



Weather Impact

WAGENINGEN  
UNIVERSITY & RESEARCH



Issue Date: 09 January 2024

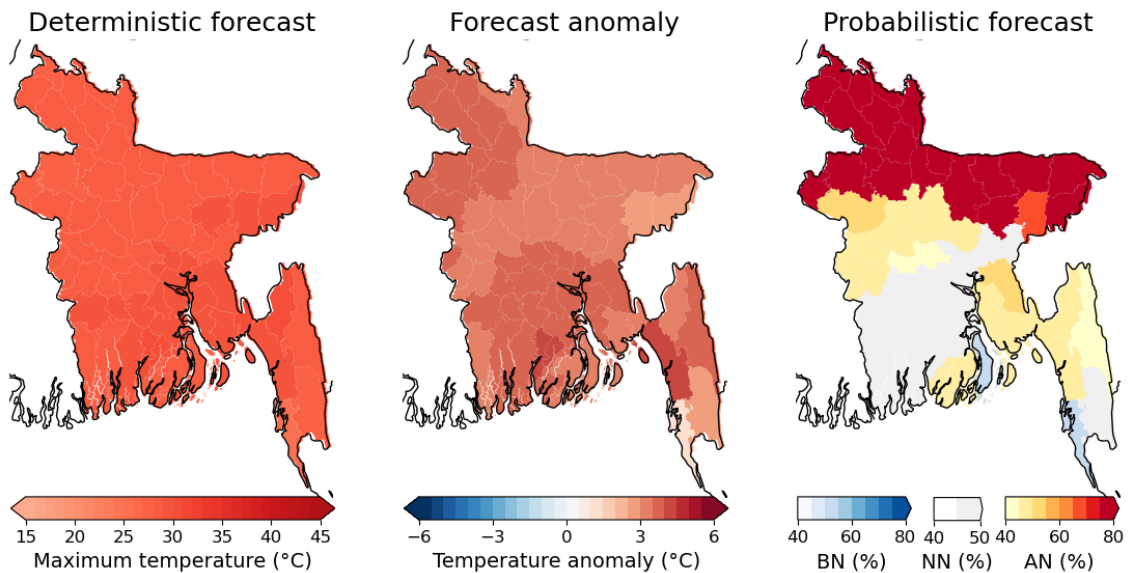
## Subject: Experimental Sub-seasonal forecast for Bangladesh during 09.01.2024 to 05.02.2024

### 1. Weather Forecast for week 1 (Period: 09.01.2024 to 15.01.2024)

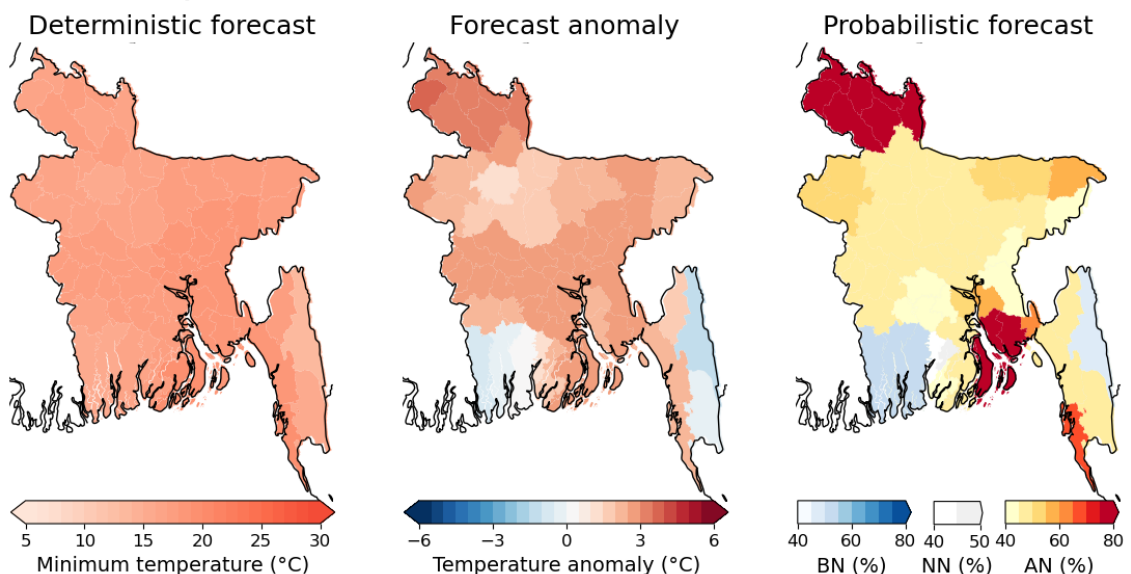
#### 1.1 Significant Information

- Add here the text for significant information.

