

Sensor	Pollutant	Reference average concentration ¹	Slope	Intercept	Pearson correlation, r	rms precision (%)	Number of hourly measurements
Aeroqual SM-50	O ₃ , ppb	18.8 ppb	0.56	−0.004	0.93	73	3325
			0.58	−0.004	0.92		2963
			0.77	−0.004	0.96		3279
TSI AirAssure	PM, µg m ^{−3}	7.8 µg m ^{−3}	1.14	2.64	0.8	41	3486
			1.13	−0.04	0.78		3486
			1.19	−1.38	0.81		3486
AirCasting AirBeam	Particle count, hundreds of particles per cubic foot (hppcf)	7.8 µg m ^{−3}	273	−323	0.82	6	3028
			278	−124	0.84		2539
			322	−352	0.82		2532
Cairpol CairClip	O ₃ , ppb	18.8 ppb	NA ²	NA ²	NA ²	NA ²	738
			−0.04	−23.6	−0.06		2831
			1.03	−39.0	0.46		2852
Cairpol CairClip	NO ₂ , ppb	26.8 ppb	NA ²	NA ²	NA ²	NA ²	738
			0.65	−10	0.87		2831
			0.67	−15	0.84		2852
Dylos DC1100/DC1100 Pro	“Small” particle count, hppcf	7.8 µg m ^{−3}	64	−152	0.86	15	3324
			428	−1182	0.78		3324
			431	−941	0.73		2937
Dylos DC1100/DC1100 Pro	“Large” particle count, hppcf	12.0 µg m ^{−3}	1.3	5.5	0.40	10	3324
			5.7	73	0.33		3324
			4.9	84	0.27		2937
AlphaSense OPC-N2	PM _{2.5} , µg m ^{−3}	7.8 µg m ^{−3}	0.4	−0.30	0.45	108	2969
			0.49	−1.66	0.34		2939
			0.07	0.60	0.11		2735
AlphaSense OPC-N2	PM ₁₀ , µg m ^{−3}	19.6 µg m ^{−3}	0.45	2.98	0.47	101	2969
			0.54	−1.06	0.68		2939
			0.12	2.86	0.20		2735
Shinyei PMS-SYS-1	PM _{2.5} , µg m ^{−3}	7.8 µg m ^{−3}	0.58	0.24	0.71	20	3325
			0.54	0.8	0.72		2963
			0.42	4.35	0.01 ³		3486
AirViz Speck	PM _{2.5} , µg m ^{−3}	7.8 µg m ^{−3}	0.76	13	0.24	37	3557
			0.74	15	0.40		3584
			0.62	10	0.35		3971
TZOA PM Research Sensor	Particle count, hppcf	7.8 µg m ^{−3}	NA ²	NA ²	NA ²	17 ⁴	2341
			6.68	1.37	0.66		1838
			6.75	2.16	0.72		1836