FEDERAL HYDROMETEOROLOGICAL INSTITUTE OF BOSNIA AND HERZEGOVINA

CLIMATOLOGICAL ANALYSIS

SEASON

SUMMER 2026



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BOSNIA AND HERZEGOVINA
FEDERATION OF BOSNIA AND HERZEGOVINA
FEDERAL HYDROMETEOROLOGICAL INSTITUTE

CLIMATOLOGICAL ANALYSIS SEASON SUMMER 2025

Sarajevo, October 2026

Mean air temperatures during the climatological summer 2026 (1st June – 31st August 2026) ranged between 22.0 °C in Bugojno and Drvar to 28.7 °C in Mostar. On the mountain areas air temperatures were in the range of 12.7 °C on Bjelasnica to 18.9 °C on Karaula. Temperature deviations from the normal values during the summer, which covers the period (1991-2020) were above normal. Deviation of the mean temperature than the average summer temperature ranged from 1.8 °C on Ivan-sedlo to 3.4 °C in Gradacac. By percentage temperature values are classified into the category of very warm and extremely warm.

STATION	DEVIATION (1991-2020.)					PERCENTILES
	mnv	*JUNE*	*JULY*	*AUGUST*	*SUMMER*	
Bihać	*246*	2,9	1,9	5,1	3,3	100
Bjelašnica	*2067*	2,4	0,6	4,1	2,4	97
Bugojno	*562*	2,8	1,2	4,0	2,7	100
Drvar	*485*	2,7	1,4	3,7	2,6	100
Gradačac	*225*	3,2	1,9	5,1	3,4	100
Ivan-sedlo	*970*	1,6	0,2	3,2	1,8	95
Jajce	*428*	2,7	1,5	4,3	2,8	100
Livno	*724*	2,5	1,1	3,4	2,4	95
Mostar	*99*	3,6	1,6	4,7	3,3	100
Neum	*9*	2,5	1,3	3,2	2,3	100
Sarajevo	*630*	2,0	0,7	4,3	2,3	95
Sanski Most	*154*	2,3	1,2	3,4	2,3	96
Tuzla	*305*	2,7	0,9	4,0	2,5	97
Zenica	*345*	2,6	0,8	3,5	2,3	95

Table 1 Deviation of mean summer air temperature in relation to the climatological standard normal and the corresponding percentiles

STATION	MONTH			STATION	MONTH		
	June	July	August		June	July	August
Bihac				**Livno**			
Bjelasnica				**Mostar**			
Bugojno				**Neum**			
Drvar				**Sarajevo**			
Gradacac				**Sanski Most**			
Ivan-sedlo				**Tuzla**			
Jajce				**Zenica**			

extremely warm	very warm	warm	normal	cold	very cold	extremely cold

Table 2 Overview of mean air temperature categories during the summer months by the percentile method

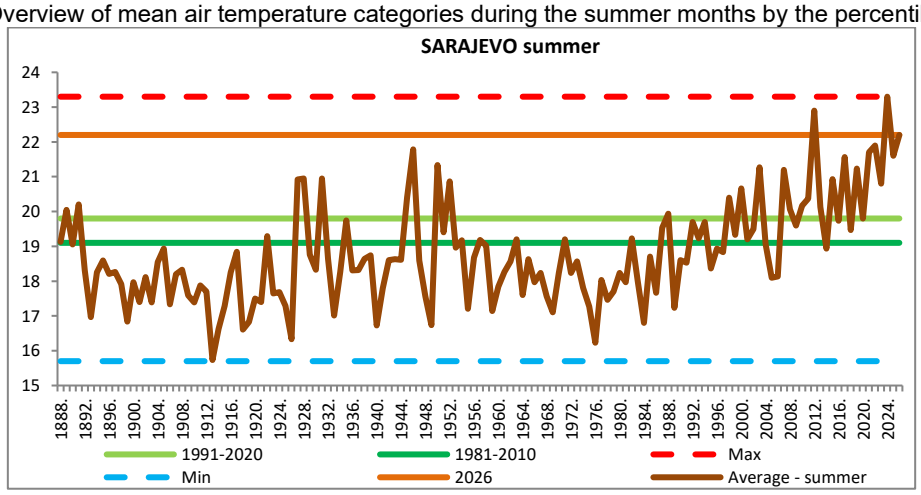
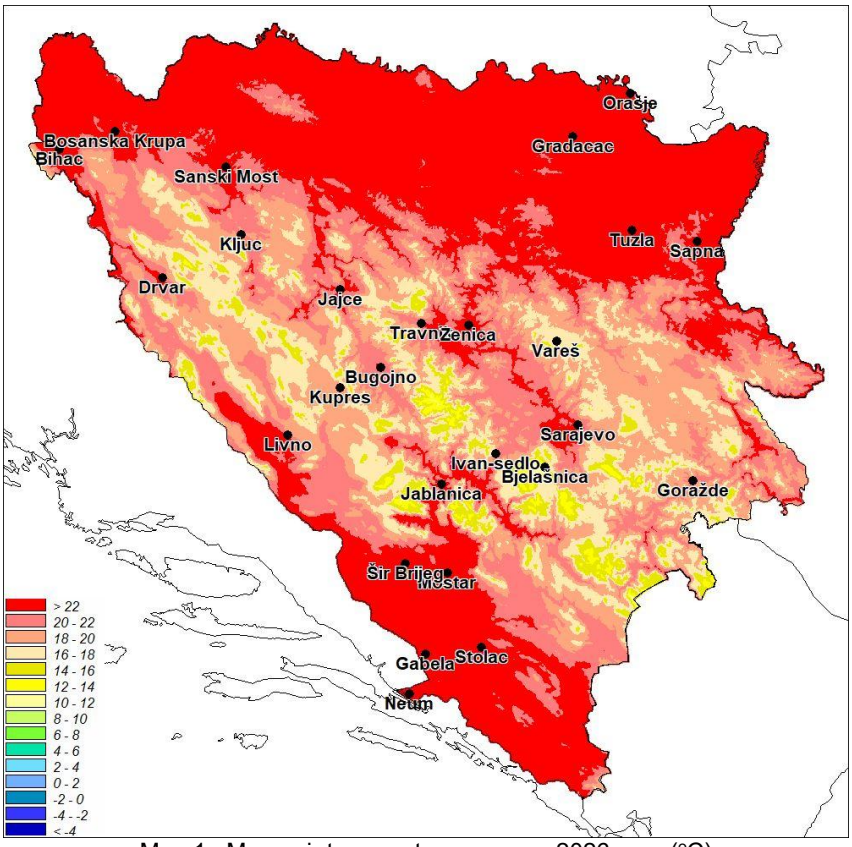
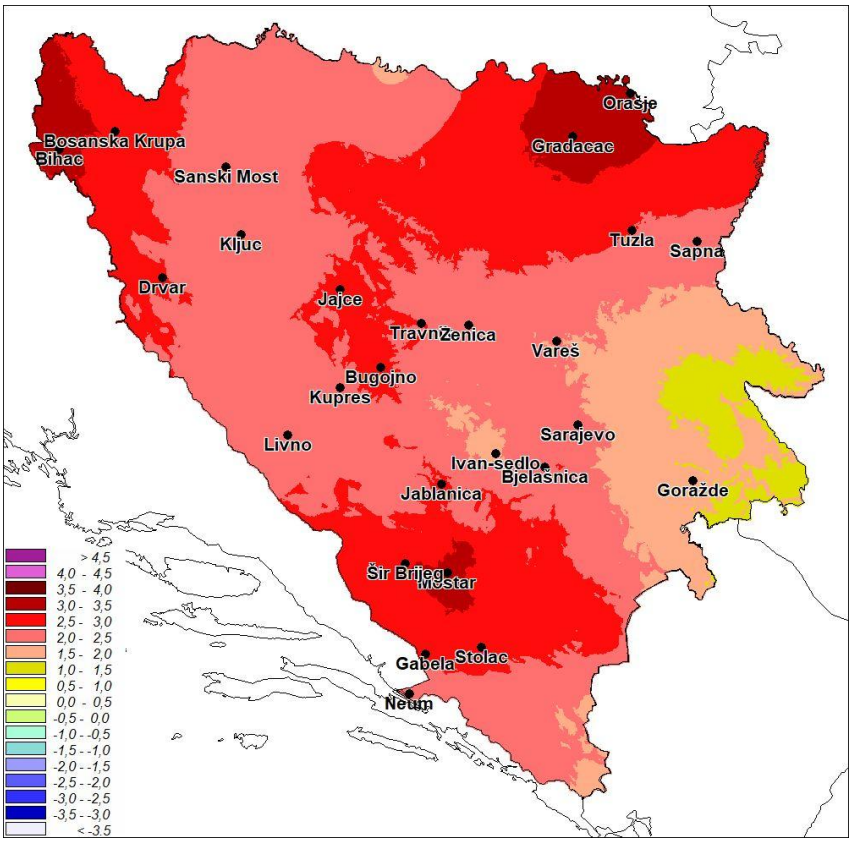


