



Weather Impact

WAGENINGEN  
UNIVERSITY & RESEARCH



Issue Date: 05 January 2024

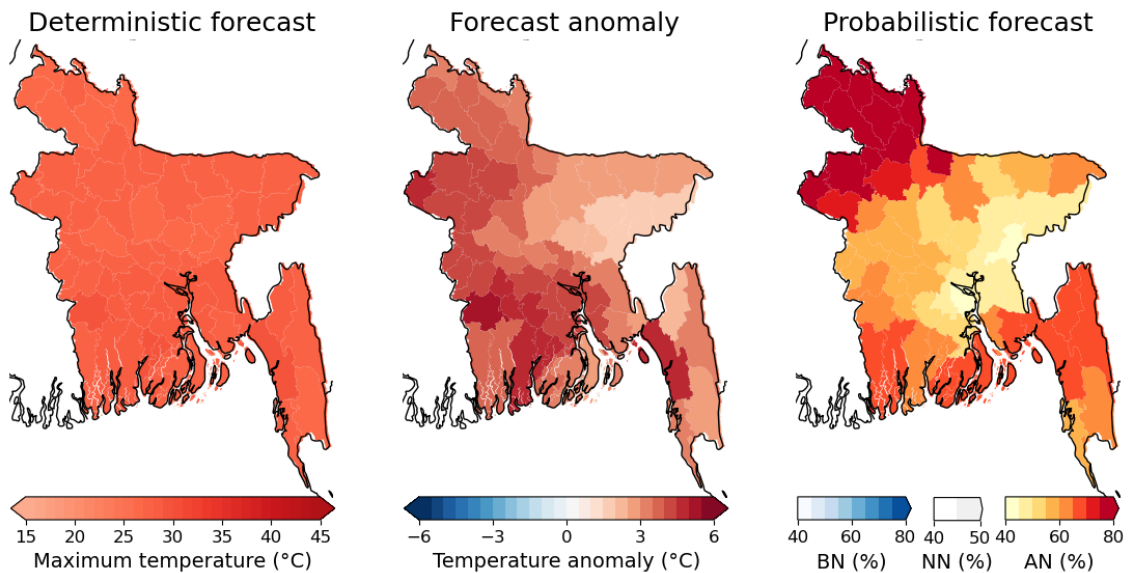
## Subject: Experimental Sub-seasonal forecast for Bangladesh during 05.01.2024 to 01.02.2024

### 1. Weather Forecast for week 1 (Period: 05.01.2024 to 11.01.2024)

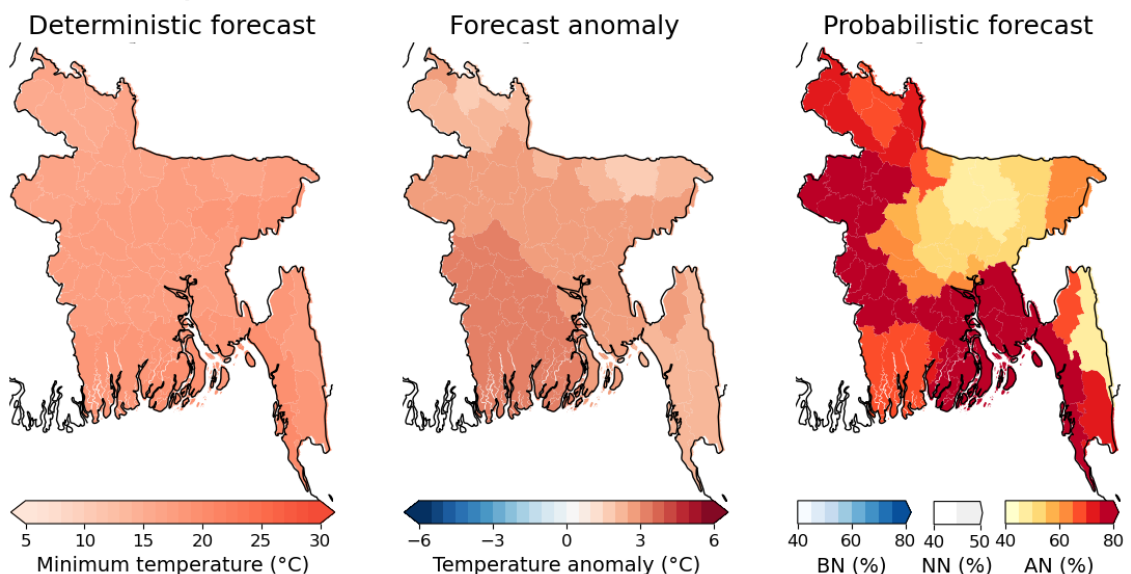
#### 1.1 Significant Information

- Add here the text for significant information.

