



Weather Impact

WAGENINGEN  
UNIVERSITY & RESEARCH



Issue Date: 19 September 2023

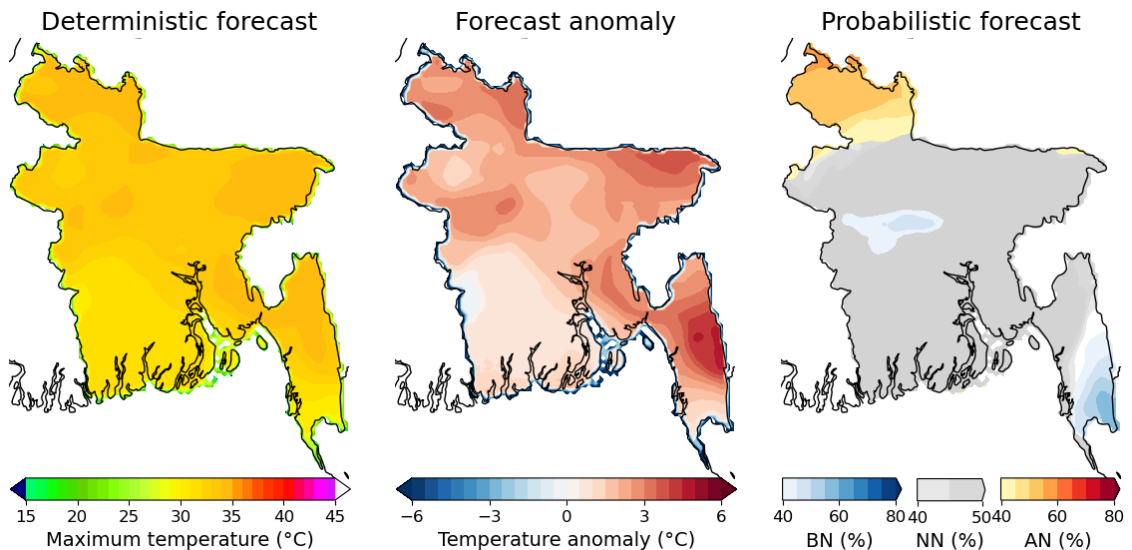
## Subject: Experimental Sub-seasonal forecast for Bangladesh during 19.09.2023 to 16.10.2023

### 1. Weather Forecast for week 1 (Period: 19.09.2023 to 25.09.2023)

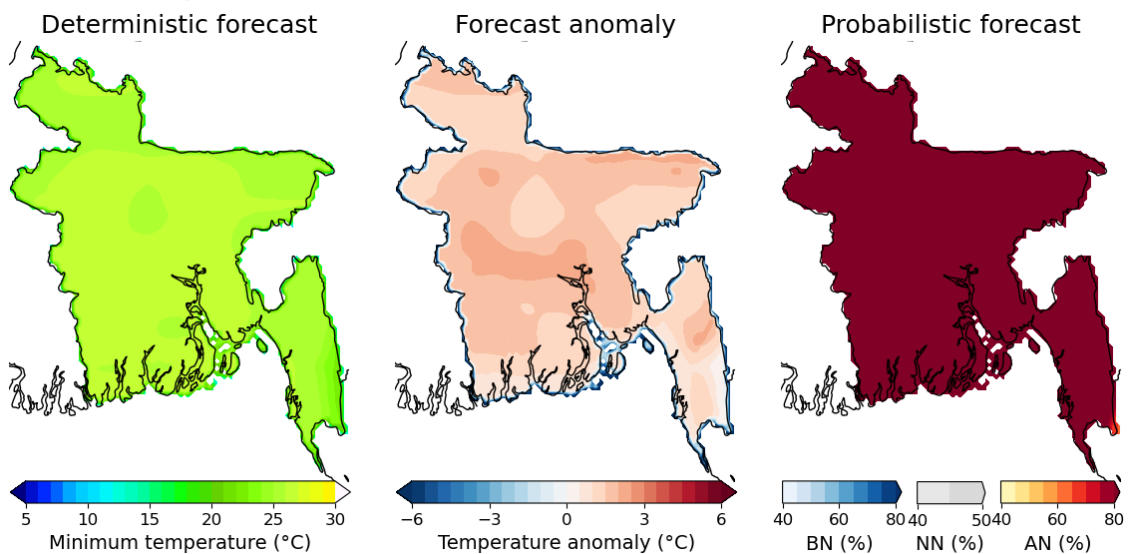
#### 1.1 Significant Information

- Add here the text for significant information.

