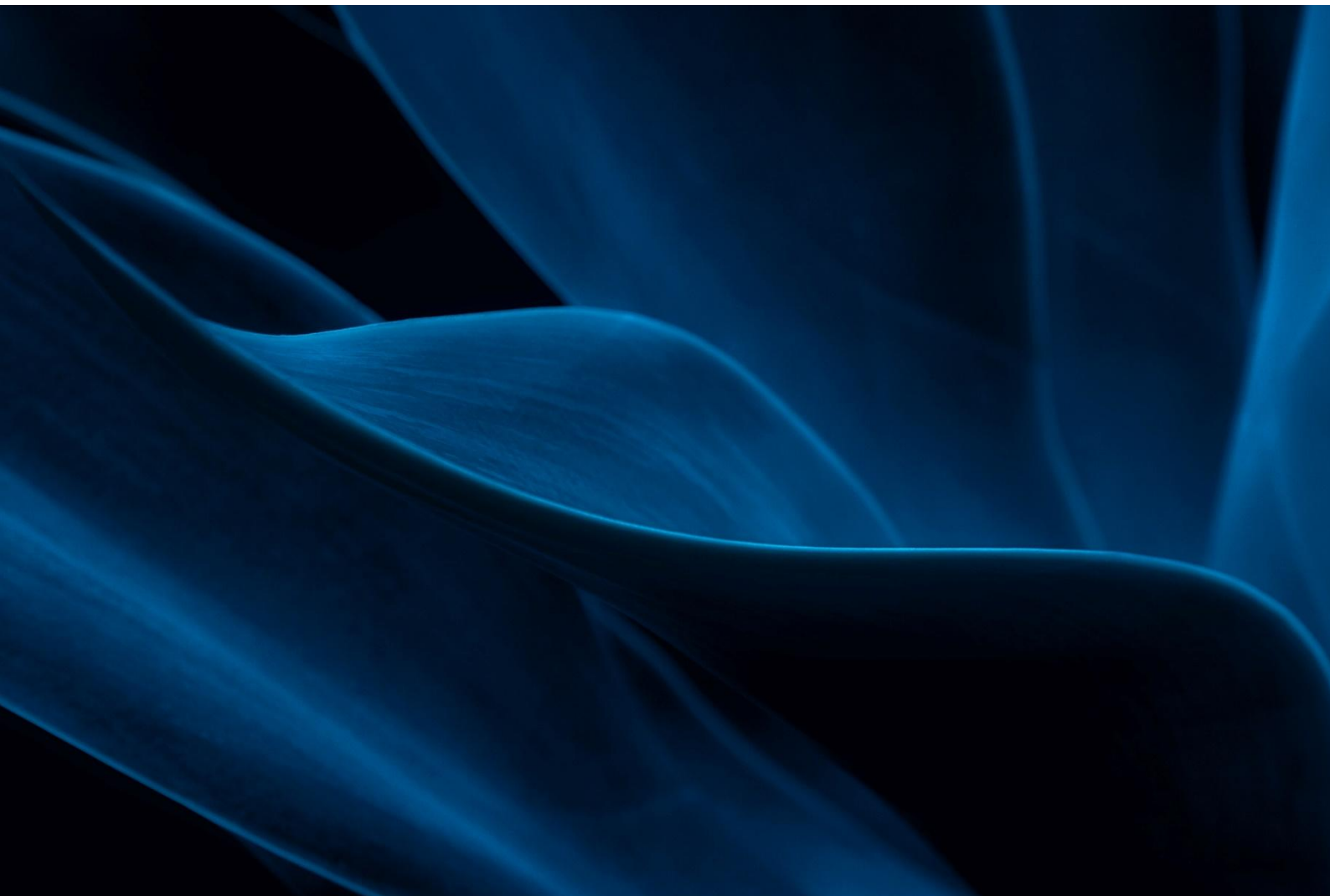
Sussex Air Quality Partnership

Sussex Annual Air Quality Monitoring Report 2025

April 2026



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Glossary of Terms

AQMS	Air Quality Monitoring Station (cabin)
AQO	Air Quality Objectives for UK
AQS	Air Quality Strategy for UK
AURN	Automatic Urban and Rural Network - UK national air quality monitoring network
BV	Bureau Veritas (acting as CMCU)
DAQI	Daily Air Quality Index
Defra	Department for Environment Food and Rural Affairs
LAQM PG(22)	Local Air Quality Management Policy Guidance 2022
LAQM TG(22)	Local Air Quality Management Technical Guidance 2022
NO_2	Nitrogen Dioxide
$PM_{2.5}$	Particulate Matter 2.5 microns in diameter or smaller (mass)
PM_{10}	Particulate Matter
QA/QC	Quality Assurance and Quality Control unit for the AURN
SAQN	Sussex Air Quality Network
SO_2	Sulphur Dioxide
Sussex-air	Sussex Air Quality Partnership
$\mu g/m^3$	micrograms per cubic metre – concentration of a pollutant in air
UK-AIR	Defra UK Air Quality information website https://uk-air.defra.gov.uk/
WHO	World Health Organization

Executive Summary

Bureau Veritas UK Ltd were contracted by East Sussex County Council on behalf of the Sussex local authorities (who collectively form the Sussex Air Quality Partnership (Sussex-air)), to manage, provide support and report on air quality monitoring data collected from the Sussex Air Quality Network.

This report provides an overview of the "approved" data from the Sussex Air Quality Network air quality monitoring stations (AQMS) during 2025.

The Network

The Sussex Air Quality Network is made up of local authority (LA) owned AQMSs and additional stations that are in the UK Automatic Urban and Rural Network (AURN), the latter of which are operated by the Environment Agency on behalf of Defra. By the end of 2025 there were sixteen (16) active LA owned AQMSs in the network with an additional six (6) national AURN stations also providing data to the network.

Data capture

Overall, the data capture was above 90% across the majority of Sussex authority owned AQMS during 2025. The air quality monitoring instruments that were operational over the full year achieved high data capture rates averaging 93.7% data capture across the year.

Compliance with Local Air Quality Management Air Quality Objectives

The Local Air Quality Management (LAQM) statutory pollutants that each local authority is required to report and act upon were compliant with their relevant Air Quality Objectives (AQOs). There were no exceedances of the long-term or short-term AQOs for particulate matter (PM_{10}), nitrogen dioxide (NO_2) or sulphur dioxide (SO_2).

Compliance with National Air Quality Standards

The other pollutants which are monitored in Sussex that have national focus are $PM_{2.5}$ and Ozone (O_3). $PM_{2.5}$ measurements across Sussex in 2025 showed that only one site, Hastings - Bexhill Road, Bulverhythe, was above the $PM_{2.5}$ interim 2030 and 2040 annual mean targets. The national O_3 standard (8-hour mean of 100µg/m^3 not to be exceeded more than 10 times a year) was breached at one Sussex network location, the Eastbourne- Devonshire Park AQMS.

Trends in Annual Mean Concentrations across Sussex

The annual mean concentrations for NO_2, O_3 and SO_2 showed a continued levelling-off in concentrations from 2021 – 2025, having observed some reductions in previous years. There was a minor increase in concentrations of PM_{10} and $PM_{2.5}$ in 2025 across the network with one site, Hastings - Bexhill Road, Bulverhythe breaching the $PM_{2.5}$ annual mean target of 10µg/m^3.

WHO guideline values

A comparison of measured air pollutant concentrations at the Sussex Network stations to the World Health Organization (WHO) Guideline values is provided in the 2025 report. WHO guideline values are more stringent than the UK AQO and national limit values and are not required to be reported against as part of the LAQM regime.

WHO guideline values were exceeded at the majority of AQMS's monitoring PM_{10}, $PM_{2.5}$, O_3 and NO_2. The Sussex sites which exceeded the WHO guideline values are presented in Section 6.

