



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 28 April 2023

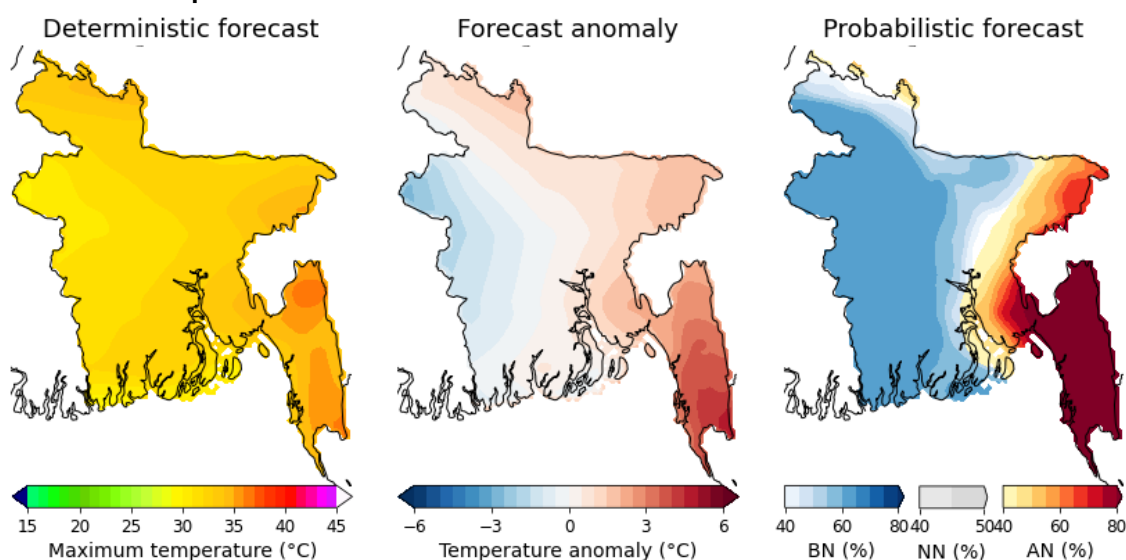
Subject: Experimental Sub-seasonal forecast for Bangladesh during 28.04.2023 to 25.05.2023

1. Weather Forecast for week 1 (Period: 28.04.2023 to 04.05.2023)

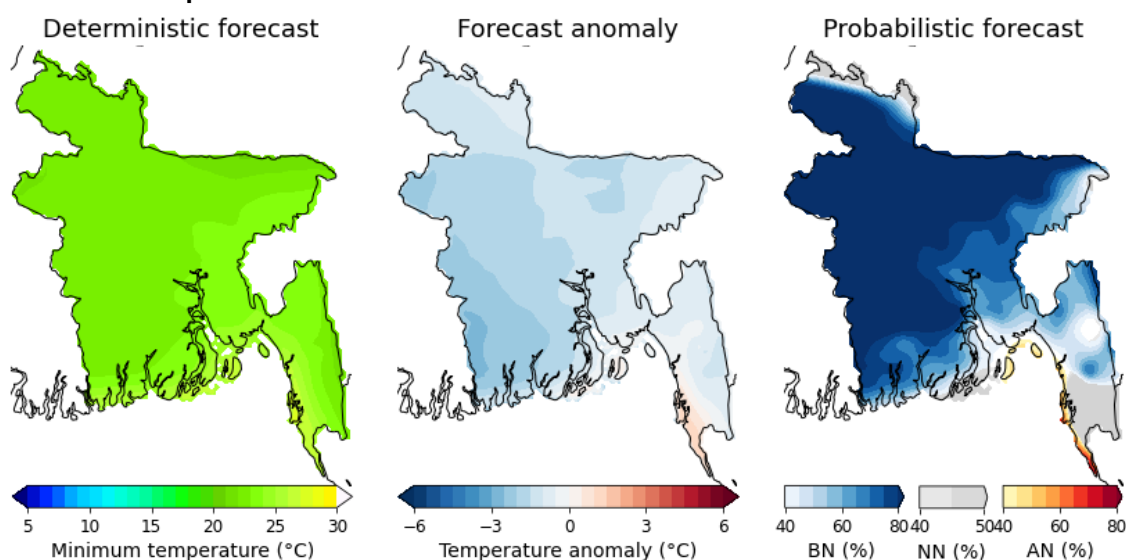
1.1 Significant Information

- Add here the text for significant information.

