



Weather Impact

WAGENINGEN  
UNIVERSITY & RESEARCH



Issue Date: 12 January 2024

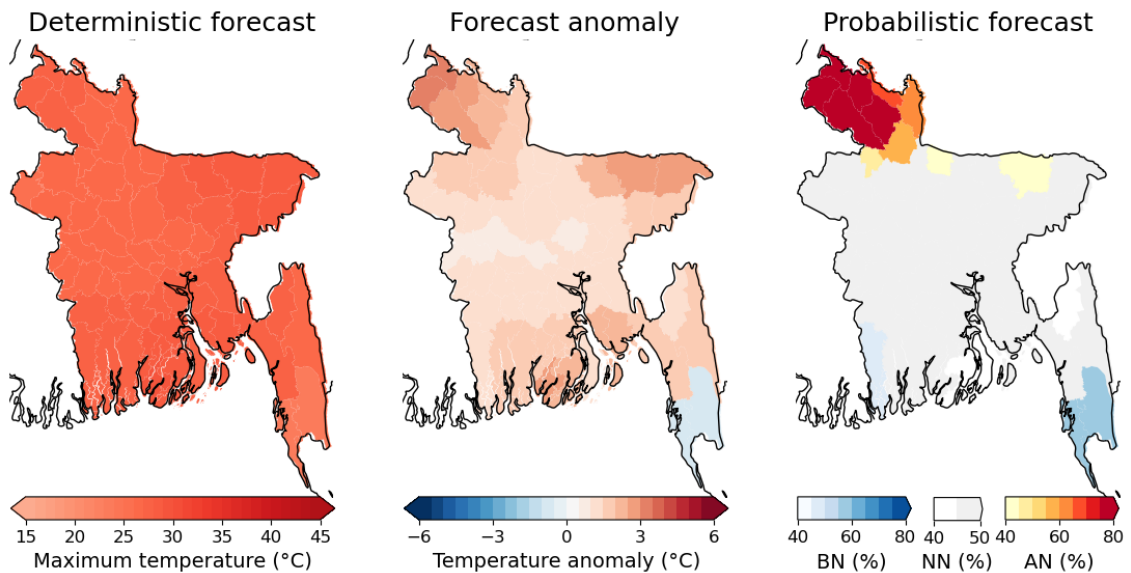
## Subject: Experimental Sub-seasonal forecast for Bangladesh during 12.01.2024 to 08.02.2024

### 1. Weather Forecast for week 1 (Period: 12.01.2024 to 18.01.2024)

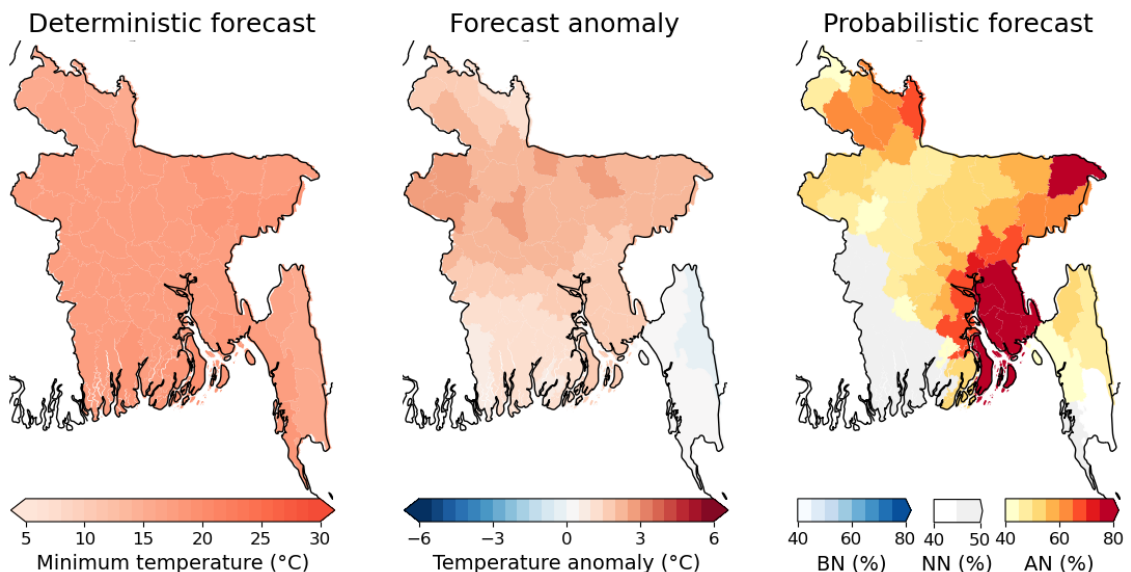
#### 1.1 Significant Information

- Add here the text for significant information.

