

CLIMATOLOGICAL ANALYSIS

SEASON

SUMMER 2025



BOSNIA AND HERZEGOVINA
FEDERATION OF BOSNIA AND HERZEGOVINA
FEDERAL HYDROMETEOROLOGICAL INSTITUTE

CLIMATOLOGICAL ANALYSIS SEASONE SUMMER 2025.

Sarajevo, October 2025.

Mean air temperatures during the climatological summer 2025. (1st June – 31st August 2025.) ranged between 19,6 °C in Drvar and 26,7°C in Mostar. On the mountain areas air temperatures were in the range of 16,7 °C on Komar and Ostrelj to 18,6 °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 0,6°C on Ivan-sedlo to 2,6 °C in Sarajevo. By percentage temperature values are classified into the category of warm and very warm.

STATION	DEVIATION (1991-2020.)					PERCENTILES
	mnv	JUNE	JULY	AUGUST	SUMMER	
Bihać	246	3,6	1,4	0,3	1,8	87
Bjelašnica	2067					
Bugojno	562	3,8	1,5	0,0	1,8	92
Drvar	485	2,9	0,9	-0,2	1,2	83
Gradačac	225	3,8	1,4	0,9	2,0	90
Ivan-sedlo	970	2,1	0,6	-0,9	0,6	76
Jajce	428	3,3	1,7	-0,1	1,6	91
Livno	724	3,1	0,7	-0,2	1,2	84
Mostar	99	4,2	2,1	0,4	2,2	92
Neum	9	2,9	0,9	0,1	0,4	67
Sarajevo	630	4,2	2,5	1,2	2,6	96
Sanski Most	154	2,8	1,2	-0,2	1,3	86
Tuzla	305	3,2	1,5	0,1	1,6	88
Zenica	345	3,0	0,8	-0,7	1,1	82

Table 1 Deviation middle of winter air temperatures in relation to cli standard normal and the corresponding percentiles

STATION	MOUNTH			STATION	MOUNTH		
	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
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Table 2 Overview of marks mean temperature during the winter months by the method of percentile

