Supplement:

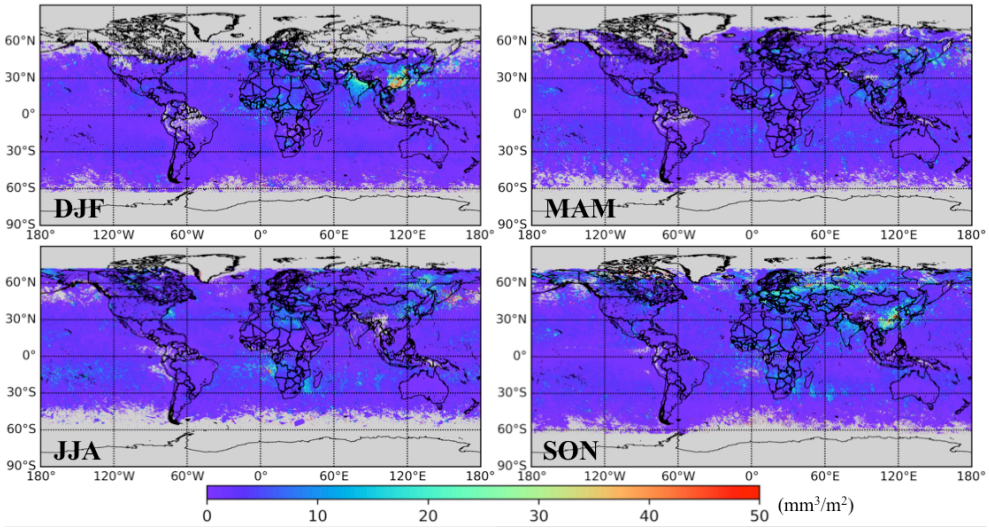

Figure S1. Seasonal variability of fine mode aerosol water content (FAWC) volume concentration (mm^3/m^2) over the globe in 2008 as retrieved by GRASP/Composition algorithm from POLDER/PARASOL satellite observations.

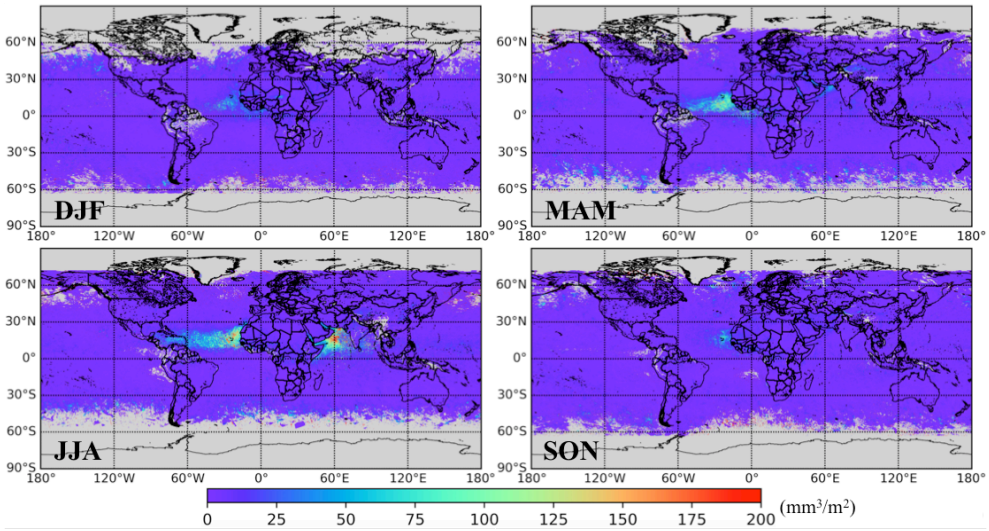

Figure S2. Same as Fig. S1, but for coarse mode aerosol water content (CAWC)

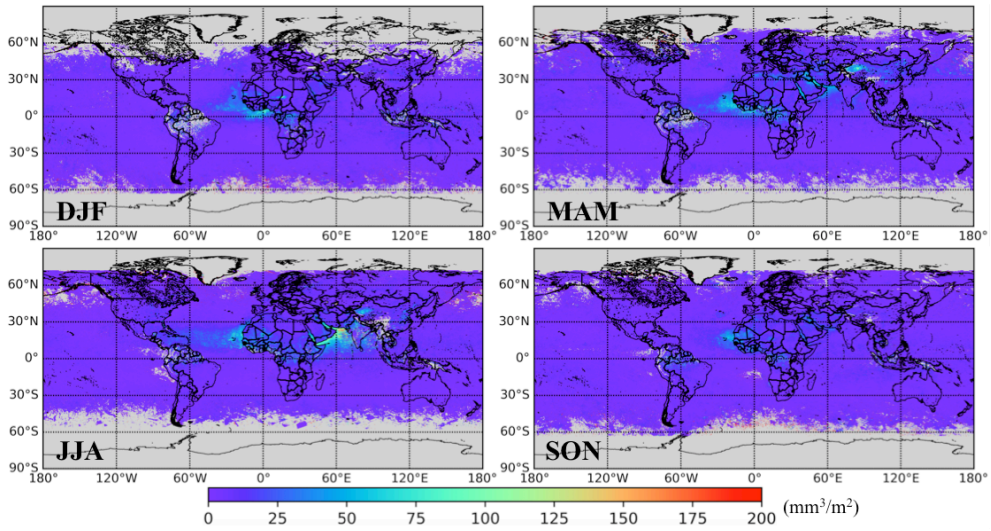

Figure S3. Same as Fig. S1, but for coarse mode non-absorbing soluble (CNAS)

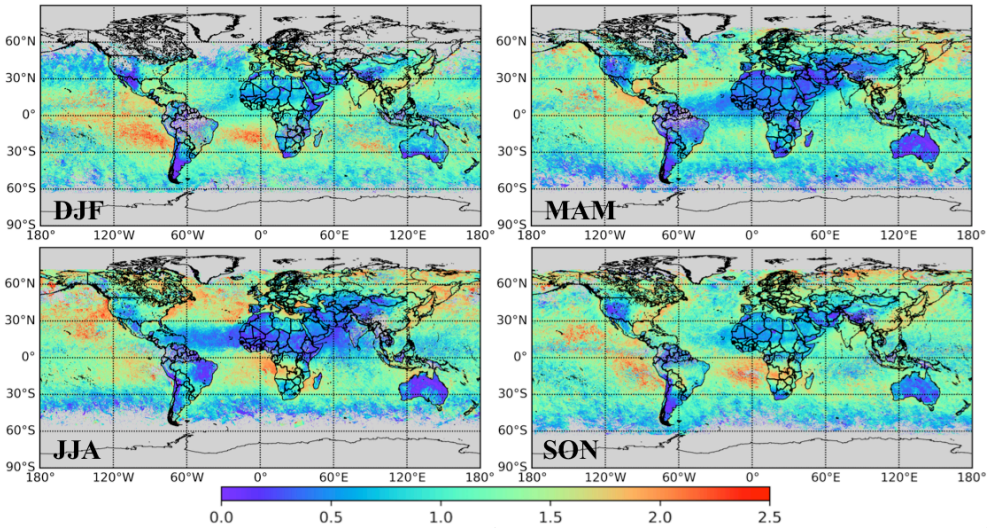

Figure S4. Same as Fig. S1, but for Ångström Exponent