

National Climate Bulletin and the assessment of the MedCOF/SEECOF Climate outlook for BULGARIA for previous season (winter 2023)

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synop	lat	lon	name	T winter degC				R winter mm			
				0,33	0,5	0,67	observed	0,33	0,5	0,67	observed
15502	43,9942	22,8525	Vidin	0,1	0,8	1,3	3,7	87	122	163	135
15549	43,5661	26,5078	Razgrad	0,2	0,9	1,9	4,3	106	121	143	104
15552	43,2125	27,9522	Varna	3,0	3,4	4,1	6,8	86	118	135	56
15655	42,4975	27,4825	Burgas	3,4	4,1	4,5	7,1	97	126	154	63
15640	42,6775	26,3397	Sliven	2,6	3,2	3,7	6,4	88	115	153	103
15730	41,6467	25,3853	Kardjali	2,3	3,3	3,8	6,1	142	169	209	255
15712	41,55	23,2672	Sandanski	3,6	4,3	5,0	7,0	85	113	161	126
15614	42,65	23,3833	Sofia	-0,2	0,5	1,5	3,7	83	122	138	102

The table above contains data for observed mean seasonal temperature and seasonal rainfall for selected synop stations in Bulgaria compared to percentiles for the period 1991-2020. The table below gives comparison between forecast and outcome for the winter season of 2023 together with short text for extreme events.

Country	Seasonal temperature DJF 2023		Seasonal precipitation DJF 2023		High Impact Events
	Observed	MedCOF/SEECOF climate outlook for temperature	Observed	MedCOF/SEECOF climate outlook for precipitation	
Bulgaria	Above normal	Near or above normal	Near or below normal	No signal	The winter of 2023 was very warm – among the warmest for the last 20 years. December 2022 and February 2023 was even drier. January 2023 was marked by heavy rain in part of Central Bulgaria which lead to local floods. There was a state of emergency declared in a number of municipalities in South central Bulgaria. The zonality of the winter circulation favored strong wind events and there was a number of them in all three winter months. The biggest snow event was in February but it was not exceptional.