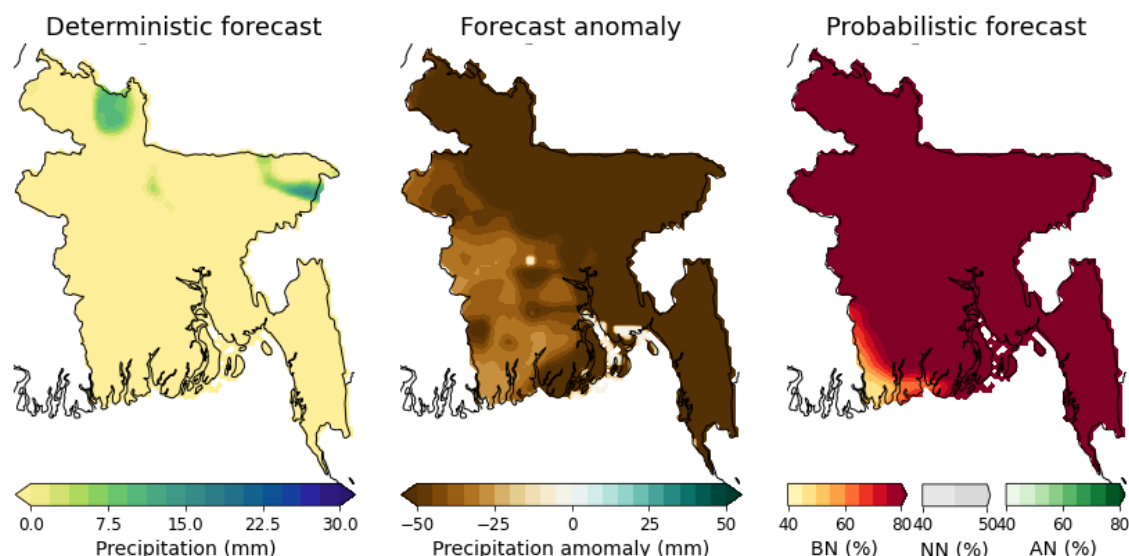
1.2 Maximum Temperature



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	0	56/7/36	23	-2	76/14/10	0	-50	99/1/0
	Faridpur	32	0	63/0/36	23	-2	82/9/9	0	-46	97/3/0
	Gazipur	32	0	51/12/36	23	-1	77/13/10	0	-57	98/2/0
	Gopalganj	32	0	63/1/36	23	-2	82/8/10	0	-45	93/7/0
	Kishoreganj	33	1	37/24/39	23	-1	79/13/8	0	-92	97/3/0
	Madaripur	32	0	57/6/37	23	-2	81/7/12	0	-40	94/6/0
	Manikganj	32	0	63/1/36	23	-2	79/12/8	0	-42	99/1/0
	Munshiganj	32	0	50/12/38	23	-1	69/18/13	0	-54	98/2/0
	Narayanganj	32	1	41/21/38	23	-1	73/14/13	0	-51	99/1/0
	Narsingdi	32	1	33/28/39	23	-1	74/15/11	0	-59	98/2/0
	Rajbari	31	-1	64/0/36	23	-2	84/7/8	0	-34	95/5/0
Rajshahi	Shariatpur	33	1	49/12/39	23	-1	72/14/14	0	-50	95/5/0
	Bogra	32	0	64/0/36	22	-2	86/8/6	0	-68	94/6/0
	Joypurhat	32	0	64/0/36	22	-2	86/10/5	0	-65	94/6/0
	Naogaon	31	-1	64/0/36	22	-2	86/11/3	0	-48	91/9/0
	Natore	31	-1	64/1/36	22	-2	86/10/4	0	-47	97/3/0
	Nawabganj	30	-2	64/6/31	22	-2	86/14/0	0	-39	84/16/0
	Pabna	31	-1	64/1/35	23	-2	85/8/7	0	-39	97/3/0
	Rajshahi	31	-2	64/4/32	22	-2	86/12/2	0	-47	92/8/0
Rangpur	Sirajganj	31	0	64/0/36	23	-2	85/7/8	0	-53	97/3/0
	Dinajpur	32	0	62/1/36	22	-1	85/3/12	0	-71	96/4/0
	Gaibandha	32	1	61/3/36	22	-1	83/7/11	0	-71	95/5/0
	Kurigram	33	2	42/19/39	23	-1	53/35/12	2	-69	95/5/0
	Lalmonirhat	34	1	36/27/38	23	-1	53/38/9	6	-65	98/2/0
	Nilphamari	34	1	44/20/36	23	-1	67/24/9	0	-79	98/2/0
	Panchagarh	34	1	41/22/37	22	-1	45/53/2	0	-59	99/1/0
	Rangpur	33	1	58/5/36	22	-1	83/5/12	6	-64	96/4/0
Mymen-singh	Thakurgaon	33	0	55/9/36	22	-1	84/4/12	0	-56	99/1/0
	Jamalpur	32	1	60/3/36	22	-1	85/6/10	0	-70	95/5/0
	Mymen-singh	32	1	55/9/36	23	-1	85/4/11	0	-113	96/4/0
	Netrakona	32	1	54/9/37	22	-2	85/4/11	0	-140	93/7/0
	Sherpur	32	1	52/11/36	22	-1	84/4/12	0	-93	94/6/0
Chitta-gong	Bandarban	35	4	0/5/95	23	-1	26/69/6	0	-98	100/0/0
	Brahamanbaria	33	1	18/34/48	23	-1	73/18/9	0	-78	98/2/0
	Chandpur	33	1	28/24/49	23	-1	65/18/17	0	-76	97/3/0
	Chittagong	34	3	2/7/91	25	0	41/40/20	0	-121	99/1/0
	Comilla	33	1	17/23/59	23	-1	69/16/15	0	-92	98/2/0
	Cox's Bazar	34	4	0/5/95	26	1	1/70/29	0	-114	99/1/0
	Feni	34	2	6/14/80	24	-1	54/30/16	0	-106	98/2/0