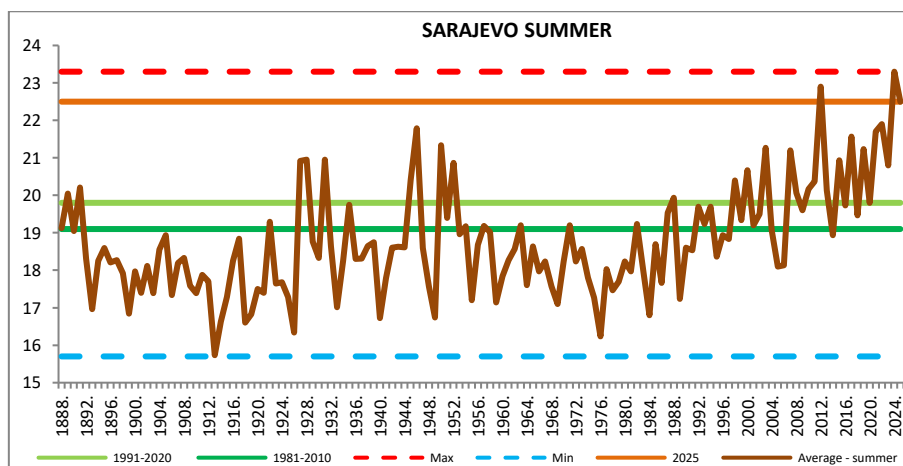
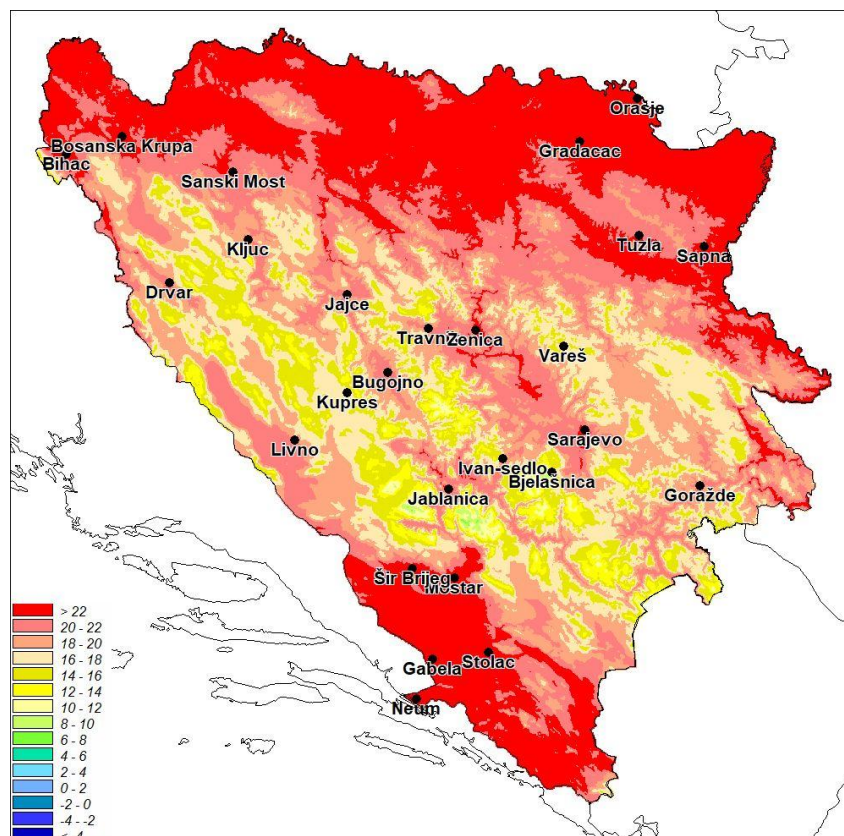
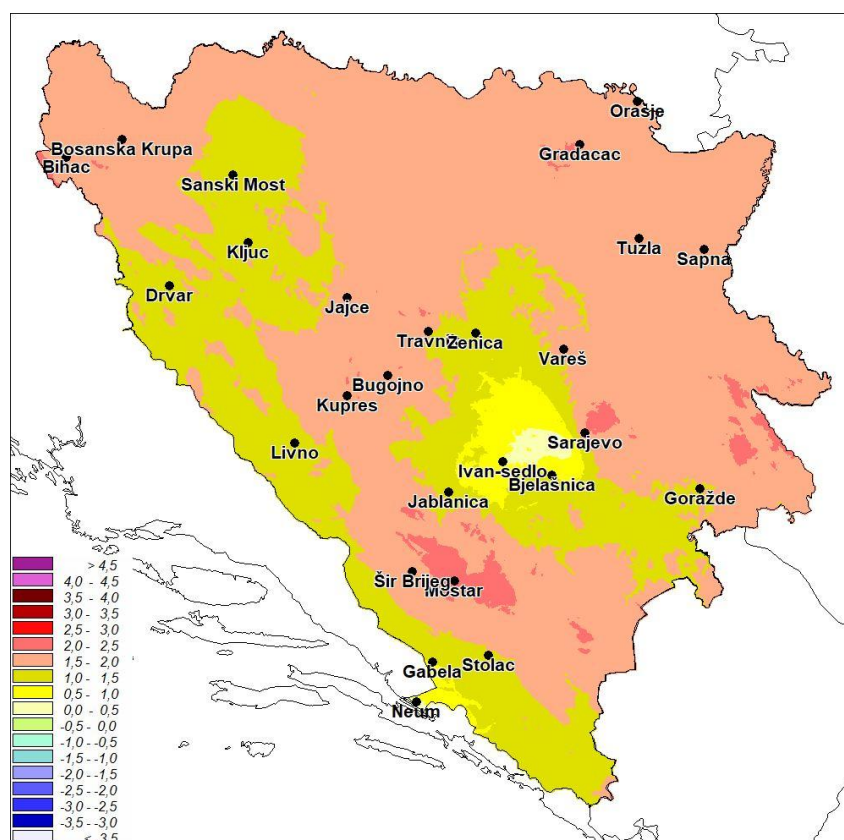


