



Weather Impact

WAGENINGEN  
UNIVERSITY & RESEARCH



Issue Date: 19 January 2024

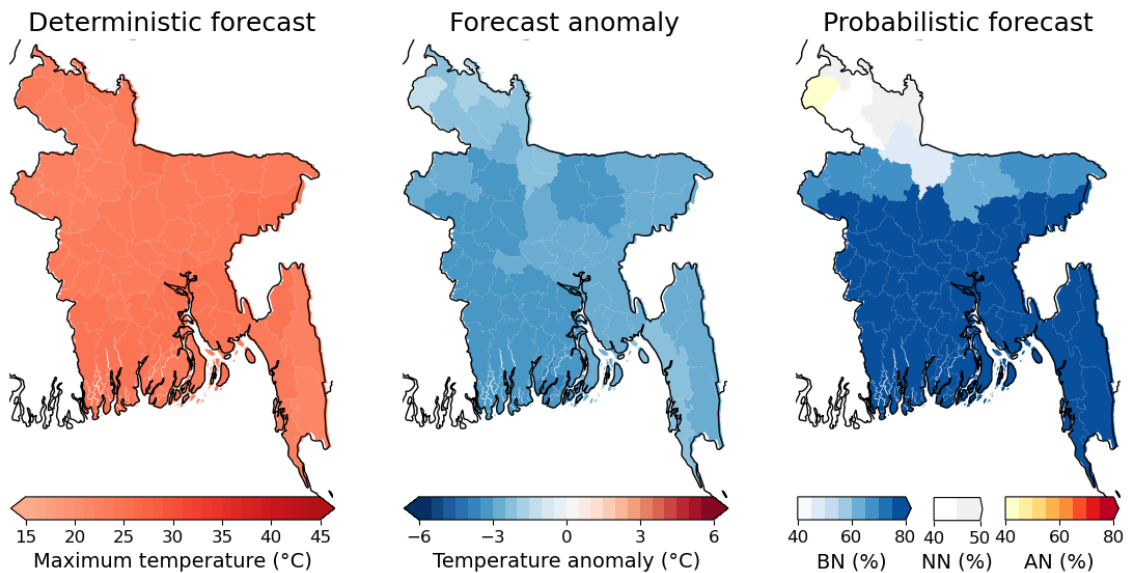
## Subject: Experimental Sub-seasonal forecast for Bangladesh during 19.01.2024 to 15.02.2024

### 1. Weather Forecast for week 1 (Period: 19.01.2024 to 25.01.2024)

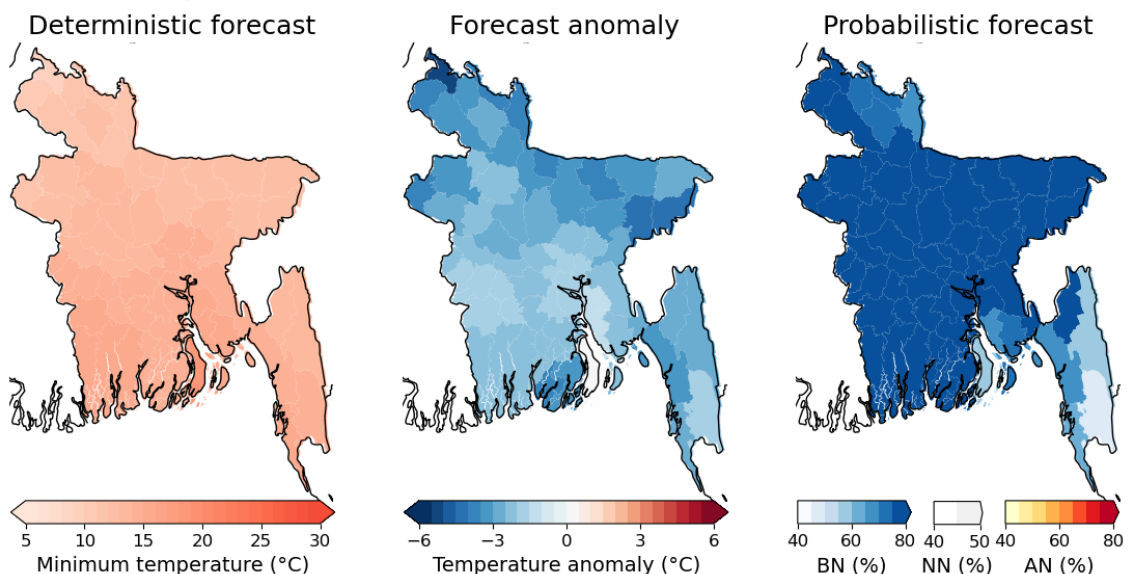
#### 1.1 Significant Information

- Add here the text for significant information.

