



Weather Impact

WAGENINGEN  
UNIVERSITY & RESEARCH



Issue Date: 05 September 2023

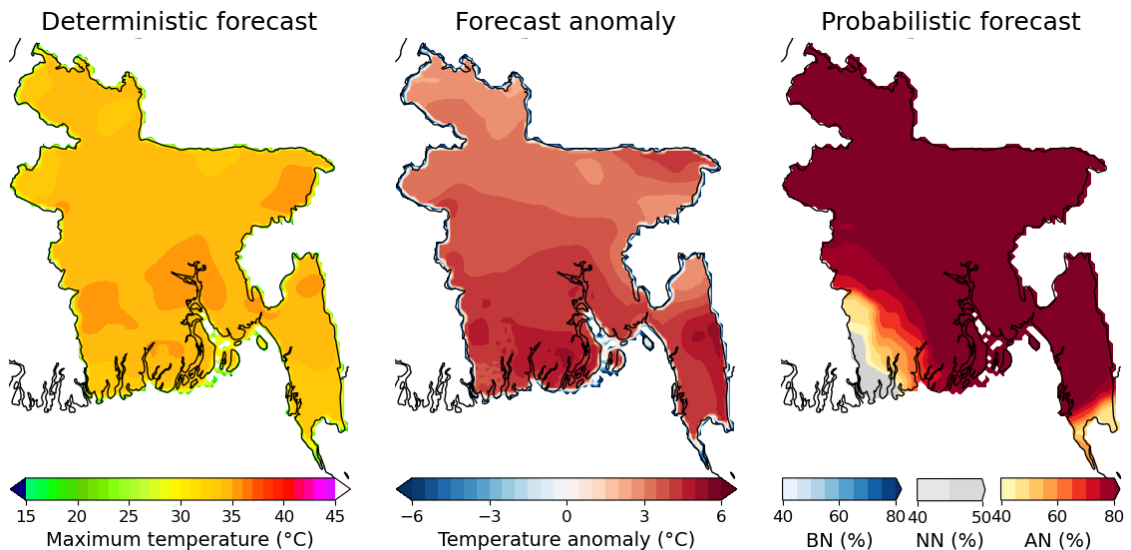
## Subject: Experimental Sub-seasonal forecast for Bangladesh during 05.09.2023 to 02.10.2023

### 1. Weather Forecast for week 1 (Period: 05.09.2023 to 11.09.2023)

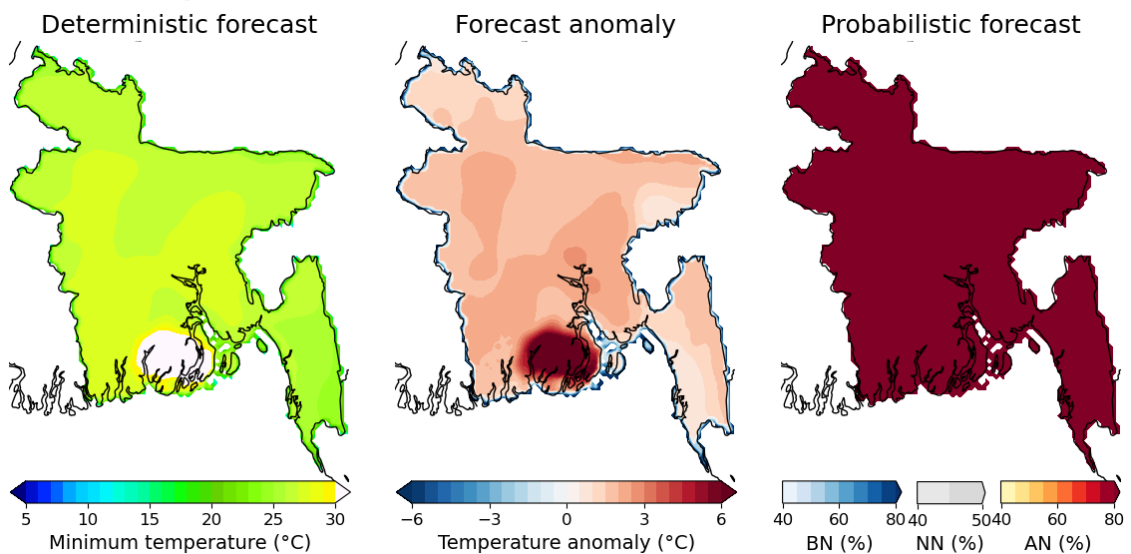
#### 1.1 Significant Information

- Add here the text for significant information.

