

Final Revision

Paul Ockenfuß, Michael Frech, Mathias Gergely, Stefan Kneifel

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Reviewer 1

General Comments

Thank you for the clarification, we added the corresponding reference!

Reviewer 2

General Comments

Thank you, these elaborations of your perspective are very helpful. Your conclusions are generally correct. Nevertheless, we decided to restructure the discussion, to bring it more to the point and hopefully introduce more clarity. For this task, we split it into two distinct parts. In part one, we discuss the microphysical perspective and implications of our findings, including the results of Fig 12. In part two, we discuss potential sources of uncertainty of our method, namely the differences in radar sensitivity introduced by the clutter filter and the effect that vertical air motions could potentially have on our results. We hope that this makes it easier to follow the narrative/”red line” of our arguments.

Other notable changes

We decided to include a (better) representation of the terrain elevation in the map in Fig. 1. The previous background was more for illustrative purpose, while the new background provides quantitative values.