



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 25 August 2023

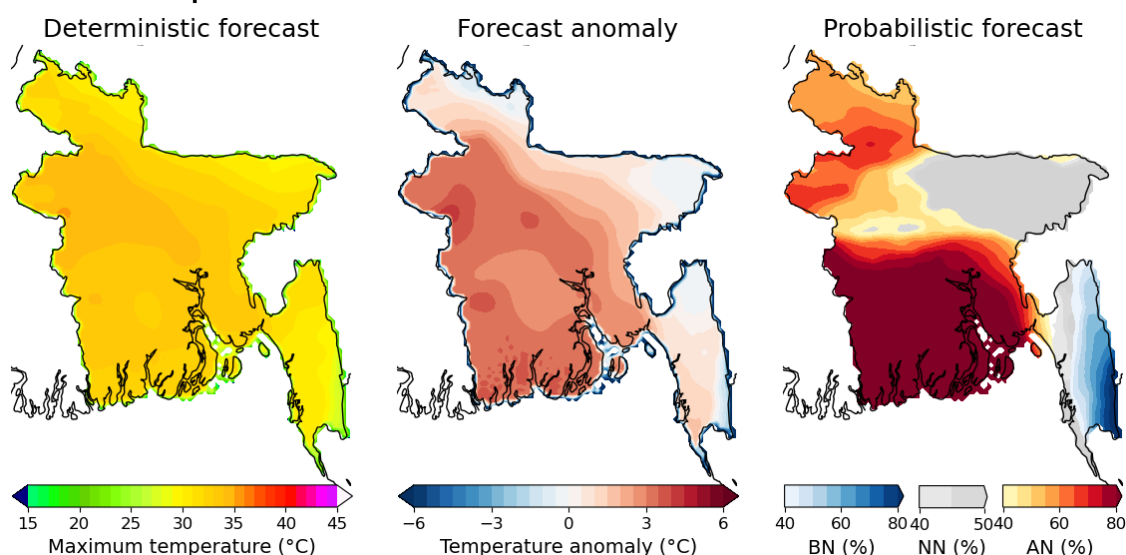
Subject: Experimental Sub-seasonal forecast for Bangladesh during 25.08.2023 to 21.09.2023

1. Weather Forecast for week 1 (Period: 25.08.2023 to 31.08.2023)

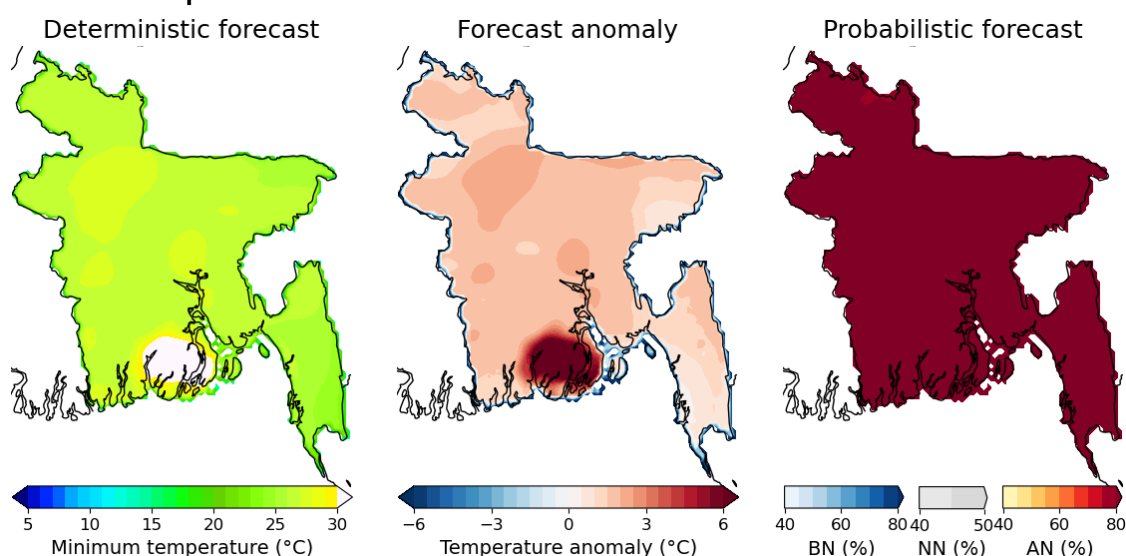
1.1 Significant Information

- Add here the text for significant information.

