

Review of the manuscript numbered ACP-2019-833

Title: "Deconvolution of Boundary Layer Depth and Aerosol Constraints on Cloud Water Path in Subtropical Stratocumulus Decks" written by Anna Possner et al.

Manuscript number: "acp-2019-833".

Decision: "Accept after very minor revision"

The authors have done a comprehensive job responding to my concerns and comments from another reviewer. The manuscript is much better than the previous version. So, I think that the manuscript can be accepted after some minor revisions shown below.

Minor or technical Comment:

Line 49: "effect" should be added after "Twomey".

Line 67: Muhlbauer et al. (2014)'s PDF

Line 127: Eq. 3 should be Eq. 2. (I cannot find Eq. 3)

Line 174: "(Fig. S3)" after the sentence "Yet,  $N_d$  primarily decrease with HBL in non-precipitating BLs" is useful for readers.

Title of Section 5: I think "Conclusions and discussions" is better, because the authors discuss the difference between this study and previous studies.