

Appendix 2: Full quarterly diffusion tube NO₂ data

The following tables outline the provisional average quarterly nitrogen dioxide (NO₂) concentrations in micrograms per cubic metre (µg/m³) for sites within the Bath Clean Air Zone (CAZ_Only), the boundary area surrounding (including the urban areas of Batheaston and Bathampton; CAZ_Boundary) and those sites within the wider B&NES district (Wider_B&NES).

Table 1- showing sites within the CAZ_Only (sites within the CAZ boundary) site grouping which were recording data in 2022 Q1. Many sites recording in 2022 Q1 do not have a 2019 Q1 baseline as they were installed at a later date. Sites with missing data are highlighted in orange. Sites which are not highlighted in both 2019 and 2022 Q1 have been used for analysis as they have full data sets in both quarters (33 sites in total). TA = triplicate average (where three diffusion tubes are located at one site and an average of all three taken).

Site ID	2019 Q1 NO ₂ concentration (µg/m ³)	2022 Q1 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT003 - Broad St	50.0	34.8	-15.2
DT004 - George St	36.8	29.6	-7.3
DT005 - Gay St - Top	38.0	25.7	-12.3
DT009 - Upper Bristol Rd	36.8	32.9	-3.9
DT014 - Bathwick St	41.0	25.9	-15.1
DT015 - Beckford Rd	34.3	22.5	-11.9
DT016 - Warminster Rd	36.3	28.2	-8.1
DT017 - Widcombe School (TA)	37.3	26.4	-10.9
DT018 - Widcombe High St	29.8	24.6	-5.2
DT020 - Wells Rd (TA)	51.5	48.3	-3.2
DT021 - Wells Rd /Upper Oldfield Park	41.4	37.4	-4.0
DT037 - Charlotte St (TA)	44.4	30.0	-14.4

Site ID	2019 Q1 NO ₂ concentration (µg/m ³)	2022 Q1 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT039 - Manvers St	43.5	32.4	-11.2
DT042 - Dorchester St	59.9	43.3	-16.6
DT043 - St. James Parade	44.2	39.4	-4.8
DT045 - James St West	36.6	31.4	-5.2
DT060 - Victoria Buildings	57.8	44.0	-13.8
DT087 - Oak Street	37.7	29.3	-8.4
DT090 - Anglo Terrace (TA)	59.7	41.6	-18.1
DT145 - Lansdown Road	35.6	27.5	-8.1
DT147 - Terrace Walk	37.7	27.5	-10.1
DT148 - Julian Rd (TA)	33.6	25.1	-8.5
DT149 - Camden 3	33.2	25.9	-7.4
DT153 - North Road	23.9	18.8	-5.2
DT156 - Corn Street	32.0	24.6	-7.4
DT157 - Charles Street	34.2	31.6	-2.6
DT158 - Paragon 2	40.9	30.1	-10.8
DT159 - Walcot Street	33.0	25.9	-7.0
DT160 - North Parade Road	43.4	34.7	-8.7
DT172 - London Road 2 (TA)	51.8	38.6	-13.1
DT173 - Upper Bristol Road 2	47.9	35.5	-12.4
DT180 - Wells Road 2 (TA)	41.2	36.1	-5.2
DT182 - Gay Street – Lower (TA)	52.3	37.6	-14.7
DT183 - Chapel Row	36.3	30.8	-5.5
DT198 - Walcot Parade	62.7	44.9	-17.8
DT207 - Darlington Street	45.6	31.6	-14.0
DT211 - St John's Road	26.4	19.0	-7.4

Site ID	2019 Q1 NO ₂ concentration (µg/m ³)	2022 Q1 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT212 - Oldfield Road	23.4	21.0	-2.4
DT213 - Marlborough Lane (TA)	N/A	24.3	N/A
DT214 - Marlborough Buildings (TA)	N/A	23.3	N/A
DT215 - Queen Parade Place (TA)	N/A	20.4	N/A
DT216 - Monmouth Place (TA)	N/A	33.5	N/A
DT217 - Cavendish Road (TA)	N/A	18.9	N/A
DT219 - Morford Street	N/A	26.2	N/A
DT221 - Gay Street - façade	N/A	33.7	N/A
DT222 - Anglo Terrace façade (TA)	N/A	47.7	N/A
DT223 - Canton Place (TA)	N/A	35.7	N/A
DT224 - Walcot Parade 2 (TA)	N/A	48.9	N/A
DT225 - Cleveland Terrace (TA)	N/A	38.7	N/A
DT227 - Wells Road 3 (TA)	N/A	39.7	N/A
DT232 - Lansdown Road 3 (TA)	N/A	30.1	N/A
DT233 - Lansdown Road 4 (TA)	N/A	29.0	N/A
DT234 - Gay Street 2 (TA)	N/A	40.1	N/A
DT235 - Wells Road 4 (TA)	N/A	41.2	N/A
DT236 - Pulteney Terrace (TA)	N/A	27.0	N/A
DT237 - Broad Street 2	N/A	37.2	N/A
DT238 - Broad Street 3 (TA)	N/A	34.7	N/A
DT239 - Broad Street 4 (TA)	N/A	37.2	N/A
DT240 - Bathwick Street 2 (TA)	N/A	26.6	N/A
DT241 - Bathwick Street 3 (TA)	N/A	22.2	N/A
DT242 - Charlotte Street 2 (TA)	N/A	25.3	N/A
DT243 - Sydney Place (TA)	N/A	24.7	N/A