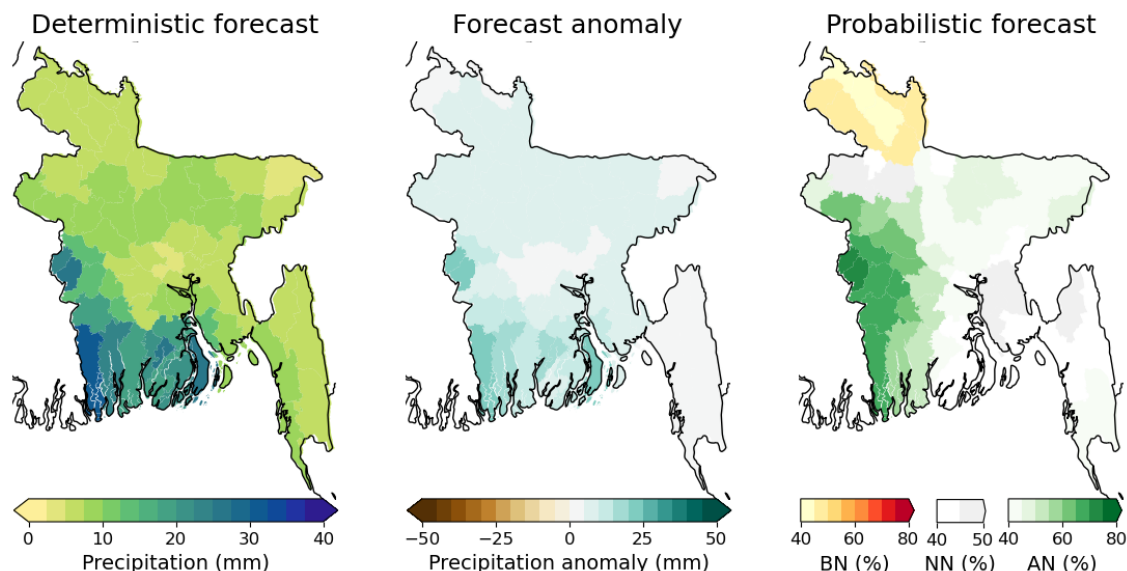
#### 1.2 Maximum Temperature



#### 1.3 Minimum Temperature



## 1.4 Rainfall



## 1.5 Forecast information at District level

Division	District	Maximum Temperature (°C)			Minimum Temperature (°C)			Rainfall (mm)		
		Deterministic	Anomaly	Probabilistic (BN/NN/AN)	Deterministic	Anomaly	Probabilistic (BN/NN/AN)	Deterministic	Anomaly	Probabilistic (BN/NN/AN)
Dhaka	Dhaka	27	1	11/65/24	18	2	2/41/57	5	4	18/37/45
	Faridpur	27	1	20/61/19	18	2	2/48/50	5	3	23/25/52
	Gazipur	27	1	13/63/24	18	2	3/43/54	6	6	16/43/41
	Gopalganj	27	1	28/52/21	17	1	2/48/50	7	6	22/27/51
	Kishoreganj	27	1	3/70/26	18	2	3/41/56	8	8	19/41/41
	Madaripur	27	1	18/56/25	17	2	2/39/60	8	7	21/36/44
	Manikganj	26	1	17/64/19	18	2	3/46/51	5	3	21/31/48
	Munshiganj	27	1	10/63/27	18	2	2/31/68	6	5	19/41/40
	Narayanganj	27	1	10/62/29	18	2	2/28/71	5	4	20/40/41
	Narsingdi	27	1	9/61/30	18	2	3/31/66	5	4	18/39/43
	Rajbari	27	1	16/69/15	18	2	2/53/46	6	4	23/13/64
Shariatpur	27	1	10/63/27	18	2	2/33/66	10	8	20/40/40	
Rajshahi	Bogra	27	2	2/77/21	17	2	0/51/49	8	7	17/47/36
	Joypurhat	27	2	2/52/47	17	2	0/48/52	6	6	24/45/31
	Naogaon	26	2	2/82/17	17	3	8/39/53	7	6	16/46/39
	Natore	26	1	4/74/21	17	2	7/51/42	9	8	21/21/57
	Nawabganj	26	1	10/84/6	17	3	27/21/52	8	6	18/33/49
	Pabna	26	1	17/67/16	18	2	12/41/47	8	6	21/18/61
	Rajshahi	26	1	6/78/16	18	3	5/50/45	8	6	18/20/62
	Sirajganj	26	1	6/72/22	18	3	4/46/50	8	6	18/30/52
Rangpur	Dinajpur	27	3	0/6/94	16	2	16/23/61	7	7	46/14/40
	Gaibandha	26	2	0/41/59	17	2	8/33/59	7	7	46/20/33
	Kurigram	27	2	2/36/63	15	1	29/6/65	6	5	46/19/35
	Lalmonirhat	27	2	0/30/69	16	1	24/16/60	6	5	48/15/38
	Nilphamari	27	3	0/19/81	16	2	24/16/60	6	5	44/20/36
	Panchagarh	27	3	0/3/97	16	2	8/47/45	7	5	42/33/25
	Rangpur	27	2	0/21/79	16	2	17/20/62	7	7	44/15/41
	Thakurgaon	28	3	0/5/95	16	2	17/33/50	6	5	48/29/24
Mymensingh	Jalalpur	27	1	0/64/35	18	2	5/47/48	6	6	24/35/40
	Mymensingh	27	1	2/71/27	18	2	5/43/52	8	8	20/32/48
	Netrakona	28	2	3/64/32	18	3	8/40/53	8	8	17/37/46
	Sherpur	27	1	0/55/44	18	3	6/44/49	6	6	36/25/39
Chittagong	Bandarban	23	-1	55/31/14	16	0	34/34/32	7	5	21/35/44
	Brahmanbaria	27	1	8/62/30	18	2	3/29/68	7	6	22/39/39
	Chandpur	28	1	3/64/33	18	2	2/18/80	9	8	19/46/34
	Chittagong	27	2	19/51/30	17	0	14/43/43	8	5	25/43/32
	Comilla	28	1	5/61/33	18	2	2/20/78	7	5	19/46/35
Cox's Bazar	23	-1	59/32/10	18	0	14/73/14	9	5	23/34/44	

	Feni	28	2	15/48/38	18	2	0/17/83	7	5	29/35/36
	Khagrachhari	28	1	23/43/34	16	0	14/32/54	6	4	21/48/31
	Lakshmipur	28	2	9/56/35	18	2	2/17/82	15	11	19/49/32
	Noakhali	28	2	14/48/38	19	2	0/18/82	10	6	36/34/30
	Rangamati	26	2	18/63/19	15	0	34/18/48	5	3	19/42/40
Khulna	Bagerhat	28	2	25/51/24	18	1	17/63/20	20	12	21/26/53
	Chuadanga	27	1	21/69/10	17	2	6/59/36	25	22	11/18/71
	Jessore	27	1	33/57/10	17	1	3/65/32	20	14	19/13/68
	Jhenaidah	27	1	28/62/10	18	2	3/61/36	13	9	18/15/68
	Khulna	28	2	35/48/17	18	1	19/64/16	23	15	20/21/58
	Kushtia	26	1	14/72/14	18	2	8/54/38	14	11	15/19/66
	Magura	27	1	24/65/11	18	2	2/53/46	11	7	21/11/67
	Meherpur	26	1	18/79/3	17	2	6/63/31	24	20	13/12/75
	Narail	27	1	30/56/14	17	1	2/54/45	14	10	20/19/61
	Satkhira	27	1	45/47/8	18	1	33/55/12	32	24	20/11/69
	Barisal	Barguna	29	3	21/47/32	18	1	14/62/25	18	9
Barisal		28	2	23/51/26	17	1	2/33/66	19	15	21/40/39
Bhola		27	1	33/29/38	19	2	0/25/75	27	21	24/42/33
Jhalokati		28	2	22/53/26	17	1	0/55/45	26	19	22/37/41
Patuakhali		28	2	33/33/34	18	1	0/46/54	22	15	23/41/36
Pirojpur		28	2	22/52/26	17	1	8/62/30	22	16	23/36/41
Sylhet	Habiganj	28	2	5/73/22	18	2	0/37/63	10	9	27/32/41
	Maulvibazar	29	2	4/73/23	18	2	0/38/62	7	6	24/28/48
	Sunamganj	28	3	10/46/44	18	2	2/42/56	6	5	28/30/42
	Sylhet	28	3	6/62/32	17	2	0/23/77	4	3	34/23/43

