



The annual number of days with unusual temperatures in 2007

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The year 2007 started with the warmest January ever recorded at Zagreb-Grič (1862-2007). Winter and spring were also the warmest, summer was much warmer compared to the average and only autumn was colder. The paper discusses the annual number of days with unusual temperatures if compared to the average noted down in the years 1961-1990 (days above 90th percentile or days estimated as very warm and extremely warm and days below 10th percentile or days estimated as very cold and extremely cold compared to the average) at Zagreb in the period 1862-2007. Secular trends at Zagreb Grič of annual number of days above 90th percentile indicate a positive significant trend of 14.2 days/100 years while for days below 10th percentile, a significant negative trend of -16.8 days/100 years. In 2007 at Zagreb Grič were 99 days above 90th percentile, more was only in 2000 (102 days above 90th percentile). The number of days estimated as very cold and extremely cold was 18 and only 6 years had smaller number. At Zagreb-Grič 2007 was the second warmest year.

Key words: climate change, Zagreb-Grič, air temperature