

Full Monthly Diffusion Tube Results for 2018

Table – NO₂ Monthly Diffusion Tube Results - 2018

Site name	NO ₂ Mean Concentrations (µg/m ³)														
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean		
													Raw Data	Bias Adjusted (0.93) and Annualised ⁽¹⁾	Distance Corrected to Nearest Exposure ⁽²⁾
Broad Street, Hereford	19.5	23.7	26.6	27.5	22.1	18.6	22.8	21.8	25.9	27.3	30.5	27.9	24.5	22.8	19.7
Bus Stop, Victoria Street, Hereford (A49)	25.0	36.6	38.8	33.5	47.5	30.5	35.3	27.8	26.9	37.8	41.3	39.7	35.1	32.6	<u>N/A</u>
7 Victoria Street, Hereford (A49)	-	-	-	-	-	-	39.4	36.5	36.4	46.4	44.6	-	45.9	41.33a	<u>N/A</u>
Façade Edgar/ Mor St, Hfd (A49)	25.3	31.7	31.2	34.6	28.5	30.6	26.4	21.5	25.5	33.3	34.7	32.4	29.7	27.6	<u>N/A</u>
Weir End, Ross (A40)	30.5	31.7	26.8	28.9	33	29.7	32	27.4	28.4	33.8	31.9	31.4	30.5	28.3	<u>N/A</u>
House façade, Wilton (A40)	28.7	26.7	32.3	31.7	33.1	28.7	34.2	29.3	26.3	27.2	31.2	32.8	30.2	28.1	<u>N/A</u>
Bengry's Lights, Leominster (A44)	29.1	31.4	31.7	35.9	38.9	29.6	37.9	37.6	33.2	40.1	31.3	31.4	34.0	31.6	<u>N/A</u>

Façade, Belmont Rd/Asda Junc Hfd	29.9	27.9	29.9	38.8	36	32.5	38.1	27.6	29.8	36.3	34.5	34.9	33.0	30.7	<u>N/A</u>
House façade, Holmer Rd Hfd (A49)	-	25	27	26.5	26	24.2	25.4	20.8	22.6	27.3	28.7	26.9	25.5	23.7	<u>N/A</u>
Eign Street, Hereford (A438)	27.4	29.7	28.9	36.1	28.1	28.7	32.2	22.2	28.4	32.8	-	33.5	29.8	27.7	25.5
Façade, Widemarsh St, Town Hfd	21.4	26.3	20.5	23.9	21.9	20	17.7	16.6	21.5	25	22.6	25	21.9	20.3	<u>N/A</u>
29 Bargates, Leominster (A44)	42.6	35.6	41.8	47.2	51.6	38.9	48.9	38.6	42.6	46.4	40.4	44.3	43.2	40.2	<u>N/A</u>
35 Bargates, Leominster (A44)	44.7	38.3	43.3	45.8	56.3	40.8	55.4	45.9	43.9	49.7	45.1	52.3	46.8	43.5	<u>N/A</u>
96 Whitecross Road, Hfd (A438)	34.2	37.6	35.1	37.1	39.9	37.1	37.7	24.6	28.1	34.5	36.4	33.9	34.7	32.2	26.9
140 Whitecross Rd, Hfd (A438)	21.5	21	21.1	21.1	17.7	14.9	14.2	15.1	15.7	20	23.2	21.8	19.0	17.6	<u>N/A</u>
22 Barton Road, Hfd	18.7	28.5	31.4	31	25.8	26.7	25.6	20.1	20.5	27.4	29.6	28.1	26.1	24.3	19.5
76 Belmont Road, Hfd (A465)	32.9	33.6	29.7	37.4	31.6	29.9	30.8	24.8	27.9	33.6	37.1	39.2	32.4	30.1	23.8
Cantilupe Road 1 (Flats), Ross-on-Wye	21.3	23.6	18.8	26.2	24.8	22.6	21.8	17.6	18.2	25.5	26.8	28.1	22.9	21.3	18.4

