Statistical Processing of Tropospheric Ozone Concentrations in the Moscow Region

V. G. Sister, A. N. Tsedilin, N. V. Vorobyova, Yu. V. Vorobyov

Moscow State Engineering University (MAMI), Moscow; Tambov State Technical University, Tambov

Key words and phrases: air pollution; distribution function; ground-level ozone; ozone concentration; probability of exceeding MPC.

Abstract: The paper describes the results of statistical processing of observations of ozone concentrations in the five districts of the Moscow Sea region during the winter season 2012–2013. The graphs of the distribution function have been built; their comparative analysis has been made.