



Weather Impact

WAGENINGEN
UNIVERSITY & RESEARCH



Issue Date: 15 September 2023

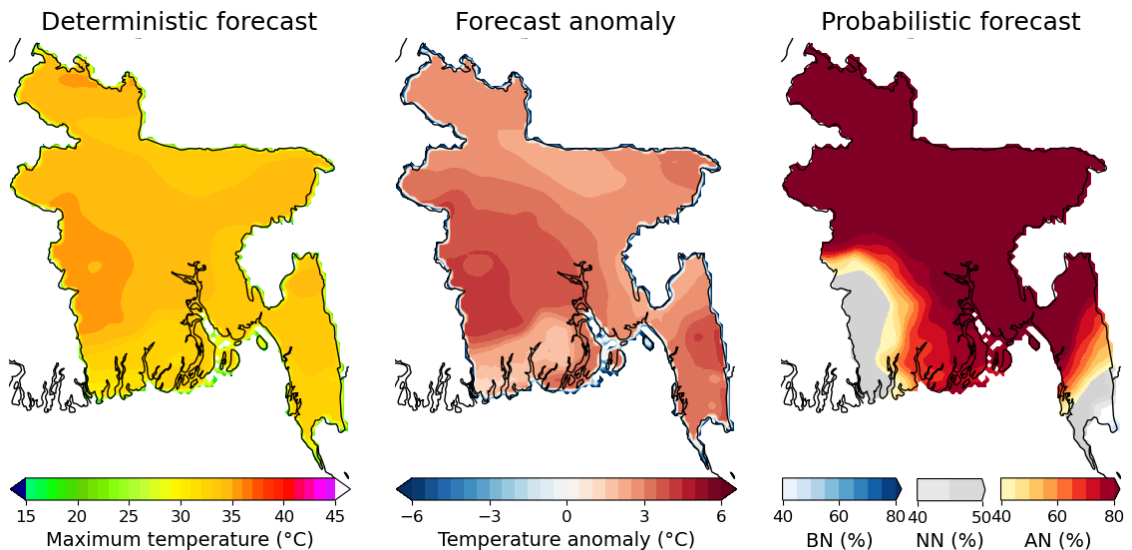
Subject: Experimental Sub-seasonal forecast for Bangladesh during 15.09.2023 to 12.10.2023

1. Weather Forecast for week 1 (Period: 15.09.2023 to 21.09.2023)

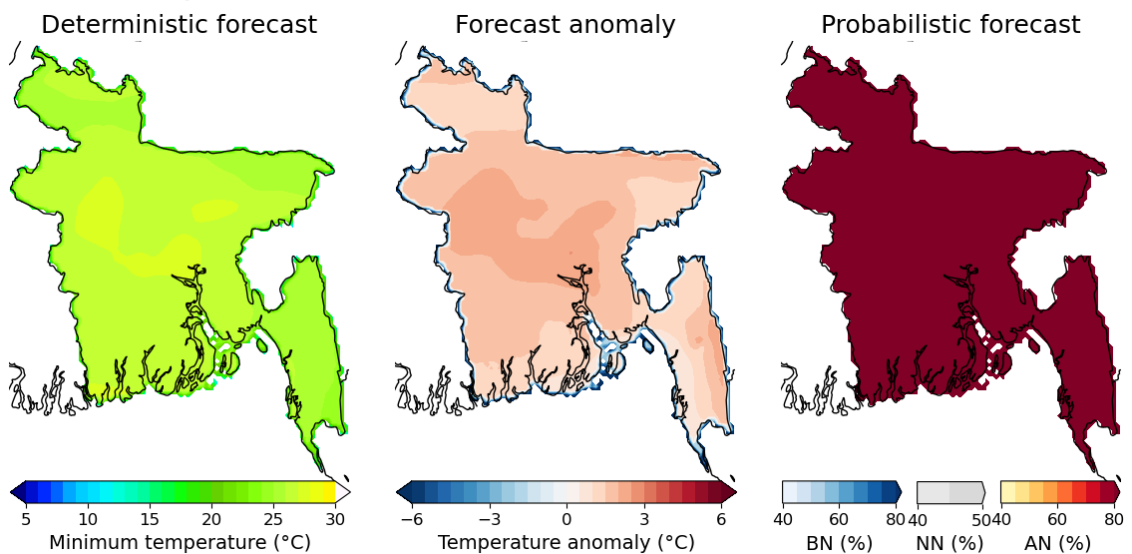
1.1 Significant Information

- Add here the text for significant information.

