



Weather Impact

WAGENINGEN  
UNIVERSITY & RESEARCH



Issue Date: 23 June 2023

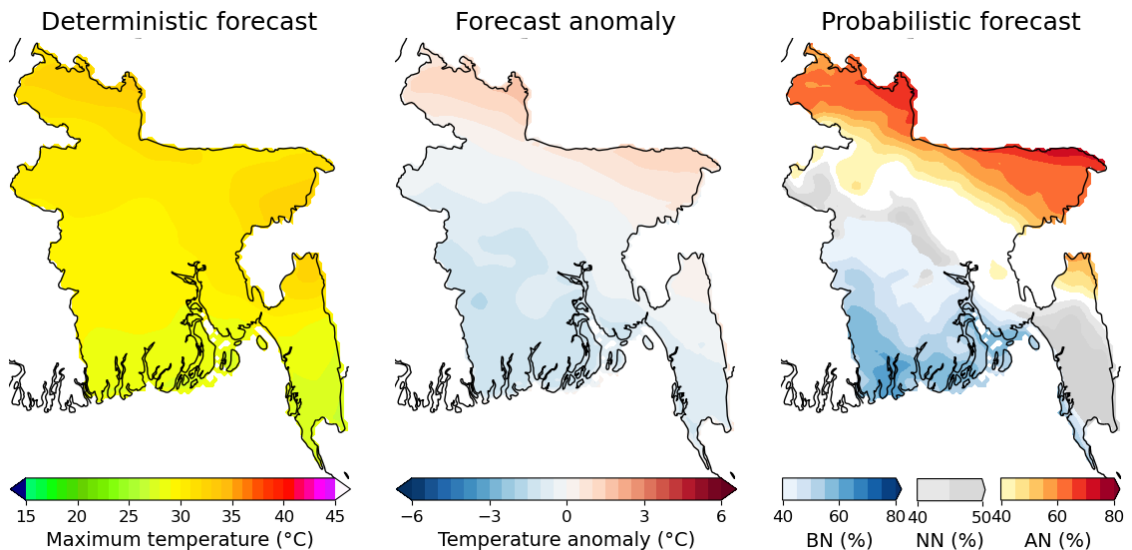
## Subject: Experimental Sub-seasonal forecast for Bangladesh during 23.06.2023 to 20.07.2023

### 1. Weather Forecast for week 1 (Period: 23.06.2023 to 29.06.2023)

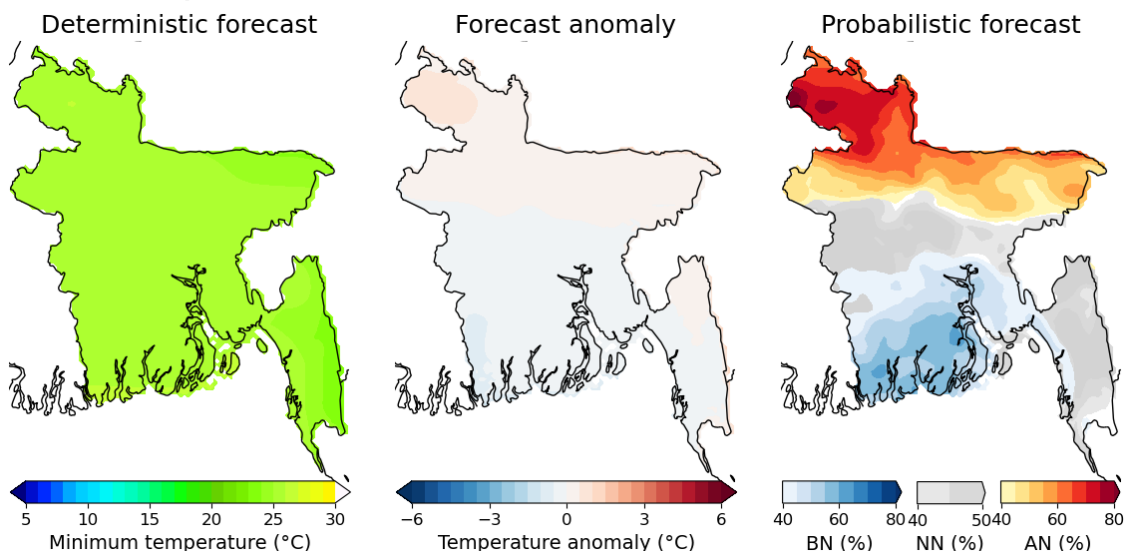
#### 1.1 Significant Information

- Add here the text for significant information.