## 1.6 Guidance

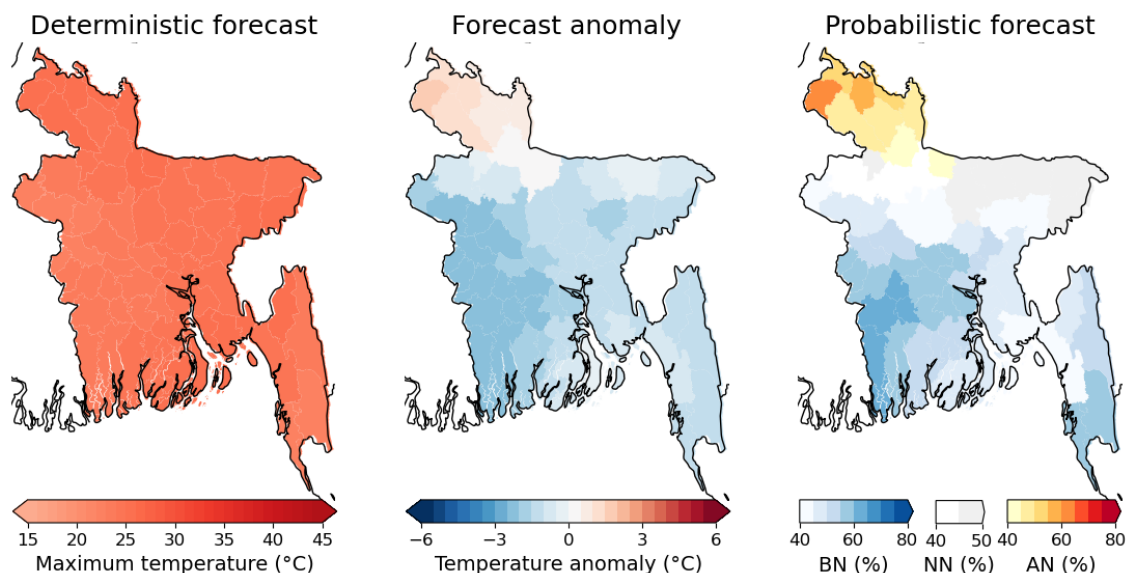
- Add here the text for guidance.

## 2. Weather Forecast for week 2 (Period: 19.01.2024 to 25.01.2024)

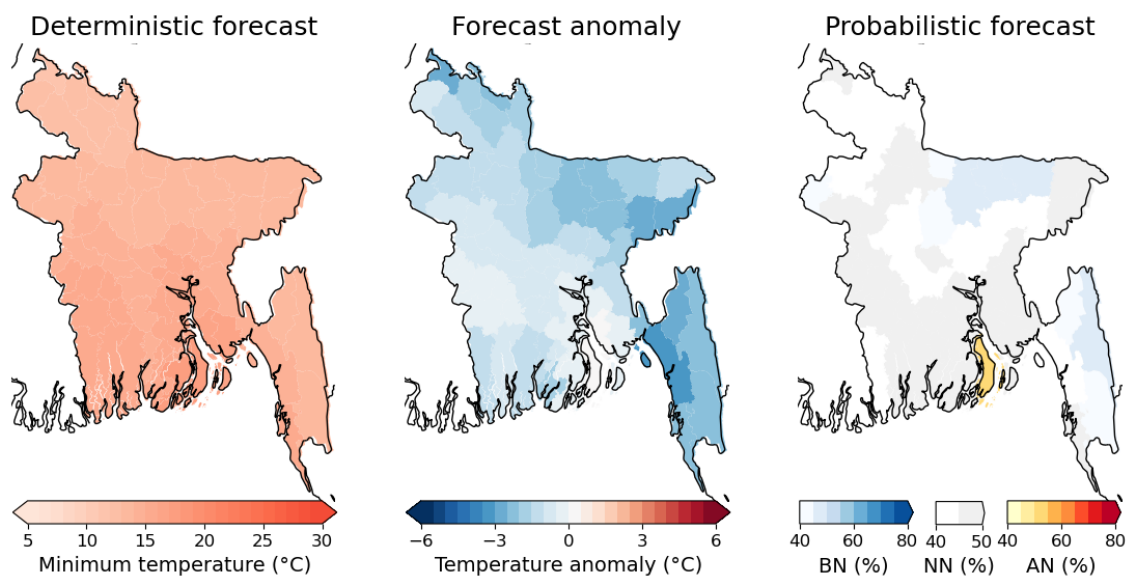
### 2.1 Significant Information

- Add here the text for significant information.