1.2 Maximum Temperature

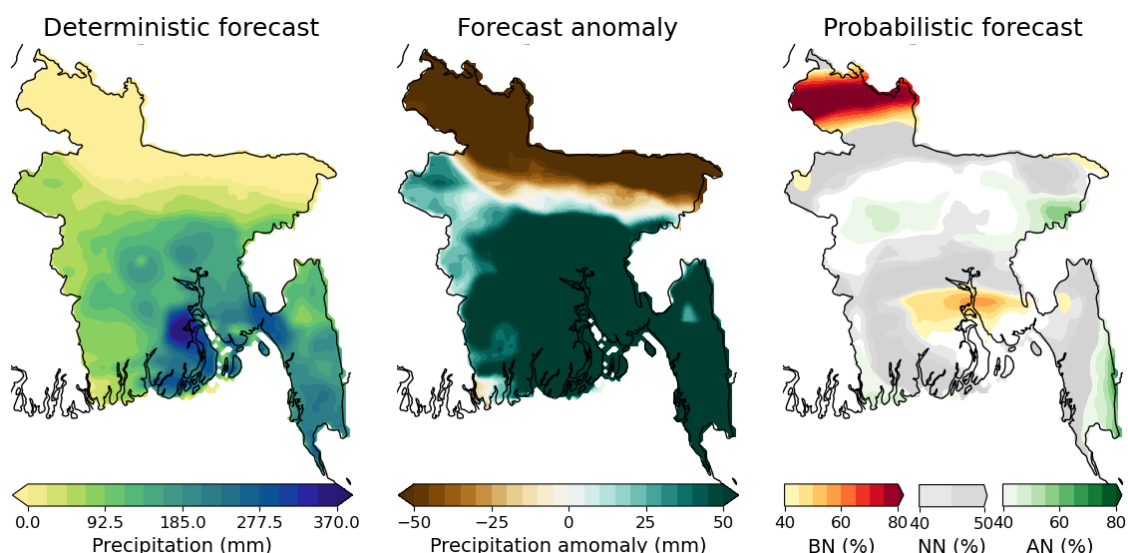


1.3 Minimum Temperature



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	0/1235/8765	27	2	0/53/9947	161	116	2022/5036/2941
	Faridpur	35	4	0/2489/7511	27	2	0/49/9951	153	113	2543/5490/1967
	Gazipur	34	3	0/969/9031	27	2	0/44/9956	149	108	1942/4205/3854
	Gopalganj	35	4	27/3217/6757	27	2	0/13/9987	153	99	4464/3568/1968
	Kishoreganj	34	3	0/802/9198	27	2	0/36/9964	67	17	2416/3822/3762
	Madaripur	35	4	7/1867/8126	27	2	0/14/9986	139	82	4403/3764/1833
	Manikganj	35	4	0/1527/8473	27	2	0/58/9942	143	104	2463/4398/3139
	Munshiganj	34	4	1/996/9003	27	2	0/43/9957	148	103	2564/5582/1853
	Narayanganj	34	3	0/627/9373	27	2	0/50/9950	172	129	1781/5515/2704
	Narsingdi	34	3	0/666/9334	27	2	0/50/9950	158	120	1943/4096/3961
	Rajbari	35	4	0/2546/7454	27	2	0/50/9950	132	95	2713/4541/2746
	Shariatpur	34	4	1/1104/8895	27	2	0/3/9997	166	112	4679/3604/1716
Rajshahi	Bogra	34	3	0/165/9835	27	2	0/3/9997	4	-29	3625/3378/2997
	Joypurhat	34	3	0/154/9846	26	2	0/0/10000	0	-44	3584/4960/1456
	Naogaon	34	2	0/183/9817	26	1	0/0/10000	44	18	3658/4826/1516
	Natore	35	4	0/434/9566	27	2	0/30/9970	52	15	2831/2899/4270
	Nawabganj	33	2	0/326/9674	25	1	0/0/10000	57	25	3891/5553/556
	Pabna	35	4	0/1694/8306	27	2	0/50/9950	97	57	2497/3566/3937
	Rajshahi	34	3	0/393/9607	26	1	0/5/9995	54	19	3106/3889/3005
	Sirajganj	35	3	0/800/9200	27	2	0/43/9957	60	29	3088/2742/4169
Rangpur	Dinajpur	34	2	0/104/9896	26	1	0/0/10000	0	-61	6104/3510/386

