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8, S1760–S1761, 2008

Interactive Comment

Interactive comment on "Measurement and interpretation of gas phase formaldehyde concentrations obtained during the CHABLIS campaign in coastal Antarctica" by R. A. Salmon et al.

R. A. Salmon et al.

Received and published: 19 April 2008

We have made changes to the manuscript such that:

1. The final sentence of the second paragraph reads, "the snowpack in polar regions is a major source of formaldehyde to the polar boundary layer."

2. Regarding the comparison of Halley and Neumayer, we have expanded on the boundary layer height definition, and added a line in the Results and Discussion section explaining that because both sites are on relatively narrow coastal ice shelves, we have no reason to expect the boundary layer height and other factors (such as open water



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leads) to differ.

3. Equation one has been corrected.

4. An additional table has been added, summarising mean monthly HCHO concentrations, min/max values, standard deviation, and limit of detection.

Interactive comment on Atmos. Chem. Phys. Discuss., 8, 2337, 2008.

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