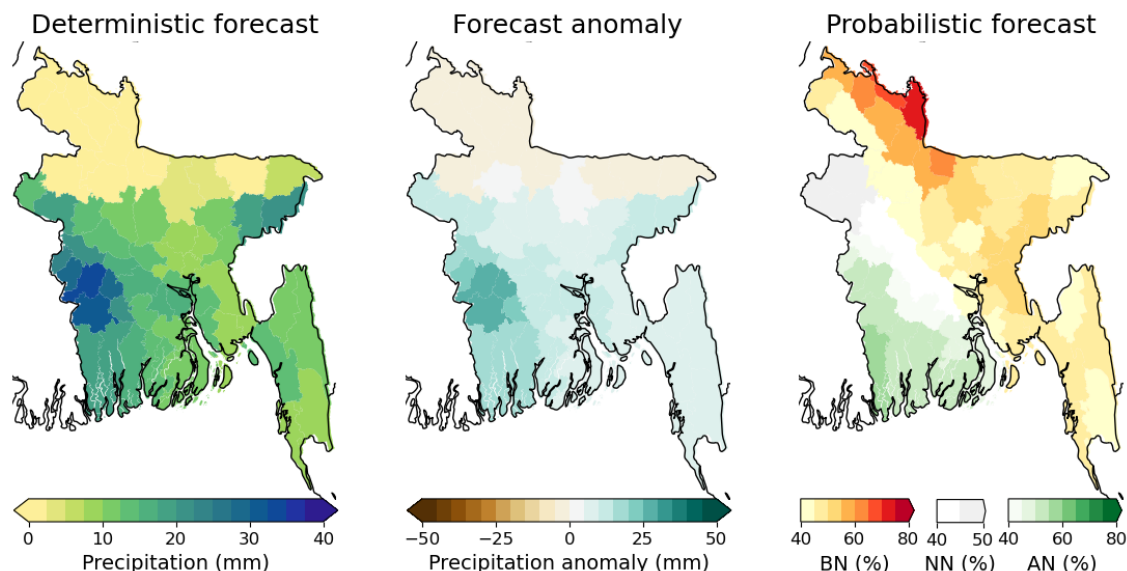
#### 1.2 Maximum Temperature



#### 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	24	-3	97/3/0	15	-2	96/4/0	10	8	46/30/24
	Faridpur	24	-3	100/0/0	14	-2	93/7/0	16	14	31/32/37
	Gazipur	24	-3	92/8/0	14	-2	96/4/0	8	6	42/43/15
	Gopalganj	24	-3	98/2/0	15	-2	87/11/2	13	11	27/32/41
	Kishoreganj	23	-3	80/20/0	13	-3	95/5/0	11	7	45/44/11
	Madaripur	24	-3	98/2/0	15	-2	86/13/2	17	14	38/22/39
	Manikganj	24	-3	98/2/0	14	-2	96/4/0	14	12	43/30/26
	Munshiganj	24	-3	94/6/0	15	-2	92/8/0	14	11	42/31/27
	Narayanganj	24	-3	92/8/0	15	-2	92/8/0	9	7	48/31/21
	Narsingdi	24	-3	87/13/0	14	-2	96/4/0	8	7	50/34/15
	Rajbari	24	-3	100/0/0	14	-2	92/8/0	15	13	30/37/33
Shariatpur	24	-3	94/6/0	15	-2	90/9/2	16	13	42/23/35	
Rajshahi	Bogra	23	-3	65/35/0	14	-2	95/5/0	2	0	43/51/6
	Joypurhat	23	-3	67/33/0	13	-2	90/10/0	0	-3	41/52/7
	Naogaon	23	-3	67/33/0	12	-3	92/8/0	2	-1	35/59/7
	Natore	23	-3	100/0/0	14	-2	91/9/0	13	10	38/43/19
	Nawabganj	23	-3	67/33/0	12	-4	93/7/0	15	11	33/54/13
	Pabna	23	-3	100/0/0	13	-3	96/4/0	13	10	37/31/32
	Rajshahi	23	-3	97/3/0	13	-3	90/10/0	18	14	33/53/14
	Sirajganj	23	-3	96/4/0	13	-3	97/3/0	10	7	42/43/16
Rangpur	Dinajpur	23	-2	39/44/17	12	-3	75/22/3	0	-2	44/55/1
	Gaibandha	23	-3	49/51/0	12	-3	92/8/0	0	-3	56/43/1
	Kurigram	23	-2	35/62/3	11	-4	68/32/0	2	-2	72/28/0
	Lalmonirhat	23	-2	35/51/14	11	-4	71/18/11	2	-2	66/34/0
	Nilphamari	24	-2	35/43/22	12	-3	72/17/11	0	-2	63/36/0
	Panchagarh	23	-2	30/67/3	9	-5	89/11/0	2	-1	56/40/4
	Rangpur	23	-2	39/52/8	12	-3	70/21/8	0	-3	60/39/1
	Thakurgaon	24	-1	33/25/41	11	-4	79/18/3	2	-1	48/52/0
Mymen- singh	Jamalpur	24	-2	48/52/0	13	-3	97/3/0	0	-1	57/39/4
	Mymen- singh	24	-3	63/37/0	13	-3	95/5/0	5	0	50/40/10
	Netrakona	23	-3	63/37/0	13	-4	93/7/0	3	0	49/42/8