Occurrences of High and Moderate pollution days

2025 was dominated by 'Low' air pollution days (Daily Air Quality Index (DAQI) 1 - 3) across the year. Ten (10) locations recorded between 1 and 11 'Moderate' (DAQI level 4 - 6) air pollution days across the Sussex Network and one location measured 1 'High' (DAQI level 7 - 9) air pollution day.

1 Sussex Air Quality Partnership and Network

The Sussex Air Quality Network ("the network") was established in 1995 to support the local authorities (LAs) across Sussex in their duties to monitor and report air quality under the Local Air Quality LAQM framework requirements as set out under Part IV of the Environment Act 1995.

The network was developed by the Sussex Air Quality Partnership ("Sussex-air"), which is made up from the Sussex LAs and Public Health bodies. The members of Sussex Air Quality Partnership are:

Adur District Council	Horsham District Council
Arun District Council	Mid Sussex District Council
Brighton and Hove City Council	Lewes District Council
Chichester District Council	Rother District Council
Crawley Borough Council	Wealden District Council
Eastbourne Borough Council	West Sussex County Council
East Sussex County Council	Worthing Borough Council
Hastings Borough Council	

1.1 Sussex Air Quality Network

The Partnership has developed a comprehensive regional monitoring network, which at the end of 2025 consisted of sixteen (16) continuous air quality monitoring stations (AQMS). The network also presents air quality data from six (6) national Automatic Urban and Rural Network (AURN) AQMS that are in Sussex. This enhanced the network to a total of twenty-two (22) locations where air quality is continuously monitored across Sussex.

The Sussex Network site information and location map of all the Sussex AQMS are presented in Appendix 4. The full list of pollutants measured at each site Sussex and AURN site are provided in Table A4 1: Sussex Air Quality Network sites and Pollutant instrumentation list (2025).

All live monitoring data is provided on the Sussex-air website: https://sussex-air.net/air-quality-near-me/. All historical AQMS locations, information and monitoring data back to 2009 is provided on the Sussex-air website: https://sussex-air.net/air-quality-near-me/historical-monitoring-data/.

The Sussex-air website also provided health information and the Sussex-wide air pollution forecasting and alert service during 2025. This service supported vulnerable persons and the public with pollution alerts direct to the subscriber. Air pollution forecasts are shown on the homepage https://sussex-air.net/

Bureau Veritas managed the Sussex Air Quality Network and hosts the Sussex-air website (www.sussex-air.net) on behalf of the Sussex Air Quality Partnership.

1.2 Purpose of the Annual Report

The Annual report provides the overall summary of air quality measurements across Sussex provided by the Sussex authorities. The purpose of the report is to provide data and relevant statistics to support the Local Authorities to comply with their LAQM framework requirements. The report focuses on the Sussex owned and managed AQMS data but also provides supporting data from AURN AQMS which operate in Sussex.

2 Air Quality Legislation, Standards and WHO Guidelines

2.1 Local Air Quality Management (LAQM)

The Local Air Quality Management (LAQM) framework requirements were set out under Part IV of the Environment Act 1995. The LAQM process places an obligation on all local authorities to regularly review and assess air quality in their areas, and to determine whether the air quality objectives are likely to be achieved.

Policy and Technical guidance were produced to support local authorities in their duties to comply with the LAQM regime. The latest LAQM Policy (LAQM PG(22) and Technical Guidance (LAQM TG(22)) produced in 2023 provide the most recent policy and technical support for the assessment of air quality for local authorities.

At the core of LAQM delivery are three pollutant objectives; these are: Nitrogen Dioxide (NO_2), Particulate Matter less than 10 micrograms per cubic metre (PM_{10}) and Sulphur Dioxide (SO_2). LAQM PG(22) and LAQM TG(22)) also provides further detail on the focus of actions for local authorities to measure and report against national targets for Particulate Matter less than 2.5 micrograms per cubic metre ($PM_{2.5}$). Ozone (O_3) is not included under the LAQM regime but is pollutant of concern at national level, hence there is no reporting requirement by local authorities.

2.2 Air Quality Standards Regulations

In the UK, concentrations of key pollutants in outdoor air are regulated by the Air Quality Standards Regulations 2010, the Air Quality Standards (Wales) Regulations 2010, the Air Quality Standards (Northern Ireland) 2010 and the Air Quality Standards (Scotland) Regulations 2010.

These Regulations seek to control human exposure to pollutants in outdoor air to protect human health and the environment by requiring concentrations to be within specified limit values. In the event of exceedances, the Regulations require the publication of Air Quality Plans setting out “appropriate measures” that will ensure that the exceedance period is kept “as short as possible”.

These Regulations set:

- Legally binding limits for concentrations in outdoor air of major air pollutants that impact public health: sulphur dioxide, nitrogen oxides, particulate matter (as PM_{10} and $PM_{2.5}$), lead, benzene, carbon monoxide and ozone.
- Targets for levels in outdoor air for four elements; cadmium, arsenic, nickel and mercury, together with polycyclic aromatic hydrocarbons (PAH).

These Air Quality Standards Regulations set ‘limit values’, ‘target values’ and ‘long-term objectives’ for ambient concentrations of the pollutants listed above. More information on these values and how they differ can be found on the UK Air Quality Limits page and are set-out in Appendix 1.

2.3 Air Quality Strategies and 25 Year Environment Plan

The importance of existing and future air quality can be assessed in relation to the national air quality standards and objectives established by Government. The Air Quality Strategy (AQS)[1] provides the over-arching strategic framework for air quality management in the UK and contains national air quality standards and objectives established by the UK Government and Devolved Administrations to protect human health. The updated strategy for England “ Air quality strategy: framework for local authority delivery[2]” (Aug 2023) This document provides the strategic framework for local authorities and other partners and sets out their powers, responsibilities, and further actions the government expects them to take in improving air quality.

[1] The Air Quality Strategy for England, Scotland, Wales and Northern Ireland (2007), Published by Defra in partnership with the Scottish Executive, Welsh Assembly Government and Department of the Environment Northern Ireland.

[2] https://www.gov.uk/government/publications/the-air-quality-strategy-for-england/air-quality-strategy-framework-for-local-authority-delivery

The Clean Air Strategy 2019 provided a more focused strategy on $PM_{2.5}$; linkages with Net Zero goals and a re-focus on other pollutants that remain challenging from a compliance or health perspective. This was followed up by the 25 Year Environment Plan (2024) "*A Green Future: Our 25 Year Plan to Improve the Environment*". The 25 Year Environment Plan included a 25-year goal of "clean air" amongst other objectives and supporting policies.

2.4 The Environment Act 2021

The Environment Act 2021 established a legally binding duty on Government to set an annual mean target on the level of fine particulate matter ($PM_{2.5}$), in addition to a longer-term target, by 31st October 2024 for England. The Act states:

> "*Whilst the responsibility for meeting the $PM_{2.5}$ targets sits with national government; local authorities have a role to play in delivering reductions in $PM_{2.5}$.*" and
>
> *"Local authorities in England will need to work towards reducing $PM_{2.5}$ in their area. Action to tackle PM_{10}/NOx can be expected to contribute towards this."*

2.4.1 The Environmental Targets (Fine Particulate Matter) (England) Regulations 2023

The Environmental Targets (Fine Particulate Matter) (England) Regulations 2023 set the Annual Mean Concentration Target (AMCT) to ensure that the annual mean concentration of $PM_{2.5}$ in ambient air is equal to or less than 10 micrograms per cubic metre ($\mu g/m^3$) by 31st December 2040.

Additionally, the Regulations set the target population exposure reduction target (PERT) for $PM_{2.5}$ – a minimum of 35% reduction compared to 2018 by 31st December 2040.