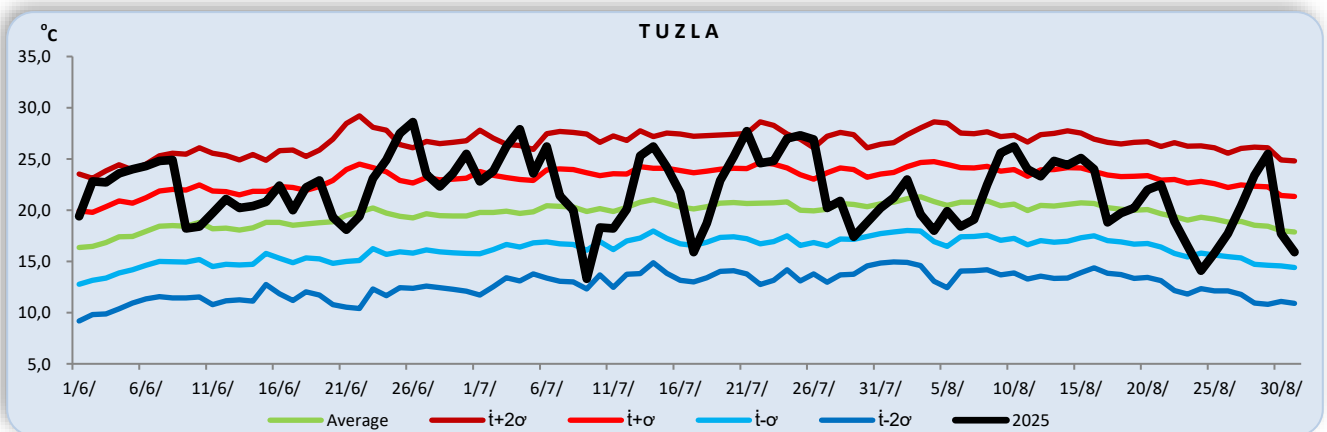
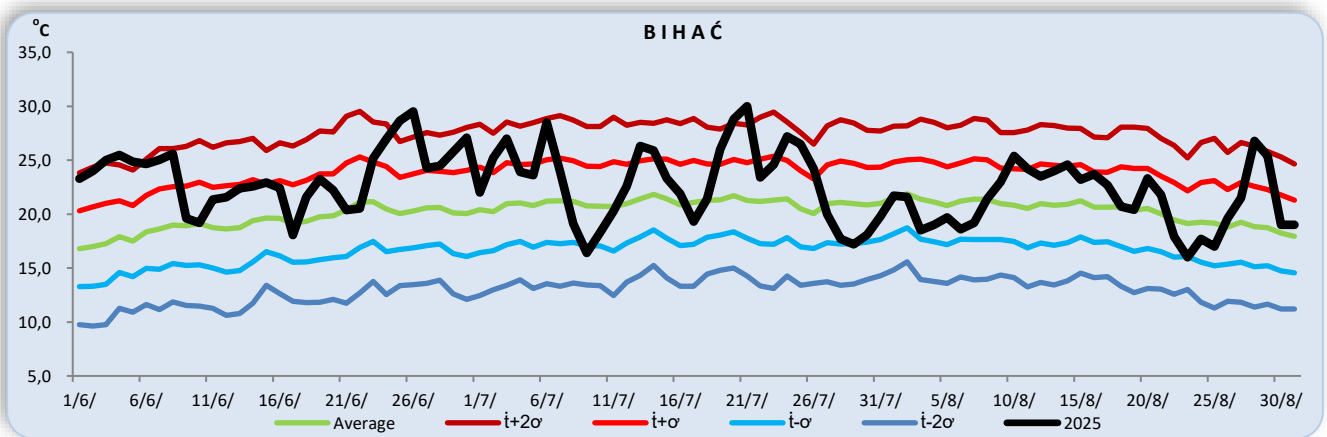
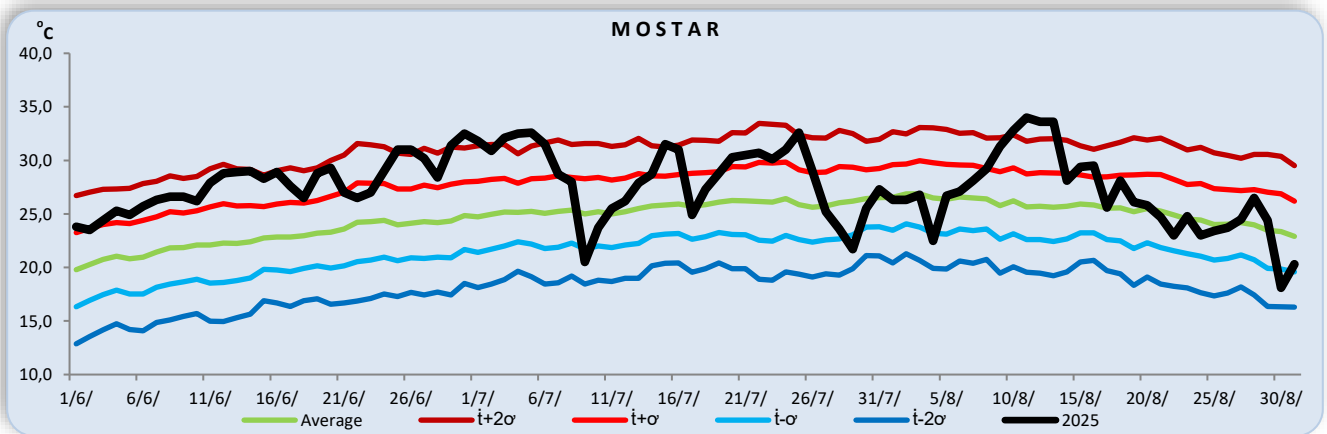