#### 1.2 Maximum Temperature

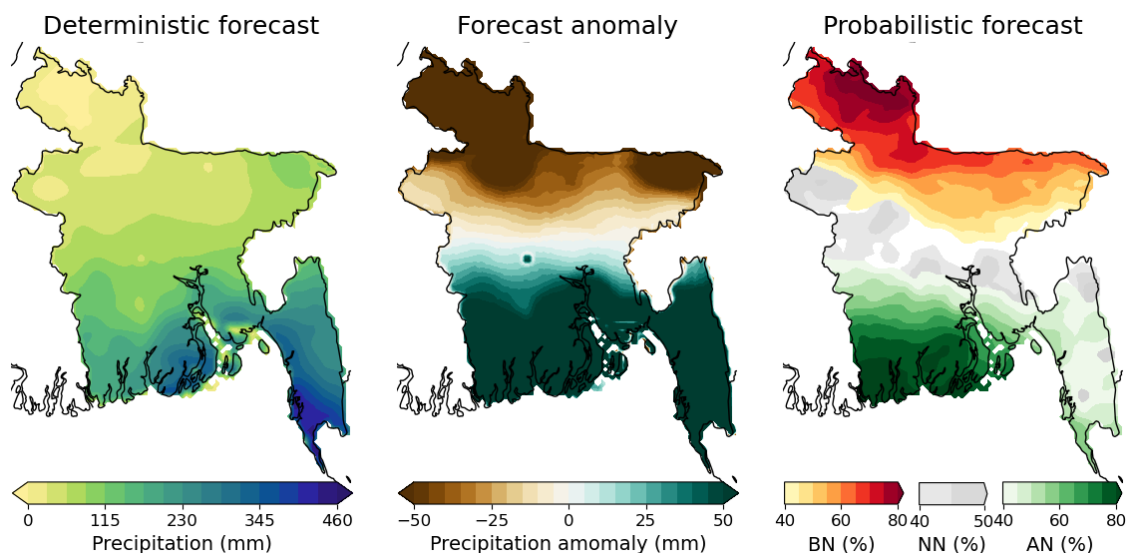


#### 1.3 Minimum Temperature



#### 1.4 Rainfall

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



### 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	30	-1	35/42/23	25	0	38/47/15	81	8	30/38/32
	Faridpur	29	-1	42/46/12	25	0	43/46/11	90	26	15/44/41
	Gazipur	30	0	33/32/35	25	0	29/47/24	64	-8	44/27/30
	Gopalganj	29	-1	42/40/18	25	0	48/42/10	99	46	7/39/55
	Kishoreganj	31	0	31/24/45	25	0	24/29/47	51	-15	51/27/22
	Madaripur	29	-1	42/39/19	25	0	48/39/12	117	51	8/43/49
	Manikganj	30	-1	38/50/12	25	0	36/48/16	73	5	28/40/32
	Munshiganj	30	-1	40/41/19	25	0	46/37/16	109	29	21/43/36
	Narayanganj	30	-1	35/35/30	25	0	40/38/22	90	12	31/38/31
	Narsingdi	30	0	33/33/34	25	0	28/44/28	68	-3	42/30/28
	Rajbari	30	-1	42/47/10	25	0	32/51/17	74	11	24/40/36
Shariatpur	29	-1	45/38/16	25	0	49/37/14	144	58	10/45/44	
Rajshahi	Bogra	30	0	27/35/38	26	0	19/25/56	29	-56	55/33/13
	Joypurhat	30	0	26/32/42	26	0	16/17/67	26	-57	59/30/11
	Naogaon	30	0	27/35/39	26	0	14/31/54	30	-37	43/42/14
	Natore	30	-1	34/38/28	25	0	18/49/32	42	-19	38/41/21
	Nawabganj	30	0	25/41/35	25	0	16/37/47	29	-17	36/47/17
	Pabna	30	-1	41/44/14	25	0	24/51/25	57	-6	29/42/29
	Rajshahi	30	-1	31/44/25	25	0	18/44/38	33	-16	36/44/21
	Sirajganj	30	-1	32/42/26	25	0	22/42/36	47	-26	40/41/19
Rangpur	Dinajpur	31	1	20/26/53	26	1	8/20/72	5	-112	70/22/8
	Gaibandha	31	0	23/24/53	26	0	18/19/64	24	-63	70/22/8
	Kurigram	32	1	20/14/66	25	0	17/17/66	16	-77	76/17/7
	Lalmonirhat	32	1	20/15/65	26	0	15/16/69	4	-103	82/12/6
	Nilphamari	32	1	20/17/63	26	1	14/17/69	0	-127	80/15/5
	Panchagarh	32	1	24/17/59	25	0	27/8/65	4	-96	75/19/6
	Rangpur	32	1	21/21/58	26	0	9/21/70	9	-94	75/19/6
Thakurgaon	32	1	14/25/61	26	1	11/15/74	6	-96	68/25/7	
Mymen- singh	Jamalpur	31	0	26/28/46	26	0	17/24/59	30	-52	66/24/10
	Mymen- singh	31	0	29/26/45	25	0	20/28/51	47	-33	56/26/18
	Netrakona	31	1	27/14/59	25	0	22/24/55	36	-32	61/23/16
	Sherpur	31	0	24/23/53	26	0	11/29/60	35	-45	67/22/10
Chitta- gong	Bandarban	28	-1	34/56/10	24	0	33/45/22	331	127	2/53/45
	Brahamanba ria	31	0	32/31/38	25	0	27/42/31	75	-2	36/36/28
	Chandpur	30	-1	38/34/28	25	0	49/34/17	174	61	15/44/41
	Chittagong	29	-1	35/54/11	25	0	39/46/14	286	102	2/50/47
	Comilla	30	0	34/29/37	25	0	41/39/20	129	28	21/45/34
	Cox's Bazar	28	-1	43/52/4	25	0	38/45/17	392	145	1/48/51
	Feni	30	0	34/40/26	25	0	43/41/16	210	57	9/47/44
Khagrachha ri	31	0	29/35/36	25	0	23/52/26	206	55	14/44/42	