Interim targets were also set, and were revised under the Air Quality Environment Act target delivery plan in December 2025.

2.4.2 Air quality Environment Act target delivery plan (2025)

An interim AMCT target value of $PM_{2.5}$ in ambient air was set at equal to or less than 10 micrograms per cubic metre by 31st December 2030.

An interim PERT target for $PM_{2.5}$ – a minimum of 30% reduction compared to 2018 by 31 December 2030. This was introduced as part of Air quality Environment Act target delivery plan[3] in December 2025.

2.5 World Health Organization (WHO) Guidelines

The World Health Organization (WHO) provides air quality guideline (AQG) values for a range of pollutants which was updated in September 2021 (WHO global air quality guidelines (Sept 2021)). The pollutants of concern include particulate matter of a diameter equal or smaller than 10µm (PM_{10}) or equal or smaller than 2.5µm ($PM_{2.5}$), ozone (O_3), nitrogen dioxide (NO_2) and sulphur dioxide (SO_2). The WHO guideline values are provided in Appendix A2, Table A2-1.

The WHO global air quality guidelines aim to protect populations from the adverse effects of air pollution. They are designed to serve as a global reference for assessing whether, and how much, exposure of a population (including particularly vulnerable and/or susceptible subgroups) to various levels of the considered air pollutants results in health concerns.

WHO highlighted the key facts on why air pollution is one of the greatest global environmental risks:

- In 2019, 99% of the world's population was living in places where the WHO air quality guidelines levels were not met.
- The combined effects of ambient air pollution and household air pollution are associated with 6.7 million premature deaths annually.

- Ambient (outdoor) air pollution is estimated to have caused 4.2 million premature deaths worldwide in 2019.
- Some 89% of those premature deaths occurred in low- and middle-income countries, and the greatest number in the WHO South-East Asia and Western Pacific Regions.

3 Sussex Air Quality Network Performance

3.1 Sussex Network Data Reviews

Data from the Sussex Air Quality Monitoring Network is reviewed and goes through a thorough data validation process to provide confidence in data reported from air quality instruments to the Sussex-Air website.

As the Sussex network provides data from both local authority (LA) owned air quality monitoring stations (AQMS) and the UK national Automatic Urban and Rural Network (AURN) AQMS, it is important to understand and distinguish the differences in the quality of data provided by each type of station. The process of data collection, review and verification (also termed as ratification) can be complex and has numerous influencing factors, on which ultimately the reporting of a final data set is dependent.

3.2 Quality Assurance and Quality Control (QA/QC) and Data Sources

Within the Sussex network it should be recognised that there are two separate QA/QC regimes in operation, these are:

3.2.1 AURN sites - formal ISO 17025 QA/QC

- For the AURN sites, initial data is termed as “provisional” data, then moves to “verified” data on a quarterly basis (in arrears) across an operating year, after QA/QC audits and data ratification reviews. All AURN data and status are available on UK-AIR https://uk-air.defra.gov.uk/ and should always be referenced as the source of AURN data.

- AURN site data are ratified under a separate national network contract, as such the data and data capture rates that are presented in this 2025 report are provided from the data sets available on UK-AIR at the time of publishing. AURN data is ratified independently by the AURN QA/QC unit and as a result may change after this report is published.

3.2.2 Sussex LA sites – reviews of ‘approved’ data

- The Sussex LA AQMS have no QA/QC audits, therefore the data has a different quality status to differentiate it with the audited and ratified AURN data. Initial data collected from the AQMS are still termed “provisional” data which is provided in near real-time on the Sussex-air website.

- Quarterly reviews of the data are undertaken to identifying any short and long-term issues and trends. This is followed by an annual data review to provide the final annual “approved” status of the data. This data is published in April of each year on Sussex-air.

3.3 Sussex Network Data Capture Rates

The majority of Sussex Network AQMS achieved high data capture rates above 90%. Three new AQMS in Brighton were introduced to the network at various dates during 2025 and as a result these were not monitoring for the full calendar year and achieved less than the target 90% data capture rate.

Complete data capture rates for each AQMS site are presented in Table 3-1. The data capture rates are presented for the pollutant instrumentation used at each site. These results reflect the data capture for each instrument over a calendar year.

Low data capture rates can be caused by a variety of reasons including:

- Analysers being introduced or removed during year;
- analyser or logging system issues;
- on-site communications problems;
- interruptions in power supply to the monitoring stations;
- environmental site issues such as flooding or leaks; or
- routine maintenance or calibration visits undertaken by local site operators (LSO) or their equipment support unit (ESU).

The Sussex authorities are not responsible for the AURN data capture rates, however all those AURN sites operating over the full calendar year achieved >90% data capture. AURN site data are ratified under a separate national network contract and data capture rates are provided from the data sets available on UK-AIR at the time of publishing.

3.3.1 Data Capture Statistics

Data capture results for all monitors across the Sussex network, including the AURN sites are presented in Table 3-1. These results reflect the data capture for each instrument over a calendar year.

Overall, the majority of Sussex Network monitors achieved >90% data capture during 2025. Excluding instruments that were either added or removed from the network part way through the year and did not achieve over 75% data capture, the average data capture rate for the Sussex Network sites was 93.7%. Monitoring instruments that did not achieve the full year 90% data capture target included those instruments with faults or were those instruments that were introduced into or withdrawn from the network part way into the year.

The new AQMS introduced into the network were Brighton - London Road (BH15), Brighton - North Street Upper (BH16) and Brighton - South Portslade (BH14). In addition, Brighton Council introduced a new PM_{10} instrument into Brighton – North Street (Lower) (BH10) and moved the NO_2 instrument into the new Brighton - North Street Upper AQMS.

Once operational the new AQMS delivered high data capture rates for the rest of 2025. The adjusted data capture rates for the actual monitoring period that these instruments were operational were as follows: BH15 = 98%; BH16 = 97%; BH14 = 81%; and BH10 (PM_{10}) = 99%.

Data capture rate information and commentary is detailed in Table 3-2.

Table 3-1: Data capture rates (%) per pollutant and per AQMS for 2025 (full year).

Site ID	Site Name	NO_2	PM_{10}	$PM_{2.5}$	O_3	SO_2	AQMS Avg
AD1	Adur - Shoreham-by-sea	97.7		99.6			**98.1**
BH10	Brighton - North Street	(17.3)	77.6	94.8			**86.2**
BH11	Brighton - Lewes Road, A270	96.0	90.4	90.4			**93.8**
BH12	Brighton - Hollingdean Road	97.6				(56.8)	**97.6**
BH14	Brighton - South Portslade	(74.8)	(72.9)	(73.6)		(73.7)	**-**
BH15	Brighton - London Road	76.9	75.9	75.8			**76.5**
BH16	Brighton - North Street Upper	81.9					**81.9**
CI1	Chichester - A27 Chichester Bypass	98.7	95.4	98.7			**98.0**
CI5	Chichester - Westhampnett Road	97.0					**97.0**
EB1	Eastbourne - Devonshire Park	93.7	97.9		91.5		**94.1**
HT1	Hastings - Bexhill Rd, Bulverhythe	83.9	90.1	96.6			**87.7**
HO5	Horsham - Cowfold			89.1			**89.1**
HO2	Horsham - Park Way, Horsham	92.2	92.4	92.4			**92.3**
LS8	Lewes – Little East Street, Lewes	99.6	95.5	98.6			**98.6**
MS1	Mid Sussex - London Road, East Grinstead	97.9	(4.2)	94.1			**96.9**
RY2	Rother - De La Warr Road, Bexhill	98.1	99.5	99.5			**98.7**
EB3	AURN – Eastbourne, Holly Place	93.9	99.9	99.9	98.0		96.6
LL1	AURN - Lullington Heath	94.8	99.3	99.3	98.1	93.4	96.4
BH0	AURN - Preston Park, Brighton	99.0	99.9	99.9	98.6		99.2
HO4	AURN - Storrington	89.8	93.6	93.6			91.3
WT2	AURN - Worthing A27 Grove Lodge	97.7		96.9			97.5
WT3	AURN - Worthing East Ten Acres		99.9	99.9			99.9

Note: Percentage values in (brackets) are data below 75% data capture rates.
Those data capture rates below 75% are excluded from the AQMS average data capture rate calculation for each site.

