

Ratified passive diffusion tube NO₂ data Great Stuart Street 2011

Estimated annual mean is based on factors derived from ratified background data from the following AURN sites (Bush (Midlothian) / St Leonards Edinburgh)

Location	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average 7 month NO ₂ (µg/m ³)	(1) Estimated annual mean (µg/m ³)	(2) Bias Corrected Annual Mean (µg/m ³)
9 Great Stuart Street															
Façade railing @ main door						29.3	21.4	29.9	23.7	32.9	39.6	30.0	29.5	34.6	28
Façade basement						27.5	23.7	30.6	25.0	26.7	36.7	30.5	28.7	33.5	27
Façade basement/pavement						27.4	25.0	28.0	25.9	28.5	35.1	26.8	28.1	32.9	27
15 Great Stuart Street															
Façade railing @main door						26.3	25.7	36.8	25.4	34.6	35.8	42.4	32.4	37.9	31
Façade basement						22.3	24.1	29.6	26.2	29.8	34.6	23.5	27.2	31.8	26
Façade basement (side)						25.4	24.1	28.8	25.0	28.0	37.2	24.7	27.6	32.3	26
(3) Kerbside location						31.5	30.5	36.2	28.1	40.3	51.3	31.3	35.6	41.7	34 (31)
14 Great Stuart Street															
Façade railing @main door						29.6	26.1	30.7	28.9	28.8	45.3	25.3	30.7	35.9	29
Façade basement						23.7	25.9	31.3	26.1	31.9	40.4	26.4	29.4	34.4	28
Façade basement (side)						25.0	26.0	29.5	25.1	30.0	43.6	31.6	30.1	35.2	29
(3) Kerbside location						38.7	38.4	41.2	34.2	43.5	48.1	35.6	40.0	46.7	38 (35)
12 Great Stuart Street															
Façade railing @main door						27.0	27.3	33.9	26.1	31.8	47.0	27.8	31.6	36.9	30
Façade basement						25.2	23.5	28.6	25.9	M	41.7	28.8	29.0	33.9	27
Façade basement (side)						24.4	25.4	28.3	M	31.0	39.8	30.0	29.8	34.9	28
Background															
Gt Stuart St /Ainslie Place Kerb						21.5	21.9	26.3	25.2	26.6	35.8	30.7	26.9	31.4	25

(3) Kerbside annual mean pdt values at established locations	Annual Mean (µg/m ³)	(2) Bias Corrected Annual Mean (µg/m ³)
Kerbside @ 7 Gt Stuart St	68.4	37 (33)
Kerbside @ 18 Gt Stuart St/Randolph Cres	43.9	36 (32)
Kerbside @ St Colme St	64.8	45 (37)
Background		
India St	38.5	24

M - Missing
(1) - Value calculated in accordance with DEFRA Technical Guidance LAQM. TG(09), box 3.2

(2) - Value calculated using a bias of 0.81, derived from 2011 monitoring data

(3) - Kerbside value and in brackets distance corrected to façade including parking bay where appropriate