

Full Monthly Diffusion Tube Results for 2020

Table - NO₂ Monthly Diffusion Tube Results - 2020

Site ID	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 (0.81) and Annualised	Distance Corrected to Nearest Exposure												
6	Broad Street, Hereford	32.41	25.75	22.00	0.00	0.00	15.40	15.27	18.41	20.20	21.63	27.90	26.65	22.6	18.28	16.7
9	Bus Stop, Victoria Street, Hereford (A49)	41.09	32.11	36.05	0.00	0.00	30.65	18.95	30.24	30.88	28.71	41.45	44.57	33.5	27.11	<u>N/A</u>
10	7 Victoria Street, Hereford (A49)	47.95	41.19	38.16	0.00	0.00	29.05	25.67	33.91	38.02	36.66	41.01	42.44	37.4	30.30	<u>N/A</u>
22	Façade Edgar/ Mor St, Hfd (A49)	32.61	22.82	26.74	0.00	0.00	23.04	14.25	26.40	25.86	26.12	33.31	32.70	26.4	21.37	<u>N/A</u>
32	Weir End, Ross (A40)	32.97	24.69	24.80	0.00	0.00	17.93	16.29	21.78	26.38	25.03	0.00	24.31	23.8	19.28	<u>N/A</u>
33	House façade, Wilton (A40)	29.11	22.03	24.06	0.00	0.00	19.59	14.25	22.55	25.92	21.53	25.38	23.33	22.8	18.45	<u>N/A</u>

46	Bengry's Lights, Leominster (A44)	41.64	37.73	29.74	0.00	0.00	27.13	26.42	30.47	32.92	31.17	38.99	33.60	33.0	26.71	<u>N/A</u>
53	Façade, Belmont Rd/Asda Junc Hfd	35.69	28.66	32.48	0.00	0.00	26.22	23.41	28.89	31.58	32.98	31.98	33.73	30.6	24.75	<u>N/A</u>
54	House façade, Holmer Rd Hfd (A49)	24.77	18.87	21.47	0.00	0.00	18.80	13.92	19.20	21.84	20.40	25.83	24.47	21.0	16.97	<u>N/A</u>
57	Eign Street, Hereford (A438)	32.86	23.74	28.37	0.00	0.00	20.86	16.69	24.91	28.69	22.53	30.52	31.98	26.1	21.15	20
59	Façade, Widemarsh St, Town Hfd	24.09	19.70	17.20	0.00	0.00	11.31	10.59	13.62	16.39	17.34	21.72	21.70	17.4	14.07	<u>N/A</u>
61a	29 Bargates, Leominster (A44)	52.35	49.46	41.53	0.00	0.00	36.66	31.46	39.30	0.00	39.07	47.56	44.59	42.4	34.38	<u>N/A</u>
61b	35 Bargates, Leominster (A44)	54.14	48.40	44.65	0.00	0.00	38.33	33.07	40.94	42.99	42.61	47.78	44.59	43.7	35.44	<u>N/A</u>
65	96 Whitecross Road, Hfd (A438)	32.18	27.01	30.80	0.00	0.00	22.83	18.04	0.00	26.79	29.62	33.24	34.00	28.3	22.91	20.3
74	140 Whitecross Rd, Hfd (A438)	25.03	18.41	18.02	0.00	0.00	11.82	10.55	13.92	16.27	16.85	20.72	21.75	17.3	14.04	<u>N/A</u>
75	22 Barton Road, Hfd	25.71	21.68	23.58	0.00	0.00	19.72	14.33	22.20	24.28	22.78	23.83	28.00	22.6	18.32	16.2
79	76 Belmont Road, Hfd (A465)	35.07	30.06	34.15	0.00	0.00	24.38	20.40	26.84	28.67	30.58	30.50	28.52	28.9	23.42	19.7
82	Cantilupe Road 1	25.01	17.04	22.40	0.00	0.00	16.58	10.83	18.37	21.04	18.47	24.82	24.23	19.9	16.10	14.1