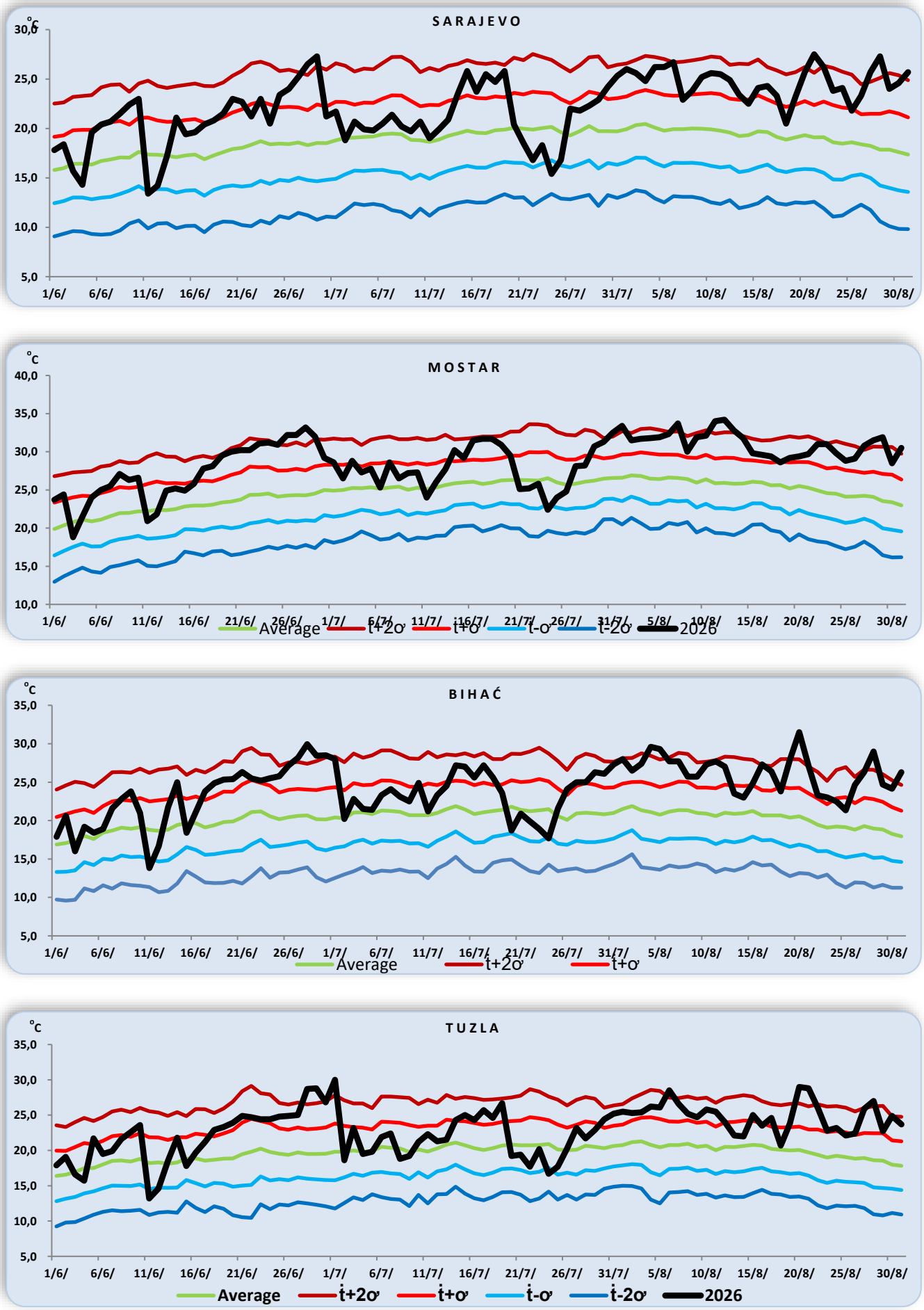
Table 3 Summer temperature in Sarajevo



Map 1 Mean air temperature summer 2026 year (°C)



