



## **Comparison of recent satellite stratospheric chemistry observations with a three-dimensional model**

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Recent satellite missions are starting to produce a wide new range of observations of chemical species in the stratosphere. These new data are coinciding with improvements in three-dimensional (3D) stratospheric models such as higher resolution, larger domains, long-term simulations and the possibility of chemical data assimilation.

In this talk I will give a summary of comparisons between the TOMCAT/SLIMCAT off-line 3D CTM and recent satellite observations from instruments on board ENVISAT, AURA and other platforms.