

Interactive comment on “Dynamics of the Antarctic and Arctic mesosphere and lower thermosphere – Part 1: Mean winds” by D. J. Sandford et al.

D. J. Sandford et al.

D.J.Sandford@bath.ac.uk

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Answers to referees comments:

1. Low meteor counts has been clarified in the manuscript and quantified
2. Corrected the mistake
3. Text has been added to the results and also in the discussion to clarify the usefulness of the URAP results.
4. The radar at Molodezhnaya was a meteor radar no MF, my mistake.

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5. Discussion on the possible Antarctic summertime variability being a result of northern hemisphere stratospheric planetary wave activity has been included.

6. More comments on the decadal-scale trends in the Merzlyakov et al., 2009 paper have been added to the discussion.

Minor corrections have been taken care of.

Final comment on Figures 9 – 13 is not understood by the authors. I have checked that the colour bars do match the contour lines of the plots and figure 12 does indeed have a yellow bar. This may be due to a bad print of the manuscript.

Interactive comment on Atmos. Chem. Phys. Discuss., 10, 17527, 2010.