

# Air Pollution Report

1st January to 31st December 2018

## 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 <sup>3</sup>	NO <sub>2</sub> µg/m <sup>3</sup>	NO <sub>x</sub> asNO <sub>2</sub> µg/m <sup>3</sup>	PM <sub>10</sub> µg/m <sup>3</sup>
Number Days Low	-	365	-	341
Number Days Moderate	-	0	-	1
Number Days High	-	0	-	0
Number Days Very High	-	0	-	0
Max Daily Mean	20	35	55	53
Annual Max	109	68	233	256
Annual Mean	2	9	12	13
98th Percentile of daily mean	-	-	-	32
90th Percentile of daily mean	-	-	-	22
99.8th Percentile of hourly mean	-	46	-	-
98th Percentile of hourly mean	10	33	47	37
95th Percentile of hourly mean	6	26	33	28
50th Percentile of hourly mean	1	7	9	11
% Annual data capture	99.83%	99.83%	99.83%	94.55%

### Instruments:

PM<sub>10</sub>: BAM Gravimetric Equivalent (correction applied)

All gaseous pollutant mass units are at 20°C and 1013mb. Particulate matter concentrations are reported at ambient temperature and pressure. NO<sub>x</sub> mass units are NO<sub>x</sub> as NO<sub>2</sub> µg m<sup>-3</sup>



Pollutant	Air Quality Standards regulations 2010	Exceedances	Days
PM <sub>10</sub> particulate matter (Hourly measured)	daily mean > 50 microgrammes per metre cubed	1	1
PM <sub>10</sub> 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

