Hydrol. Earth Syst. Sci. Discuss.,
https://doi.org/10.5194/hess-2018-612-RC4, 2019

Hydrology and Earth System Sciences
Discussions

Interactive comment on "Assessing the Added Value of the Intermediate Complexity Atmospheric Research Model (ICAR) for Precipitation in Complex Topography" *by* J. Horak et al.

Trevor Carey-Smith (Referee)

trevor.carey-smith@niwa.co.nz

Received and published: 21 February 2019

I have not been able to complete a proper review of this manuscript due to other more pressing time commitments. In lieu of a full review, I have a few minor comments that can be easily addressed by the authors:

1. The VCS gridded data set is a thin-plate spline based gridded observation set using a mean rain surface as a covariate. This surface is derived using "expert judgement" from observations and elevation, not from "physics-based regional climate modelling" as stated on line 3 page 7.

2. For the NCD database, a link https://cliflo.niwa.co.nz could be included.

3. The caption for Figure 4 has the elevation of Albert Burn as 120m it should be 1280m.

From my cursory read of this manuscript, I think it will be of interest to readers and is well worth publishing.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2018-612, 2018.