



Weather Impact

WAGENINGEN  
UNIVERSITY & RESEARCH



Issue Date: 01 September 2023

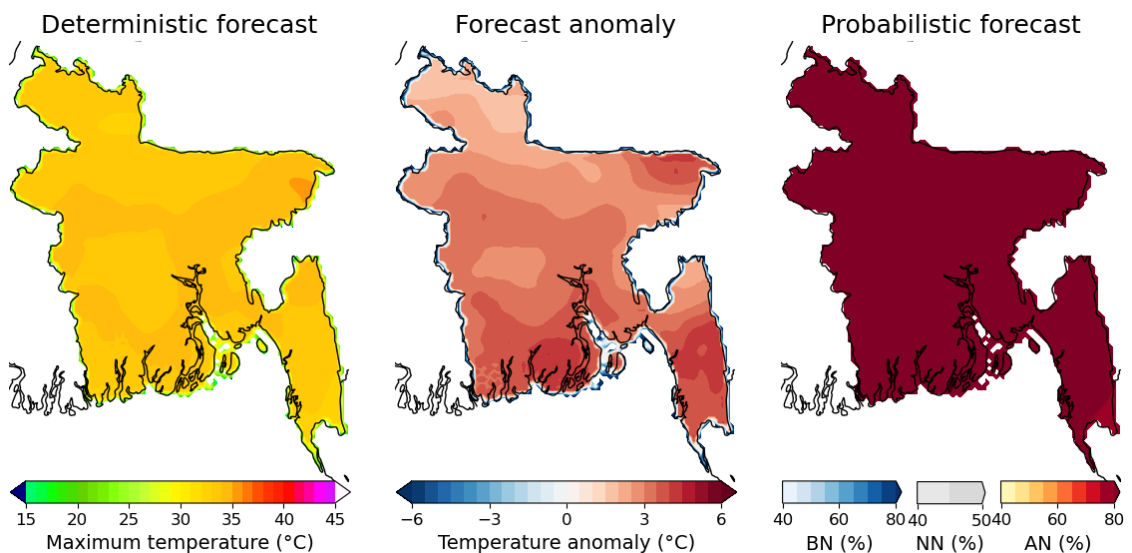
## Subject: Experimental Sub-seasonal forecast for Bangladesh during 01.09.2023 to 28.09.2023

### 1. Weather Forecast for week 1 (Period: 01.09.2023 to 07.09.2023)

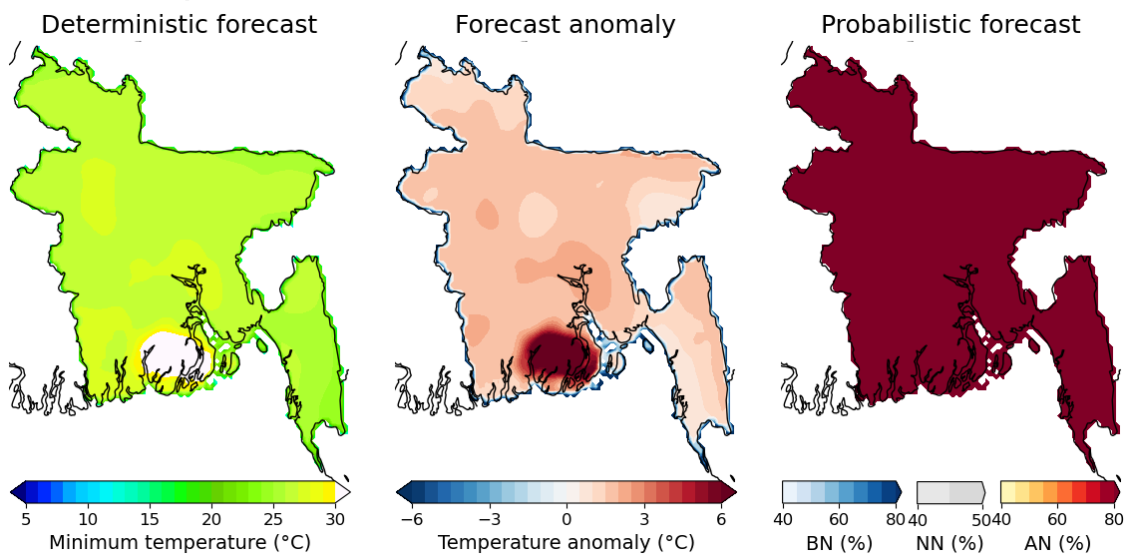
#### 1.1 Significant Information

- Add here the text for significant information.

#### 1.2 Maximum Temperature

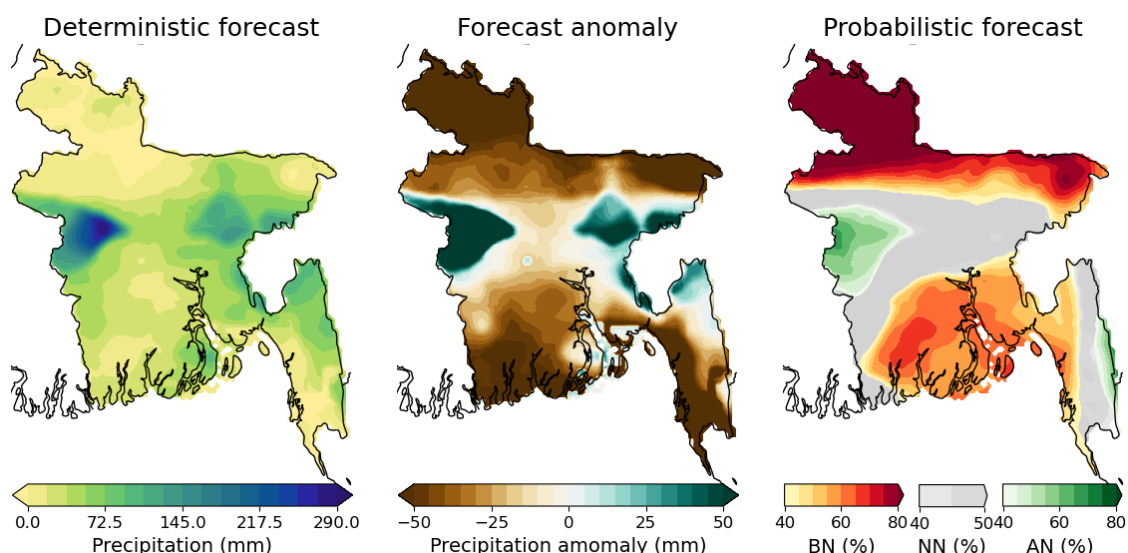


#### 1.3 Minimum Temperature



#### 1.4 Rainfall

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



### 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	34	3	0/0/10000	27	2	0/0/10000	44	-8	2790/5521/1690
	Faridpur	34	3	0/0/10000	27	2	0/0/10000	18	-22	3406/5196/1398
	Gazipur	34	3	0/0/10000	27	2	0/0/10000	62	6	2631/5593/1775
	Gopalganj	34	3	0/0/10000	27	2	0/0/10000	19	-35	6021/2688/1291
	Kishoreganj	34	3	0/38/9962	27	2	0/0/10000	103	26	3304/5922/774
	Madaripur	34	3	0/0/10000	27	2	0/0/10000	17	-36	6092/2468/1440
	Manikganj	34	3	0/0/10000	27	2	0/0/10000	33	-12	2063/5992/1945
	Munshiganj	34	3	0/0/10000	27	2	0/0/10000	32	-17	4208/3946/1846
	Narayanganj	34	3	0/0/10000	27	2	0/0/10000	51	-4	3447/5068/1485
	Narsingdi	34	3	0/1/9999	27	2	0/0/10000	84	26	3412/5217/1371
	Rajbari	34	3	0/0/10000	27	2	0/0/10000	33	-7	1564/5741/2695
	Shariatpur	34	3	0/0/10000	27	2	0/0/10000	23	-29	6002/2267/1731
Rajshahi	Bogra	34	3	0/0/10000	27	2	0/0/10000	5	-36	5771/3664/565
	Joypurhat	33	2	0/0/10000	27	2	0/0/10000	2	-39	8152/1493/356
	Naogaon	33	2	0/0/10000	26	1	0/0/10000	5	-36	6734/2657/608
	Natore	34	3	0/0/10000	27	2	0/0/10000	125	80	1850/3913/4236
	Nawabganj	32	1	0/0/10000	26	0	0/0/10000	19	-22	4918/4038/1044
	Pabna	34	3	0/0/10000	27	2	0/0/10000	155	106	1621/3443/4936
	Rajshahi	33	2	0/0/10000	26	1	0/0/10000	73	30	1823/4929/3248
	Sirajganj	34	3	0/0/10000	27	2	0/0/10000	36	-10	2565/4861/2574
Rangpur	Dinajpur	33	2	0/0/10000	26	1	0/0/10000	0	-61	9294/677/29
	Gaibandha	33	2	0/0/10000	27	2	0/0/10000	0	-46	8757/1108/135

