



## **Analysis of selected extreme meteorological events in the Czech Republic**

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Recently, a lot of attention has been paid to future climate changes, possible shifts in weather extremity and resulting increased risk in many sectors. However, before one can make any conclusions about future changes, it is necessary to study the occurrence of weather extremes in present and recent past. Therefore our research is aimed at analysis of extreme events in the Czech Republic in the period of 1961-2010, their spatio-temporal extent and evaluation of extremity. In present study we refer about selected events of very high air temperature (hot waves), episodes of extremely low air temperature, and occurrences of sudden air temperature drop. The work has been supported by the grant P209/11/1990 funded by the Czech Science Foundation.