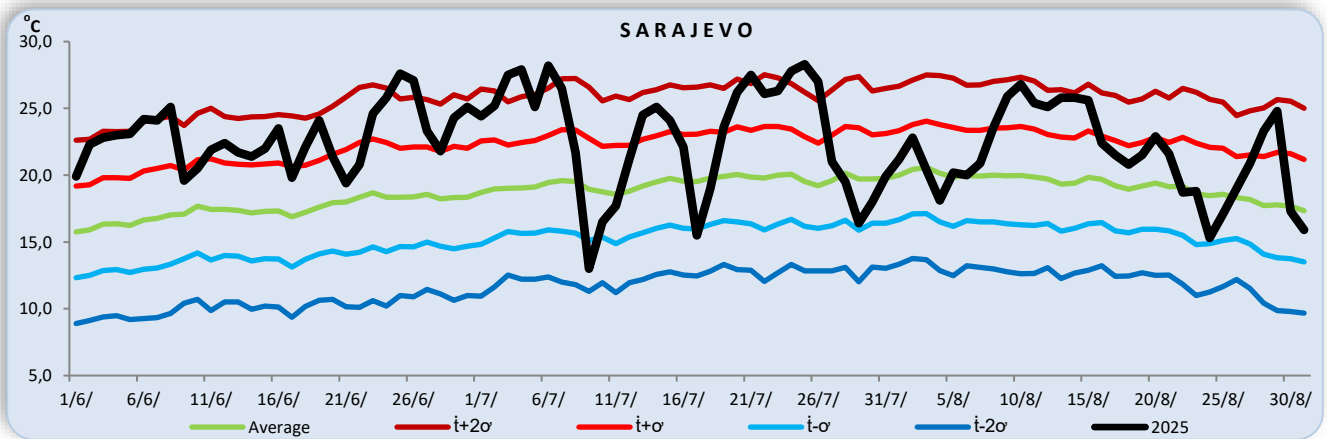
Table 3 Summer temperature in Sarajevo