Map 2 Air temperature during summer 2026 using percentile method compared to the 1991-2020 base period



Graph 1-4 Mean daily air temperatures during summer 2026 year

Analysis of the monthly amount of precipitation expressed in % of average values shows that during the summer 2026, deviations from normal precipitation amounts ranged from 31 % in Gračanica to 87 % in Livno. By percentage amounts of precipitation are classified into categories of extremelx dry, very dry, dry, and normal.
The measured amounts of precipitation were in the range of 73 mm in Mostar to 161 mm in Ivan-sedlo.

STATION	DEVIATION (1991-2020)					PERCENTILES
	mnv	*JUNE*	*JULY*	*AUGUST*	*SUMMER*[1]	
Bihac	*246*	51,2	50,7	10,1	38,9	0
Bjelašnica	*2067*	48,3	59,7	5,0	39,0	6
Bugojno	*562*	57,0	97,0	25,5	61,5	10
Drvar	*485*	53,6	151,6	22,5	73,5	28
Gradacac	*225*	34,9	46,1	5,0	31,1	4
Ivan-sedlo	*970*	65,8	84,1	19,6	58,6	10
Livno	*729*	120,3	87,3	44,1	87,0	39
Mostar	*99*	54,9	45,1	15,0	39,4	0
Neum	*9*	131,9	44,4	0,2	67,9	40
Sarajevo	*630*	102,6	71,0	15,1	67,5	16
Sanski Most	*154*	63,4	84,9	35,2	62,2	15
Tuzla	*305*	39,3	102,5	9,0	53,5	9
Zenica	*345*	57,1	65,2	15,4	49,2	6

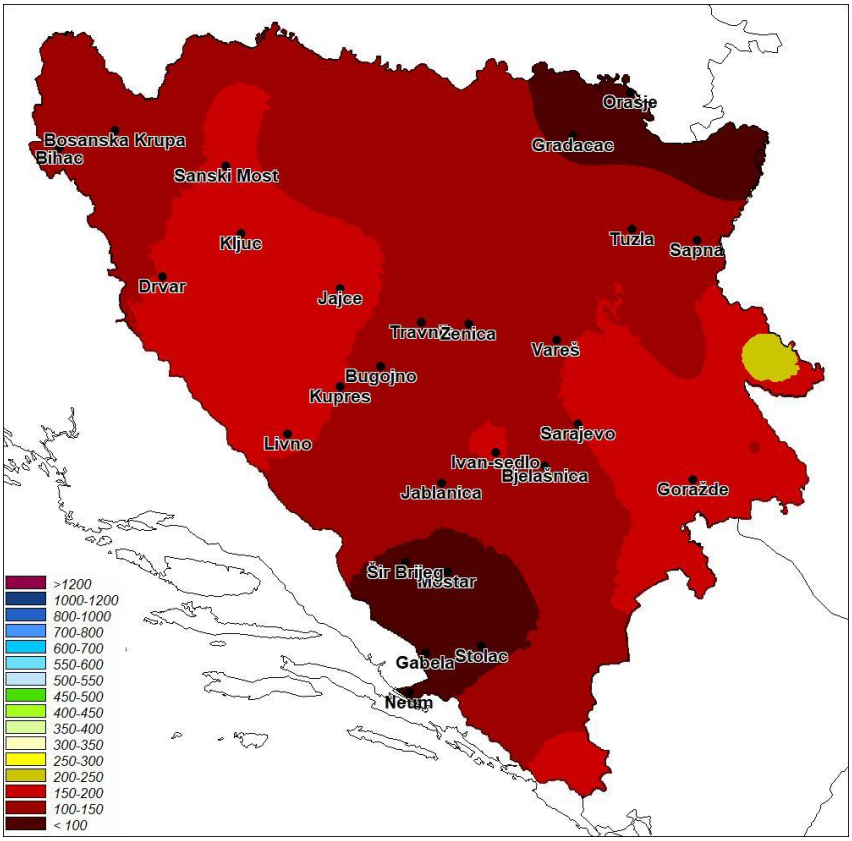
Table 5 Deviation of summer precipitation sums in relation to the climatological standard normal and the corresponding percentiles

