

Interactive comment on “The influence of diurnal snowmelt and transpiration on hillslope throughflow and stream response” by Brett Woelber et al.

Anonymous Referee #2

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This is a very good manuscript that presents and analyzes a dataset of snowmelt, groundwater levels and stream stage measurements. The authors present analyses of stage a level variations, focusing on amplitude, phase shifts and so on. In general, there a few shortcomings in the manuscript. The material is presented coherently, the figures are of very good quality, and the discussion is supported by a clearly presented conceptual model.

The more frequent comments I have pertain to the organization of the text, as sometimes the authors mix result presentation with discussion. Also, grammar should be checked, as there are a few instances of mixed-up singular/plural noun and verb us-

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age. Please see the attached annotated manuscript for specific comments.

Overall, I recommend accepting with minor reviews.

Please also note the supplement to this comment:

<https://www.hydrol-earth-syst-sci-discuss.net/hess-2018-166/hess-2018-166-RC2-supplement.pdf>

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., <https://doi.org/10.5194/hess-2018-166>, 2018.

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