Kings Acre Rd, Hfd (A438)	17	17.1	14.9	14.4	13	14	12	10	11.5	15.1	14.8	14.1	14.0	13.0	<u>N/A</u>
Huntington Lane, Hfd	12	12.3	12.3	9.7	7.3	6.1	6.2	6	6.7	11.3	16.1	13.9	10.0	9.3	<u>N/A</u>
Three Elms Rd, Hfd (A4110)	18.1	20.1	17.9	18.1	15.8	14.2	14.8	6	9.7	19.2	26.1	20.8	16.7	15.6	<u>N/A</u>
Nr Cemetery, Victoria St, Hfd (A49)	23.9	35	34.3	26.3	39.3	-	21.6	24.8	28.3	40.1	43.3	39.2	32.4	30.1	<u>N/A</u>
Adj 34 Victoria St, Hfd (A49)	33.4	43.2	43.1	31	46.7	34.6	33.9	26.6	26.8	36.8	39.7	40.4	36.3	33.8	<u>N/A</u>
Edgar St/Prior St, Hfd (A49)	34.2	37.9	42.1	47.4	-	37.3	41.2	34.8	32.6	44.1	32.2	44.2	38.9	36.2	30.4
Cross Street, Asda Traffic Island, Hfd	33.5	29.8	-	29.4	31.2	25.1	30.6	22.4	24.8	31.1	31.8	27.5	28.8	26.8	23.1
Ross Road/Asda Traffic Island, Hfd (A49)	48.4	39.6	37.1	49.9	43.5	38.3	49.9	44.6	47	49.2	38.5	41.9	44.0	40.9	33.5
Rotherwas Industrial Estate, Hfd	18.4	15.9	17.6	14.9	14.1	12.4	12.6	9.5	11.8	16	19.3	17	15.0	13.9	<u>N/A</u>
Rotherwas Relief Road, Hereford (B4399)	14	15.6	14.7	13.7	12.6	13.3	11.6	9.1	9.7	13.3	13.3	12.6	12.8	11.9	<u>N/A</u>
Edgar St opp Nolan Rd, Hfd (A49)	-	-	29.2	34.2	37.3	29.8	33.7	32.2	30.4	34.6	35.3	34.5	33.1	30.8	28.3
Edgar St. nr Prior St. Hfd (A49)	-	-	39.8	50.7	46.9	-	44.5	45	50.3	44	45	49.8	46.2	43.0	38.6

Edgar St. nr Junc Newtown Rd (A49)	-	-	28.6	36.2	34.6	30	31.1	31.1	35.1	34.8	39.7	39.3	34.0	31.7	<u>N/A</u>
Newtown Rd, nr Postbox, Hfd	-	-	-	28.2	30.7	27.3	27	22.9	24.6	31.1	34.7	31.7	28.7	26.7	26.2
Link Road A, Hereford	-	-	25	22	22.8	18.9	18.7	17.4	22.2	24.1	29.9	32.1	23.3	21.7	<u>N/A</u>
Link Road B, Hereford	-	-	26.9	20.8	21	17.5	16.1	16.2	19.7	22.2	-	30.9	21.3	19.8	<u>N/A</u>
Link Road C, Hereford	-	-	27.3	25.5	22.3	17.9	18.8	18.6	23.4	29.2	-	31.6	23.9	22.2	<u>N/A</u>
Widemarsh St, opp Garrick CP, Hfd	-	-	28.6	32.3	36.6	31.9	34.4	29.1	34.8	37	41	42.4	34.8	32.4	<u>N/A</u>
Widemarsh St. nr juct Link Road, Hfd	-	-	28.7	31.8	30.3	27.1	28.9	22.6	25.3	31.8	36.5	34	29.7	27.6	26.8
Bus stop, Newmarket Street, Hfd (A438)	-	-	37.5	39.7	50.6	41.9	47	40.2	44.6	46.9	37	46.3	43.2	40.1	<u>N/A</u>
Wall Street, Hereford	-	-	41.2	35.9	36.3	30.7	34.7	28.9	31.8	37	40.2	44.6	36.1	33.6	32.7
Aylestone Hill/Barcourt Rd, Hfd	-	-	24.9	28.5	30.4	28.4	30.3	26.9	27.9	30.9	31	34.2	29.3	27.3	26.1
Commercial Road, Hfd	-	-	27.7	36.3	39.9	36.4	39.8	35.7	36.9	36.9	-	41.4	36.8	34.2	30.6
St Mary's Church, Grandstand Rd, Hfd (A49)	-	-	27.9	29.1	27.7	22.7	24.6	20.7	23.4	29.2	32.6	34.4	27.2	25.3	24.3

Roman Road, Hereford (A4103)	-	-	24.3	25.2	23.4	19.2	24.2	19.4	23.8	24.9	28.6	28.9	24.2	22.5	<u>N/A</u>
Bargates, opp Perseverance Rd Leominster	-	-	41	-	51.7	43	-	-	-	-	-	38.1	41.8	<u>41.61a</u>	<u>N/A</u>
Terrace 1 Eastbound Bargates, Leominster (A44)	-	-	-	30.3	33.2	34	31	21.3	27.5	36.8	-	35.7	34.8	<u>29.22a</u>	24.1
Terrace 2, Eastbound, Bargates Leominster (A44)	-	-	28.6	31.2	35.4	31.8	26.2	25.1	26.5	31.2	-	-	32.8	<u>32.01a</u>	<u>N/A</u>

Local bias adjustment factor used

National bias adjustment factor used

Annualisation has been conducted where data capture is <75%

Where applicable, data has been distance corrected for relevant exposure

Notes:

a = annualised data, using Leominster Automatic Monitoring and Rural Network and the Hereford Victoria Street automatic monitor. Please note the Hereford Victoria Street analyser is located in a ROADSIDE LOCATION. Please see Appendix C for the calculations.

Exceedances of the NO₂ annual mean objective of 40µg/m³ are shown in **bold**.

NO₂ annual means exceeding 60µg/m³, indicating a potential exceedance of the NO₂ 1-hour mean objective are shown in **bold and underlined**.

(1) See Appendix C for details on bias adjustment and annualisation.

(2) Distance corrected to nearest relevant public exposure.