Khulna	Lakshmipur	29	-1	46/40/14	25	0	45/41/14	194	69	7/38/55
	Noakhali	29	-1	47/42/11	25	0	41/43/16	185	64	4/40/56
	Rangamati	30	0	28/41/31	24	0	23/51/26	228	73	7/51/42
	Bagerhat	29	-1	53/38/9	25	0	55/40/5	174	88	0/24/76
	Chuadanga	30	-1	46/43/11	25	0	37/52/11	75	18	17/41/42
	Jessore	29	-1	51/42/6	25	0	41/52/7	127	51	6/36/58
	Jhenaidah	30	-1	47/42/12	25	0	39/51/10	104	28	16/38/45
	Khulna	29	-1	56/38/5	25	0	54/42/4	164	82	0/23/76
	Kushtia	30	-1	42/44/15	25	0	28/56/16	66	4	26/41/33
	Magura	30	-1	44/42/14	25	0	41/48/10	104	29	18/36/46
	Meherpur	30	-1	41/47/11	25	0	33/55/12	58	5	22/41/36
Barisal	Narail	29	-1	45/40/15	25	0	44/46/9	100	41	9/34/57
	Satkhira	29	-1	57/38/5	25	-1	51/47/2	165	84	0/21/79
	Barguna	28	-1	56/36/8	25	0	56/38/5	270	139	0/21/79
	Barisal	29	-1	49/42/9	25	0	56/34/10	196	105	2/32/66
	Bhola	28	-1	54/41/5	26	0	50/41/9	248	102	0/30/70
	Jhalokati	29	-1	51/40/9	25	0	58/32/10	240	133	0/23/77
	Patuakhali	28	-1	54/40/6	25	0	55/37/8	301	146	0/21/78
Sylhet	Pirojpur	29	-1	50/40/11	25	0	57/35/8	204	110	0/25/75
	Habiganj	32	0	28/17/55	25	0	24/34/42	64	-18	47/29/24
	Maulvibazar	32	1	26/12/61	25	0	25/27/47	73	-27	45/31/24
	Sunamganj	31	1	25/12/63	25	0	23/25/52	63	-52	60/25/15
Sylhet	31	1	22/13/66	24	0	24/21/54	88	-77	57/29/14	

## 1.6 Guidance

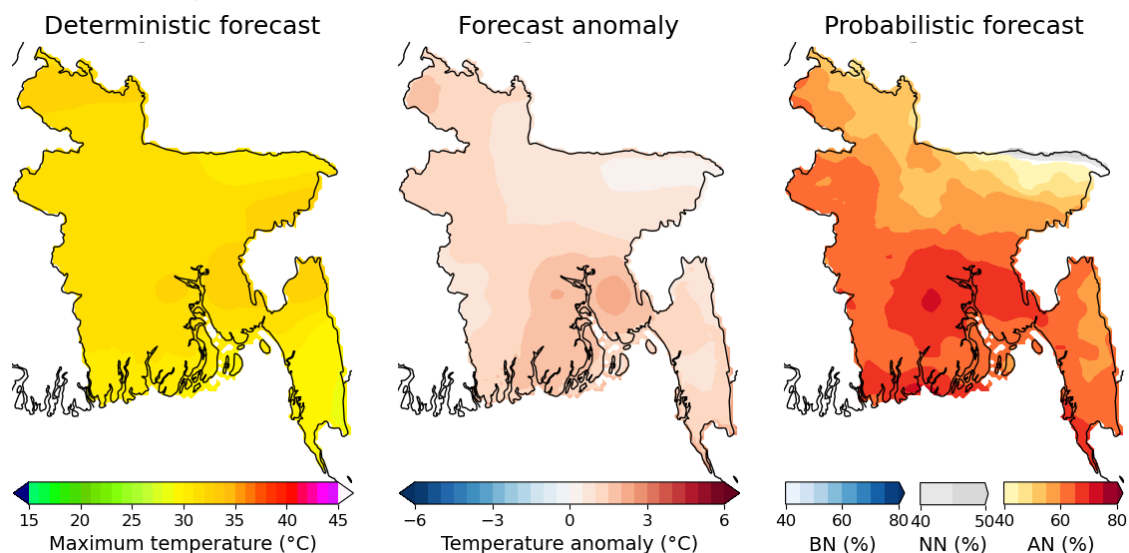
- Add here the text for guidance.

