

Interactive comment on “Data assimilation of stratospheric constituents: a review” by W. A. Lahoz et al.

W. A. Lahoz et al.

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We thank Ref. 2 for his/her constructive comments. This is our response:

Specific comments (numbering corresponds to that used by the referee):

1. We will change the sentence in the abstract to reflect the referee's point about there being many methods of data assimilation.
2. We will change the sentence to address the referee's point about models.
- 3-4: We will amend the text as suggested by the referee.
5. Presumably this issue will be dealt by the copy editors at ACP/ACP.
6. We will add the further distinction between NWP and chemical models identified by the referee.

7. We will add a sentence to address the point made by the referee about Gaussian error statistics.

8. We will add the second factor identified by the referee concerning the behaviour of the data assimilation experiments described by Khattatov.

9-10: We will amend the text as suggested by the referee.

Interactive comment on Atmos. Chem. Phys. Discuss., 7, 9561, 2007.

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Interactive Discussion

Discussion Paper