

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 Q2. Many sites recording in 2022 Q2 do not have a 2019 Q2 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 Q2 have been used for analysis as they have full data sets in both quarters (32 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 Q2 NO ₂ concentration (µg/m ³)	2022 Q2 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT003 - Broad St	33.8	27.1	-6.7
DT004 - George St	30.6	21.0	-9.6
DT005 - Gay St - Top	31.4	20.6	-10.8
DT009 - Upper Bristol Rd	35.4	21.5	-13.9
DT014 - Bathwick St	32.1	17.1	-15.1
DT015 - Beckford Rd	28.2	17.2	-11.0
DT016 - Warminster Rd	29.3	19.8	-9.5
DT017 - Widcombe School (TA)	27.0	18.4	-8.6
DT018 - Widcombe High St	20.4	15.5	-4.9
DT020 - Wells Rd (TA)	44.0	39.3	-4.7
DT021 - Wells Rd /Upper Oldfield Park	45.0	25.3	-19.8
DT037 - Charlotte St (TA)	31.9	21.1	-10.8

Site ID	2019 Q2 NO ₂ concentration (µg/m ³)	2022 Q2 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT039 - Manvers St	27.6	21.6	-6.1
DT042 - Dorchester St	50.6	37.7	-12.9
DT043 - St. James Parade	41.1	29.5	-11.6
DT045 - James St West	26.7	21.1	-5.6
DT060 - Victoria Buildings	44.7	34.7	-10.0
DT087 - Oak Street	27.7	19.8	-7.9
DT090 - Anglo Terrace (TA)	56.3	31.9	-24.4
DT145 - Lansdown Road	26.1	17.9	-8.1
DT147 - Terrace Walk	27.6	16.0	-11.6
DT148 - Julian Rd (TA)	26.1	18.1	-8.0
DT149 - Camden 3	24.4	15.6	-8.8
DT153 - North Road	14.2	12.7	-1.5
DT156 - Corn Street	29.6	17.9	-11.6
DT157 - Charles Street	29.7	22.0	-7.7
DT158 - Paragon 2	31.2	20.3	-10.9
DT159 - Walcot Street	24.8	16.0	-8.8
DT160 - North Parade Road	31.9	21.2	-10.7
DT172 - London Road 2 (TA)	45.5	28.7	-16.8
DT173 - Upper Bristol Road 2	31.5	23.0	-8.5
DT180 - Wells Road 2 (TA)	36.4	27.6	-8.7
DT182 - Gay Street – Lower (TA)	43.8	31.0	-12.8
DT183 - Chapel Row	32.8	25.3	-7.5
DT198 - Walcot Parade (TA)	53.5	36.3	-17.2
DT207 - Darlington Street	37.9	25.3	-12.6
DT211 - St John's Road	19.7	11.1	-8.6

Site ID	2019 Q2 NO ₂ concentration (µg/m ³)	2022 Q2 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT212 - Oldfield Road	19.6	11.7	-8.0
DT213 - Marlborough Lane (TA)	22.8	18.1	-4.7
DT214 - Marlborough Buildings (TA)	16.3	13.4	-2.9
DT215 - Queen Parade Place (TA)	18.5	12.6	-6.0
DT216 - Monmouth Place (TA)	25.5	20.3	-5.2
DT217 - Cavendish Road (TA)	18.3	11.1	-7.2
DT219 - Morford Street	23.9	15.2	-8.6
DT221 - Gay Street - façade	N/A	28.5	N/A
DT222 - Anglo Terrace façade (TA)	N/A	35.7	N/A
DT223 - Canton Place (TA)	N/A	25.3	N/A
DT224 - Walcot Parade 2 (TA)	N/A	39.2	N/A
DT225 - Cleveland Terrace (TA)	N/A	27.8	N/A
DT227 - Wells Road 3 (TA)	N/A	30.7	N/A
DT232 - Lansdown Road 3 (TA)	N/A	20.0	N/A
DT233 - Lansdown Road 4 (TA)	N/A	20.6	N/A
DT234 - Gay Street 2 (TA)	N/A	36.0	N/A
DT235 - Wells Road 4 (TA)	N/A	31.0	N/A
DT236 - Pulteney Terrace (TA)	N/A	18.4	N/A
DT237 - Broad Street 2	N/A	26.4	N/A
DT238 - Broad Street 3 (TA)	N/A	26.9	N/A
DT239 - Broad Street 4 (TA)	N/A	29.7	N/A
DT240 - Bathwick Street 2 (TA)	N/A	18.7	N/A
DT241 - Bathwick Street 3 (TA)	N/A	12.3	N/A
DT242 - Charlotte Street 2 (TA)	N/A	15.7	N/A
DT243 - Sydney Place (TA)	N/A	17.9	N/A

Site ID	2019 Q2 NO ₂ concentration (µg/m ³)	2022 Q2 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT246 - Dorchester Street 2 (TA)	N/A	28.5	N/A
DT247 - Monmouth Place 2 (TA)	N/A	22.6	N/A
DT248 - Chapel Row 2 (TA)	N/A	37.8	N/A
DT288 - Victoria Buildings façade	N/A	27.3	N/A
DT293 - Westgate Buildings	N/A	20.7	N/A
DT294 - Walcot Parade 3	N/A	26.1	N/A
DT297 - Midland Bridge Road	N/A	28.8	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 Q2. Many sites recording in 2022 Q2 do not have a 2019 Q2 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 Q2 have been used for analysis as they have full data sets in both quarters (37 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 Q2 NO ₂ concentration (µg/m ³)	2022 Q2 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT008 - Windsor Bridge	27.3	18.2	-9.2
DT026 - Upper Wellsway	30.2	20.1	-10.1
DT034 - Newbridge Rd	30.8	19.8	-11.1
DT052 - Walcott Terrace (TA)	36.4	23.4	-12.9
DT055 - Lambridge	41.0	26.3	-14.7
DT058 - Batheaston - London Rd West A	24.5	14.0	-10.5
DT062 - Argyle Terrace	35.4	29.0	-6.4
DT084 - Bearflat	32.1	27.9	-4.2
DT085 - RUH North	25.9	19.9	-5.9
DT091 - Bathampton High Street	22.8	18.3	-4.4
DT094 - Batheaston - London Rd West B	28.0	18.7	-9.3
DT130 - Batheaston - London Road West C	26.4	16.0	-10.4
DT142 - Prior Park Road	30.2	23.6	-6.6
DT143 - Rackfield Place	25.7	18.8	-6.9
DT150 - Brougham Hayes	29.2	19.7	-9.5
DT151 - Widcombe Hill	26.4	18.4	-8.0
DT152 - Bathwick Hill	21.2	14.9	-6.3
DT154 - Bradford Road	29.4	19.8	-9.6
DT155 - Newbridge Hill 2	16.2	10.3	-5.9

Site ID	2019 Q2 NO ₂ concentration (µg/m ³)	2022 Q2 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT163 - A4 Box Road, Batheaston	19.9	13.3	-6.6
DT165 - Brassknocker Hill	37.8	28.6	-9.2
DT166 - A36 Bathampton	28.9	16.5	-12.4
DT167 - Weston High St	25.6	15.7	-10.0
DT168 - Englishcombe Lane	12.7	10.1	-2.6
DT169 - Eastbourne Ave	21.0	14.5	-6.5
DT171 - Frome Road/Upper Bloomfield	30.4	20.9	-9.5
DT179 - Upper Bristol Road 3 (TA)	42.3	22.7	-19.5
DT181 - Wellsway	31.0	23.7	-7.3
DT185 - Greenway Lane	14.4	10.5	-4.0
DT186 - Coronation Ave	21.4	12.5	-8.9
DT187 - Stanley Road West	23.6	15.3	-8.4
DT188 - Moorland Road	22.5	14.4	-8.1
DT189 - Old Newbridge Hill	27.8	24.2	-3.6
DT190 - Church Street	12.4	6.5	-5.9
DT191 - Batheaston - Mill Lane	18.9	15.6	-3.2
DT192 - Fairfield Road	14.7	9.7	-5.0
DT193 - Granville Road	8.7	4.7	-4.0
DT194 - Brooklyn Road	16.3	9.8	-6.4
DT195 - Lansdown Lane	21.2	17.7	-3.4
DT196 - Oakley	26.1	16.9	-9.2
DT197 - Rush Hill	23.6	16.8	-6.7
DT199 - Hensley Road	11.6	7.2	-4.5
DT200 - Millmead Road	14.6	10.3	-4.3
DT201 - The Hollow	23.8	18.1	-5.7

Site ID	2019 Q2 NO ₂ concentration (µg/m ³)	2022 Q2 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT202 - Charlcombe	12.8	8.5	-4.3
DT206 - Park Lane (TA)	30.7	23.1	-7.6
DT209 - Bellots Road	16.0	12.0	-4.0
DT210 - Red Lion Roundabout	33.4	27.7	-5.7
DT218 - Weston Road	19.6	13.6	-6.0
DT226 – AURN (TA)	N/A	25.0	N/A
DT228 - Lower Bristol Road 2 (TA)	N/A	21.2	N/A
DT229 - Lower Bristol Road 3 (TA)	N/A	24.1	N/A
DT230 - Upper Bristol Road 4 (TA)	N/A	30.5	N/A
DT231 - Upper Bristol Road 5 (TA)	N/A	30.0	N/A
DT244 - Whiteway	N/A	16.0	N/A
DT245 - Whiteway 2	N/A	17.9	N/A
DT276 - Twerton High Street	N/A	23.9	N/A
DT289 - Bathampton 1	N/A	18.7	N/A
DT290 - Bathampton 2	N/A	20.8	N/A
DT291 - Bathampton 3	N/A	18.0	N/A
DT292 - Bathampton 4	N/A	15.1	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 Q2. Many sites recording in 2022 Q2 do not have a 2019 Q2 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 Q2 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 Q2 NO ₂ concentration (µg/m ³)	2022 Q2 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT032 - Whitchurch	31.2	27.5	-3.7
DT033 - Keynsham (Kelston Road)	10.7	7.7	-3.0
DT063 - Keynsham - Station Rd	24.8	19.6	-5.2
DT064 - Keynsham - Charlton Rd B	25.6	21.3	-4.3
DT065 - Keynsham - Charlton Rd A	25.9	19.9	-6.0
DT066 - Keynsham - High St A	29.6	26.5	-3.1
DT067 - Keynsham - Somerfield	29.0	22.8	-6.2
DT068 - Keynsham - Temple St	18.1	13.8	-4.3
DT069 - Keynsham - Rock Road	20.5	14.9	-5.6
DT070 - Keynsham - Bath Hill	25.3	17.0	-8.3
DT075 - Saltford - The Crown	30.4	20.0	-10.4
DT077 - Saltford - Bath Rd	26.3	20.5	-5.8
DT096 - Temple Cloud 1 (TA)	60.0	50.4	-9.6
DT098 - Whitchurch 2	32.4	23.7	-8.7
DT100 - Whitchurch 4	25.2	21.4	-3.8
DT101 - Whitchurch 5	36.0	32.1	-3.9
DT107 - Keynsham - Bath Hill (South)	32.8	25.8	-7.1
DT108 - Temple Cloud 2 (TA)	38.0	30.9	-7.1
DT109 - Temple Cloud 3 (TA)	38.4	28.8	-9.6

Site ID	2019 Q2 NO ₂ concentration (µg/m ³)	2022 Q2 NO ₂ concentration (µg/m ³)	Change (µg/m ³)
DT112 - Keynsham - Ashton Way	19.5	14.4	-5.2
DT115 - Keynsham - High Street B	21.7	14.6	-7.1
DT134 - Farrington Gurney 2	38.7	34.4	-4.3
DT136 - Farrington Gurney 3	41.1	31.5	-9.6
DT138 - Farrington Gurney 5	38.9	29.5	-9.3
DT141 - Keynsham A4	32.7	24.8	-7.9
DT174 - Pensford 3	37.7	32.2	-5.4
DT252 - Temple Cloud 9 (TA)	N/A	36.1	N/A
DT253 - Temple Cloud 10 (TA)	N/A	42.0	N/A
DT254 - Temple Cloud 11 (TA)	N/A	34.8	N/A
DT255 - Temple Cloud 12 (TA)	N/A	40.7	N/A
DT269 - Westfield 5	N/A	12.6	N/A
DT295 - Radstock - Bath New Road	N/A	45.6	N/A
DT296 - Old Mills	N/A	21.6	N/A