

***Interactive comment on* “The challenges of an in situ validation of a non-equilibrium model of soil heat and moisture dynamics during fires” by William J. Massman**

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Thanks a lot to the author for pointing out the double-counting of "vapor distillation", which is a common issue while not necessarily being aware of by the community, but so crystally clear explained by this study. The manuscript is very well written and organized, the methodology, data, results, and discussions are very convincing. I would love very much to recommend accepting this paper for publication.

Some minor comments are as attached.

Please also note the supplement to this comment:

C1

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<https://www.hydrol-earth-syst-sci-discuss.net/hess-2020-193/hess-2020-193-RC1-supplement.pdf>

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