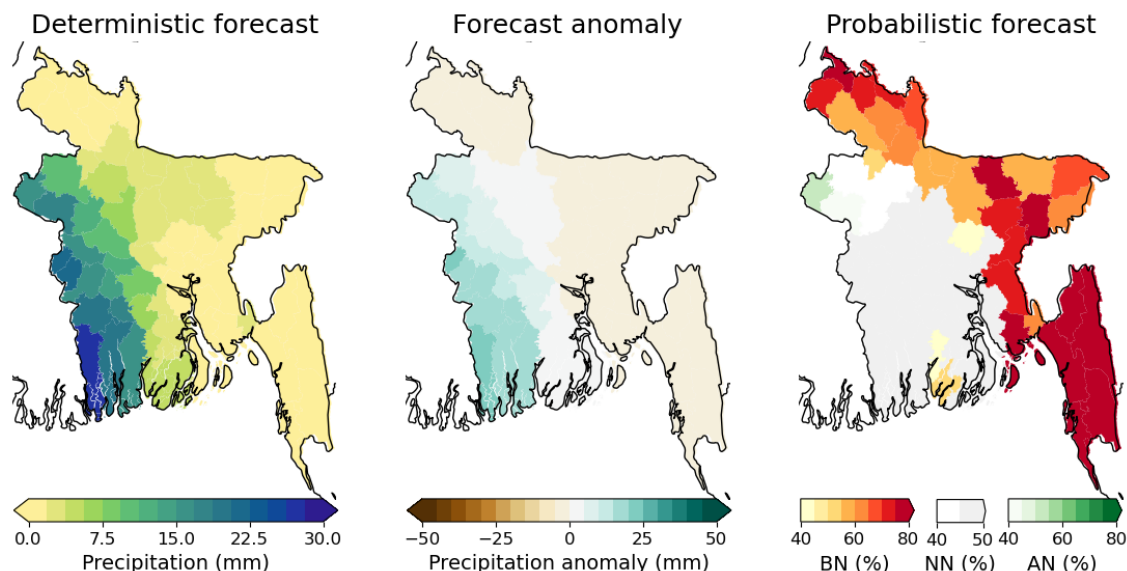
#### 1.2 Maximum Temperature



#### 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	28	4	25/24/51	18	3	14/32/54	0	0	29/65/7
	Faridpur	28	4	17/28/55	18	3	3/33/64	8	6	27/63/10
	Gazipur	27	2	31/15/55	18	3	14/35/51	2	0	41/53/5
	Gopalganj	29	5	14/35/52	18	3	0/22/78	6	5	37/54/10
	Kishoreganj	27	2	22/28/49	18	3	11/41/47	2	-1	73/22/5
	Madaripur	29	4	14/41/46	18	3	3/21/76	3	1	38/52/10
	Manikganj	27	3	27/18/56	18	3	16/30/54	3	2	27/59/14
	Munshiganj	28	4	17/38/46	18	3	6/33/61	0	0	27/67/6
	Narayanganj	28	3	19/34/47	18	3	6/37/57	0	-1	29/65/7
	Narsingdi	27	2	25/27/48	18	3	8/39/53	0	-1	40/55/5
	Rajbari	28	4	18/25/57	18	3	0/39/61	13	12	27/61/12
Shariatpur	29	4	8/49/43	18	3	3/20/77	2	0	27/64/9	
Rajshahi	Bogra	28	4	0/28/72	17	3	5/17/78	5	3	40/43/18
	Joypurhat	27	4	0/14/86	17	3	6/18/76	3	1	51/27/22
	Naogaon	27	4	0/13/87	17	3	8/13/79	10	7	33/29/39
	Natore	27	4	0/38/62	17	3	0/23/77	13	9	29/41/30
	Nawabganj	27	5	0/11/89	16	3	10/13/78	17	13	22/26/52
	Pabna	27	3	17/26/58	17	3	0/39/61	11	7	29/51/20
	Rajshahi	27	4	0/26/74	17	3	0/23/77	18	14	24/35/41
	Sirajganj	27	4	11/33/56	17	3	10/31/60	6	4	29/48/23
Rangpur	Dinajpur	27	4	0/0/100	16	2	24/5/71	0	-1	60/32/8
	Gaibandha	27	4	0/10/90	16	3	11/17/72	2	0	60/33/7
	Kurigram	27	3	0/11/89	16	2	22/6/71	0	-1	66/31/3
	Lalmonirhat	27	3	0/14/86	15	2	25/5/70	0	-1	75/21/4
	Nilphamari	27	4	0/3/97	15	2	27/3/70	0	-1	72/24/4
	Panchagarh	27	3	0/1/99	16	3	16/13/71	0	-1	92/6/2
	Rangpur	27	4	0/1/99	16	2	24/7/70	0	-1	62/33/5
	Thakurgaon	27	4	0/0/100	15	2	24/5/71	0	-1	72/22/6
Mymen-singh	Jamalpur	28	4	0/33/67	17	3	13/22/65	3	1	59/32/9
	Mymen-singh	28	3	6/33/62	17	3	17/33/50	4	0	60/37/4
	Netrakona	28	3	2/45/54	17	2	15/37/48	3	-1	75/21/4
	Sherpur	28	3	0/24/76	17	2	14/30/56	3	0	59/34/6
Chitta-gong	Bandarban	26	3	3/37/60	18	2	0/28/72	0	-1	82/9/10
	Brahamanbaria	26	2	22/34/43	18	3	6/39/54	0	-2	75/20/5
	Chandpur	29	4	6/44/50	18	3	5/14/82	0	-1	27/64/9
	Chittagong	29	5	14/20/66	19	2	0/14/86	0	-1	88/5/7
	Comilla	28	3	11/41/48	18	3	5/16/79	0	-2	75/18/7
	Cox's Bazar	27	3	8/33/58	20	2	0/11/89	0	-1	88/5/7