Map 1 Mean air temperature summer 2025. year (°C)



Map 2 Air temperature during summer 2025. using percentile method compared to the 1991-2020 base period



Graph 1-4 Mean daily air temperatures during summer 2025. Year

Analysis of the monthly amount of precipitation expressed in % of average values shows that during the summer 2025., deviations from normal precipitation amounts ranged from 46 % in Gračanica to 134 % in Neum. By percentage amounts of precipitation are classified into categories of very dry, dry, normal and wet.

The measured amounts of precipitation were in the range of 111 mm in Gradacac to 320 mm in Ivan-sedlo.

STATION	DEVIATION (1991-2020)					PERCENTILES
	<i>mnv</i>	JUNE	JULY	AUGUST	SUMMER ¹	
Bihac	246	15,4	161,4	54,5	74,9	26
Bugojno	562	8,7	103,2	105,8	68,2	15
Drvar	485	21,2	114,9	82,6	70,1	26
Gradacac	225	0,3	81,6	78,0	45,8	6
Ivan-sedlo	970	0,4	161,1	231,1	116,2	66
Jajce	428	17,4	126,9	116,4	82,0	30
Livno	729	21,9	195,4	122,3	102,6	50
Mostar	99	0	88,0	271,1	112,0	69
Sarajevo	630	2,2	109,5	147,2	78,2	28
Sanski Most	154	8,6	156,0	127,5	87,0	36
Tuzla	305	0	66,2	142,8	58,2	12
Zenica	345	/	/	/	/	/

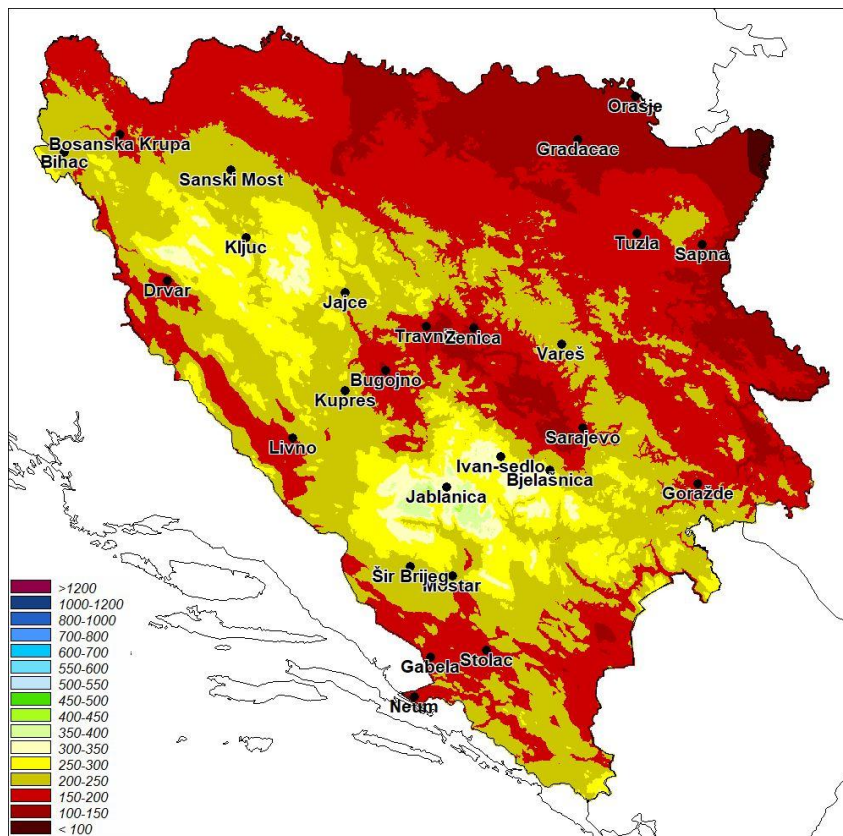
Table 5 Deviation summer precipitation in relation to the climatological standard normal and the corresponding percentiles

