

Has the heat wave frequency or intensity changed in Poland since 1950?

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Different heat wave characteristics: number of days with temperature exceeding selected thresholds (25°C or 30°C), the 95th and 99th percentile of daily maximum temperature, the longest duration of heat wave, the cumulated sum of degrees above selected thresholds have been considered and their temporal and spatial variability in Poland is presented. The conditions favoring the appearance of heat waves were also distinguished. Among potential candidates are precipitation, dryness and circulation indices.