



## **Climatology of the relationship between ozone lamina number and daily value of total ozone**

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This poster deals with relationship between positive and negative lamina number and daily values of total ozone at the ozonsonde stations with sufficient length of observations. We search for this relationship at the European and the Japanese ozonsonde stations as well at the American and Canadian midlatitude stations and at the stations in the high latitudes. At the European midlatitude stations there is a strong positive correlations between daily values of positive lamina number and daily values of ozone amount up to 30 km. These correlations are weaker and negative for negative lamina number. Are these findings geographically dependent? Is any latitudinal dependence of this relationship? Are there any differences between the Arctic and the Antarctica? This poster try to answer these question.