STRATOSPHERE AND MESOSPHERE AS SEEN BY GOMOS

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OMOS (Global Ozone Monitoring by Occultation of Stars) on board Envisat measures O3, NO2, NO3, neutral density, temperature, aerosols, H2O, and O2, in the stratosphere and mesosphere. Since 20th of March 2002 GOMOS has performed over 50000 occultations. The validation of GOMOS products is still ongoing and major improvements of retrievals are expected to happen during 2003. In this talk we present a overview of the results in the form of data movies. We also present comparisons to atmospheric models, meteorological data, climatological data, and to data from other satellite instruments.