	Khagrachhari	36	3	3/4/93	24	-1	58/37/5	0	-145	97/3/0
	Lakshmipur	33	1	24/23/53	24	-1	54/28/19	0	-64	96/4/0
	Noakhali	33	1	22/16/62	25	-1	46/27/26	0	-61	97/3/0
	Rangamati	35	3	2/7/91	23	-1	52/38/11	0	-135	99/1/0
Khulna	Bagerhat	32	0	64/0/36	23	-2	69/18/12	0	-34	80/20/0
	Chuadanga	31	-1	64/3/33	22	-2	85/9/6	0	-33	90/9/0
	Jessore	32	-1	64/0/36	22	-2	86/6/8	0	-38	83/16/1
	Jhenaidah	31	-1	64/0/36	22	-2	85/8/7	0	-32	90/10/0
	Khulna	32	0	64/0/36	23	-2	76/14/10	0	-33	77/22/0
	Kushtia	31	-1	64/5/31	22	-2	86/9/6	0	-35	95/5/0
	Magura	32	-1	64/0/36	23	-2	84/7/8	0	-35	93/7/0
	Meherpur	31	-2	64/10/26	22	-2	86/11/3	0	-33	91/8/0
	Narail	32	-1	64/0/36	23	-2	84/6/9	0	-37	90/10/0
	Satkhira	31	-1	64/0/36	23	-2	78/14/8	0	-37	62/35/2
Barisal	Barguna	32	0	59/5/36	24	-2	58/28/14	0	-60	79/21/0
	Barisal	33	0	52/9/39	23	-2	74/12/14	0	-41	92/8/0
	Bhola	31	0	53/6/41	25	-1	41/42/17	0	-64	92/8/0
	Jhalokati	32	0	59/4/37	23	-2	73/13/14	0	-35	90/10/0
	Patuakhali	32	0	58/5/37	24	-1	50/35/15	0	-57	85/15/0
	Pirojpur	32	0	61/2/36	23	-2	74/13/13	0	-34	87/13/0
Sylhet	Habiganj	34	1	17/30/53	23	-1	70/27/3	0	-136	96/4/0
	Maulvibazar	35	2	9/27/64	24	-1	54/44/1	3	-144	92/8/0
	Sunamganj	32	1	44/14/42	22	-1	84/11/5	0	-138	92/8/0
	Sylhet	33	2	19/22/59	22	-1	66/32/2	2	-158	92/8/0

1.6 Guidance

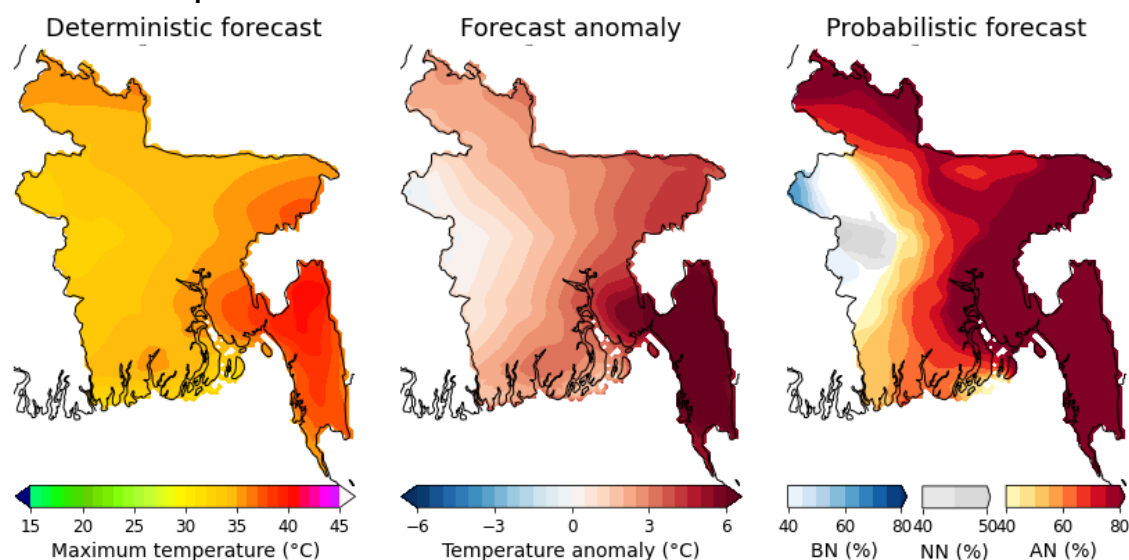
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 05.05.2023 to 11.05.2023)

