

Interactive comment on “Stationary planetary wave propagation in Northern Hemisphere winter – climatological analysis of the refractive index” by Q. Li et al.

Q. Li et al.

Received and published: 19 November 2006

We are thankful the comments by the referee. They are very helpful for our rethinking of the analysis in this paper.

Reponse with each comment listed beneath, respectively:

1. P9042, lines 1-10.

The authors have tested the averaging computation in both ways: doing average of wind from 1958 to 2002 then calculating the wind shear; calculating the wind shear per day then doing average from 1958 to 2002. It is found that the results are identical for both ways. About the question that the extratropical region at 70hPa of frequency of

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

negative refractive index squared does not coincide with a region of negative vertical wind shear, it has been discussed in reply to referee 2 (point 2).

2. P9038, line 4.

The “And” will be deleted.

3. P9059, Fig.3 heading and legend.

Instead of the “quadric”, it will be changed to “quadratic”.

Interactive comment on Atmos. Chem. Phys. Discuss., 6, 9033, 2006.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper