

Review of “Captured Cirrus Ice Particles in High Definition” by Magee et al.

Overall recommendation

The authors made substantial revisions based on the reviewer’s comments and I believe that the manuscript now has a better shape. The overall quality of this manuscript satisfies the standard of Atmospheric Chemistry and Physics and the methods that were used in this study are solid (“seeing is believing”). I recommend this manuscript will be published on Atmospheric Chemistry and Physics. My minor comments are listed below.

In reply to author’s reply:

1. It is good to see that authors pointed this out in section 2 and conclusion sections.
2. I hope to see the improved version of ICE-Ball and use in aerosol science.
3. The authors defined several scales as nanoscale, 1-100 nm; mesoscale, 100 nm – 1 μm ; and microscale, 1 μm – 500 μm . It is strange that defined mesoscale is smaller than microscale although “meso” means “middle or between”. As the authors are aware that mesoscale is larger than microscale in meteorology.
12. A development of an automatic habit classification for the ICE-Ball data should be added on your to do list.