

Interactive comment on “Analysis of long-term precipitation pattern over Antarctica derived from satellite-borne radar” by L. Milani et al.

Anonymous Referee #2

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For the manuscript to be publishable, I think the authors should at least answer the following questions:

1. The difference between KB09 and 2C-Snow is due to (1) temperature threshold for snow, (2) difference in Z-S relation, or (3) difference in surface contamination removal?
2. What do the comparison results among ERA-I, HB09 and 2C-Snow tell us, except for saying they are different? Can the authors at least indicate which one is likely more reasonable?
3. The comparison with ADG data (Figs.8 &9) is confusing. What do these figures exactly mean?

I missed the point of this paper. In the conclusion, it says that the intention of the paper is not to identify the best algorithm, but ... However, I am wondering what else a comparison paper is supposed to do. In my opinion, it should give an indication that "this

algorithm gives a more reasonable result" although conditions may be added, such as "at such location, during such season, over such time/spatial scale, etc". Otherwise, doesn't it mean that the comparison has zero impact?

Interactive comment on The Cryosphere Discuss., 9, 141, 2015.

TCD

9, C227–C228, 2015

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