

Interactive comment on “Validation of MIPAS-ENVISAT H₂O operational data collected between July 2002 and March 2004” by G. Wetzel et al.

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Received and published: 6 May 2013

First of all we thank the referee for her/his effort to carefully reading the manuscript and for all comments and suggestions for improvements.

Major comments:

- 1) We harmonized the figures as far as possible.
- 2) We mention the smoothing not only in the figure caption but also in the text.

Minor comments:

C1971

p. 4441, l. 11:

A reference is given in the text now.

p. 4445, l. 17-19:

We included a bit more details on the observed deviations.

p. 4447, l. 15:

Corrected.

p. 4448, l. 5:

It is mentioned in the text now.

p. 4449, l. 11 and p. 4450, l.10:

In general, our categories to look for latitudinal differences among matches were from 0-30°, 30°-60° and 60-90°. However, no collocations above 80°S/°N were found between MIPAS and HALOE or MIPAS and SAGE II. We changed the heading of the corresponding figures and tables as wished by the reviewer.

p. 4452, l. 19:

We give the corresponding pressure value in the text now.

p. 4487, Fig. 18:

We mention the smoothing in the figure caption now.

p. 4441, l. 17:

Corrected.

Interactive comment on Atmos. Chem. Phys. Discuss., 13, 4433, 2013.

C1972