



Weather Impact

WAGENINGEN  
UNIVERSITY & RESEARCH



Issue Date: 08 September 2023

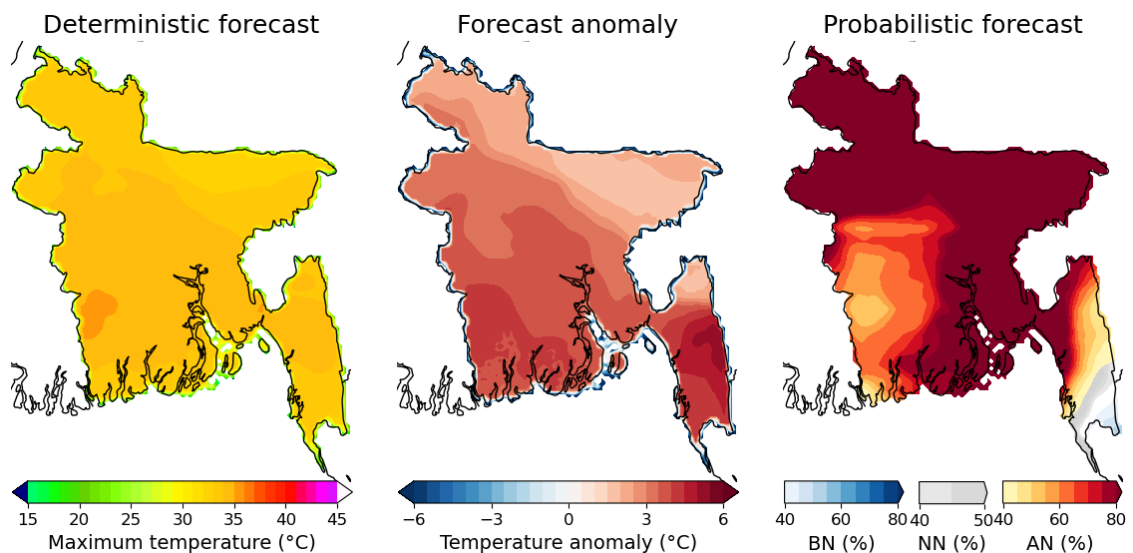
## Subject: Experimental Sub-seasonal forecast for Bangladesh during 08.09.2023 to 05.10.2023

### 1. Weather Forecast for week 1 (Period: 08.09.2023 to 14.09.2023)

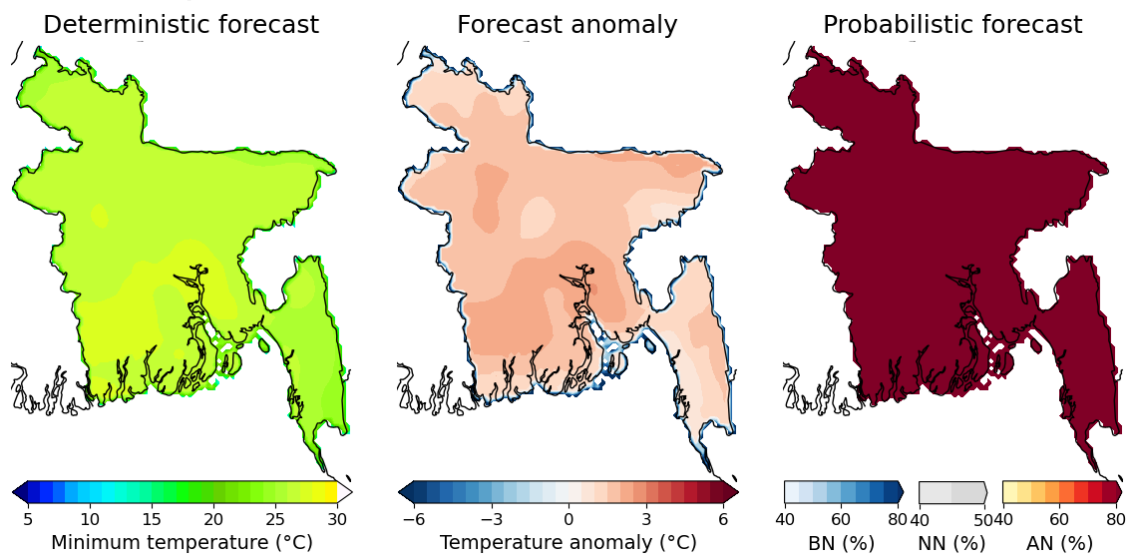
#### 1.1 Significant Information

- Add here the text for significant information.

