



Precipitation and Temperature for winter season 2013/2014 for RS, BH

The prediction for the last season was *'not correct'*, as is qualified as *'no signal'* for both of parameters, but the occurred weather was *very warm* (south) \ *extremely warm* (north and central) and very dry. The temperature conditions was at the level of 2007. This is the 16th driest winter from 1881 up to now.

Statistics of those weather events, regarding to mean temperature and precipitation are given in figures 1-4.



Figure 1: DJF 2013/2014, Tmean anomaly over area of Srpska

December was the driest month on record, from 1881 till present. Deficit of precipitation ranged from 99,6% in Banja Luka to 78,1 in Rudo, regarding to 1981-2010 climatology. January recorded positive trend of precipitation of 90% in the South and negative trend in the rest of Srpska of 40%. In average over all area, February was drier for 5.2%; north-west was more rainy (Priedor +0.95; Drinic 0.83; Zvornik -0.65; Visegrad -0.89).

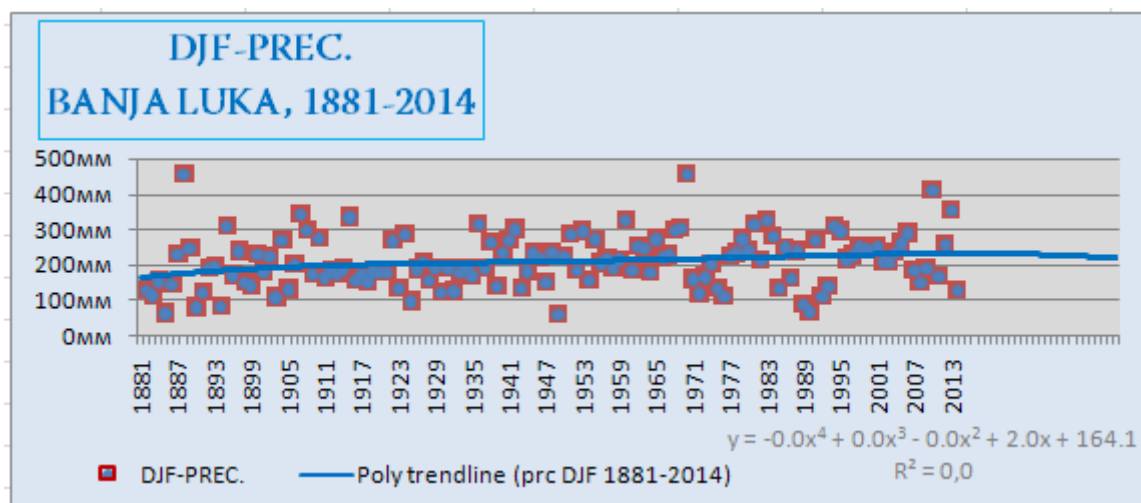


Figure 2: The winter precipitation in Banja Luka, Srpska 1881-2014.

