

Particle and ion concentrations, 08:00–12:00 LT

	NPF day	Non-NPF day
Cluster ions (0.8–2 nm) (cm ⁻³)	1000 (–) (862–1300)	1000 (–) (865–1300)
Intermediate ions (2–4 nm) (cm ⁻³)	10 (–) (5–22)	8 (–) (4–15)
Large ions (4–12 nm) (cm ⁻³)	29 (–) (17–56)	17 (–) (7–33)
Intermediate particles (2–4 nm) (cm ⁻³)	800 (865–1300)	640 (281–1200)
Large particles (4–12 nm) (cm ⁻³)	785 (446–1300)	321 (170–580)
CPC total particles (> 10 nm) (cm ⁻³)	1000 (607–1900)	938 (400–1800)
Full-day data		
SMPS condensation sink (s ⁻¹)	1.8 × 10 ⁻³ (1 × 10 ⁻³ –2.8 × 10 ⁻³)	3.2 × 10 ⁻³ (1.7 × 10 ⁻³ –5.3 × 10 ⁻³)
Environmental parameters, full day		
	NPF day	Non-NPF day
Temp (°C)	26.5 (24.8–31.9)	26 (24.4–29.2)
RH (%)	90.6 (66.6–96.3)	93.5 (78.9–97.6)
Precipitation rate (mm h ⁻¹)	0.16 (0.15–0.35)	0 (0–0.16)
Wind direction (°; relative to north)	83.8 (7.3–200.6)	104.2 (39.6–215.5)
Wind speed (m s ⁻¹)	0.9 (0.23–1.8)	1.25 (0.6–2.3)