

	Pasture site (T3)		Inside rainforest (T0t)	
Particle and ion concentrations				
Season	Wet		Dry	
Cluster ions (0.8–2 nm) (cm ⁻³)	1300 (-) (1000–1800)	890 (-) (468–1400)	856 (-) (535–1300) 549 (+) (298–924)	952 (-) (637–1400) 537 (+) (297–915)
Intermediate ions (2–4 nm) (cm ⁻³)	6 (-) (4–11)	5 (-) (1–10)	17 (-) (10–28) 34 (+) (20–48)	17 (-) (10–28) 34 (+) (21–48)
Large ions (4–12 nm) (cm ⁻³)	20 (-) (11–32)	12 (-) (4–25)	8 (-) (4–16) 8(+) (4–14)	8 (-) (4–16) 8 (4–14)
Intermediate particles (2–4 nm) (cm ⁻³)	612 (304–1000)	640 (291–1200)	358 (128–713)	404 (155–819)
Large particles (4–12 nm) (cm ⁻³)	363 (196–675)	314 (179–551)	115 (42–250)	141(-) (52–313)
CPC total particles (> 10 nm) (cm ⁻³)	928 (516–1500)	2000 (1100–3000)	–	–
SMPS condensation sink (s ⁻¹)	1.9 × 10 ⁻³ (9.5 × 10 ⁻⁴ –2.4 × 10 ⁻³)	5.2 × 10 ⁻³ (2.3 × 10 ⁻³ –6.1 × 10 ⁻³)	–	–
Environmental parameters				
Temp (°C)	26 (24.4–29.9)	25.9 (24.5–28.6)	24.1 (23.2–25.6)	24.5 (23.4–26.5)
RH (%)	92.8 (76–97.3)	94.6 (83–98)	96.9 (93–98)	94.4 (87–97)
Total average precipitation (mm)	35.6	49	578	236
Wind direction (°; relative to north)	114.7 (32.7–231.5)	94.7 (45.8–178.6)	94 (58–138)	105 (58–167)
Wind speed (m s ⁻¹)	1.1 (0.5–2.1)	1.3 (0.6–2.4)	0.2 (0.2–0.3)	0.2 (0.2–0.3)