



Weather Impact



Issue Date: 05 April 2024

## Subject: Experimental Sub-seasonal forecast for Bangladesh during 05.04.2024 to 02.05.2024

### 1. Significant information

#### 1.1 Significant Information week 1 (Period: 05.04.2024 to 11.04.2024)

- Maximum temperature is likely to be above normal over the country. Minimum temperature is likely to be normal to above normal over the country. Rainfall is likely to be below normal over the country.

##### 1.1.1 Significant Agromet Advisories for the period: 05.04.2024 to 11.04.2024

- *Most parts of the country will be warm & humid. As a result, there will be chance of pest & disease incidences on the standing crops.*
- *Spraying, fertilizer application and harvesting may be done on next few days because no rainfall is expected.*
- *As warm and humid weather is prevailing during this period, farmers are advised to keep vigil for insect pests & disease control. Farmers are also advised to apply irrigation as per the crop need.*
- *Harvest the ripened Boro rice. After harvesting, immediately keep it in a safe and dry place for drying of grains.*

#### 1.2 Significant Information week 2 (Period: 12.04.2024 to 18.04.2024)

- Maximum temperature is likely to be normal to above normal over the country. Minimum temperature is likely to be normal over the country. Rainfall is likely to be below normal over the country.

##### 1.2.1 Significant Agromet Advisories for the period: 12.04.2024 to 18.04.2024

- *Most parts of the country will be warm & humid. As a result, there will be chance of pest & disease incidences on the standing crops.*
- *Spraying, Fertilizer application and harvesting may be done on next few days because no rainfall is expected.*
- *Remove weeds and keep the bunds clean on vegetable crops. Be careful about pest & disease control.*
- *Most parts of the country are likely to face moisture stress condition. Thus, farmers are advised to irrigate the field.*
- *Harvest the ripened Boro rice. After harvesting, immediately keep it in a safe and dry place for drying of grains.*

#### 1.3 Significant Information week 3+4 (Period: 19.04.2024 to 02.05.2024)

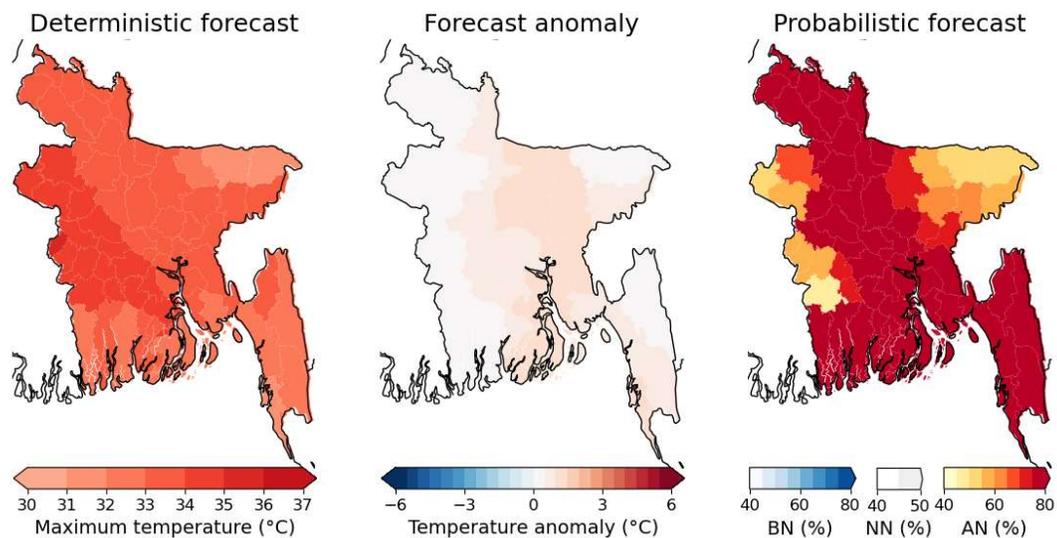
- Maximum temperature is likely to be above normal over the country. Minimum temperature is likely to be normal to above normal over the country. Rainfall is likely to be normal to below normal over the country.

