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Variability of climate and climatic extremes in Siberia

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The results of the analysis of climate variability and extreme climatic events in Siberia region in the 20th century are given. Temporal variability of maximal/minimal air temperature, maximal amplitude of diurnal course of temperature, maximal change of air temperature and atmospheric pressure during a day, and other parameters characterizing climatic extremes were studied. Climate anomality index and climate changeability index were used for quantitative estimation of the climate variability. These indices have been calculated using data on air temperature, atmospheric pressure, and precipitation from 1881 to 2005 yr. It was found that climate variability and anomality has not increased during the 20th century. Statistically significant negative linear trend was revealed for year to year changeability of air temperature.