1.2 Maximum Temperature

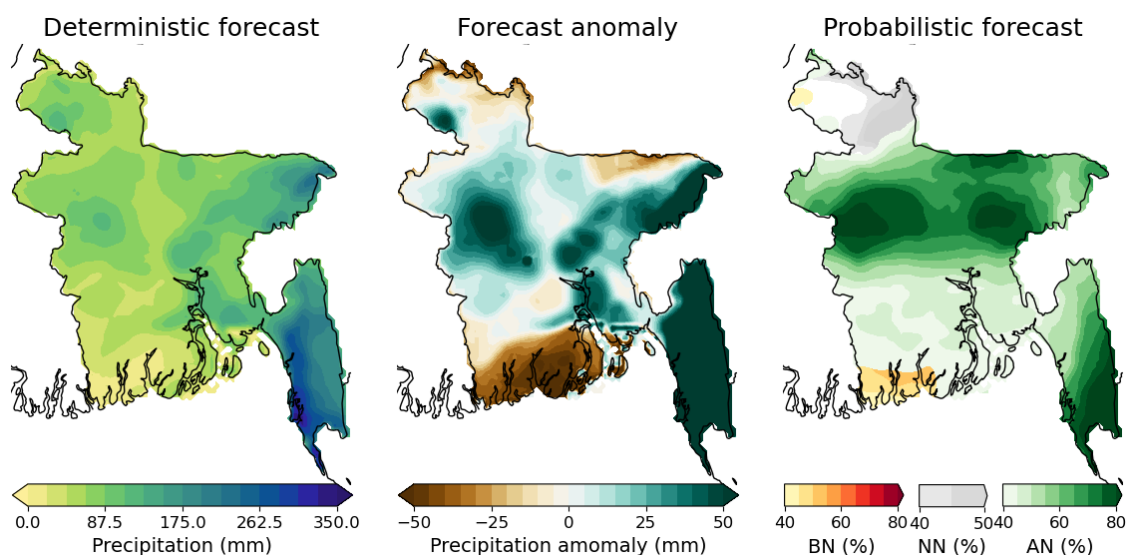


1.3 Minimum Temperature



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	858/1581/756 0	27	2	0/491/9509	95	29	977/2829/619 4
	Faridpur	33	3	811/803/8386	27	2	0/472/9528	56	16	2674/2357/49 69
	Gazipur	34	3	938/3744/531 8	27	2	0/730/9269	92	25	212/2651/713 8
	Gopalganj	33	3	457/656/8887	27	2	0/317/9683	46	-3	4887/557/455 6
	Kishoreganj	33	2	1498/5883/26 19	27	2	10/737/9253	109	29	459/1591/795 0
	Madaripur	33	3	433/687/8879	27	2	0/246/9754	51	-6	4554/857/458 9
	Manikganj	34	3	1042/1867/70 91	27	2	0/564/9436	68	23	639/2857/650 4
	Munshiganj	34	3	654/1201/814 5	27	2	0/271/9729	85	20	2582/2312/51 06
	Narayanganj	34	3	687/1804/750 9	27	2	0/340/9660	106	32	1321/2808/58 70
	Narsingdi	34	3	822/3434/574 4	27	2	0/555/9445	103	33	851/1906/724 2
	Rajbari	34	3	1022/1524/74 55	27	2	4/585/9411	77	41	1001/2986/60 12
	Shariatpur	33	3	403/855/8743	27	2	0/193/9807	80	17	4344/1117/45 40
Rajshahi	Bogra	34	3	1645/3297/50 58	28	2	1/670/9330	77	22	536/2846/661 8
	Joypurhat	34	3	1749/1679/65 72	27	2	38/1043/8918	62	7	1830/3575/45 95
	Naogaon	34	3	1815/1895/62 90	26	1	74/1172/8755	69	9	1374/3254/53 72
	Natore	34	4	1608/3396/49 97	27	2	47/1005/8948	95	47	158/1742/810 0
	Nawabganj	33	2	1447/2106/64 47	26	1	57/476/9466	63	-1	1745/2726/55 29
	Pabna	34	3	1362/3567/50 71	27	2	10/682/9308	96	51	415/1913/767 2
	Rajshahi	34	3	1457/2663/58 80	26	1	84/937/8979	81	17	441/2642/691 7
	Sirajganj	34	3	1542/3852/46 06	27	2	11/472/9517	77	31	40/2196/7763
Rangpur	Dinajpur	32	1	2145/1677/61 78	26	1	96/1329/8575	86	14	2613/3617/37 70

	Gaibandha	33	2	1586/1974/64 41	27	2	2/683/9315	64	9	556/4882/456 2
	Kurigram	30	-1	2384/1955/56 62	26	1	127/1272/860 2	50	-9	1215/5196/35 89
	Lalmonirhat	29	-2	2698/1848/54 54	26	0	294/1620/808 6	55	-20	1991/4773/32 36
	Nilphamari	31	0	2311/2002/56 87	27	1	175/1552/827 3	75	-7	2708/3719/35 73
	Panchagarh	30	-1	2348/2009/56 43	25	0	101/1154/874 5	59	-16	1637/4320/40 43
	Rangpur	32	1	2089/1640/62 72	26	1	127/1258/861 5	69	-4	1586/4938/34 76
	Thakurgaon	31	0	2218/2074/57 08	26	1	120/1263/861 7	63	-8	3785/2461/37 54
Mymen-singh	Jamalpur	33	1	1468/4166/43 66	27	2	7/637/9356	63	10	168/3710/612 1
	Mymen-singh	33	2	1396/5848/27 55	27	2	116/1023/886 0	81	11	47/2893/7059
	Netrakona	32	1	1862/6555/15 84	27	2	114/897/8989	77	-4	84/2655/7261
	Sherpur	32	1	1549/4824/36 27	27	2	45/846/9109	68	8	101/3610/629 0
Chittagong	Bandarban	29	0	6675/3314/11	24	0	498/757/8745	215	134	62/1803/8134
	Brahamanbaria	32	1	1218/4113/46 68	26	1	0/524/9476	87	23	1035/1744/72 21
	Chandpur	33	3	359/1249/839 1	27	2	0/149/9851	111	38	4011/1336/46 52
	Chittagong	30	0	2996/4101/29 03	25	0	58/309/9634	204	111	2326/2204/54 70
	Comilla	33	2	683/2174/714 3	26	2	0/346/9654	84	10	2952/1964/50 83
	Cox's Bazar	29	0	3418/5984/59 8	24	-1	0/80/9920	283	193	75/2377/7548
	Feni	32	1	1036/2808/61 57	25	0	0/222/9778	118	6	4612/890/449 8
	Khagrachhari	31	-1	3653/4910/14 37	26	1	0/257/9743	162	70	2916/1908/51 76
	Lakshmipur	33	2	103/1137/876 0	26	1	12/124/9863	106	22	4502/906/459 2
	Noakhali	32	2	91/1237/8672	26	1	0/104/9896	83	3	4400/1165/44 35
	Rangamati	29	-1	5613/4189/19 8	25	1	177/510/9314	180	100	1487/1911/66 03
Khulna	Bagerhat	33	3	142/432/9426	28	2	0/176/9823	28	-30	5017/882/410 1
	Chuadanga	33	3	766/1106/812 8	26	1	50/1393/8557	62	19	1421/2995/55 85
	Jessore	33	3	588/691/8721	26	1	14/1500/8485	48	7	4383/1224/43 94
	Jhenaidah	33	3	818/1045/813 7	27	2	49/1365/8585	49	13	1836/2945/52 20
	Khulna	33	3	205/532/9262	27	2	8/477/9515	36	-19	5040/744/421 6
	Kushtia	34	3	1169/2547/62 84	27	2	57/1009/8934	80	36	818/1582/760 0
	Magura	33	3	832/942/8226	27	2	17/823/9159	49	14	2383/2807/48 11
	Meherpur	32	2	824/1209/796 7	25	0	50/1064/8886	64	20	1230/2634/61 36
	Narail	33	3	539/854/8608	27	2	0/581/9419	43	4	4915/626/446 0
	Satkhira	32	2	185/397/9418	26	1	5/970/9025	28	-19	4877/1089/40 34
Barisal	Barguna	32	3	47/208/9745	31	6	0/176/9823	28	-51	5048/951/400 1
	Barisal	33	3	204/807/8989	28	3	22/293/9685	73	-1	5044/400/455 6

	Bhola	31	2	20/481/9499	28	3	31/238/9731	55	-36	4472/1215/4313
	Jhalokati	33	3	179/636/9185	32	7	8/378/9614	36	-37	5070/499/4431
	Patuakhali	32	3	44/351/9605	32	7	20/237/9742	42	-48	4719/1014/4267
	Pirojpur	33	3	168/560/9272	31	6	0/295/9705	33	-27	5065/629/4306
Sylhet	Habiganj	32	1	2204/6284/1513	26	1	24/683/9293	122	44	869/1983/7148
	Maulvibazar	30	-1	2521/6702/776	25	0	107/478/9416	153	70	1189/3135/5676
	Sunamganj	30	0	1988/6563/1449	26	1	162/764/9075	99	-9	379/2771/6850
	Sylhet	29	-1	2724/5449/1827	25	1	232/666/9102	155	32	1179/2936/5885

1.6 Guidance

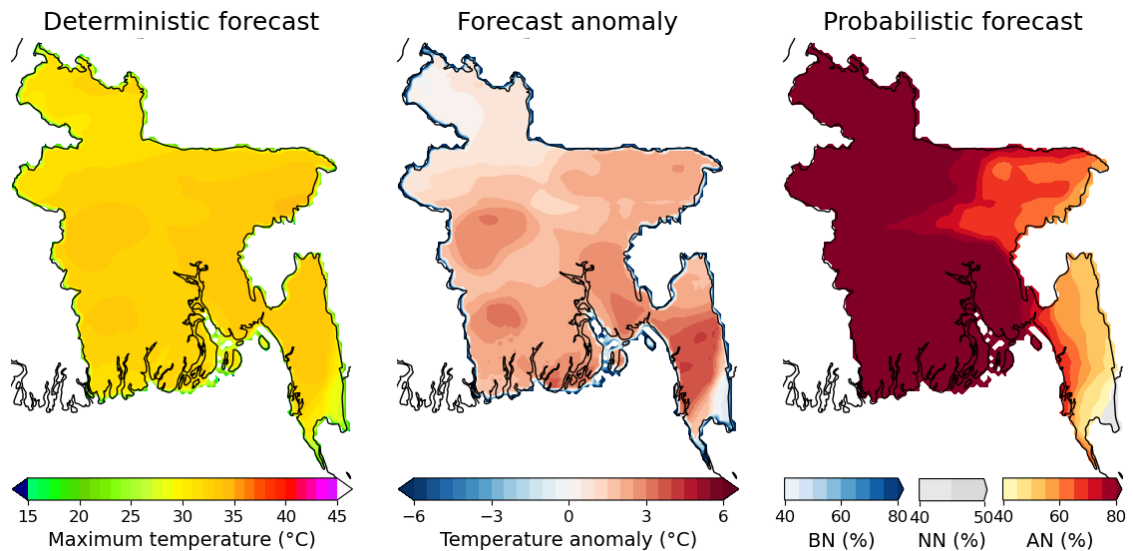
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2. Weather Forecast for week 2 (Period: 01.09.2023 to 07.09.2023)

