

Interactive
Comment

Interactive comment on “Application of GPS radio occultation to the assessment of temperature profile retrievals from microwave and infrared sounders” by M. Feltz et al.

M. Feltz et al.

michelle.feltz@ssec.wisc.edu

Received and published: 16 September 2014

In response to the two points brought up in the editor’s comments from 23August2014:

1. We agree with comment 1’s concern – the suggested additions will be added to the paper and are believed to add clarity in interpretation of the results.
2. The global Figure 6 (ALL GRAS minus ALL COSMIC) result was obtained using global averages that were weighted by the total number of profiles. To obtain better estimates of the global mean temperature from COSMIC and GRAS, calculations of global temperatures averaged using cosine weighting of latitude were performed.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



Specifically, 1 degree latitude bin mean temperatures were calculated and then cosine weighted by latitude. This result is shown in Figure A and will be inserted as the new Figure 6 global result in future revisions of the manuscript.

Interactive comment on Atmos. Meas. Tech. Discuss., 7, 5075, 2014.

AMTD

7, C2695–C2697, 2014

Interactive
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

C2696



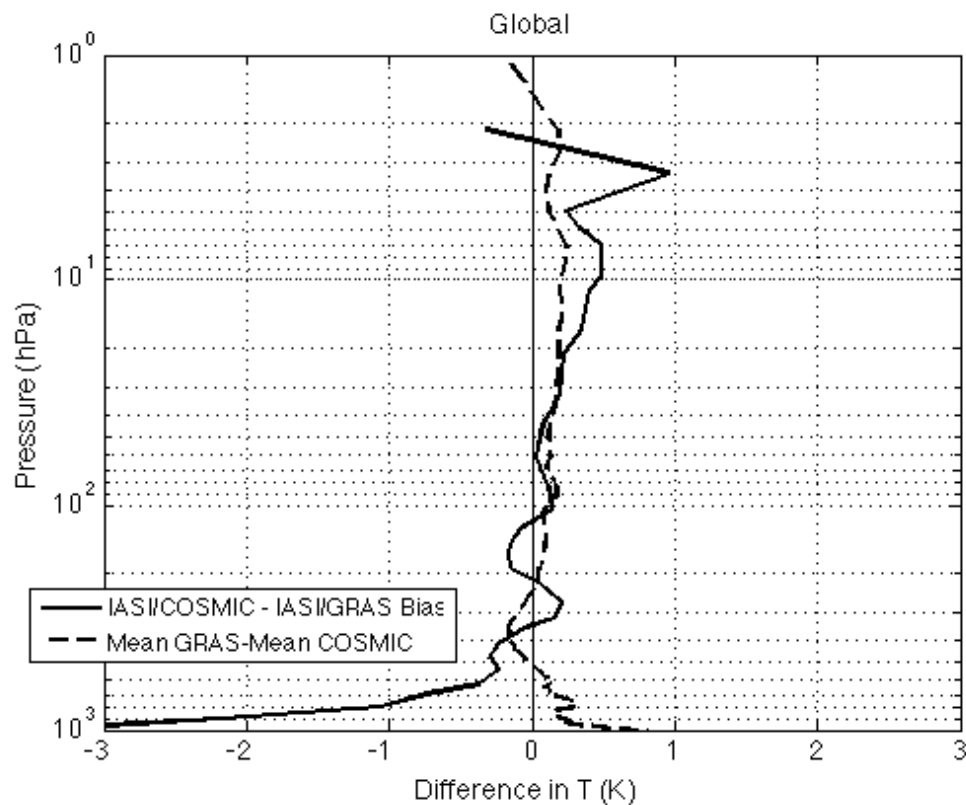


Fig. 1. Figure A. Update of Manuscript Figure 6 global result.

Interactive
Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper