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Changes in Thermal Extremes in Poland

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A b s t r a c t

Changes in thermal extremes of the climate of Poland in 1951-2010 are examined. Warm extremes have become more frequent, while cold extremes have become less frequent. In the warming climate of Poland, the increase in the number of extremely warm days in a year and the decrease in the number of extremely cold days in a year have been observed. Also the increase of the maximum number of consecutive hot days in a year and the decrease of the maximum number of consecutive very cold and extremely cold days in a year have been observed. However, the trends are not of ubiquitous statistic significance, as the natural variability is strong.

Key words: climate change, temperature, cold wave, heat wave, Poland.

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