Table 3-2 : Data Capture Rate information (2025).

ID	Site name	Pollutant	Comment
BH10	Brighton - North Street	NO_2, PM_{10}	NO_2 instrument was removed in March 2025 and achieved on 17.3% data capture, therefore no annual average data is reported for the 2025 period. PM_{10} instrument was introduced March 2025 and achieved 77.6% data capture.
BH12	Brighton - Hollingdean Road	SO_2	Instrument removed for repair 04 August pending new lamp. The data capture rate for SO_2 was 56.8%.
BH14	Brighton - South Portslade	NO_2, SO_2, PM_{10}, $PM_{2.5}$	New site introduced February 2025.This site was marginally below the 75% data capture rate.
BH15	Brighton - London Road	NO_2, PM_{10}, $PM_{2.5}$	New site introduced March 2025. This site achieved >75% data capture rate.
BH16	Brighton - North Street Upper	NO_2	New site introduced February 2025, achieving 81.9% data capture.
HT1	Hastings - Bexhill Rd, Bulverhythe	NO_2	Data for September and part of October 2025 deleted due to internal sampling, follows moly converter replacement issue.
HO5	Horsham - Cowfold	$PM_{2.5}$	Data deleted due to intermittent ambient temp fail, power interruption, date / time fault, ambient temperature sensor fail.
MS1	Mid Sussex - London Road, East Grinstead	PM_{10}	PM_{10} instrument was converted to measure $PM_{2.5}$ in January 2025.The PM_{10} instrument annual data capture rate was only 4.2%, therefore no annual average data is reported for the 2025 period.

4 Annual statistics for 2025

4.1 2025 Annual Mean Data Results

All data reported is “approved” data. With Table 4-1 providing annual mean pollutant concentration results for all pollutants monitoring in the Sussex Network in 2025.

Those instruments with less than 25% data capture over the year do not have annual average data reported in the following tables i.e. Brighton - North Street (BH10) NO_2 (17.3%) and Mid Sussex - London Road, East Grinstead (MS1) PM_{10} (4.2%).

Table 4-1: Annual mean concentrations (µg/m³) for all pollutants in 2025

Site ID	Site Name	NO_2	PM_{10}	$PM_{2.5}$	O_3	SO_2
AD1	Adur - Shoreham-by-sea	18.6		9.7		
BH10	Brighton - North Street	-	18.3	9.3		
BH11	Brighton - Lewes Road, A270	29.1	16.2	9.1		
BH12	Brighton - Hollingdean Road	23.5				
BH14	Brighton - South Portslade	(14.7)	(17.5)	(8.5)		(0.4)
BH15	Brighton - London Road	28.8	16.0	8.6		
BH16	B&H - North Street Upper	39.7				
CI1	Chichester - A27 Chichester Bypass	17.6	15.7	9.3		
CI5	Chichester - Westhampnett Road	19.2				
EB1	Eastbourne - Devonshire Park	9.3	18.7		62.3	
HT1	Hastings - Bexhill Rd, Bulverhythe	10.1	22.0	12.2		
HO5	Horsham - Cowfold			9.8		
HO2	Horsham - Park Way, Horsham	16.0	13.6	9.0		
LS8	Lewes – Little East Street, Lewes	12.3	14.3	8.4		
MS1	Mid Sussex - London Road, East Grinstead	20.9	-	7.6		
RY2	Rother - De La Warr Road, Bexhill	11.6	16.7	8.6		
EB3	AURN – Eastbourne, Holly Place	8.4	12.0	7.6	57.5	
LL1	AURN - Lullington Heath	5.2	11.9	7.7	60.2	0.5
BH0	AURN – Brighton, Preston Park	10.4	13.9	8.5	51.4	
HO4	AURN - Storrington	15.7	15.1	8.5		
WT2	AURN - Worthing A27 Grove Lodge	19.6		8.8		
WT3	AURN - Worthing East Ten Acres		16.5	9.8		

Notes: Data in (brackets) are data below 75% data capture rates.

Particulate data is corrected to gravimetric equivalent measurement values. All corrections are applied for the instrument type and size fraction measured. The Volatile Correction Method (VCM) was not used at the Sussex TEOM sites (MS1 and BH10), as no localised FDMS 8500 series instruments were available in the region to make the correction calculations. The standardised 1.3 multiplier correction factor was used instead.

All AURN data is reported from UK-Air. Data from AURN sites may differ from these reported, see Section 3.2.

5 Air Quality Strategy Objectives and Targets

The following data presented in the following tables compare Sussex monitoring results with the Government's AQS Objectives for 2025. There is often more than one Air Quality Objective (AQO) per pollutant reflecting the differing health effects of short and long-term exposure. The AQOs are set out in Appendix 1. Where a site did not achieve a minimum of 75% data capture for the year, the measurements cannot be accurately compared to the AQOs and are entered as 'not applicable' (N/A).

5.1 Nitrogen Dioxide (NO_2)

Table 5-1 provides a comparison of the measured NO_2 annual mean and 1-hour mean concentrations with the AQOs for 2025. The table shows whether an AQMS achieved the objective, i.e. under the objective (Yes) or not (No).

Table 5-1: 2025 NO_2 Comparison with Air Quality Objectives.

Site ID	Site Name	Annual mean (µg/m³) 40µg/m³	Achieved (Yes/No)	1-hour mean 200 µg/m³ not to be exceeded more than 18 times per year	Achieved (Yes/No)
AD1	Adur - Shoreham-by-sea	18.6	Yes	0	Yes
BH10	Brighton - North Street	-	N/A	-	N/A
BH11	Brighton - Lewes Road, A270	29.1	Yes	0	Yes
BH12	Brighton - Hollingdean Road	23.5	Yes	0	Yes
BH14	Brighton - South Portslade	(14.7)	N/A	(0)	N/A
BH15	Brighton - London Road	28.8	Yes	0	Yes
BH16	Brighton - North Street Upper	39.7	Yes	0	Yes
CI1	Chichester - A27 Chichester Bypass	17.6	Yes	0	Yes
CI5	Chichester - Westhampnett Road	19.2	Yes	0	Yes
EB1	Eastbourne - Devonshire Park	9.3	Yes	2	Yes
HT1	Hastings - Bexhill Rd, Bulverhythe	10.1	Yes	0	Yes
HO2	Horsham - Park Way, Horsham	16.0	Yes	0	Yes
LS8	Lewes – Little East Street, Lewes	12.3	Yes	0	Yes
MS1	Mid Sussex - London Road, East Grinstead	20.9	Yes	0	Yes
RY2	Rother - De La Warr Road, Bexhill	11.6	Yes	0	Yes
EB3	AURN – Eastbourne, Holly Place	8.4	Yes	0	Yes
LL1	AURN - Lullington Heath	5.2	Yes	0	Yes
BH0	AURN – Brighton, Preston Park	10.4	Yes	0	Yes
HO4	AURN - Storrington	15.7	Yes	0	Yes
WT2	AURN - Worthing A27 Grove Lodge	19.6	Yes	0	Yes

Note: Data in (brackets) is data below 75% data capture rates.

All Sussex Network AQMS were below the annual mean and 1-hour mean AQO.