	Kurigram	32	1	0/0/10000	25	1	0/0/10000	7	-59	9223/768/10
	Lalmonirhat	32	1	0/0/10000	25	0	1/8/9991	10	-72	9522/469/9
	Nilphamari	33	2	0/0/10000	26	1	0/1/9999	0	-75	9580/410/10
	Panchagarh	32	0	0/0/10000	25	0	25/63/9912	2	-70	9626/370/3
	Rangpur	33	2	0/0/10000	27	2	0/0/10000	10	-65	9375/606/19
	Thakurgaon	32	1	0/0/10000	25	0	0/0/10000	7	-60	9430/570/0
Mymen-singh	Jamalpur	33	2	0/0/10000	27	2	0/0/10000	2	-38	7069/2775/156
	Mymen-singh	34	3	0/0/10000	27	2	0/7/9993	31	-32	5054/4535/411
	Netrakona	33	3	0/3/9997	26	2	0/0/10000	46	-30	5734/3970/297
	Sherpur	33	2	0/0/10000	26	1	0/0/10000	2	-45	7560/2385/55
Chitta-gong	Bandarban	33	4	0/1186/8814	25	1	0/72/9928	17	-62	2380/4570/3050
	Brahamanbaria	34	2	0/24/9976	26	1	0/0/10000	91	33	3400/5308/1292
	Chandpur	34	3	0/0/10000	27	2	0/0/10000	43	-12	5870/2160/1971
	Chittagong	33	3	0/46/9954	25	0	0/0/10000	18	-56	5234/3503/1263
	Comilla	34	3	0/0/10000	27	2	0/0/10000	66	9	5250/2714/2036
	Cox's Bazar	31	2	0/710/9290	24	-1	0/0/10000	0	-107	4312/4807/882
	Feni	33	2	0/22/9978	25	1	0/0/10000	68	-4	5098/2479/2423
	Khagrachhari	33	2	0/79/9921	26	1	0/0/10000	70	2	4481/3383/2135
	Lakshmipur	33	3	0/0/10000	26	1	0/0/10000	37	-31	6132/2302/1566
	Noakhali	33	3	0/0/10000	26	1	0/0/10000	30	-37	5985/2606/1409
	Rangamati	33	3	0/299/9701	25	1	0/36/9964	61	-8	1756/4736/3508
Khulna	Bagerhat	33	3	0/9/9991	28	2	0/1/9999	19	-50	6111/2913/975
	Chuadanga	34	3	0/0/10000	26	1	0/0/10000	102	48	1194/3233/5573
	Jessore	34	3	0/0/10000	27	2	0/0/10000	38	-22	1923/5445/2632
	Jhenaidah	34	3	0/0/10000	27	2	0/0/10000	52	0	1343/3995/4662
	Khulna	34	4	0/12/9988	27	2	0/0/10000	20	-50	5296/3687/1016
	Kushtia	34	3	0/0/10000	27	2	0/0/10000	164	117	1311/2939/5749
	Magura	34	3	0/0/10000	27	2	0/0/10000	31	-18	1605/6387/2007
	Meherpur	32	1	0/0/10000	25	0	0/0/10000	132	81	1102/2819/6079
	Narail	34	3	0/0/10000	27	2	0/0/10000	23	-35	4558/4003/1439
	Satkhira	33	3	0/10/9990	27	1	0/3/9997	27	-42	3054/5611/1334
Barisal	Barguna	34	4	0/0/10000	31	6	0/0/10000	33	-54	5808/2775/1417
	Barisal	34	4	0/0/10000	28	3	0/0/10000	28	-31	6157/2223/1620
	Bhola	32	2	0/0/10000	28	3	0/0/10000	56	-23	6024/2551/1425
	Jhalokati	34	4	0/0/10000	32	7	0/0/10000	25	-40	6134/2351/1515
	Patuakhali	33	4	0/0/10000	32	7	0/0/10000	46	-41	5758/2542/1700
	Pirojpur	34	4	0/0/10000	31	6	0/0/10000	21	-43	6338/2536/1126

Sylhet	Habiganj	34	2	0/49/9951	26	1	0/0/10000	76	13	3451/5660/889
	Maulvibazar	34	2	0/53/9947	25	0	0/1/9999	61	1	5394/3903/703
	Sunamganj	33	3	0/6/9994	26	1	0/0/10000	40	-49	6555/3276/169
	Sylhet	33	3	0/21/9979	25	1	1/24/9975	13	-73	7367/2565/68

### 1.6 Guidance

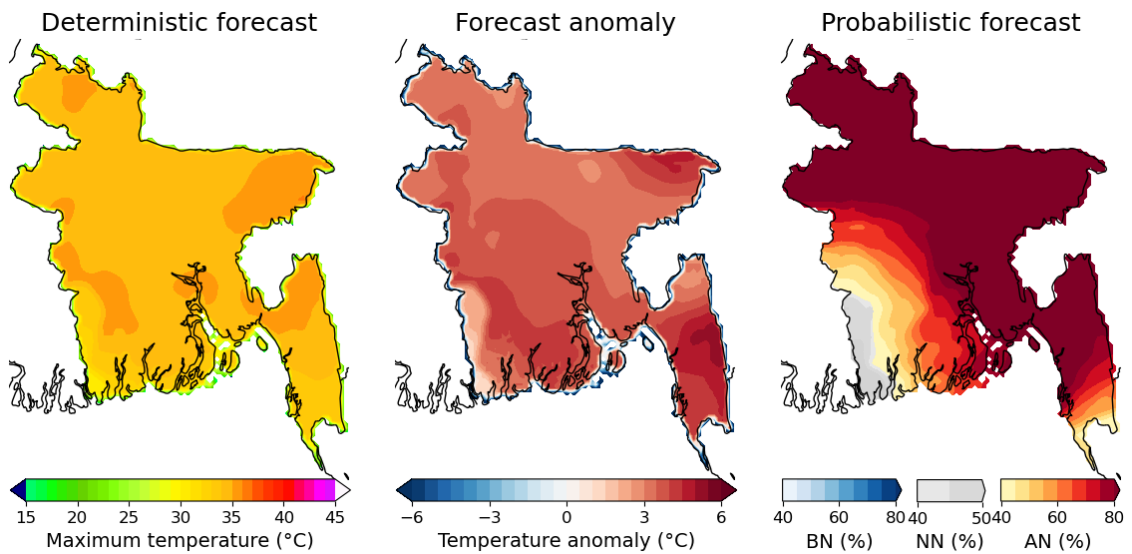
- Add here the text for guidance.