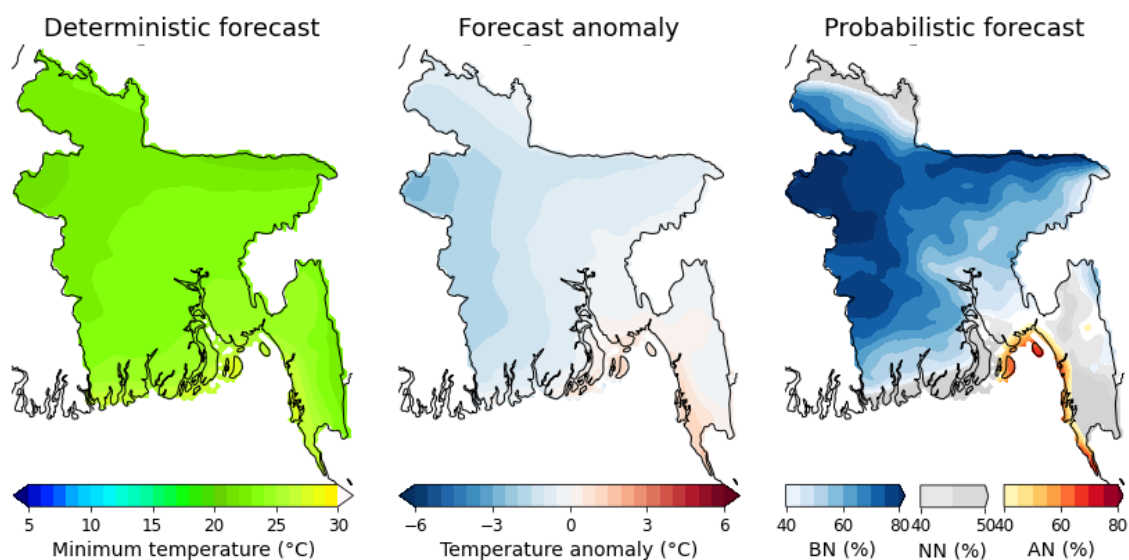
2.1 Significant Information

- Add here the text for significant information.