#### 1.2 Maximum Temperature

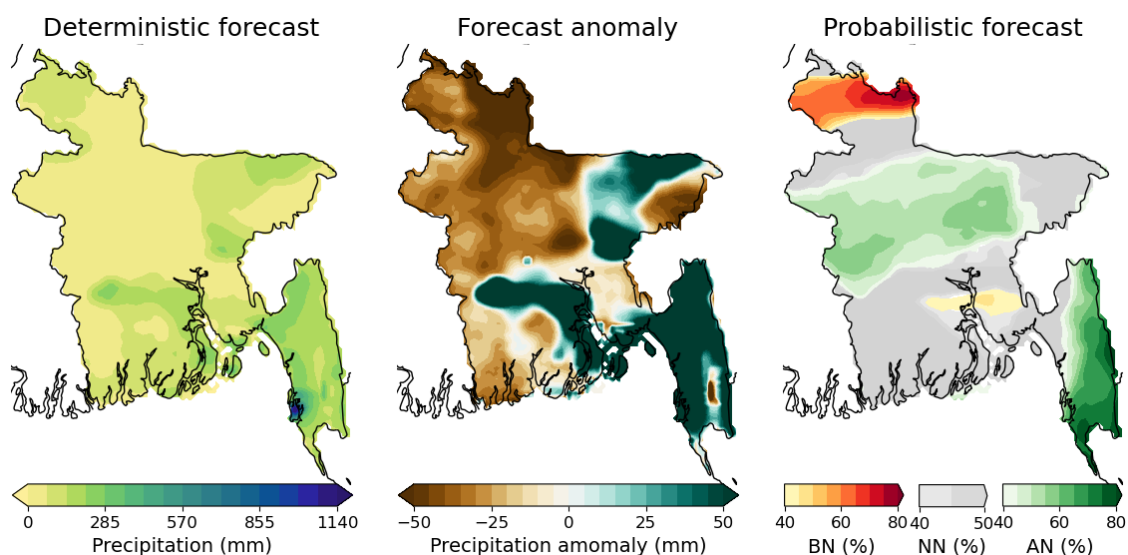


#### 1.3 Minimum Temperature



#### 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	0/1889/8111	27	2	0/0/10000	38	-30	1725/3954/4321
	Faridpur	35	4	0/3331/6669	27	2	0/0/10000	80	21	1577/5512/2911
	Gazipur	34	3	0/1845/8155	27	2	0/0/10000	32	-36	1574/3014/5412
	Gopalganj	34	4	9/3566/6424	27	2	0/1/9999	125	34	2801/5313/1886
	Kishoreganj	34	2	0/741/9259	27	2	0/0/10000	92	27	1084/3375/5541
	Madaripur	35	4	1/2274/7725	27	2	0/0/10000	145	72	3364/4622/2014
	Manikganj	34	4	0/2919/7081	27	2	0/0/10000	30	-33	2068/3323/4608
	Munshiganj	35	4	0/924/9076	27	2	0/0/10000	62	-8	1722/5502/2777
	Narayanganj	35	4	0/530/9470	27	2	0/0/10000	61	-9	1877/4439/3684
	Narsingdi	34	3	0/768/9232	27	2	0/0/10000	142	76	1922/3478/4600
	Rajbari	34	3	0/3660/6340	27	2	0/0/10000	35	-25	1801/3339/4860
	Shariatpur	35	4	0/735/9265	27	2	0/0/10000	150	76	3207/4544/2249
Rajshahi	Bogra	34	3	0/441/9559	27	2	0/0/10000	26	-43	1838/3536/4626
	Joypurhat	34	3	0/146/9854	27	2	0/0/10000	51	-35	1593/4950/3457
	Naogaon	33	3	0/378/9622	26	1	0/0/10000	53	-28	1651/4629/3720
	Natore	34	3	0/1583/8417	27	2	0/0/10000	40	-35	2190/2655/5155
	Nawabganj	32	2	0/709/9291	25	0	0/0/10000	38	-28	1373/4804/3823
	Pabna	34	3	0/3589/6411	27	2	0/0/10000	47	-34	2132/2470/5398
	Rajshahi	34	3	0/898/9102	26	1	0/0/10000	28	-34	1909/3003/5088
	Sirajganj	34	3	0/1975/8025	27	2	0/0/10000	37	-30	2195/2726/5079
Rangpur	Dinajpur	33	3	0/235/9765	26	1	0/0/10000	77	-36	4596/4448/957