	Gaibandha	34	3	0/122/9878	26	2	0/0/10000	0	-56	3608/5632/760
	Kurigram	33	2	0/72/9928	25	1	0/0/10000	0	-74	5797/4158/45
	Lalmonirhat	33	1	0/90/9910	25	0	0/0/10000	0	-78	7410/2570/21
	Nilphamari	35	3	0/97/9903	26	1	0/0/10000	0	-73	7910/2088/2
	Panchagarh	33	1	0/73/9927	25	0	0/0/10000	0	-64	5308/4550/142
	Rangpur	34	3	0/104/9896	26	1	0/0/10000	0	-75	5326/4559/114
	Thakurgaon	33	2	0/126/9874	25	1	0/0/10000	0	-56	8101/1765/134
Mymensingh	Jalpur	34	2	0/296/9704	26	2	0/0/10000	0	-43	3555/3856/2589
	Mymensingh	34	2	0/569/9431	27	2	0/1/9999	32	-18	2731/3869/3400
	Netrakona	34	2	0/472/9528	26	2	0/0/10000	8	-53	2517/3754/3729
	Sherpur	33	2	0/218/9782	26	1	0/0/10000	0	-54	3367/4466/2167
Chittagong	Bandarban	32	3	1726/4528/3746	25	1	0/242/9758	202	151	625/4760/4615
	Brahamanbaria	33	2	0/569/9431	26	1	0/49/9951	123	79	2000/4071/3929
	Chandpur	34	3	31/894/9075	27	2	0/4/9996	173	125	4424/3698/1878
	Chittagong	32	2	142/1977/7881	25	0	0/86/9914	209	161	2174/5080/2747
	Comilla	33	2	39/643/9318	26	2	0/18/9982	168	123	3314/4363/2323
	Cox's Bazar	31	2	879/5426/3695	24	-1	0/96/9904	205	154	787/5830/3383
	Feni	32	1	95/932/8973	25	0	0/31/9969	263	193	3781/3479/2740
	Khagrachhari	33	2	49/949/9002	25	1	0/25/9975	117	60	3462/4562/1976
	Lakshmipur	33	3	93/1377/8530	26	1	0/8/9992	188	139	4509/2846/2645
	Noakhali	32	2	67/1420/8513	26	1	0/67/9933	192	147	3618/3444/2938
	Rangamati	33	2	214/2576/7210	25	1	0/137/9863	140	87	1502/4943/3556
Khulna	Bagerhat	33	2	130/4066/5804	26	1	0/306/9694	100	62	2109/5209/2683
	Chuadanga	35	4	7/4747/5246	26	2	0/35/9965	66	23	2643/3898/3459
	Jessore	35	4	49/6913/3038	26	2	0/5/9995	105	59	2748/4775/2477
	Jhenaidah	35	4	14/5610/4375	27	2	0/28/9972	81	34	2602/4478/2920
	Khulna	33	3	83/5709/4208	27	2	0/272/9728	80	42	2094/5192/2715
	Kushtia	35	4	0/2191/7809	27	2	0/50/9950	76	35	2389/3802/3809
	Magura	35	4	0/4502/5498	27	2	0/42/9958	108	63	2591/5471/1938
	Meherpur	34	2	0/2499/7501	25	1	0/49/9951	57	17	2517/3858/3625
	Narail	35	4	2/4987/5011	27	2	0/22/9978	127	84	3632/4546/1822
	Satkhira	32	2	59/6811/3131	26	1	0/269/9731	65	31	1834/4289/3876
Barisal	Barguna	32	2	118/2838/7044	26	1	0/176/9824	222	171	1233/5641/3126
	Barisal	33	3	86/1995/7919	26	2	0/0/10000	295	242	4157/3224/2619
	Bhola	32	2	55/2303/7642	25	0	0/115/9885	247	191	3232/3568/3199

	Jhalokati	32	2	154/2560/7286	26	1	0/4/9996	264	211	3620/3865/2515
	Patuakhali	32	2	86/2458/7456	26	1	0/142/9858	239	180	2005/4780/3215
	Pirojpur	33	2	183/2757/7060	26	1	0/44/9956	154	105	3282/4240/2479
Sylhet	Habiganj	34	2	0/678/9322	26	1	0/21/9979	57	5	1497/4049/4453
	Maulvibazar	34	2	0/622/9378	25	0	0/0/10000	34	-21	1424/3762/4814
	Sunamganj	33	2	0/349/9651	25	1	0/0/10000	0	-68	2506/4615/2879
	Sylhet	33	2	0/351/9649	25	1	0/0/10000	0	-66	3155/4554/2292

1.6 Guidance

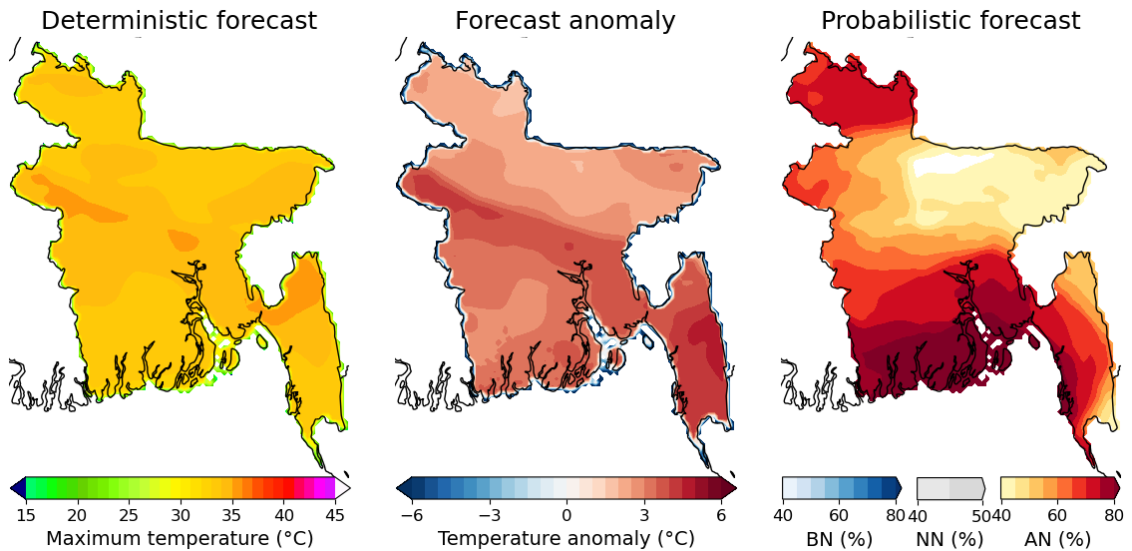
- Add here the text for guidance.