### 1.3.1 Significant Agromet Advisories for the period: 19.04.2024 to 02.05.2024

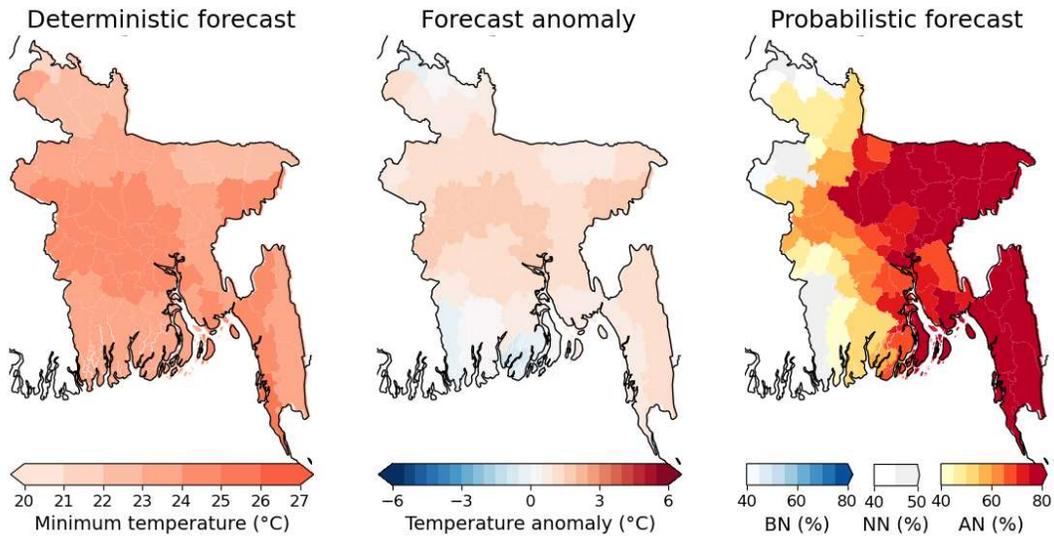
- *There seems to be possibility of light rainfall during this period. Most parts of the country will be warm & humid. As a result, there will be chance of pest & disease incidences on the standing crops.*
- *Spraying, fertilizer application and harvesting may be done on next few days because light rainfall or no rainfall is expected.*
- *In vegetable fields, remove weeds by hand. Keep the bunds and irrigation channel clean.*
- *Be careful about pest & disease control, also fertilizer & micronutrient management on vegetable crops.*
- *Most parts of the country are likely to face moisture stress condition. Thus, farmers are advised to irrigate the field.*

## 2. Weather Forecast for week 1 (Period: 05.04.2024 to 11.04.2024)

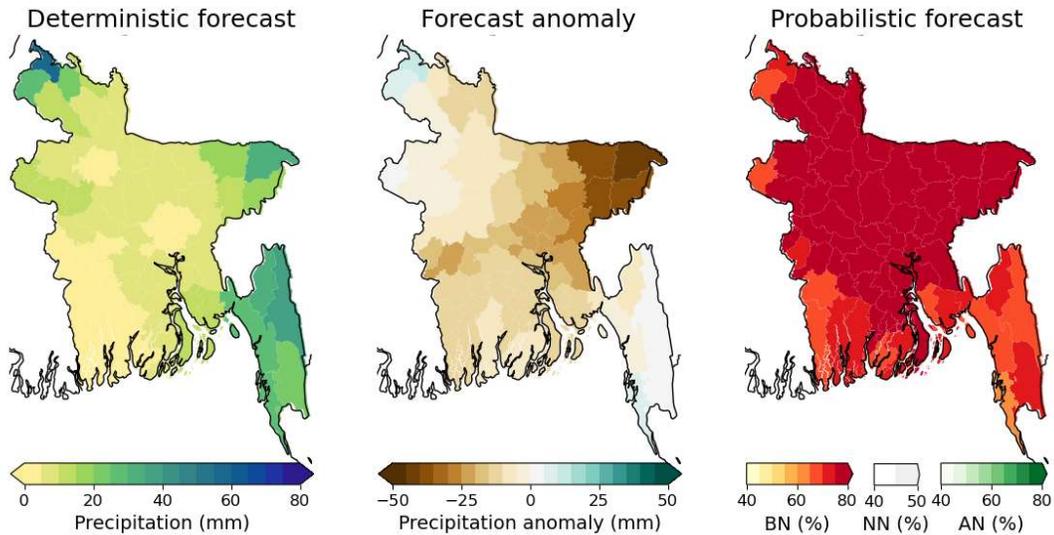
### 2.1 Weekly Average Maximum Temperature



### 2.2 Weekly Average Minimum Temperature



### 2.3 Weekly Rainfall Sum



### 2.4 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	1	0/17/83	24	2	0/28/72	2	-21	92/8/0
	Faridpur	34	1	0/19/81	24	1	0/37/63	6	-15	87/11/2
	Gazipur	34	1	0/19/81	24	2	0/28/72	3	-22	92/8/0
	Gopalganj	34	1	2/20/78	24	1	0/39/61	6	-13	82/16/2
	Kishoreganj	34	1	0/38/62	24	1	2/19/79	6	-28	88/12/0
	Madaripur	34	1	0/17/83	24	1	0/34/66	5	-13	84/14/2
	Manikganj	34	1	0/17/83	24	1	0/32/68	5	-17	92/8/0
	Munshiganj	34	1	0/17/83	24	2	0/21/79	5	-18	90/10/0
	Narayanganj	34	1	0/17/83	24	2	0/16/84	5	-22	92/8/0
	Narsingdi	34	1	0/29/71	24	1	0/22/78	3	-23	87/13/0
	Rajbari	34	1	0/21/79	24	1	0/42/58	5	-17	87/13/0
Shariatpur	34	1	0/17/83	24	1	0/31/69	7	-14	80/18/2	
Rajshahi	Bogra	34	0	0/19/81	24	1	5/36/59	4	-5	87/13/0
	Joypurhat	34	0	0/19/81	24	1	8/49/43	10	-2	77/21/2
	Naogaon	34	0	2/29/69	24	1	18/47/35	10	-3	75/23/2
	Natore	34	0	0/19/81	24	2	2/35/63	12	-2	89/11/0
	Nawabganj	35	0	10/38/52	24	1	40/11/48	14	2	68/32/0
	Pabna	34	1	0/21/79	24	2	0/36/64	8	-9	94/6/0
Rajshahi	35	0	2/40/57	24	1	14/34/52	13	0	82/18/0	