BH16 Brighton - North Street Upper recorded an annual average of 39.7µg/m³ over the period of 2025, although not a breach of the AQO, the measurement is within 10% of the objective.

5.2 Particulate matter (PM_{10})

Table 5-2 provides a comparison of PM_{10} annual mean and 24-hour mean concentrations with the AQOs for 2025 and shows whether the location achieved the objective, i.e. under the objective (yes) or not (no).

Table 5-2: PM_{10} Comparison with Air Quality Objectives

Site ID	Site name	Annual mean (µg/m³) 40 µg/m³	Achieved (Yes/No)	24-hour mean 50 µg/m³ not to be exceeded more than 35 times per year	Achieved (Yes/No)
BH10	Brighton - North Street	18.3	Yes	0	Yes
BH11	Brighton - Lewes Road, A270	16.2	Yes	1	Yes
BH15	Brighton - London Road	16.0	Yes	0	Yes
BH14	Brighton - South Portslade	(17.5)	N/A	(0)	N/A
CI1	Chichester - A27 Chichester Bypass	15.7	Yes	1	Yes
EB1	Eastbourne - Devonshire Park	18.7	Yes	1	Yes
HT1	Hastings - Bexhill Rd, Bulverhythe	22.0	Yes	4	Yes
HO2	Horsham - Park Way, Horsham	13.6	Yes	1	Yes
LS8	Lewes – Little East Street, Lewes	14.3	Yes	2	Yes
MS1	Mid Sussex - London Road, East Grinstead	-	N/A	-	N/A
RY2	Rother - De La Warr Road, Bexhill	16.7	Yes	2	Yes
EB3	AURN – Eastbourne, Holly Place	12.0	Yes	0	Yes
LL1	AURN - Lullington Heath	11.9	Yes	1	Yes
BH0	AURN - Preston Park, Brighton	13.9	Yes	1	Yes
HO4	AURN - Storrington	15.1	Yes	1	Yes
WT3	AURN - Worthing East Ten Acres	16.5	Yes	2	Yes

Notes: Particulate data is corrected to gravimetric equivalent measurement values. All corrections are applied for the instrument type and size fraction measured. Data in (brackets) is data below 75% data capture rates.

All Sussex Network AQMS were below the Annual mean and 24-hour mean AQO for PM_{10}.

5.3 Particulate matter ($PM_{2.5}$)

Table 5-3 provides a comparison of 2025 $PM_{2.5}$ annual mean concentration data with the Environment Act 2021 and Environmental Targets (Fine Particulate Matter) (England) Regulations 2023 Annual Mean Concentration Targets (AMCT). The table compares the measured concentrations to both the interim year (2030) target of 10µg/m³ and final year (2040) target of 10µg/m³.

Table 5-3: $PM_{2.5}$ Comparison with AMCT $PM_{2.5}$ interim Target (2030) and final Target Year (2040)

Site ID		Annual mean (µg/m³)	2030 Target 10µg/m³	2040 Target 10µg/m³
AD1	Adur - Shoreham-by-sea	9.7	Yes	Yes
BH10	Brighton - North Street	9.3	Yes	Yes
BH11	Brighton - Lewes Road, A270	9.1	Yes	Yes
BH15	Brighton - London Road	8.6	Yes	Yes
BH14	Brighton - South Portslade	(8.5)	N/A	N/A
CI1	Chichester - A27 Chichester Bypass	9.3	Yes	Yes
HT1	Hastings - Bexhill Rd, Bulverhythe	12.2	No	No

Site ID		Annual mean (µg/m³)	2030 Target 10µg/m³	2040 Target 10µg/m³
HO5	Horsham - Cowfold	9.8	Yes	Yes
HO2	Horsham - Park Way, Horsham	9.0	Yes	Yes
LS8	Lewes – Little East Street, Lewes	8.4	Yes	Yes
MS1	Mid Sussex - London Road, East Grinstead	7.6	Yes	Yes
RY2	Rother - De La Warr Road, Bexhill	8.6	Yes	Yes
EB3	AURN – Eastbourne, Holly Place	7.6	Yes	Yes
LL1	AURN - Lullington Heath	7.7	Yes	Yes
BH0	AURN - Preston Park, Brighton	8.5	Yes	Yes
HO4	AURN - Storrington	8.5	Yes	Yes
WT2	AURN - Worthing A27 Grove Lodge	8.8	Yes	Yes
WT3	AURN – Worthing Ten Acres	9.8	Yes	Yes

Notes: Particulate data is corrected to gravimetric equivalent measurement values. All corrections are applied for the instrument type and size fraction measured. Data in (brackets) is data below 75% data capture rates.

One Sussex Network site (Hastings - Bexhill Rd, Bulverhythe) was above the interim (2030) and final year (2040) annual mean target of 10µg/m³ for $PM_{2.5}$.

5.4 Sulphur dioxide (SO2)

There were three locations in Sussex measuring SO_2, Brighton Hollingdean Road (BH12), Brighton - South Portslade (BH14) and AURN - Lullington Heath (LL1). BH12 and BH14 are urban roadside AQMS in central Brighton and Portslade, with LL1 being stationed at a remote rural background location on the Sussex Downs near Lullington.

The AQOs for SO_2 are measured in the number of exceedances in a calendar year for different averaging periods, as follows:

- 15-minute mean value of 266 µg/m³ not to be exceeded more than 35 times a year
- 1-hour mean value of 350 µg/m³ not to be exceeded more than 24 times a year
- 24-hour mean value of 125µg/m3 not to be exceeded more than 3 times a year

Table 5-4 presents the AQO values for 2025 and shows whether the location achieved the objective, i.e. under the objective (yes) or not (no).

Table 5-4: SO_2 Comparison with Air Quality Strategy Objectives.

	Site Name	Air Quality Objective	Measured as:	Max. conc. (µg/m³)	Number of exceedances	Achieved (Yes/No)
BH12	Brighton - Hollingdean Road	266 µg/m³ not to be exceeded more than 35 times a year	15-minute mean	(9.4)	0	N/A
BH12	Brighton - Hollingdean Road	350 µg/m³ not to be exceeded more than 24 times a year	1-hour mean	(6.5)	0	N/A
BH12	Brighton - Hollingdean Road	125µg/m3 not to be exceeded more than 3 times a year	24-hour mean	(3.8)	0	N/A
BH14	Brighton - South Portslade	266 µg/m³ not to be exceeded more than 35 times a year	15-minute mean	(5.1)	0	N/A
BH14	Brighton - South Portslade	350 µg/m³ not to be exceeded more than 24 times a year	1-hour mean	(4.6)	0	N/A

	Site Name	Air Quality Objective	Measured as:	Max. conc. (µg/m³)	Number of exceedances	Achieved (Yes/No)
BH14	Brighton - South Portslade	125µg/m3 not to be exceeded more than 3 times a year	24-hour mean	(1.9)	0	N/A
LL1	AURN - Lullington Heath	266 µg/m³ not to be exceeded more than 35 times a year	15-minute mean	5.6	0	Yes
LL1	AURN - Lullington Heath	350 µg/m³ not to be exceeded more than 24 times a year	1-hour mean	4.7	0	Yes
LL1	AURN - Lullington Heath	125µg/m3 not to be exceeded more than 3 times a year	24-hour mean	2.0	0	Yes

Note: Percentage values in (brackets) are data below 75% data capture rates.

None of the AQMS exceeded the Air Quality Objectives for 2025. Note that BH12 and BH14 had low data capture rates during 2025.

5.5 Ozone (O_3)

The O_3 is a national objective under the Air Quality Standards Regulations 2010 and is not required to be reported by Local Authorities under the LAQM regime. It is a requirement for national government to assess the levels of O_3 in ambient air across the UK, however Sussex does undertake measurements of O_3 at one (1) network location Eastbourne - Devonshire Park (EB1)

Table 5-5 provides a comparison of O_3 8-hour mean with the AQO values for 2025 and shows whether a location achieved the objective, i.e. under the objective (yes) or not (no).

Table 5-5: O_3 Comparison with Air Quality Objectives.

Site ID	Site Name	Number of exceedances: 100 µg/m³ not to be exceeded more than 10 times per year (8-hour mean)	Achieved (Yes/No)
EB1	Eastbourne - Devonshire Park	70	No
EB3	AURN – Eastbourne, Holly Place	139	No
LL1	AURN - Lullington Heath	179	No
BH0	AURN – Brighton, Preston Park	101	No

There were 70 exceedances of the 8-hour mean 100 µg/m³ concentration value over the year at Eastbourne Devonshire Park (EB1).

By comparison the AURN – Eastbourne, Holly Place (EB3) which is also an urban background location, measured twice as many exceedances over the same period with 139.

AURN - Lullington Heath (LL1) which is 8km NNW of Eastbourne and at an elevated rural background location also recorded 179 exceedances.

AURN – Brighton, Preston Park (BH0) is an urban background AQMS located in the urban conurbation of Brighton and Hove, also exceeded the AQO 101 times.

6 WHO Air Quality Guideline Value Intercomparison

The data presented in the following tables compare Sussex monitoring results with the WHO Guideline values (2021) for 2025. The full WHO Guideline values (2021) are provided in the Appendix Table A1-3. The WHO Guideline values are stricter than the UK AQO values and not required to be reported under LAQM.

Fine particulates (PM10)

Table 6-1: PM_{10} Comparison with WHO Air Quality Guideline values

Site ID	Site Name	Annual Mean (µg/m³) 15µg/m³	Achieved AQG (yes/no)	24-hour mean* (µg/m³) 45µg/m³	Achieved AQG (yes/no)
BH10	Brighton - North Street	18.3	No	39.0	Yes
BH11	Brighton - Lewes Road, A270	16.2	No	38.9	Yes
BH15	Brighton - London Road	16.0	No	36.2	Yes
BH14	Brighton - South Portslade	(17.5)	N/A	(41.0)	N/A
CI1	Chichester - A27 Chichester Bypass	15.7	No	39.4	Yes
EB1	Eastbourne - Devonshire Park	18.7	No	41.9	Yes
HT1	Hastings - Bexhill Rd, Bulverhythe	22.0	No	52.2	No
HO2	Horsham - Park Way, Horsham	13.6	Yes	39.6	Yes
LS8	Lewes – Little East Street, Lewes	14.3	Yes	47.6	No
MS1	Mid Sussex - London Road, East Grinstead	-	N/A	N/A	N/A
RY2	Rother - De La Warr Road, Bexhill	16.7	Yes	44.8	Yes
EB3	AURN – Eastbourne, Holly Place	12.0	Yes	38.0	Yes
LL1	AURN - Lullington Heath	11.9	Yes	41.4	Yes
BH0	AURN - Preston Park, Brighton	13.9	Yes	42.7	Yes
HO4	AURN - Storrington	15.1	No	45.5	No
WT3	AURN - Worthing East Ten Acres	16.5	No	47.3	No

Notes: * 24-hour mean values presented are calculated as 99th percentile (i.e. 3–4 exceedance days per year). Values in brackets () are data that is below the 75% data capture rates.

During 2025 six (6) Sussex Network AQMS's exceeded the WHO Annual AQG value.

Two (2) Sussex AQMS exceeding the 24-hour PM_{10} AQG value at Hastings - Bexhill Rd, Bulverhythe and Lewes - Little East Street, Lewes.

Fine particulates ($PM_{2.5}$)

Table 6-2: $PM_{2.5}$ Comparison with WHO Air Quality Guideline values

Site ID	Site Name	Annual Mean (µg/m³) 5 µg/m³	Achieved AQG (yes/no)	24-hour mean* (µg/m³) 15 µg/m³	Achieved AQG (yes/no)
AD1	Adur - Shoreham-by-sea	9.7	No	36.5	No
BH10	Brighton - North Street	9.3	No	28.3	No
BH11	Brighton - Lewes Road, A270	9.1	No	33.3	No
BH15	Brighton - London Road	8.6	No	27.3	No
BH14	Brighton - South Portslade	(8.5)	N/A	(26.9)	N/A
CI1	Chichester - A27 Chichester Bypass	9.3	No	32.3	No
HT1	Hastings - Bexhill Rd, Bulverhythe	12.2	No	42.6	No
HO5	Horsham - Cowfold	9.8	No	37.6	No
HO2	Horsham - Park Way, Horsham	9.0	No	39.6	No
LS8	Lewes – Little East Street, Lewes	8.4	No	37.3	No
MS1	Mid Sussex - London Road, East Grinstead	7.6	No	17.3	No
RY2	Rother - De La Warr Road, Bexhill	8.6	No	38.8	No
EB3	AURN – Eastbourne, Holly Place	7.6	No	33.3	No
LL1	AURN - Lullington Heath	7.7	No	36.4	No
BH0	AURN - Preston Park, Brighton	8.5	No	35.7	No
HO4	AURN - Storrington	8.5	No	34.6	No
WT2	AURN - Worthing A27 Grove Lodge	8.8	No	36.3	No
WT3	AURN - Worthing East Ten Acres	9.8	No	41.0	No

Note: * 99th percentile (i.e. 3–4 exceedance days per year).
** N/A =not enough data capture for 99th percentile. 15 µg/m³ 24-hour mean was exceeded four times. Values in brackets () are data that is below the 75% data capture rates.

During 2025 all the Sussex Network AQMS exceeded the WHO Annual AQG value and 24-hour $PM_{2.5}$ AQG value.

Ozone (O_3)

Table 6-3: O_3 Comparison with WHO Air Quality Guideline values

Site ID	Site Name	Maximum daily 8-hour mean* (µg/m³) 100 µg/m³	Achieved AQG (yes/no)	Peak season mean** (µg/m³) 60 µg/m³	Achieved AQG (yes/no)
EB1	Eastbourne - Devonshire Park	88.0	Yes	67.2	No
EB3	AURN – Eastbourne, Holly Place	117.3	No	75.2	No
LL1	AURN - Lullington Heath	125.7	No	81.8	No
BH0	AURN – Brighton, Preston Park	126.3	No	82.2	No

Note: * 99th percentile (i.e. 3–4 exceedance days per year).
** Average of daily maximum 8-hour mean O_3 concentration in the six consecutive months with the highest six-month running- average O_3 concentration.

During 2025 Eastbourne - Devonshire Park (EB1) exceeded the WHO AQG the peak season mean threshold.