#### 1.2 Maximum Temperature

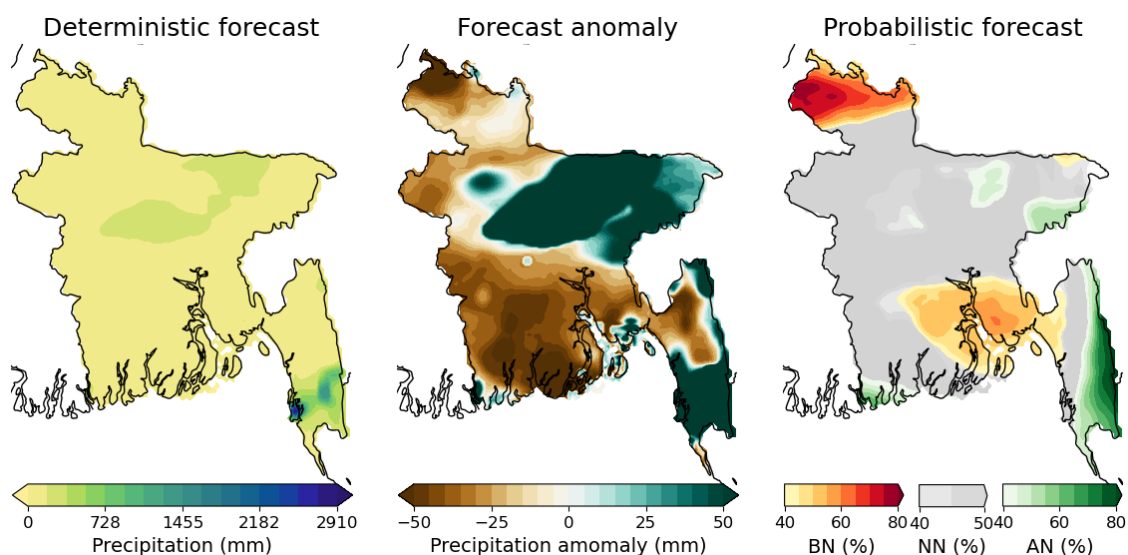


#### 1.3 Minimum Temperature



#### 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	35	4	0/91/9909	27	2	0/0/10000	68	6	1823/6059/2118
	Faridpur	35	4	60/1117/8823	27	2	0/0/10000	24	-31	2975/5292/1734
	Gazipur	35	4	0/9/9991	27	2	0/0/10000	202	140	623/6401/2976
	Gopalganj	35	4	75/1603/8323	27	2	0/0/10000	38	-47	4914/3438/1648
	Kishoreganj	35	3	0/0/10000	27	2	0/0/10000	147	79	806/5853/3341
	Madaripur	35	4	47/380/9573	27	2	0/0/10000	31	-42	4767/3639/1594
	Manikganj	35	4	1/431/9568	27	2	0/0/10000	72	15	2003/5989/2008
	Munshiganj	35	4	0/83/9917	27	2	0/0/10000	34	-29	3103/5140/1757
	Narayanganj	35	4	0/5/9995	28	3	0/0/10000	52	-10	2264/5589/2146
	Narsingdi	35	4	0/0/10000	27	2	0/0/10000	98	39	1382/6146/2472
	Rajbari	35	4	43/1394/8563	27	2	0/0/10000	32	-25	1859/6591/1551
	Shariatpur	35	4	30/70/9900	27	2	0/0/10000	36	-36	4956/3719/1325
Rajshahi	Bogra	34	3	0/0/10000	27	2	0/0/10000	66	13	2093/5449/2458
	Joypurhat	34	3	0/0/10000	27	2	0/0/10000	34	-23	2278/6270/1452
	Naogaon	33	3	0/32/9968	26	1	0/0/10000	39	-19	2156/6514/1330
	Natore	35	4	1/915/9083	27	2	0/0/10000	63	-5	1911/5158/2931
	Nawabganj	32	2	0/218/9782	25	1	0/0/10000	27	-32	2119/6825/1057
	Pabna	35	4	9/1372/8619	27	2	0/0/10000	145	69	1722/5449/2830
	Rajshahi	34	3	4/642/9354	26	1	0/0/10000	33	-25	2087/6131/1782
	Sirajganj	34	4	0/484/9516	27	2	0/0/10000	163	100	1946/4605/3449
Rangpur	Dinajpur	34	3	0/0/10000	26	1	0/0/10000	53	-20	5032/4697/270