	Feni	28	3	19/15/66	18	3	2/13/85	3	-1	62/29/9
	Khagrachhari	28	2	22/11/66	18	3	2/32/66	0	-1	91/2/7
	Lakshmipur	29	4	11/28/61	18	3	0/16/84	0	0	25/67/8
	Noakhali	28	3	19/14/66	19	3	0/11/89	0	0	86/6/8
	Rangamati	27	3	8/24/68	17	2	3/51/47	0	-1	91/4/6
Khulna	Bagerhat	29	5	0/37/63	19	3	0/33/67	17	15	25/65/10
	Chuadanga	28	4	2/40/58	18	3	0/6/94	21	20	21/50/29
	Jessore	29	5	0/39/61	18	3	0/12/88	20	18	22/64/14
	Jhenaidah	28	4	4/35/61	18	3	0/16/84	16	15	24/54/22
	Khulna	28	4	0/32/68	19	3	0/33/67	21	19	25/64/11
	Kushtia	27	4	6/38/57	17	3	0/23/77	17	14	24/49/27
	Magura	28	5	6/37/57	18	3	0/19/81	14	13	27/63/10
	Meherpur	28	4	2/40/58	17	3	0/4/96	22	20	21/46/33
	Narail	29	5	11/33/56	18	3	0/18/82	17	16	25/64/11
	Satkhira	28	4	0/34/66	19	3	0/33/67	27	25	17/70/13
	Barisal	Barguna	28	4	0/34/66	19	3	0/22/78	5	4
Barisal		29	4	11/36/53	18	3	0/8/92	2	1	25/64/11
Bhola		27	3	22/11/67	19	3	0/3/97	0	0	24/67/9
Jhalokati		29	5	3/36/61	18	3	0/20/80	3	1	25/64/11
Patuakhali		28	3	8/25/66	19	3	0/2/98	5	3	24/65/11
Pirojpur		29	5	3/34/64	18	3	0/25/75	5	4	42/47/11
Sylhet	Habiganj	27	2	21/30/49	18	3	6/41/53	2	-1	76/19/5
	Maulvibazar	28	2	18/36/46	18	3	2/38/61	0	-1	61/36/4
	Sunamganj	28	3	2/42/56	17	2	8/40/52	0	-1	59/38/3
	Sylhet	28	3	2/35/64	17	2	2/35/63	0	-1	66/31/3

## 1.6 Guidance

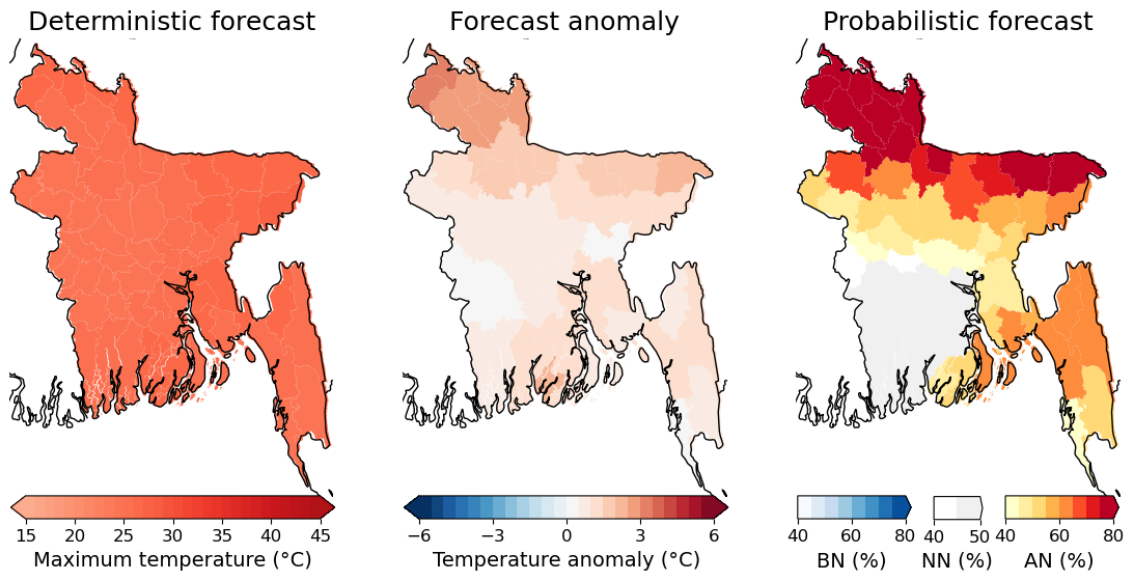
- Add here the text for guidance.

## 2. Weather Forecast for week 2 (Period: 12.01.2024 to 18.01.2024)

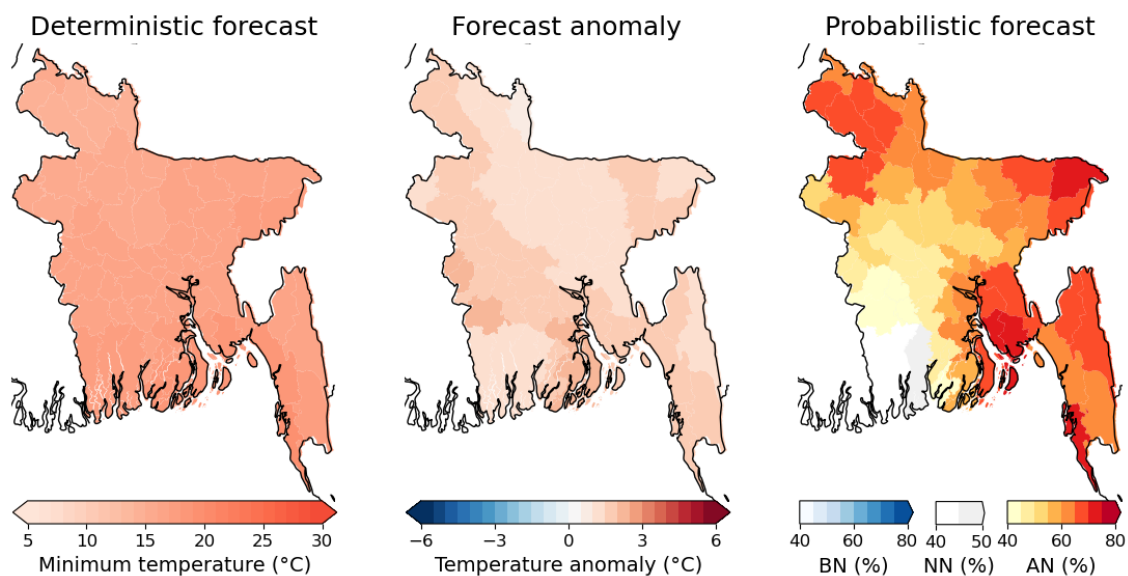
### 2.1 Significant Information

- Add here the text for significant information.

