

Interactive comment on “Water tracks intensify surface energy and mass exchange in the Antarctic McMurdo Dry Valleys” by Tobias Linhardt et al.

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Many thanks to reviewer 1 for their thoughtful and thorough comments! We're working on addressing all of the comments and will be back soon.

Your questions about climate change and landscape response trajectories for the MDV are extremely interesting. For many water tracks, snow abundance, distribution, and duration will be an important factor for predicting changes to wetted area. While for others fed by ground ice, deepening active layer thaw is all but guaranteed to produce additional melt. This, in turn, may drive subsidence, which could trap new snow banks, encouraging further water track activity. We'll explore these ideas in more depth in our

C1

formal response.

Interactive comment on The Cryosphere Discuss., <https://doi.org/10.5194/tc-2019-8>, 2019.

C2