	Gaibandha	33	2	0/155/9845	26	2	0/0/10000	43	-48	2091/5467/2442
	Kurigram	32	1	0/262/9738	25	1	0/0/10000	57	-65	5310/4202/487
	Lalmonirhat	32	1	0/315/9685	25	0	0/0/10000	67	-68	6349/3236/415
	Nilphamari	34	2	0/336/9664	26	1	0/0/10000	89	-40	6369/3005/627
	Panchagarh	32	1	0/370/9630	24	0	0/3/9997	104	-36	3427/5795/778
	Rangpur	33	2	0/222/9778	26	2	0/0/10000	55	-56	4270/5022/708
	Thakurgaon	32	1	0/347/9653	25	0	0/0/10000	81	-37	5960/3138/901
Mymen-singh	Jamalpur	33	2	0/467/9533	26	2	0/0/10000	37	-41	2003/3633/4364
	Mymen-singh	33	2	0/900/9100	27	2	0/0/10000	57	-27	1588/3270/5142
	Netrakona	33	2	0/929/9071	26	2	0/0/10000	102	13	1406/3565/5029
	Sherpur	33	2	0/364/9636	26	1	0/0/10000	44	-47	1920/3476/4604
Chittagong	Bandarban	33	4	2487/4100/3413	25	1	0/0/10000	180	34	84/2901/7014
	Brahamanbaria	34	2	0/698/9302	26	1	0/0/10000	143	81	1850/4026/4124
	Chandpur	35	4	0/348/9652	27	2	0/0/10000	72	-5	3532/4510/1958
	Chittagong	33	3	90/2199/7711	25	0	0/0/10000	213	117	452/5322/4226
	Comilla	34	3	0/383/9616	27	2	0/0/10000	68	-9	2671/4916/2413
	Cox's Bazar	31	2	1087/4942/3971	24	-1	0/1/9999	340	141	55/3047/6899
	Feni	34	3	23/571/9406	26	1	0/0/10000	132	27	2421/5292/2286
	Khagrachhari	34	2	43/2289/7668	25	1	0/0/10000	220	127	403/5290/4308
	Lakshmipur	34	3	0/307/9693	27	2	0/0/10000	84	-4	3836/4199/1965
	Noakhali	33	3	0/495/9505	26	1	0/7/9993	133	53	2660/5026/2315
	Rangamati	33	3	404/4248/5348	25	1	0/0/10000	172	73	98/3389/6512
Khulna	Bagerhat	34	4	50/3012/6938	27	2	0/95/9905	76	-18	909/7504/1587
	Chuadanga	34	3	0/3540/6460	26	1	0/0/10000	41	-27	1784/2771/5445
	Jessore	35	4	1/4539/5460	27	2	0/28/9972	94	21	1331/5862/2807
	Jhenaidah	34	3	0/4232/5768	27	2	0/0/10000	46	-23	1571/3456/4973
	Khulna	34	4	93/3680/6228	27	2	0/103/9897	69	-21	1095/7288/1617
	Kushtia	34	3	0/3538/6462	27	2	0/0/10000	50	-29	1826/2651/5524
	Magura	35	4	0/3821/6179	27	2	0/0/10000	123	56	1334/4854/3812
	Meherpur	33	2	0/2310/7690	25	0	0/0/10000	34	-32	1954/2544/5502
	Narail	35	4	0/3800/6200	27	2	0/7/9993	159	78	1435/6933/1632
	Satkhira	33	3	118/4148/5734	27	1	0/111/9889	66	-23	1198/6393/2409
Barisal	Barguna	34	4	0/1996/8004	27	1	0/39/9961	92	-10	262/7570/2168
	Barisal	34	4	26/1605/8369	27	2	0/0/10000	138	53	3332/4675/1993

	Bhola	32	2	0/1171/8829	26	0	0/1/9999	172	61	1956/5134/29 10
	Jhalokati	34	4	13/1909/8078	27	2	0/8/9992	88	-9	1716/6363/19 21
	Patuakhali	33	3	0/1880/8120	26	1	0/3/9997	133	13	679/6459/286 1
	Pirojpur	34	4	18/2292/7690	27	2	0/37/9963	74	-21	1448/6933/16 20
Sylhet	Habiganj	33	1	0/1095/8905	26	1	0/0/10000	47	-7	956/5018/402 5
	Maulvibazar	33	1	0/1493/8507	25	0	0/0/10000	13	-44	818/5763/341 9
	Sunamganj	32	2	0/806/9194	26	2	0/0/10000	137	49	1121/5008/38 72
	Sylhet	32	1	0/688/9312	25	1	0/0/10000	105	23	1009/5956/30 34

## 1.6 Guidance

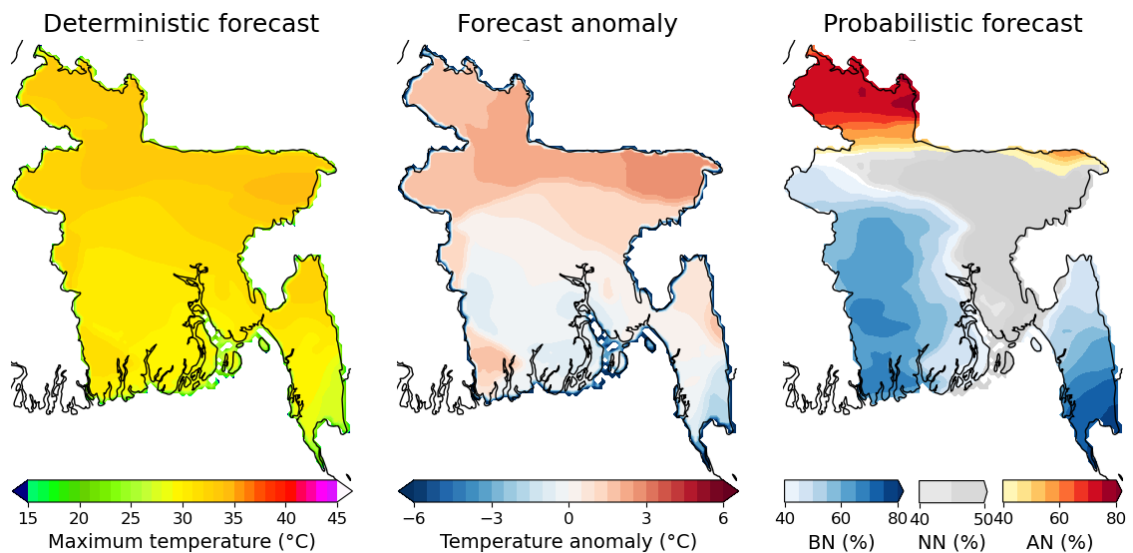
- Add here the text for guidance.