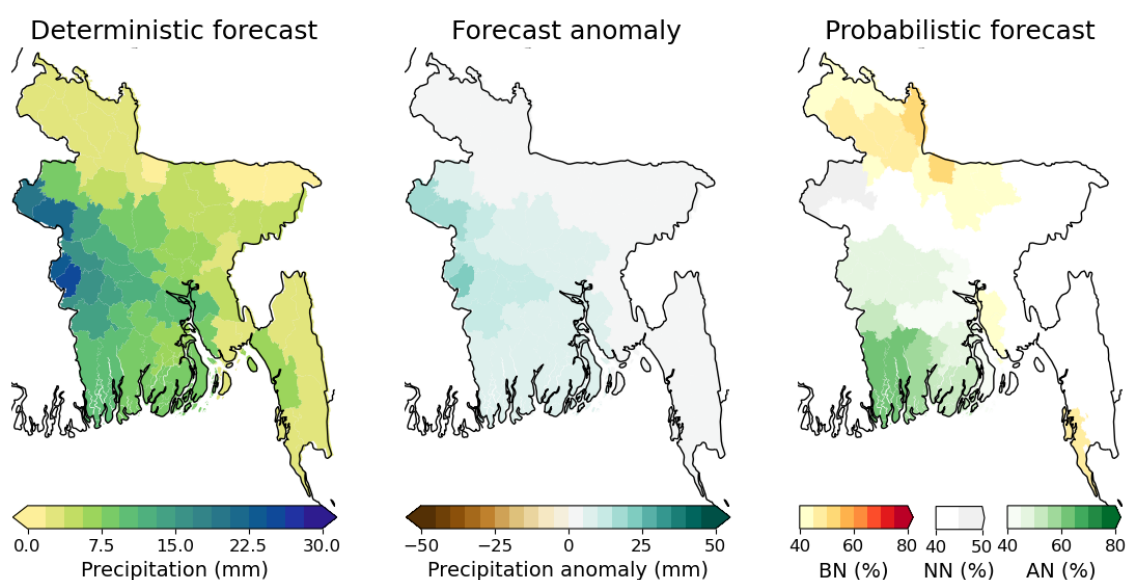
### 2.2 Maximum Temperature



### 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	24	-1	55/26/19	15	-1	34/45/21	7	7	32/28/40
	Faridpur	24	-2	60/24/16	15	-1	32/44/24	12	11	24/30/46
	Gazipur	24	-1	48/33/19	14	-1	37/44/19	6	6	39/25/36
	Gopalganj	24	-2	60/21/19	15	-1	22/53/25	8	7	27/29/44
	Kishoreganj	24	-2	43/41/16	14	-2	38/44/18	5	5	35/35/30
	Madaripur	24	-2	58/20/22	15	-1	27/48/25	10	9	33/24/43
	Manikganj	24	-2	55/27/17	15	-1	34/47/19	10	9	30/23/47
	Munshiganj	24	-1	55/23/22	15	0	32/46/22	9	8	33/24/43
	Narayanganj	24	-1	53/24/24	15	-1	35/44/21	7	7	32/30/38
	Narsingdi	24	-1	51/26/24	15	-1	37/45/18	6	6	40/26/35
	Rajbari	23	-2	59/27/14	15	-1	32/44/24	12	11	26/25/49
Shariatpur	24	-2	56/22/22	15	0	24/46/29	11	10	35/22/43	
Rajshahi	Bogra	24	-1	32/39/29	14	-1	33/52/15	4	4	36/35/30
	Joypurhat	24	0	19/47/34	13	-1	36/38/26	3	3	43/27/30
	Naogaon	24	-1	30/45/25	13	-1	39/41/20	9	7	21/48/31
	Natore	23	-2	47/39/14	14	-1	29/52/19	14	12	22/39/39
	Nawabganj	23	-2	41/45/14	13	-1	42/34/25	19	17	17/49/34