	Gaibandha	34	3	0/0/10000	27	2	0/0/10000	37	-19	2018/7249/733
	Kurigram	33	2	0/0/10000	26	1	0/0/10000	66	-7	3902/5295/802
	Lalmonirhat	33	1	0/0/10000	25	0	0/0/10000	71	-15	5951/3562/486
	Nilphamari	34	3	0/0/10000	26	1	0/0/10000	52	-34	6489/3150/361
	Panchagarh	32	1	0/0/10000	25	0	0/4/9996	27	-60	5944/3698/358
	Rangpur	34	3	0/0/10000	27	2	0/0/10000	54	-11	4150/5614/236
	Thakurgaon	33	2	0/0/10000	25	1	0/0/10000	46	-40	7489/2214/297
Mymen-singh	Jamalpur	34	3	0/0/10000	27	2	0/0/10000	56	-3	2342/5670/1988
	Mymen-singh	34	3	0/0/10000	27	2	0/0/10000	167	89	1288/5409/3303
	Netrakona	34	3	0/0/10000	27	2	0/0/10000	198	116	1467/4443/4090
	Sherpur	34	3	0/0/10000	26	1	0/0/10000	71	-3	2386/5634/1980
Chittagong	Bandarban	33	4	158/2486/7356	25	1	0/0/10000	485	397	485/3095/6420
	Brahamanbaria	34	3	0/0/10000	27	2	0/0/10000	108	51	1618/6042/2340
	Chandpur	35	4	3/74/9924	27	2	0/0/10000	39	-35	4929/3915/1156
	Chittagong	33	3	0/146/9854	25	0	0/0/10000	96	22	3126/4622/2252
	Comilla	35	3	0/6/9994	27	2	0/0/10000	53	-18	3704/4436/1860
	Cox's Bazar	31	2	0/2581/7419	24	-1	0/0/10000	589	476	1045/4864/4091
	Feni	34	3	0/22/9978	26	1	0/0/10000	66	-23	5104/3002/1894
	Khagrachhari	34	2	0/5/9995	26	1	0/0/10000	41	-31	2626/5199/2175
	Lakshmipur	34	4	33/57/9909	26	1	0/0/10000	57	-37	5700/3477/822
	Noakhali	34	3	2/92/9906	26	1	0/4/9996	77	-5	5210/3724/1066
	Rangamati	34	3	20/355/9625	25	1	0/0/10000	107	38	227/4469/5304
Khulna	Bagerhat	34	4	207/3601/6191	28	3	0/105/9895	53	-43	2216/5556/2228
	Chuadanga	34	4	70/2279/7651	27	1	0/16/9984	28	-40	1398/6324/2278
	Jessore	35	4	183/3611/6207	27	2	0/17/9983	45	-40	1717/5562/2720
	Jhenaidah	34	4	64/2319/7616	27	2	0/14/9986	33	-40	1374/6523/2103
	Khulna	34	4	302/4254/5445	27	2	0/171/9829	50	-44	1863/5726/2412
	Kushtia	35	4	49/1880/8071	27	2	0/0/10000	53	-21	1478/6156/2366
	Magura	35	4	69/2111/7821	27	2	0/0/10000	34	-37	2158/6067/1774
	Meherpur	33	2	61/2019/7919	26	0	0/3/9997	31	-36	1522/6111/2367
	Narail	35	4	99/2316/7585	27	2	0/0/10000	40	-47	3748/4213/2039
	Satkhira	33	3	420/6045/3535	27	1	0/204/9796	66	-25	802/5574/3624
Barisal	Barguna	34	5	103/2324/7573	32	6	0/0/10000	56	-55	2298/5219/2483
	Barisal	35	4	51/526/9424	28	3	0/0/10000	50	-37	5065/3548/1387

	Bhola	33	3	43/511/9445	29	3	0/0/10000	82	-38	4516/4213/1270
	Jhalokati	35	5	80/1267/8652	33	7	0/0/10000	54	-45	4426/4225/1349
	Patuakhali	34	4	58/1407/8534	33	7	0/0/10000	78	-50	3033/4654/2313
	Pirojpur	35	5	112/2312/7576	32	6	0/0/10000	48	-48	3846/4709/1445
Sylhet	Habiganj	34	2	0/0/10000	26	1	0/0/10000	123	78	861/4915/4223
	Maulvibazar	34	2	0/0/10000	25	0	0/0/10000	85	39	1445/4155/4399
	Sunamganj	34	3	0/0/10000	26	2	0/0/10000	217	132	2132/5074/2794
	Sylhet	34	3	0/0/10000	25	1	0/0/10000	99	23	3404/4325/2271

## 1.6 Guidance

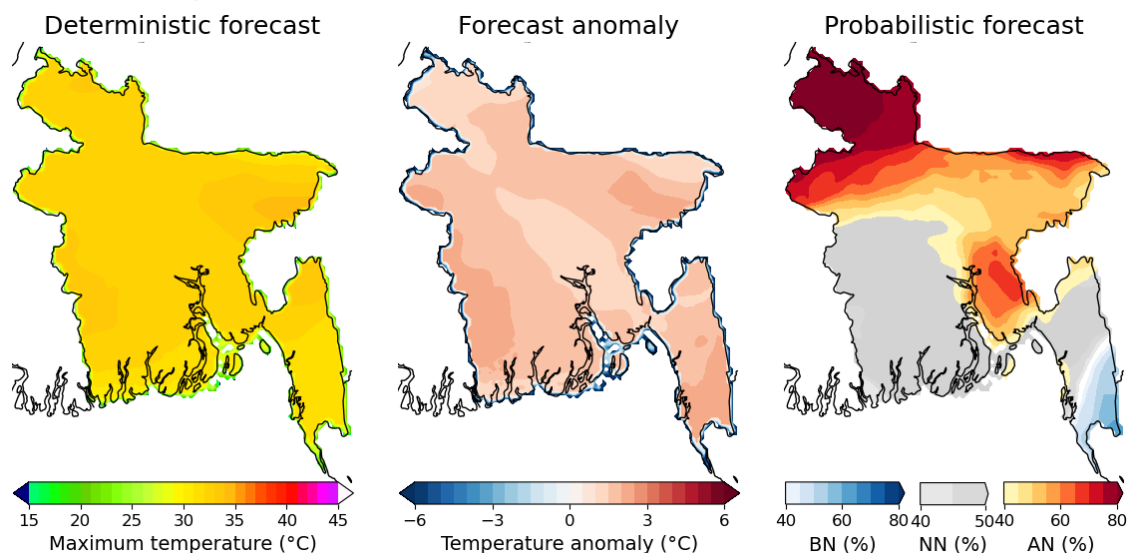
- Add here the text for guidance.