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

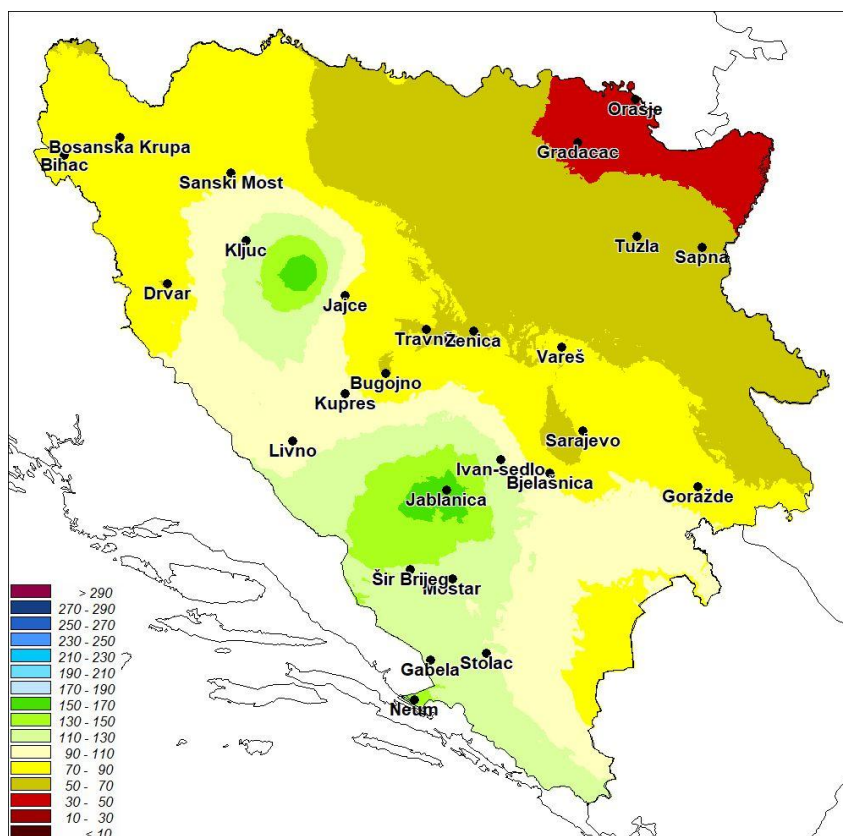
	Extremely dry		Very dry		dry		normal		wet		Very wet		Extremely wet
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Table 6 Overview of marks on precipitation by month basis percentile

