



Yearly course of total ozone over the European territory and its trend.

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Ozone is an important trace gas in the atmosphere. This paper is devoted to the spatial distribution of total ozone yearly course over the territory of Europe. We use TOMS data from the period 1979-2007 and we especially search for longitudinal differences in the yearly course of total ozone, because latitudinal differences are known (smaller yearly course in the low latitudes and high yearly course in the high latitudes). We try to calculate the trend of the differences between the months with maximal and minimal total ozone values in the year from the period 1979-2007 and we look for the connection between these differences and the average value of total ozone.