#### 1.2 Maximum Temperature

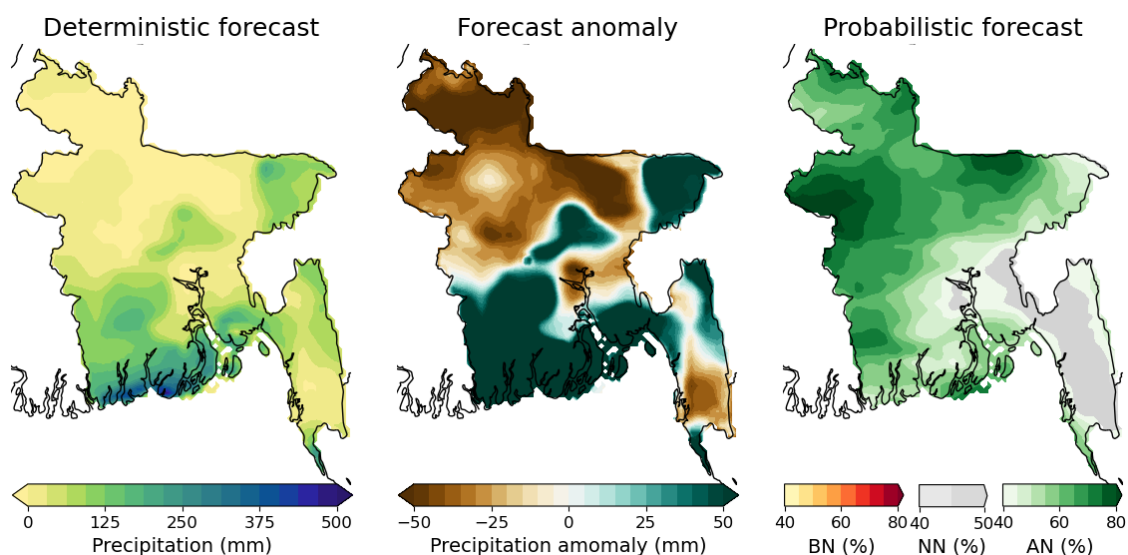


#### 1.3 Minimum Temperature



#### 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	33	2	2876/6433/69 1	27	2	0/408/9592	44	11	460/4277/526 3
	Faridpur	32	1	3158/6102/74 0	27	2	0/582/9418	70	41	54/4211/5735
	Gazipur	33	2	3422/5688/88 9	26	2	0/50/9950	81	49	448/3746/580 7
	Gopalganj	32	1	2205/6749/10 46	26	2	0/509/9491	123	83	1/4947/5052
	Kishoreganj	34	2	2849/6010/11 41	26	1	0/152/9848	9	-38	237/3576/618 7
	Madaripur	32	1	1586/7161/12 53	26	2	0/514/9486	72	36	61/5495/4443
	Manikganj	33	2	3210/6206/58 4	26	2	0/514/9486	51	22	349/3717/593 4
	Munshiganj	33	2	2093/6723/11 84	27	2	0/508/9492	4	-35	391/5172/443 7
	Narayanganj	33	2	2427/6681/89 1	27	2	0/230/9770	15	-21	415/4870/471 5
	Narsingdi	33	2	2713/6139/11 49	26	2	0/34/9966	61	30	335/4472/519 3
	Rajbari	32	1	3885/5624/49 1	27	2	0/523/9477	10	-20	135/3271/659 4
	Shariatpur	33	2	1165/7215/16 20	26	2	0/543/9457	8	-27	202/5828/397 0
Rajshahi	Bogra	34	2	2446/6539/10 15	27	2	0/208/9792	10	-20	160/2651/718 9
	Joypurhat	33	2	2053/5078/28 69	26	2	0/77/9923	2	-29	153/2987/686 0
	Naogaon	32	1	2198/4963/28 39	26	1	0/137/9863	0	-38	49/2639/7312
	Natore	34	3	3291/5618/10 91	27	2	0/136/9864	6	-29	101/2201/769 8
	Nawabganj	32	1	1536/4746/37 18	25	0	0/172/9828	4	-35	0/2424/7576
	Pabna	34	2	4160/5203/63 7	27	2	0/321/9679	0	-40	151/2846/700 3
	Rajshahi	33	2	2553/5389/20 58	26	1	0/115/9885	9	-29	24/1771/8205
	Sirajganj	34	3	3570/5732/69 8	26	2	0/265/9735	0	-34	146/2859/699 6
Rangpur	Dinajpur	34	2	1746/3274/49 80	25	1	0/204/9796	0	-57	349/3624/602 7