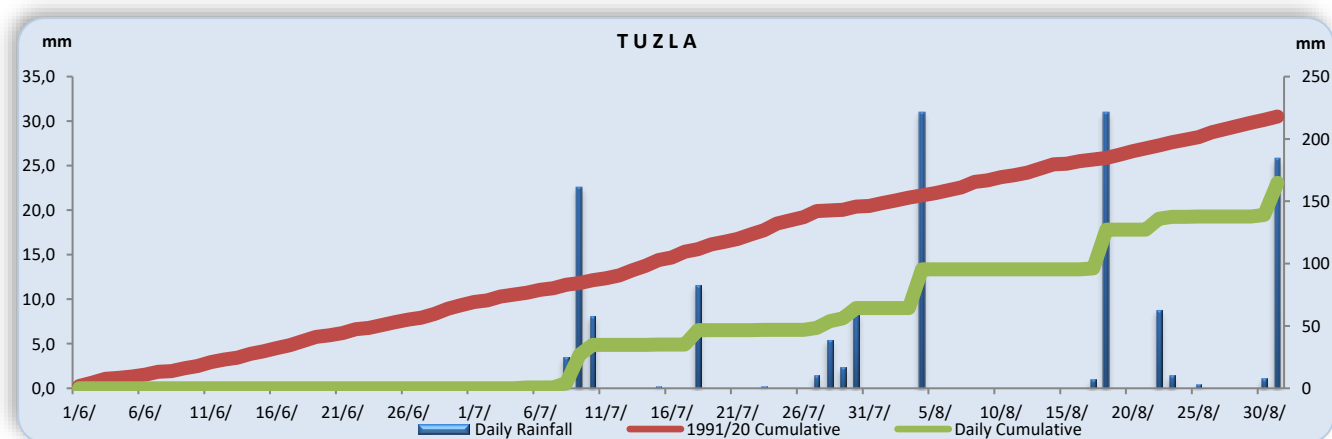
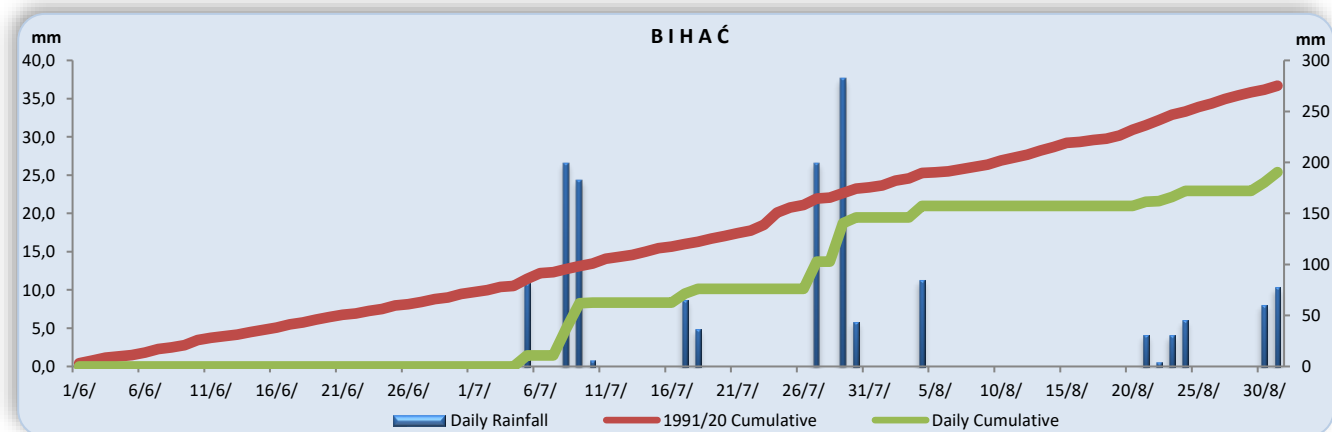
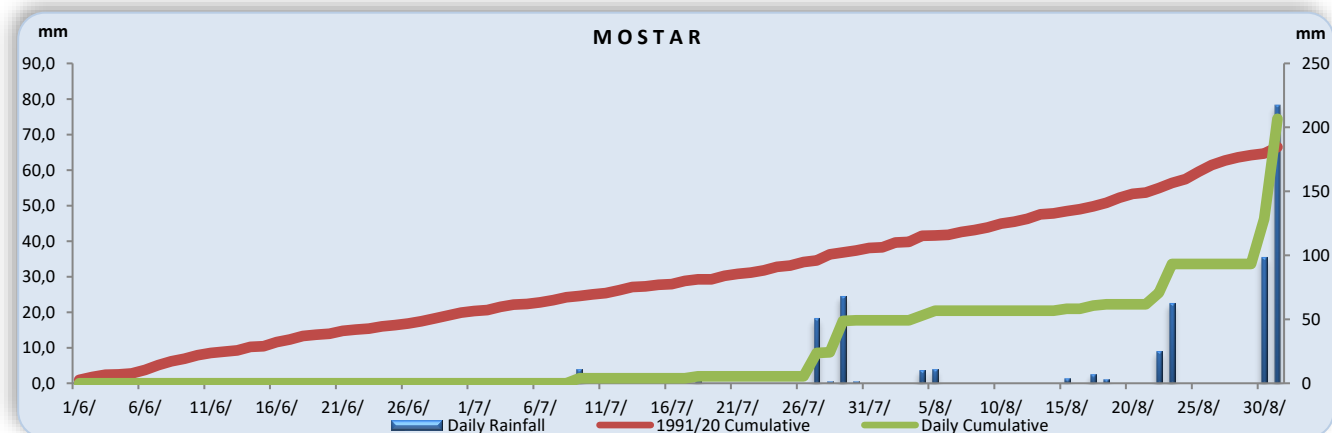
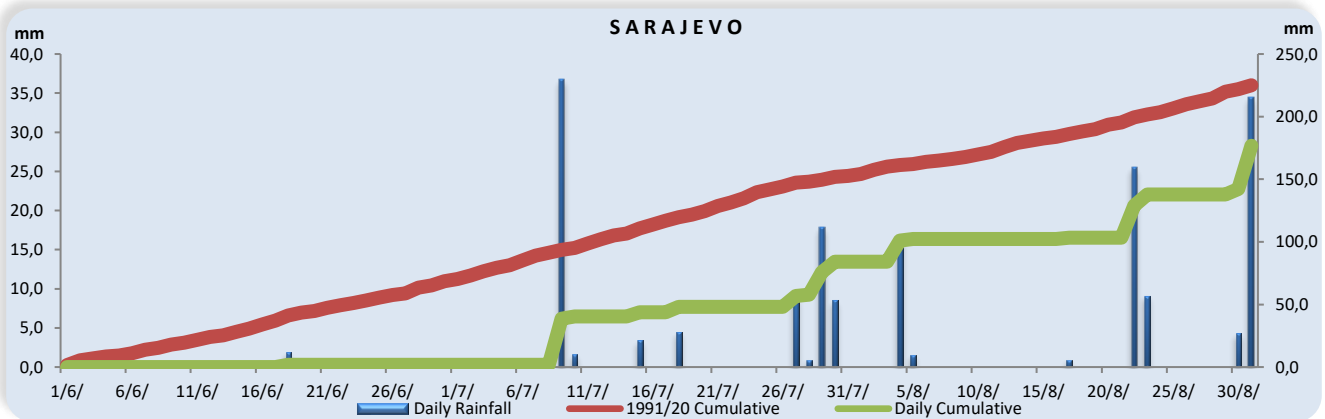
¹Realized amounts of precipitation in relation to average amounts