## 2. Weather Forecast for week 2 (Period: 15.09.2023 to 21.09.2023)

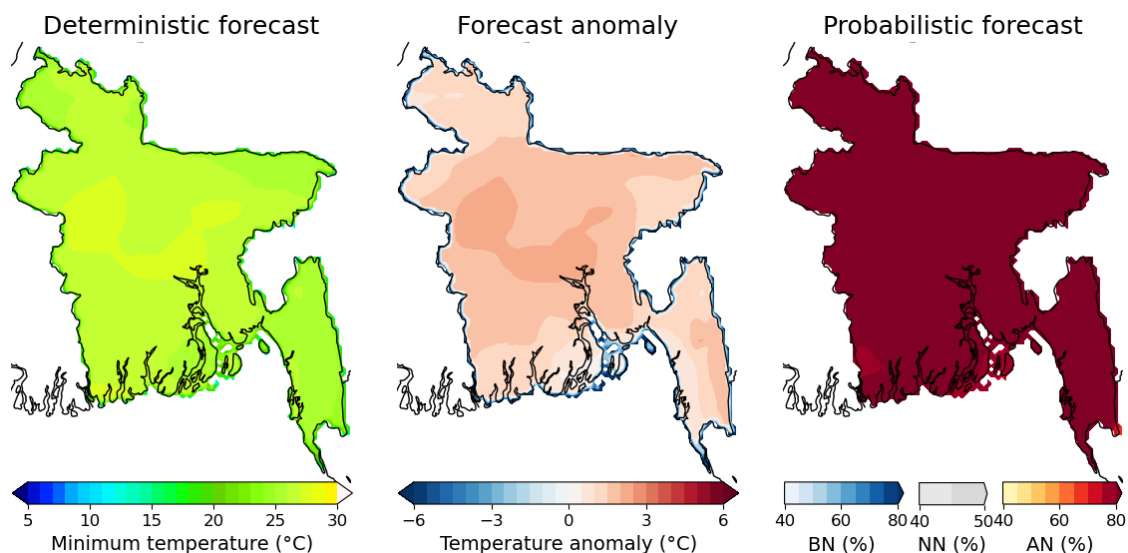
### 2.1 Significant Information

- Add here the text for significant information.

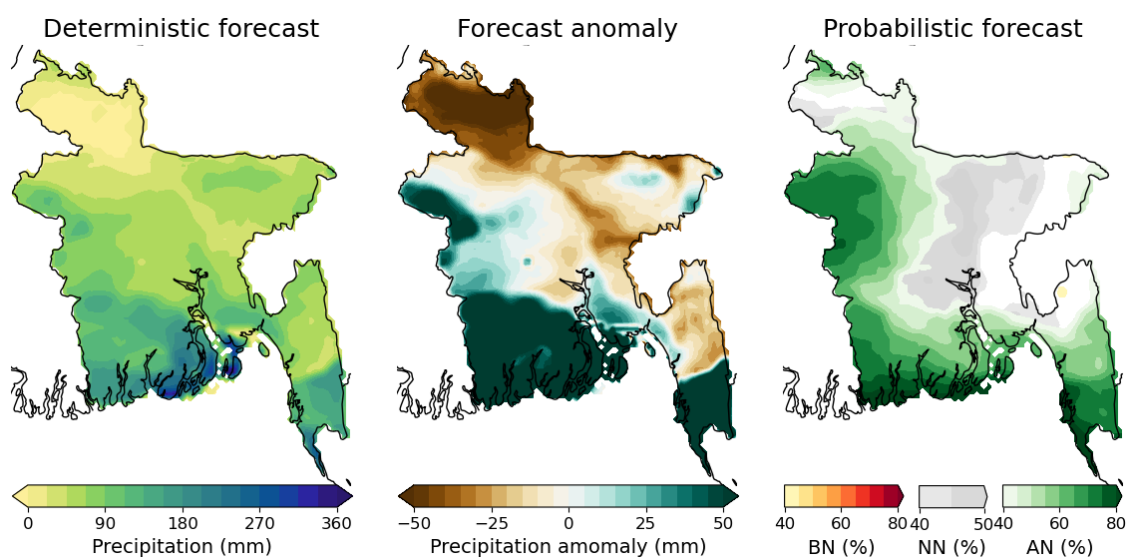
### 2.2 Maximum Temperature



### 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	31	0	4383/3847/1770	27	2	50/857/9094	65	-11	1622/4768/3611
	Faridpur	31	0	5688/2985/1328	27	2	50/862/9089	62	-1	1379/4668/3953
	Gazipur	32	1	3984/4132/1884	27	2	50/581/9370	58	-11	1622/4908/3469
	Gopalganj	30	0	5726/2796/1478	27	2	50/757/9193	116	47	1439/4254/4307
	Kishoreganj	33	1	2024/5917/2059	27	2	50/871/9080	46	-22	2165/4412/3422
	Madaripur	30	0	5092/3308/1600	27	2	50/954/8996	74	-1	1580/4623/3797
	Manikganj	31	0	5430/2863/1707	27	2	50/876/9074	61	-4	1475/4343/4182
	Munshiganj	31	0	3975/4155/1870	27	2	50/1044/8907	65	-9	1789/4826/3384
	Narayanganj	31	0	3037/5197/1766	27	2	50/806/9144	72	-6	1991/4772/3237