Nitrogen dioxide

Table 6-4: NO_2 Comparison with WHO Air Quality Guideline values

Site ID	Site Name	Annual Mean (µg/m³) 10 µg/m³	Achieved AQG (yes/no)	24-hour mean* (µg/m³) 25 µg/m³*	Achieved AQG (yes/no)	Max 1-hour mean (µg/m³) 200 µg/m³	Achieved AQG (yes/no)
AD1	Adur - Shoreham-by-sea	18.6	No	46.0	No	127.6	Yes
BH10	Brighton - North Street	-	N/A	N/A	N/A	96.5	N/A
BH11	Brighton - Lewes Road, A270	29.1	No	63.3	No	142.7	Yes
BH12	Brighton - Hollingdean Road	23.5	No	51.4	No	102.9	Yes
BH14	Brighton - South Portslade	(14.7)	N/A	41.3	N/A	89.5	N/A
BH15	Brighton - London Road	28.8	No	54.3	No	122.5	Yes
BH16	B&H - North Street Upper	39.7	No	78.2	No	192.9	Yes
CI1	Chichester - A27 Chichester Bypass	17.6	No	37.7	No	78.4	Yes
CI5	Chichester - Westhampnett Road	19.2	No	40.8	No	80.9	Yes
EB1	Eastbourne - Devonshire Park	9.3	Yes	35.4	No	67.1	Yes
HT1	Hastings - Bexhill Rd, Bulverhythe	10.1	No	23.7	Yes	61.6	Yes
HO2	Horsham - Park Way, Horsham	16.0	No	36.6	No	85.7	Yes
LS8	Lewes – Little East Street, Lewes	12.3	No	32.5	No	79.6	Yes
MS1	Mid Sussex - London Road, East Grinstead	20.9	No	54.4	No	170.3	Yes
RY2	Rother - De La Warr Road, Bexhill	11.6	No	34.4	No	80.2	Yes
EB3	AURN – Eastbourne, Holly Place	8.4	Yes	31.1	No	84.7	Yes

Site ID	Site Name	Annual Mean (µg/m³) 10 µg/m³	Achieved AQG (yes/no)	24-hour mean* (µg/m³) 25 µg/m³*	Achieved AQG (yes/no)	Max 1-hour mean (µg/m³) 200 µg/m³	Achieved AQG (yes/no)
LL1	AURN - Lullington Heath	5.2	Yes	17.5	Yes	55.2	Yes
BH0	AURN – Brighton, Preston Park	10.4	No	34.8	No	83.9	Yes
HO4	AURN - Storrington	15.7	No	32.0	No	67.3	Yes
WT2	AURN - Worthing A27 Grove Lodge	19.6	No	38.0	No	112.0	Yes

Note: * 99th percentile (i.e. 3–4 exceedance days per year). Values in brackets () are data that is below the 75% data capture rates.

During 2025, twelve (12) out of fifteen (15) Sussex Network AQMS locations exceeded the WHO NO_2 annual mean AQG value.

Twelve (12) out of fifteen (15) Sussex Network AQMS locations also exceeded the WHO NO_2 24-hour mean AQG value.

None of the Sussex AQMS locations exceeded the WHO NO_2 maximum 1-hour mean.

Sulphur dioxide

Table 6-5: SO_2 Comparison with WHO Air Quality Guideline values

Site ID	Site Name	24-hour mean (µg/m³) 40 µg/m³	Achieved (yes/no)	10 minutes mean* (µg/m³) 500 µg/m³	Achieved (yes/no)
BH12	Brighton - Hollingdean Road	(3.5)	N/A	(9.4)	N/A
BH14	Brighton - South Portslade	(1.6)	N/A	(5.1)	N/A
LL1	AURN - Lullington Heath	1.0	Yes	5.6	Yes

Note: *No AQMS (Sussex or AURN) measure 10-minute mean SO_2 data, so the 15 minutes mean data was used for comparison. Values in brackets () are data that is below the 75% data capture rates.

During 2025, both Sussex Network AQMS location did not achieve the 75% data capture rate to determine a comparable value for both the WHO 24-hour and 10-minute mean SO_2 AQG.

7 Air Quality Trends (5 years)

7.1 Nitrogen Dioxide 5-year Trend

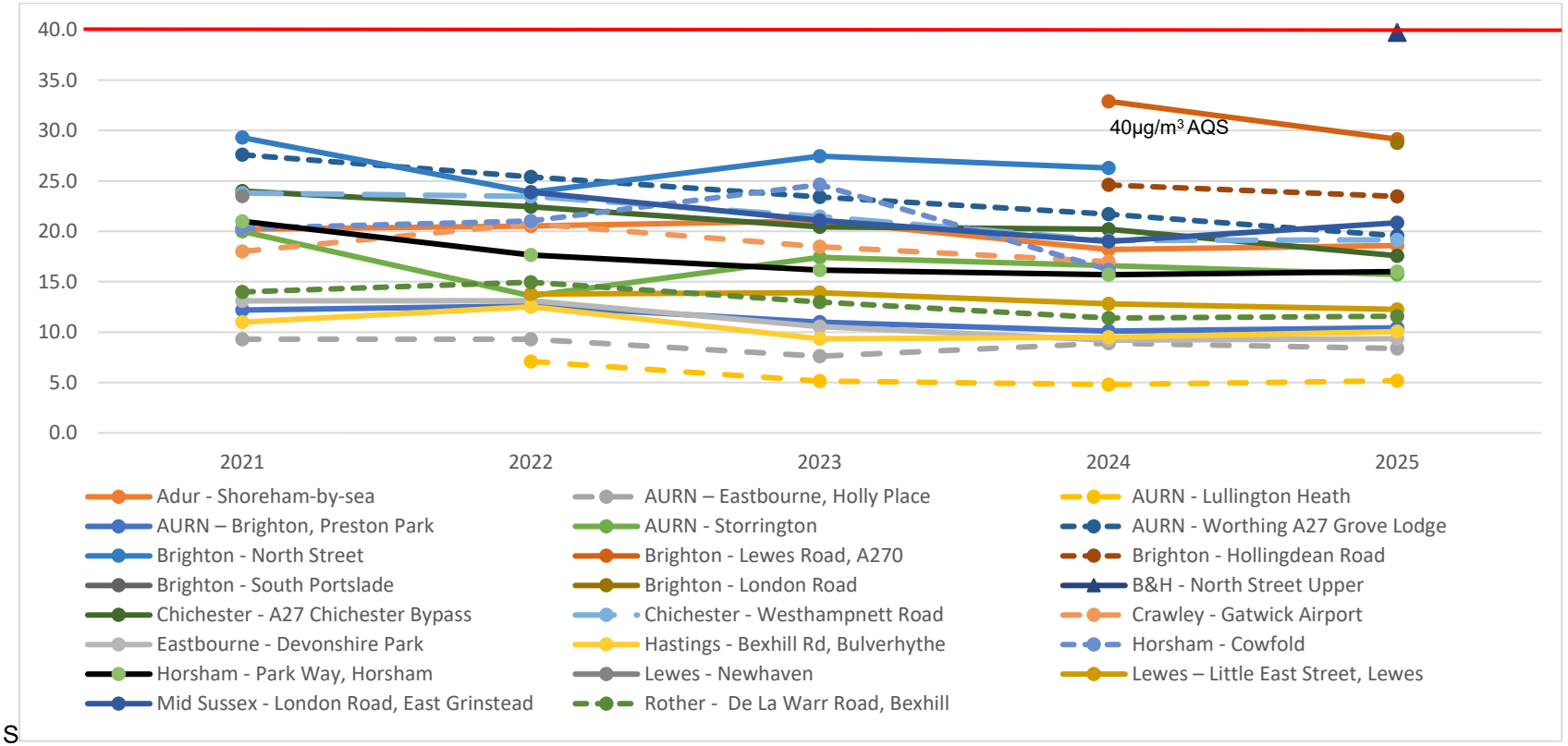
Table 7-1 and Figure 7-1 present the 5-year trend data for NO_2 annual mean concentrations from 2021 - 2025.

Table 7-1: Annual mean concentration (µg/m^3) NO_2 for 2021 – 2025.