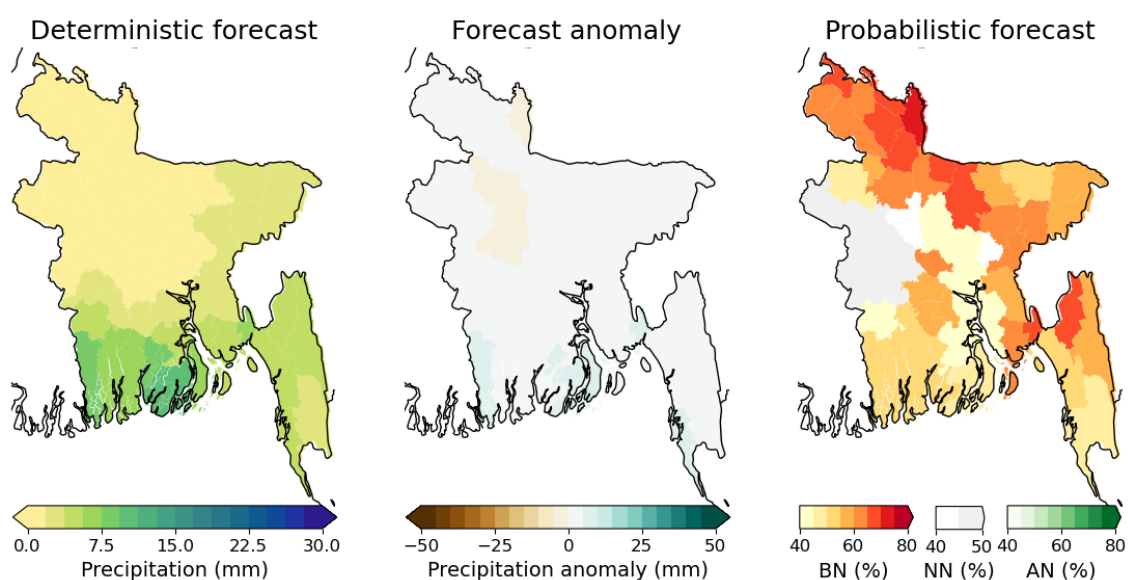
### 2.2 Maximum Temperature



### 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	25	1	19/40/41	16	1	11/31/58	0	1	42/41/18
	Faridpur	25	1	23/45/32	17	2	10/43/47	0	0	60/22/19
	Gazipur	25	1	22/27/51	16	1	11/36/53	0	1	41/43/17
	Gopalganj	25	1	18/51/31	17	2	8/43/49	2	2	58/24/18
	Kishoreganj	26	1	11/30/59	17	1	5/35/60	2	2	61/23/17
	Madaripur	25	1	15/53/31	17	2	8/35/58	2	2	59/22/19
	Manikganj	25	1	23/35/42	16	2	13/38/49	0	0	63/18/19
	Munshiganj	25	1	15/47/38	17	1	6/30/63	2	1	41/42/18
	Narayanganj	26	1	15/41/45	16	1	10/28/63	0	1	41/39/20
	Narsingdi	25	0	14/37/49	16	1	5/40/55	0	1	40/42/18
	Rajbari	25	1	23/41/36	16	2	12/42/46	0	1	24/57/19
Shariatpur	26	1	12/53/35	17	2	5/32/63	3	2	44/36/21	
Rajshahi	Bogra	26	2	6/32/61	16	1	13/28/60	0	0	60/25/15
	Joypurhat	25	2	7/9/83	16	2	11/22/66	0	0	60/25/16
	Naogaon	25	1	7/27/66	15	2	13/21/66	0	0	48/35/17
	Natore	24	1	17/33/50	16	2	13/37/50	0	0	27/54/19
	Nawabganj	24	1	7/39/53	15	1	24/24/52	0	0	29/52/20

Rangpur	Pabna	24	1	26/29/45	16	2	14/38/48	0	0	35/46/18
	Rajshahi	24	1	13/39/48	16	2	13/31/57	0	0	27/53/20
	Sirajganj	25	1	17/33/50	16	1	15/32/53	0	0	40/42/18
	Dinajpur	26	3	0/8/92	15	2	23/10/68	0	0	64/22/13
	Gaibandha	25	2	6/9/86	15	1	15/23/62	0	0	66/22/12
	Kurigram	26	3	0/8/92	15	1	22/14/64	0	0	74/14/11
	Lalmonirhat	26	3	0/2/98	15	1	24/11/65	0	0	70/18/12
	Nilphamari	26	3	0/2/98	15	1	27/6/66	0	0	62/24/13
	Panchagarh	26	3	0/5/95	15	2	15/20/65	0	1	67/19/14
Rangpur	26	3	0/8/92	15	1	22/11/67	0	0	65/23/11	
Thakurgaon	26	3	0/1/99	15	2	23/10/67	0	1	64/21/15	
Mymen-singh	Jamalpur	26	2	6/22/73	16	1	15/22/62	0	0	64/23/13
	Mymen-singh	26	1	6/26/69	16	1	12/30/58	0	1	66/17/18
	Netrakona	26	2	6/21/74	16	1	12/28/60	0	1	60/22/18
	Sherpur	26	2	6/13/81	15	1	11/27/62	0	1	65/20/14
Chitta-gong	Bandarban	24	1	19/27/54	17	2	9/27/64	4	4	49/27/24
	Brahamanbaria	25	0	14/35/51	16	1	5/38/57	2	2	63/20/17
	Chandpur	26	1	9/45/45	17	2	5/29/66	3	2	44/36/20
	Chittagong	26	1	11/27/62	19	2	9/27/64	4	4	51/29/20
	Comilla	26	1	11/42/47	17	1	5/30/66	2	1	60/21/19
	Cox's Bazar	24	0	25/32/43	20	2	4/25/71	5	5	46/29/24
	Feni	26	1	17/24/59	17	2	5/28/67	6	5	65/15/20
	Khagrachhari	26	1	22/14/64	17	2	12/19/70	4	4	65/15/20
	Lakshmipur	26	1	11/38/50	17	2	5/24/71	4	3	44/35/21
Noakhali	26	1	19/20/60	18	2	5/22/73	5	4	62/18/20	
Rangamati	25	1	14/21/65	16	1	12/21/67	5	4	57/22/21	
Khulna	Bagerhat	26	1	20/48/32	17	1	20/50/30	7	3	53/31/17
	Chuadanga	25	0	23/40/37	17	2	11/42/47	0	1	25/53/22
	Jessore	25	0	20/52/27	17	2	14/43/43	5	3	42/34/24
	Jhenaidah	25	0	20/46/34	17	2	13/43/45	3	2	25/53/22
	Khulna	26	1	21/52/27	17	1	28/43/29	7	4	53/25/22
	Kushtia	24	1	23/33/44	16	2	11/36/53	0	0	24/57/20
	Magura	25	0	20/48/32	17	2	8/47/45	3	1	24/52/24
	Meherpur	24	0	24/37/38	17	2	11/39/50	0	1	25/54/21
	Narail	25	0	21/50/29	17	2	8/50/42	4	3	53/25/21
Satkhira	25	1	21/55/24	17	1	30/44/26	9	6	52/28/20	
Barisal	Barguna	27	2	19/32/48	18	2	16/42/42	10	4	54/30/17
	Barisal	26	1	17/45/37	17	2	5/32/63	5	4	44/38/18
	Bhola	25	1	31/9/60	19	2	5/26/69	7	6	47/35/18
	Jhalokati	26	1	15/48/37	17	2	5/49/46	8	6	44/38/17
	Patuakhali	26	1	25/22/53	19	2	5/40/56	11	7	45/38/17
Pirojpur	26	1	15/51/35	17	1	15/40/45	8	4	55/28/17	
Sylhet	Habiganj	27	1	11/29/60	17	2	10/26/64	4	3	60/24/16
	Maulvibazar	27	1	11/28/61	17	2	9/25/67	3	3	58/23/19
	Sunamganj	27	2	6/15/79	16	2	9/21/70	3	2	53/26/21
	Sylhet	27	2	6/19/76	16	1	3/24/73	3	2	56/25/19

