Hydrol. Earth Syst. Sci. Discuss., doi:10.5194/hess-2015-520-AC1, 2016 © Author(s) 2016. CC-BY 3.0 License.



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Interactive comment

Interactive comment on "Trends in evaporative demand in Great Britain using high-resolution meteorological data" by E. L. Robinson et al.

E. L. Robinson et al.

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We thank Dr Weedon for his comments, and intend to implement changes to address all of them.

- 1) We will add the missing variable (wind speed).
- 2) Yes, the effect of lying snow will be different from intercepted water. However, as Dr Weedon states, for much of Great Britain snow days are rare. For regions where there is lying snow, this occurs during times when the evaporative demand is low, as the atmosphere is cold and wet. Therefore the difference of accounting for canopy snow as distinct from canopy water would be small. However, we do agree that it would be useful to mention this in the manuscript, and will do so.

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Discussion paper



- 3) We agree with the different wording and will change it accordingly.
- 4) These have been calculated, and will be added to the text.
- 5) These will also be added to the text.

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