2. Weather Forecast for week 2 (Period: 22.09.2023 to 28.09.2023)

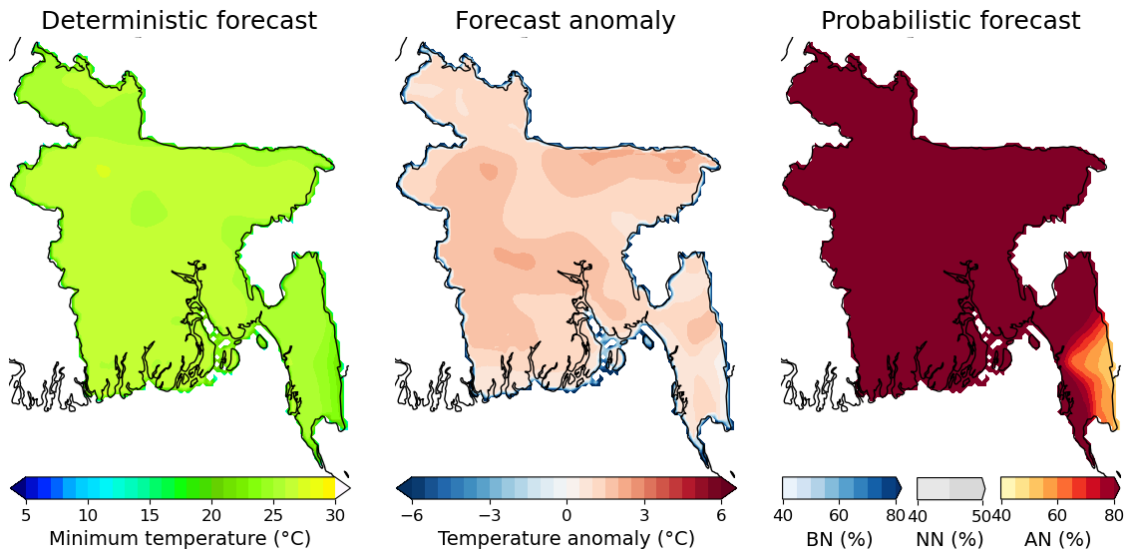
2.1 Significant Information

- Add here the text for significant information.

