

**Climatological analysis  
Summer 2010**

In the Summer 2010 (June, July and August) air average temperature was from 10,3 °C on Bjelašnica and 17,0 °C on Ivan Sedlu to 24,0 °C in Stolac and 25,4 °C in Mostar. Temperature anomalies by comparison with (1961-1990) was positive on all stations - from 1,2 °C in Stolac to 2,1 °C in Bugojno and Sarajevo – categorisation very warm and extremely warm.

STATION	TEMPERATURE		STATION	TEMPERATURE	
	anomalies (°C)	percentil		anomalies (°C)	percentil
<b>Bihać</b>	1,4	100	<b>Livno</b>	2,0	100
<b>Bjelašnica</b>	1,6	95	<b>Mostar</b>	2,0	100
<b>Bugojno</b>	2,1	100	<b>Sarajevo</b>	2,1	100
<b>Drvar</b>	1,5	100	<b>Sanski Most</b>	1,7	100
<b>Gradačac</b>	1,6	96	<b>Stolac</b>	1,2	100
<b>Ivan Sedlo</b>	1,5	98	<b>Tuzla</b>	1,6	100
<b>Jajce</b>			<b>Zenica</b>	2,0	100

Absolut maximum i minimum air temperature in observed period is not registered.

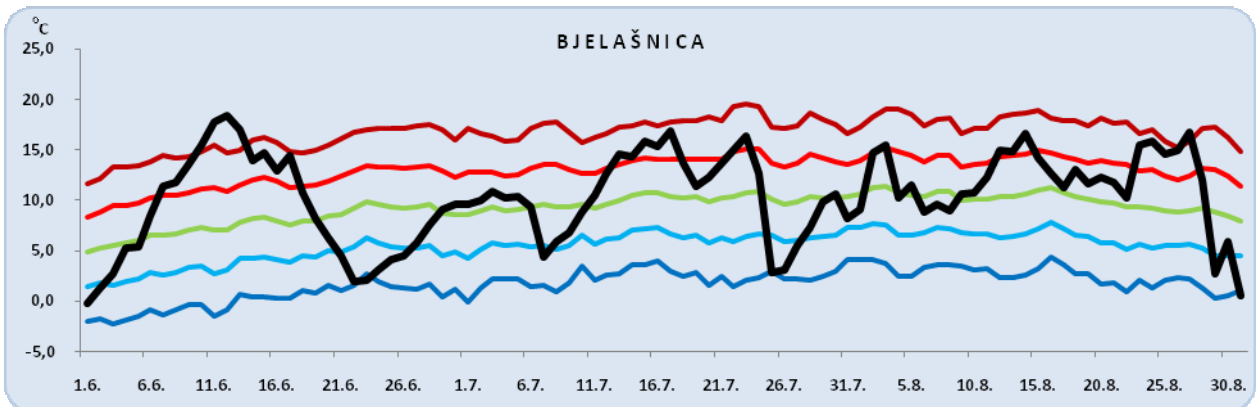
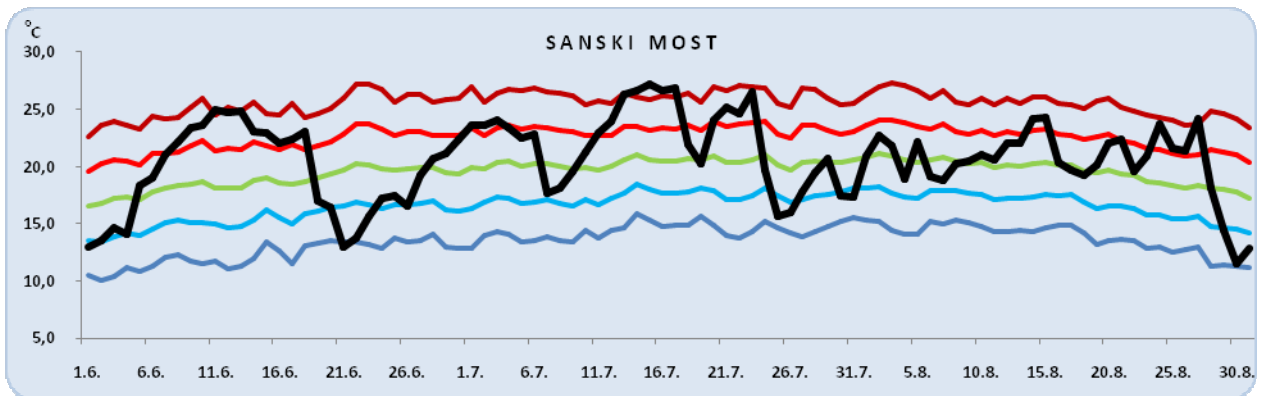
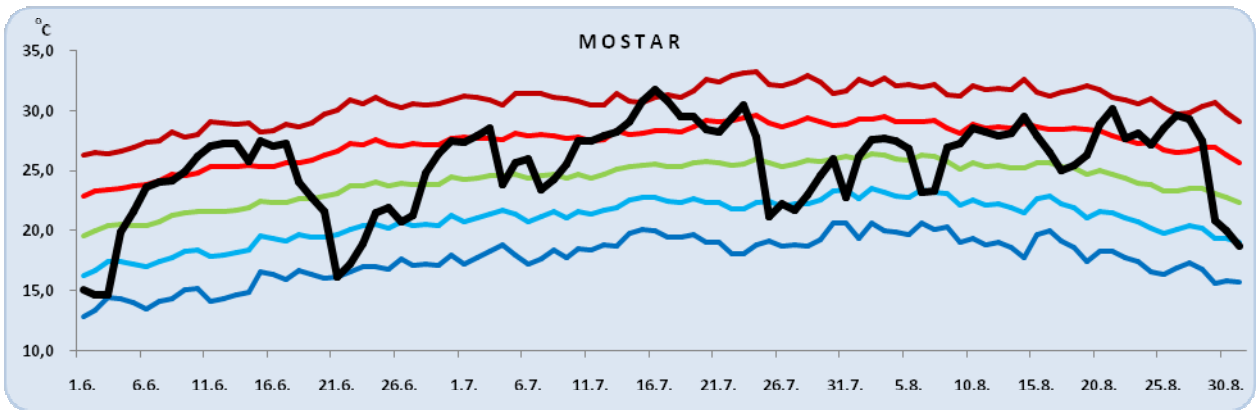
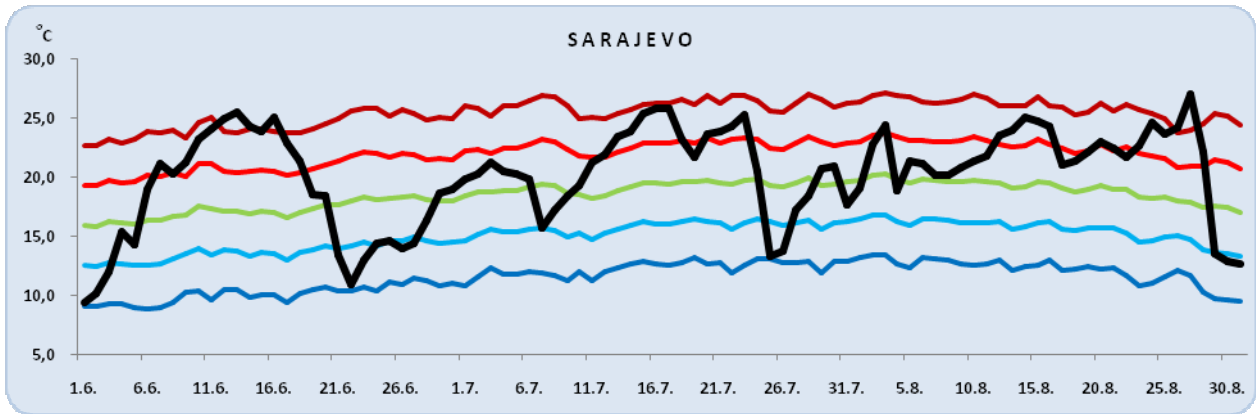
Mean decadal temperature in the summer 2010. godine on the stations was above normal over all observed period except third decade of June. Negative anomalies were biggest in Sarajevo (-3,3 °C in comp. 1961-1990). Biggest positive anomalies were registered in second decade of June (biggest from 4,0 °C on all stations. On GMS Sarajevo was registered the biggest anomalie in June (6,2 °C).