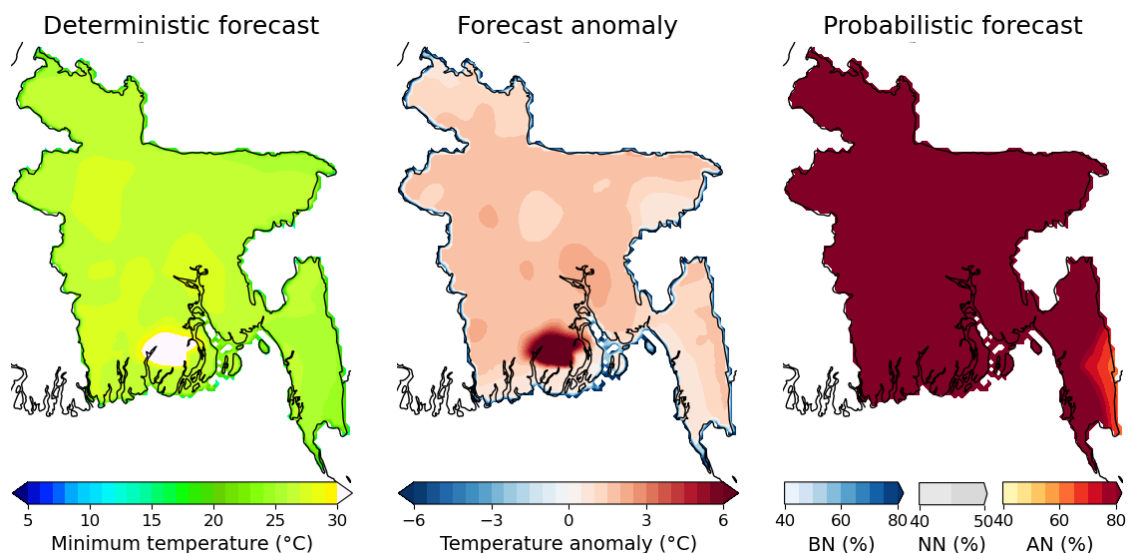
2.1 Significant Information

- Add here the text for significant information.

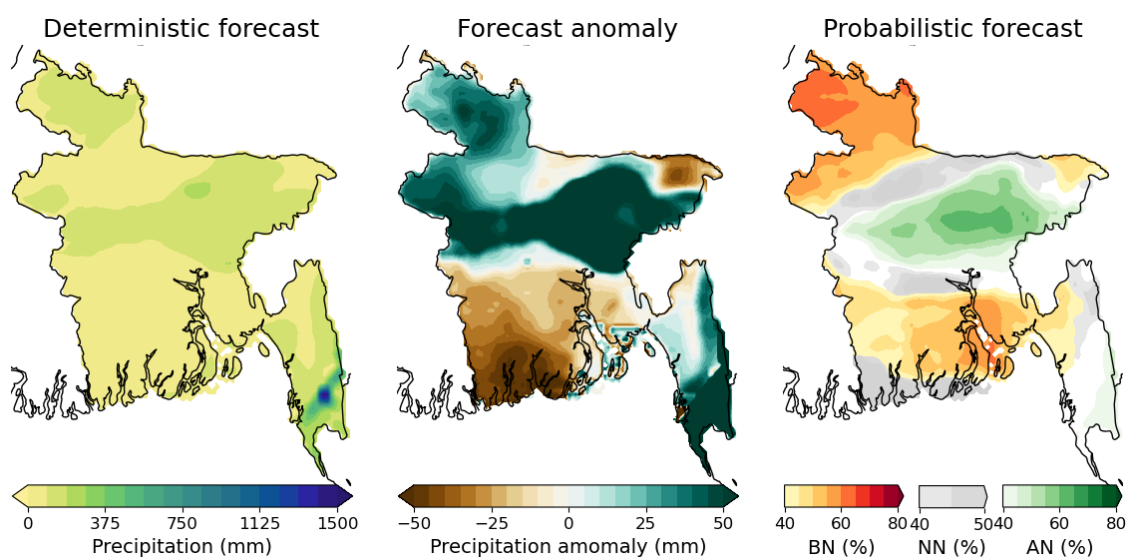
2.2 Maximum Temperature



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	33	2	190/1638/817 2	27	2	0/0/10000	76	23	2262/3042/469 6
	Faridpur	33	2	0/1733/8267	27	2	0/48/9952	29	-15	2798/4619/258 3
	Gazipur	33	2	825/1957/721 7	27	2	0/21/9979	125	68	2009/2136/585 6
	Gopalganj	33	2	0/1689/8311	27	2	0/92/9908	34	-18	4637/4083/128 0
	Kishoreganj	33	2	847/2339/681 5	27	2	0/6/9994	141	58	1642/2391/596 6
	Madaripur	33	2	0/1594/8406	27	2	0/23/9977	30	-22	4299/4321/138 0
	Manikganj	33	2	87/1766/8147	27	2	0/9/9991	58	8	2190/2750/506 0
	Munshiganj	33	2	0/1358/8642	27	2	0/0/10000	29	-19	2819/4048/313 3
	Narayanganj	34	3	221/1308/847 1	27	2	0/0/10000	100	47	2301/3393/430 6