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

## 2.6 Guidance

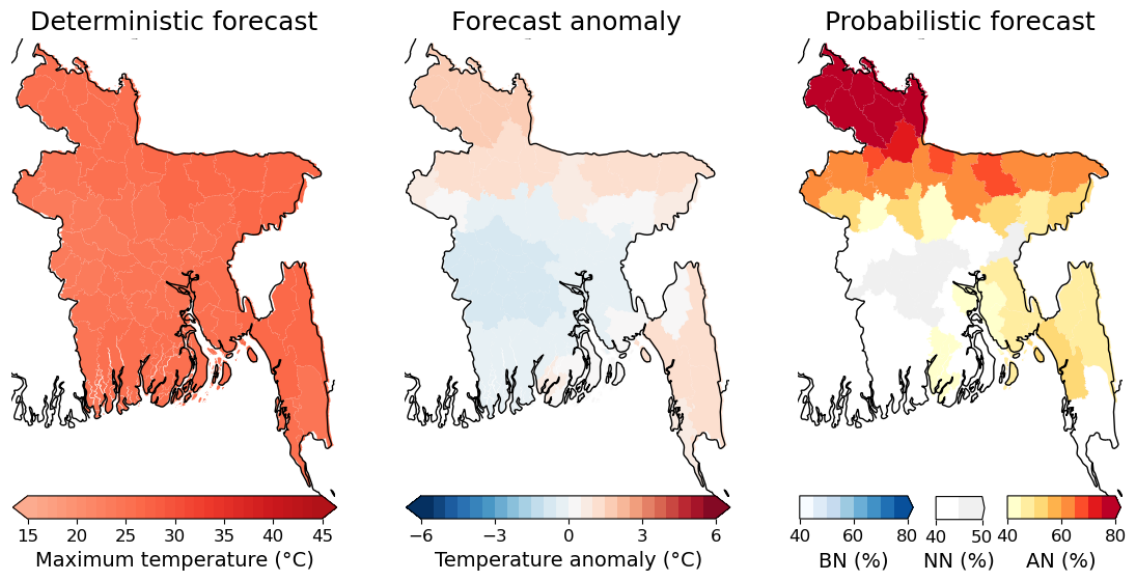
- Add here the text for guidance.

## 3. Weather Outlook for week 3+4 (Period: 26.01.2024 to 08.02.2024)

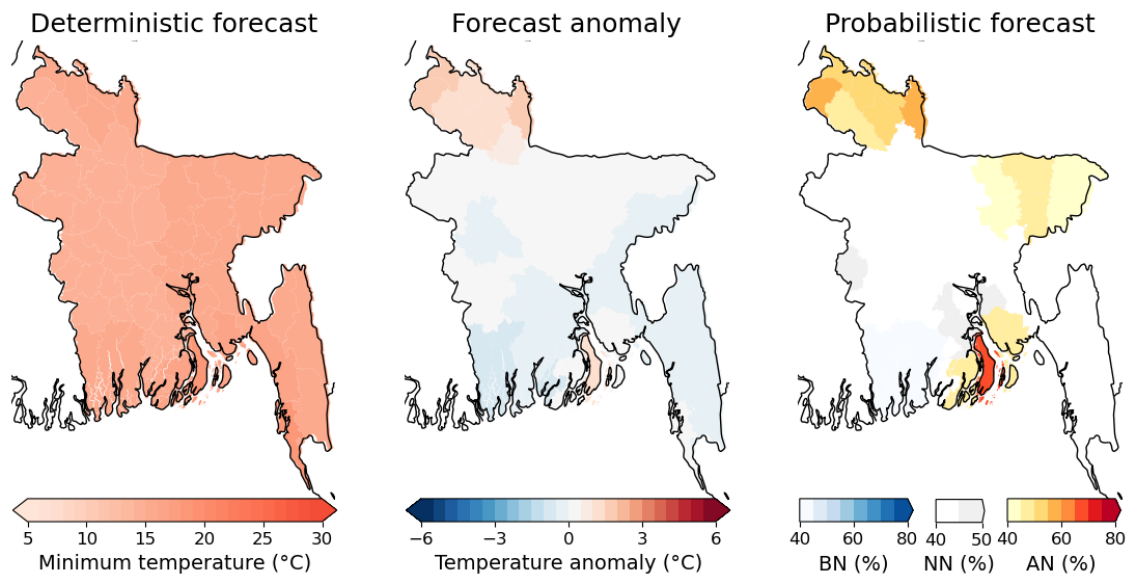
### 3.2 Significant Information

- Add here the text for significant information.