## 2.6 Guidance

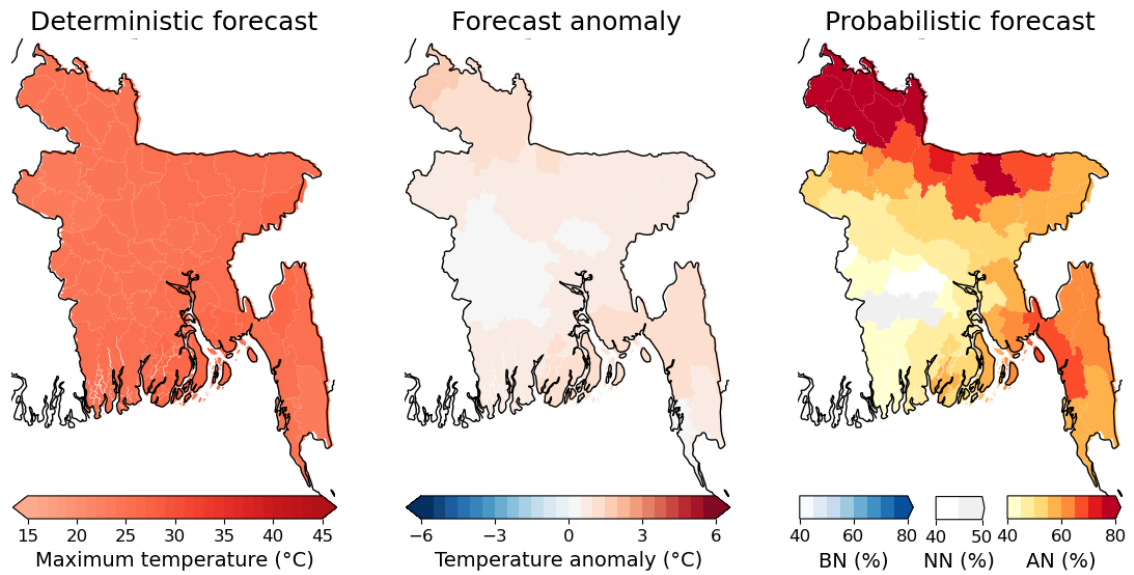
- Add here the text for guidance.