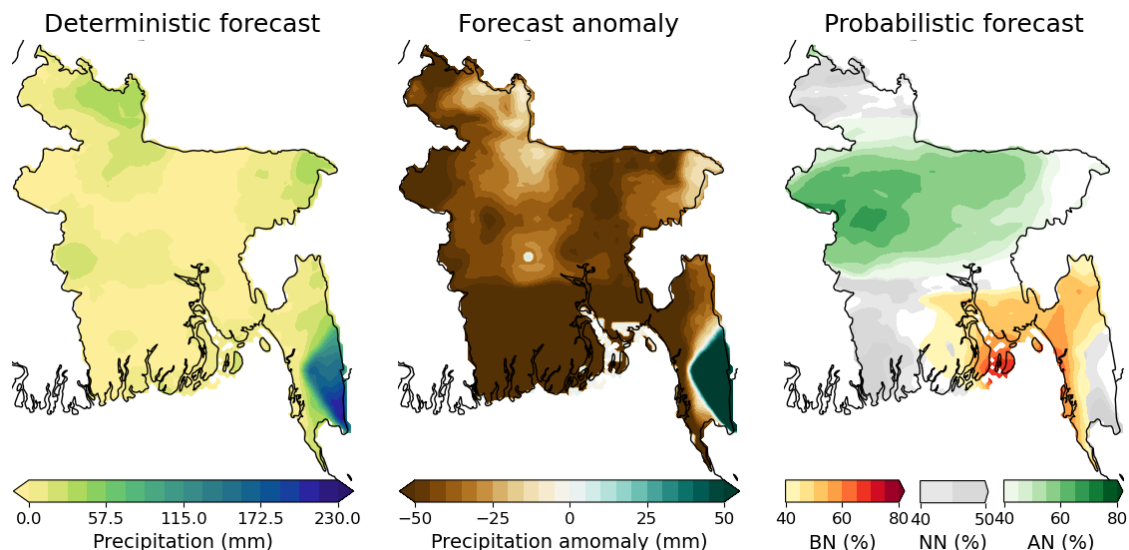
2.2 Maximum Temperature



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	1254/2924/58 22	27	2	0/70/9930	0	-42	2176/2735/508 9
	Faridpur	34	3	557/2892/655 1	27	2	0/115/9885	6	-33	1892/4050/405 8
	Gazipur	34	3	1904/3077/50 19	26	1	0/44/9956	0	-44	2104/2558/533 8
	Gopalganj	34	3	121/2639/724 0	26	2	0/114/9886	0	-67	3532/4057/241 2
	Kishoreganj	34	2	2675/2774/45 51	26	1	0/40/9960	0	-51	2115/2642/524 3
	Madaripur	34	3	99/2673/7228	26	2	0/61/9939	0	-55	3871/3502/262 7
	Manikganj	35	4	1477/2883/56 41	26	2	0/138/9862	4	-32	2006/2459/553 6
	Munshiganj	34	4	254/2735/701 1	27	2	0/53/9947	0	-41	2727/3197/407 6
	Narayanganj	35	4	935/2762/630 2	27	2	0/53/9947	0	-47	2329/2941/473 0
	Narsingdi	34	3	1614/3086/53 00	26	1	0/47/9953	0	-49	2100/2833/506 7
	Rajbari	34	3	1106/2876/60 18	27	2	0/140/9860	3	-35	1731/2991/527 8
	Shariatpur	34	3	113/2529/735 8	26	2	0/50/9950	0	-52	3886/3652/246 3
Rajshahi	Bogra	34	3	2204/2495/53 00	27	2	29/275/9695	12	-32	1516/2495/598 8
	Joypurhat	34	2	1251/3153/55 96	26	2	50/367/9584	2	-41	1945/2610/544 5
	Naogaon	33	2	1140/2751/61 10	26	1	49/330/9621	0	-48	1593/2764/564 2
	Natore	35	4	1872/2373/57 55	27	2	2/238/9761	0	-42	1435/2130/643 6
	Nawabganj	33	2	636/2850/651 4	25	0	40/239/9720	0	-56	1215/3104/568 2
	Pabna	35	4	1909/2696/53 94	27	2	0/169/9831	0	-44	1554/2178/626 9
	Rajshahi	34	3	1323/2399/62 78	26	1	11/218/9771	0	-51	1313/2328/635 9
	Sirajganj	34	3	2572/2266/51 62	26	1	0/174/9826	0	-37	1695/2190/611 5

Rangpur	Dinajpur	33	2	960/2094/694 6	26	1	73/418/9509	7	-43	2349/4275/337 6
	Gaibandha	34	2	956/3264/578 0	26	1	50/420/9530	18	-26	1794/3442/476 4
	Kurigram	33	1	1005/1887/71 08	25	0	82/577/9341	29	-20	2653/4006/334 0
	Lalmonirhat	32	1	1012/1921/70 67	25	0	118/586/9297	28	-27	3163/4069/276 9
	Nilphamari	34	2	960/1950/709 0	26	1	114/498/9388	24	-29	3007/4453/254 1
	Panchagarh	32	1	1082/1967/69 50	24	0	136/465/9399	7	-62	1860/4739/340 1
	Rangpur	34	2	880/2057/706 3	26	1	54/490/9456	23	-33	2369/3971/366 0
	Thakurgaon	33	1	1179/1815/70 06	25	0	179/469/9352	4	-51	2981/4582/243 7
Mymen- singh	Jamalpur	34	2	2354/3166/44 80	26	1	15/350/9635	12	-22	1462/2994/554 4
	Mymen- singh	34	2	2812/2952/42 36	27	2	0/162/9838	0	-42	1935/2412/565 2
	Netrakona	34	2	2950/2857/41 93	26	2	0/181/9819	0	-49	1853/2475/567 2
	Sherpur	33	2	2458/3316/42 27	26	1	0/345/9655	10	-24	1619/2867/551 3
Chitta- gong	Bandarban	33	4	1288/2504/62 08	24	0	1186/2552/62 63	140	78	3603/4429/196 8
	Brahamanba ria	34	2	1687/3105/52 08	25	1	0/45/9955	0	-47	2756/2509/473 4
	Chandpur	34	3	129/2339/753 1	26	2	0/50/9950	3	-52	3698/3881/242 1
	Chittagong	33	3	571/1980/744 9	25	0	211/1263/852 6	19	-45	5266/3776/957
	Comilla	35	3	589/2109/730 2	26	1	0/98/9902	0	-51	3487/3405/310 7
	Cox's Bazar	32	2	560/1951/748 9	24	0	1/585/9414	15	-54	4972/3919/110 9
	Feni	34	3	592/1934/747 4	25	0	0/41/9959	0	-74	5124/3554/132 2
	Khagrachha ri	35	3	912/2979/610 9	25	0	0/700/9300	6	-54	5208/3493/129 9
	Lakshmipur	34	3	115/1901/798 4	26	1	0/38/9962	0	-63	5106/3518/137 6
	Noakhali	33	3	216/1712/807 2	26	1	0/38/9962	6	-58	5406/3455/113 9
	Rangamati	34	3	1349/2626/60 25	24	1	533/1995/747 2	46	-8	4386/3663/195 1
Khulna	Bagerhat	33	3	82/1664/8255	26	1	0/117/9883	0	-68	3111/4100/279 0
	Chuadanga	34	3	1099/2434/64 67	26	1	0/172/9828	18	-49	1411/3295/529 4
	Jessore	34	3	909/2344/674 7	26	1	0/123/9877	0	-58	2212/4372/341 6
	Jhenaidah	34	3	1087/2496/64 18	26	2	0/169/9831	9	-44	1641/3723/463 6
	Khulna	33	3	192/1931/787 8	26	1	0/121/9879	0	-69	2373/4640/298 7
	Kushtia	34	3	1258/2801/59 41	27	2	0/225/9775	7	-43	1354/2586/606 0
	Magura	34	3	1060/2454/64 86	27	2	0/160/9840	2	-44	1709/4219/407 2
	Meherpur	33	2	1139/2506/63 55	25	0	0/235/9765	15	-49	1294/2874/583 2
	Narail	34	3	353/2550/709 8	26	2	0/157/9843	0	-67	2667/4519/281 4
Satkhira	33	2	299/2045/765 6	26	1	0/94/9906	0	-65	2033/5047/292 0	
Barisal	Barguna	33	3	5/696/9299	26	1	0/74/9926	2	-79	3830/3879/229 2