STATION	MONTH			STATION	MONTH		
	June	July	August		June	July	August
Bihac				**Livno**			
Bjelasnica				**Mostar**			
Bugojno				**Neum**			
Drvar				**Sanski Most**			
Gradacac				**Sarajevo**			
Ivan Sedlo				**Tuzla**			
Jajce				**Zenica**			

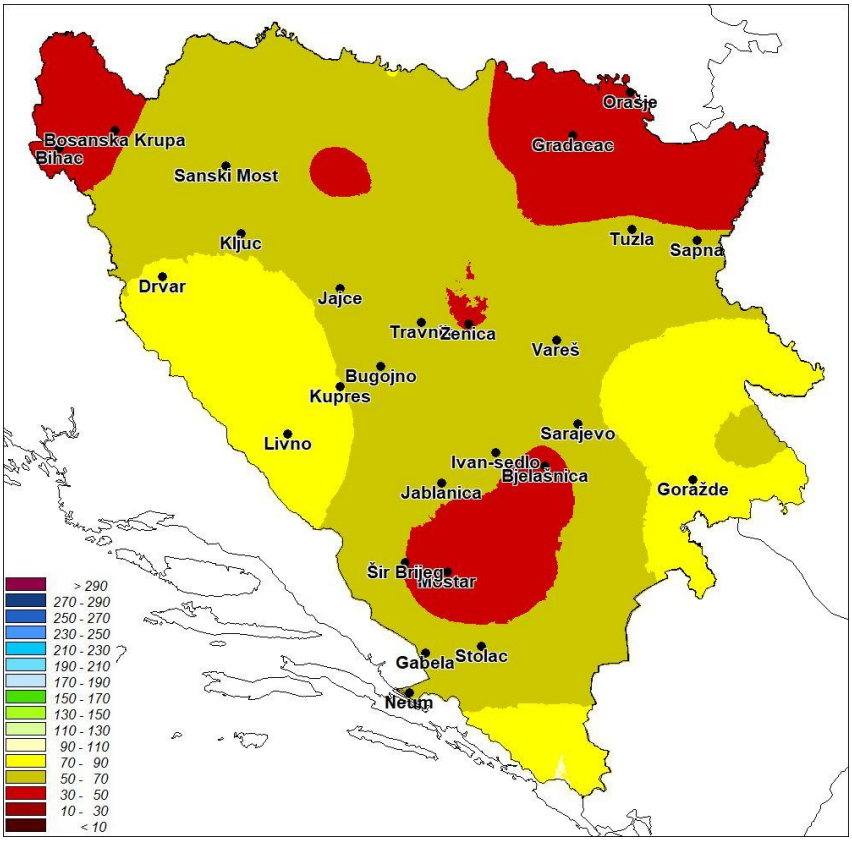
	Extremely dry		Very dry		dry		normal		wet		Very wet		Extremely wet

Table 6 Overview of precipitation sum categories during the summer months by the percentile method

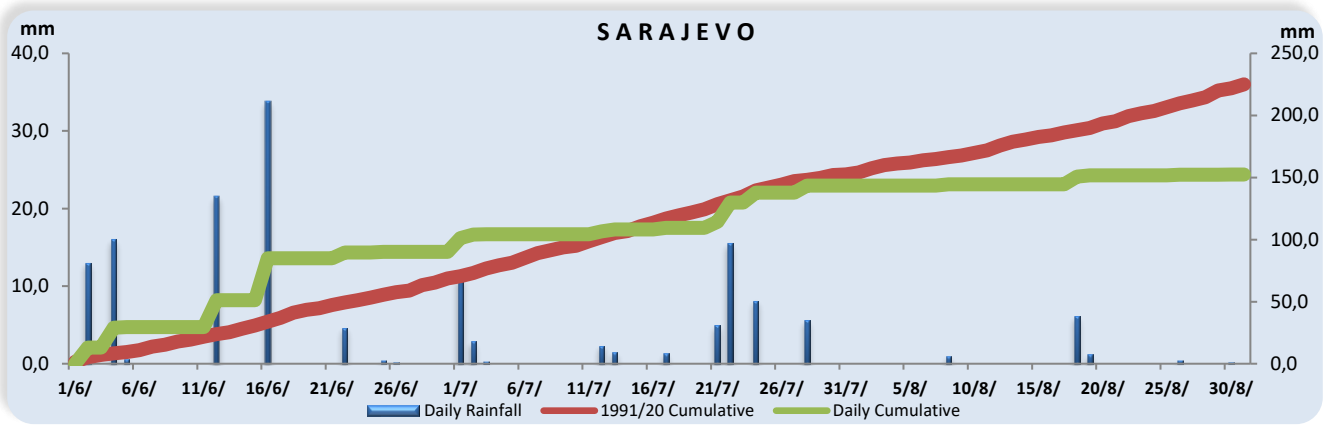
[1]*Realized amounts of precipitation in relation to average amounts*