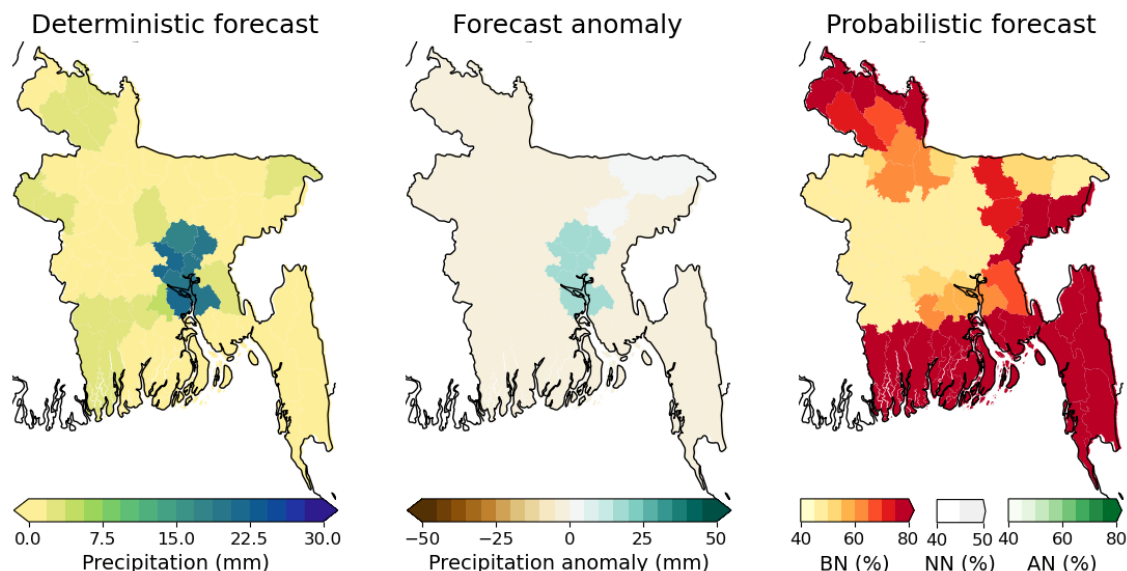
#### 1.2 Maximum Temperature



#### 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	29	4	0/62/38	18	3	4/48/48	21	19	45/55/0
	Faridpur	29	4	0/72/28	18	3	4/53/43	0	-2	54/46/0
	Gazipur	29	3	0/54/46	18	3	0/51/49	18	16	45/55/0
	Gopalganj	29	4	0/85/15	18	3	4/55/41	3	-1	62/38/0
	Kishoreganj	29	3	0/11/89	18	3	0/50/50	0	0	74/26/0
	Madaripur	29	4	0/81/19	18	3	4/53/43	4	0	57/43/0
	Manikganj	29	4	0/59/41	18	3	4/47/49	0	-1	49/51/0
	Munshiganj	29	4	0/76/24	18	3	4/50/46	19	16	53/47/0
	Narayanganj	29	4	0/74/26	18	3	0/52/48	20	18	47/53/0
	Narsingdi	29	3	0/67/33	18	3	0/54/46	19	17	48/52/0
	Rajbari	29	4	0/56/44	18	3	8/46/46	0	-2	46/54/0
Rajshahi	Shariatpur	29	4	0/76/24	18	3	4/46/50	21	17	56/44/0
	Bogra	28	4	0/0/100	16	1	33/19/48	2	-1	61/39/0
	Joypurhat	28	4	0/0/100	16	2	17/35/49	0	-2	50/50/0
	Naogaon	28	4	0/0/100	17	2	4/46/50	0	-2	46/54/0
	Natore	28	3	0/50/50	16	2	33/18/49	0	-1	46/54/0
	Nawabganj	28	4	0/12/88	17	3	0/50/50	2	-1	46/54/0
	Pabna	28	3	0/51/49	18	3	25/26/49	0	-2	46/54/0
	Rajshahi	28	4	0/46/54	16	2	29/21/50	2	-1	46/54/0
Rangpur	Sirajganj	28	3	0/50/50	17	2	33/17/50	0	-2	46/54/0
	Dinajpur	28	4	0/0/100	17	3	0/8/92	2	-2	71/29/0
	Gaibandha	28	4	0/0/100	17	3	0/51/49	0	-2	65/35/0
	Kurigram	28	3	0/0/100	17	3	0/0/100	0	-2	82/18/0
	Lalmonirhat	28	3	0/0/100	17	3	0/5/95	2	-2	76/24/0
	Nilphamari	28	4	0/0/100	17	3	0/8/92	2	-2	79/21/0
	Panchagarh	28	4	0/0/100	17	3	0/13/87	0	-1	100/0/0
	Rangpur	28	4	0/0/100	17	3	0/9/91	2	-2	67/33/0
Mymen- singh	Thakurgaon	28	4	0/0/100	17	4	0/5/95	2	-2	97/3/0
	Jamalpur	28	3	0/1/99	16	2	29/24/47	0	-2	61/39/0
	Mymen- singh	29	3	0/0/100	18	2	33/18/49	0	0	47/53/0
	Netrakona	29	3	0/0/100	18	2	17/33/50	0	0	72/28/0
Chitta- gong	Sherpur	28	3	0/0/100	16	2	33/20/47	0	-1	55/45/0
	Bandarban	27	3	25/54/21	15	0	17/35/49	0	-2	88/12/0
	Brahamanba ria	29	3	0/67/33	18	3	0/56/44	0	-1	75/25/0
	Chandpur	30	4	0/51/49	18	2	0/45/55	20	17	63/37/0
	Chittagong	30	4	4/49/47	19	2	4/48/48	0	-3	92/8/0
	Comilla	30	4	0/50/50	18	3	0/56/44	2	0	69/31/0
Cox's Bazar	26	1	50/29/21	20	2	0/30/70	0	-2	79/20/1	