	Sherpur	24	-2	46/54/0	12	-4	97/3/0	0	-2	61/35/3
Chitta- gong	Bandarban	22	-3	98/2/0	14	-2	46/36/17	9	7	44/18/37
	Brahamanba ria	24	-3	87/13/0	14	-3	95/5/0	12	10	53/30/16
	Chandpur	24	-3	86/14/0	15	-1	89/10/2	15	12	49/22/29
	Chittagong	24	-2	87/13/0	15	-3	69/29/2	13	8	48/20/32
	Comilla	25	-3	79/21/0	14	-2	88/11/2	9	8	51/23/26
Cox's Bazar	22	-2	97/3/0	16	-3	61/38/1	8	6	47/16/36	

	Feni	25	-3	81/19/0	14	-3	85/13/2	10	8	47/27/26
	Khagrachhari	25	-3	92/8/0	14	-3	78/20/2	11	7	42/31/27
	Lakshmipur	25	-3	83/17/0	16	-1	65/30/4	14	11	45/20/35
	Noakhali	24	-3	81/19/0	15	-2	74/26/0	9	8	46/18/36
	Rangamati	23	-3	97/3/0	13	-3	58/37/5	10	8	45/18/37
Khulna	Bagerhat	24	-3	100/0/0	15	-2	88/11/1	17	15	9/39/52
	Chuadanga	24	-3	100/0/0	14	-2	81/18/1	28	21	22/28/50
	Jessore	24	-3	100/0/0	15	-2	77/20/3	32	29	19/27/54
	Jhenaidah	24	-3	100/0/0	15	-2	83/17/1	34	29	28/22/50
	Khulna	24	-3	100/0/0	15	-2	86/13/1	19	18	10/39/51
	Kushtia	23	-3	100/0/0	14	-2	86/14/0	20	16	28/30/41
	Magura	24	-3	100/0/0	15	-2	87/13/0	30	27	25/33/42
	Meherpur	24	-3	100/0/0	14	-2	79/20/0	25	18	22/30/48
	Narail	24	-3	100/0/0	15	-2	86/13/2	22	20	25/32/43
	Satkhira	24	-3	100/0/0	16	-2	75/21/3	18	17	3/40/57
Barisal	Barguna	23	-4	97/3/0	14	-4	87/11/3	13	11	20/29/51
	Barisal	24	-3	97/3/0	15	-2	86/13/2	12	10	36/19/45
	Bhola	24	-3	95/5/0	18	0	55/39/6	12	9	35/16/49
	Jhalokati	24	-3	98/2/0	14	-2	86/13/1	13	10	26/25/49
	Patuakhali	24	-3	97/3/0	15	-3	82/17/1	12	10	21/26/52
	Pirojpur	24	-3	98/2/0	14	-2	87/12/1	14	12	23/27/51
Sylhet	Habiganj	24	-3	95/5/0	13	-4	95/5/0	18	12	51/34/16
	Maulvibazar	25	-3	97/3/0	13	-4	89/11/0	20	12	46/39/15
	Sunamganj	23	-3	67/33/0	12	-3	88/12/0	2	-2	48/39/13
	Sylhet	23	-3	65/35/0	13	-3	90/10/0	6	-1	44/46/10

