

Interactive comment on “High-resolution elevation mapping of the McMurdo Dry Valleys, Antarctica and surrounding regions” by Andrew G. Fountain et al.

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Author Response to Anonymous Referee #1: No disagreements, all changes requested were implemented.

General/specific comments Data is found and accessible by the identifier provided in the text. However, the coverage does not correspond to the flight lines shown in figure 4. Notably the Taylor Valley data seems to be missing.

.....Yes, we encountered that as well. Its been fixed.

Technical corrections Figure 2 caption: I –Lake Brownworth, should be L –Lake Bownworth

C1

.....Fixed

Row 79: the bathymetry issue was not discussed later/anywhere in the manuscript: (bathymetry – but not available for reasons described later)

.....Not explicitly. In Results, the paragraph starting with ‘Reliability’ (approx. 152) We said that returns of channel 3 (532 nm) were saturated making them unusable. This is the channel used for bathymetry. To clarify this association we added ‘(bathymetry)’.

Row 112: should be milliradians

.....Fixed

Figure 3: the picture needs a scale for reference.

.....Fixed

Row 144: I am not sure what this means: (flight days vs. deployment days)

.....‘(flight days vs. deployment days)’ was unnecessary so it was deleted.

Figure 8, the referencing to index letters varies for example C. is Taylor. . . , F) Pegasus.

. . .

.....Corrected to a consistent style

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C2