## 2. Weather Forecast for week 2 (Period: 08.09.2023 to 14.09.2023)

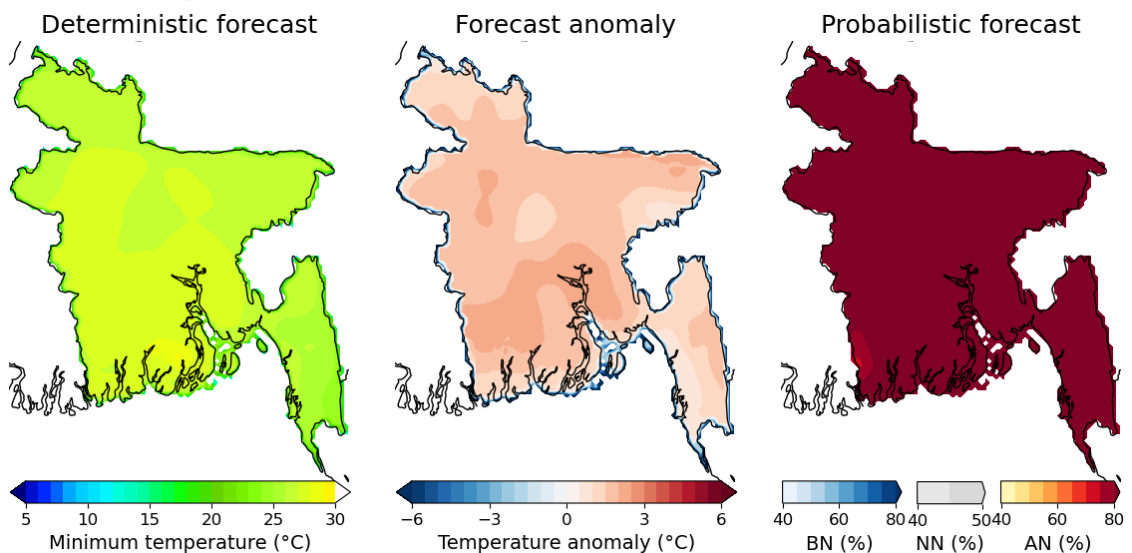
### 2.1 Significant Information

- Add here the text for significant information.

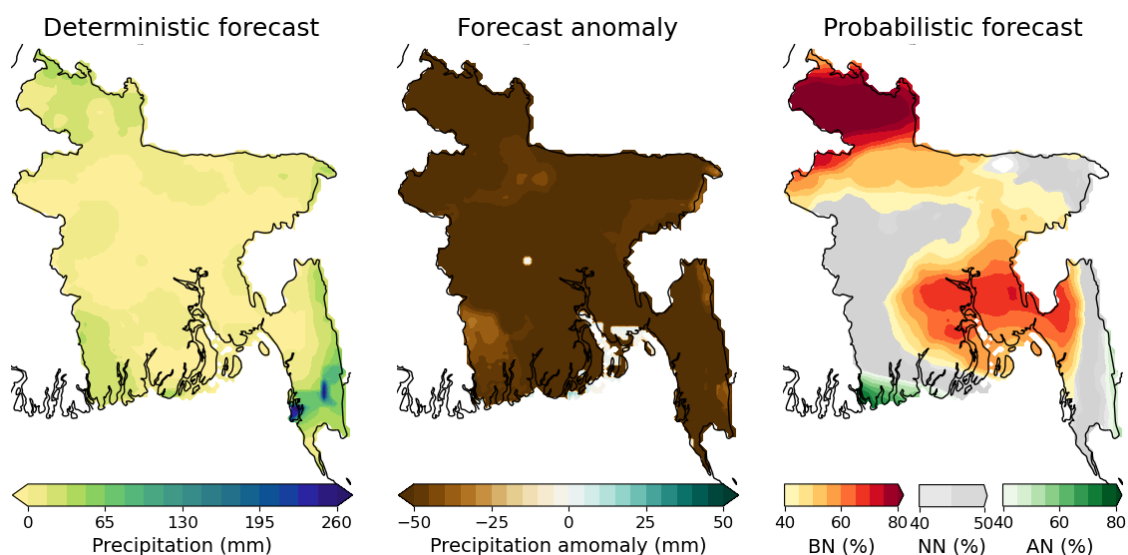
### 2.2 Maximum Temperature



### 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	35	4	222/1018/876 0	27	2	24/156/9820	0	-61	4517/4643/840
	Faridpur	35	4	305/2910/678 5	27	2	56/125/9819	0	-55	5209/3948/844
	Gazipur	35	4	177/541/9282	27	2	4/118/9878	0	-56	3976/4992/103 1
	Gopalganj	35	4	378/3600/602 2	27	2	48/180/9772	2	-53	6122/2904/974
	Kishoreganj	35	3	183/253/9564	27	2	3/100/9897	0	-57	4719/4076/120 5
	Madaripur	35	4	331/2146/752 2	27	2	42/146/9812	2	-54	6584/2431/985
	Manikganj	35	4	245/2031/772 5	27	2	3/164/9833	0	-57	4123/4981/895
	Munshiganj	35	4	281/928/8791	28	2	50/173/9778	0	-61	5901/3219/880
	Narayanganj	35	4	197/472/9331	28	2	49/145/9806	0	-63	5344/3817/839
	Narsingdi	35	3	187/413/9400	27	2	42/72/9886	0	-54	4997/3890/111 3
	Rajbari	35	4	276/3051/667 2	27	2	54/104/9842	0	-58	3472/5733/796
Shariatpur	35	4	315/1519/816 6	27	2	50/140/9810	0	-59	6655/2386/959	
Rajshahi	Bogra	35	3	57/519/9424	27	2	0/104/9896	0	-50	5024/4486/490
	Joypurhat	34	3	41/581/9378	27	2	0/36/9964	4	-52	5507/4015/478
	Naogaon	34	3	71/624/9305	26	1	0/53/9947	4	-56	5618/4037/345
	Natore	35	4	104/2052/784 5	27	2	0/102/9898	5	-55	3524/5688/788
	Nawabganj	33	2	148/957/8895	26	0	0/128/9872	0	-57	5523/4036/440
	Pabna	35	4	205/2744/705 1	27	2	5/132/9864	5	-62	3335/5395/127 0
	Rajshahi	34	3	117/1783/809 9	27	1	0/127/9873	0	-56	3863/5421/717
	Sirajganj	35	4	118/1555/832 8	27	2	0/156/9844	0	-55	3946/5003/105 1
Rangpur	Dinajpur	34	3	40/431/9528	26	1	0/35/9965	18	-66	8137/1608/256
	Gaibandha	34	3	39/386/9575	27	2	0/41/9959	7	-50	6072/3615/312
	Kurigram	34	2	7/219/9774	26	1	0/22/9978	19	-66	7781/1952/267
	Lalmonirhat	33	2	27/217/9756	26	0	0/66/9934	21	-80	7989/1816/195
	Nilphamari	35	3	35/306/9659	27	1	0/72/9928	27	-76	8137/1563/300
	Panchagarh	33	1	39/356/9604	25	0	2/147/9851	31	-84	7050/2656/295
	Rangpur	35	3	8/378/9615	27	2	0/16/9984	10	-66	8260/1558/182

	Thakurgaon	33	2	69/457/9474	26	0	0/99/9901	12	-85	8140/1570/290
Mymen-singh	Jalpur	34	3	75/342/9584	27	2	0/83/9917	5	-47	5272/4232/496
	Mymen-singh	34	3	150/309/9542	27	2	0/97/9903	2	-59	4571/4511/918
	Netrakona	34	3	147/149/9704	27	2	0/63/9937	0	-68	4409/4114/1477
	Sherpur	34	3	77/248/9674	26	1	0/28/9972	8	-53	5248/4060/692
Chitta-gong	Bandarban	33	4	547/3041/6412	25	1	0/865/9135	61	-71	2175/4719/3106
	Brahamanbaria	34	3	191/351/9458	26	1	42/89/9869	0	-50	5389/3500/1111
	Chandpur	35	4	297/647/9056	28	2	45/117/9839	0	-67	6736/2420/844
	Chittagong	33	3	201/1168/8631	25	0	1/193/9807	5	-82	5290/3050/1660
	Comilla	35	3	224/521/9255	27	2	46/96/9858	2	-59	6520/2563/917
	Cox's Bazar	31	2	551/3217/6232	25	-1	1/326/9673	67	-111	2814/4721/2465
	Feni	34	3	222/547/9231	26	1	2/134/9864	2	-78	6506/2216/1278
	Khagrachhari	34	3	121/517/9363	26	1	41/122/9837	3	-75	5916/2894/1190
	Lakshmipur	34	3	303/1047/8650	27	1	16/139/9844	0	-72	6341/2632/1027
	Noakhali	34	3	269/1020/8711	26	1	17/193/9790	0	-70	5866/2657/1477
	Rangamati	34	3	147/1146/8706	25	1	37/409/9554	27	-61	2881/4884/2235
	Khulna	Bagerhat	34	4	1013/3752/5234	27	2	62/478/9460	6	-52
Chuadanga		35	4	1162/3648/5190	27	1	60/196/9743	0	-61	2582/6535/882
Jessore		34	3	1615/4323/4062	27	2	99/932/8969	6	-52	2879/5828/1293
Jhenaidah		35	3	1242/3766/4993	27	2	89/173/9737	0	-62	2621/6523/856
Khulna		34	4	1679/3972/4349	27	2	81/730/9189	13	-47	2560/5279/2162
Kushtia		35	3	430/3104/6466	27	2	25/152/9822	4	-59	2884/6107/1008
Magura		35	4	850/3511/5639	27	2	99/116/9785	0	-65	3373/5768/859
Meherpur		33	2	1003/3205/5792	26	0	39/189/9772	0	-58	2908/6084/1008
Narail		35	4	1106/3627/5267	27	2	97/187/9716	0	-55	4880/4052/1069
Satkira		31	1	1939/4953/3108	27	1	89/1868/8043	24	-44	1605/4903/3491
Barisal	Barguna	34	4	723/3056/6221	27	1	50/384/9567	0	-70	2743/4820/2437
	Barisal	35	4	379/2413/7207	27	2	49/139/9811	5	-56	6356/2414/1231
	Bhola	33	3	419/2100/7481	26	0	50/235/9715	0	-81	5306/2907/1787
	Jhalokati	35	4	651/2735/6614	28	2	50/229/9721	2	-63	5684/2968/1348
	Patuakhali	34	3	578/2645/6777	27	1	50/338/9612	5	-75	3611/4004/2386
	Pirojpur	35	4	678/2915/6407	28	2	50/288/9663	0	-62	5064/3676/1259
Sylhet	Habiganj	35	3	183/147/9670	26	1	2/92/9906	0	-50	4533/4212/1255
	Maulvibazar	35	2	68/175/9757	26	0	0/65/9935	4	-49	3743/4571/1686
	Sunamganj	34	4	130/123/9747	26	2	0/32/9968	4	-77	3865/4733/1403
	Sylhet	34	3	80/174/9747	25	1	0/8/9992	12	-74	3632/4848/1520

## 2.6 Guidance

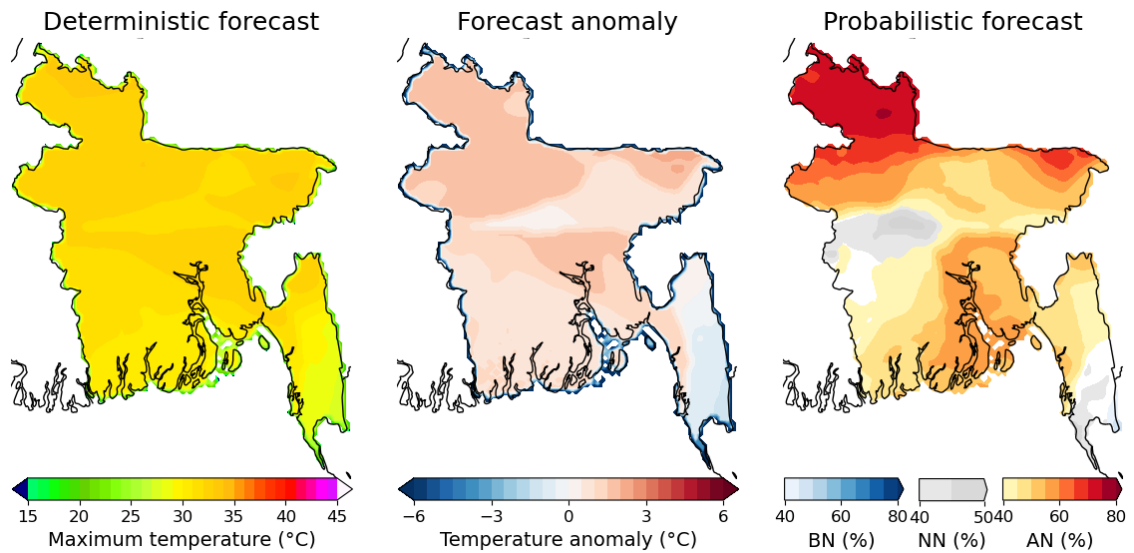
- Add here the text for guidance.

## 3. Weather Outlook for week 3+4 (Period: 15.09.2023 to 28.09.2023)

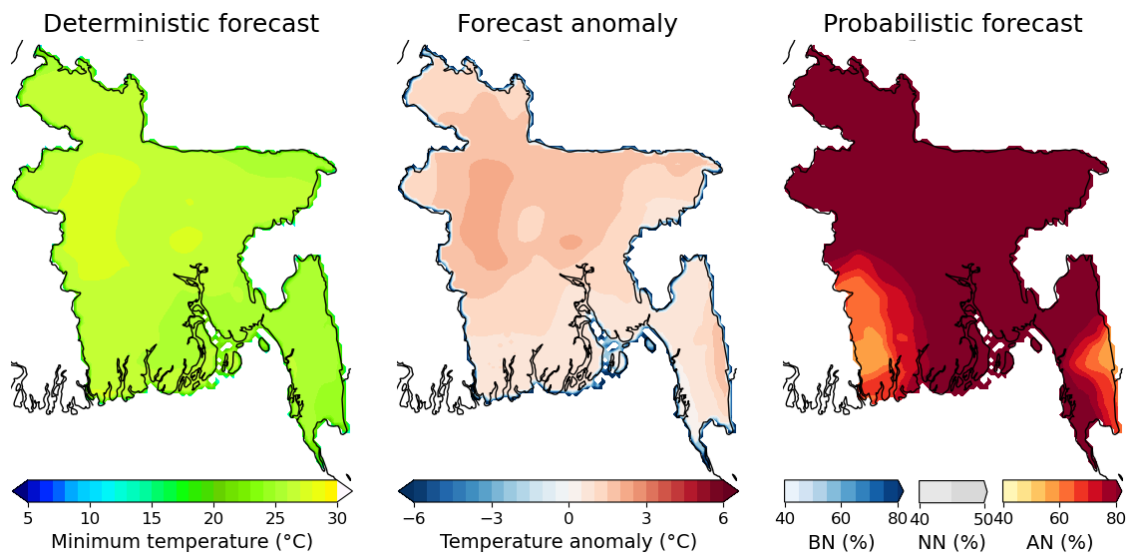
### 3.2 Significant Information

- Add here the text for significant information.

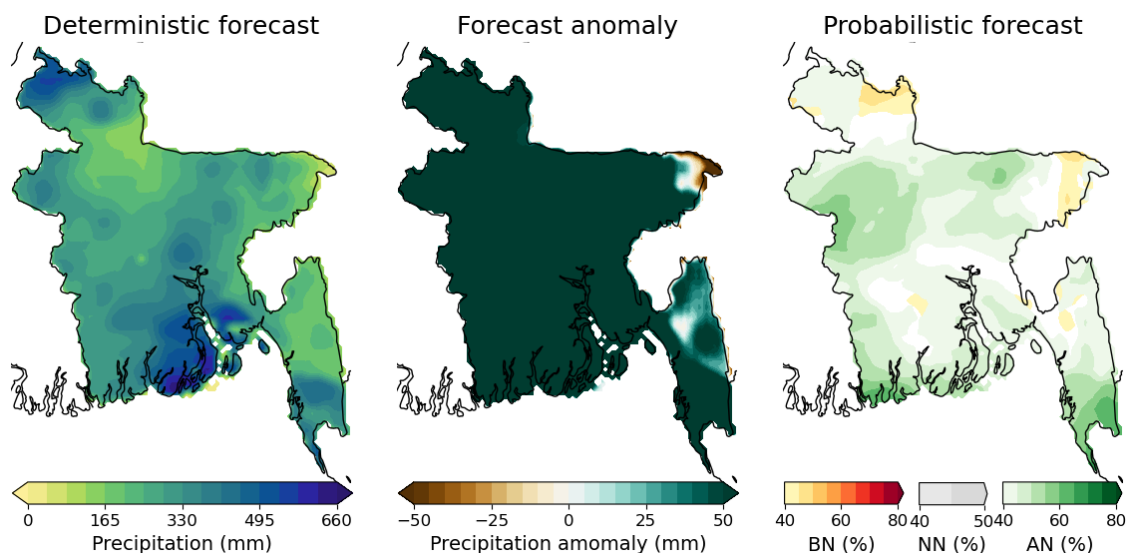
### 3.2 Maximum Temperature



### 3.3 Minimum Temperature



### 3.4 Rainfall



### 3.5 Forecast information at District level

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	32	2	1878/3143/49 78	27	2	94/733/9173	378	249	2489/3604/39 07
	Faridpur	32	1	2022/3695/42 82	26	1	94/1426/8481	307	193	2495/3466/40 39
	Gazipur	32	1	1823/3559/46 19	27	2	63/350/9587	351	230	1580/3896/45 24
	Gopalganj	31	1	2146/3312/45 42	26	1	53/1685/8262	366	242	3971/2013/40 16
	Kishoreganj	32	1	1691/3414/48 95	27	2	16/516/9468	314	178	1779/3679/45 43
	Madaripur	31	1	2018/2862/51 20	26	1	50/893/9057	376	248	3884/1888/42 29
	Manikganj	32	2	1915/4088/39 96	27	2	91/1242/8667	294	182	2306/3686/40 08
	Munshiganj	32	2	1678/2720/56 03	26	1	95/420/9484	354	227	2934/3028/40 38
	Narayanganj	32	2	1654/2833/55 13	27	2	99/357/9544	377	241	2828/3390/37 82
	Narsingdi	32	1	1709/3244/50 46	27	2	83/319/9599	324	198	1991/3574/44 35
	Rajbari	32	1	1986/4082/39 32	27	2	228/1410/836 2	270	163	2225/3252/45 22
	Shariatpur	32	1	1604/2795/56 02	26	1	67/394/9539	371	241	4163/1594/42 43
Rajshahi	Bogra	33	2	1364/2595/60 41	27	2	0/819/9180	202	98	2145/2798/50 56
	Joypurhat	33	2	1144/2294/65 62	27	2	1/540/9459	208	114	2491/2900/46 08
	Naogaon	32	1	1157/2582/62 61	26	1	22/649/9329	291	196	2558/2670/47 72
	Natore	33	2	1894/3184/49 22	27	2	123/1019/885 8	285	181	1712/2936/53 52
	Nawabganj	31	0	1312/2641/60 46	25	0	55/702/9243	321	219	2690/2658/46 52
	Pabna	32	1	2000/4431/35 69	27	2	234/1303/846 3	292	182	1699/3120/51 80
	Rajshahi	32	1	1600/2957/54 43	26	1	88/817/9094	324	213	2216/2355/54 29
	Sirajganj	32	1	1825/3758/44 16	27	2	5/1317/8678	244	147	1623/3287/50 90
Rangpur	Dinajpur	32	1	793/2018/719 0	26	1	0/374/9626	283	172	3697/2263/40 39