## 1.6 Guidance

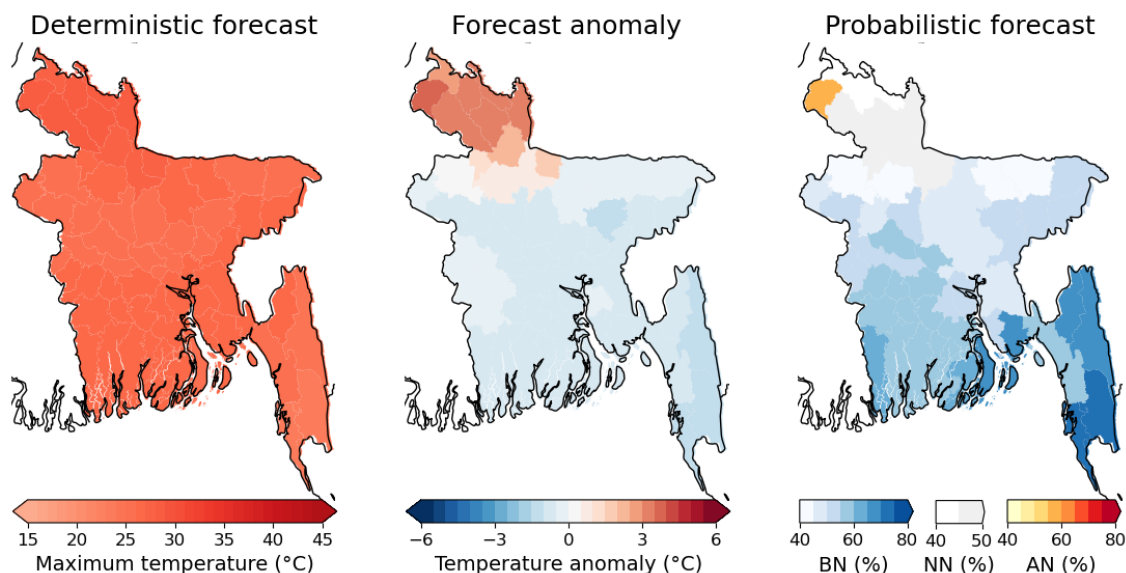
- Add here the text for guidance.