## 2. Weather Forecast for week 2 (Period: 30.06.2023 to 06.07.2023)

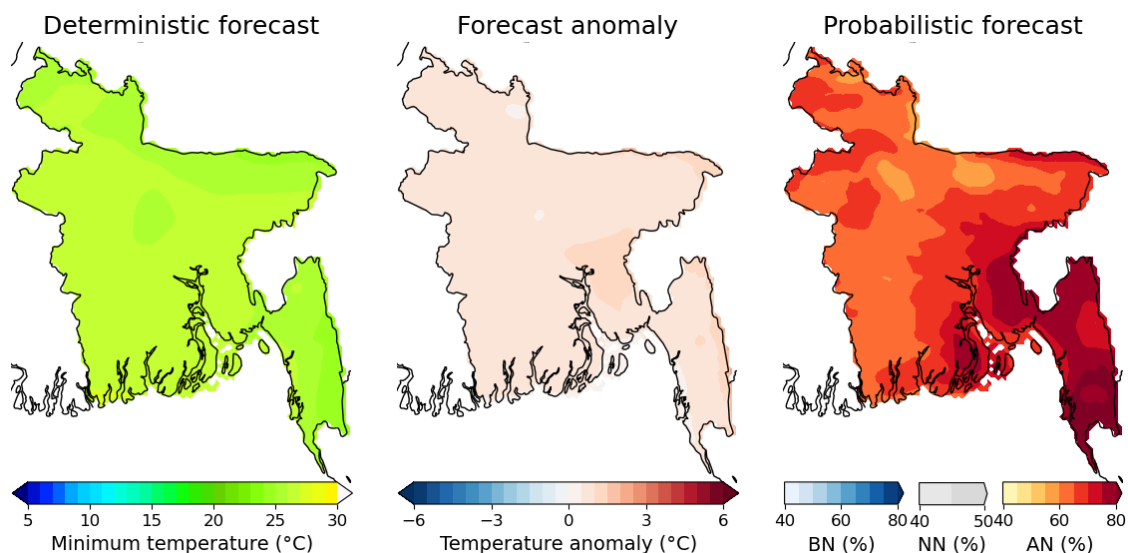
### 2.1 Significant Information

- Add here the text for significant information.

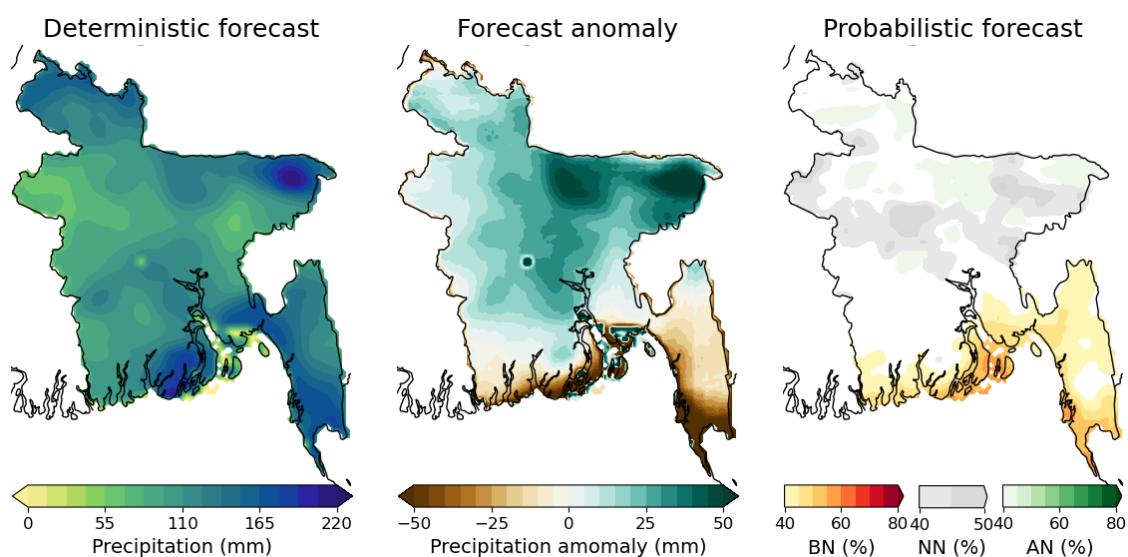
### 2.2 Maximum Temperature



### 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	26/8/66	26	1	20/13/67	118	30	24/41/35
	Faridpur	32	1	25/7/68	26	1	17/19/65	117	25	28/34/37
	Gazipur	32	1	26/13/60	26	1	17/14/69	103	30	23/39/38
	Gopalganj	32	2	25/6/69	26	1	14/20/66	103	20	34/36/30
	Kishoreganj	32	1	27/15/57	26	1	20/12/68	84	26	21/41/38
	Madaripur	32	2	25/5/70	26	1	18/14/68	125	28	32/38/30
	Manikganj	32	1	25/10/65	26	1	20/14/66	110	27	20/42/39
	Munshiganj	32	2	26/5/69	26	1	22/12/66	116	26	29/38/32
	Narayanganj	32	2	26/9/65	26	1	20/11/70	111	26	30/37/33
	Narsingdi	32	1	26/13/61	26	1	19/9/71	92	24	26/42/32
	Rajbari	32	1	25/11/64	26	1	13/24/63	101	20	23/38/39
Shariatpur	32	2	26/5/69	26	1	20/12/67	125	25	32/37/31	
Rajshahi	Bogra	32	1	25/17/58	26	1	13/26/61	94	21	29/32/39
	Joypurhat	32	1	23/18/59	26	1	13/22/66	89	13	27/35/38
	Naogaon	32	1	22/18/61	26	1	14/21/66	77	8	26/37/37
	Natore	32	1	25/14/61	26	1	11/22/67	76	13	24/41/36
	Nawabganj	32	1	19/18/63	26	1	14/22/64	66	1	28/43/29
	Pabna	32	1	25/14/61	26	1	12/25/62	89	21	20/43/37
	Rajshahi	32	1	22/16/62	26	1	11/25/63	68	6	25/41/34

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Rangpur	Sirajganj	31	1	25/18/57	26	1	12/26/62	84	23	23/42/35
	Dinajpur	32	1	21/23/56	26	1	13/22/65	124	15	26/36/38
	Gaibandha	32	1	23/23/54	26	1	15/22/63	106	22	26/36/38
	Kurigram	32	1	23/26/52	26	1	16/23/61	136	20	27/33/40
	Lalmonirhat	32	1	24/25/51	26	1	17/20/63	144	8	26/36/38
	Nilphamari	32	1	23/25/52	26	1	16/21/63	141	10	26/36/38
	Panchagarh	32	1	23/23/54	26	1	24/13/63	145	-4	29/36/34
	Rangpur	32	1	22/24/54	26	1	14/23/64	124	18	27/35/38
Mymen-singh	Thakurgaon	32	2	18/23/59	26	1	14/19/67	150	10	27/36/37
	Jamalpur	31	1	25/20/54	26	1	14/24/62	102	25	29/33/38
	Mymen-singh	31	1	27/19/55	26	1	15/21/63	124	41	24/36/41
	Netrakona	31	0	27/24/49	26	1	17/22/61	119	36	19/41/40
Chitta-gong	Sherpur	32	1	26/19/55	26	1	12/25/62	119	34	26/34/40
	Bandarban	29	1	29/9/62	25	1	6/12/82	157	-34	44/28/28
	Brahamanbaria	32	1	26/13/61	26	1	19/8/73	78	16	26/43/31
	Chandpur	32	2	26/6/68	26	1	17/11/72	116	10	36/35/29
	Chittagong	30	1	26/11/63	26	1	16/9/75	146	-25	44/27/29
	Comilla	32	2	26/9/66	26	1	15/9/76	107	8	36/35/29
	Cox's Bazar	29	1	28/7/65	26	1	6/12/82	149	-93	53/20/27
	Feni	32	2	23/11/65	26	1	16/8/77	164	-6	41/29/30
	Khagrachhari	32	1	24/15/62	26	1	10/13/78	134	-5	43/27/30
	Lakshmipur	31	2	22/14/64	26	1	16/12/72	119	-10	45/30/26
Khulna	Noakhali	31	2	23/14/63	26	1	16/12/73	105	-19	46/28/26
	Rangamati	31	1	26/14/60	25	1	16/9/75	118	-10	42/27/31
	Bagerhat	31	2	22/12/66	26	1	11/24/65	107	-8	39/34/27
	Chuadanga	32	1	24/13/63	26	1	12/25/63	84	6	31/34/35
	Jessore	31	1	25/12/64	26	1	15/22/63	110	12	33/35/32
	Jhenaidah	31	1	24/12/63	26	1	12/25/63	96	10	29/36/35
	Khulna	31	1	22/13/64	26	1	15/21/64	101	-1	38/35/27
	Kushtia	32	1	24/12/63	26	1	12/25/63	87	14	24/39/37
	Magura	32	1	25/11/64	26	1	12/27/61	114	20	28/35/38
Barisal	Meherpur	32	1	23/15/62	26	1	12/24/64	80	6	29/35/36
	Narail	31	1	26/8/66	26	1	14/23/64	105	18	31/38/31
	Satkhira	31	1	21/15/64	27	1	16/21/63	89	-7	40/35/25
	Barguna	31	2	22/13/66	26	1	9/23/69	165	-17	41/31/27
	Barisal	31	2	25/9/66	26	1	14/15/71	119	15	37/34/29
	Bhola	30	1	22/16/63	26	1	14/13/73	126	-46	52/24/25
	Jhalokati	31	2	25/9/65	26	1	10/20/70	126	10	38/35/27
	Patuakhali	31	2	22/14/64	26	1	10/18/73	170	-29	45/28/26
Sylhet	Pirojpur	31	2	24/10/66	26	1	11/23/66	118	3	38/34/28
	Habiganj	32	1	27/17/55	26	1	20/12/68	90	29	21/41/38
	Maulvibazar	32	1	27/21/52	26	1	22/11/67	118	38	22/42/37
	Sunamganj	30	0	25/33/43	25	1	20/14/66	140	30	22/41/37
	Sylhet	31	0	24/35/41	25	1	21/11/68	173	40	25/34/41

