

## Ozone hole seen by GOME during 1996

This animation, using one frame per day for the period starting from the beginning of October 96 to the end of November 96, shows the variation of the distribution of total column ozone over the south pole as measured by the GOME instrument. These pictures (GOME Level 4 products) were generated by KNMI. Observed total ozone columns (GOME level 2 product, generated at D-PAF) were assimilated into a dynamical model. In this way the transport of ozone due to wind fields can be visualized. The growth and the filling up of the 1996 "ozone hole" (ozone columns less than 200 DU) can be clearly seen.