	(Flats), Ross-on-Wye															
84	Kings Acre Rd, Hfd (A438)	13.05	10.12	11.18	0.00	0.00	9.02	6.10	9.05	10.11	10.13	13.66	12.18	10.5	8.47	<u>N/A</u>
85	Huntington Lane, Hfd	9.70	5.91	8.36	0.00	0.00	5.67	3.52	6.34	6.81	7.60	11.92	10.59	7.6	6.19	<u>N/A</u>
86	Three Elms Rd, Hfd (A4110)	18.28	10.83	14.03	0.00	0.00	9.17	6.24	13.90	13.52	13.34	20.28	19.15	13.9	11.24	<u>N/A</u>
87	Nr Cemetery, Victoria St, Hfd (A49)	34.57	24.72	31.70	0.00	0.00	0.00	0.00	0.00	30.59	26.42	35.24	37.94	31.6	25.59	<u>N/A</u>
88	Adj 34 Victoria St, Hfd (A49)	35.28	28.18	33.14	0.00	0.00	27.40	18.16	28.29	29.85	26.75	33.26	40.40	30.1	24.36	<u>N/A</u>
89	Edgar St/Blackfriars St Junc, Hfd (A49)	43.32	34.61	34.36	0.00	0.00	30.03	25.86	32.58	39.07	36.41	43.20	41.91	36.1	29.27	25.2
90	Cross Street, Asda Traffic Island, Hfd	27.52	24.28	27.89	0.00	0.00	21.05	16.28	23.19	26.38	24.92	25.81	27.75	24.5	19.85	18.1
91	Ross Road/Asda Traffic Island, Hfd (A49)	39.98	44.35	13.62	0.00	0.00	26.67	32.40	33.83	36.15	39.42	34.21	40.01	34.1	27.59	23.8
92	Rotherwas Industrial Estate, Hfd	16.87	11.45	13.89	0.00	0.00	10.49	7.82	9.72	10.82	11.70	12.73	14.87	12.0	9.75	<u>N/A</u>
93	Rotherwas Relief Road, Hereford (B4399)	12.12	10.31	12.51	0.00	0.00	10.97	8.46	10.64	11.20	10.10	17.26	10.66	11.4	9.25	<u>N/A</u>
94	Edgar St opp Nolan Rd, Hfd (A49)	43.98	30.49	28.23	0.00	0.00	22.24	22.70	27.98	31.28	28.40	36.77	33.12	30.5	24.72	23.1
95	Edgar St. nr Prior St. Hfd (A49)	43.16	34.75	30.45	0.00	0.00	24.37	20.55	22.45	30.53	30.96	35.78	37.41	31.0	25.14	23.4

96	Edgar St. nr Junc Newtown Rd (A49)	42.26	48.46	39.28	0.00	0.00	28.66	33.26	30.76	41.47	41.77	49.79	45.09	40.1	32.47	<u>N/A</u>
97	Newtown Rd, nr Postbox, Hfd	32.79	23.29	20.85	0.00	0.00	18.29	14.62	22.39	22.27	24.58	30.24	32.04	24.1	19.55	19.3
98	Link Road A, Hereford	27.74	20.64	17.45	0.00	0.00	10.82	11.38	0.00	18.67	19.43	24.33	24.48	19.4	15.75	<u>N/A</u>
99	Link Road B, Hereford	26.30	17.82	18.70	0.00	0.00	11.78	9.46	13.62	16.58	17.48	24.12	23.51	17.9	14.53	<u>N/A</u>
100	Link Road C, Hereford	28.89	23.34	22.13	0.00	0.00	15.71	12.20	17.88	22.80	22.39	27.94	31.76	22.5	18.23	<u>N/A</u>
101	Widemarsh St, opp Garrick CP, Hfd	41.15	35.22	28.79	0.00	0.00	20.79	21.78	28.25	28.42	30.41	31.62	35.85	30.2	24.48	<u>N/A</u>
102	Widemarsh St. nr juct Link Road, Hfd	31.03	19.60	24.01	0.00	0.00	19.72	13.92	22.02	24.53	23.47	29.82	30.23	23.8	19.31	N/A
103	Bus stop, Newmarket Street, Hfd (A438)	39.77	34.75	28.56	0.00	0.00	22.54	26.25	30.91	35.38	28.70	37.14	39.45	32.3	26.20	<u>N/A</u>
104	Wall Street, Hereford	38.09	31.17	30.39	0.00	0.00	24.96	18.71	28.89	29.83	29.35	33.14	34.87	29.9	24.25	23.8
105	Aylestone Hill/Barcourt Rd, Hfd	37.43	28.74	26.43	0.00	0.00	20.62	19.04	22.04	24.10	25.67	31.71	29.69	26.5	21.50	20.8
106	Commercial Road, Hfd	39.84	33.02	29.67	0.00	0.00	23.22	24.18	0.00	34.05	31.05	35.73	33.67	31.6	25.60	23.5
107	St Mary's Church, Grandstand Rd, Hfd (A49)	32.31	24.43	24.58	0.00	0.00	17.70	12.79	18.92	21.12	22.62	25.81	26.62	22.7	18.38	18
108	Roman Road, Hereford (A4103)	28.78	25.44	20.07	0.00	0.00	17.06	11.34	17.47	19.85	18.72	24.70	25.64	20.9	16.93	<u>N/A</u>

109	Bargates, opp Perseverance Rd Leominster	44.53	37.67	28.44	0.00	0.00	25.37	23.28	27.71	30.26	29.14	32.56	28.01	30.7	24.86	<u>N/A</u>
110	56 Bargates, (HR6 8EY), Leominster (A44)	21.60	17.90	19.97	0.00	0.00	15.91	11.98	18.05	20.02	18.92	22.00	21.49	18.8	15.22	12.4
111	Bargates Nursery, Leominster (A44)	28.75	24.47	21.39	0.00	0.00	14.79	13.22	17.29	19.32	19.07	22.73	18.47	20.0	16.16	<u>N/A</u>

Annualisation has been conducted where data capture is <75% and >33% in line with LAQM.TG16.

National bias adjustment factor used. This was based on the current adjustment factor we have at the time of inputting the data, this may be revised when the September bias adjustment data becomes available.

Where applicable, data has been distance corrected for relevant exposure in the final column.

Notes:

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**.

The background NO₂ levels for the NO₂ fall off calculations were identified using Defra background maps with the following grid references 350500, 240500 (Herefordshire sites), 360500, 224500 (Ross-on-Wye site) and 349500, 259500 (Leominster site).