## 2. Weather Forecast for week 2 (Period: 26.01.2024 to 01.02.2024)

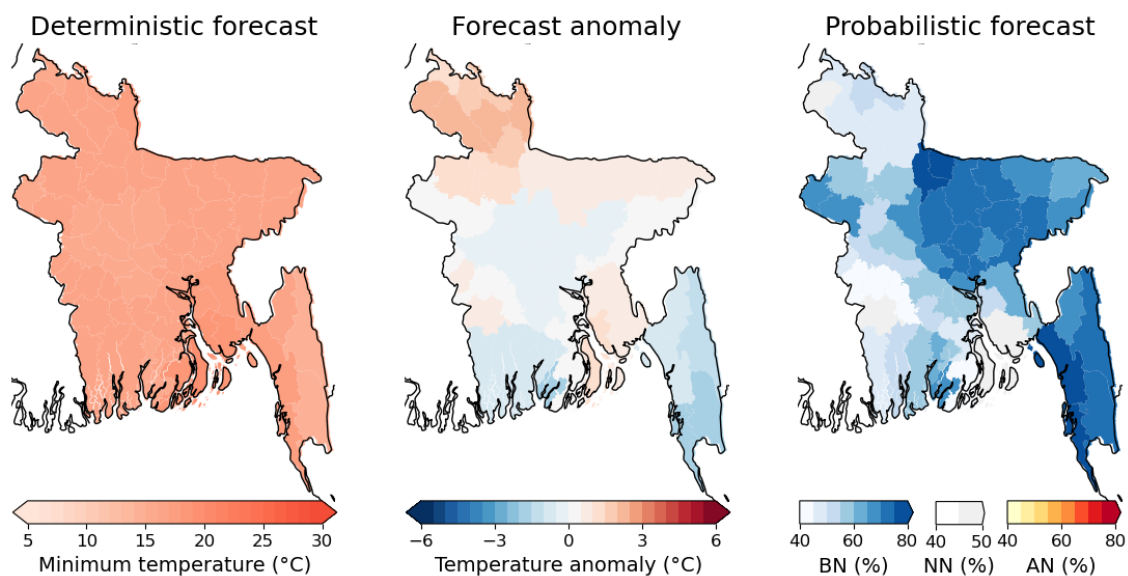
### 2.1 Significant Information

- Add here the text for significant information.