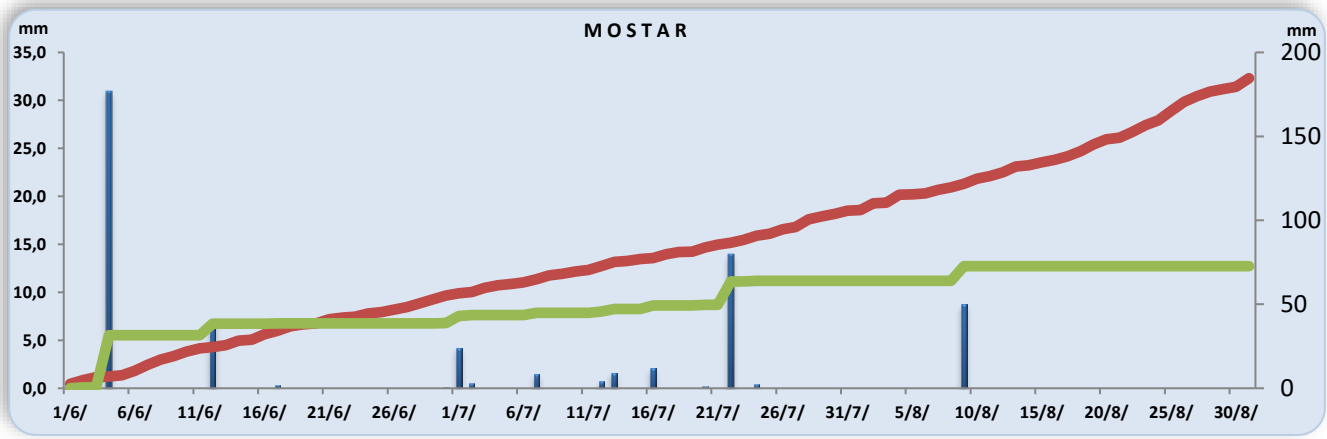


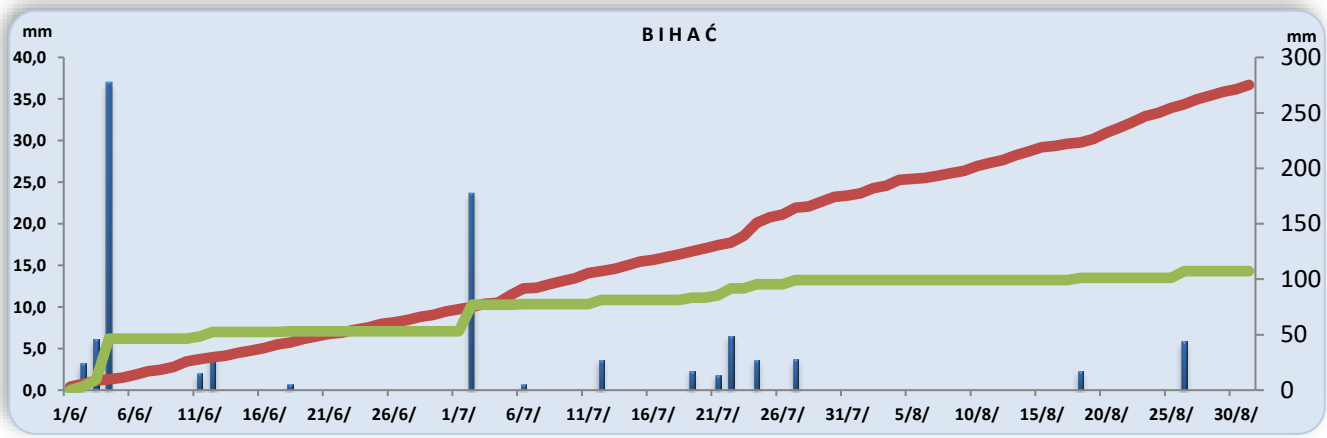
Map 3 Amount of precipitation – summer 2026 year (mm)