	Barisal	34	3	81/2241/7677	26	1	0/64/9936	0	-67	4425/3545/2030
	Bhola	32	2	83/937/8980	25	0	0/50/9950	5	-72	5569/3364/1066
	Jhalokati	34	3	46/1667/8287	26	1	0/95/9905	0	-73	4144/3904/1952
	Patuakhali	33	3	47/656/9297	26	1	0/40/9960	0	-84	4225/4315/1460
	Pirojpur	34	3	47/1706/8247	26	1	0/103/9897	0	-70	3911/3764/2325
Sylhet	Habiganj	34	2	2964/2841/4196	26	1	0/57/9943	5	-37	2562/2751/4687
	Maulvibazar	33	1	3046/2714/4240	25	0	0/88/9912	16	-27	3036/3173/3791
	Sunamganj	33	2	2874/2684/4442	26	2	0/222/9778	5	-46	2162/2654/5183
	Sylhet	33	2	2673/2701/4626	25	1	0/153/9847	21	-30	2765/3413/3823

2.6 Guidance

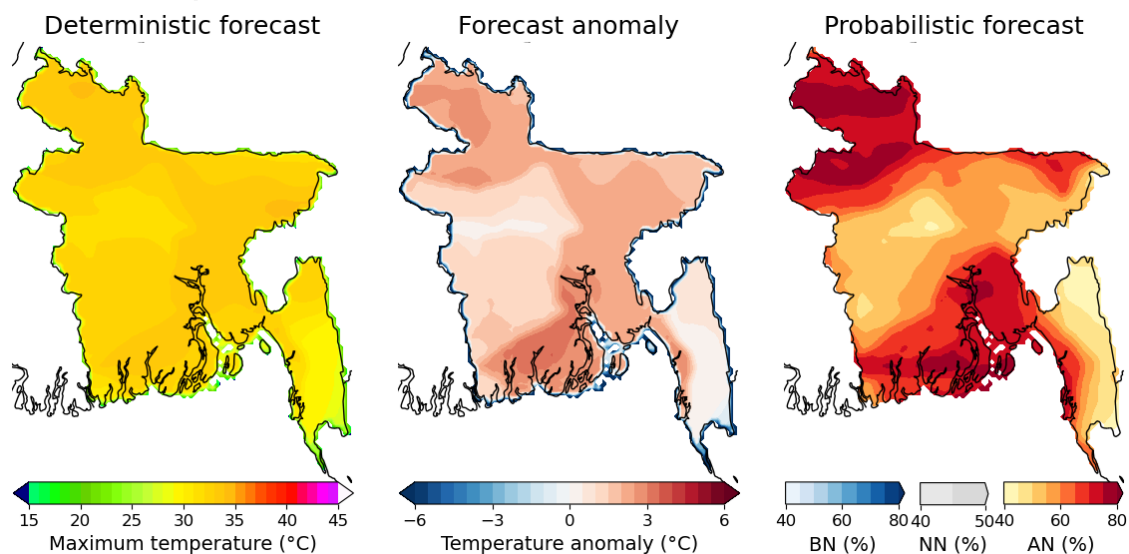
- Add here the text for guidance.

3. Weather Outlook for week 3+4 (Period: 29.09.2023 to 12.10.2023)

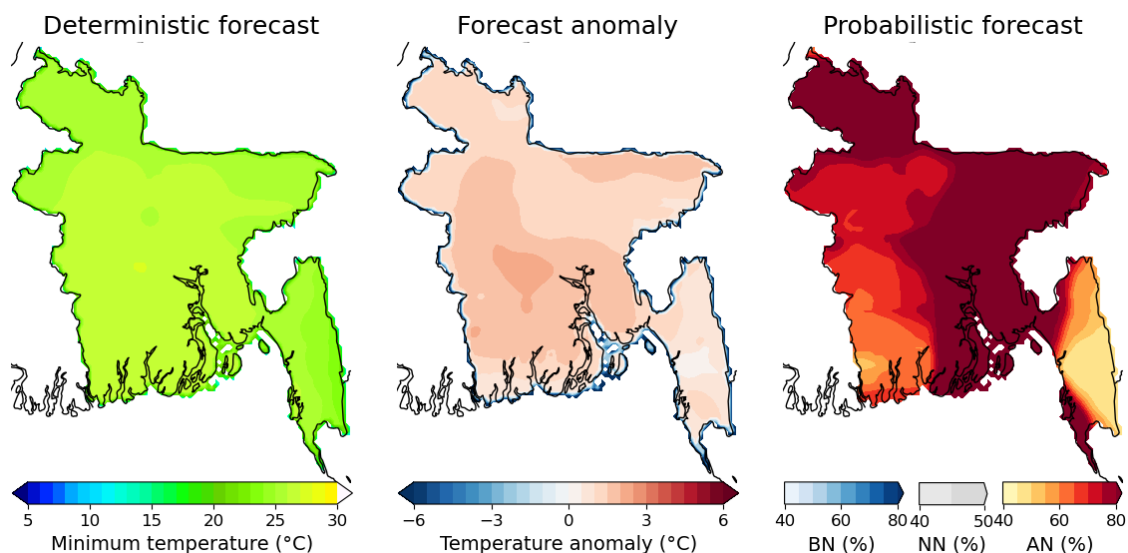
3.2 Significant Information

- Add here the text for significant information.

