

**Review of “The Diurnal Susceptibility of Subtropical Clouds to Aerosols” by Kurowski et al.
(egusphere-2025-714)**

The authors addressed my previous questions and suggestions well. I only have a few minor suggestions, and support the manuscript’s publication in Atmospheric Chemistry and Physics. I do not need to see the manuscript again.

Please note that line numbers refer to the tracked-changes version of the manuscript.

Minor Comments

Ll. 14 – 16: Based on Ll. 238 – 239, this statement should not refer to the adjustments (i.e., changes in LWP and f_c , which are both negative in the afternoon) but the overall sensitivity, combining the Twomey effect and the aforementioned adjustments.

Ll. 245 – 246: Why is the Twomey effect constant? Typically, one assumes the Twomey effect to saturate for a higher cloud albedo, as expected for higher cloud droplet concentrations. What is the reason here?

Technical Comments

L. 35: “cloud optical thickness” to “ τ_c ”

L. 99: “cloud fraction” to “ f_c ”

L. 140: “cloud droplet number concentrations” to “ N_c ”

Ll. 170 ff.: State the LWP, CRE, etc. using upright (non-italic) characters.

L. 244: Switch “ N_{25} ” and “ N_{50} ”

Fig. 1: “COT” to “ τ_c ”, “Cloud fraction” to “ f_c ”, “CTH”

Fig. 3: Units in upright (non-italic) characters.

Figs. 2, 4, 5: Panel labels overlap with the ordinate’s title.