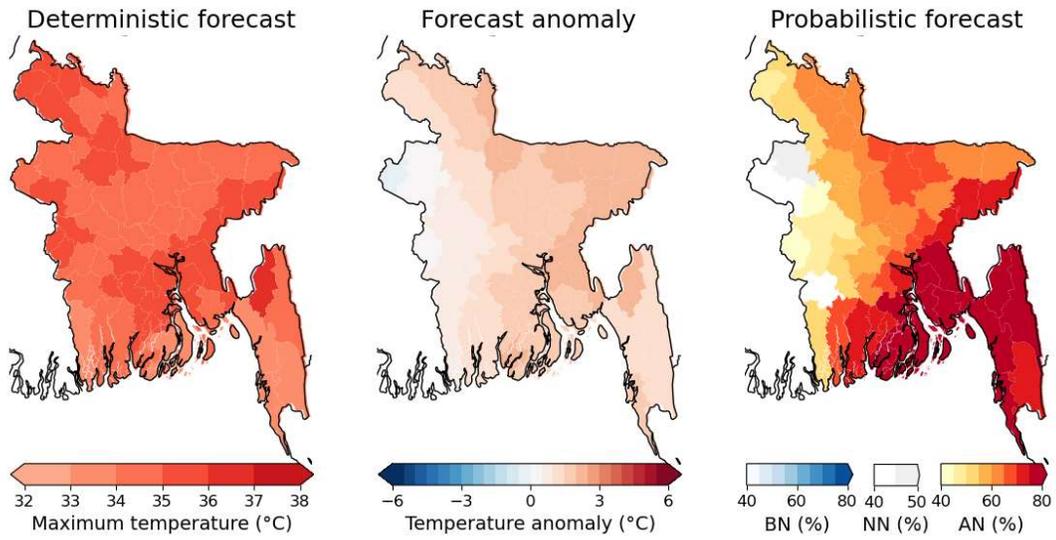
Rangpur	Sirajganj	34	1	0/19/81	24	2	2/20/78	6	-9	90/10/0
	Dinajpur	33	0	0/14/86	23	1	21/29/49	15	-2	76/22/2
	Gaibandha	33	1	0/17/83	23	1	12/37/51	6	-7	88/12/0
	Kurigram	33	1	0/10/90	22	1	36/13/51	7	-12	85/15/0
	Lalmonirhat	33	0	0/10/90	22	0	41/21/37	13	-13	82/15/2
	Nilphamari	34	0	0/7/93	22	0	34/29/37	20	-6	76/19/5
	Panchagarh	34	0	0/2/98	21	0	38/46/16	57	15	71/24/5
Mymensingh	Rangpur	33	0	0/10/90	23	1	24/26/50	9	-11	82/18/0
	Thakurgaon	34	0	0/2/98	23	1	23/40/37	29	8	69/26/5
	Jamalpur	34	1	0/10/90	23	1	7/18/75	5	-9	88/12/0
	Mymensingh	33	1	0/26/74	23	1	5/20/76	8	-19	93/7/0
Chittagong	Netrakona	33	1	0/40/60	23	1	10/12/78	9	-21	88/12/0
	Sherpur	33	1	0/17/83	23	1	7/27/66	7	-13	86/14/0
	Bandarban	33	1	0/3/97	24	1	0/14/86	24	2	71/29/0
	Brahmanbaria	33	1	0/29/71	24	1	0/18/82	6	-27	87/13/0
	Chandpur	34	1	0/14/86	24	1	0/28/72	9	-17	81/19/0
	Chittagong	32	1	0/5/95	25	1	0/8/92	30	-1	67/32/0
	Comilla	34	1	0/17/83	24	1	0/34/66	8	-24	82/18/0
	Cox's Bazar	32	1	0/2/98	25	1	0/2/98	25	9	65/35/0
	Feni	34	1	0/7/93	24	1	0/29/71	30	-6	74/26/0
	Khagrachhari	34	0	0/7/93	24	1	0/18/82	35	-8	72/28/0
Khulna	Lakshmipur	34	1	0/7/93	24	1	0/29/71	11	-14	70/30/0
	Noakhali	32	1	0/7/93	24	1	0/24/76	12	-12	71/29/0
	Rangamati	33	0	0/7/93	23	1	0/12/88	39	2	69/31/0
	Bagerhat	33	0	0/7/93	24	0	0/47/53	4	-9	71/27/2
	Chuadanga	35	0	2/38/59	25	2	0/50/50	0	-16	72/28/0
	Jessore	34	0	2/48/50	24	1	5/59/35	0	-15	69/29/1
	Jhenaidah	34	0	2/38/60	24	1	0/57/43	2	-24	75/25/0
	Khulna	33	0	2/14/83	24	0	5/54/41	3	-11	71/26/3
	Kushtia	35	0	0/21/79	25	2	0/36/64	8	-10	89/11/0
	Magura	34	1	2/27/70	24	1	0/52/48	4	-19	82/18/0
Barisal	Meherpur	35	0	2/42/56	25	2	0/41/59	4	-10	75/25/0
	Narail	34	1	2/25/72	24	1	2/46/52	5	-13	78/19/2
	Satkhira	33	0	2/17/80	24	0	9/63/28	0	-14	70/30/0
	Barguna	33	1	0/2/98	23	-1	0/43/57	5	-8	67/31/2
	Barisal	34	1	0/10/90	24	1	0/29/71	7	-12	76/22/2
	Bhola	32	1	0/2/98	24	0	0/23/77	11	-11	75/25/0
	Jhalokati	34	1	0/7/93	24	1	0/46/54	6	-11	76/21/2
Sylhet	Patuakhali	33	1	0/0/100	24	0	0/34/66	7	-8	70/30/0
	Pirojpur	34	1	0/7/93	24	1	0/46/54	5	-10	78/20/2
	Habiganj	33	1	0/38/62	24	2	0/12/88	14	-37	92/8/0
	Maulvibazar	33	1	0/40/60	24	2	0/14/86	19	-36	88/12/0
Sylhet	Sunamganj	32	0	0/48/52	22	1	7/12/80	17	-36	92/8/0
	Sylhet	31	0	0/48/52	23	1	3/16/82	32	-41	80/20/0