## 3. Weather Outlook for week 3+4 (Period: 19.01.2024 to 01.02.2024)

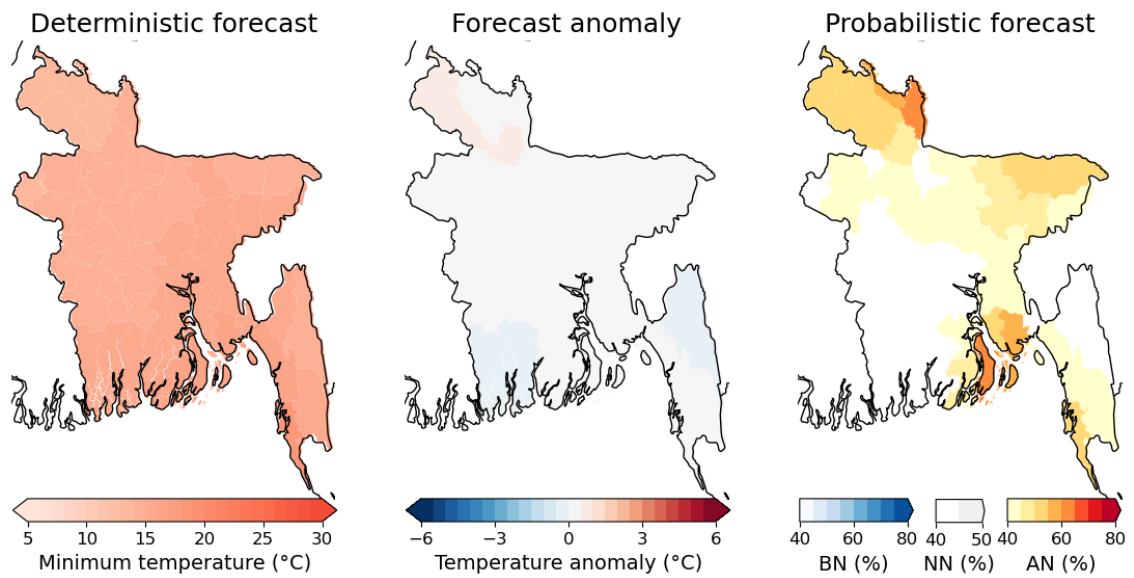
### 3.2 Significant Information

- Add here the text for significant information.