Map 3 Amount precipitation – summer 2025. year (mm)



Map 4 Precipitation sums using percentile method during summer 2025. compared to the base period (1991. – 2020.)



Graph 5-8 daily and cumulative rainfall in the summer 2025 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	22,5	23	258	228	202	177
Mostar	3	25,1	4,6	24,3	27,6	10	189	158	141	207
Bihac	5	20,6	20,2	19,8	22,6	23	325	274	232	206
Tuzla	4	20,2	19,5	19,0	21,9	28	332	282	251	165
Zenica	6	20,8	20,0	19,6	22,0		265	242	193	
Bugojno	3	19,2	18,5	18,1	21,1	27	248	201	186	146
Gradacac	4	21,9	21,1	20,8	24,1	30	258	240	227	111
Livno	6	19,3	18,6	18,3	20,7	16	211	185	158	186
San Most	5	20,6	19,9	19,6	21,9	20	299	262	228	213
Ivan-sedlo	8	17,1	16,7	16,4	17,4	11	336	278	247	320

*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 - 33 climate outlook for temperature	Observed	SEECOF - 33 climate outlook for precipitation	
Bosnia and Herzegovina (FBiH)	Above normal in almost entire Bosnia and Herzegovina	Above normal (10, 20, 70) In Bosnia and Herzegovina	Within and below normal	Below normal (50,30,20)	At most meteorological stations, June 2025 was the warmest since the beginning of official measurements in Bosnia and Herzegovina. At the meteorological stations Sarajevo and Tuzla, a new absolute maximum for the month of June was recorded. In Sarajevo, 38.0 degrees were measured, and in Tuzla 37.2 degrees. June was an extremely dry month. At a large number of stations, no precipitation was recorded during the month. At other meteorological stations, the measured precipitation amounts were the lowest in June since the beginning of official measurements.