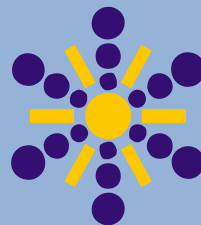


SEASON

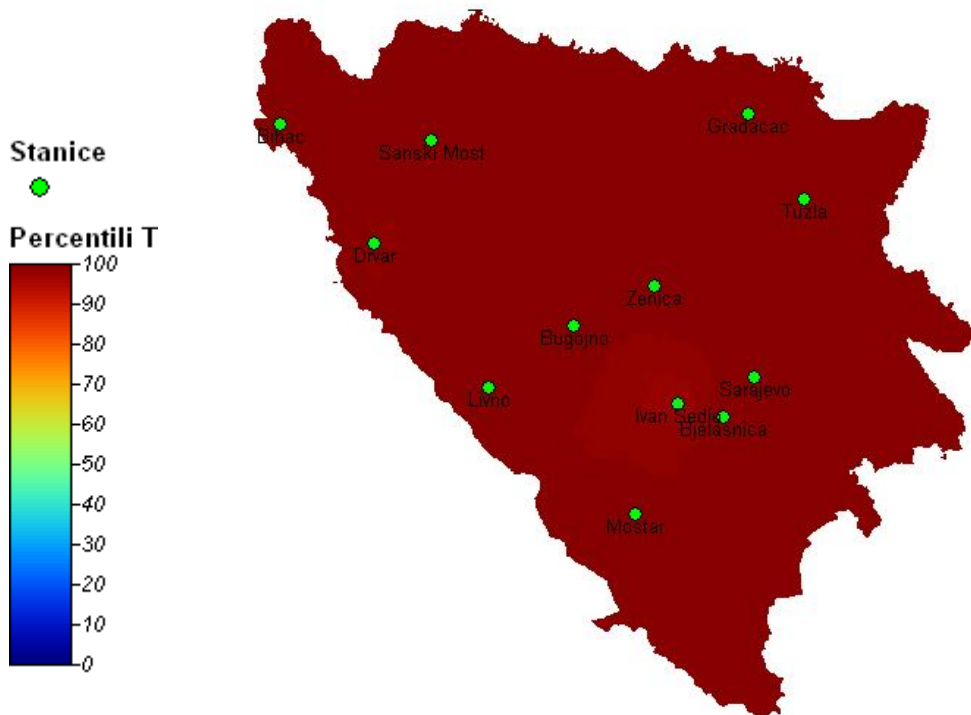
SUMMER  
2011



<http://fhmzbih.gov.ba>

Mean air temperature in summer 2011 years ranged from 10.6 ° C on Bjelasnica and 17.0 ° C on Ivan Sedlo to 25.0 ° C in Stolac and 25.6 ° C in Mostar. Temperature anomalies (in relation to 1961-1990) were positive for all the observed areas. Temperature anomalies ranged from 1.4 ° C on Ivan Sedlo to 2.5 ° C in Gradačac. According to the percentile distribution of temperature values fall into a very hot and extremely hot. June, July and August a summer, representatives of the climatological terms were warmer than the average for all meteorological stations. The largest deviations were registered in August, and lowest in July. Although the summer was very hot, in the past have registred hotter summers. Extremely hot in June was the MS (Bugojno, Gradačac, Livno, Mostar and Zenica) and in August the MS (Bihac, Bjelašnica, Bugojno, Gradačac, Sarajevo, SanskiMost, Chair, Tuzla and Zenica)

STATIONS	TEMPERATURE		STANICE	TEMPERATURE	
	anomalies (°C)	percentile		anomalies (°C)	percentile
<b>Bihac</b>	2,0	100	<b>Livno</b>	2,2	100
<b>Bjelašnica</b>	1,9	100	<b>Mostar</b>	2,1	100
<b>Bugojno</b>	2,2	100	<b>Sarajevo</b>	2,3	100
<b>Drvar</b>	1,5	99	<b>Sanski Most</b>	2,0	100
<b>Gradačac</b>	2,5	100	<b>Stolac</b>	2,2	100
<b>Ivan Sedlo</b>	1,4	97	<b>Tuzla</b>	2,2	100
			<b>Zenica</b>	2,2	100