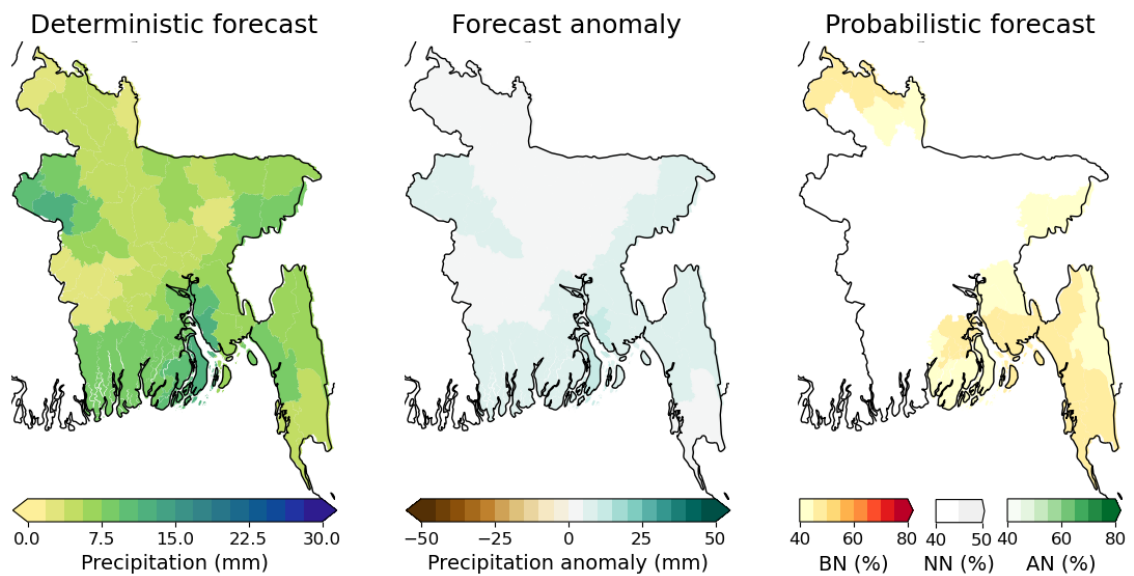
### 3.2 Maximum Temperature



### 3.3 Minimum Temperature



### 3.4 Rainfall



### 3.5 Forecast information at District level

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

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	25	1	16/36/48	15	0	26/36/38	4	3	30/37/32
	Faridpur	25	0	18/44/37	15	0	28/36/36	5	4	38/30/32
	Gazipur	25	0	15/32/53	15	0	28/30/43	4	3	30/38/32
	Gopalganj	25	0	17/46/36	15	0	27/38/35	4	4	38/29/33
	Kishoreganj	25	1	8/33/59	16	0	25/28/46	3	2	40/34/26
	Madaripur	25	1	14/44/42	15	0	23/40/36	6	6	36/30/34
	Manikganj	25	0	19/34/47	15	0	27/35/38	5	4	32/35/33
	Munshiganj	25	1	13/37/49	15	0	22/41/37	6	5	36/30/34
	Narayanganj	25	1	12/37/50	15	0	23/38/39	5	4	34/33/33
	Narsingdi	25	0	17/30/53	15	0	22/38/40	4	4	32/38/30
Rajbari	24	0	20/37/42	15	0	25/37/37	4	3	35/32/33	
Shariatpur	25	1	14/38/48	15	0	22/43/35	8	8	36/36/28	
Rajshahi	Bogra	24	1	7/36/58	15	0	22/37/41	6	4	29/40/30
	Joypurhat	24	1	8/32/60	14	0	24/37/40	4	3	37/38/25
	Naogaon	24	1	7/37/56	14	0	23/36/41	8	6	30/40/29
	Natore	24	0	17/35/48	14	0	28/33/40	8	7	27/43/30
	Nawabganj	24	1	15/33/52	14	0	29/36/35	11	8	27/39/34
	Pabna	24	0	19/34/47	15	0	27/36/37	7	6	31/38/30
	Rajshahi	24	1	18/37/46	14	0	21/38/41	12	10	28/40/32
Sirajganj	24	1	15/32/54	15	0	27/29/44	5	4	30/41/29	
Rangpur	Dinajpur	24	1	2/18/80	14	1	22/25/54	4	1	37/32/31
	Gaibandha	24	1	3/28/69	14	1	17/34/49	4	2	37/37/26
	Kurigram	25	1	2/18/81	14	0	20/18/62	3	1	45/24/31
	Lalmonirhat	25	1	3/16/82	14	0	25/20/55	4	2	48/28/24
	Nilphamari	25	1	3/17/81	14	0	25/20/55	4	2	47/27/25
	Panchagarh	25	2	2/16/82	14	1	19/29/52	3	2	47/26/27
	Rangpur	24	1	3/17/80	14	0	22/24/54	4	1	41/29/30
Thakurgaon	25	2	3/11/87	14	1	22/23/54	3	1	47/29/24	
Mymensingh	Jamalpur	25	1	7/27/66	15	0	26/34/40	5	3	36/36/28
	Mymensingh	25	1	8/27/65	15	0	24/36/40	6	4	33/37/30
	Netrakona	25	1	8/16/76	15	0	21/30/48	5	3	38/35/27
	Sherpur	25	1	6/23/71	15	0	26/32/42	6	4	38/37/25
Chittagong	Bandarban	24	1	19/23/59	15	0	21/35/44	4	4	47/32/21
	Brahamanbaria	25	1	17/30/53	15	0	23/36/41	6	5	39/33/28
	Chandpur	26	1	13/37/50	15	0	21/37/41	10	9	42/30/28
	Chittagong	26	1	14/19/67	17	0	19/39/43	8	8	50/33/17
	Comilla	26	1	12/33/56	15	0	21/39/40	7	7	42/31/28
	Cox's Bazar	24	0	23/20/57	18	0	14/33/53	5	4	49/29/22
	Feni	27	1	15/19/66	16	0	19/42/39	6	6	49/25/26
	Khagrachhari	27	1	16/19/65	15	0	27/34/39	6	6	46/27/28
	Lakshmipur	26	1	15/26/60	16	0	14/34/52	12	12	46/28/26
	Noakhali	26	1	14/25/61	17	0	9/34/57	7	6	48/26/26
Rangamati	25	1	18/18/64	15	0	27/37/36	7	6	42/33/25	
Khulna	Bagerhat	26	1	14/39/47	16	0	35/29/36	9	8	38/37/25
	Chuadanga	24	0	19/39/42	15	0	23/38/38	3	1	28/43/29
	Jessore	25	0	15/48/37	15	0	26/35/39	2	2	32/38/30
	Jhenaidah	24	0	19/38/43	15	0	29/35/36	3	2	35/33/32
	Khulna	25	1	16/40/44	15	0	36/31/32	9	8	32/38/30
	Kushtia	24	0	19/35/46	15	0	28/33/38	6	5	31/38/31
	Magura	25	0	17/44/39	15	0	29/35/36	3	3	35/32/33
	Meherpur	24	0	20/40/40	14	0	25/35/39	2	1	28/42/31
	Narail	25	0	17/48/35	15	0	27/36/37	5	4	36/31/33
Satkhira	25	1	17/42/41	16	0	38/31/31	9	8	32/35/33	
Barisal	Barguna	26	1	8/34/58	16	0	28/36/36	9	8	44/33/23
	Barisal	26	1	15/38/47	15	0	21/38/42	8	7	46/29/25
	Bhola	26	1	14/31/55	17	0	12/24/64	12	11	44/34/22
	Jhalokati	26	1	12/38/50	15	0	27/36/36	9	9	46/29/26
	Patuakhali	26	1	11/35/54	17	0	12/39/49	10	9	42/38/20
Pirojpur	26	1	12/39/49	15	0	36/30/34	8	7	43/32/25	
Sylhet	Habiganj	26	1	14/28/57	16	0	25/28/47	8	6	43/31/26
	Maulvibazar	26	1	16/26/58	16	0	21/35/44	9	7	43/27/30

	Sunamganj	25	1	6/25/69	15	0	16/32/52	6	5	38/36/26
	Sylhet	25	1	6/35/59	15	0	17/30/53	7	6	37/38/25

### 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: <ul style="list-style-type: none"> <li>Above normal (likelihood in percent)</li> <li>Near normal (likelihood in percent)</li> <li>Below normal (likelihood in percent)</li> </ul>
<ul style="list-style-type: none"> <li>• Anomaly</li> </ul>	The difference between the deterministic value and the climatology (Climatology = Deterministic - Anomaly)