Site ID	2019 Q1 NO₂ concentration (µg/m³)	2022 Q1 NO₂ concentration (µg/m³)	Change (µg/m³)
DT246 - Dorchester Street 2 (TA)	N/A	39.4	N/A
DT247 - Monmouth Place 2 (TA)	N/A	32.0	N/A
DT248 - Chapel Row 2 (TA)	N/A	40.6	N/A
DT288 - Victoria Buildings façade	N/A	40.0	N/A
DT293 - Westgate Buildings	N/A	30.0	N/A
DT294 - Walcot Parade 3	N/A	34.8	N/A
DT297 - Midland Bridge Road	N/A	39.5	N/A

Table 2- showing sites within the CAZ_Boundary (sites outside the CAZ boundary but within the urban area of Bath including Batheaston and Bathampton) site grouping which were recording data in 2022 Q1. Many sites recording in 2022 Q1 do not have a 2019 Q1 baseline as they were installed at a later date. Sites with missing data are highlighted in orange. Sites which are not highlighted in both 2019 and 2022 Q1 have been used for analysis as they have full data sets in both quarters (43 sites in total). TA = triplicate average (where three diffusion tubes are located at one site and an average of all three taken).

Site ID	2019 Q1 NO ₂ concentration (µg/m ³)	2022 Q1 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT008 - Windsor Bridge	35.3	29.2	-6.1
DT026 - Upper Wellsway	30.0	35.6	5.5
DT034 - Newbridge Rd	38.3	27.7	-10.6
DT052 - Walcott Terrace (TA)	45.9	32.4	-13.5
DT055 - Lambridge	42.9	30.7	-12.2
DT058 - Batheaston - London Rd West A	31.4	22.7	-8.7
DT062 - Argyle Terrace	46.6	40.8	-5.8
DT084 - Bearflat	36.0	28.5	-7.6
DT085 - RUH North	33.6	26.3	-7.3
DT091 - Bathampton High Street	28.2	24.5	-3.6
DT094 - Batheaston - London Rd West B	31.1	23.7	-7.5
DT130 - Batheaston - London Road West C	33.0	24.1	-8.8
DT142 - Prior Park Road	39.1	29.5	-9.6
DT143 - Rackfield Place	36.0	30.7	-5.3
DT150 - Brougham Hayes	38.5	28.2	-10.4
DT151 - Widcombe Hill	31.7	23.8	-7.9
DT152 - Bathwick Hill	32.1	26.6	-5.5
DT154 - Bradford Road	37.5	30.7	-6.7
DT155 - Newbridge Hill 2	23.9	20.2	-3.7
DT163 - A4 Box Road, Batheaston	29.6	18.4	-11.2

Site ID	2019 Q1 NO ₂ concentration (µg/m ³)	2022 Q1 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT165 - Brassknocker Hill	42.1	30.0	-12.1
DT166 - A36 Bathampton	34.8	23.6	-11.3
DT167 - Weston High St	25.8	22.3	-3.5
DT168 - Englishcombe Lane	19.0	15.7	-3.3
DT169 - Eastbourne Ave	29.8	22.9	-6.9
DT171 - Frome Road/Upper Bloomfield	32.0	26.9	-5.1
DT179 - Upper Bristol Road 3 (TA)	41.0	32.7	-8.4
DT181 - Wellsway	42.3	34.2	-8.1
DT185 - Greenway Lane	22.4	19.5	-3.0
DT186 - Coronation Ave	24.8	20.7	-4.1
DT187 - Stanley Road West	31.3	26.2	-5.1
DT188 - Moorland Road	30.0	24.2	-5.8
DT189 - Old Newbridge Hill	33.9	28.9	-5.0
DT190 - Church Street	19.0	16.4	-2.6
DT191 - Batheaston - Mill Lane	22.1	19.0	-3.1
DT192 - Fairfield Road	22.9	18.6	-4.3
DT193 - Granville Road	12.2	9.6	-2.7
DT194 - Brooklyn Road	20.4	16.4	-4.0
DT195 - Lansdown Lane	25.7	25.6	-0.1
DT196 - Oakley	38.1	26.2	-11.9
DT197 - Rush Hill	31.0	24.4	-6.6
DT199 - Hensley Road	18.2	14.5	-3.8
DT200 - Millmead Road	20.4	18.4	-2.1
DT201 - The Hollow	32.2	26.5	-5.7
DT202 - Charlcombe	19.1	15.8	-3.2

