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Interactive comment on “Near-surface meteorology during the Arctic Summer Cloud Ocean Study (ASCOS): evaluation of reanalyses and global climate models” by G. de Boer et al.

P. Guest (Referee)

pguest@nps.edu

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General Comments

This is an impressive and well-written paper that addresses an important issue: how well do various reanalysis and models perform in the Arctic? There is a large amount of information presented, but the authors do a good job of making this understandable to the reader through the use of color figures of times series and bias/range displays. The authors appear to have done the best they can at reconciling the various grid space and time resolutions of the different models. The results are well-described,

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and the authors' knowledge of the various models is apparent as they try to explain the various results. The summary/discussion is appropriate. The emphasis on cloud characteristics is appropriate given their importance to the energy balance in the Arctic.

Specific Comments

Despite a careful reading, this reviewer did not find any problems with the paper, nor did he disagree with any of the conclusions.

Technical Correction P 19433 line 20 represent » representing

Interactive comment on Atmos. Chem. Phys. Discuss., 13, 19421, 2013.

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