dinajpur	37	6	0/0/100	30	5	0/0/100	0	-309	94/6/0
	Gaibandha	35	4	0/0/100	28	3	0/0/100	17	-163	71/29/0
	Kurigram	38	6	0/0/100	29	4	0/0/100	0	-291	84/14/2
	Lalmonirhat	38	7	0/0/100	30	5	0/0/100	0	-358	92/4/4
	Nilphamari	39	7	0/0/100	31	6	0/0/100	0	-348	92/5/4
	Panchagarh	37	5	0/0/100	29	4	0/0/100	17	-318	83/9/9
	Rangpur	37	6	0/0/100	30	5	0/0/100	0	-309	90/10/0
	Thakurgaon	38	7	0/0/100	30	5	0/0/100	0	-379	91/6/3
Mymen- singh	Jamalpur	34	2	0/11/89	27	2	0/0/100	85	-82	50/35/15
	Mymen- singh	33	2	0/12/88	27	2	0/0/100	125	-64	47/35/18
	Netrakona	33	2	0/1/99	27	2	0/0/100	139	-67	49/35/16
	Sherpur	34	3	0/7/93	27	2	0/0/100	102	-84	50/31/19
Chitta- gong	Bandarban	30	1	3/30/67	24	0	13/27/60	211	-104	40/38/22
	Brahamanba ria	33	2	0/6/94	27	1	0/0/100	84	-86	71/12/17
	Chandpur	34	3	0/0/100	27	2	0/0/100	59	-138	83/0/17
	Chittagong	32	3	0/0/100	26	1	2/5/93	130	-163	69/14/16
	Comilla	33	2	0/0/100	27	2	0/0/100	75	-126	80/3/17
	Cox's Bazar	31	2	1/12/87	26	1	1/7/93	212	-149	35/55/11
	Feni	34	3	0/0/100	27	1	0/0/100	129	-154	83/0/17
	Khagrachha ri	34	2	0/7/93	26	1	0/1/99	131	-127	82/1/17
	Lakshmipur	33	3	0/0/100	27	2	0/0/100	75	-140	83/0/17
	Noakhali	33	3	0/0/100	27	2	0/0/100	75	-139	81/3/16
Khulna	Rangamati	32	2	0/14/86	25	0	10/21/69	128	-138	66/17/17
	Bagerhat	32	2	0/7/93	26	0	8/0/92	85	-108	68/25/7
	Chuadanga	32	1	8/27/65	26	0	8/10/82	74	-69	65/30/5
	Jessore	32	1	8/39/52	26	0	8/20/72	50	-102	72/24/3
	Jhenaidah	32	1	8/41/51	26	0	8/14/77	74	-70	66/31/3
	Khulna	32	2	2/7/90	26	0	8/8/83	87	-100	75/16/9
	Kushtia	32	1	3/51/46	26	0	8/1/90	93	-39	41/46/14
	Magura	32	1	4/22/74	26	0	8/6/85	68	-80	69/31/0
	Meherpur	32	1	2/24/74	26	0	8/0/92	71	-67	57/35/8
	Narail	32	1	6/11/83	26	0	8/5/87	43	-103	70/30/0
Barisal	Satkhira	32	2	5/11/84	26	0	8/17/75	91	-84	72/12/15
	Barguna	32	3	0/2/98	26	1	5/3/92	118	-140	70/24/6
	Barisal	33	2	0/1/99	27	1	2/3/95	49	-137	80/10/10
	Bhola	32	2	0/0/100	27	2	0/0/100	66	-219	77/13/10
	Jhalokati	33	2	0/0/100	26	1	4/5/92	52	-156	76/24/0
	Patuakhali	32	3	0/2/98	27	1	0/3/97	108	-191	71/25/4
Sylhet	Pirojpur	33	2	0/3/97	26	1	8/0/92	60	-136	74/23/3
	Habiganj	34	2	0/3/97	27	1	0/0/100	85	-86	63/27/10
	Maulvibazar	35	2	0/4/96	27	1	0/0/100	77	-106	74/18/8
	Sunamganj	34	3	0/0/100	27	2	0/0/100	134	-119	64/26/10

	Sylhet	34	4	0/1/99	27	2	0/0/100	120	-158	81/10/9
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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)