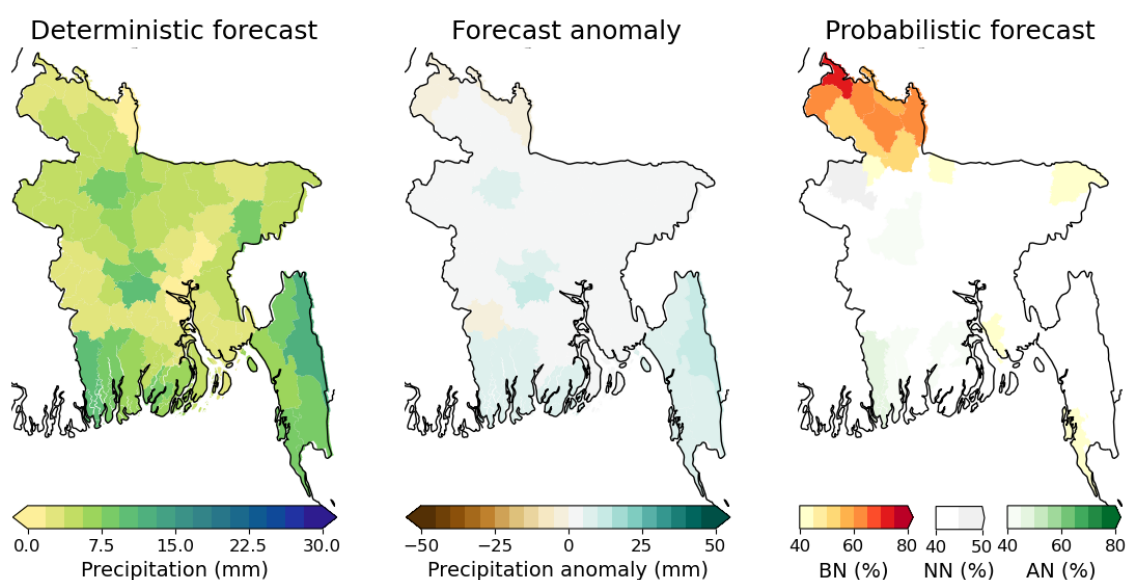
### 2.2 Maximum Temperature



### 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	26	-1	50/50/0	16	0	70/25/5	3	2	36/32/31
	Faridpur	26	-1	57/43/0	16	0	58/34/8	11	10	26/36/38
	Gazipur	26	-1	48/52/0	16	0	72/24/5	2	1	39/29/32
	Gopalganj	26	-1	57/43/0	16	0	54/39/7	3	3	31/33/37
	Kishoreganj	26	-1	53/47/0	17	0	70/26/4	3	1	39/29/32
	Madaripur	26	-1	53/47/0	16	0	58/35/7	3	2	37/29/33
	Manikganj	26	-1	55/45/0	16	0	68/26/5	9	8	32/33/35
	Munshiganj	26	-1	53/47/0	17	0	66/28/6	2	1	36/32/32
	Narayanganj	26	-1	48/52/0	17	0	70/24/6	2	1	39/30/31
	Narsingdi	26	-1	48/52/0	16	0	68/28/4	2	1	39/30/31
	Rajbari	26	-1	55/45/0	16	0	53/40/7	9	9	27/38/35
Shariatpur	27	-1	53/47/0	17	0	55/38/7	2	1	38/27/35	
Rajshahi	Bogra	26	1	44/53/3	17	1	56/40/4	8	6	35/38/27
	Joypurhat	27	1	32/56/11	17	1	46/48/6	5	3	42/41/17
	Naogaon	26	0	42/55/3	17	1	58/41/2	6	3	30/47/23
	Natore	25	-1	50/50/0	16	0	54/41/5	4	3	34/27/39
	Nawabganj	25	0	49/48/3	16	0	65/34/1	5	2	31/44/25

Rangpur	Pabna	25	-1	56/44/0	16	0	56/38/7	5	4	32/27/41
	Rajshahi	25	-1	52/48/0	16	0	66/29/5	4	2	26/42/32
	Sirajganj	26	-1	50/50/0	16	0	67/30/3	6	5	35/24/40
	Dinajpur	28	3	21/47/31	17	2	49/35/17	5	2	53/33/14
	Gaibandha	28	2	30/50/20	17	2	48/51/1	4	2	53/28/19
	Kurigram	29	3	22/49/30	17	2	50/39/11	2	0	62/26/12
	Lalmonirhat	28	3	28/37/35	17	2	51/32/17	3	0	60/31/9
	Nilphamari	29	3	29/33/38	16	2	53/28/19	3	0	61/27/12
	Panchagarh	28	3	25/38/37	16	1	50/46/4	2	0	72/21/7
Mymen-singh	Rangpur	28	3	21/53/25	17	2	49/40/11	5	2	61/24/16
	Thakurgaon	29	4	26/19/56	17	2	36/47/17	2	0	63/28/9
	Jamalpur	27	1	34/60/6	16	1	75/24/1	6	5	37/38/26
	Mymen-singh	27	0	45/55/0	17	1	72/25/2	5	4	39/31/30
Chitta-gong	Netrakona	26	0	42/58/0	17	1	71/26/2	4	3	35/43/22
	Sherpur	28	2	34/51/14	16	1	78/21/1	5	4	41/37/21
	Bandarban	23	-1	71/26/3	15	-2	75/22/3	8	8	33/35/32
	Brahamanbaria	26	-1	51/46/3	17	0	70/26/4	5	3	39/30/31
	Chandpur	27	0	47/51/2	18	1	52/41/7	3	3	39/30/31
	Chittagong	25	-1	55/40/5	17	-1	76/18/6	6	5	37/27/36
	Comilla	27	-1	47/48/5	17	1	63/29/8	4	3	35/32/33
	Cox's Bazar	23	-1	71/27/2	17	-2	81/17/3	8	8	41/28/31
	Feni	27	-1	58/36/6	18	1	59/33/8	3	2	38/31/31
	Khagrachhari	27	-1	68/27/5	16	-1	69/24/7	8	6	35/32/33
Khulna	Lakshmipur	27	-1	55/42/3	18	1	36/48/15	3	2	43/25/33
	Noakhali	26	-1	69/26/5	19	1	38/49/13	3	2	36/30/34
	Rangamati	25	-1	68/27/5	15	-1	70/23/7	13	12	35/31/35
	Bagerhat	26	-1	56/44/0	17	-1	59/32/9	6	5	18/45/37
	Chuadanga	26	0	54/46/0	17	1	43/46/11	3	1	23/44/33
	Jessore	27	0	60/40/0	17	1	37/51/12	2	0	26/36/39
	Jhenaidah	26	0	56/44/0	17	0	43/47/10	3	0	24/41/36
	Khulna	27	-1	55/45/0	16	-1	52/36/12	8	7	21/37/43
	Kushtia	26	0	54/46/0	16	0	52/41/7	2	1	24/37/39
	Magura	26	0	57/43/0	16	0	45/47/9	5	4	26/38/36
Barisal	Meherpur	26	0	54/46/0	16	0	49/43/8	3	1	23/40/38
	Narail	26	-1	57/43/0	17	0	43/47/10	3	1	30/33/37
	Satkhira	26	-1	61/39/0	17	-1	47/39/14	10	9	13/39/47
	Barguna	26	-1	55/45/0	16	-2	65/25/10	8	7	20/45/35
	Barisal	27	-1	55/45/0	17	0	48/46/6	3	2	39/19/42
	Bhola	26	-1	69/31/0	19	1	38/46/16	5	4	32/33/35
	Jhalokati	27	-1	55/45/0	16	-1	58/34/9	4	3	32/28/40
Sylhet	Patuakhali	26	-1	61/39/0	18	0	42/50/8	6	5	27/37/36
	Pirojpur	27	-1	55/42/3	16	-1	62/29/9	5	4	31/25/44
	Habiganj	27	-1	51/49/0	17	0	75/24/1	8	3	38/31/31
	Maulvibazar	27	-1	52/48/0	17	0	66/32/2	5	1	38/37/25
Sylhet	Sunamganj	26	0	44/56/0	16	1	68/30/1	4	1	37/42/21
	Sylhet	26	0	52/48/0	16	1	60/40/0	6	4	42/39/19

