

Report on the author's response to review of: Quasi-Lagrangian observations of cloud transitions during the initial phase of marine cold air outbreaks in the Arctic- Part2: Vertical cloud structure.

I am satisfied with the authors' responses to my comments and with how they have improved the manuscript accordingly. I do not have any further questions on this matter, and I am in favor of the manuscript's publication, provided there is no strong opposition from referee #2, who has raised major concerns. I believe that most of the concerns raised by referee #2 are valid. However, I am not very familiar with the methods used in this manuscript. Therefore, I believe that referee #2's assessment of the authors' responses (especially those related to the major concerns) should be given significant weight in determining whether the manuscript is suitable for publication.