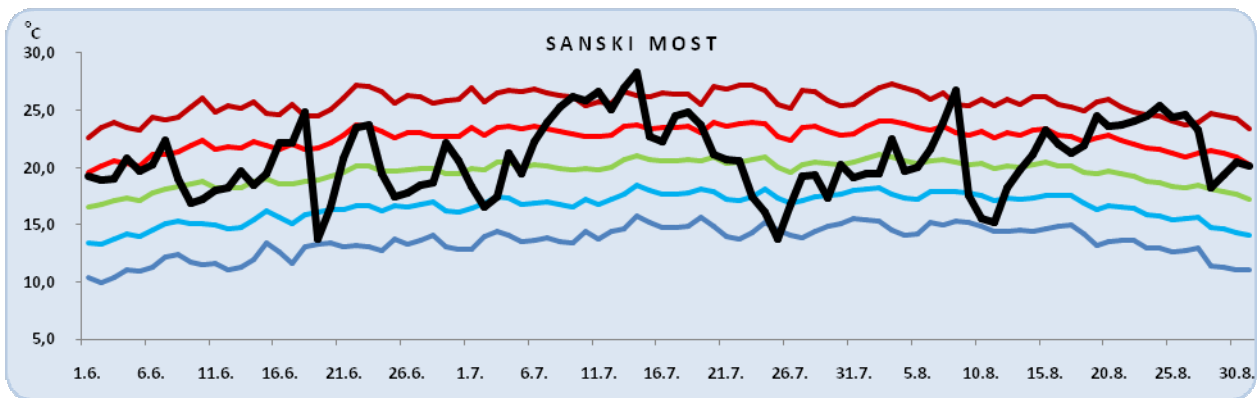
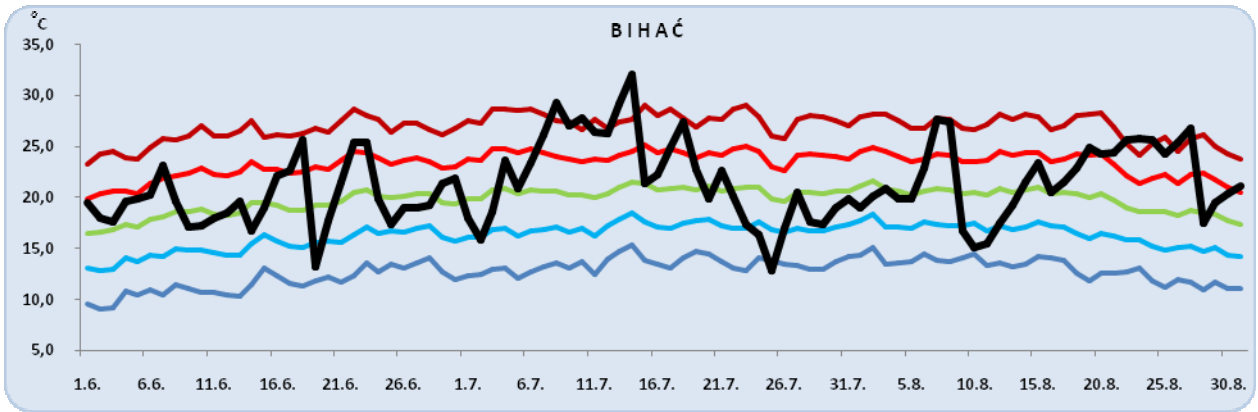
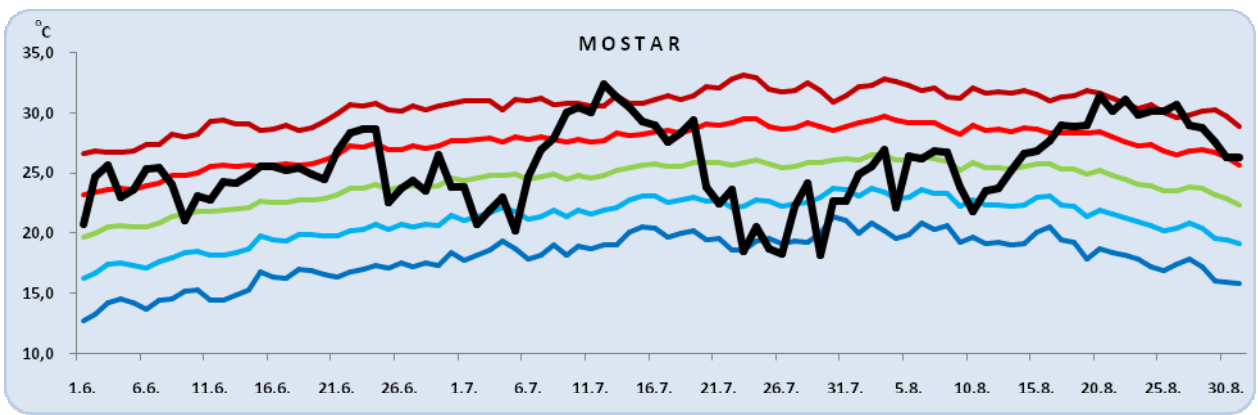
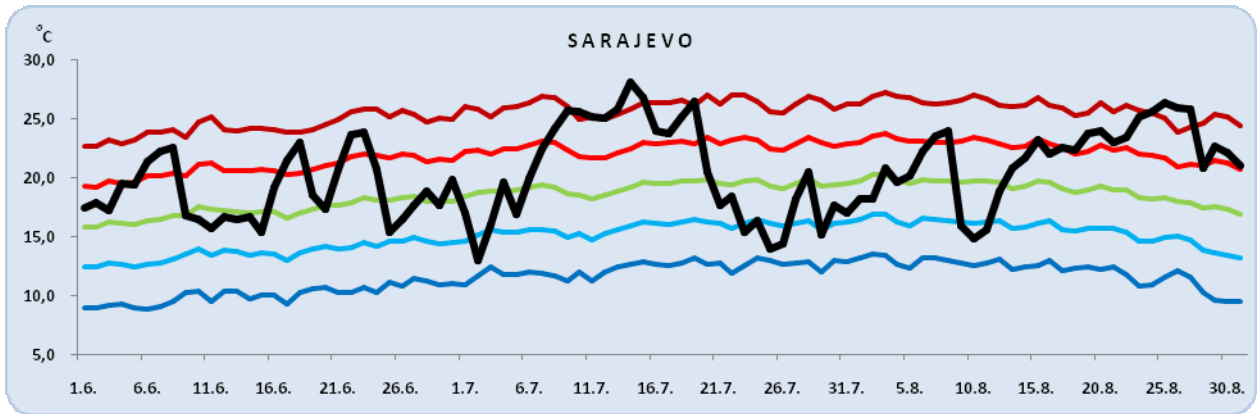


During June, all of three decades had a positive variance on all stations. In July, the first and second decades had positive anomalies from the mean temperature for the same period, while the third decade was cooler and up to  $-3.9^{\circ}\text{C}$  as registered in the MS Mostar. The third summer month of August in the first decade of the two stations was colder than average in the second and third decade of warmer on all stations. The largest positive deviation of  $7.0^{\circ}\text{C}$  was recorded on MS Mostar in the third decade of August.

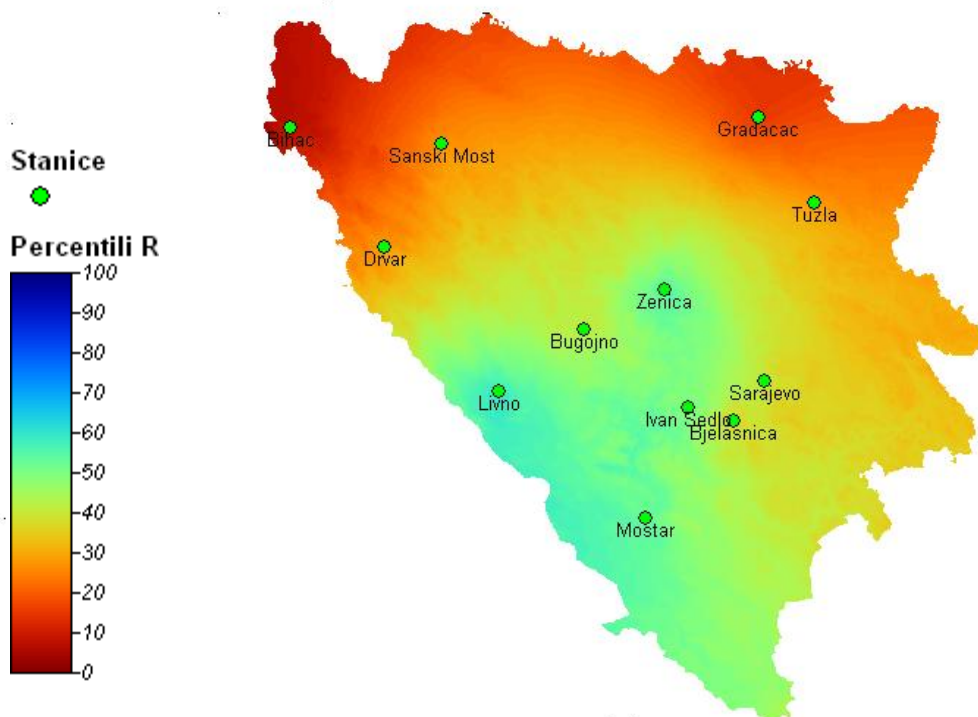
Anomalies of decade high temperature for the six stations are in the table.

	june			july			august		
<b>Bihać</b>	2,0	1,3	1,3	3,4	4,8	-1,8	0,4	1,3	5,6
<b>Gradačac</b>	2,4	2,2	1,5	3,4	4,6	-1,6	0,7	2,8	7,0
<b>Livno</b>	3,3	2,6	1,7	1,9	5,9	-2,6	0,5	2,8	5,3
<b>Mostar</b>	3,7	3,4	2,5	1,1	4,1	-3,9	-0,5	2,4	6,5
<b>Sarajevo</b>	3,2	1,4	1,2	1,8	5,8	-2,3	0,1	2,6	6,7
<b>Tuzla</b>	2,4	0,9	0,9	2,3	4,9	-1,2	0,5	2,0	6,3