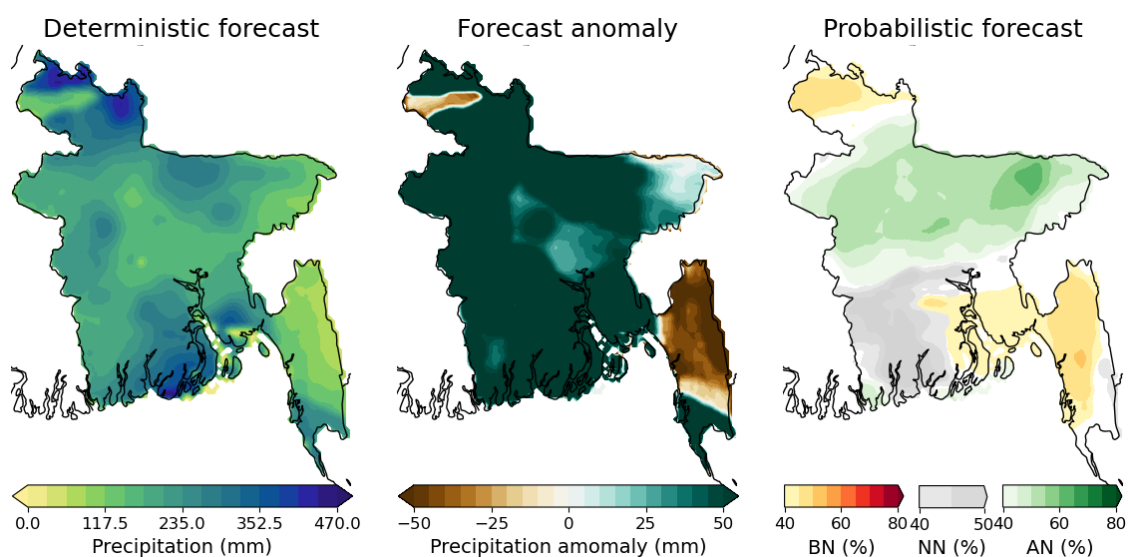
3.2 Maximum Temperature



3.3 Minimum Temperature



3.4 Rainfall



3.5 Forecast information at District level

Division	District	Maximum Temperature (°C)			Minimum Temperature (°C)			Rainfall (mm)		
		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	842/3385/577 3	27	2	496/686/8818	160	33	2249/3530/42 21
	Faridpur	32	1	448/3990/556 2	27	2	564/1801/763 5	170	79	2311/4596/30 93
	Gazipur	33	2	1133/3403/54 64	26	1	529/734/8738	166	35	1790/3348/48 62
	Gopalganj	32	1	228/3823/594 9	27	2	323/2224/745 2	251	89	3582/4284/21 34
	Kishoreganj	34	2	862/3580/555 8	26	1	509/601/8889	220	74	1821/2910/52 69
	Madaripur	33	2	227/3267/650 6	27	2	82/1550/8368	238	108	3969/3802/22 29
	Manikganj	32	1	1170/3453/53 77	26	2	565/894/8541	156	52	2084/3310/46 07
	Munshiganj	33	2	255/3155/659 0	27	2	144/727/9129	167	41	2660/4354/29 86
	Narayanganj	33	2	407/3137/645 6	27	2	144/707/9149	166	34	2306/3830/38 64
	Narsingdi	33	2	765/3461/577 4	26	1	290/649/9061	171	41	2226/3098/46 76