	Gaibandha	34	2	1183/5357/3460	26	1	0/195/9805	0	-38	564/2926/6510
	Kurigram	34	2	742/4509/4749	25	1	0/431/9569	0	-56	354/2725/6920
	Lalmonirhat	33	2	1307/3368/5325	25	1	0/700/9300	3	-57	421/2933/6646
	Nilphamari	34	2	1694/2939/5367	26	1	0/643/9357	5	-47	504/3083/6413
	Panchagarh	32	1	1696/2795/5509	25	1	0/163/9837	15	-39	134/3076/6789
	Rangpur	34	3	1288/3949/4762	26	1	0/308/9692	0	-60	388/3237/6376
	Thakurgaon	33	2	2140/2473/5387	25	1	0/571/9429	3	-48	650/3388/5963
Mymensingh	Jamalpur	34	2	2249/6640/1110	26	1	0/181/9819	0	-36	420/3097/6483
	Mymensingh	33	2	3330/5804/866	26	2	0/44/9956	16	-27	296/3033/6671
	Netrakona	34	3	2973/6005/1022	26	2	0/181/9819	0	-55	167/2548/7284
	Sherpur	33	2	2177/6844/978	26	1	0/91/9909	0	-44	545/3018/6437
Chittagong	Bandarban	31	2	5014/3201/1785	24	0	2/644/9355	19	-25	835/5549/3615
	Brahmanbaria	33	2	2305/6267/1428	26	1	0/61/9939	20	-16	333/4967/4700
	Chandpur	34	3	1028/6411/2561	27	2	0/281/9719	26	-11	220/5567/4212
	Chittagong	32	2	2085/5551/2365	25	0	0/388/9612	61	19	337/5824/3839
	Comilla	34	3	1323/6115/2562	26	2	0/26/9974	21	-9	376/5762/3862
	Cox's Bazar	29	0	3621/4867/1512	24	0	0/111/9889	54	9	451/4700/4849
	Feni	33	2	1058/6663/2279	25	1	0/84/9916	97	56	188/6059/3753
	Khagrachhari	34	2	2029/5815/2157	25	1	0/516/9484	51	10	591/5835/3575
	Lakshmipur	32	1	1155/6367/2478	26	1	0/464/9536	109	78	4/4944/5052
	Noakhali	32	1	826/6668/2506	26	1	0/534/9466	130	99	8/4788/5204
	Rangamati	33	3	3296/4000/2704	24	1	0/695/9305	69	23	522/5434/4044
Khulna	Bagerhat	31	1	1792/6417/1791	26	1	0/750/9250	184	148	2/4466/5532
	Chuadanga	32	1	3029/5788/1182	26	2	0/261/9739	39	-8	92/2978/6930
	Jessore	31	0	3197/6006/796	26	2	0/464/9536	94	54	30/3491/6479
	Jhenaidah	32	0	3504/5848/648	26	2	0/327/9673	37	-4	117/3181/6702
	Khulna	32	1	2253/6313/1434	26	1	0/726/9274	155	117	7/3768/6225
	Kushtia	33	2	3569/5644/787	27	2	0/207/9793	17	-22	137/2707/7157
	Magura	32	1	3543/5622/835	27	2	0/491/9509	67	29	75/3470/6456
	Meherpur	31	0	2684/5511/1805	25	0	0/171/9829	28	-17	107/2512/7381
	Narail	32	1	2792/6243/965	26	2	0/527/9473	134	95	22/4190/5788
	Satkhira	31	0	2210/6406/1385	26	1	0/569/9431	137	102	36/3688/6275
Barisal	Barguna	31	1	1283/5985/2732	26	1	0/626/9374	249	209	1/4752/5248
	Barisal	32	1	1442/6802/1756	26	1	0/620/9380	53	24	5/5247/4748

	Bhola	30	0	1386/5528/3086	25	0	0/1097/8903	185	150	0/4244/5756
	Jhalokati	32	1	1621/6457/1922	26	1	0/666/9334	104	76	0/4905/5095
	Patuakhali	31	1	1340/5968/2692	26	1	4/843/9154	234	195	7/4521/5472
	Pirojpur	31	1	1733/6398/1870	26	1	0/659/9341	120	90	0/5050/4950
Sylhet	Habiganj	34	2	2257/6411/1331	26	1	0/201/9799	49	3	65/4580/5355
	Maulvibazar	34	2	2159/5814/2027	25	0	0/210/9790	91	48	470/4291/5238
	Sunamganj	34	3	2006/6173/1821	25	2	0/170/9830	62	20	47/3083/6870
	Sylhet	33	2	1589/5397/3014	25	1	0/116/9884	94	57	158/5031/4811

## 1.6 Guidance

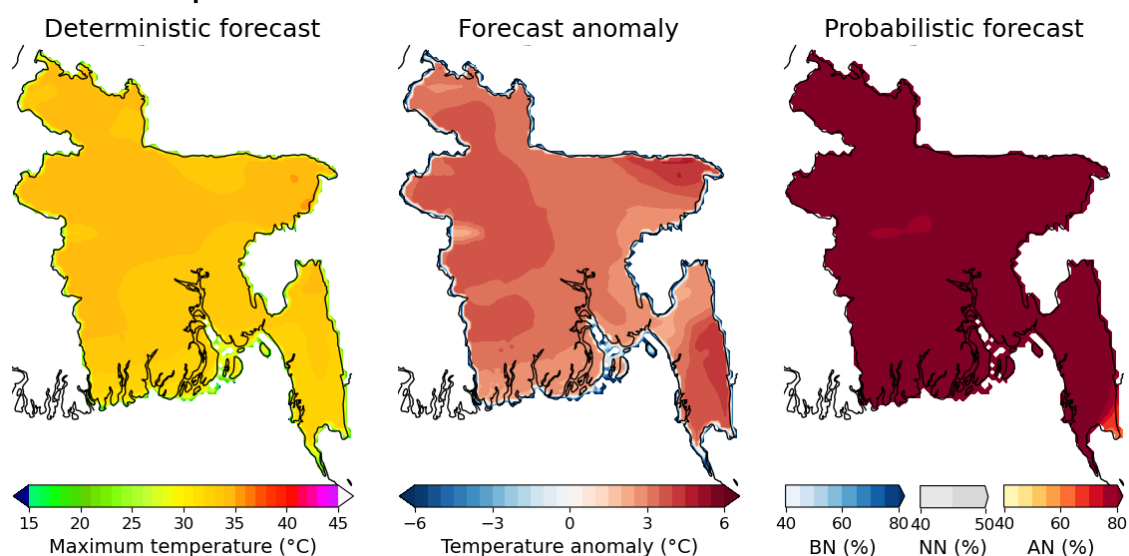
- Add here the text for guidance.

## 2. Weather Forecast for week 2 (Period: 26.09.2023 to 02.10.2023)

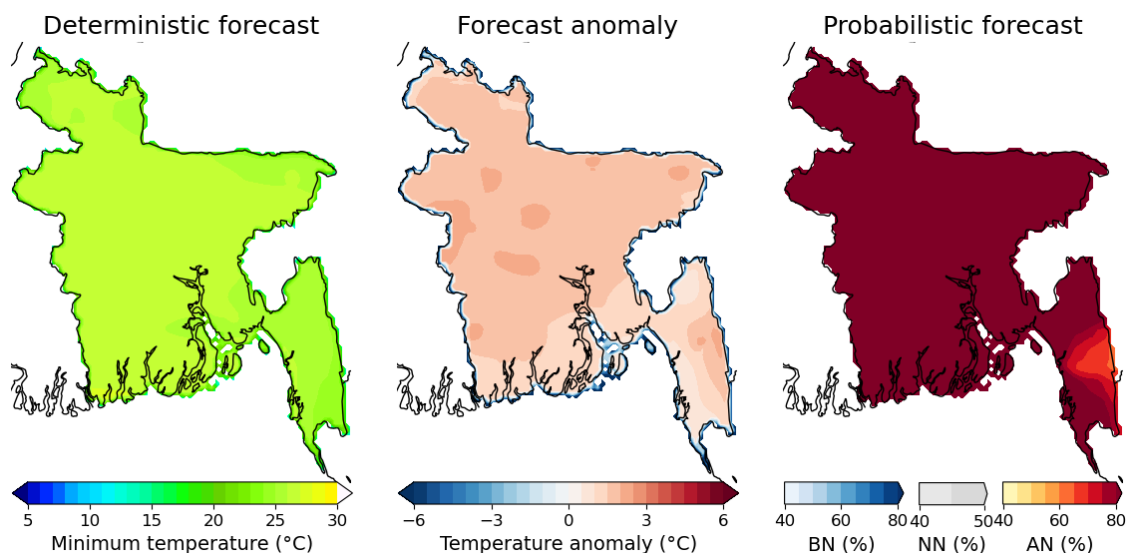
### 2.1 Significant Information

- Add here the text for significant information.

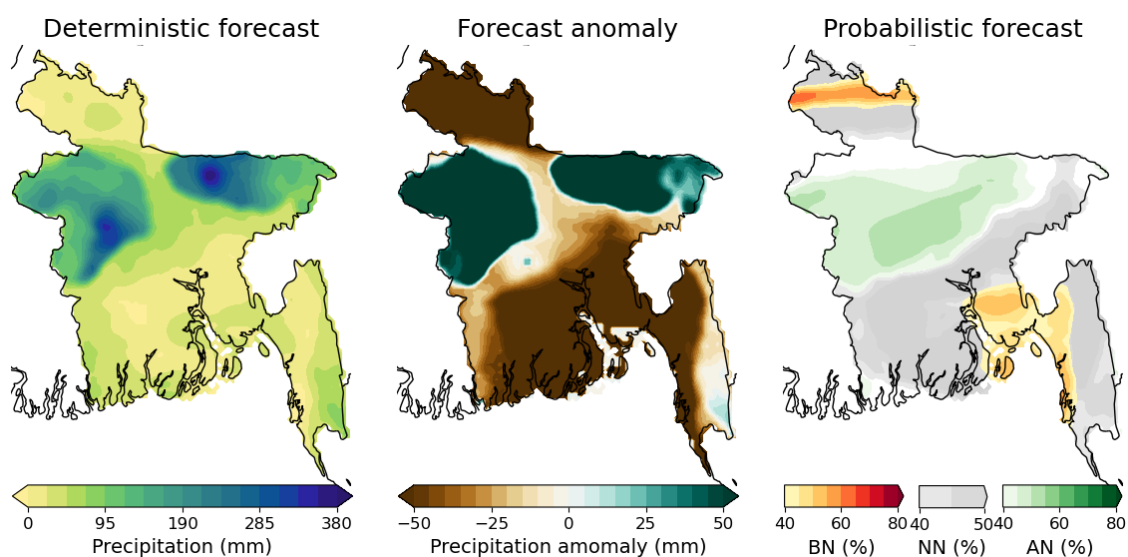
### 2.2 Maximum Temperature



### 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	34	3	4/1090/8906	27	2	0/115/9885	39	-27	2149/3680/4171
	Faridpur	34	3	0/914/9086	27	2	0/50/9950	25	-27	2174/4937/2889
	Gazipur	34	3	4/1170/8825	27	2	0/146/9854	45	-26	2345/2877/4778
	Gopalganj	34	3	0/519/9481	26	2	0/50/9950	5	-70	2897/5362/1740
	Kishoreganj	34	3	0/1192/8808	27	2	0/91/9909	86	10	2851/3363/3786
	Madaripur	34	3	0/401/9599	26	2	0/67/9933	12	-58	3026/5111/1862
	Manikganj	34	4	0/1159/8841	27	2	0/106/9894	50	-10	2167/2954/4879
	Munshiganj	34	3	0/602/9398	27	2	0/88/9912	13	-53	2116/5292/2591
	Narayanganj	34	3	0/894/9106	27	2	0/92/9908	21	-46	2261/5132/2607