	Narsingdi	32	1	2599/5543/1858	27	2	50/808/9142	39	-28	2802/4052/3146
	Rajbari	31	0	6175/2730/1096	27	2	49/714/9238	68	8	1370/3086/5545
	Shariatpur	30	0	4367/3988/1645	27	2	50/1072/8878	67	-8	1671/4572/3757
Rajshahi	Bogra	33	2	2965/4505/2531	27	2	63/772/9166	30	-15	1306/2550/6143
	Joypurhat	33	2	2382/3971/3647	26	1	7/648/9345	22	-16	1104/2826/6070
	Naogaon	32	1	3600/3392/3008	26	1	0/605/9395	33	-4	1221/1993/6786
	Natore	32	1	5303/2623/2074	27	2	7/517/9476	74	21	1149/1844/7007
	Nawabganj	31	0	4729/2373/2897	25	0	0/667/9333	65	27	1347/1586/7067
	Pabna	31	0	6095/2334/1571	27	2	36/670/9294	74	14	1397/2327/6277
	Rajshahi	32	1	5044/2797/2159	26	1	0/519/9481	91	47	1155/1662/7183
	Sirajganj	32	1	4928/3223/1849	27	2	50/695/9255	58	7	1383/2963/5654
Rangpur	Dinajpur	33	2	1273/2111/6615	26	1	0/632/9368	0	-48	1571/4009/4419
	Gaibandha	33	2	1312/3736/4952	26	2	37/722/9241	0	-42	1286/3666/5048
	Kurigram	32	1	789/2048/7163	25	0	21/754/9226	4	-54	1981/3837/4182
	Lalmonirhat	32	1	893/1656/7451	25	0	36/690/9274	15	-48	2314/3472/4214
	Nilphamari	33	2	1087/1490/7423	26	1	10/636/9354	12	-51	2415/3505/4080
	Panchagarh	32	0	1012/1917/7071	25	0	27/446/9526	28	-36	1690/3013/5297
	Rangpur	33	2	1000/2242/6758	26	1	1/694/9305	0	-56	1446/4111/4443
	Thakurgaon	32	1	1208/1646/7146	25	0	0/739/9261	6	-45	2354/3813/3833
Mymen-singh	Jamalpur	33	2	2156/4883/2962	26	2	55/701/9244	20	-23	1476/3695/4830
	Mymen-singh	33	1	2382/5356/2262	27	2	66/534/9401	46	-20	1292/4910/3798
	Netrakona	33	2	1425/6156/2420	26	2	62/863/9075	62	-15	1629/4537/3834
	Sherpur	33	2	1987/4884/3129	26	1	58/628/9313	29	-23	1570/4107/4323
Chitta-gong	Bandarban	28	-1	7093/1635/1272	25	1	55/873/9072	137	72	924/2240/6836
	Brahamanbaria	32	1	2327/5699/1974	26	1	50/1040/8911	39	-27	3258/3559/3183
	Chandpur	31	0	2957/4791/2251	27	2	49/844/9106	87	12	2770/4005/3225
	Chittagong	29	-1	5306/3217/1476	25	0	70/951/8979	83	7	1087/3313/5600
	Comilla	31	0	2341/5693/1966	26	2	42/694/9264	66	-9	3292/3559/3150
	Cox's Bazar	27	-2	7164/1605/1231	24	-1	68/1258/8674	150	90	584/1503/7913
	Feni	30	-1	3352/5290/1358	25	0	49/717/9234	102	-2	2076/4142/3782
	Khagrachhari	31	0	4685/3898/1417	25	1	50/1051/8899	70	-17	3015/3444/3541
	Lakshmipur	29	-1	3467/4643/1890	26	1	50/1150/8800	112	38	1539/3427/5035
	Noakhali	29	-1	3565/5025/1410	26	1	79/1342/8578	132	63	1067/3547/5386
	Rangamati	30	0	5446/2886/1668	25	1	52/998/8950	59	-10	1438/3417/5144

Khulna	Bagerhat	30	0	6219/2699/1082	26	1	114/1409/8477	137	79	960/2413/6627
	Chuadanga	32	1	6044/2173/1784	27	2	40/435/9525	76	18	917/2312/6770
	Jessore	30	-1	6456/2265/1278	27	2	38/652/9310	127	55	1209/2813/5978
	Jhenaidah	30	0	6174/2464/1362	27	2	42/333/9626	90	22	1115/2856/6029
	Khulna	31	0	6496/2413/1091	27	1	79/1529/8392	135	77	974/2333/6693
	Kushtia	31	0	6030/2180/1791	27	2	3/502/9495	81	23	1191/1787/7022
	Magura	31	0	6188/2657/1155	27	2	48/482/9470	86	16	1151/3537/5312
	Meherpur	31	0	5816/2228/1956	26	1	11/543/9446	88	33	966/1710/7323
	Narail	30	0	6154/2494/1352	27	2	56/722/9222	112	47	1460/3903/4638
	Satkhira	30	0	6497/2512/990	26	1	48/1728/8225	133	79	857/1874/7269
Barisal	Barguna	29	-1	4979/3887/1134	26	1	102/1430/8467	193	118	560/2389/7051
	Barisal	30	0	5086/3644/1270	26	1	50/1149/8801	145	74	1217/3469/5314
	Bhola	28	-1	4248/4747/1005	25	0	142/1710/8148	203	119	750/2949/6301
	Jhalokati	30	0	5422/3416/1162	26	1	56/1156/8789	152	77	1042/3359/5600
	Patuakhali	29	-1	4574/4422/1005	26	0	144/1624/8232	218	133	595/2779/6626
	Pirojpur	30	0	5550/3208/1242	26	1	68/1183/8748	129	59	1084/2998/5917
Sylhet	Habiganj	33	1	1720/5997/2283	26	1	50/1127/8823	49	-12	2681/3958/3361
	Maulvibazar	33	1	1446/5895/2658	25	0	44/924/9032	63	0	3164/2933/3903
	Sunamganj	33	2	1111/5386/3503	25	1	50/1064/8886	61	-8	1911/4360/3728
	Sylhet	33	2	1155/4582/4263	25	1	75/871/9054	49	-16	3093/3013/3894

## 2.6 Guidance

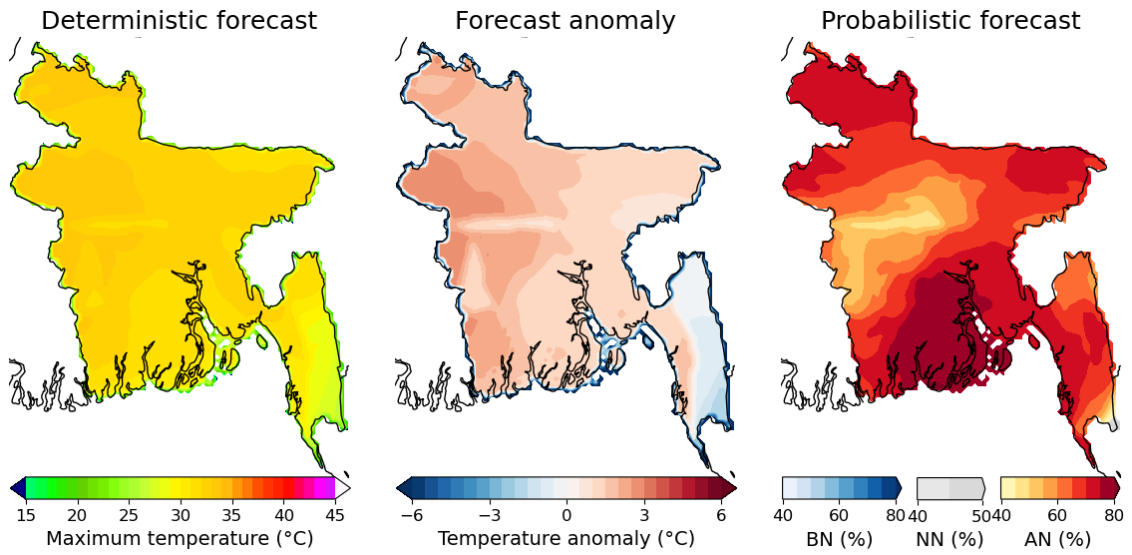
- Add here the text for guidance.

## 3. Weather Outlook for week 3+4 (Period: 22.09.2023 to 05.10.2023)

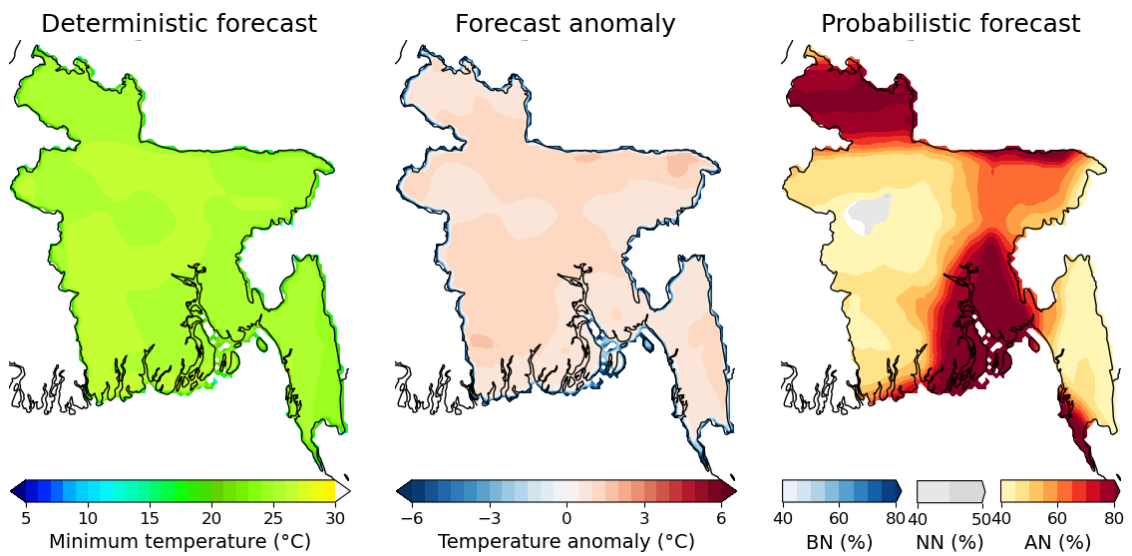
### 3.2 Significant Information

- Add here the text for significant information.

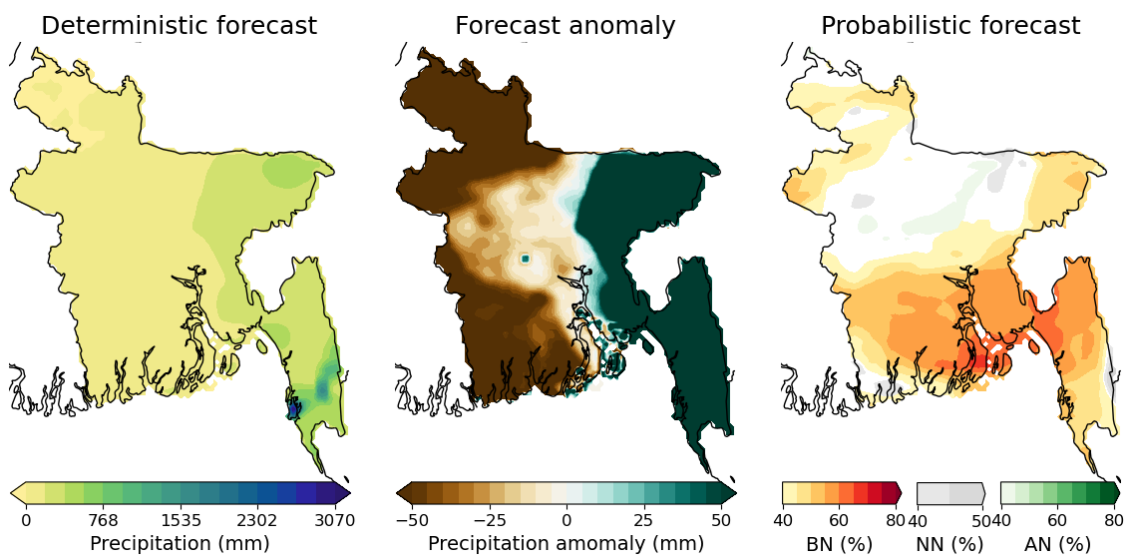
### 3.2 Maximum Temperature



### 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	32	2	1190/2139/66 70	26	1	580/4152/526 8	102	-15	4304/2648/30 48
	Faridpur	32	2	993/2359/664 8	26	1	716/4683/460 1	82	-11	4978/2382/26 40
	Gazipur	32	1	1399/2528/60 73	26	1	605/4131/526 4	139	19	4073/2279/36 48
	Gopalganj	32	1	912/1597/749 2	26	1	609/4010/538 1	77	-46	5583/1819/25 98
	Kishoreganj	32	1	1506/1849/66 45	26	1	616/3210/617 4	255	114	3525/3076/33 99
	Madaripur	32	1	913/1478/760 8	26	1	500/3480/602 0	88	-26	5373/2057/25 70
	Manikganj	33	2	1134/2861/60 04	26	1	613/4976/441 1	84	-13	3968/2632/34 00
	Munshiganj	32	1	1098/1567/73 35	26	1	536/2691/677 3	98	-13	4895/2316/27 89
	Narayanganj	32	1	1260/1678/70 62	26	1	525/2305/716 9	121	-3	4453/2566/29 80
	Narsingdi	32	1	1476/1833/66 91	26	1	598/2675/672 7	217	94	4231/2571/31 98
	Rajbari	33	2	1229/2883/58 88	26	1	922/4764/431 4	74	-17	4068/2549/33 83
	Shariatpur	32	1	918/1507/757 5	26	1	398/2169/743 2	102	-8	5487/1885/26 28
Rajshahi	Bogra	33	2	1254/2185/65 61	26	1	1569/3777/46 54	47	-44	3506/3313/31 81
	Joypurhat	33	2	1001/2076/69 22	26	1	1271/3513/52 16	13	-82	4403/2641/29 56
	Naogaon	33	2	1061/2028/69 11	25	0	1590/3531/48 80	19	-79	4154/2953/28 93
	Natore	33	2	1394/2616/59 90	26	1	2046/3947/40 08	60	-31	2796/3722/34 82
	Nawabganj	32	1	1099/1799/71 01	25	0	1894/3304/48 02	14	-83	4952/2416/26 31
	Pabna	33	2	1729/3001/52 70	26	1	1560/4323/41 17	76	-23	2998/3086/39 16
	Rajshahi	33	2	1188/2374/64 38	25	0	1984/3544/44 72	43	-56	3832/3074/30 95
	Sirajganj	33	2	1212/3148/56 40	26	1	1551/4292/41 57	80	-14	3007/3233/37 60
Rangpur	Dinajpur	33	2	838/1909/725 2	26	1	461/1714/782 5	0	-128	4220/3075/27 06
	Gaibandha	33	2	1288/1818/68 95	26	1	842/2722/643 7	16	-82	3987/3152/28 62
	Kurigram	32	1	1194/1492/73 13	25	0	368/1686/794 6	12	-124	4328/3398/22 73
	Lalmonirhat	32	1	1050/1631/73 19	25	0	343/1752/790 5	4	-161	4372/2846/27 82
	Nilphamari	33	2	831/1831/733 8	26	1	383/1599/801 8	0	-157	4160/3037/28 03
	Panchagarh	32	1	816/2067/711 7	24	0	586/2263/715 1	0	-174	3911/2803/32 87
	Rangpur	33	2	1168/1545/72 87	26	1	371/1718/791 1	11	-129	4033/3553/24 14
	Thakurgaon	32	1	761/1893/734 6	25	0	553/1485/796 2	0	-150	4189/2709/31 02
Mymen- singh	Jamalpur	32	1	1449/2023/65 28	26	1	1261/3636/51 03	42	-47	3460/3149/33 92
	Mymen- singh	32	1	1492/2275/62 34	26	1	833/3917/525 1	125	9	3168/3114/37 17
	Netrakona	32	1	1551/1683/67 66	26	1	758/2977/626 5	211	72	2452/3816/37 31
	Sherpur	32	1	1506/1775/67 19	26	1	1057/3694/52 49	38	-61	3465/3257/32 78
Chitta- gong	Bandarban	28	-1	1336/2374/62 90	24	1	4182/1162/46 56	614	469	4551/3292/21 58