## 2. Weather Forecast for week 2 (Period: 12.09.2023 to 18.09.2023)

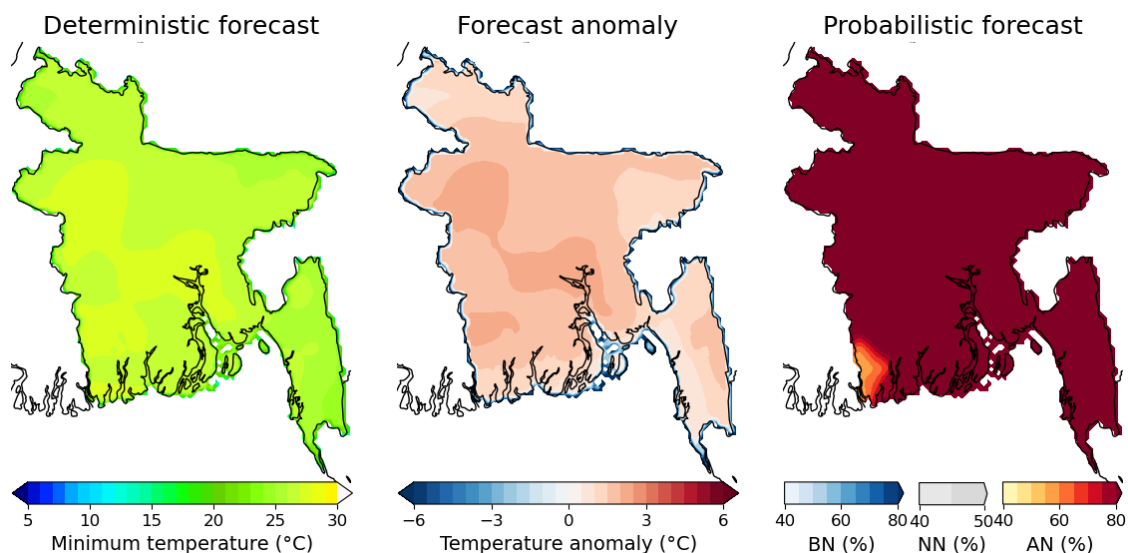
### 2.1 Significant Information

- Add here the text for significant information.

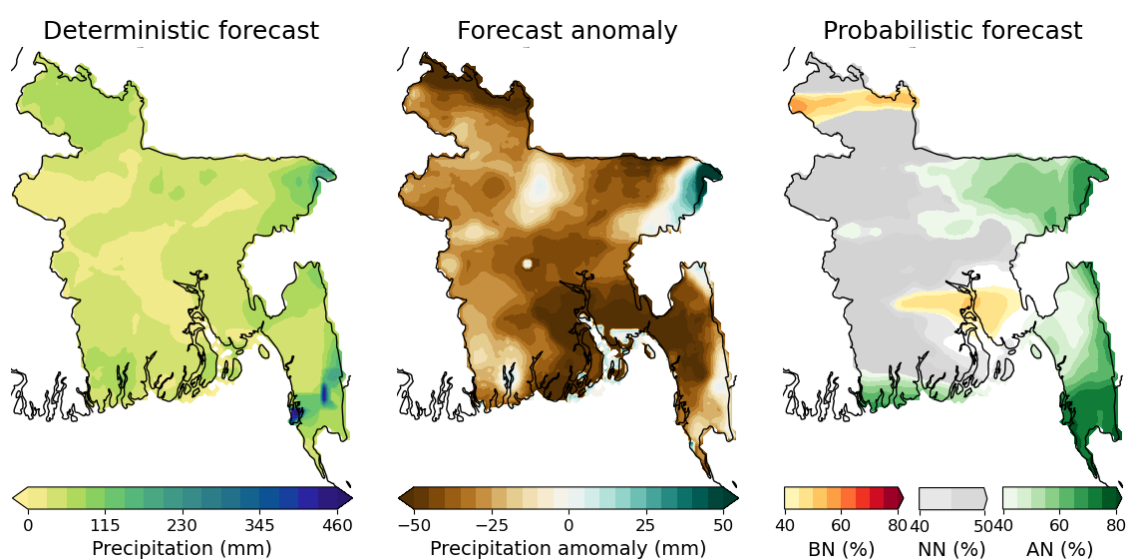
### 2.2 Maximum Temperature



### 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	32	1	685/5130/418 5	27	2	8/274/9719	38	-43	1415/5233/335 2
	Faridpur	33	2	993/5761/324 6	27	2	0/215/9785	22	-40	2658/5029/231 3
	Gazipur	32	1	646/4755/459 8	27	2	10/228/9761	34	-40	907/4964/4129
	Gopalganj	33	2	926/6227/284 8	27	2	0/241/9759	25	-44	4126/3825/204 9
	Kishoreganj	33	2	374/4439/518 7	27	2	1/246/9753	30	-33	756/4634/4610
	Madaripur	32	2	758/5729/351 3	27	2	0/232/9768	18	-48	4357/3565/207 8
	Manikganj	32	1	842/5428/373 0	27	2	5/202/9792	24	-42	1392/5474/313 4
	Munshiganj	32	1	537/5008/445 5	27	2	0/284/9716	39	-41	2766/4370/286 4
	Narayanganj	32	1	363/4012/562 5	27	2	0/259/9741	46	-40	1843/4659/349 8

	Narsingdi	33	1	469/4126/5405	27	2	0/202/9798	38	-39	906/5624/3470
	Rajbari	33	2	1157/5672/3171	27	2	0/177/9823	25	-37	1444/5613/2944
	Shariatpur	32	1	440/5227/4333	27	2	0/276/9724	23	-51	4509/3194/2297
Rajshahi	Bogra	32	2	377/3297/6326	27	2	0/218/9782	25	-31	1194/5661/3144
	Joypurhat	32	1	435/2311/7253	27	2	0/178/9822	43	-24	1573/5872/2555
	Naogaon	32	1	509/2400/7091	26	1	1/153/9846	30	-29	1453/6138/2410
	Natore	33	2	757/4491/4752	27	2	0/167/9833	28	-27	1487/5158/3356
	Nawabganj	31	1	616/2200/7184	26	1	0/148/9852	18	-29	1614/6157/2229
	Pabna	33	2	1004/5616/3380	27	2	0/165/9835	33	-29	1364/5066/3570
	Rajshahi	32	1	607/3666/5726	27	2	0/191/9809	15	-32	1285/5492/3222
	Sirajganj	32	1	754/4768/4478	27	2	0/167/9833	32	-24	1380/5136/3484
Rangpur	Dinajpur	32	1	266/1579/8155	26	1	11/69/9920	62	-28	3196/5322/1483
	Gaibandha	32	2	203/2275/7523	27	2	0/361/9639	40	-29	1303/6168/2529
	Kurigram	32	1	150/2023/7827	25	0	33/68/9899	56	-45	3218/5261/1520
	Lalmonirhat	31	0	271/1674/8055	25	0	50/10/9941	64	-54	4022/4546/1432
	Nilphamari	33	1	301/1425/8274	26	1	50/23/9927	70	-45	3878/4547/1575
	Panchagarh	31	0	291/1459/8250	25	0	29/67/9903	59	-58	1658/6028/2314
	Rangpur	33	2	216/1782/8002	26	1	27/55/9918	69	-31	2507/6163/1331
	Thakurgaon	31	0	366/1324/8309	25	0	1/142/9857	61	-33	4195/3952/1852
Mymen-singh	Jamalpur	32	1	272/3549/6179	27	2	4/330/9666	39	-17	1342/4992/3666
	Mymen-singh	33	2	364/4375/5261	27	2	46/103/9851	48	-27	1025/4534/4442
	Netrakona	33	2	281/4205/5513	26	2	21/163/9815	47	-38	1019/3668/5313
	Sherpur	32	1	247/3614/6139	26	1	38/184/9779	49	-16	1330/4790/3880
Chitta-gong	Bandarban	31	2	5026/2594/2379	25	1	0/236/9764	106	-21	522/2572/6906
	Brahamanbaria	32	1	392/4042/5566	26	1	0/262/9738	42	-30	1326/4983/3691
	Chandpur	32	1	420/3513/6067	27	2	0/281/9719	42	-47	4463/3155/2382
	Chittagong	31	1	1208/5243/3549	25	0	8/466/9526	43	-53	1265/3655/5080
	Comilla	32	1	463/3057/6481	27	2	0/217/9783	50	-41	3490/3398/3111
	Cox's Bazar	30	1	3667/3664/2668	24	-1	1/459/9540	124	-30	393/2229/7377
	Feni	32	0	877/4349/4773	25	0	0/384/9616	73	-55	3371/2751/3878
	Khagrachhari	32	1	1026/5274/3700	25	1	0/426/9574	63	-45	2147/3387/4465
	Lakshmipur	32	1	509/3806/5684	26	1	0/416/9584	38	-51	4569/2757/2674
	Noakhali	31	1	543/4494/4963	26	1	0/592/9408	37	-46	3133/3400/3467
	Rangamati	31	1	2207/4597/3197	25	1	0/310/9690	69	-32	655/3724/5622

Khulna	Bagerhat	32	2	1474/5923/2603	27	1	36/925/9039	46	-29	1837/4754/3410
	Chuadanga	33	2	1357/5488/3156	27	2	91/232/9677	32	-28	1208/6262/2529
	Jessore	33	2	2019/5560/2421	27	2	4/802/9194	39	-27	1540/6527/1933
	Jhenaidah	33	2	1492/5711/2798	27	2	30/466/9504	30	-30	1111/6409/2480
	Khulna	32	2	1969/5788/2243	27	2	17/1743/8240	52	-24	1494/5427/3080
	Kushtia	33	2	1146/5500/3354	27	2	1/199/9800	29	-28	1291/5320/3389
	Magura	33	2	1452/5865/2683	27	2	0/392/9608	34	-30	2097/5789/2113
	Meherpur	32	1	1103/5495/3401	26	1	77/174/9749	32	-25	1438/5923/2639
	Narail	33	2	1463/6040/2497	27	2	0/502/9498	32	-33	3743/4397/1860
	Satkhira	31	1	2836/5076/2088	26	1	16/2999/6986	52	-24	846/5235/3919
Barisal	Barguna	31	1	1055/5713/3232	26	1	50/443/9507	31	-48	1539/4889/3571
	Barisal	32	2	721/6068/3210	27	2	9/211/9779	24	-53	3791/3813/2396
	Bhola	30	0	522/6178/3300	26	0	0/715/9285	49	-50	2815/4122/3063
	Jhalokati	32	2	982/6058/2960	27	2	45/171/9784	39	-44	3070/4345/2584
	Patuakhali	31	1	857/6030/3113	26	1	36/494/9469	39	-54	2066/4464/3471
	Pirojpur	32	2	1092/5986/2922	27	2	41/227/9731	41	-36	2676/4778/2547
Sylhet	Habiganj	33	1	416/4234/5350	26	1	0/317/9683	45	-18	788/3939/5273
	Maulvibazar	33	1	361/4444/5195	26	0	32/202/9766	83	14	982/2801/6217
	Sunamganj	32	1	262/3819/5919	25	1	9/206/9785	42	-44	956/3479/5564
	Sylhet	31	0	272/3696/6032	25	1	47/95/9859	98	10	1024/2949/6027

## 2.6 Guidance

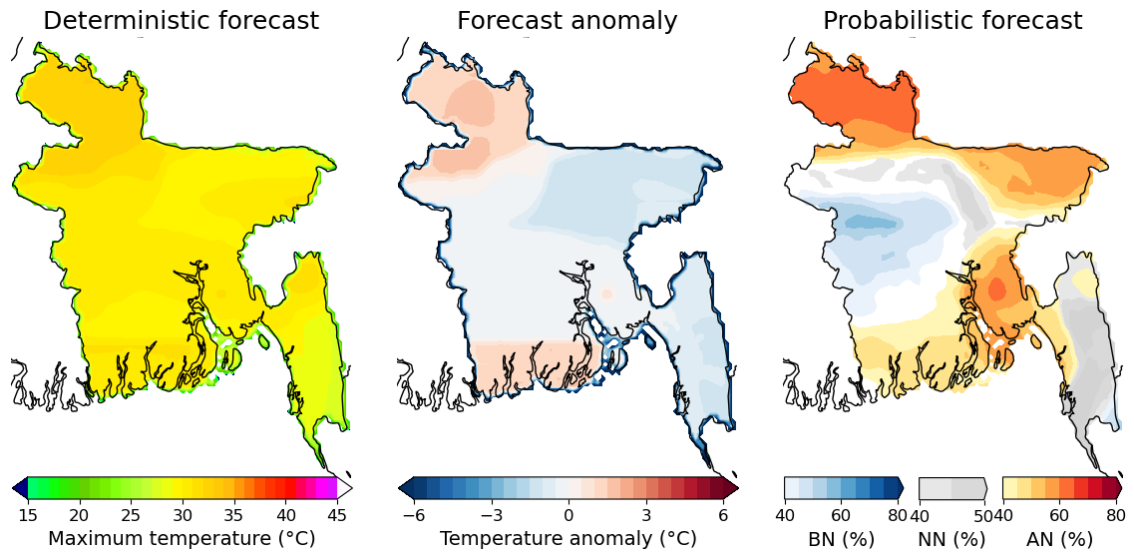
- Add here the text for guidance.

## 3. Weather Outlook for week 3+4 (Period: 19.09.2023 to 02.10.2023)

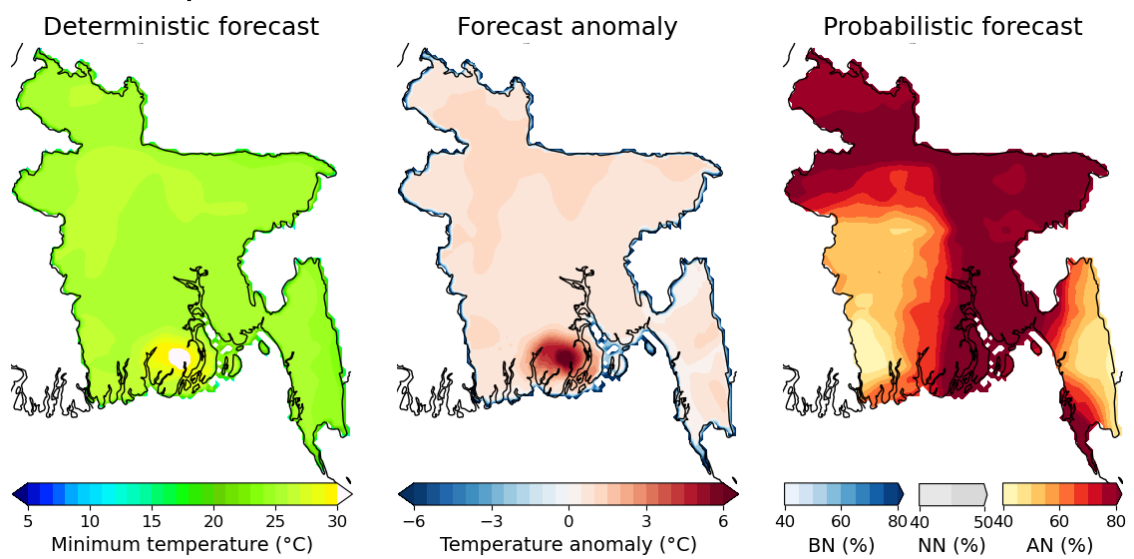
### 3.2 Significant Information

- Add here the text for significant information.

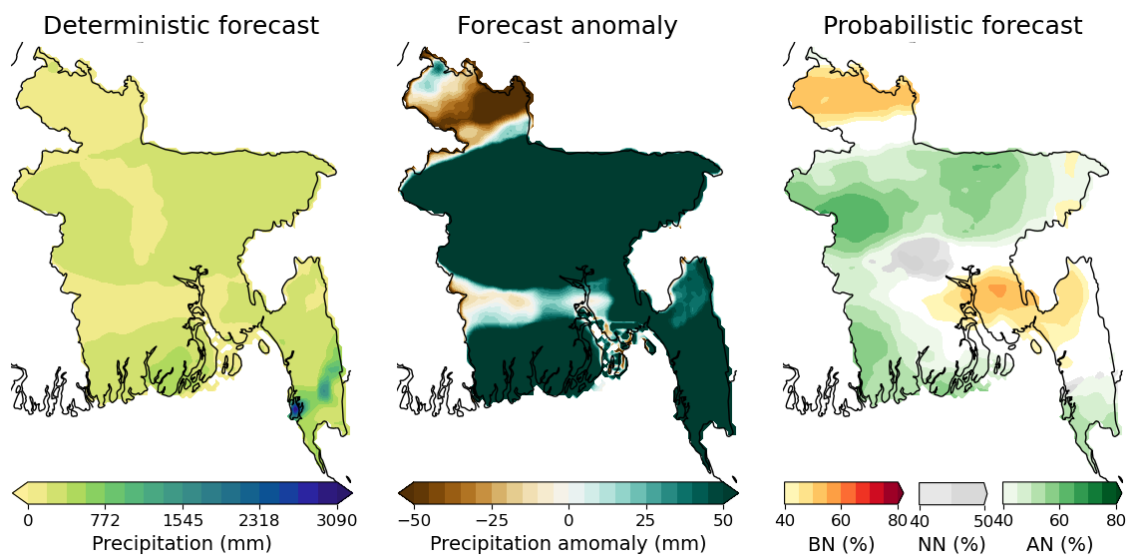
### 3.2 Maximum Temperature



### 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	30	0	3537/3054/34 09	26	1	267/2676/705 7	288	163	2261/4114/36 25
	Faridpur	30	0	4085/2665/32 49	26	1	517/3636/584 8	199	94	2180/4291/35 29
	Gazipur	30	-1	3380/3730/28 90	26	1	104/2005/789 1	294	168	2444/2436/51 20
	Gopalganj	30	0	3841/2666/34 93	26	1	589/3101/631 1	148	12	3698/2832/34 70
	Kishoreganj	30	-1	2222/3526/42 52	26	1	286/1549/816 5	315	163	2785/1848/53 67
	Madaripur	30	0	3016/3091/38 93	26	1	502/2603/689 5	175	40	3973/2976/30 52
	Manikganj	30	0	4407/2804/27 89	26	1	484/3572/594 4	196	92	1680/4717/36 03
	Munshiganj	30	0	2299/3643/40 58	26	1	251/2041/770 7	251	129	3351/3520/31 29
	Narayanganj	30	0	2075/3764/41 61	26	1	194/1561/824 4	294	163	3006/3330/36 64
	Narsingdi	30	-1	2172/4021/38 06	26	1	207/1695/809 8	299	169	2839/2467/46 94
	Rajbari	30	0	4803/2484/27 13	26	1	483/4280/523 6	210	110	1312/4811/38 77
	Shariatpur	30	0	2157/3215/46 28	26	1	242/1864/789 4	157	29	4703/2275/30 22
Rajshahi	Bogra	31	0	2680/3939/33 81	26	1	293/2508/719 9	188	87	1726/3182/50 92
	Joypurhat	32	1	2116/3180/47 04	26	1	304/1520/817 6	172	71	2379/3006/46 14
	Naogaon	31	1	2493/3449/40 58	25	0	242/1816/794 2	204	96	2024/3016/49 60
	Natore	31	0	4780/2491/27 29	26	1	144/3655/620 1	267	158	983/2865/615 3
	Nawabganj	30	-1	3172/3456/33 72	25	0	218/1795/798 7	234	122	2084/2446/54 71
	Pabna	30	0	5203/2294/25 03	26	1	236/4549/521 5	250	133	1220/3312/54 68
	Rajshahi	30	-1	4370/2812/28 19	25	0	158/2970/687 1	285	168	1207/2784/60 09
	Sirajganj	31	0	4364/3092/25 43	26	1	249/3643/610 8	205	102	1375/3028/55 97
Rangpur	Dinajpur	32	1	1812/2074/61 15	26	1	285/1633/808 3	94	-30	4335/1995/36 70
	Gaibandha	32	1	1853/2558/55 89	26	1	301/1524/817 5	165	61	2493/3487/40 20
	Kurigram	31	0	2004/1793/62 03	25	0	384/1561/805 5	96	-45	4354/2458/31 87
	Lalmonirhat	31	0	1948/1910/61 43	25	0	455/1584/796 1	100	-56	5019/1603/33 78
	Nilphamari	33	1	1883/1951/61 67	26	1	368/1767/786 5	118	-29	5129/1262/36 09
	Panchagarh	31	0	1870/2225/59 05	24	0	348/1752/790 0	164	-2	4374/1927/37 00
	Rangpur	32	2	1886/2059/60 55	26	1	307/1552/814 1	93	-49	4277/2303/34 20
	Thakurgaon	31	0	1833/1994/61 72	25	0	405/1905/769 0	134	-8	5093/1291/36 16
Mymen- singh	Jamalpur	31	0	2627/3680/36 93	26	1	138/2274/758 8	204	106	2026/3005/49 68
	Mymen- singh	30	-1	2739/3919/33 42	26	1	175/1368/845 8	284	160	2268/2143/55 89
	Netrakona	30	-1	2449/2284/52 67	26	1	330/1457/821 2	320	176	2372/1949/56 79
	Sherpur	30	-1	2395/3457/41 49	26	1	130/1685/818 5	258	151	2276/2516/52 09
Chitta- gong	Bandarban	28	-1	3040/4744/22 16	24	0	1878/2639/54 83	548	409	1839/3776/43 85