	Narsingdi	33	2	836/2030/7134	27	2	0/0/10000	139	82	2043/2516/5441
	Rajbari	33	2	0/1557/8443	27	2	0/50/9950	55	8	2347/3334/4319
	Shariatpur	33	2	0/1202/8798	27	2	0/0/10000	30	-22	4334/4142/1523
Rajshahi	Bogra	32	1	41/1421/8538	27	2	1/45/9954	59	14	3599/4318/2083
	Joypurhat	31	1	115/1273/8612	27	2	1/58/9940	72	27	5269/2866/1864
	Naogaon	31	0	139/1155/8706	26	1	31/66/9903	81	33	5164/3042/1794
	Natore	33	2	9/1165/8826	27	2	6/64/9930	113	55	2419/4011/3569
	Nawabganj	30	0	217/822/8961	26	0	21/30/9948	85	38	5533/2536/1931
	Pabna	34	3	81/1416/8503	27	2	0/61/9939	111	49	2180/2829/4990
	Rajshahi	32	1	127/942/8931	26	1	38/29/9933	99	50	3879/3887/2235
	Sirajganj	33	2	162/1277/8561	27	2	0/14/9986	98	43	1948/3539/4513
Rangpur	Dinajpur	31	0	207/1153/8640	26	1	23/167/9811	100	33	5874/2162/1964
	Gaibandha	32	1	82/1056/8862	27	2	0/90/9910	72	28	5346/2537/2117
	Kurigram	31	0	94/1260/8647	26	1	27/274/9698	88	22	5824/2248/1928
	Lalmonirhat	31	0	230/1341/8429	25	0	65/435/9500	108	22	5713/2501/1786
	Nilphamari	32	0	300/1259/8442	26	1	50/344/9606	122	36	5934/2139/1926
	Panchagarh	30	-1	278/1318/8404	25	0	68/337/9596	92	16	6045/2060/1894
	Rangpur	31	1	180/1079/8741	27	2	13/243/9744	121	44	5657/2559/1784
	Thakurgaon	30	-1	285/1332/8384	25	0	51/292/9657	91	16	6107/1953/1940
Mymen-singh	Jamalpur	32	1	105/1343/8552	27	1	0/97/9903	48	8	3500/4232/2269
	Mymen-singh	33	2	484/1726/7790	27	2	16/175/9809	119	55	1864/3456/4681
	Netrakona	33	2	606/2390/7004	26	2	1/123/9875	131	50	1625/3621/4754
	Sherpur	32	1	166/1401/8434	26	1	0/171/9828	44	-4	3546/4316/2138
Chitta-gong	Bandarban	30	1	1598/3804/4599	25	1	550/1730/7720	320	226	2842/3192/3966
	Brahamanbaria	33	2	814/2282/6903	26	1	0/6/9994	148	88	2093/2879/5028
	Chandpur	33	3	0/1273/8727	27	2	0/0/10000	43	-16	4334/3576/2090
	Chittagong	32	2	462/3018/6520	25	0	48/420/9532	98	11	4116/4201/1682
	Comilla	34	3	81/1598/8321	27	2	0/4/9996	84	26	3385/3564/3051
	Cox's Bazar	30	1	429/3943/5629	24	-1	0/25/9975	213	100	3008/3307/3685
	Feni	33	2	80/2392/7527	25	1	0/0/10000	71	-5	4796/4045/1159
	Khagrachhari	33	1	1256/3166/5578	26	1	0/126/9874	74	-4	4212/4133/1654
	Lakshmipur	32	2	0/1258/8742	26	1	0/2/9998	55	-17	5726/3153/1121
	Noakhali	32	2	0/1349/8651	26	1	0/11/9989	63	-10	5156/3894/949
	Rangamati	32	2	1763/2949/5288	25	1	217/1327/8455	132	54	3109/3826/3066