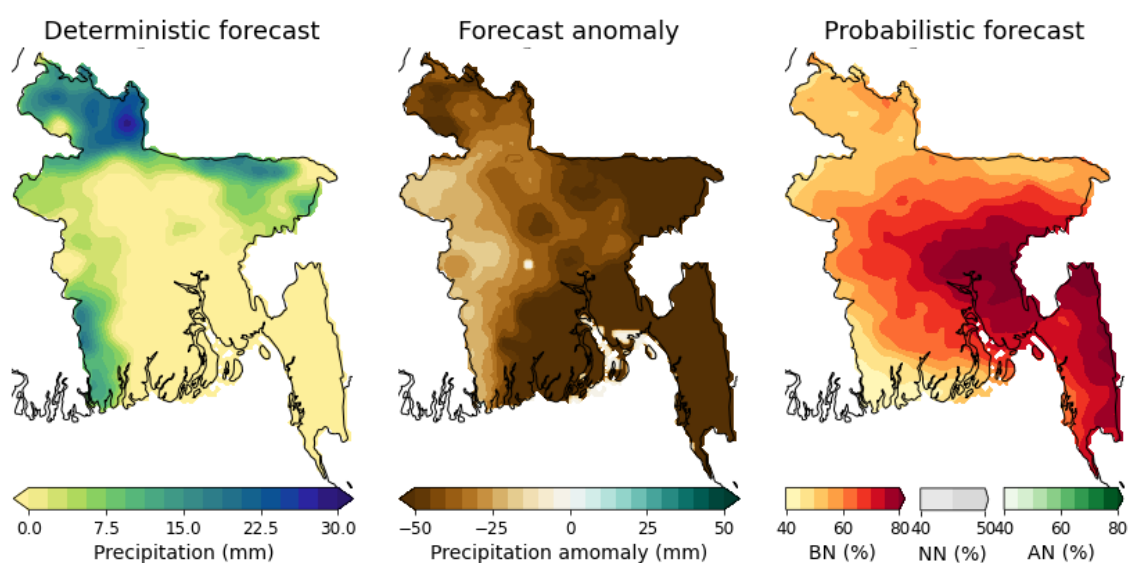
2.2 Maximum Temperature



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	34	2	6/24/70	24	-1	58/28/14	0	-46	79/19/2
	Faridpur	34	2	11/30/59	23	-1	66/21/13	0	-36	71/26/3
	Gazipur	34	3	5/23/73	24	-1	62/25/13	0	-41	76/21/3
	Gopalganj	34	2	10/21/68	23	-1	67/19/14	0	-56	66/30/4
	Kishoreganj	35	3	3/15/82	24	-1	61/26/14	2	-43	73/24/3
	Madaripur	35	3	6/20/74	24	-1	63/22/15	0	-52	69/28/3
	Manikganj	34	2	11/31/58	24	-1	61/28/11	0	-38	75/23/2
	Munshiganj	35	3	5/13/82	24	-1	50/31/19	0	-49	80/18/2
	Narayanganj	35	3	3/11/85	24	-1	53/30/17	0	-45	83/15/2
	Narsingdi	35	3	3/13/84	24	0	55/29/16	0	-42	79/19/3
	Rajbari	33	1	19/37/44	23	-1	74/18/8	0	-25	67/28/4
	Shariatpur	35	3	5/9/86	24	-1	55/27/18	0	-59	75/23/2
Rajshahi	Bogra	34	2	19/26/55	23	-2	77/19/4	0	-35	57/35/8
	Joypurhat	34	2	23/22/55	22	-2	79/17/4	9	-27	52/38/9
	Naogaon	33	1	28/36/36	22	-2	81/17/2	6	-23	53/38/10
	Natore	33	1	28/40/32	23	-2	80/16/4	2	-25	62/33/5
	Nawabganj	33	0	53/22/26	22	-3	82/17/2	5	-18	50/34/16
	Pabna	33	1	26/42/32	23	-1	76/17/6	0	-25	68/26/6

Rangpur	Rajshahi	33	0	37/35/28	22	-2	81/17/3	3	-22	58/34/8
	Sirajganj	33	2	17/30/52	23	-1	72/21/7	0	-37	66/29/5
	Dinajpur	35	2	11/17/72	22	-1	69/24/7	12	-45	52/41/7
	Gaibandha	34	2	7/23/70	23	-1	65/27/7	14	-32	53/40/7
	Kurigram	35	3	0/16/84	23	-1	33/47/20	23	-40	54/41/5
	Lalmonirhat	35	3	0/17/83	23	-1	36/46/17	19	-46	57/42/2
	Nilphamari	35	2	1/20/79	23	-1	47/42/12	17	-43	53/44/3
	Panchagarh	35	2	0/19/81	23	-1	36/49/15	13	-43	52/47/1
	Rangpur	34	2	4/22/75	23	-1	59/32/9	21	-36	54/40/6
Mymen-singh	Thakurgaon	35	2	4/17/79	22	-1	61/32/7	15	-47	52/45/3
	Jamalpur	34	2	5/25/70	23	-1	72/22/6	4	-34	58/35/7
	Mymen-singh	34	3	5/21/74	23	-1	71/22/8	0	-47	62/33/4
	Netrakona	35	3	7/19/74	23	-1	72/22/7	7	-51	59/36/5
	Sherpur	34	3	4/21/75	23	-1	74/22/5	5	-40	59/33/8
Chittagong	Bandarban	38	6	0/3/97	24	0	25/54/21	0	-90	74/26/0
	Brahamanbaria	36	4	3/3/94	24	0	58/26/16	0	-45	80/18/2
	Chandpur	36	4	3/5/92	24	0	48/29/22	0	-72	79/20/2
	Chittagong	38	7	0/2/97	25	0	22/41/38	0	-77	71/28/1
	Comilla	37	5	3/2/95	24	0	50/27/23	0	-63	81/17/2
	Cox's Bazar	36	6	0/3/97	26	1	12/48/40	0	-98	67/31/1
	Feni	38	6	2/1/97	25	0	36/33/31	0	-97	76/22/2
	Khagrachhari	40	7	0/6/94	24	0	32/43/25	0	-75	76/22/2
	Lakshmipur	36	5	3/4/93	25	0	34/39/27	0	-76	75/23/1
	Noakhali	36	5	4/4/92	25	0	27/37/37	0	-62	73/25/2
Khulna	Rangamati	39	7	2/5/93	23	0	36/38/26	0	-72	79/21/0
	Bagerhat	34	3	12/24/63	24	-1	50/36/14	0	-58	53/34/13
	Chuadanga	33	0	41/36/23	23	-2	75/20/5	0	-26	60/30/10
	Jessore	34	1	35/24/41	23	-2	77/14/9	9	-26	56/25/18
	Jhenaidah	33	1	34/34/32	23	-2	76/17/7	5	-22	61/28/11
	Khulna	34	2	19/25/55	24	-1	57/30/13	4	-41	53/30/17
	Kushtia	33	0	33/47/20	23	-2	78/16/5	3	-19	63/30/7
	Magura	34	1	25/30/45	23	-1	75/14/11	2	-28	64/29/7
	Meherpur	33	0	41/44/15	23	-2	75/19/6	0	-25	59/31/9
	Narail	34	2	21/22/57	23	-1	71/17/11	0	-41	65/28/7
Barisal	Satkhira	34	2	23/26/51	24	-1	58/30/12	12	-25	45/28/27
	Barguna	34	3	11/25/64	25	-1	38/47/15	0	-110	49/38/13
	Barisal	35	3	6/15/79	24	-1	56/28/16	0	-76	67/30/3
	Bhola	34	3	12/19/69	26	0	22/54/24	0	-80	61/35/4
	Jhalokati	35	3	6/24/70	24	-1	56/30/14	0	-82	63/33/4
	Patuakhali	34	3	13/24/63	25	0	35/49/16	0	-103	53/39/8
Sylhet	Pirojpur	35	3	7/25/67	24	-1	56/30/13	0	-74	60/34/6
	Habiganj	36	4	3/4/93	24	-1	58/28/14	4	-65	72/24/4
	Maulvibazar	37	4	3/4/93	24	0	50/33/17	5	-77	66/28/5
	Sunamganj	35	4	5/16/79	22	-1	72/21/7	12	-77	57/38/6
	Sylhet	36	4	3/7/90	22	-1	62/26/12	3	-109	57/37/7