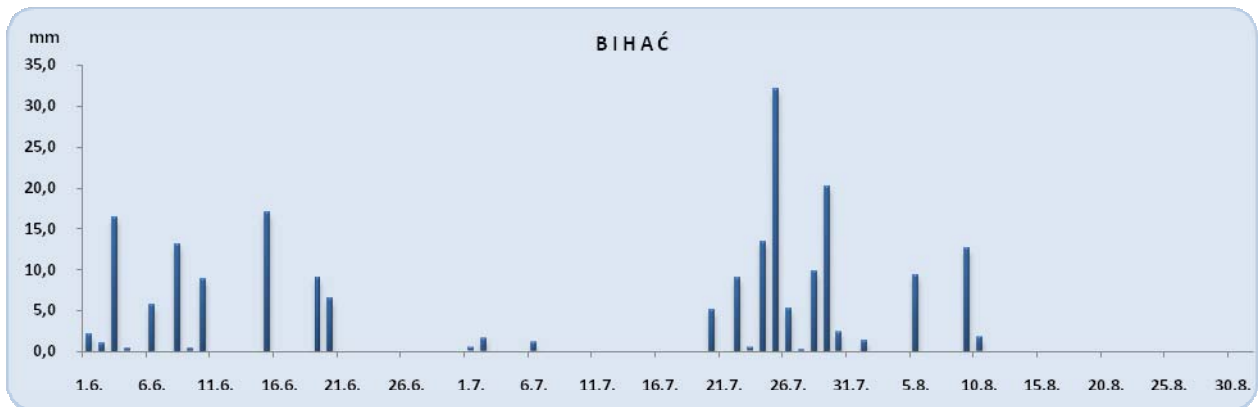
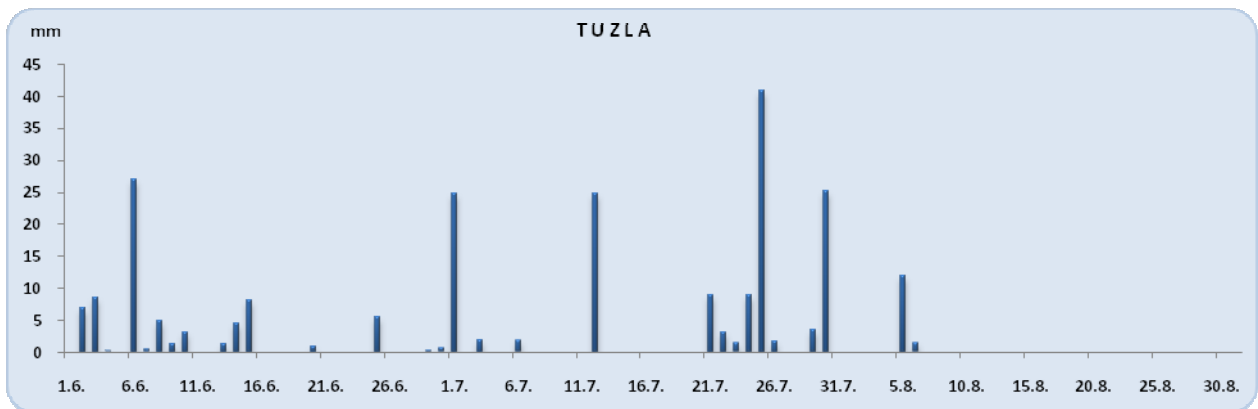
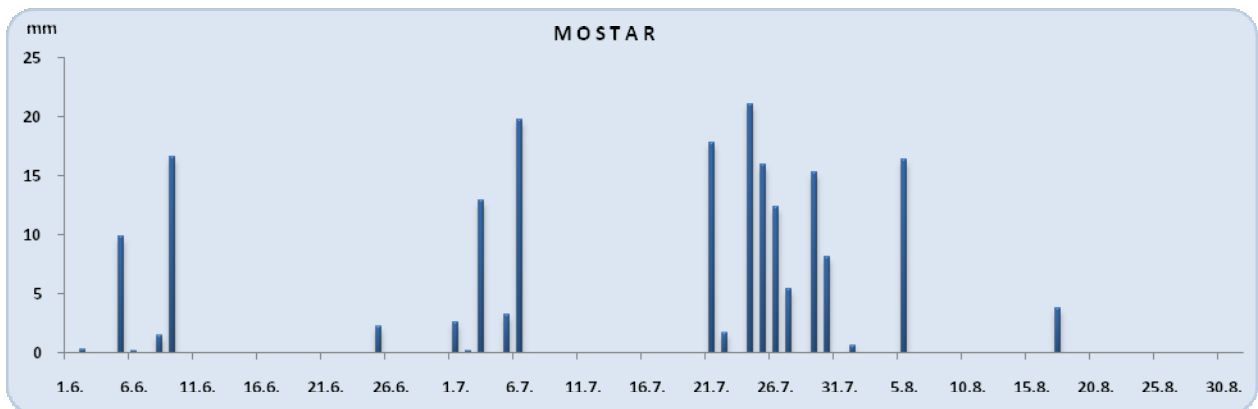
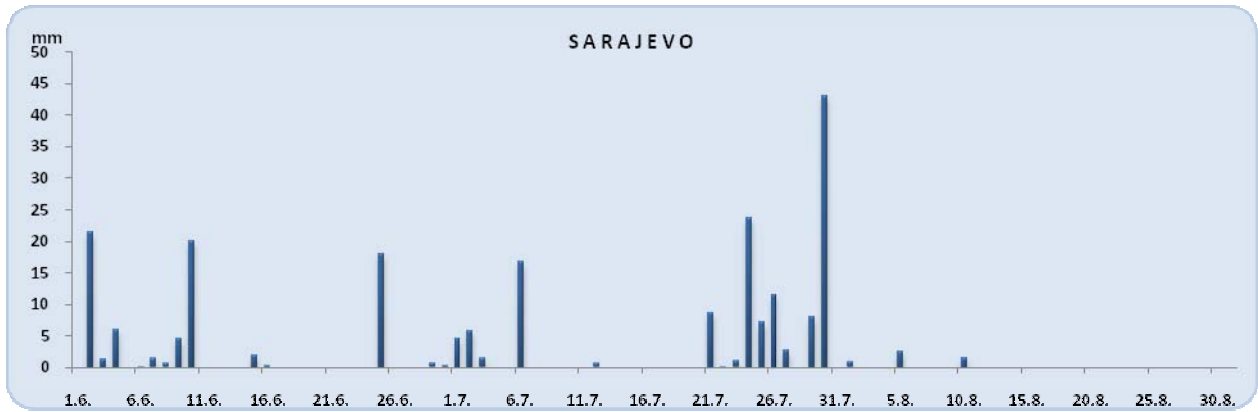
STANICA	Extremely hot days			Extremely cold days		
	june	july	august	june	july	august
<b>Bihać</b>	0	4	5	0	1	0
<b>Bjelašnica</b>	0	4	5	0	0	0
<b>Livno</b>	0	4	1	0	0	0
<b>Mostar</b>	0	1	3	0	4	0
<b>Sarajevo</b>	0	6	4	0	0	0
<b>Sanski Most</b>	0	4	4	0	1	0
<b>Tuzla</b>	0	3	5	0	0	0



