

Interactive  
Comment

# ***Interactive comment on “Effects of record length and resolution on the derived distribution of annual precipitation” by C. I. Meier et al.***

**C. Meier**

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We agree with the referee's suggestions, and will moderate some of our conclusions, as well as acknowledge in more detail the assumptions behind the model.

We are also conducting the "full blind tests" that he recommends, using 52 high-quality Swiss stations, each with 32 years of continuously-recorded rain data (totalised every 10 min); our preliminary conclusions indicate that the Derived Distribution Approach still brings an improvement when estimating the interannual variability of annual precipitation, but on average only for records shorter than 6 years. These results will be incorporated in the revised manuscript.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 12, 12987, 2015.

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