2.6 Guidance

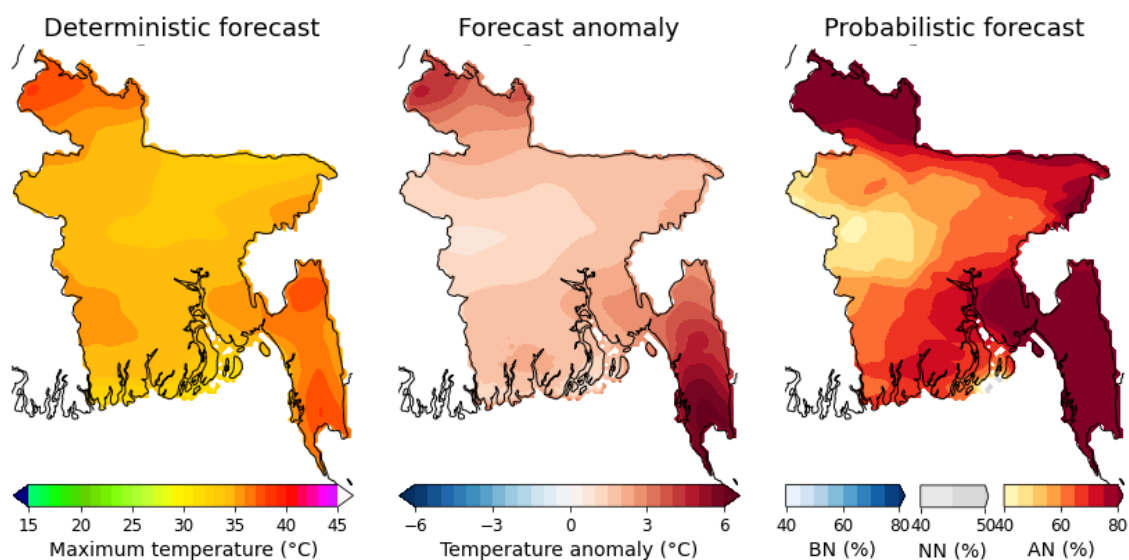
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 12.05.2023 to 25.05.2023)