Khulna	Bagerhat	32	2	0/875/9125	27	2	0/60/9940	31	-43	4341/4235/1425
	Chuadanga	33	2	0/1032/8968	26	1	0/120/9880	57	-8	3662/3956/2382
	Jessore	32	2	5/1436/8559	27	2	0/509/9491	37	-27	4582/3888/1530
	Jhenaidah	33	2	2/1119/8879	27	2	0/301/9699	48	-9	3735/3715/2550
	Khulna	33	3	0/894/9106	27	2	0/155/9845	34	-41	4083/4545/1371
	Kushtia	33	3	0/1007/8993	27	2	0/77/9923	111	52	2697/3597/3706
	Magura	33	2	0/1526/8474	27	2	0/101/9899	37	-17	3283/4023/2694
	Meherpur	31	0	0/1092/8908	25	0	0/100/9900	79	16	3660/3935/2405
	Narail	33	2	0/1468/8532	27	2	0/110/9890	34	-25	4365/4178/1457
	Satkhira	31	1	0/766/9234	26	1	0/385/9615	36	-38	3695/5126/1179
Barisal	Barguna	32	2	0/650/9350	28	2	0/40/9960	41	-49	4400/4368/1232
	Barisal	32	2	1/1286/8713	28	3	0/30/9970	44	-21	5217/3792/991
	Bhola	31	1	0/1111/8889	26	0	0/67/9933	78	-13	5360/3783/857
	Jhalokati	32	2	0/1214/8786	32	7	0/25/9975	43	-30	5220/3655/1125
	Patuakhali	32	2	6/880/9114	29	3	0/65/9935	66	-29	4482/4451/1068
	Pirojpur	32	2	0/1079/8921	30	5	0/65/9935	34	-36	5175/3632/1193
Sylhet	Habiganj	33	2	1088/2547/6365	26	1	0/10/9990	135	62	1649/2939/5411
	Maulvibazar	33	1	1476/2557/5967	25	0	14/86/9900	107	35	2683/3254/4063
	Sunamganj	32	2	636/2619/6745	26	1	4/92/9904	130	23	2433/3929/3638
	Sylhet	32	1	792/2719/6489	25	1	45/189/9766	79	-28	4274/3948/1778

2.6 Guidance

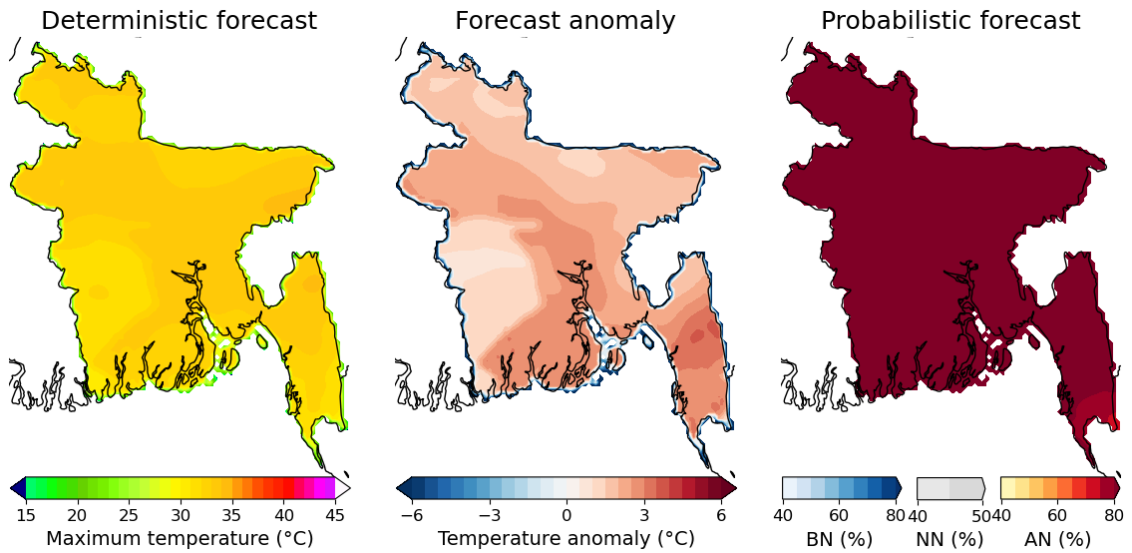
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 08.09.2023 to 21.09.2023)

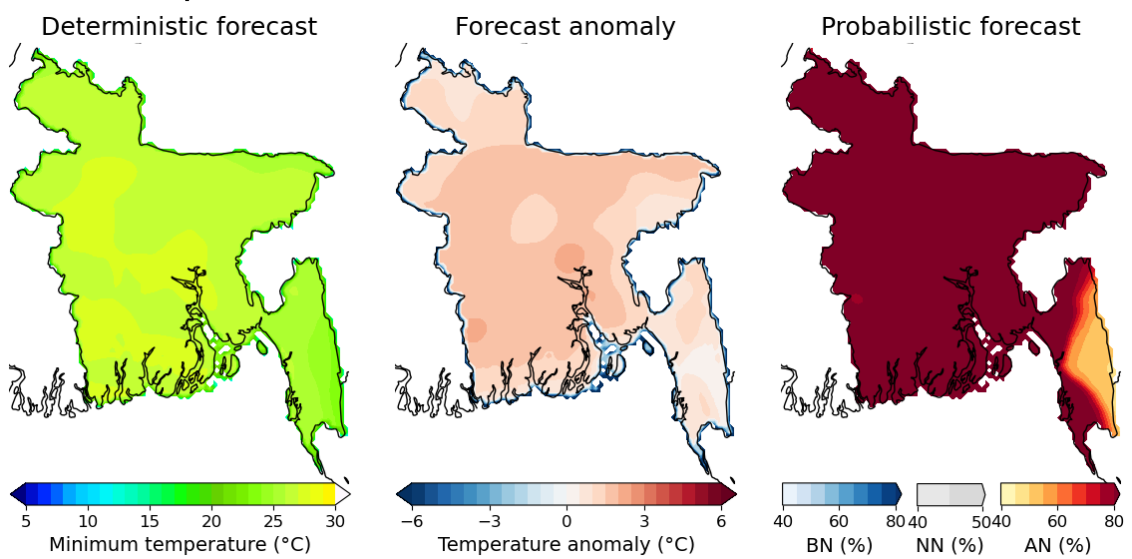
3.2 Significant Information

- Add here the text for significant information.