	Feni	30	3	4/49/47	18	3	0/37/63	0	-3	98/2/0
	Khagrachhari	30	3	25/27/48	17	2	21/33/46	0	-3	96/4/0
	Lakshmipur	30	4	0/54/46	18	2	0/10/90	0	-2	93/7/0
	Noakhali	29	3	4/46/50	19	3	0/5/95	0	-2	97/3/0
	Rangamati	29	4	0/56/44	14	-1	46/13/42	0	-2	97/3/0
Khulna	Bagerhat	29	4	0/65/35	16	0	50/7/43	0	-3	89/10/0
	Chuadanga	28	3	0/51/49	17	3	21/31/48	0	-2	46/54/0
	Jessore	29	4	0/60/40	17	2	29/25/46	2	-1	46/53/1
	Jhenaidah	28	3	0/52/48	18	3	25/27/48	0	-2	46/54/0
	Khulna	29	4	0/73/27	15	0	50/6/44	2	-2	86/9/5
	Kushtia	28	3	0/51/49	17	3	21/30/49	0	-2	46/54/0
	Magura	29	4	0/62/38	18	3	12/42/45	2	-2	46/54/0
	Meherpur	28	4	0/51/49	17	3	25/26/49	2	-2	46/54/0
	Narail	29	4	0/75/25	17	2	12/45/43	3	-2	46/54/0
	Satkhira	28	3	4/66/30	15	-1	50/11/39	3	-2	86/9/5
	Barisal	Barguna	29	4	0/54/46	18	2	29/30/41	0	-2
Barisal		30	4	0/69/31	18	3	0/55/45	0	-2	90/10/0
Bhola		29	3	50/0/50	19	3	0/3/97	0	-1	90/10/0
Jhalokati		30	4	0/64/36	18	2	4/62/34	0	-2	90/9/0
Patuakhali		29	3	17/36/48	19	3	0/50/50	0	-2	91/9/0
Pirojpur		30	4	0/70/30	16	1	29/34/37	0	-3	90/9/0
Sylhet	Habiganj	29	3	0/31/69	18	3	12/38/50	0	-1	90/10/0
	Maulvibazar	29	3	0/18/82	18	2	8/47/44	0	-1	85/15/0
	Sunamganj	29	3	0/0/100	18	3	0/50/50	2	0	53/47/0
	Sylhet	29	3	0/3/97	17	2	0/42/58	2	0	47/53/0

## 1.6 Guidance

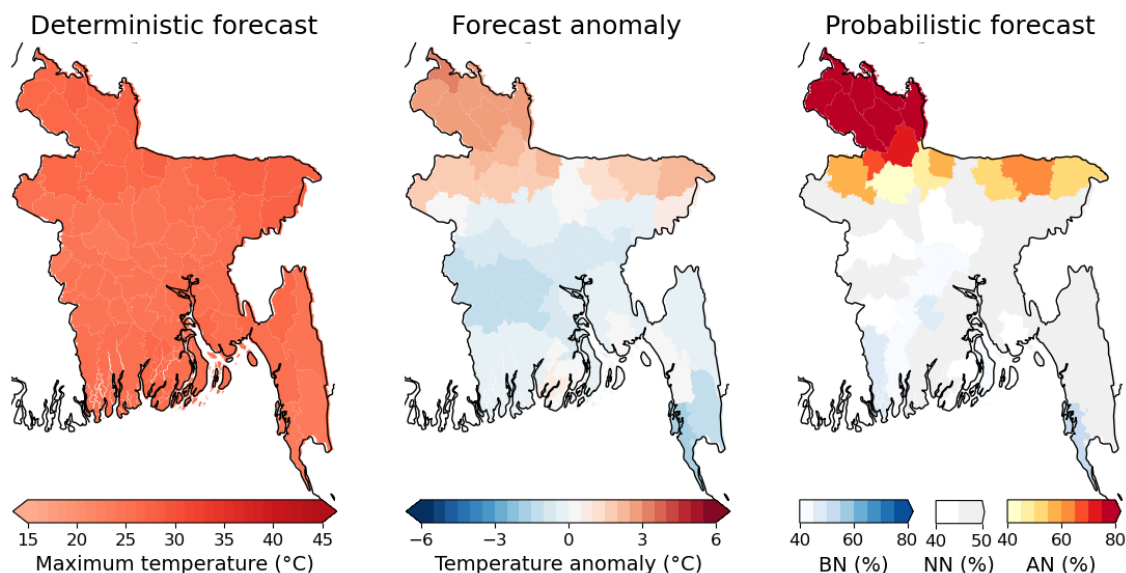
- Add here the text for guidance.

