

***Interactive comment on “An analysis of the cloud environment over the Ross Sea and Ross Ice Shelf using CloudSat/CALIPSO satellite observations: The importance of synoptic forcing” by Ben Jolly et al.***

**Anonymous Referee #1**

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This is a very detailed description of clouds over the Ross Sea and Ross Ice Shelf based on analysis of a combined CloudSat and CALIPSO data set as a function of synoptic conditions and seasonality. The work is competently done. The results are of climatological interest to those specialists dealing with the atmospheric processes in this region. Readability will be greatly enhanced by adding subsections to Section 3. This will help to keep one's attention focused on the detailed analyses being presented. I would add the specific labels to Figure 2: 2BGL4, 2BGL5, and and 2BCL4.

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Interactive comment on Atmos. Chem. Phys. Discuss., <https://doi.org/10.5194/acp-2017-547>, 2017.

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