## 2.5 Guidance

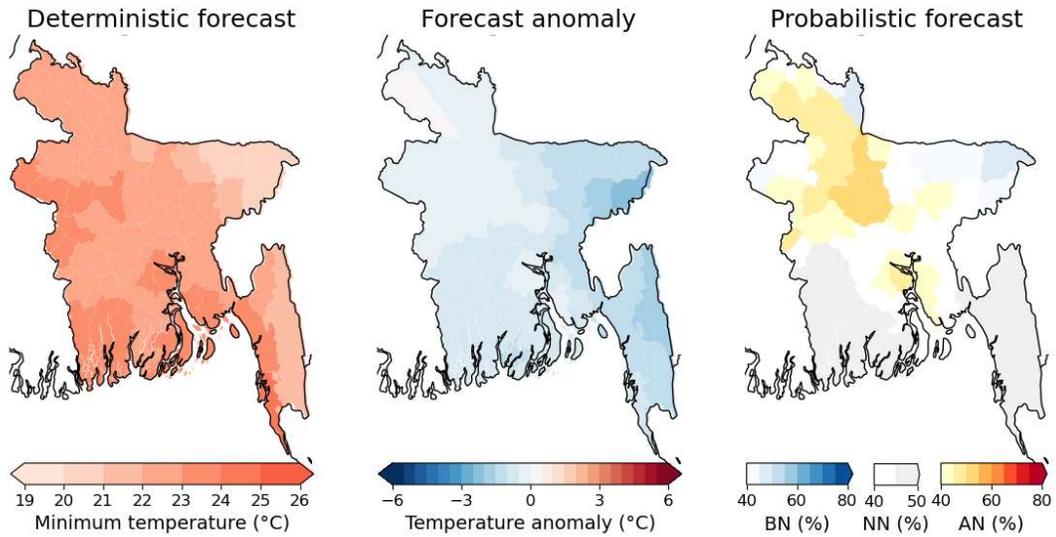
- Add here the text for guidance.

## 3. Weather Forecast for week 2 (Period: 12.04.2024 to 18.04.2024)

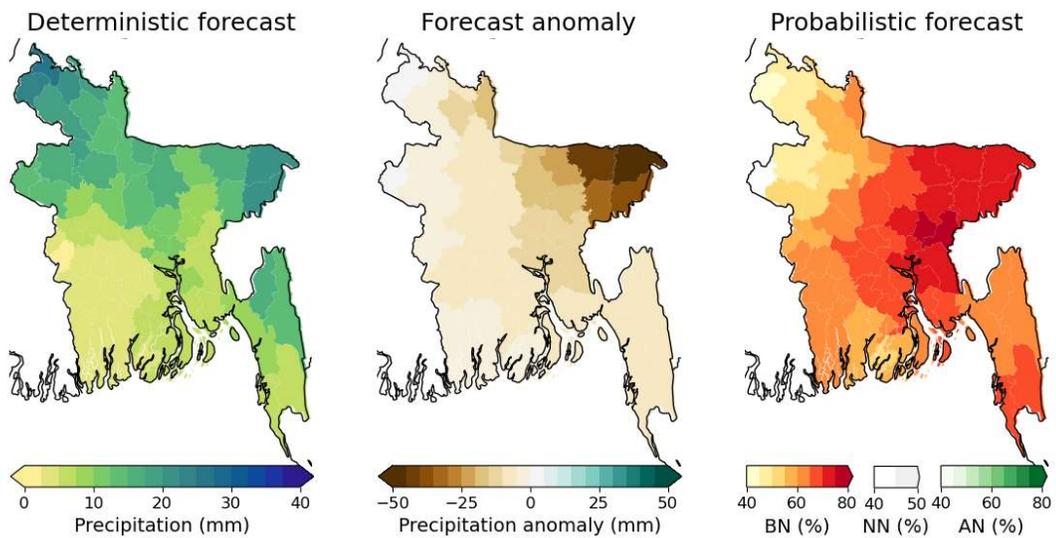
### 3.1 Weekly Average Maximum Temperature



