

Interactive comment on “Wave fluxes of equatorial Kelvin waves and QBO zonal wind forcing derived from SABER and ECMWF temperature space-time spectra” by M. Ern and P. Preusse

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The authors would like to thank both Anonymous Referees for their very helpful comments!

In the following a list of the main changes that will be made in the revised manuscript is given:

- we will introduce a new section of error discussion covering errors of
(1) Kelvin wave accelerations and momentum fluxes (especially because of the oscillation found in the SABER data)

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(2) the acceleration terms that are derived from the ECMWF background atmosphere

- some more information will be given about the ECMWF system
- smoothing of the SABER data will be introduced before starting the discussion of Kelvin wave accelerations, this discussion will be based on smoothed SABER data only to avoid duplication

Also the other comments will be treated in detail. A detailed point by point response will be given together with the revised manuscript.

Best regards,
Manfred Ern

Interactive comment on Atmos. Chem. Phys. Discuss., 9, 5623, 2009.

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