

Reviewer comments for manuscript acp-2014-599: *Ice crystal concentrations in wave clouds: dependencies on temperature, $D > 0.5 \mu\text{m}$ aerosol particle concentration and duration of cloud processing*

Specific Remarks:

Page 4

line 64: change ‘is the temperature in the section of the CFDC operated above water saturation,’ to ‘temperature of the aerosol layer in the CFDC which was operated above water saturation,’

line 65: change ‘273.16 K’ to ‘273.15 K’ (applies also to Appendix B, page 27, line 542, 547, 551-554)

Page 12

line 246 change ‘four km’ to either ‘4 km’ or ‘four kilometers’

Page 17

line 368 change ‘things’ to ‘measurand’ or something equivalent

Page 18

line 389 $k_2 = 0.22 \text{ K}^{-1}$ (since the temperatures are given in K) (applies also to page 32, line 619)

It would also be better to provide T_{low} in the supplementary Excel file in K and not °C for consistency

line 389 change ‘cat’ to ‘can’

Page 19

line 391 change ‘is’ to ‘are’