## 2.6 Guidance

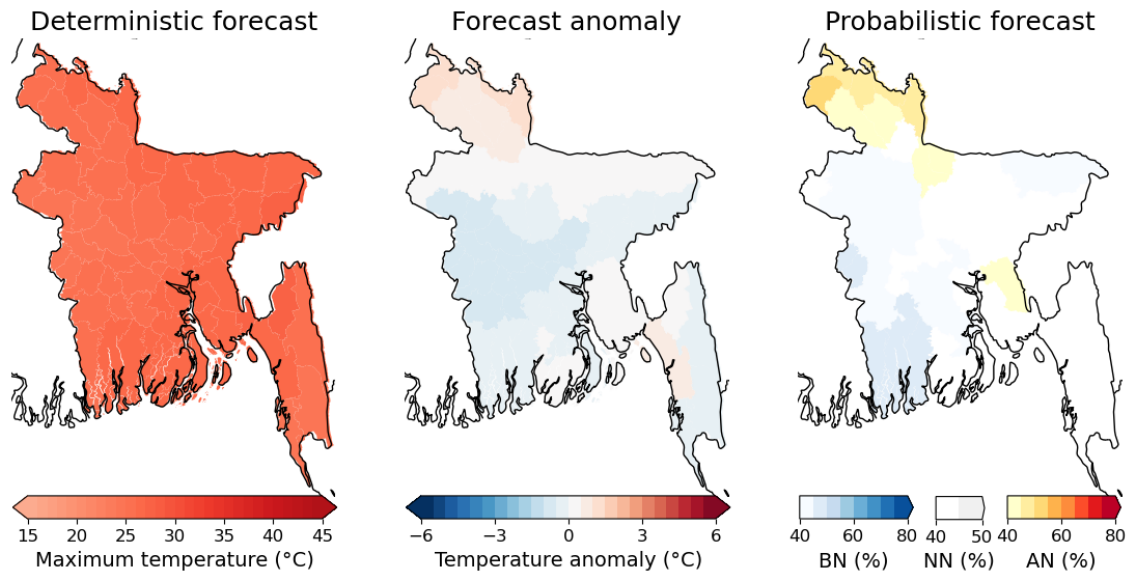
- Add here the text for guidance.

