



Stratosphere in the anomalous autumn 2006

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Autumn and the beginning of winter 2006 were extremely warm in the European middle latitudes. The aim of this paper is to find if this warm weather has any response in the stratosphere. We use selected radiosonde stations from the middle and high latitudes of the Northern Hemisphere and we use the following characteristics : geopotential height, temperature, wind speed and direction at 250, 200, 150, 100 and 50 hPa and we compare these characteristics with their mean values. We look for the occurrence of strong departures of these characteristics from their means.