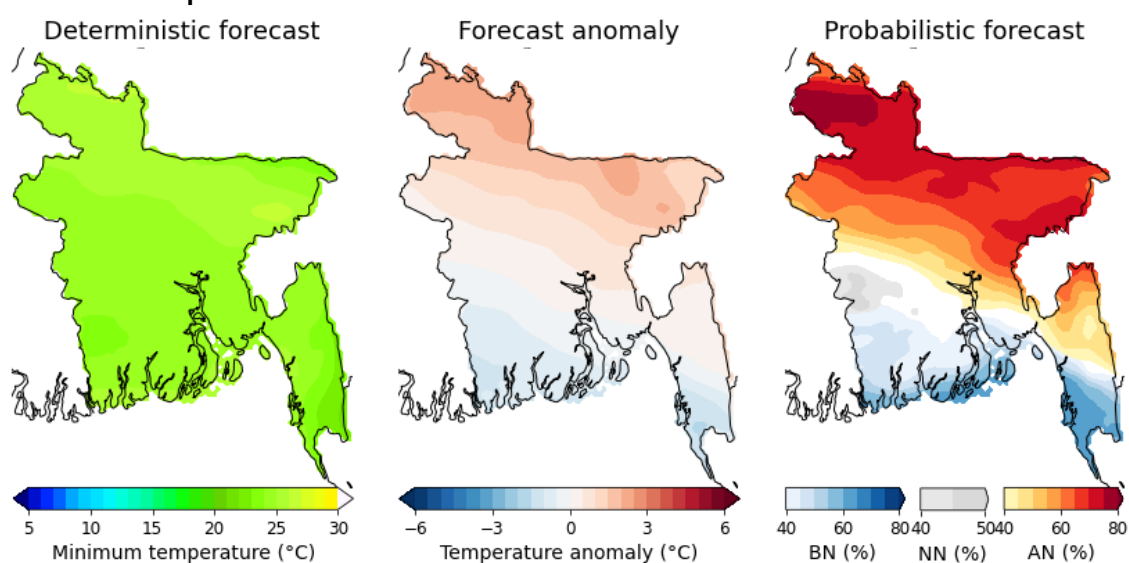
3.2 Significant Information

- Add here the text for significant information.

