

Thanks for your suggestions and comments. Please find our point-to-point response in blue color.

The authors implemented appropriate changes, based on the previous review round. Several points were clarified, and the manuscript has overall improved. I recommend that it is accepted for publication. Before the final submission, I would like to ask the authors to double-check the following two points (line numbers refer to my previous review comments):

1. Lines 135-137: The occurrence frequency estimation is clarified in the authors' reply. In the manuscript, however, the original description is just deleted. I could not find this clarification. Please check.

Thanks for catching the missing definition. It will be more clearly to add “The cloud occurrence frequency can be determined through two steps: the column cloud fraction is simply the ratio of cloudy samples to the total observations in every 5-min; the occurrence frequency for each type of cloud during the entire time period equals the ratio of the number where column cloud fraction is greater than zero to the total 5-min samples.” In lines 155-158

2. Lines 188-191: Again, I could not find in the manuscript the relevant revised discussion that clarifies the issue. Please check and revise if needed.

The discussion is at lines 229-236.