

Interactive comment on “A 18-yr long (1993–2011) snow and meteorological dataset from a mid-altitude mountain site (Col de Porte, France, 1325 m alt.) for driving and evaluating snowpack models” by S. Morin et al.

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This paper could be published as is, since it is well written and accurately describes a very useful dataset.

We thank reviewer 1 for his/her positive appreciation of our work, and provide below some replies to his/her comments and suggestions.

However, it could be a nice addition if the authors would describe in more details the quality control that they usually perform on their data. For example,

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it is written that the snow height has been manually controlled for outliers. Do the authors usually run some kind of automated algorithm to pre-filter the snow height? Are potential small offsets on the snow height detected or even detectable? A short presentation of the standard quality control toolbox of the authors could be of great benefit to the potential users of this dataset.

The quality control is mostly manual and it is now given with more details in the text. However, it has to be kept in mind that there is no automated toolbox to perform this quality control and gap-filling, which depends critically on the expertise on the person in charge of verifying the dataset.

Finally, a graph showing a relevant parameter like snow height over the whole extent of the data set could be a nice illustration of what is contained in the data set, if this could remain relatively clear. This could offer some kind of a preview of what is contained in this data set in term of variation between the years as well as maximum and minimum snow height.

Supplementary material provide plots of the meteorological and snow data for all the years, and could serve the purpose of what is requested by the reviewer. We have added one plot with albedo, snow depth and SWE for the whole record, which we propose to include in the manuscript.