

The ozone trend in the last 5 years at mid latitudes

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An analysis of the total ozone over the Balkan region is presented. For this purpose data from the SCIAMACHY experiment on board the ENVISAT satellite are used. The investigation is made for Athens ($37^{\circ} 59'N, 23^{\circ} 46'E$), Thessaloniki ($40^{\circ} 31'N, 22^{\circ} 58'E$), Sofia ($42^{\circ} 39'N, 23^{\circ} 23'E$) and Bucharest ($44^{\circ} 28'N, 26^{\circ} 17'E$) in the 5-year period 2004-2008. A comparison between the courses of the monthly mean ozone values over these places is shown. The calculated linear ozone trend for this time interval is analyzed. A seasonal dependence of the ozone trend is registered.