## The ecological aspects of the ground-level ozone monitoring in the Kola Peninsula.

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Using the results of 5-year observations in Lovozero, the results of observations in the center of Apatity city and in its suburbs (2 km from the city limits) calculated are the probabilities of appearance of different gradations of the ground-level ozone concentrations.

Signs of photochemical smog during summer period in Apatity city are not detected. The maximal concentrations of the ground-level ozone are far from reaching the maximum allowed ones and its absolute value does not exceed concentrations of ozone at the upper edge of the boundary layer. This is an evidence of mainly dynamical source of the surface ozone in the high latitude atmosphere.

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