## 2. Weather Forecast for week 2 (Period: 16.01.2024 to 22.01.2024)

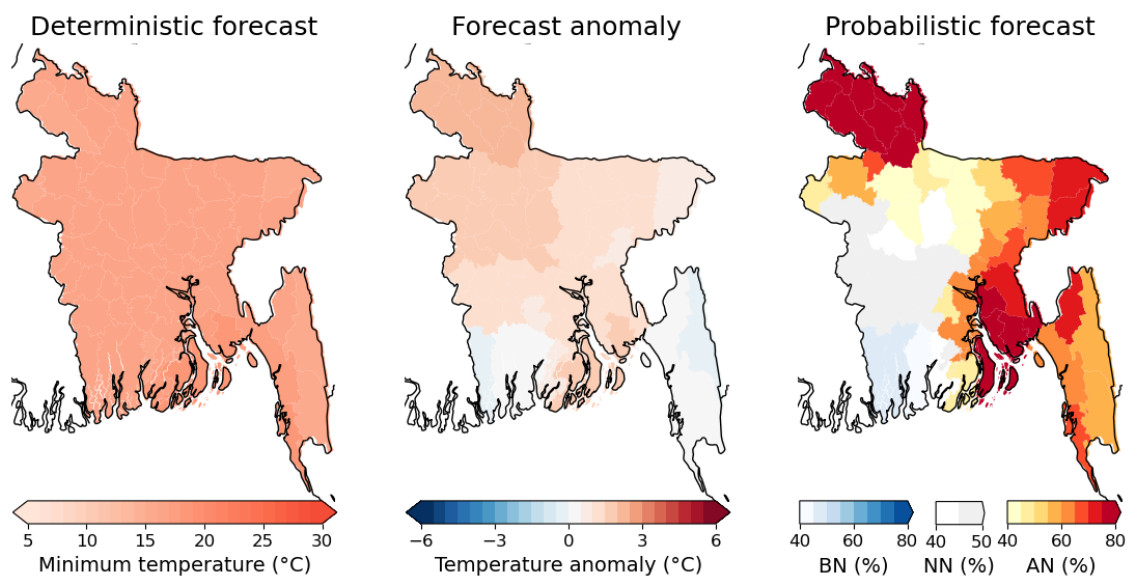
### 2.1 Significant Information

- Add here the text for significant information.

