

Interactive comment on “Bannerclouds observed at Mount Zugspitze” by V. Wirth et al.

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We are grateful to the reviewer for his numerous useful comments and technical corrections. They helped us to improve the text. We exactly followed the reviewer's suggestions except where noted below.

6. We now write "on the eastward side of the ridge", which is what we really mean. It is the eastward side of that ridge which is visible from the Zugspitze summit.

9. The whole sentence was deleted.

15. We wholeheartedly agree with the reviewer: ideas should be attributed to people, not to papers!

General comment on figures: We thank the reviewer for this suggestion and shall use more standard notation in the future.

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Figure 2 (the map of mount Zugspitze): The map in figure 2 shows mount Zugspitze in Mercator projection which is a conform projection, i.e. it preserves the form and thus also the aspect ratio of small objects (at least up to hundred km). A presentation in 'universal transverse mercator' (UTM) projection would mainly change the annotation on the axes, rendering it difficult to locate the small map on the globe. We thus decided not to change the figure. We now say in the figure caption that the map uses Mercator projection.

Figures 9 and 11: We completely agree, the figures were too small to be read properly. We contacted the staff of ACP, and they promised us that the final paper will be published (electronically, but, so-to-speak) on DIN-A4 paper, implying that there is a lot more space for these figures. Actually, these 6-panel figures were designed specifically to be well readable on DIA-A4 paper. We shall make sure during the production process that these figures are well readable.

Figure 10b and 12b: we changed the legend to launch time rather than ascent number (and changed the caption accordingly).

Figure 12: thank you for pointing this out to us. We removed this date line.

Interactive comment on Atmos. Chem. Phys. Discuss., 11, 29407, 2011.

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