	Narsingdi	34	3	0/1131/8869	26	2	0/86/9914	25	-44	2378/4498/3125
	Rajbari	34	4	12/1273/8715	27	2	0/78/9922	71	11	2153/2809/5037
	Shariatpur	34	3	0/170/9830	26	2	0/98/9902	11	-58	3101/5081/1819
Rajshahi	Bogra	34	4	94/817/9089	27	2	0/89/9911	139	69	2727/2854/4420
	Joypurhat	34	4	99/846/9055	26	2	0/118/9882	139	69	3087/3374/3539
	Naogaon	34	3	122/769/9109	26	1	0/108/9892	131	69	2726/3206/4068
	Natore	34	4	99/1007/8894	27	2	0/99/9901	183	123	2646/2616/4738
	Nawabganj	33	2	120/813/9067	25	1	0/157/9843	136	80	2571/3089/4340
	Pabna	34	4	39/1770/8191	27	2	0/104/9896	243	173	2368/2428/5204
	Rajshahi	33	3	99/947/8954	26	1	0/137/9863	153	101	2451/2681/4868
	Sirajganj	34	4	38/1391/8571	27	2	0/95/9905	202	127	2777/2279/4944
Rangpur	Dinajpur	34	3	88/973/8939	26	1	0/255/9745	16	-54	3567/4845/1588
	Gaibandha	34	3	61/853/9086	26	2	0/148/9852	45	-32	3298/3872/2830
	Kurigram	33	2	67/786/9147	25	1	0/349/9651	12	-82	3927/5103/970
	Lalmonirhat	33	2	57/823/9120	25	0	4/467/9528	6	-87	4836/4624/541
	Nilphamari	34	3	97/856/9046	26	1	0/354/9646	13	-61	4884/4398/718
	Panchagarh	32	2	97/873/9029	24	0	10/488/9503	14	-66	3752/5535/713
	Rangpur	34	4	56/912/9033	26	2	0/324/9676	31	-61	3370/5192/1438
	Thakurgaon	33	2	100/970/8930	25	1	4/330/9665	4	-66	5062/4158/780
Mymen-singh	Jalalpur	34	3	57/962/8981	26	2	0/74/9926	60	-8	3202/2970/3828
	Mymen-singh	34	3	34/1351/8615	27	2	0/114/9886	146	78	2938/2394/4668
	Netrakona	34	3	31/1260/8709	26	2	0/87/9913	293	213	3102/2211/4687
	Sherpur	34	3	52/1009/8939	26	1	0/67/9933	66	1	3132/3078/3790
Chittagong	Bandarban	32	3	398/1218/8384	24	1	35/2024/7941	53	-7	2412/4607/2981
	Brahmanbaria	33	2	0/1081/8919	26	1	0/80/9920	14	-48	2659/5081/2260
	Chandpur	34	3	0/91/9909	26	2	0/41/9959	3	-63	4089/4196/1715
	Chittagong	32	2	84/426/9491	25	0	0/1284/8716	24	-56	4263/4264/1474
	Comilla	33	3	0/295/9705	26	1	0/41/9959	11	-58	3613/4266/2122
	Cox's Bazar	30	2	21/866/9113	24	-1	0/128/9872	13	-63	3898/4146/1956
	Feni	32	2	0/499/9501	25	0	0/12/9988	30	-76	4469/3997/1535
	Khagrachhari	33	2	234/411/9355	25	0	0/444/9556	14	-59	3605/4912/1483
	Lakshmipur	33	2	0/85/9915	26	1	0/15/9985	22	-61	4697/3985/1318
	Noakhali	32	2	0/141/9859	26	1	0/26/9974	25	-55	4761/3915/1324
	Rangamati	32	3	411/292/9297	24	1	5/1849/8145	25	-25	2165/5752/2083
Khulna	Bagerhat	33	3	55/150/9795	26	1	0/98/9902	16	-63	2898/5115/1988
	Chuadanga	34	3	51/995/8953	26	2	18/180/9802	115	49	2250/3001/4748

	Jessore	34	3	11/527/9462	26	2	0/138/9862	32	-29	1936/5086/2979
	Jhenaidah	34	3	48/827/9125	26	2	0/144/9856	118	52	2146/3374/4480
	Khulna	33	3	56/229/9715	26	2	0/100/9900	29	-51	2365/5242/2393
	Kushtia	34	3	63/1272/8665	27	2	0/124/9876	177	112	2281/2802/4917
	Magura	34	3	8/677/9315	27	2	0/73/9927	30	-27	2100/4475/3426
	Meherpur	32	2	86/948/8966	25	1	14/181/9805	112	47	2214/2936/4849
	Narail	34	4	0/601/9399	26	2	0/50/9950	2	-63	2059/6220/1721
	Satkhira	32	2	65/263/9672	26	1	0/123/9877	45	-30	2162/4321/3517
Barisal	Barguna	32	3	37/98/9865	26	1	0/77/9923	27	-75	2856/5573/1571
	Barisal	33	3	0/73/9927	26	1	0/52/9948	26	-58	3397/5056/1547
	Bhola	31	1	0/52/9948	25	0	0/50/9950	19	-74	3859/4955/1186
	Jhalokati	33	3	4/78/9918	26	1	0/77/9923	16	-68	3254/5377/1369
	Patuakhali	32	2	3/68/9929	26	1	0/49/9951	21	-83	2798/5583/1619
	Pirojpur	33	3	34/56/9910	26	2	0/91/9909	7	-70	3336/5207/1457
Sylhet	Habiganj	34	2	0/1155/8845	26	1	0/58/9942	98	38	3141/4310/2549
	Maulvibazar	34	2	0/1226/8774	25	1	0/111/9889	70	14	3016/4774/2211
	Sunamganj	34	3	4/982/9015	25	1	0/84/9916	198	118	3290/2667/4043
	Sylhet	33	3	0/875/9125	25	1	0/257/9743	111	31	3372/3884/2744

## 2.6 Guidance

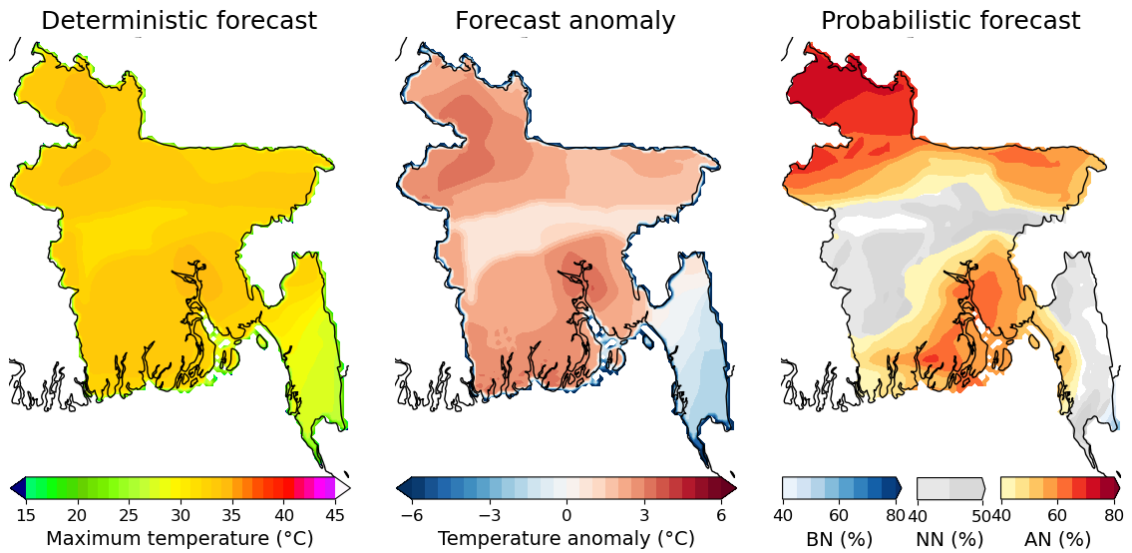
- Add here the text for guidance.

## 3. Weather Outlook for week 3+4 (Period: 03.10.2023 to 16.10.2023)

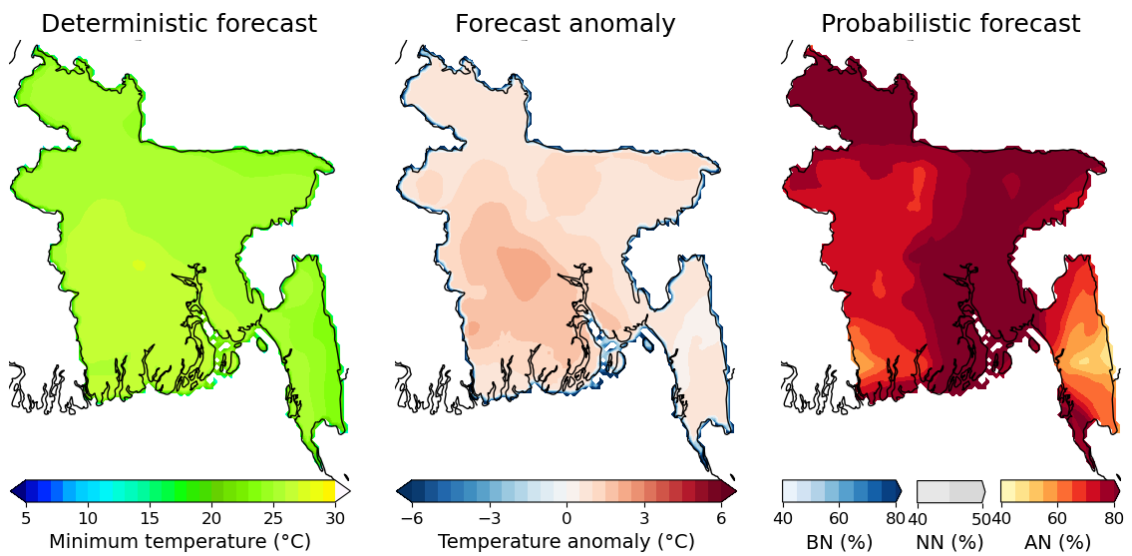
### 3.2 Significant Information

- Add here the text for significant information.

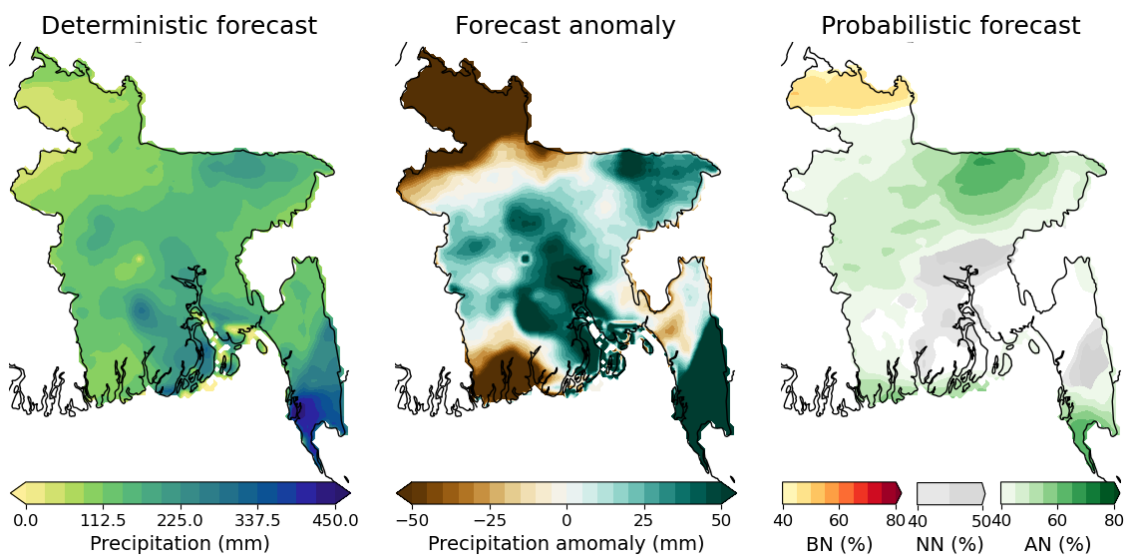
### 3.2 Maximum Temperature



### 3.3 Minimum Temperature



### 3.4 Rainfall



### 3.5 Forecast information at District level

Division	District	Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
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		Deter- ministic	Anomaly	Probabilistic (BN/NN/AN)	Deter- ministic	Anomaly	Probabilistic (BN/NN/AN)	Deter- ministic	Anomaly	Probabilistic (BN/NN/AN)
Dhaka	Dhaka	33	2	1396/4686/39 18	26	1	288/1472/823 9	176	45	1048/4979/39 74
	Faridpur	33	2	1474/4619/39 07	27	2	251/2043/770 6	127	29	1555/4336/41 09
	Gazipur	32	1	1822/4766/34 13	26	1	260/1673/806 7	156	26	864/4513/462 4
	Gopalganj	33	2	1081/4668/42 51	27	2	212/2110/767 8	215	50	2093/3984/39 24
	Kishoreganj	33	1	1515/4456/40 29	26	1	274/1490/823 6	151	6	656/3842/550 2
	Madaripur	34	3	1092/4026/48 82	26	2	213/1389/839 8	168	38	2076/4344/35 81
	Manikganj	32	1	1941/4585/34 74	26	2	290/1843/786 8	147	34	1150/4523/43 27
	Munshiganj	34	3	1165/3927/49 08	26	1	281/1364/835 5	192	64	1614/4735/36 51
	Narayanganj	34	3	1192/4192/46 16	26	1	253/1419/832 8	166	35	941/5311/374 8
	Narsingdi	33	2	1287/4724/39 89	26	1	248/1459/829 4	147	13	810/4946/424 3
	Rajbari	32	1	1988/4735/32 76	27	2	256/2480/726 4	124	18	1351/3930/47 18
	Shariatpur	34	3	937/3378/568 6	26	2	289/1339/837 2	186	56	2175/4278/35 47
Rajshahi	Bogra	34	3	1375/3091/55 34	26	1	318/2280/740 2	102	-4	1785/3579/46 37
	Joypurhat	34	3	1213/2364/64 23	25	1	300/2002/769 7	82	-46	2630/2946/44 24
	Naogaon	33	2	1265/2497/62 37	25	1	334/2173/749 3	74	-38	2464/3202/43 33
	Natore	33	2	1945/3853/42 02	26	1	323/2542/713 4	128	9	1471/3675/48 54
	Nawabganj	32	1	1067/2705/62 27	24	0	404/2093/750 3	60	-33	2298/3664/40 39
	Pabna	32	1	2528/4100/33 72	26	2	276/2563/716 1	162	21	1465/3710/48 25
	Rajshahi	33	2	1527/3444/50 29	25	1	391/2439/717 0	94	-1	1620/3935/44 44
	Sirajganj	33	2	2254/3832/39 13	26	1	322/2570/710 8	138	25	1341/3708/49 51
Rangpur	Dinajpur	34	3	1027/2047/69 26	25	1	309/1036/865 5	55	-100	3906/2372/37 22
	Gaibandha	34	3	1047/2407/65 46	25	1	208/1518/827 4	105	-37	2446/3242/43 12
	Kurigram	32	1	1060/2049/68 91	24	0	183/1049/876 8	92	-99	3657/2528/38 15
	Lalmonirhat	32	1	1112/1865/70 23	24	0	170/1148/868 2	81	-111	4546/1995/34 59
	Nilphamari	34	3	1106/1827/70 67	25	1	211/1105/868 3	68	-108	4610/2001/33 89
	Panchagarh	32	1	1122/1835/70 43	24	0	194/1231/857 4	93	-87	4051/2583/33 66
	Rangpur	34	3	1026/2082/68 93	25	1	227/1046/872 7	76	-84	3611/2651/37 38
	Thakurgaon	32	1	1120/1726/71 54	24	0	366/936/8698	53	-105	4745/1954/33 00
Mymen- singh	Jamalpur	33	2	1371/3279/53 51	25	1	205/2357/743 8	106	-15	1765/3404/48 31
	Mymen- singh	33	2	1596/4110/42 94	26	1	278/1890/783 2	140	5	919/3431/565 0
	Netrakona	33	2	1575/3360/50 66	25	1	321/1541/813 9	172	11	810/3002/618 9
	Sherpur	33	2	1177/3483/53 41	25	1	176/2123/770 1	111	-33	1733/3090/51 77
Chitta- gong	Bandarban	27	-2	3157/4322/25 21	24	0	1614/2321/60 65	315	160	680/4802/451 8

	Brahamanbaria	32	1	1698/4298/4004	25	0	255/1444/8301	134	9	895/5007/4098
	Chandpur	34	3	921/2967/6112	26	1	250/1274/8475	160	26	2525/3763/3712
	Chittagong	29	-1	1596/3690/4714	24	0	1001/2374/6625	162	13	3112/3389/3498
	Comilla	33	2	1172/3203/5624	25	1	270/1367/8363	138	8	2382/3880/3738
	Cox's Bazar	26	-3	2243/4371/3385	24	-1	503/1744/7753	369	197	1428/2973/5599
	Feni	32	1	1204/3585/5212	25	0	244/1472/8284	161	-9	3547/2738/3715
	Khagrachhari	31	-1	2239/4509/3252	24	0	259/2768/6972	132	-7	3674/2645/3680
	Lakshmipur	33	2	1122/2713/6165	26	1	216/934/8850	189	41	2694/3815/3490
	Noakhali	32	2	1214/3088/5698	26	1	234/1163/8603	150	21	3111/3041/3848
	Rangamati	28	-2	2552/3979/3469	23	0	1088/2948/5964	174	39	2276/3839/3886
Khulna	Bagerhat	33	2	1056/3961/4983	26	1	679/2177/7144	135	-28	2357/3601/4042
	Chuadanga	33	2	2037/4461/3503	26	1	326/2546/7128	120	20	1379/3867/4754
	Jessore	33	2	2146/4451/3403	26	1	731/2188/7081	139	18	1896/3889/4215
	Jhenaidah	32	1	2251/4372/3377	26	1	304/2635/7061	133	15	1413/3815/4773
	Khulna	33	3	1241/4320/4439	26	1	763/2389/6848	115	-31	2501/3304/4195
	Kushtia	32	1	2196/4226/3578	26	1	287/2567/7146	147	27	1470/3658/4871
	Magura	33	2	1973/4758/3270	27	2	262/2712/7026	124	8	1450/3754/4796
	Meherpur	32	1	1804/4329/3867	25	0	347/2484/7169	109	14	1521/3863/4616
	Narail	33	2	1424/4933/3643	27	2	491/2267/7242	172	30	2108/3823/4069
	Satkhira	32	2	1559/4252/4188	26	1	847/2672/6481	117	-26	2517/3031/4451
Barisal	Barguna	33	3	844/3190/5966	26	1	487/1831/7682	173	-24	2335/3854/3811
	Barisal	33	3	1050/3264/5686	26	2	216/1342/8442	192	41	2300/4303/3397
	Bhola	31	1	1106/3058/5835	25	0	231/1086/8683	225	47	2400/3752/3847
	Jhalokati	34	3	938/3242/5820	26	2	365/1557/8078	196	20	2605/3975/3419
	Patuakhali	33	2	959/3113/5928	26	1	222/1153/8625	228	13	2259/3579/4162
	Pirojpur	33	3	955/3596/5450	26	2	591/2070/7340	183	10	2541/4294/3164
Sylhet	Habiganj	32	1	1820/3816/4364	25	0	253/1681/8066	135	24	790/4543/4666
	Maulvibazar	32	0	1929/2968/5103	25	0	266/2081/7653	116	20	1603/4027/4370
	Sunamganj	32	2	1639/2439/5922	24	1	288/1438/8275	191	41	1143/3007/5851
	Sylhet	32	1	1813/2497/5690	24	0	256/1464/8280	152	30	2116/3160/4724

### 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)