STATIONS	PRECIPITATION		STATIONS	PRECIPITATION	
	anomalies (%) <sup>1</sup>	percentile		anomalies (%)	percentile
<b>Bihać</b>	62,8	7	<b>Livno</b>	100,8	59
<b>Bjelašnica</b>	86,6	37	<b>Mostar</b>	96,4	54
<b>Bugojno</b>	94,7	41	<b>Sarajevo</b>	89,1	40
<b>Drvar</b>	78,3	28	<b>Sanski Most</b>	67,9	27
<b>Gradačac</b>	64,4	15	<b>Stolac</b>	67,6	26
<b>Ivan Sedlo</b>	90,0	50	<b>Tuzla</b>	80,8	28
			<b>Zenica</b>	95,4	55



Total precipitation during the summer was below average (1961-1990), except MS Livno where they measured the amount of rainfall during the summer of 2011 were by 1.6 l/m<sup>2</sup> the above average. Total precipitation ranged from 124.9 l/m<sup>2</sup> in Stolac to 258.9 l/m<sup>2</sup> to Ivan Sedlo. Deviation from the average amount of precipitation ranged from 62.8% in Bihać to 100.8% in Livno. According to the percentile distribution of rainfall amounts are classified into categories of very arid, dry and normal. The total amount of rainfall that was measured in June were below year average at all stations. Extreme drought is registered in the Stolac area in June. The third decade of June in MS Bihać, Livno and Sanski Most were no rainfall. In July at all stations except in Bihać measured precipitation above average. Precipitation in third decade of July was the highest during the summer of 2011. August was characterized a long drought period. Most days (four) in August with rainfall  $\geq 1.0$  l/m<sup>2</sup> recorded in Bihać. The total amount of rainfall that was measured during August were registered in first decade of months.



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<sup>1</sup> Precipitation in relation to average