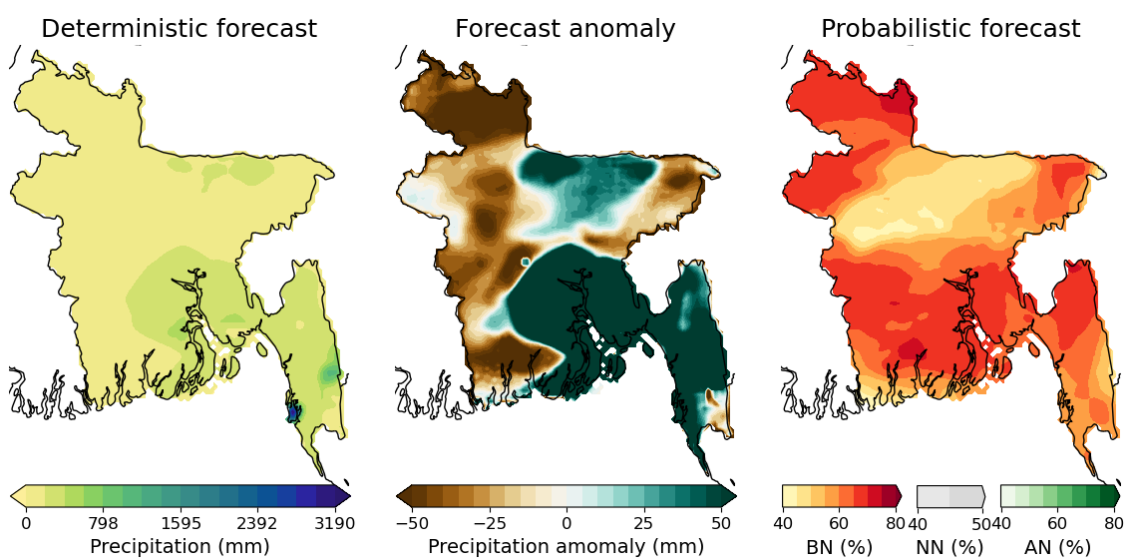
3.2 Maximum Temperature



3.3 Minimum Temperature



3.4 Rainfall



3.5 Forecast information at District level

Division	District	Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
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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	34	3	257/671/9072	27	2	0/230/9770	263	135	5917/2449/16 35
	Faridpur	32	1	227/545/9227	27	2	0/264/9736	208	103	6402/2238/13 60
	Gazipur	34	2	276/994/8729	27	2	0/273/9727	122	4	5315/2558/21 27
	Gopalganj	32	1	203/548/9249	27	2	0/268/9732	289	186	6618/2145/12 37
	Kishoreganj	33	2	309/791/8900	27	1	2/309/9690	144	16	5554/2339/21 07
	Madaripur	33	2	198/586/9216	27	2	0/260/9740	344	229	6662/1973/13 65
	Manikganj	33	2	274/841/8885	27	2	0/273/9727	104	-2	5659/2571/17 70
	Munshiganj	33	3	212/623/9165	27	2	0/214/9786	325	207	6412/2046/15 42
	Narayanganj	34	3	211/648/9141	27	2	0/200/9800	291	159	6229/2183/15 88
	Narsingdi	34	2	297/782/8921	27	2	0/245/9755	98	-21	5709/2515/17 76
	Rajbari	32	1	266/870/8863	27	2	0/223/9777	56	-42	6261/2210/15 29
	Shariatpur	33	3	188/710/9102	27	2	0/261/9739	323	212	6796/1686/15 18
Rajshahi	Bogra	33	2	315/769/8916	27	2	184/587/9229	47	-37	5575/2924/15 01
	Joypurhat	33	2	360/735/8905	27	2	53/572/9375	57	-27	6457/2061/14 82
	Naogaon	33	2	411/667/8922	26	1	0/628/9372	66	-25	6723/1699/15 78
	Natore	33	2	227/1090/868 4	27	2	0/714/9286	66	-34	4703/3658/16 38
	Nawabganj	32	1	323/710/8968	25	0	0/635/9365	94	-5	6796/1275/19 30
	Pabna	32	1	246/1004/875 0	27	2	0/419/9581	66	-40	4871/3428/17 01
	Rajshahi	33	2	304/789/8907	26	1	0/751/9249	94	-7	6225/1992/17 84
	Sirajganj	33	2	292/922/8786	27	2	4/584/9412	65	-27	4602/3605/17 94
Rangpur	Dinajpur	33	2	335/787/8878	26	1	0/418/9582	60	-54	6577/2405/10 18
	Gaibandha	33	2	248/825/8928	27	1	10/507/9483	52	-29	6218/2430/13 52
	Kurigram	32	1	325/908/8767	26	0	0/509/9490	32	-66	6949/1924/11 27
	Lalmonirhat	32	0	394/696/8910	25	0	0/554/9446	62	-68	6914/1983/11 03
	Nilphamari	33	1	349/733/8918	26	1	0/464/9536	85	-52	6789/2151/10 60
	Panchagarh	31	0	377/853/8770	25	0	47/471/9482	96	-47	6840/1985/11 75
	Rangpur	33	2	357/733/8910	26	1	0/453/9547	46	-67	6591/2351/10 58
	Thakurgaon	32	0	374/786/8841	25	0	0/333/9667	93	-38	6705/2147/11 48
Mymen- singh	Jamalpur	33	2	248/904/8848	27	1	230/528/9241	106	21	5132/3328/15 40
	Mymen- singh	33	2	305/948/8747	27	2	0/486/9514	172	35	4723/3429/18 48
	Netrakona	33	2	284/883/8833	27	2	10/346/9644	189	36	4773/3343/18 84
	Sherpur	32	1	271/890/8838	26	1	171/586/9243	166	60	5251/3212/15 37
Chitta- gong	Bandarban	31	2	375/1569/805 6	24	0	2298/1343/63 59	319	98	5825/2522/16 54

	Brahamanbaria	33	1	348/728/8924	26	1	0/237/9763	96	-20	5843/2620/1537
	Chandpur	34	3	196/761/9043	27	2	0/191/9809	278	166	6825/1586/1589
	Chittagong	32	2	242/957/8801	25	0	937/1016/8047	259	96	6258/1846/1896
	Comilla	33	2	287/653/9061	26	1	0/156/9844	283	148	6619/1716/1666
	Cox's Bazar	30	1	293/1466/8241	24	-1	41/280/9679	617	349	5844/2114/2042
	Feni	32	1	327/723/8950	25	0	0/216/9784	308	121	6510/1859/1632
	Khagrachhari	33	1	328/1183/8489	25	0	670/891/8439	239	59	6761/1594/1646
	Lakshmipur	32	2	171/944/8885	26	1	1/212/9788	313	180	6641/1958/1401
	Noakhali	32	2	199/830/8970	26	1	6/165/9829	278	147	6478/1865/1657
	Rangamati	32	2	258/1252/8490	24	0	2375/1671/5954	265	97	6212/2109/1679
Khulna	Bagerhat	32	2	195/751/9054	27	1	30/191/9779	102	-13	6361/2299/1339
	Chuadanga	31	0	221/746/9033	27	1	0/265/9735	67	-41	6576/1871/1552
	Jessore	32	1	287/554/9159	27	2	6/1537/8458	100	-22	6710/2335/954
	Jhenaidah	31	1	259/702/9039	27	1	0/556/9444	73	-39	6578/2062/1360
	Khulna	32	2	200/800/9000	27	2	44/289/9667	92	-24	6271/2537/1192
	Kushtia	32	1	252/1083/8665	27	2	0/348/9652	82	-25	5430/2831/1739
	Magura	32	1	287/541/9172	27	2	0/419/9581	73	-39	6749/2034/1217
	Meherpur	30	0	204/770/9025	26	0	0/228/9772	65	-38	6454/1793/1753
	Narail	32	1	246/542/9212	27	2	0/542/9458	157	52	6815/2132/1053
	Satkhira	30	0	222/780/8999	26	1	38/1233/8729	85	-28	5786/2796/1419
Barisal	Barguna	32	2	225/700/9075	27	1	7/202/9791	175	31	6178/2390/1433
	Barisal	33	3	258/701/9041	27	2	0/281/9719	353	235	6775/1872/1353
	Bhola	31	2	179/649/9172	26	0	35/220/9745	320	173	6507/1852/1641
	Jhalokati	33	3	308/621/9072	27	2	0/294/9706	247	123	6842/1897/1261
	Patuakhali	32	2	242/638/9120	27	1	22/209/9769	256	101	6242/2211/1547
	Pirojpur	33	3	280/663/9056	27	2	0/272/9728	179	61	6856/1926/1218
Sylhet	Habiganj	33	1	287/757/8955	26	1	0/299/9700	105	-18	5889/2390/1721
	Maulvibazar	33	1	249/848/8903	25	0	111/488/9401	109	-27	5984/2276/1740
	Sunamganj	32	2	245/912/8843	26	1	5/276/9719	204	25	5276/2747/1977
	Sylhet	32	1	305/1080/8616	25	1	52/389/9560	150	-36	6239/1671/2091

3.6 Guidance

- Add here the text for guidance.

Forecast legend

Rainfall category	Amounts of rainfall
<ul style="list-style-type: none">• Light rain• Moderate rain• Moderately Heavy• Heavy rain• Very heavy rain	2-20 mm/day 22-22 mm/day 23-43 mm/day Heavy rain: 44-88 mm/day Very heavy rain: ≥ 89 mm/day
Probabilistic values <ul style="list-style-type: none">• AN (%)• NN (%)• BN (%)	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">• Anomaly	The difference between the deterministic value and the climatology (Climatology = Deterministic - Anomaly)