

Interactive comment on “Mesoscale temperature fluctuations in the Southern Hemisphere stratosphere” by B. L. Gary

B. L. Gary

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I published the SH analysis separately from the NH analysis because in my first paper I didn't realize all data was from the NH and I wanted the SH results to be published.

Doing the same analysis for the upper-troposphere is not feasible because the MTP data are much less accurate when lapse rate is close to adiabatic.

Doing an analysis for the tropics is probably not feasible because there isn't much flight data for these latitudes in the MTP archive.

The suggestion about repeating the analysis using a different filter than the double-boxcar 400 km smoothing is interesting. This is feasible, even though I'm retired, and I will give it consideration.

I thank the reviewer for these comments and suggestions.

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Interactive Discussion

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Interactive comment on Atmos. Chem. Phys. Discuss., 8, 9167, 2008.

ACPD

8, S3254–S3255, 2008

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