

***Interactive comment on “Modeling insights from distributed temperature sensing data” by C. R. Buck and S. E. Null***

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We appreciate the reviewer’s comments and feedback that will strengthen the paper including their suggestion to expound on what the DTS data reveals about the system rather than giving so much weight to the modeling.

We agree the DTS data itself provides a rich opportunity to explore and understand the system without necessarily comparing it to modeled results. The revised paper will bring out insights from the measured data related to small scale thermal variability and the Parks Creek Overflow. The refocused paper will place less emphasis on the modeling and leave out claims related to the value of DTS for improving model calibration and results, per reviewers 1 and 2.

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We also appreciate the reviewer pointing out the value of the limitations section in discussing the performance of the DTS data and installation aspects that impact temperature patterns.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 9999, 2013.

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