

Field Name on Excel File	Field Definition
Collection method	Method used for aerosol collection
TCALC-#	Set of aerosol sample collected using the Turbulent-mixing, Condensation Aerosol Concentrator. The “#” denotes the set number for every aerosol sample collected.
37FLTR-#	Set of aerosol sample collected using a filter with a diameter of 37 mm. The “#” denotes the set number for every aerosol sample collected.
Mass	Measured particulate mass collected, $\mu\text{g}$
Tsat	Saturator temperature, $^{\circ}\text{C}$
Tgt	Growth tube temperature, $^{\circ}\text{C}$
Dp	Particle aerodynamic diameter, nm
Qhot	Water vapor flow rate, $\text{L min}^{-1}$
Qcold	Aerosol flow rate, $\text{L min}^{-1}$
GE>300 nm	Growth efficiency in optical diameters greater than 300 nm, unitless
GE>700 nm	Growth efficiency in optical diameters greater than 700 nm, unitless
GE>1400 nm	Growth efficiency in optical diameters greater than 1400 nm, unitless
CE	Collection efficiency of aerosols through TCALC, unitless
Error	Standard deviation calculated from three replicates
RH	Relative humidity of the aerosol stream, %
Nconc	Aerosol number concentration, $\text{cm}^{-3}$
Operation time	Time of operation of the TCALC, min
S	Saturation ratio, unitless

Dkelvin	Kelvin diameter (the threshold diameter of the particle that neither grows nor evaporates), nm
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