Decadal temperature anomalies for six stations:

	March			April			May		
<b>Bihać</b>	1,6	4,4	-2,1	1,8	4,1	0,2	-0,2	1,8	1,4
<b>Gradačac</b>	0,6	4,9	-2,4	1,9	4,9	0,3	0,3	3,0	1,8
<b>Livno</b>	1,8	4,6	-1,6	2,6	4,8	0,2	1,3	3,0	2,4
<b>Mostar</b>	1,0	4,7	-1,4	2,4	4,5	0,4	1,2	2,8	3,7
<b>Sarajevo</b>	0,7	6,2	-3,4	1,0	4,3	0,6	1,3	4,2	3,5
<b>Tuzla</b>	0,4	5,4	-2,2	1,0	4,3	0,4	0,6	2,7	2,0

Exclusive warm days were registered in all three months (Highest in June). Exclusive cold days were registered also in all three months (in the short periods – not more then one day):

STATION	Exclusive warm days			Exclusive cold days		
	June	Juli	August	June	Juli	August
<b>Bihać</b>	2	0	1	1	0	1
<b>Bjelašnica</b>	4	0	1	1	1	1
<b>Livno</b>	1	3	0	0	0	0
<b>Mostar</b>	0	1	0	1	0	0
<b>Sarajevo</b>	4	0	2	0	0	0
<b>Sanski Most</b>	1	4	1	1	0	0
<b>Tuzla</b>	1	0	1	0	0	0



STATION	Precipitation		STATION	Precipitation	
	anomalies (%) <sup>1</sup>	percentil		anomalies (%)	percentil
<b>Bihać</b>	118,0	73	<b>Livno</b>	90,4	43
<b>Bjelašnica</b>	122,4	79	<b>Mostar</b>	90,5	43
<b>Bugojno</b>	94,2	40	<b>Sarajevo</b>	105,4	57
<b>Drvar</b>	89,1	40	<b>Sanski Most</b>	132,1	87
<b>Gradačac</b>	171,8	98	<b>Stolac</b>	120,5	83
<b>Ivan Sedlo</b>	105,1	72	<b>Tuzla</b>	156,2	98
<b>Jajce</b>			<b>Zenica</b>	127,5	84

Total sum of precipitation in the summer was above normal (1961-1990) in all Bosnia, except in Bugojno.

In Herzegovina precipitation sum was below normal (1961-1990). Total sum of precipitation was from 192,4 l/m in Bugojno to 444,9 l/m in Gradačac. Anomalies of the normal sum of precipitation was from 89,1 % in Drvar to 171,8 % in Gradačac.

Biggest sum of precipitation was registred in June. Drought period was in the second decade of July and in the middle of August. Hail was registred on the North part Bosnia in June only.

Storm wind was registred in July in Gradačac.

Daily precipitation for four stations:

