2024: daily PM-weather relationships, Vaisala

Non-event day High-PM day

	Temperature (°C)	Relative humidity (%)	Wind speed (m/s)	Station pressure (hPa)
$PM_{2.5}$ ($\mu g/m^3$)	n = 94 / 94 (raw / adj.) Raw rho = -0.22 Within-month rho = 0.20	n = 94 / 94 (raw / adj.) Raw rho = 0.04 Within-month rho = 0.05	n = 94 / 94 (raw / adj.) Raw rho = -0.28 Within-month rho = -0.22	n = 94 / 94 (raw / adj.) Raw rho = 0.03 Within-month rho = 0.02
PM_{10} ($\mu g/m^3$)	n = 94 / 94 (raw / adj.) Raw rho = 0.09 Within-month rho = 0.45	n = 94 / 94 (raw / adj.) Raw rho = -0.23 Within-month rho = -0.23	n = 94 / 94 (raw / adj.) Raw rho = -0.25 Within-month rho = -0.20	n = 94 / 94 (raw / adj.) Raw rho = 0.12 Within-month rho = 0.08

Paired daily means: >=72 common quarters and >=1080 valid minutes in both series. High PM uses yearly daily q90.
Associations are not causal; only observations from 15 February 2024 onward included.