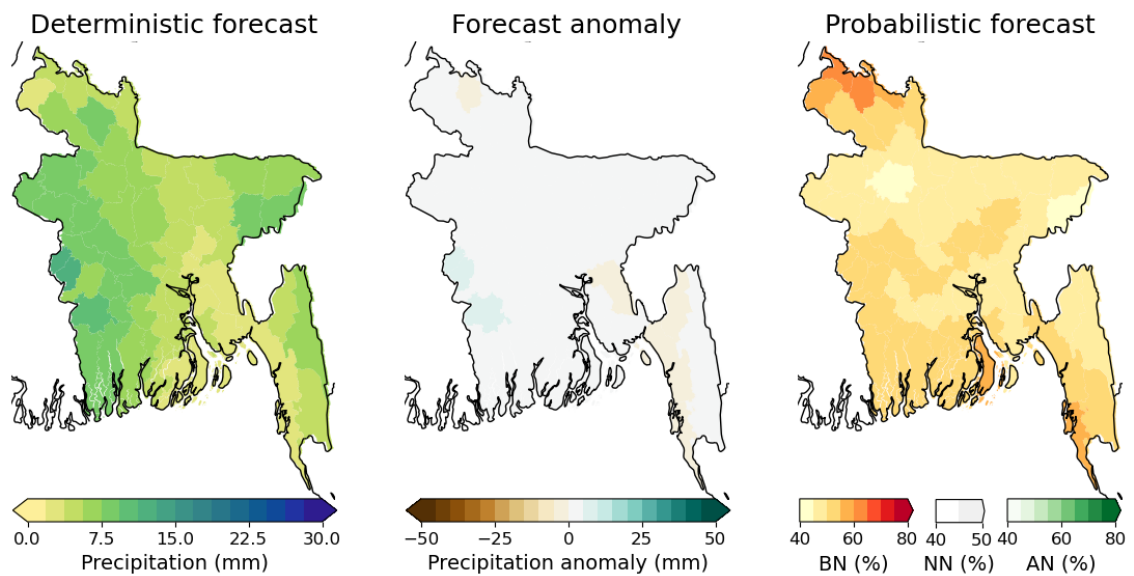
### 3.2 Maximum Temperature



### 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	24	0	20/47/34	15	0	31/37/32	4	1	51/22/27
	Faridpur	24	-1	22/49/29	15	0	24/43/33	8	4	50/25/25
	Gazipur	25	0	20/41/39	15	0	36/32/33	5	2	50/24/26
	Gopalganj	24	-1	22/49/29	15	0	28/41/31	6	3	48/28/24
	Kishoreganj	26	0	15/35/51	16	0	30/30/40	5	1	50/25/25
	Madaripur	25	-1	22/45/34	15	0	24/45/30	5	2	49/28/23
	Manikganj	24	-1	19/48/33	15	0	36/33/32	6	2	50/27/24
	Munshiganj	25	0	22/43/35	15	0	26/40/34	5	1	50/25/25
	Narayanganj	25	0	20/44/36	15	0	26/40/34	3	1	50/21/29
	Narsingdi	25	0	17/44/40	15	0	29/38/33	3	1	50/24/26
Rajbari	24	-1	20/49/31	15	0	28/40/33	8	4	51/27/22	
Shariatpur	25	0	20/39/41	15	0	24/44/32	5	2	47/30/23	
Rajshahi	Bogra	25	1	10/28/61	14	0	27/40/33	6	2	44/29/27
	Joypurhat	25	1	6/24/70	14	0	29/33/38	8	3	48/27/25
	Naogaon	25	1	9/27/64	14	0	29/37/34	8	3	48/27/26
	Natore	24	0	17/39/44	14	0	22/44/34	8	3	47/25/28
	Nawabganj	24	1	11/28/60	14	0	37/36/26	8	2	48/27/25
	Pabna	24	-1	22/44/34	15	0	32/33/34	8	4	51/21/28
	Rajshahi	24	0	16/32/53	14	0	29/40/31	8	3	49/26/24
Rangpur	Sirajganj	24	0	19/30/51	15	0	35/29/37	7	3	48/23/28
	Dinajpur	25	2	5/17/78	15	1	20/31/48	7	2	52/23/25
	Gaibandha	25	1	7/22/71	15	1	17/44/39	7	3	48/26/26
	Kurigram	26	2	5/17/78	16	2	19/24/57	6	2	54/20/26
	Lalmonirhat	26	2	5/19/76	15	1	25/21/54	5	0	59/21/20
	Nilphamari	26	2	5/18/77	15	1	25/22/53	5	0	61/19/20
	Panchagarh	26	2	6/12/82	15	2	17/29/54	4	1	61/16/23
Mymensingh	Rangpur	25	2	5/18/77	15	1	21/27/52	8	3	51/24/25
	Thakurgaon	25	2	5/14/81	15	2	18/24/58	4	0	58/22/21
	Jamalpur	26	1	12/24/64	15	0	27/35/38	6	2	46/24/30
	Mymensingh	26	1	11/26/63	15	0	34/30/36	6	1	47/27/26
	Netrakona	26	1	5/26/69	15	0	26/29/44	5	1	47/21/31
