



## **The stratospheric circulation during the Arctic winter 2005/06**

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The stratospheric circulation displays a wide range of interannual variability in winter and spring leading to a different activation of ozone destroying species. The large-scale development of the stratospheric circulation during the northern hemispheric winter 2005/06 will be shown by several relevant parameters such as temperature, geostrophic wind, potential vorticity, planetary wave activity and the resulting heat fluxes. Special emphasis will be placed on the period of the ENVISAT Validation 4 campaign in January/February 2006. The stratospheric winter 2005/06 will be evaluated by comparing the temperature and polar vortex evolution to the long-term record of data from the Stratospheric Research Group Berlin.