

***Interactive comment on “Mesospheric N₂O
enhancements as observed by MIPAS on Envisat
during the polar winters in 2002–2004” by
B. Funke et al.***

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Brief comments

In p.10564 I.23 says that Mipass passes the equator at 10:00am, the local time at the tangent height is around 10:30am.

In p.10566 I.11 ECMWF is not defined (i.e. European Center for Medium ...)

In p.10570 I.9 says 58km why 58km if the actual tangent height is 60km. In the same page L.21 what is a curved relationship?

Are MEPED p.10572 I.11, WACCM p.10576 I.14, MSIS and SABER I.21 defined?

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Figures 1,2,3,4,6 will be easier to read if they have the dates in the X axis formatted as in figure 5.

In Figure 5 p.10591, is the single measurement noise error useful here? We do not know how many measurements have been averaged so cannot know what reduction ($\sim\sqrt{n}$) is to be expected in these plots.

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 10561, 2008.

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