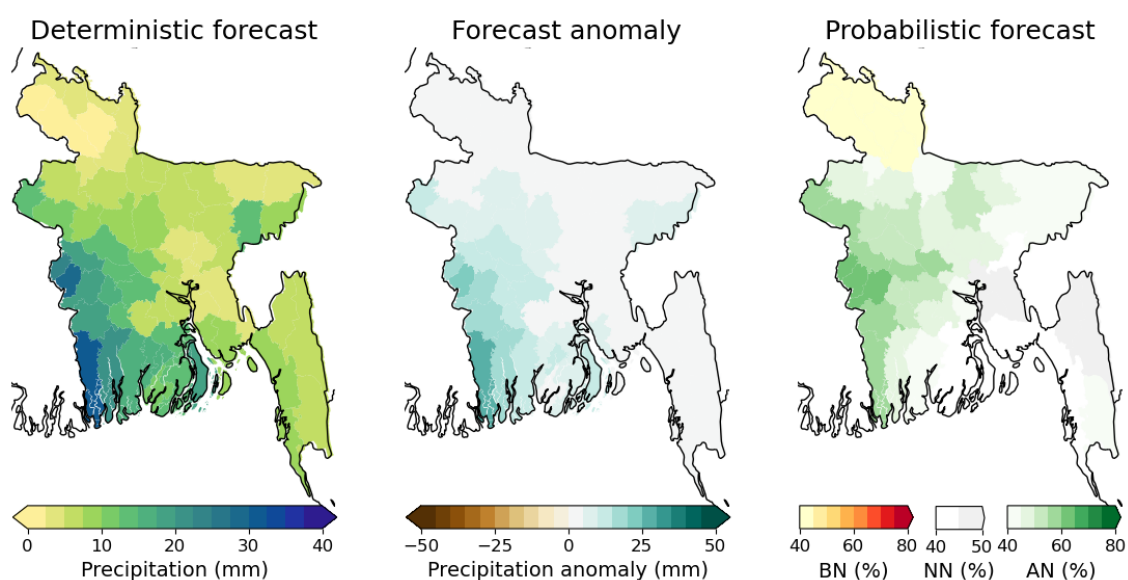
### 2.2 Maximum Temperature



### 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	41/50/9	17	1	4/59/37	6	5	1/49/50
	Faridpur	24	-1	42/49/9	17	1	5/66/30	13	10	14/33/53
	Gazipur	25	-1	39/38/23	17	1	5/55/40	5	3	1/50/49
	Gopalganj	25	-1	49/42/10	16	1	5/65/29	6	4	22/30/49
	Kishoreganj	26	0	18/56/26	17	1	4/37/59	6	3	19/38/42
	Madaripur	25	-1	39/46/15	16	1	5/46/49	5	3	26/25/49
	Manikganj	24	-1	41/48/11	17	2	9/54/37	11	8	12/32/56
	Munshiganj	25	-1	34/50/17	17	1	4/31/65	5	3	3/56/41
	Narayanganj	25	-1	33/50/17	17	1	4/33/63	5	3	0/62/38
	Narsingdi	25	-1	32/52/16	17	1	5/33/63	4	2	1/52/47
	Rajbari	24	-1	38/50/12	17	1	8/57/35	13	11	0/43/57
Shariatpur	25	0	31/54/15	17	1	4/33/62	6	3	4/55/41	
Rajshahi	Bogra	26	2	9/47/44	16	2	8/48/44	7	5	19/32/50
	Joypurhat	27	2	5/29/66	16	2	5/27/69	4	3	25/33/42
	Naogaon	26	2	7/34/59	16	2	9/31/59	6	4	12/42/46
	Natore	24	0	19/53/28	16	2	17/46/38	9	7	0/46/54
	Nawabganj	26	2	11/52/37	16	2	9/44/47	14	11	0/41/59

Rangpur	Pabna	24	-1	37/45/18	17	2	17/44/39	13	10	8/37/55
	Rajshahi	25	0	12/61/27	16	2	13/49/38	11	9	0/42/58
	Sirajganj	25	0	20/52/28	17	2	17/43/40	10	7	2/44/54
	Dinajpur	27	3	4/14/81	16	2	0/6/94	2	0	44/17/40
	Gaibandha	27	2	6/19/75	16	2	0/16/84	3	1	44/13/43
	Kurigram	27	3	4/14/82	16	2	0/5/95	3	1	44/12/44
	Lalmonirhat	27	3	6/12/82	16	2	0/7/93	3	1	40/20/39
	Nilphamari	27	3	6/12/82	16	2	0/8/92	3	2	44/13/43
	Panchagarh	27	3	4/11/85	16	2	0/12/88	4	2	44/14/42
Rangpur	27	3	4/14/82	16	2	0/7/93	2	1	44/12/44	
Thakurgaon	27	3	4/14/81	16	2	0/5/95	2	1	44/14/43	
Mymen-singh	Jamalpur	27	2	7/45/48	17	2	4/50/45	5	3	22/33/45
	Mymen-singh	26	0	8/57/35	16	1	6/54/41	7	4	17/32/51
	Netrakona	27	1	2/43/55	16	1	4/41/55	6	3	28/24/48
	Sherpur	27	2	4/36/60	17	2	9/47/44	5	3	30/30/40
Chitta-gong	Bandarban	23	-1	32/51/16	16	0	15/29/56	7	1	26/32/42
	Brahamanbaria	25	-1	33/51/17	16	1	5/26/69	6	3	19/42/39
	Chandpur	26	0	21/64/15	17	1	0/22/77	5	2	3/61/36
	Chittagong	26	0	21/57/22	17	0	4/31/65	8	1	24/41/35
	Comilla	26	0	20/63/17	17	1	5/22/73	4	1	23/46/31
	Cox's Bazar	23	-2	51/35/14	18	0	8/26/66	8	1	31/39/30
	Feni	26	0	24/54/23	17	1	5/15/80	5	0	28/44/27
	Khagrachhari	26	0	30/51/19	16	0	5/23/72	5	0	14/59/27
	Lakshmipur	26	0	26/52/23	17	1	0/21/78	9	6	26/39/35
Noakhali	26	0	26/44/30	18	2	0/17/83	8	4	33/38/28	
Rangamati	25	0	25/55/20	15	0	9/34/56	6	1	14/52/34	
Khulna	Bagerhat	26	0	35/51/15	17	0	42/31/27	17	11	24/33/43
	Chuadanga	24	-1	38/47/15	16	1	12/59/29	28	22	8/29/63
	Jessore	25	-1	40/43/17	17	1	8/60/31	19	16	17/25/58
	Jhenaidah	24	-1	39/46/16	17	1	12/56/31	20	16	12/27/61
	Khulna	25	0	43/45/12	16	0	46/27/27	21	16	23/29/48
	Kushtia	24	-1	38/44/18	16	2	17/47/36	18	14	8/35/57
	Magura	24	-1	39/47/14	17	1	8/61/31	17	14	0/47/53
	Meherpur	24	-1	38/44/18	16	2	12/55/33	25	20	8/31/61
	Narail	25	-1	42/43/15	16	1	9/60/31	13	10	17/28/55
Satkhira	25	0	48/39/13	16	0	46/22/32	31	26	23/18/59	
Barisal	Barguna	26	1	32/50/18	17	1	30/41/29	12	4	28/34/38
	Barisal	26	-1	37/48/15	17	1	5/32/63	13	9	26/36/38
	Bhola	25	0	42/35/23	19	2	0/17/83	18	12	25/39/35
	Jhalokati	26	0	32/51/18	16	1	9/57/34	17	11	27/34/39
	Patuakhali	26	0	40/45/15	18	2	0/51/49	14	7	27/40/33
Pirojpur	26	0	33/51/16	16	0	30/41/29	16	10	23/35/42	
Sylhet	Habiganj	26	0	17/57/26	17	1	5/30/65	13	8	23/36/41
	Maulvibazar	27	1	15/58/26	16	1	9/17/74	10	5	18/37/44
	Sunamganj	27	2	2/36/62	16	1	4/29/67	5	3	31/25/43
	Sylhet	28	2	3/45/52	16	1	5/21/73	4	2	28/30/42

## 2.6 Guidance

- Add here the text for guidance.

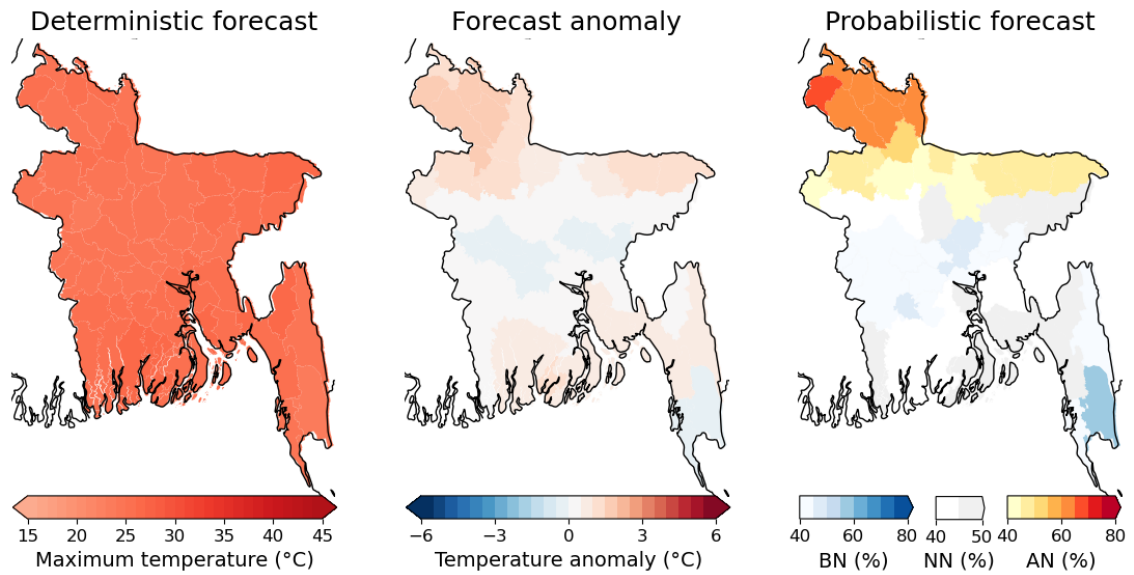
## 3. Weather Outlook for week 3+4 (Period: 23.01.2024 to 05.02.2024)