	Brahamanbaria	31	0	1526/1690/6784	25	0	603/2736/6660	224	104	4425/2497/3078
	Chandpur	32	1	900/1679/7421	26	1	240/1486/8275	141	30	5579/1725/2696
	Chittagong	30	0	1045/1732/7224	25	0	2685/2239/5076	359	192	5743/2391/1866
	Comilla	32	1	1162/1564/7273	26	1	477/1575/7948	219	96	5488/1797/2715
	Cox's Bazar	28	-1	983/1960/7057	24	-1	742/1721/7537	838	704	4904/3382/1714
	Feni	31	0	957/1806/7237	25	0	459/2104/7436	323	159	5954/1747/2300
	Khagrachhari	31	-1	1479/2090/6432	25	0	2177/3239/4584	275	116	5859/1787/2354
	Lakshmipur	31	1	845/1675/7480	25	0	80/813/9107	153	24	5825/1673/2503
	Noakhali	31	1	814/1810/7376	25	0	91/896/9014	201	77	5907/1854/2240
	Rangamati	29	-1	1434/1866/6700	24	0	4145/1605/4250	337	189	5260/2355/2385
Khulna	Bagerhat	31	1	852/1466/7682	26	1	1553/3125/5322	78	-54	5143/2607/2250
	Chuadanga	33	2	1908/2514/5578	26	1	1634/3962/4404	57	-54	4030/3308/2662
	Jessore	32	1	1696/2505/5799	26	1	1587/3808/4604	54	-55	5227/2247/2526
	Jhenaidah	32	2	1914/2545/5541	26	1	1505/4035/4460	59	-41	4337/2921/2742
	Khulna	32	2	944/1915/7140	26	1	1725/3512/4764	69	-57	4950/2755/2294
	Kushtia	33	2	2148/2496/5356	26	1	1967/3883/4150	72	-26	3039/3544/3417
	Magura	33	2	1412/2534/6055	26	1	1429/3979/4592	66	-32	5031/2117/2852
	Meherpur	32	1	1454/2594/5952	25	0	1757/3932/4311	50	-58	3916/3326/2757
	Narail	32	2	1022/2256/6722	26	1	1385/3738/4877	58	-52	5416/2020/2564
	Satkhira	31	1	1172/1988/6840	26	0	1902/3399/4699	55	-64	4399/3281/2320
Barisal	Barguna	31	1	513/1622/7865	26	1	686/2232/7083	107	-57	5260/2752/1988
	Barisal	32	1	809/1540/7651	26	1	160/1995/7845	105	-22	5689/1798/2513
	Bhola	30	0	699/1678/7622	25	0	50/573/9377	127	-23	6132/1708/2160
	Jhalokati	32	1	780/1444/7776	26	1	382/2508/7110	80	-47	5866/1798/2336
	Patuakhali	31	1	581/1657/7762	26	0	65/976/8958	112	-50	5551/2418/2031
	Pirojpur	32	1	777/1387/7836	26	1	1146/3356/5498	80	-44	5808/1873/2319
Sylhet	Habiganj	32	0	1518/1796/6686	25	0	615/3583/5802	213	85	4327/2313/3360
	Maulvibazar	32	0	1556/1667/6777	25	0	703/4158/5139	264	137	4864/2429/2707
	Sunamganj	31	1	1568/1378/7053	25	1	659/2607/6733	283	111	3342/3245/3413
	Sylhet	31	0	1672/1282/7046	25	1	710/3241/6049	387	212	4868/2310/2822

### 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)