

***Interactive comment on “Observations of in-situ generated gravity waves during a stratospheric temperature enhancement (STE) event” by A. J. Gerrard et al.***

**A. J. Gerrard et al.**

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Received and published: 24 October 2011

Anonymous Referee #2

*1st paragraph of Intro: 2004 isn't really all that "recent" is it?*

We agree – this word has been removed from the manuscript.

*Section 3: does "Brunt-Vaisala" need any umlauts or anything?*

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Brunt-Vaisala has been changed to “buoyancy period”

*1st para Conclusions: you state "no indication of any wave structures below the STE...peak"... does this have to do with lack of waves or lack of data?*

This statement has been clarified in the revised manuscript.

*3rd para Conclusions: what is "till" ? Are we farming?*

We have corrected this expression in the revised manuscript.

*Figure 1... I like the MegaBarrs, but maybe change them to milli? (mB)*

This was an artifact from the original figure, and this distinction is now made in the figure caption.

*Figure 3: Never did tell us how you drew those lines!!*

The lines were sketched by inspecting of the data. This information is now in the text and figure caption of the revised manuscript.

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Interactive comment on Atmos. Chem. Phys. Discuss., 11, 14221, 2011.

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