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An analysis of changes in soil freezing parameters (freezing depth and freezing time) in the Arkhangelsk region for a period of 1961–2020, as well as for 30-years intervals within this period (1961–1990, 1971–2000, 1981–2010, 1991–2020), was conducted. A decrease in the freezing depth was revealed during all periods, except for 1961–1990. The linear trend coefficients for the freezing depth were calculated. A trend towards a shift to later dates was found in the dates of the onset of the first and stable freezing.

Keywords: freezing depth, dates of first and stable freezing, surface air temperature, linear trend

Tab. 3. Fig. 1. Ref. 6.