Supporting Information

The effects of wind speed on size-dependent morphology and composition of sea spray aerosols

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CONTENT



Figure S1. Representative AFM 3D-height image of rod-shell SSA morphology at ~10 m/s wind speed within the volume-equivalent diameter range of $0.1 - 0.3 \mu m$. The relative abundance of rod-shells at each wind speed was less than 1 % of the total studied SSA population.



Figure S2. Additional IR spectra observed (at an approximate particle center) for two different rounded SSA at 10 m/s wind speed within the volume-equivalent diameter range of $0.56-1.00 \mu m$ that were distinctly different from the average spectra reported in the main text but were not included in the main text due to them corresponding to just two particles.



Figure S3. AFM-IR spectra of laboratory deposited reference compounds.