## 3. Weather Outlook for week 3+4 (Period: 02.02.2024 to 15.02.2024)

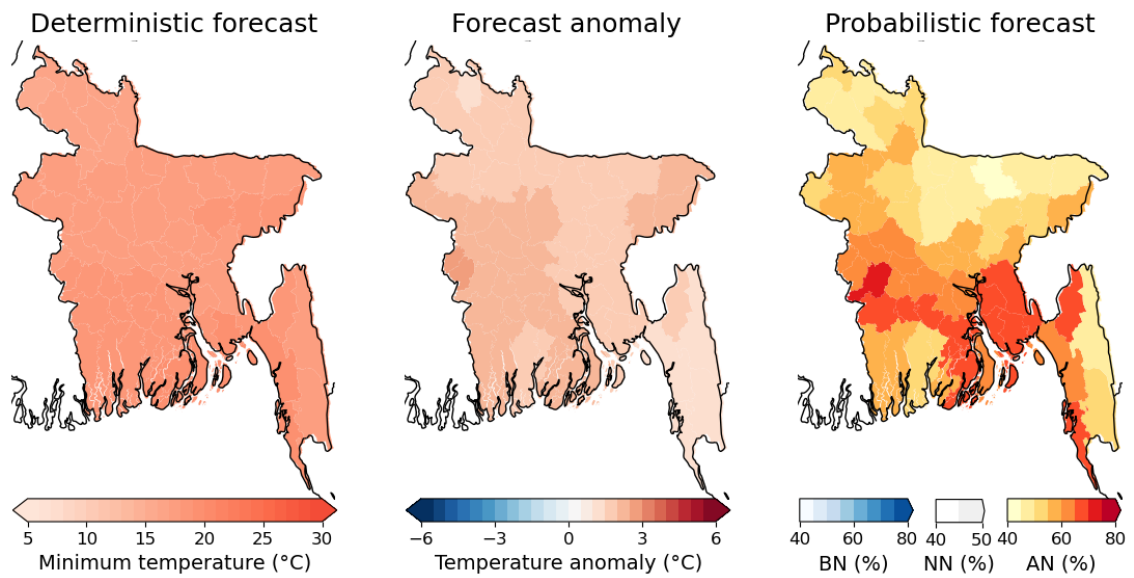
### 3.2 Significant Information

- Add here the text for significant information.

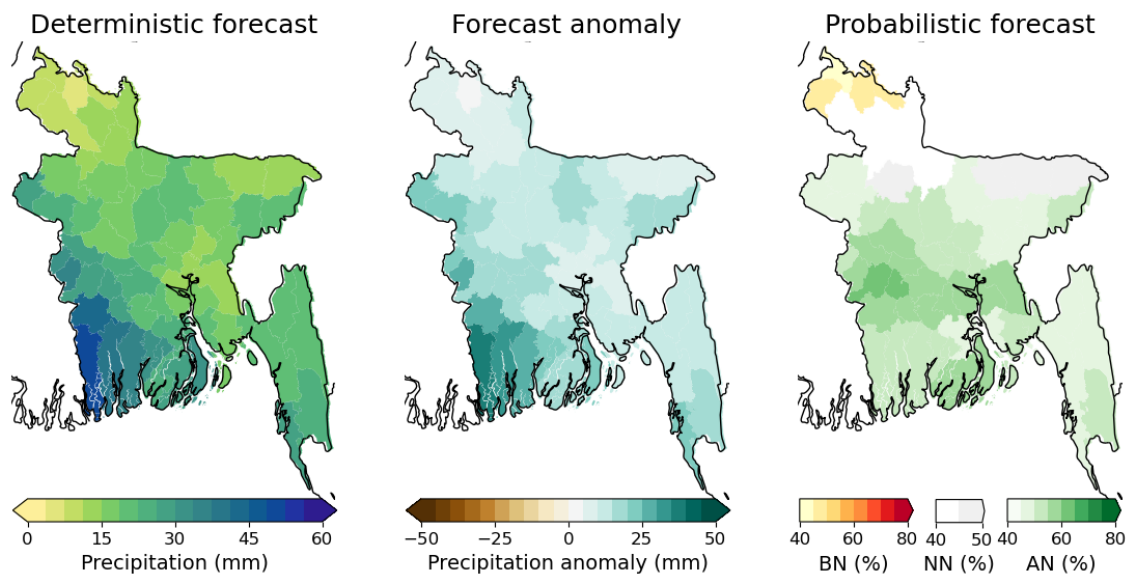
### 3.2 Maximum Temperature



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

	Sunamganj	26	0	41/23/36	17	2	18/36/46	12	8	11/52/37
	Sylhet	26	0	40/25/35	18	2	17/35/48	14	9	10/52/37

### 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)