

Air Pollution Report

1st January to 31st December 2014

Spalding Monkhouse School (Site ID: MONK)

These data have been fully ratified

Only relevant statistics for LAQM are presented in the table. Cells with - indicate no data available or calculated.

Pollutant	NO µg/m ³	NO ₂ µg/m ³	NO _x asNO ₂ µg/m ³	PM ₁₀ µg/m ³
Number Days Low	-	349	-	365
Number Days Moderate	-	0	-	0
Number Days High	-	0	-	0
Number Days Very High	-	0	-	0
Max Daily Mean	48	38	105	43
Annual Max	132	65	258	130
Annual Mean	2	10	14	18
98th Percentile of daily mean	-	-	-	37
90th Percentile of daily mean	-	-	-	27
99.8th Percentile of hourly mean	-	48	-	-
98th Percentile of hourly mean	16	34	55	46
95th Percentile of hourly mean	6	29	36	38
50th Percentile of hourly mean	1	8	10	17
% Annual data capture	95.22%	95.22%	95.22%	98.61%

Instruments:

PM₁₀: Conventional TEOM Gravimetric Equivalent

All gaseous pollutant mass units are at 20°C and 1013mb. Particulate matter concentrations are reported at ambient temperature and pressure. NO_x mass units are NO_x as NO₂ µg m⁻³

Pollutant	Air quality standard	Exceedances	Days
PM ₁₀ particulate matter (Hourly measured)	daily mean > 50 microgrammes per metre cubed	0	0
PM ₁₀ particulate matter (Hourly measured)	Annual mean > 40 microgrammes per metre cubed	0	-
Nitrogen dioxide	Hourly Mean > 200 microgrammes per metre cubed	0	0
Nitrogen dioxide	Annual Mean > 40 microgrammes per metre cubed	0	-

Annual Graph

Spalding Monkhouse School 01/01/2014 - 31/12/2014

