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Interactive Comment

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## *Interactive comment on* "On the quality of the Nimbus 7 LIMS Version 6 water vapor profiles and distributions" by E. E. Remsberg et al.

## W. Lahoz (Referee)

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Received and published: 24 November 2009

The paper is very useful to the scientific community and is worthy of acceptance in ACP. In my opinion, the authors have addressed satisfactorily the points raised by referee 1. I understand the authors are making some changes to the text that should improve further what is already a good paper.

Consequently, and pending receipt of this new version, I would only ask that the authors consider making the following changes, which should make the paper clearer:

(1) P. 17911, I. 20. Provide a reference for the statement regarding the increase of methane in the stratosphere;

(2) P. 17916, I. 14: Provide a reference for the MLS website, i.e., give its http address;

(3) P. 17919, I. 23: I understand H2Oe is 2\*CH4+H2O, but as far as I can tell, this has not been introduced in the text. If H2Oe is indeed this, please introduce it.

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 17903, 2009.

## **ACPD**

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