### 3.2 Weekly Average Minimum Temperature



### 3.3 Weekly Rainfall Sum



### 3.4 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	2	7/31/62	23	-1	36/26/38	10	-12	69/19/12
	Faridpur	35	1	14/29/56	23	-1	33/37/30	4	-8	65/21/14
	Gazipur	35	2	7/29/64	23	0	36/22/42	12	-12	70/21/9
	Gopalganj	35	2	14/25/61	23	-1	29/35/35	5	-8	67/21/13
	Kishoreganj	35	2	7/29/64	22	-1	30/28/42	9	-17	73/25/2
	Madaripur	35	2	12/19/69	23	0	27/29/44	4	-8	65/24/11
	Manikganj	35	1	10/33/58	23	-1	37/33/30	7	-9	68/19/13
	Munshiganj	35	2	7/24/69	23	0	32/25/43	9	-11	71/16/13
	Narayanganj	35	2	7/24/69	23	-1	36/25/38	11	-14	71/20/9
	Narsingdi	35	2	7/26/67	23	-1	35/27/38	8	-14	76/16/7
	Rajbari	35	1	20/29/51	23	-1	30/41/29	4	-6	67/17/17
Shariatpur	35	2	10/20/70	23	0	27/25/48	6	-9	67/25/8	
Rajshahi	Bogra	35	1	15/30/55	23	0	27/27/47	16	-6	54/26/20
	Joypurhat	35	1	15/33/52	23	0	26/32/42	19	-3	49/30/21
	Naogaon	35	0	17/46/37	23	0	35/32/33	16	-1	50/25/26
	Natore	35	1	20/36/45	23	0	26/28/46	10	-4	54/22/24
	Nawabganj	35	0	30/41/29	24	0	45/16/39	13	0	39/27/34
	Pabna	35	1	20/33/48	23	0	27/32/41	6	-6	60/21/19
	Rajshahi	35	0	22/39/39	23	0	31/29/40	13	-3	50/25/25
	Sirajganj	35	1	15/27/58	23	0	27/23/50	11	-8	61/25/14
Rangpur	Dinajpur	35	1	15/31/54	23	0	34/17/49	19	-3	46/30/24
	Gaibandha	35	2	14/22/63	22	0	33/20/47	14	-8	58/22/19
	Kurigram	35	2	15/24/61	22	0	48/6/46	13	-16	61/17/21
	Lalmonirhat	35	2	15/24/61	22	0	43/19/38	19	-10	52/22/25
	Nilphamari	36	2	15/25/60	23	0	38/21/42	21	-4	49/25/26
	Panchagarh	36	2	12/34/53	22	0	27/36/37	26	1	46/28/25
	Rangpur	35	2	15/24/61	23	0	36/16/48	17	-10	55/23/22
	Thakurgaon	36	1	15/40/45	23	0	25/30/45	24	3	45/25/30
Mymensingh	Jamalpur	35	2	10/27/64	23	0	24/26/50	15	-7	59/24/17
	Mymensingh	35	2	7/26/67	22	-1	37/23/39	16	-16	69/25/6
	Netrakona	34	2	10/24/66	21	-1	41/26/33	12	-22	70/28/2
	Sherpur	35	2	7/27/66	22	-1	28/31/41	16	-11	64/22/13
Chittagong	Bandarban	34	1	3/23/74	22	-1	27/52/22	5	-8	67/25/8
	Brahmanbaria	35	2	7/21/71	22	-1	34/33/33	7	-14	75/23/1
	Chandpur	35	2	7/17/76	23	-1	30/29/42	8	-11	73/22/5
	Chittagong	33	1	2/17/80	23	-1	24/56/20	10	-8	63/27/9
	Comilla	35	2	7/17/76	22	-1	33/45/22	7	-10	74/22/4
	Cox's Bazar	33	2	3/16/81	24	-1	13/47/40	5	-8	66/26/8
	Feni	36	2	10/12/79	23	-1	28/51/21	10	-8	65/25/10
	Khagrachhari	36	2	7/15/78	22	-1	36/45/19	15	-8	63/27/9
	Lakshmipur	35	2	7/14/79	23	0	22/33/44	6	-10	70/23/7
	Noakhali	34	2	7/14/79	24	-1	22/39/38	5	-9	67/25/8
	Rangamati	35	1	10/13/78	21	-2	35/51/14	14	-8	64/29/7
Khulna	Bagerhat	34	1	12/13/75	23	-1	24/51/25	5	-3	59/27/14
	Chuadanga	35	0	23/35/42	23	0	20/44/36	2	-5	61/21/18
	Jessore	35	1	23/38/39	23	-1	29/53/18	5	-7	63/23/14
	Jhenaidah	35	1	21/34/45	23	-1	27/46/27	3	-7	64/18/18
	Khulna	35	1	14/20/65	23	-1	26/55/19	4	-2	61/28/10
	Kushtia	35	1	20/33/47	23	0	22/36/42	5	-5	58/21/20
	Magura	35	1	20/29/51	23	-1	31/46/23	4	-7	65/19/17
	Meherpur	35	0	23/34/43	23	0	21/32/47	3	-5	55/24/20
	Narail	35	1	18/31/51	23	-1	24/49/27	5	-7	63/23/14
	Satkhira	34	1	15/34/51	23	-1	24/59/18	4	-2	63/21/15
Barisal	Barguna	34	2	10/10/81	23	-1	28/47/25	5	-4	55/30/15
	Barisal	36	2	12/13/75	23	-1	28/40/32	5	-7	66/25/9
	Bhola	34	2	7/15/78	24	-1	22/41/37	6	-8	60/32/8
	Jhalokati	36	2	12/13/75	23	-1	30/54/16	6	-6	62/27/11
	Patuakhali	34	2	10/12/78	23	-1	25/50/25	5	-5	57/34/10
	Pirojpur	35	2	12/13/75	23	-1	30/53/17	6	-5	60/29/11
Sylhet	Habiganj	35	2	10/20/71	21	-2	38/35/27	13	-31	71/28/1
	Maulvibazar	36	2	10/18/73	21	-2	44/44/12	22	-39	70/27/3