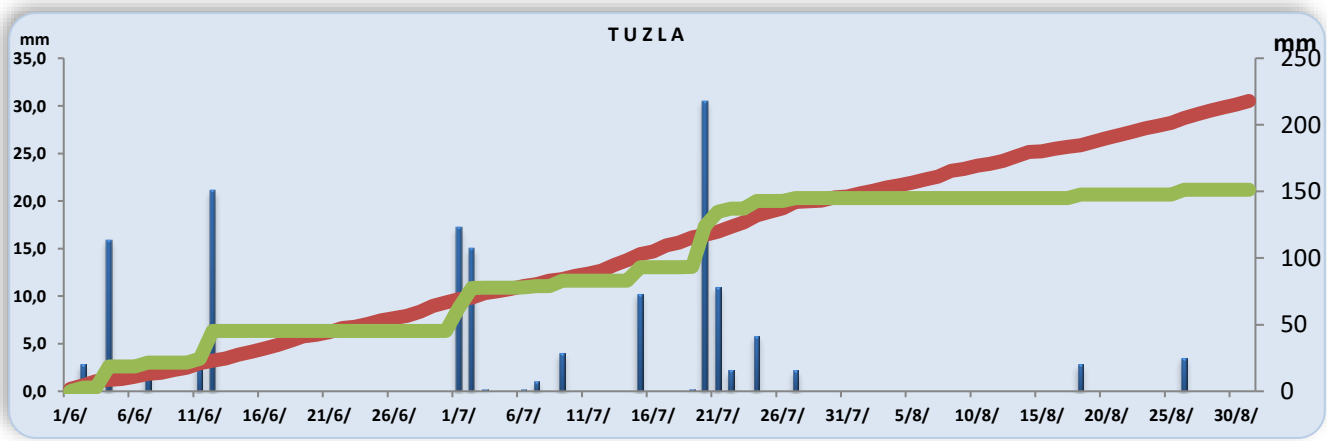


Map 4 Precipitation sums using percentile method during summer 2026 compared to the base period (1991 – 2020)









Graph 5-8 Daily and cumulative precipitation sums in the summer 2026 year

Season		Air Temperature (°C)					Precipitation sums (mm)			
Station	Rank*	33	50	66	Observed value	Rank**	33	50	66	Observed Value
Sarajevo	2	19.6	19.2	18.7	22,2	27	258	228	202	152
Mostar	1	25.1	4.6	24.3	28,7	31	189	158	141	73
Bihac	1	20.6	20.2	19.8	24,2	31	325	274	232	107
Tuzla	2	20.2	19.5	19.0	22,8	29	332	282	251	151
Zenica	2	20.8	20.0	19.6	23,2	30	265	242	193	114
Bugojno	1	19.2	18.5	18.1	22,0	29	248	201	186	132
Gradacac	1	21.9	21.1	20.8	25,5	30	258	240	227	75
Livno	2	19.3	18.6	18.3	21,8	19	211	185	158	158
San Most	2	20.6	19.9	19.6	22,9	27	299	262	228	152
Ivan-sedlo	2	17.1	16.7	16.4	18,6	29	336	278	247	161

* Rank – 1991-2020 (period) – warmest season
** Rank – 1991-2020 (period) – highest seasonal precipitation

Country	Seasonal temperature JJA		Seasonal precipitation JJA		High Impact Events
	Observed	SEECOF - 35 climate outlook for temperature	Observed	SEECOF - 35 climate outlook for precipitation	
Bosnia and Herzegovina (FBIH)	Above normal in almost entire Bosnia and Herzegovina	Above normal (20. 30. 50) In Bosnia and Herzegovina)	below normal	Below normal (33.34.33)	All three months were warmer than average. August was the warmest—not only of this summer, but the warmest month since official records began. Never before has any month recorded such high average monthly temperatures. In the south of Bosnia and Herzegovina, the number of days in August with a maximum temperature of 40°C or higher exceeded 10. Precipitation levels were normal in June, but below average in July and, especially, in August.