	Rajbari	32	1	962/3743/529 5	27	2	606/2027/736 7	174	81	1989/3701/43 11
	Shariatpur	34	3	235/2625/714 0	26	2	51/879/9070	207	79	3839/3862/22 99
Rajshahi	Bogra	33	2	629/2346/702 5	26	2	988/1699/731 3	188	77	2202/2683/51 15
	Joypurhat	33	2	244/2208/754 7	26	1	802/1270/792 8	245	120	2282/3034/46 84
	Naogaon	32	2	509/1993/749 8	25	1	905/1611/748 4	207	96	2329/3127/45 44
	Natore	32	1	948/3032/602 0	26	2	1022/1838/71 40	218	100	1951/2921/51 28
	Nawabganj	31	0	665/1977/735 8	25	0	1014/1471/75 15	179	84	2570/3258/41 72
	Pabna	32	1	1394/3531/50 75	27	2	859/1724/741 7	224	96	2011/3075/49 14
	Rajshahi	31	1	740/2728/653 2	25	1	1027/1768/72 04	179	85	2218/2840/49 43
	Sirajganj	32	1	982/3620/539 8	26	2	910/1761/732 9	168	52	1802/3040/51 58
Rangpur	Dinajpur	33	2	201/2307/749 1	25	1	140/1162/869 8	248	94	3856/2532/36 12
	Gaibandha	33	2	298/2246/745 7	26	1	366/1345/829 0	263	128	2584/2607/48 09
	Kurigram	32	1	286/2268/744 6	25	0	117/968/8915	355	169	3602/2411/39 87
	Lalmonirhat	32	1	285/2245/747 0	24	0	204/1000/879 7	356	160	4165/2441/33 94
	Nilphamari	34	2	246/2252/750 2	26	1	212/1041/874 7	234	59	4569/1855/35 76
	Panchagarh	32	1	396/2451/715 3	24	0	191/1567/824 1	368	188	4360/2083/35 57
	Rangpur	33	2	192/2336/747 2	26	1	110/1062/882 8	313	144	3614/2543/38 43
	Thakurgaon	33	1	367/2030/760 2	25	0	197/1060/874 3	225	65	4870/1630/35 00
Mymen- singh	Jamalpur	33	2	727/2675/659 9	26	1	836/1574/759 0	201	81	2191/2737/50 72
	Mymen- singh	33	2	927/3211/586 2	26	1	628/1243/812 8	244	106	1358/3496/51 46
	Netrakona	33	2	800/3404/579 6	26	2	518/894/8588	246	95	1089/3544/53 67
	Sherpur	32	2	932/2514/655 3	25	1	749/1608/764 3	238	103	2210/2471/53 19
Chitta- gong	Bandarban	28	0	1478/3536/49 86	24	0	2340/2592/50 68	158	8	3629/3364/30 07
	Brahamanba ria	33	2	751/3437/581 2	25	1	376/558/9066	170	46	2598/3181/42 21
	Chandpur	33	2	294/2225/748 1	26	2	53/840/9107	186	59	3871/3543/25 87
	Chittagong	31	1	647/2897/645 6	25	0	1131/2395/64 74	139	-25	4655/2570/27 75
	Comilla	33	2	348/2506/714 6	26	1	154/816/9031	196	60	3537/3517/29 46
	Cox's Bazar	28	-1	794/3012/619 4	24	0	89/1333/8578	238	70	3973/2741/32 86
	Feni	32	1	651/2658/669 2	25	0	293/858/8848	232	61	4408/3297/22 95
	Khagrachha ri	31	0	996/4403/460 0	25	0	694/2494/681 1	98	-48	4787/2223/29 90
	Lakshmipur	32	2	439/2234/732 7	26	1	10/549/9441	251	94	4298/3009/26 93
	Noakhali	32	2	412/2336/725 1	26	1	13/571/9416	217	74	4267/2735/29 98
Rangamati	30	0	868/4444/468 8	24	0	1779/2968/52 53	83	-56	4242/2525/32 33	
Khulna	Bagerhat	33	2	399/2722/687 9	26	1	452/3209/633 9	250	82	2458/5170/23 72

	Chuadanga	32	1	972/3585/544 3	26	1	1070/2130/68 00	227	137	2393/3358/42 49
	Jessore	32	1	868/3977/515 6	26	1	791/2661/654 8	192	75	2443/4982/25 75
	Jhenaidah	32	1	1008/3636/53 55	26	2	997/2212/679 1	219	120	2163/3766/40 71
	Khulna	32	2	455/3095/645 0	27	2	734/3000/626 7	207	56	2445/4919/26 36
	Kushtia	32	1	1187/3660/51 53	26	2	1006/1917/70 78	224	110	2138/2900/49 62
	Magura	32	1	825/3874/530 1	27	2	622/2528/685 0	187	86	2136/4405/34 59
	Meherpur	31	0	940/3387/567 3	25	0	1041/1655/73 05	215	124	2311/3347/43 42
	Narail	32	1	499/3975/552 6	27	2	604/2435/696 1	199	63	2908/4894/21 98
	Satkhira	31	1	630/3240/613 0	26	1	1016/2895/60 89	198	54	2476/4102/34 23
Barisal	Barguna	33	3	367/2321/731 2	26	1	159/2088/775 2	333	132	2573/4694/27 34
	Barisal	33	3	376/2683/694 0	26	2	19/1026/8954	266	115	4069/3936/19 95
	Bhola	31	1	377/2163/746 0	25	0	0/296/9704	276	84	4119/2744/31 37
	Jhalokati	34	3	330/2814/685 7	26	2	114/1595/829 2	291	119	3682/4278/20 40
	Patuakhali	32	2	401/2286/731 3	26	1	16/457/9527	345	130	3305/3683/30 12
	Pirojpur	34	3	343/2560/709 8	26	2	418/2889/669 3	278	104	3156/4803/20 40
Sylhet	Habiganj	33	2	724/3902/537 4	26	1	496/907/8597	148	40	2343/2716/49 41
	Maulvibazar	33	1	530/4104/536 6	25	0	520/1359/812 1	118	20	2968/2877/41 56
	Sunamganj	32	2	590/3177/623 3	25	1	354/916/8730	189	37	1728/2498/57 74
	Sylhet	31	1	711/2965/632 3	25	1	428/1279/829 3	145	4	2858/2310/48 32

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)