

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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I concur with the referee. I did overlook clearly stating that the bulk density of the soil is assumed to be uniform with depth. The two lines following Equation (4) now read:

“where η (m^3m^{-3}) is the total soil porosity, assumed to be temporally constant and spatially uniform (**note: these assumptions about η also apply to the soil’s bulk density and particle density as well**), ... ”

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2020-193>, 2020.