### 3.2 Significant Information

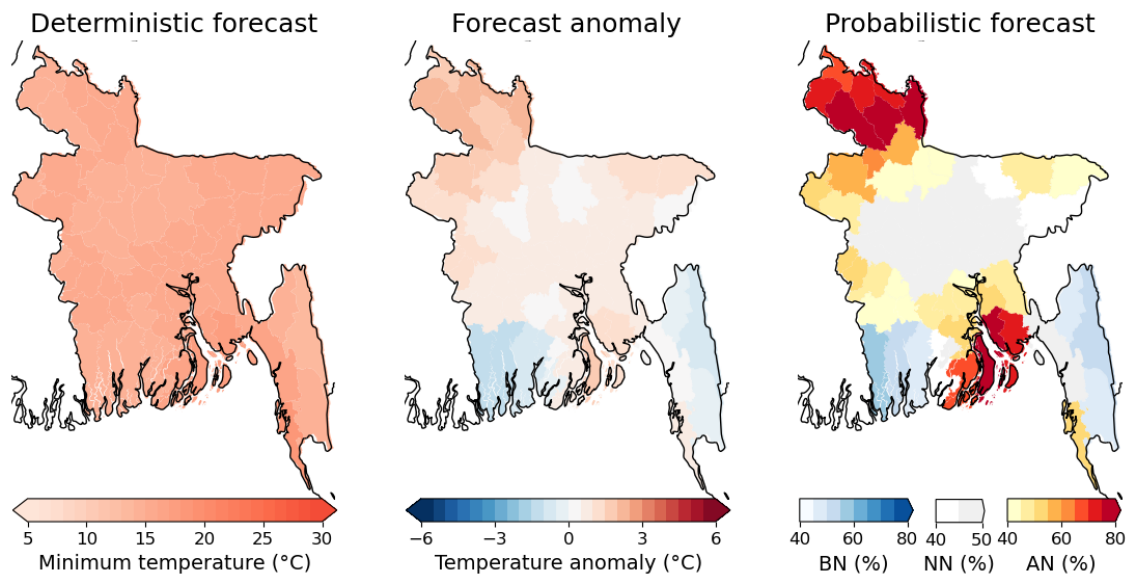
- Add here the text for significant information.

