

Measured parameter	Summer campaign 2015 (between 16 Jan and 3 Feb 2015)	Summer campaign 2016 (between 12 Jan and 29 Jan 2016)
Particle number concentration	CNC 3775 (TSI), cutoff $D_{p(50\%)}$ = 4 nm; 60 s resolution	CNC 3025A (TSI), cutoff $D_{p(50\%)}$ = 3 nm; 60 s resolution
Particle size distribution	SMPS 3936/WCPC 3788 (TSI); 10 min res. 1. nano-DMA 3085 (TSI), range (nominal): 2 to 64 nm, measuring period: 16 Jan to 27 Jan 2. long DMA 3081 (TSI), range (nominal): 10 to 420 nm, measuring period: 27 Jan to 2 Feb	SMPS 3936/WCPC 3788 (TSI); 10 min res. 1. nano-DMA 3085 (TSI) Range (nominal): 2 to 64 nm Measuring period: 12 to 23 Jan 2. long DMA 3081 (TSI), range (nominal): 10 to 420 nm, measuring period: 23 to 28 Jan
Bulk aerosol sampling	Teflon–nylon filter combination, about 24 or 48 h sampling intervals	Teflon–nylon filter combination, about 24 h sampling interval
Size-segregated aerosol sampling	Five-stage Berner-type impactor: cutoff (μm): 3.5, 1.2, 0.4, 0.12, 0.042, about 48 or 72 h sampling intervals	Five-stage Berner-type impactor: cutoff (μm): 3.5, 1.2, 0.4, 0.12, 0.042, about 48 or 72 h sampling interval
Meteorology	Weather transmitter WXT520 (Vaisala), U , D , T , P , RH; 60 s resolution	Weather transmitter WXT520 (Vaisala), U , D , T , P , RH; 60 s resolution