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Hydrol. Earth Syst. Sci. Discuss., referee comment RC1
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Comment on hess-2021-519

Anonymous Referee #1

Referee comment on "Resolving seasonal and diel dynamics of non-rainfall water inputs in a Mediterranean ecosystem using lysimeters" by Sinikka Jasmin Paulus et al., Hydrol. Earth Syst. Sci. Discuss., https://doi.org/10.5194/hess-2021-519-RC1, 2021

This paper perfectly interprets the composition of non-rainfall water input using data from lysimeters and meteorological data. However, author pointed out that condensation processes are dew when water originates from the atmosphere or soil distillation when the water originates from the soil beneath. Therefore, difference between soil surface temperature and dewpoint temperature of nearby air is an important factor for dew. So, Dew was therefore assigned when Ts < (Tdew− Tdew;t) where Tdew;t is set to 1:4 â□¦C in Flux partitioning (Lines 162-175).Then, how to quantify the part of dew from soil. This part of water is only the process of water migration in soil and not the input of external water.