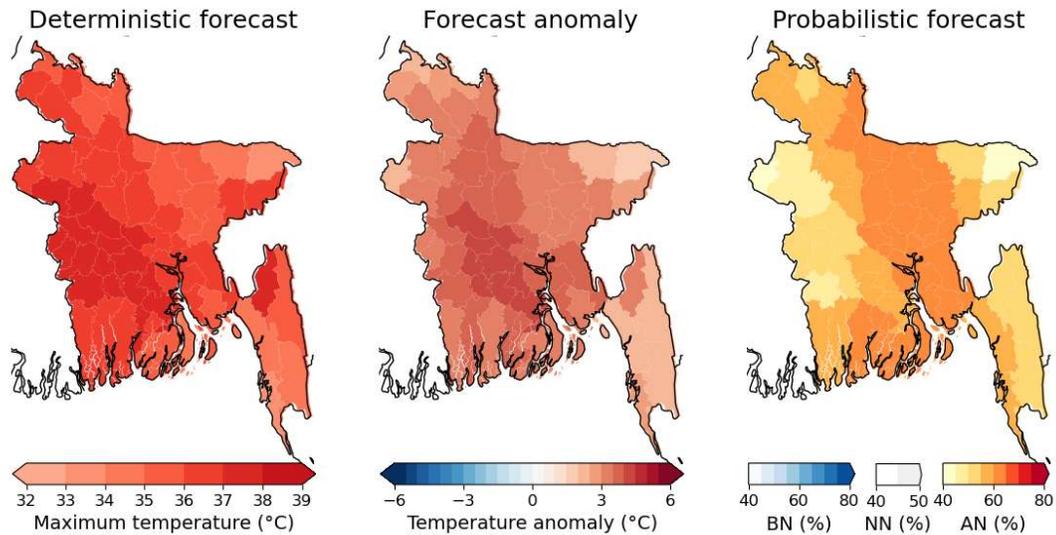
Sunamganj	34	2	10/30/61	21	-1	41/36/23	16	-42	71/28/1
Sylhet	34	2	10/27/63	20	-1	49/39/12	22	-70	71/26/3

### 3.5 Guidance

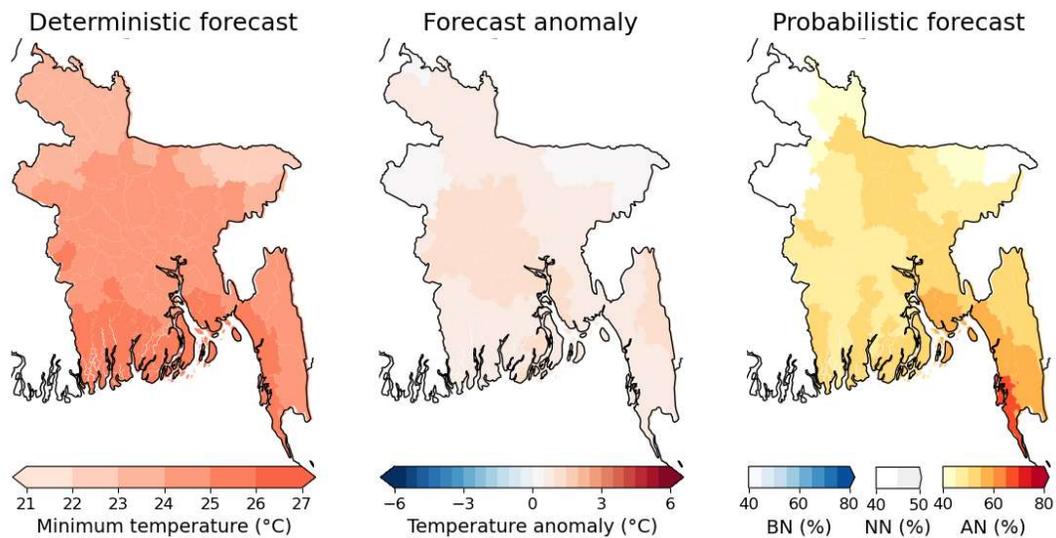
- Add here the text for guidance.

## 4. Weather Outlook for week 3+4 (Period: 19.04.2024 to 02.05.2024)

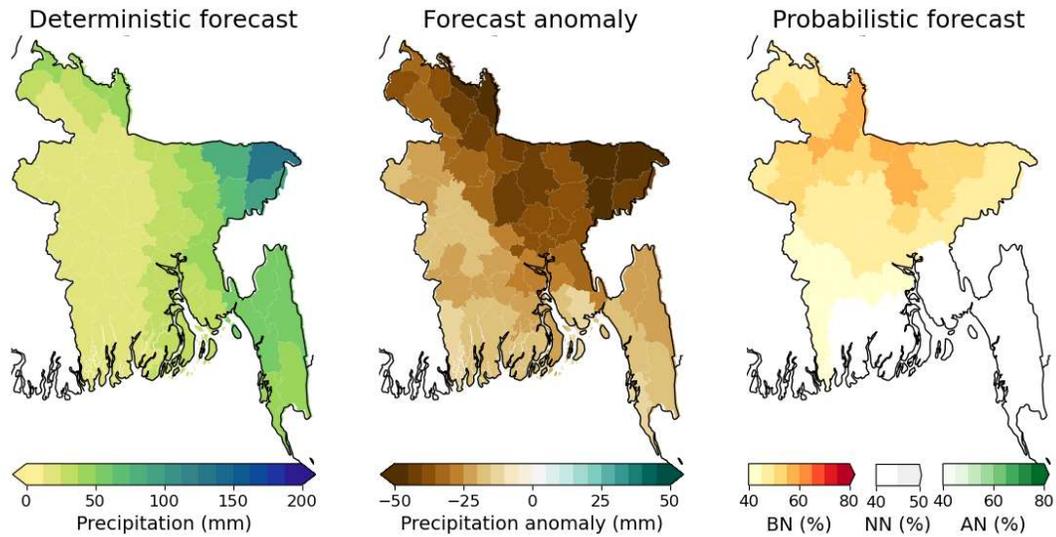
### 4.1 Two-weekly Average Maximum Temperature