	Gaibandha	33	2	951/2128/692 1	27	2	0/679/9321	160	68	2726/3213/40 60
	Kurigram	32	1	926/1763/731 1	26	1	0/740/9260	221	106	3940/2416/36 44
	Lalmonirhat	32	0	985/1667/734 8	25	0	5/541/9454	335	198	4302/1923/37 74
	Nilphamari	33	1	984/1698/731 8	26	1	1/424/9575	379	241	4319/1522/41 60
	Panchagarh	31	0	992/1885/712 4	25	0	38/384/9578	487	339	3646/2293/40 61
	Rangpur	33	2	899/1712/738 8	27	2	0/527/9473	291	167	3765/2506/37 29
	Thakurgaon	32	1	958/2010/703 2	25	0	0/512/9488	464	336	4471/1365/41 64
Mymen- singh	Jamalpur	33	1	1413/2771/58 16	27	2	0/699/9301	171	77	1997/3492/45 12
	Mymen- singh	32	1	1733/3284/49 82	27	2	9/355/9636	275	144	1783/3613/46 04
	Netrakona	32	1	1497/3439/50 64	26	2	3/709/9288	302	148	2012/2920/50 67
	Sherpur	32	1	1348/2918/57 34	26	1	0/517/9483	198	90	2175/3331/44 95
Chitta- gong	Bandarban	28	-1	3108/3832/30 60	25	1	837/2068/709 5	327	177	2078/2438/54 83
	Brahamanba ria	32	1	1514/3406/50 79	26	1	78/439/9483	252	127	2488/3111/44 01
	Chandpur	32	2	1132/3400/54 68	26	1	99/224/9677	346	208	4114/1573/43 13
	Chittagong	30	0	2185/3029/47 86	25	0	338/1308/835 4	259	100	3390/2303/43 06
	Comilla	32	1	1343/3286/53 71	26	1	89/160/9751	264	124	3559/2551/38 90
	Cox's Bazar	27	-2	2471/3998/35 31	24	-1	67/865/9068	363	222	1944/2497/55 59
	Feni	31	0	1552/3436/50 12	25	0	51/293/9656	300	106	3870/2140/39 90
	Khagrachha ri	31	0	2456/2826/47 18	25	0	96/716/9189	209	33	4032/1884/40 84
	Lakshmipur	31	0	1185/3268/55 47	25	0	71/453/9476	447	301	4110/1441/44 48
	Noakhali	31	0	1107/3387/55 06	25	0	78/634/9288	401	266	3755/1700/45 45
	Rangamati	29	-1	2546/3166/42 89	25	1	454/1895/765 1	189	33	3433/2251/43 16
Khulna	Bagerhat	31	1	1604/3574/48 21	26	1	152/2573/727 5	354	233	3100/2345/45 55
	Chuadanga	31	1	2441/3601/39 58	27	2	418/2087/749 6	314	184	2438/2641/49 22
	Jessore	31	1	2826/3188/39 86	26	1	473/3108/641 9	313	185	3196/2301/45 03
	Jhenaidah	31	1	2731/3519/37 50	27	2	430/2581/699 0	280	156	2551/2984/44 65
	Khulna	31	1	2141/3184/46 75	26	1	714/2774/651 2	338	221	3065/2175/47 61
	Kushtia	32	1	2232/4151/36 17	27	2	466/1236/829 7	281	167	2207/2488/53 06
	Magura	32	1	2309/3526/41 65	27	2	458/1965/757 7	305	183	2566/3402/40 32
	Meherpur	30	-1	1839/4317/38 45	26	1	448/1230/832 1	293	169	2448/2246/53 06
	Narail	31	1	2593/3192/42 15	26	1	370/2364/726 6	347	227	3462/2631/39 07
	Satkhira	30	0	2251/3412/43 38	26	0	1459/2495/60 46	293	186	2601/2122/52 77
Barisal	Barguna	30	1	943/3783/527 4	26	1	56/1075/8869	503	341	3102/2125/47 72
	Barisal	31	1	1687/2793/55 20	26	1	60/611/9329	471	338	4141/1497/43 63

	Bhola	29	0	1042/3330/56 29	25	0	85/783/9133	490	335	3687/1770/45 43
	Jhalokati	31	1	1681/3079/52 40	26	1	45/800/9155	479	344	3680/2176/41 44
	Patuakhali	30	0	948/3494/555 8	26	0	77/492/9430	528	358	3265/1989/47 46
	Pirojpur	31	1	1602/3377/50 21	26	1	11/1910/8078	420	293	3502/2403/40 95
Sylhet	Habiganj	32	0	1506/3619/48 75	26	1	3/551/9446	230	98	2824/3125/40 51
	Maulvibazar	32	0	1145/3656/51 98	25	0	7/338/9655	198	59	3997/2375/36 28
	Sunamganj	32	1	1048/3245/57 08	26	1	12/814/9174	288	115	2452/2975/45 73
	Sylhet	31	1	849/3004/614 7	25	1	37/436/9528	173	0	3979/2178/38 43

### 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)