Site ID	2019 Q1 NO ₂ concentration (µg/m ³)	2022 Q1 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT206 - Park Lane (TA)	40.0	28.5	-11.5
DT209 - Bellots Road	25.7	21.6	-4.1
DT210 - Red Lion Roundabout	35.7	33.3	-2.4
DT218 - Weston Road	N/A	22.2	N/A
DT226 – AURN (TA)	N/A	33.4	N/A
DT228 - Lower Bristol Road 2 (TA)	N/A	31.9	N/A
DT229 - Lower Bristol Road 3 (TA)	N/A	35.2	N/A
DT230 - Upper Bristol Road 4 (TA)	N/A	42.7	N/A
DT231 - Upper Bristol Road 5 (TA)	N/A	38.6	N/A
DT244 - Whiteway	N/A	20.7	N/A
DT245 - Whiteway 2	N/A	25.4	N/A
DT276 - Twerton High Street	N/A	35.7	N/A
DT289 - Bathampton 1	N/A	23.7	N/A
DT290 - Bathampton 2	N/A	26.3	N/A
DT291 - Bathampton 3	N/A	22.2	N/A
DT292 - Bathampton 4	N/A	20.0	N/A

*Automatic Urban and Rural Network- These diffusion tubes are located at our Automatic Urban and Rural Network monitoring site located on A4 London Road.

Table 3- showing sites within the Wider_B&NES (sites outside of Bath, Batheaston and Bathampton urban areas, but with the rural areas and district wide urban areas of B&NES) site grouping which were recording data in 2022 Q1. Many sites recording in 2022 Q1 do not have a 2019 Q1 baseline as they were installed at a later date. Sites with missing data are highlighted in orange. Sites which are not highlighted in both 2019 and 2022 Q1 have been used for analysis as they have full data sets in both quarters. TA= triplicate average (where three diffusion tubes are located at one site and an average all of three taken)

Site ID	2019 Q1 NO ₂ concentration (µg/m ³)	2022 Q1 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT032 - Whitchurch	41.1	35.6	-5.5
DT033 - Keynsham (Kelston Road)	16.4	13.8	-2.6
DT063 - Keynsham - Station Rd	30.2	27.5	-2.8
DT064 - Keynsham - Charlton Rd B	32.2	23.8	-8.4
DT065 - Keynsham - Charlton Rd A	33.1	28.2	-4.9
DT066 - Keynsham - High St A	37.5	33.8	-3.7
DT067 - Keynsham - Somerfield	37.5	28.8	-8.7
DT068 - Keynsham - Temple St	24.8	20.2	-4.7
DT069 - Keynsham - Rock Road	28.5	22.9	-5.6
DT070 - Keynsham - Bath Hill	26.0	23.0	-3.0
DT075 - Saltford - The Crown	36.0	28.7	-7.3
DT077 - Saltford - Bath Rd	31.7	24.4	-7.3
DT096 - Temple Cloud 1 (TA)	63.7	47.9	-15.8
DT098 - Whitchurch 2	35.9	29.4	-6.5
DT100 - Whitchurch 4	28.1	25.6	-2.5
DT101 - Whitchurch 5	46.9	37.5	-9.4
DT107 - Keynsham - Bath Hill (South)	41.4	32.6	-8.8
DT108 - Temple Cloud 2 (TA)	46.9	36.6	-10.3
DT109 - Temple Cloud 3 (TA)	43.3	32.5	-10.8
DT112 - Keynsham - Ashton Way	27.4	23.8	-3.6

Site ID	2019 Q1 NO ₂ concentration (µg/m ³)	2022 Q1 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT115 - Keynsham - High Street B	24.8	24.9	0.2
DT134 - Farrington Gurney 2	44.4	37.0	-7.5
DT136 - Farrington Gurney 3	41.3	32.0	-9.3
DT138 - Farrington Gurney 5	40.1	32.4	-7.7
DT141 - Keynsham A4	40.2	32.3	-7.8
DT174 - Pensford 3	34.9	36.3	1.4
DT252 - Temple Cloud 9 (TA)	N/A	38.8	N/A
DT253 - Temple Cloud 10 (TA)	N/A	42.3	N/A
DT254 - Temple Cloud 11 (TA)	N/A	37.4	N/A
DT255 - Temple Cloud 12 (TA)	N/A	42.3	N/A
DT269 - Westfield 5	N/A	21.4	N/A
DT295 - Radstock - Bath New Road	N/A	46.3	N/A
DT296 - Old Mills	N/A	28.6	N/A