	Sherpur	26	1	8/26/66	15	0	26/38/36	5	1	47/23/30
	Chittagong	Bandarban	25	1	24/40/35	16	0	37/29/34	4	0
Brahamanbaria		25	0	15/46/40	15	0	32/36/32	4	0	48/27/25
Chandpur		25	0	19/37/44	15	0	18/48/34	4	0	46/33/21
Chittagong		26	1	12/36/52	17	0	35/35/30	3	0	54/28/18
Comilla		25	0	17/35/47	15	0	26/39/35	3	-1	49/26/26
Cox's Bazar		25	1	28/34/38	18	0	27/34/40	3	-2	57/25/18
Feni		26	0	12/41/47	16	0	27/39/34	3	1	50/29/21
Khagrachhari		27	0	15/36/48	16	0	35/27/38	4	0	49/34/17
Lakshmipur		25	0	16/39/44	16	0	9/46/45	4	1	52/27/21
Noakhali		26	0	12/41/47	17	0	9/43/48	3	1	50/29/21
Khulna	Rangamati	26	1	15/39/46	15	0	33/37/30	6	2	49/32/19
	Bagerhat	25	0	22/41/37	15	0	44/25/31	6	1	53/26/21
	Chuadanga	24	-1	29/38/33	15	0	18/49/34	12	8	53/22/25
	Jessore	24	-1	24/41/35	15	0	26/41/34	11	5	52/25/23
	Jhenaidah	24	-1	23/46/31	15	0	22/43/34	7	3	52/22/25
	Khulna	25	0	24/37/40	15	-1	44/25/31	8	3	54/24/22
	Kushtia	24	-1	21/45/34	14	0	23/43/34	8	3	51/22/28
	Magura	24	-1	22/49/30	15	0	24/43/34	8	4	48/26/26
	Meherpur	24	-1	25/39/36	15	0	20/45/34	13	9	52/21/28
	Narail	24	-1	22/49/29	15	0	28/40/32	8	4	48/28/25
Barisal	Satkhira	25	0	29/37/34	15	-1	44/27/28	8	2	53/25/22
	Barguna	26	1	20/36/44	15	-1	38/31/30	5	1	54/23/23
	Barisal	25	0	19/42/39	15	0	21/45/33	4	1	51/26/23
	Bhola	25	0	23/39/39	18	1	8/27/65	4	1	56/23/21
	Jhalokati	25	0	17/40/43	15	0	28/41/31	5	2	50/26/23
Sylhet	Patuakhali	25	0	22/39/39	17	0	16/38/46	3	1	53/25/22
	Pirojpur	25	0	16/41/43	15	0	44/26/31	6	2	52/25/23
	Habiganj	26	0	13/39/48	16	0	33/22/46	8	3	47/30/23
Maulvibazar	Maulvibazar	27	1	12/34/54	15	0	27/31/42	8	2	45/33/22

	Sunamganj	26	1	5/33/62	15	0	15/40/45	6	2	47/28/26
	Sylhet	27	1	5/34/61	15	0	13/43/44	6	3	45/35/20

### 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)