	Brahamanbaria	29	-1	2213/3355/4432	25	0	247/1700/8053	261	131	2999/2773/4228
	Chandpur	30	0	1767/2581/5652	26	1	136/1284/8580	154	33	5219/1420/3362
	Chittagong	28	-1	1837/3712/4450	25	0	1148/2476/6376	265	102	3786/2895/3319
	Comilla	30	0	1818/2634/5549	26	1	104/1254/8643	220	87	4538/2091/3371
	Cox's Bazar	27	-2	2312/5334/2354	24	-1	305/1624/8071	822	683	1217/3816/4968
	Feni	30	-1	1905/2958/5137	25	0	150/1151/8699	255	76	4822/2128/3050
	Khagrachhari	30	-1	1925/4312/3763	25	0	653/2820/6526	202	36	4591/2237/3172
	Lakshmipur	30	-1	1811/2584/5605	25	0	106/1172/8722	155	12	4563/2155/3282
	Noakhali	29	-1	1771/2680/5548	25	0	136/1382/8483	173	42	4072/2663/3265
	Rangamati	28	-2	2077/4765/3158	24	0	1785/3204/5010	278	132	3503/3203/3294
Khulna	Bagerhat	30	0	3296/2239/4465	26	1	1688/2115/6197	275	140	2774/2478/4747
	Chuadanga	30	-1	4606/2536/2859	26	1	206/4393/5401	213	84	1549/3542/4909
	Jessore	30	-1	4101/2784/3115	26	1	1400/3523/5077	121	-3	3079/2130/4791
	Jhenaidah	30	-1	4725/2524/2751	26	1	643/4019/5338	186	66	1853/3623/4525
	Khulna	30	0	3590/2252/4158	26	1	1934/2975/5090	233	103	2963/1852/5185
	Kushtia	30	0	5073/2258/2670	26	1	97/4628/5275	245	125	1251/3099/5650
	Magura	30	0	4484/2452/3064	26	1	596/3980/5424	207	95	2152/3704/4144
	Meherpur	29	-2	4598/2536/2866	25	0	14/4585/5401	229	103	1437/3357/5207
	Narail	30	0	3947/2806/3247	26	1	1002/3444/5553	117	-3	3426/2729/3845
	Satkhira	30	0	3655/2197/4148	26	0	2146/3199/4655	210	91	2833/1676/5491
Barisal	Barguna	31	1	2800/2372/4827	28	3	832/1788/7380	438	267	2093/3122/4785
	Barisal	30	0	2610/2965/4425	26	1	212/1780/8008	207	64	3910/2621/3468
	Bhola	29	0	1750/3147/5103	26	1	175/1318/8507	228	69	3256/2553/4190
	Jhalokati	30	0	2750/2738/4512	28	3	406/2235/7358	320	176	2962/2938/4100
	Patuakhali	30	1	2533/2733/4735	28	3	126/1302/8572	403	226	2434/2933/4632
	Pirojpur	30	0	2835/2592/4573	28	3	1374/1992/6633	304	165	2928/2732/4340
Sylhet	Habiganj	30	-1	2212/3038/4751	25	0	267/1609/8124	235	93	3132/2181/4687
	Maulvibazar	30	-2	2022/2927/5051	25	0	172/1552/8277	218	79	4093/1794/4113
	Sunamganj	29	-1	2315/2024/5661	25	1	382/1389/8229	285	114	2759/2123/5118
	Sylhet	28	-2	2235/2001/5763	24	0	298/1034/8668	271	100	4085/1726/4189

### 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)