### 3.2 Maximum Temperature

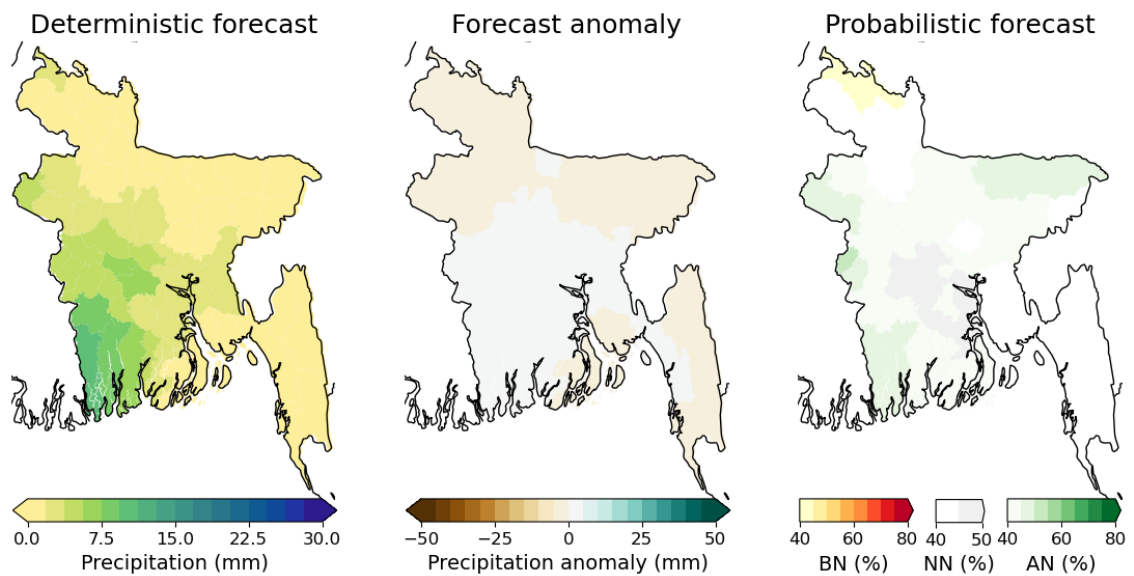




### 3.3 Minimum Temperature



### 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	0	45/41/14	15	1	5/58/37	3	1	15/43/42
	Faridpur	25	0	41/46/13	15	1	9/60/30	6	4	11/53/36
	Gazipur	25	0	47/42/11	15	1	11/58/32	2	0	20/41/38
	Gopalganj	25	0	43/42/15	15	0	15/38/47	3	2	10/51/38
	Kishoreganj	25	0	36/47/17	16	1	12/57/31	0	0	23/32/45
	Madaripur	25	0	39/42/19	15	0	12/42/46	2	1	14/43/43
	Manikganj	25	0	45/46/9	15	1	5/61/34	5	4	14/47/38
	Munshiganj	25	0	44/37/19	16	1	5/51/44	3	1	18/49/33
	Narayanganj	25	0	43/42/14	16	1	6/56/38	3	2	19/39/41
	Narsingdi	25	0	42/45/13	16	1	11/50/39	2	0	21/36/43
Rajbari	24	0	44/47/9	15	1	8/58/34	6	4	11/51/38	
Shariatpur	25	0	34/47/18	16	1	11/39/50	2	1	17/46/37	
Rajshahi	Bogra	25	1	32/25/43	15	1	3/55/42	2	-1	17/44/39
	Joypurhat	25	2	21/33/46	15	2	3/36/61	0	-1	25/35/39
	Naogaon	25	1	22/31/46	15	2	2/42/56	3	-1	16/41/43
	Natore	24	0	35/44/21	15	1	4/61/35	3	-1	12/45/44
	Nawabganj	24	1	31/26/43	15	1	6/40/54	4	0	13/40/48
	Pabna	24	0	44/43/13	15	1	8/57/35	4	1	13/43/44
	Rajshahi	24	0	35/44/21	15	1	10/43/47	3	-1	11/40/49
Sirajganj	24	0	35/43/21	15	0	12/52/36	4	1	11/46/43	
Rangpur	Dinajpur	25	2	18/18/64	15	2	3/22/75	0	-2	29/36/34
	Gaibandha	25	1	20/29/51	15	2	3/39/58	0	-1	25/36/39
	Kurigram	25	1	18/20/63	15	2	3/18/78	0	-3	34/31/35
	Lalmonirhat	25	2	18/19/63	15	2	4/25/71	0	-2	41/27/32
	Nilphamari	25	2	18/19/64	15	2	4/24/72	0	-2	41/26/33
	Panchagarh	24	1	18/19/63	14	2	3/30/67	2	-1	42/25/32
	Rangpur	25	2	18/19/64	15	2	3/22/75	0	-3	29/36/35
Thakurgaon	25	2	10/22/67	15	2	4/21/75	0	-1	33/35/32	
Mymensingh	Jamalpur	25	1	33/24/43	15	1	3/53/43	2	0	18/39/43
	Mymensingh	25	0	35/22/43	15	0	19/48/32	0	0	23/36/41
	Netrakona	25	1	29/22/49	15	1	22/39/39	0	-1	23/30/46
	Sherpur	25	1	28/27/45	15	1	7/52/41	2	0	23/33/44
Chittagong	Bandarban	24	0	59/29/13	15	0	48/22/30	0	0	37/30/33
	Brahamanbaria	25	0	41/48/10	15	1	13/50/38	2	1	22/33/45
	Chandpur	26	1	34/44/22	16	1	8/38/54	3	1	17/43/40
	Chittagong	26	1	27/48/25	17	0	27/48/25	0	0	37/35/28
	Comilla	26	0	37/39/24	16	1	8/44/48	3	2	22/43/34
	Cox's Bazar	24	0	44/46/10	18	1	10/37/53	0	0	39/34/27
	Feni	26	1	30/48/22	16	1	13/49/38	2	1	29/41/30
	Khagrachhari	26	0	39/45/16	15	0	45/27/28	0	-1	29/38/33
	Lakshmipur	26	1	32/46/22	16	1	7/17/75	0	0	27/39/34
Noakhali	26	1	31/49/21	17	1	5/23/72	0	0	27/43/30	
Rangamati	25	1	41/45/14	14	-1	52/19/29	0	0	29/39/32	
Khulna	Bagerhat	26	1	35/38/27	15	-1	49/24/27	7	3	6/49/44
	Chuadanga	24	0	40/48/11	15	1	9/40/51	5	2	6/45/49
	Jessore	25	0	42/41/17	15	1	13/42/45	8	4	12/44/44
	Jhenaidah	25	0	42/40/19	15	1	9/45/46	4	1	11/45/44
	Khulna	26	1	36/44/20	14	-1	52/21/27	8	4	8/43/49
	Kushtia	24	0	44/43/12	15	1	8/57/35	5	1	11/44/45
	Magura	25	0	43/40/17	15	1	9/47/44	4	2	12/51/37
	Meherpur	24	0	41/47/12	15	1	8/40/52	4	1	9/37/54
	Narail	25	0	45/39/16	15	1	15/42/43	5	3	12/43/45
Satkhira	25	0	36/48/16	15	-1	56/19/25	11	5	12/42/46	
Barisal	Barguna	26	1	29/42/30	15	0	30/43/27	4	1	13/46/41
	Barisal	26	0	39/41/20	15	1	11/37/52	3	1	13/49/38
	Bhola	26	1	38/46/16	17	2	3/19/77	0	-1	10/48/41
	Jhalokati	26	1	32/42/26	15	0	15/54/31	3	1	9/49/42
	Patuakhali	26	1	33/54/14	17	1	4/27/69	0	-1	14/45/42
Pirojpur	26	1	30/44/26	14	-1	31/42/27	4	2	9/50/41	
Sylhet	Habiganj	26	0	36/48/15	16	1	26/42/32	0	0	23/33/44
	Maulvibazar	26	0	33/50/16	15	0	35/34/31	0	-2	23/37/40

	Sunamganj	26	1	26/24/49	15	1	10/44/47	0	-2	22/32/46
	Sylhet	26	1	26/27/47	15	1	11/46/43	0	-2	24/29/47

### 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)