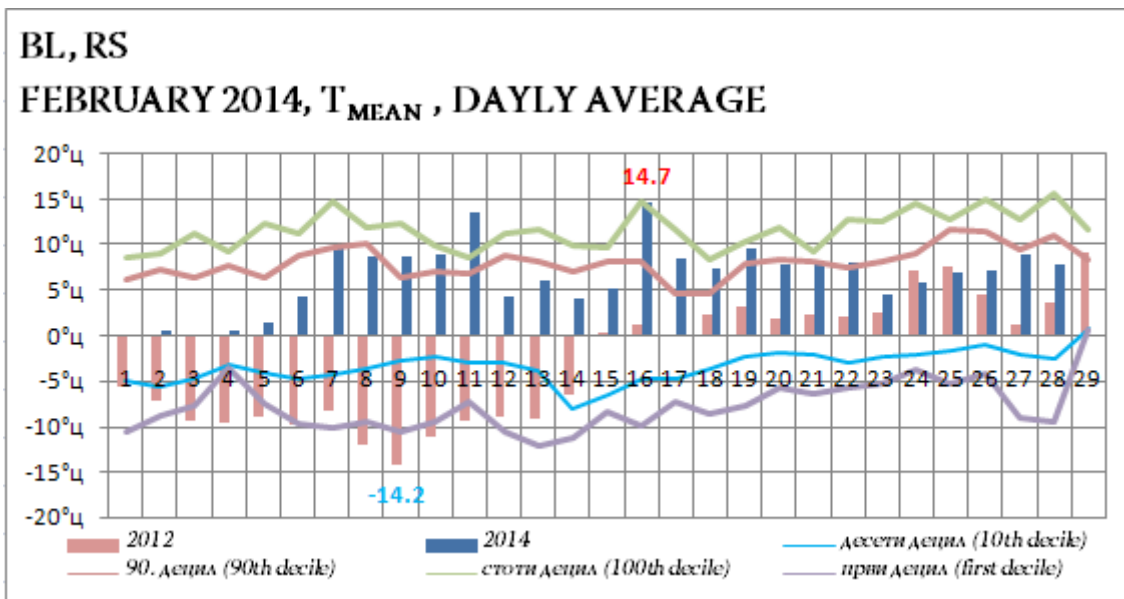


Figure 3: Temperature, daily mean ($^{\circ}\text{C}$), February 2014 compared to February 2012 as extremely warm and extremely cold weather for Banja Luka, Serbian Republic.

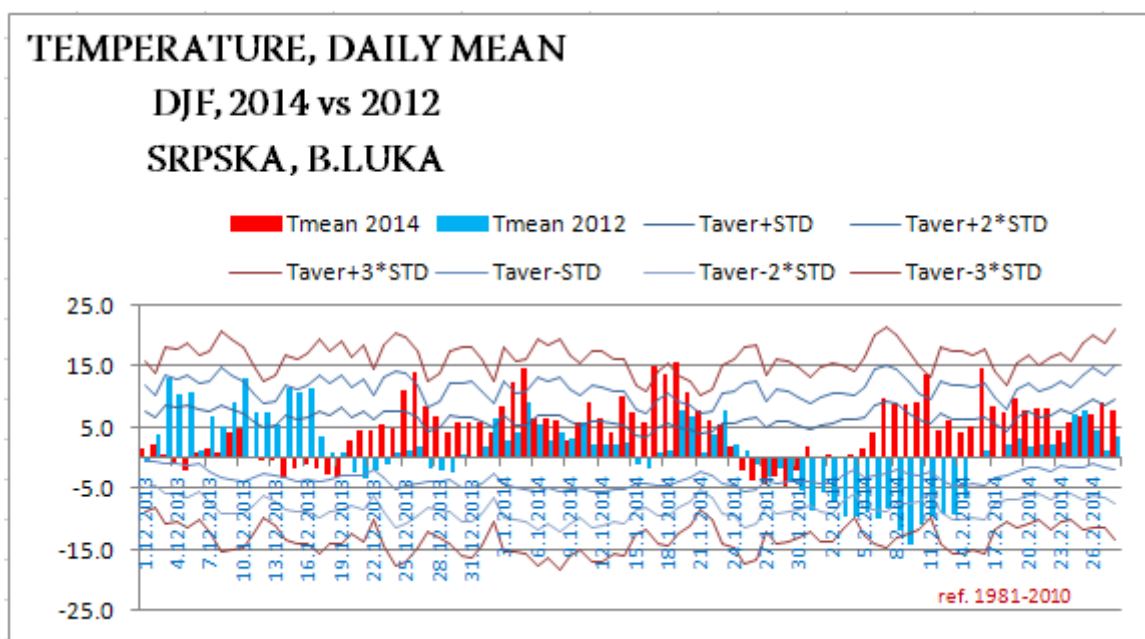


Figure 4: The DJF 2014 Temperature in BLuka , daily mean ($^{\circ}\text{C}$) compared to $t_{\text{mean}} \pm 1-3$ standard deviations

The DJF 2013/2014 highest daily temperature of 23.9°C (February, 17th) is registered in Visegrad, the lowest one of -17.9°C (January 27th) in Drinic.

It was the warmest in Trebinje (8.6°C), the coldest in Cemerno (1.3°C), according to daily mean temperature ¹.

¹ $(t_{07}+t_{14}+2*t_{21})/4$