## 2.6 Guidance

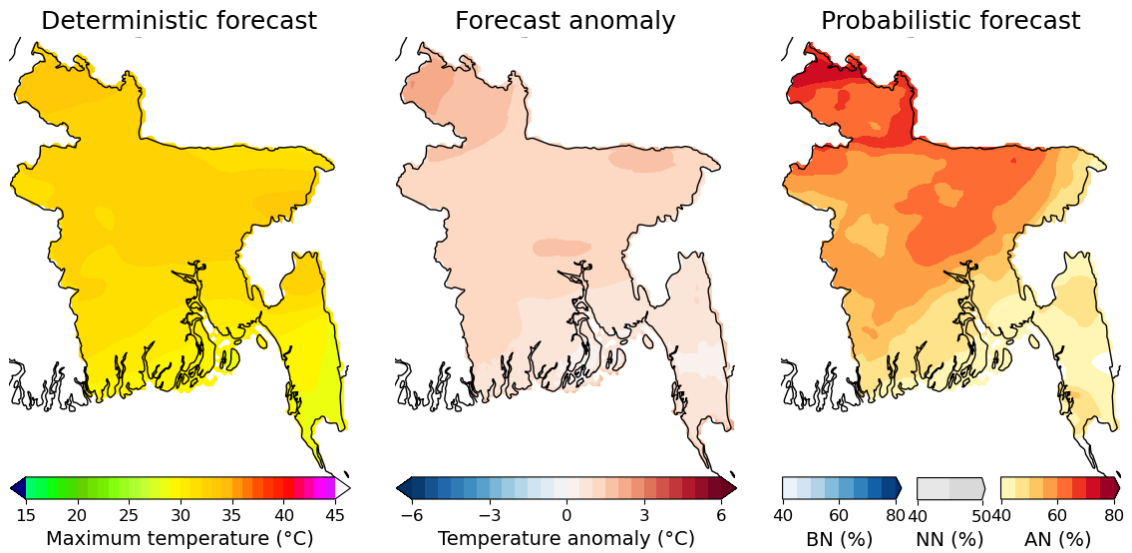
- Add here the text for guidance.

