

Interactive comment on “Cloud and boundary layer interactions over the Arctic sea-ice in late summer” by M. D. Shupe et al.

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- 1) Some textual modifications were made in the revised manuscript to better quantify what is meant by “small” liquid water amounts, specifically that these are $LWP < 50 \text{ g/m}^2$.
- 2) The satellite images used were from MODIS, and the text has been modified to indicate this. A statement is also included in the acknowledgements on the satellite data source.
- 3) A modification has been made in the text to clarify that the dissipation rate values in question were indeed those from the altocumulus layer.

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- 4) The typo has been corrected.
- 5) Clarification has been provided on the meaning of the red and yellow bars in the revised captions for Figures 8 and 11. In short, the periods with red bars are flagged as potentially contaminated data, while the yellow bars may also be questionable due to proximity to the red bar time periods.
- 6) The axis labels were indeed incorrect in Figure 13. The plotted values have all been turned into % in order to be consistent with the labels.

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