

Responses to the editor comments.

Alexis, Thank you for your feedback. Below are the responses.

Comment: - Mention the soft used to process the in situ data (even if not published)

Response: It was added in the text that "The microphysical data were processed using the ECCC D2G software". Note that the D2G is not an abbreviation. Because of that it is not spelled out.

Comment: - Mention around l. 93-94 that the values provided are midpoints of the size classes (to avoid the misinterpretation of discontinuous PSD)

Response: the corresponding information was added in text.

Comment: - Add around l.189 that the DWR is not much influenced by density in the conditions under study here. I agree with Reviewer1 that if not mentioned, this could appear as a general statement, as the conditions of this study are only specified later on (l.116-117).

Response: The manuscript already states on lines 189-190 that "One of the features of DWR, is that this ratio exhibits only a relatively weak dependence on particle bulk density (Matrosov et al. 2019)". This feature is valid not only for the conditions of this study but it is more general.