## 3. Weather Outlook for week 3+4 (Period: 07.07.2023 to 20.07.2023)

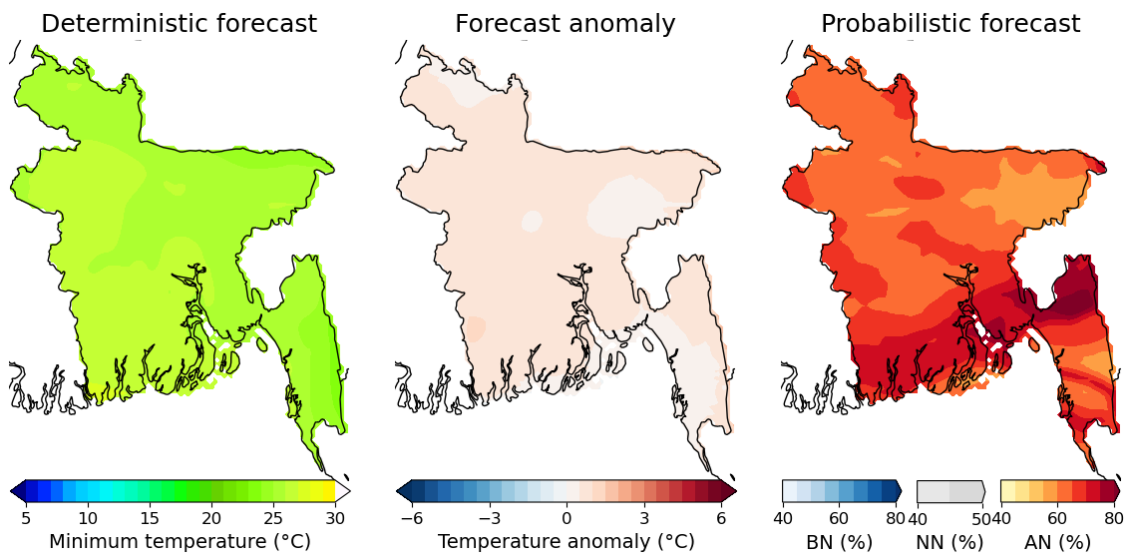
### 3.2 Significant Information

- Add here the text for significant information.

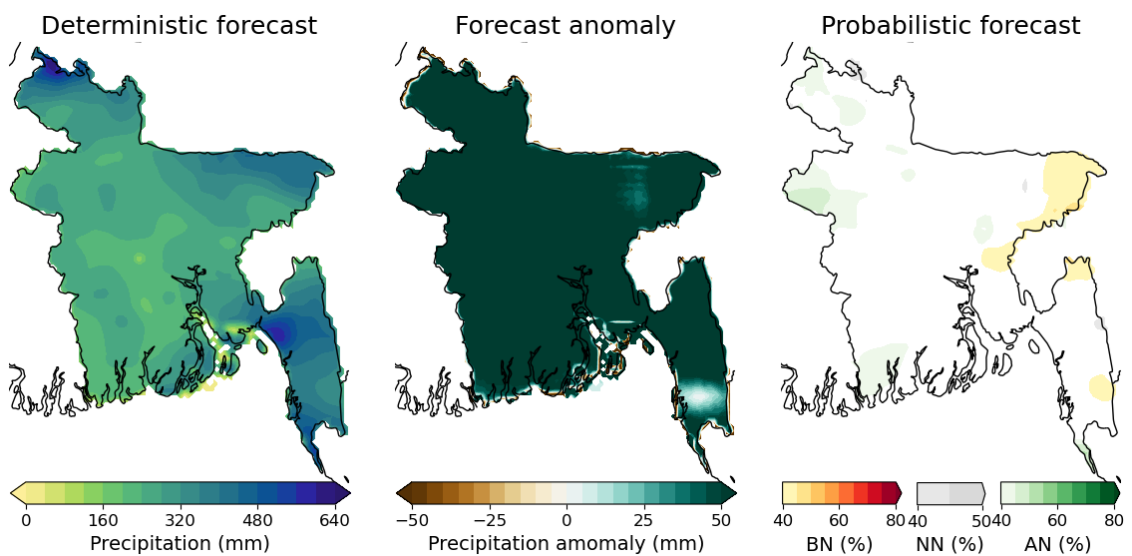
### 3.2 Maximum Temperature



### 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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		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	25/13/62	26	1	20/14/65	250	88	34/30/36
	Faridpur	32	1	25/16/59	26	1	20/17/63	228	91	30/34/36
	Gazipur	32	1	24/13/62	26	1	21/16/63	244	71	35/29/36
	Gopalganj	31	1	27/18/55	26	1	18/18/63	208	81	31/32/37
	Kishoreganj	32	1	20/19/61	26	0	28/12/60	301	58	36/27/37
	Madaripur	31	1	27/19/53	26	1	17/19/64	233	76	30/32/38
	Manikganj	32	1	25/14/61	26	1	21/13/65	227	81	35/29/36
	Munshiganj	32	1	27/18/56	26	1	17/19/64	255	93	30/31/38
	Narayanganj	32	1	26/15/59	26	1	18/16/66	258	86	36/26/39
	Narsingdi	32	1	24/14/62	26	1	21/16/63	252	66	36/24/40
	Rajbari	32	1	24/19/57	26	1	22/15/63	220	91	33/31/35
	Shariatpur	31	1	27/22/51	26	1	17/17/66	249	83	30/33/37
Rajshahi	Bogra	32	1	20/22/58	26	1	24/14/62	261	108	30/32/37
	Joypurhat	32	1	16/23/61	26	1	27/12/61	255	108	30/35/35
	Naogaon	32	1	20/20/61	26	1	24/14/62	252	111	28/34/38
	Natore	32	1	24/20/56	26	1	19/20/61	258	119	33/27/39
	Nawabganj	32	1	20/22/58	26	1	21/13/66	232	92	28/28/44
	Pabna	32	1	25/19/56	26	1	20/18/62	242	104	34/31/35
	Rajshahi	32	1	21/24/55	26	1	20/17/63	273	129	29/27/44
	Sirajganj	32	1	25/16/58	26	1	19/19/62	268	108	33/33/34
Rangpur	Dinajpur	33	2	8/29/64	26	1	29/8/63	293	84	24/37/39
	Gaibandha	32	1	12/23/65	26	1	29/9/62	262	75	28/33/39
	Kurigram	33	1	10/24/66	26	1	29/6/65	320	61	30/33/37
	Lalmonirhat	33	2	12/24/64	26	0	29/7/63	374	70	26/38/36
	Nilphamari	33	2	10/23/67	26	0	29/8/62	376	83	25/37/38
	Panchagarh	33	2	18/12/71	26	0	29/8/63	513	57	24/37/40
	Rangpur	33	2	8/30/62	26	1	29/8/63	308	88	26/37/38
	Thakurgaon	33	2	10/21/69	26	1	29/7/64	372	51	22/38/40
Mymen- singh	Jamalpur	32	1	17/23/60	26	1	26/10/64	258	67	32/30/38
	Mymen- singh	32	1	23/16/61	26	1	27/11/62	293	69	36/29/35
	Netrakona	32	1	19/18/63	25	1	29/9/62	351	61	34/31/35
	Sherpur	32	1	16/23/60	26	1	28/9/63	283	55	35/29/36
Chitta- gong	Bandarban	29	1	28/29/43	24	0	11/24/64	375	42	37/29/34
	Brahamanba ria	32	1	23/21/56	26	1	21/16/63	252	58	39/23/37
	Chandpur	31	1	28/23/49	26	1	17/14/68	284	91	33/31/36
	Chittagong	30	1	30/28/42	26	0	16/17/67	428	98	37/29/35
	Comilla	32	1	28/22/50	26	1	16/15/69	286	85	39/25/36
	Cox's Bazar	29	1	28/27/45	26	0	5/29/66	421	27	33/33/35
	Feni	31	1	28/29/44	26	1	11/14/76	391	88	38/28/34
	Khagrachha ri	32	1	27/27/45	25	1	8/13/78	376	90	38/31/32
	Lakshmipur	31	1	30/24/46	26	1	12/14/74	275	66	35/30/35
	Noakhali	30	1	30/26/44	26	0	11/15/74	274	57	38/28/35
	Rangamati	30	1	30/26/44	25	1	19/11/70	391	114	35/32/33
Khulna	Bagerhat	30	1	29/23/48	26	1	15/15/70	236	65	28/35/38
	Chuadanga	32	1	25/17/58	26	1	18/14/68	262	104	28/37/35
	Jessore	32	1	26/19/55	26	1	20/15/65	258	97	28/35/37
	Jhenaidah	32	1	25/17/57	26	1	19/15/66	245	95	29/35/35
	Khulna	31	1	29/20/51	27	1	15/16/69	249	75	27/34/40
	Kushtia	32	1	25/20/55	26	1	19/19/63	231	101	32/32/36
	Magura	32	1	24/18/58	26	1	22/14/65	256	103	30/35/35
	Meherpur	32	1	26/16/58	26	1	17/17/66	258	106	29/35/36
	Narail	32	1	27/17/57	26	1	21/16/63	257	109	29/34/37
	Satkhira	31	1	28/21/51	27	1	13/18/69	216	56	26/34/40
Barisal	Barguna	30	1	30/26/45	26	1	11/19/70	272	54	29/34/36
	Barisal	31	1	29/23/48	26	1	14/16/71	226	68	33/31/36
	Bhola	30	0	31/26/43	26	0	9/21/70	286	20	33/31/36
	Jhalokati	30	1	29/23/47	26	1	10/19/71	232	62	31/31/37
	Patuakhali	30	0	30/26/43	26	1	9/23/68	301	39	32/31/37
	Pirojpur	31	1	30/23/48	26	1	14/15/70	226	66	30/32/38
Sylhet	Habiganj	33	1	22/22/56	26	0	28/15/58	268	46	38/27/35
	Maulvibazar	33	1	27/24/49	26	1	23/19/57	303	92	43/20/37
	Sunamganj	32	2	19/19/62	25	1	29/11/60	381	47	32/35/33

	Sylhet	32	1	26/23/51	25	1	25/13/62	404	103	42/21/37
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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"> <li>• Light rain</li> <li>• Moderate rain</li> <li>• Moderately Heavy</li> <li>• Heavy rain</li> <li>• Very heavy rain</li> </ul>	2-20 mm/day 22-22 mm/day 23-43 mm/day Heavy rain: 44-88 mm/day Very heavy rain: $\geq 89$ mm/day
Probabilistic values <ul style="list-style-type: none"> <li>• AN (%)</li> <li>• NN (%)</li> <li>• BN (%)</li> </ul>	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"> <li>• Anomaly</li> </ul>	The difference between the deterministic value and the climatology (Climatology = Deterministic - Anomaly)