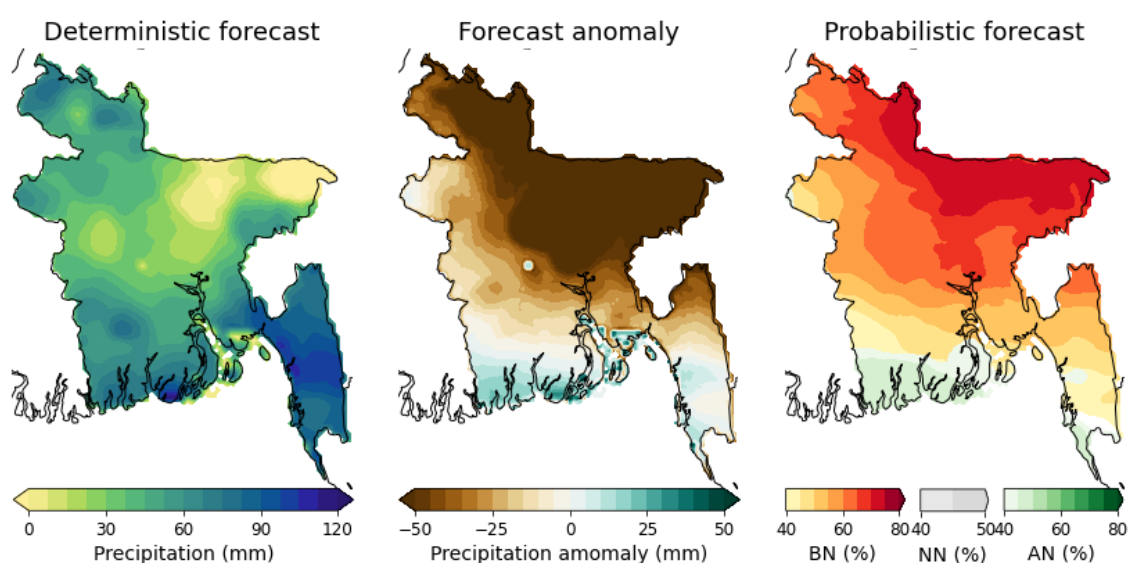
3.2 Maximum Temperature



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	34	1	10/28/62	25	0	25/23/53	24	-57	65/17/17
	Faridpur	34	1	16/25/59	24	0	30/33/37	33	-31	60/17/23
	Gazipur	34	1	7/31/62	25	1	20/20/60	18	-68	67/19/13
	Gopalganj	35	2	14/17/68	24	0	33/38/29	47	-20	54/19/27
	Kishoreganj	34	2	5/33/61	25	1	19/12/69	22	-82	67/21/12
	Madaripur	35	2	12/18/70	24	0	32/31/37	45	-26	57/19/24
	Manikganj	34	1	16/31/53	25	0	27/23/50	28	-46	64/18/18
	Munshiganj	34	2	9/22/68	25	0	28/24/48	34	-41	63/15/22
	Narayanganj	34	2	6/28/66	25	1	24/20/57	25	-55	66/17/17
	Narsingdi	34	2	6/30/64	25	1	20/15/65	21	-61	64/22/14
	Rajbari	34	1	20/30/50	24	0	28/32/40	29	-26	61/16/23
	Shariatpur	35	2	10/18/72	25	0	32/27/41	44	-27	57/19/24
Rajshahi	Bogra	34	2	17/25/58	25	1	25/7/68	43	-45	62/18/20
	Joypurhat	35	2	16/26/59	25	1	24/4/72	48	-38	61/15/23
	Naogaon	35	2	23/20/57	25	1	25/8/67	46	-21	57/15/28
	Natore	34	1	25/26/49	25	1	25/16/59	30	-30	59/16/25
	Nawabganj	35	1	32/19/48	25	1	27/13/60	54	-7	49/16/35
	Pabna	34	1	22/31/47	25	0	26/21/52	23	-35	62/16/23
	Rajshahi	35	1	29/22/49	25	1	27/14/59	43	-21	53/18/29
	Sirajganj	34	1	19/30/51	25	1	24/15/61	35	-54	63/20/17
Rangpur	Dinajpur	36	3	4/16/80	25	2	22/2/75	49	-46	63/16/20
	Gaibandha	35	2	6/21/73	25	2	22/4/74	47	-62	69/14/17
	Kurigram	36	3	0/7/93	26	2	12/14/74	49	-95	74/15/11
	Lalmonirhat	36	3	0/3/97	26	2	13/15/72	57	-75	68/21/11
	Nilphamari	37	3	0/7/93	26	2	17/9/74	46	-63	65/21/14
	Panchagarh	37	4	0/4/96	26	2	13/21/66	67	-48	62/25/13
	Rangpur	35	3	2/16/82	25	2	21/4/75	55	-60	68/17/15
	Thakurgaon	38	4	0/6/94	26	2	18/7/76	70	-40	59/22/18
Mymen- singh	Jamalpur	34	2	7/28/65	25	2	22/7/71	41	-64	69/15/16
	Mymen- singh	34	2	5/35/61	25	1	21/10/69	11	-108	72/14/14
	Netrakona	34	2	6/27/67	25	2	19/11/71	4	-122	72/14/13
	Sherpur	34	2	3/29/68	25	2	21/8/72	32	-91	73/14/14
Chitta- gong	Bandarban	37	6	3/7/89	23	-1	54/19/27	87	0	43/21/36
	Brahamanba ria	34	2	6/29/65	25	1	18/13/69	41	-53	63/22/15
	Chandpur	35	2	6/16/78	25	0	29/24/47	44	-32	58/20/22
	Chittagong	36	4	0/3/97	25	0	44/20/36	90	-6	47/18/35
	Comilla	35	2	3/19/78	25	1	23/22/55	55	-36	59/20/21
	Cox's Bazar	36	6	1/6/93	24	-1	61/6/33	78	1	40/18/42
	Feni	36	3	0/8/92	25	0	31/27/42	87	-28	53/20/27
	Khagrachha ri	37	3	0/10/90	25	0	24/20/56	79	-34	56/17/26
	Lakshmipur	35	2	7/14/79	24	0	42/24/34	57	-18	53/16/31
	Noakhali	34	2	5/15/80	25	0	44/22/34	52	-14	50/18/32
	Rangamati	36	4	2/11/88	24	0	31/21/48	86	-22	53/18/29
Khulna	Bagerhat	34	2	15/17/69	24	-1	46/35/19	65	3	44/15/41
	Chuadanga	35	1	28/21/51	24	0	29/42/30	42	-14	55/14/31
	Jessore	35	2	22/18/60	24	-1	39/43/19	60	-13	48/22/30
	Jhenaidah	35	1	23/23/54	24	0	29/42/28	45	-17	55/16/29
	Khulna	35	2	16/19/66	24	-1	47/36/17	67	2	44/16/40
	Kushtia	34	1	26/28/46	25	0	28/30/42	28	-21	58/14/28
	Magura	35	1	21/23/57	24	0	29/40/30	43	-24	57/18/25
	Meherpur	35	1	29/25/46	25	0	29/34/37	37	-16	56/12/31
	Narail	35	2	18/19/63	24	0	37/38/25	56	-19	52/20/28
	Satkhira	34	2	14/23/64	24	-1	48/36/16	60	6	42/16/42
Barisal	Barguna	34	2	15/14/71	24	-1	50/31/19	78	12	42/13/45
	Barisal	35	2	10/18/72	24	0	40/31/29	49	-11	51/14/35
	Bhola	33	1	17/18/65	25	-1	52/19/28	60	-8	45/14/41
	Jhalokati	35	2	14/15/71	24	0	41/36/23	55	-5	48/14/39
	Patuakhali	33	2	17/15/67	25	-1	51/25/23	73	6	43/13/43
	Pirojpur	35	2	14/15/71	24	-1	42/37/21	57	-2	47/14/39
Sylhet	Habiganj	35	2	4/31/65	26	2	16/14/70	46	-111	68/18/14
	Maulvibazar	35	2	4/19/77	26	2	16/13/71	31	-148	69/20/11
	Sunamganj	33	2	7/20/73	25	2	18/12/70	11	-161	71/16/13

	Sylhet	34	2	5/20/75	24	1	16/15/69	0	-229	71/20/9
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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)