### 4.2 Two-weekly Average Minimum Temperature



### 4.3 Two-weekly Rainfall Sum



#### 4.4 Forecast information at District level

Division	District	Maximum Temperature (°C)			Minimum Temperature (°C)			Rainfall (mm)		
		Determi-nistic	Anomaly	Probabilistic (BN/NN/AN)	Determi-nistic	Anomaly	Probabilistic (BN/NN/AN)	Determi-nistic	Anomaly	Probabilistic (BN/NN/AN)
Dhaka	Dhaka	37	4	23/13/64	25	1	30/21/50	30	-36	47/25/28
	Faridpur	38	4	29/12/60	25	1	22/31/47	20	-22	47/24/29
	Gazipur	36	3	24/13/64	25	1	27/23/50	30	-39	50/22/27
	Gopalganj	37	4	28/15/57	25	1	22/27/51	20	-23	41/31/28
	Kishoreganj	36	3	24/12/64	24	1	29/22/49	42	-38	51/24/25
	Madaripur	37	4	28/12/60	25	1	26/24/50	28	-30	42/33/26
	Manikganj	37	4	27/13/61	25	1	27/24/49	22	-28	45/26/29
	Munshiganj	37	4	23/14/63	25	1	29/22/49	32	-30	46/24/30
	Narayanganj	36	3	23/13/64	25	1	29/21/50	35	-38	46/25/29
	Narsingdi	36	3	24/13/63	24	1	31/18/51	33	-35	49/22/29
	Rajbari	38	4	27/19/54	25	1	24/28/48	20	-18	46/26/28
Shariatpur	37	4	23/15/62	25	1	26/21/52	29	-28	42/31/27	
Rajshahi	Bogra	37	4	23/19/57	24	1	18/36/46	18	-31	50/28/22
	Joypurhat	37	3	24/19/57	24	1	22/34/44	20	-32	56/19/25
	Naogaon	37	3	28/23/48	24	0	28/35/36	20	-22	52/21/27
	Natore	37	4	27/24/49	25	1	22/29/49	21	-18	49/25/26
	Nawabganj	37	2	32/25/44	24	0	39/27/34	16	-19	48/22/30
	Pabna	38	4	27/21/52	25	1	23/27/49	21	-18	50/27/23
	Rajshahi	37	3	30/24/46	24	0	25/39/36	18	-20	52/20/29
	Sirajganj	37	4	26/18/55	25	1	20/32/48	20	-30	47/29/24
Rangpur	Dinajpur	36	3	25/18/57	24	1	30/33/37	24	-34	54/22/24
	Gaibandha	36	4	23/12/64	24	1	22/28/50	23	-42	56/23/21
	Kurigram	36	3	21/16/63	23	1	28/27/44	41	-60	56/28/16
	Lalmonirhat	36	3	21/20/60	23	1	34/26/40	40	-47	50/36/14
	Nilphamari	36	3	25/22/53	23	1	35/25/40	28	-39	50/32/18
	Panchagarh	36	2	24/21/56	23	0	33/35/31	45	-33	47/26/27
	Rangpur	36	3	23/21/55	24	1	29/29/42	27	-45	54/33/13
Thakurgaon	36	3	26/18/56	24	1	33/30/37	31	-38	48/22/30	
Mymen-singh	Jamalpur	36	4	23/14/63	24	1	17/28/55	22	-38	53/23/24
	Mymen-singh	36	3	23/13/64	24	1	24/24/52	31	-44	56/20/23
	Netrakona	35	3	23/16/61	23	0	29/26/46	39	-37	52/27/21
	Sherpur	36	3	23/14/63	24	1	17/30/52	27	-43	57/25/18
Chit-tagong	Bandarban	34	2	25/25/50	24	1	26/19/55	44	-19	36/34/30
	Brahamanba- ria	36	3	24/12/64	24	1	33/13/54	43	-36	45/25/29
	Chandpur	37	4	23/14/63	25	1	30/18/52	33	-27	35/37/28
	Chittagong	34	2	22/18/60	25	1	26/18/56	50	-17	35/32/33
	Comilla	37	4	24/15/62	25	1	29/18/53	45	-30	40/33/28
	Cox's Bazar	34	3	20/23/57	26	1	23/12/65	42	-13	32/37/31
	Feni	37	4	24/14/62	25	1	32/16/53	57	-27	30/39/31
	Khagrachha	37	3	24/21/55	25	1	32/17/51	52	-25	35/32/32

	ri									
	Lakshmipur	36	4	22/17/61	25	1	30/14/56	33	-18	31/38/31
	Noakhali	35	3	22/16/62	25	1	29/16/55	28	-15	31/38/31
	Rangamati	35	2	26/22/52	24	1	28/21/50	55	-23	38/29/33
Khulna	Bagerhat	36	3	24/14/62	26	1	21/27/52	23	-17	37/31/32
	Chuadanga	38	3	29/19/52	25	1	24/27/49	20	-19	43/28/29
	Jessore	38	4	29/21/49	25	1	25/30/45	19	-21	45/29/27
	Jhenaidah	38	4	29/21/50	25	1	22/29/49	20	-21	44/30/26
	Khulna	37	4	26/16/58	25	1	22/30/48	22	-18	39/28/33
	Kushtia	38	4	26/22/51	25	1	23/26/51	21	-15	46/28/27
	Magura	38	4	26/23/50	25	1	24/28/48	19	-20	43/31/26
	Meherpur	38	3	30/20/51	25	1	24/31/45	20	-18	43/25/32
	Narail	38	4	29/18/53	25	1	19/33/48	17	-21	42/32/26
	Satkhira	36	3	27/17/56	25	1	22/27/51	17	-14	44/23/32
Barisal	Barguna	36	4	22/14/64	25	1	24/23/53	24	-18	34/28/39
	Barisal	37	4	22/18/60	25	1	27/25/47	31	-24	38/33/29
	Bhola	35	3	22/16/62	26	1	25/21/54	33	-20	33/33/33
	Jhalokati	37	4	22/17/61	25	1	25/23/52	31	-22	37/31/32
	Patuakhali	35	3	22/15/63	26	1	24/23/54	28	-20	34/29/37
	Pirojpur	37	4	24/15/61	25	1	24/27/49	25	-20	37/25/38
Sylhet	Habiganj	36	3	24/17/59	24	1	33/19/48	70	-50	45/33/22
	Maulvibazar	36	3	23/25/53	24	0	36/18/46	95	-44	48/29/23
	Sunamganj	34	2	23/26/51	23	0	31/27/43	86	-48	51/24/25
	Sylhet	34	2	23/34/43	22	0	32/32/36	126	-63	47/28/25

#### 4.5 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)