Site ID	Site Name	2021	2022	2023	2024	2025
AD1	Adur - Shoreham-by-sea	20	21	21	18	19
BH10	Brighton - North Street	29	24	27	26	-
BH11	Brighton - Lewes Road, A270	-	-	-	(33)	29
BH12	Brighton - Hollingdean Road	-	-	-	(25)	24
BH14	Brighton - South Portslade	-	-	-	-	(15)
BH15	Brighton - London Road	-	-	-	-	29
BH16	B&H - North Street Upper	-	-	-	-	39.7
CI1	Chichester - A27 Chichester Bypass	24	22	20	20	18
CI5	Chichester - Westhampnett Road	24	23	21	19	19
CA2	Crawley - Gatwick Airport	18	21	18	(17)	-
EB1	Eastbourne - Devonshire Park	13	13	11	9	9
HT1	Hastings - Bexhill Rd, Bulverhythe	11	13	9	9	10
HO5	Horsham - Cowfold	20	21	25	16	-
HO2	Horsham - Park Way, Horsham	21	18	16	16	16
LS7	Lewes - Newhaven	24	-	-	-	-
LS8	Lewes – Little East Street, Lewes	-	14	14	13	12
MS1	Mid Sussex - London Road, East Grinstead	-	24	21	19	21
RY2	Rother - De La Warr Road, Bexhill	14	15	13	11	12
EB3	AURN – Eastbourne, Holly Place	9	9	8	9	8
LL1	AURN - Lullington Heath	-	7	5	5	5
BH0	AURN – Brighton, Preston Park	12	13	11	10	10
HO4	AURN - Storrington	20	14	17	17	16
WT2	AURN - Worthing A27 Grove Lodge	28	25	23	22	20

Note: Data in (brackets) is data below 75% data capture rates

Figure 7-1: Annual mean concentration (µg/m^3) NO_2 for 2021 – 2025



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Note: All units are µg/m^3.

The NO_2 trend data shows a continued levelling off in the annual mean concentration over the period of 2021 – 2025 across Sussex. The 2025 data value for Brighton – North St and Brighton - South Portslade are not shown in Figure 7-1 as these data did not achieve the 75% data capture rate required to calculate an annual average for the period.

7.2 Particulate Matter (PM_{10}) 5-year Trend

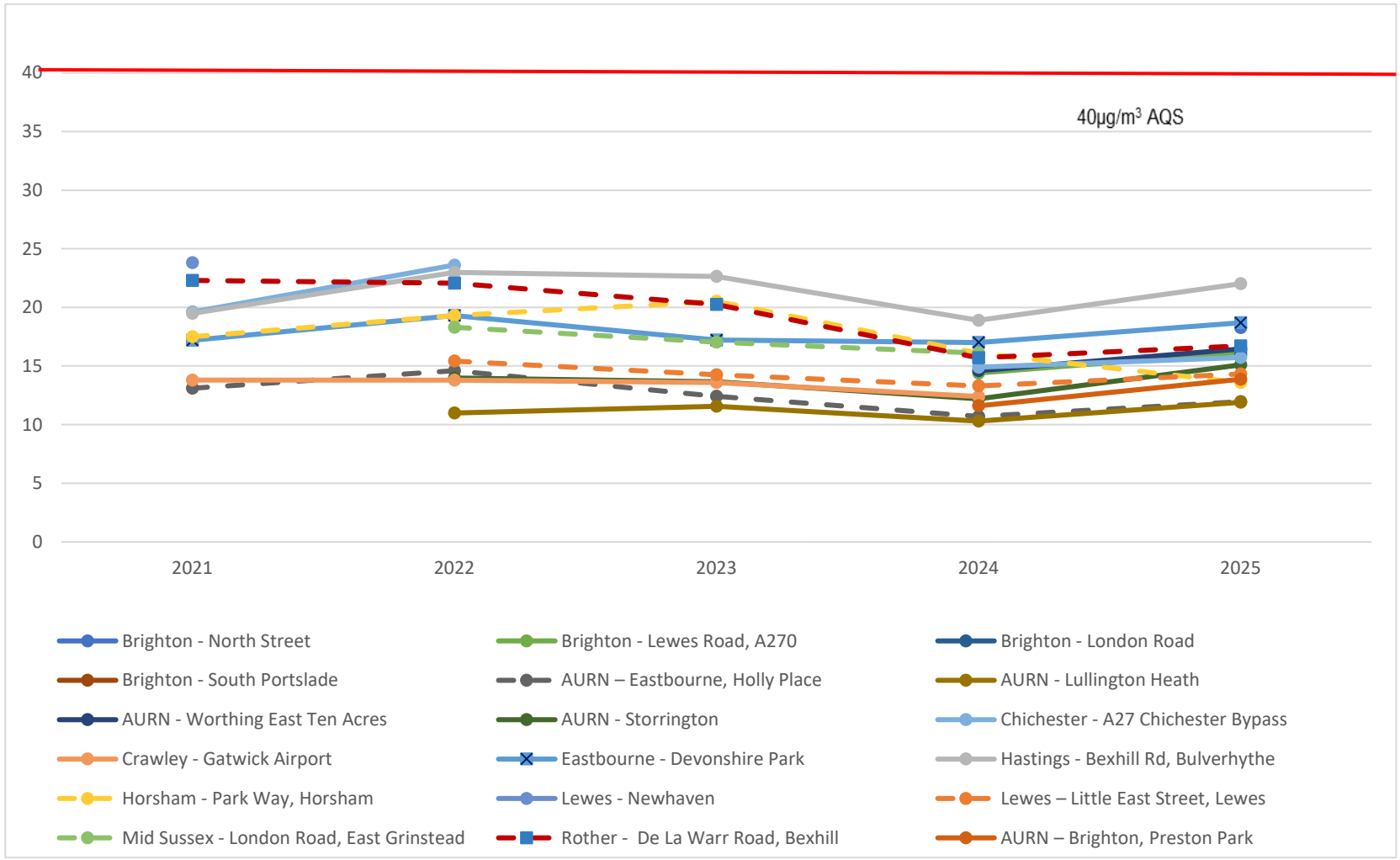
Table 7-2 and

Figure 7-2 present the 5-year trend data for PM_{10} annual mean concentrations for 2021 - 2025.

Table 7-2: Annual mean concentration (µg/m^3) PM_{10} for 2021 - 2025

Site ID	Site Name	2021	2022	2023	2024	2025
BH10	Brighton - North Street	-	-	-	-	18
BH11	Brighton - Lewes Road, A270	-	-	-	14	16
BH15	Brighton - London Road	-	-	-	-	16
BH14	Brighton - South Portslade	-	-	-	-	(18)
CI1	Chichester - A27 Chichester Bypass	20	24	-	15	16
CA2	Crawley - Gatwick Airport	14	14	14	12	-
EB1	Eastbourne - Devonshire Park	17	19	17	17	19
HT1	Hastings - Bexhill Rd, Bulverhythe	20	23	23	19	22
HO2	Horsham - Park Way, Horsham	18	19	21	16	14
LS7	Lewes - Newhaven	24	-	-	-	-
LS8	Lewes – Little East Street, Lewes	-	15	14	13	14
MS1	Mid Sussex - London Road, East Grinstead	-	18	17	16	-
RY2	Rother - De La Warr Road, Bexhill	22	22	20	16	17
EB3	AURN – Eastbourne, Holly Place	13	15	12	11	12
LL1	AURN - Lullington Heath	-	11	12	10	12
BH0	AURN – Brighton, Preston Park	-	-	-	12	14
HO4	AURN - Storrington	-	14	14	12	15
WT3	AURN - Worthing East Ten Acres	-	-	-	15	16

Figure 7-2: Annual mean concentration (µg/m^3) PM_{10} 2021 - 2025.



The data initially showed a levelling off in annual mean concentrations of PM_{10} between 2021 to 2024, however the 2025 data indicates a minor upward trend in concentrations occurred in the year. The 2025 data value Mid Sussex - London Road, East Grinstead is not shown in Figure 7-2 as these data did not achieve the 25% data capture rate required to calculate an annual average for the period.

7.3 Particulate matter ($PM_{2.5}$) 5-year Trend

Table 7-3 and Figure 7-3 present the 5-year trend data for $PM_{2.5}$ annual mean concentrations from 2021 to 2025.

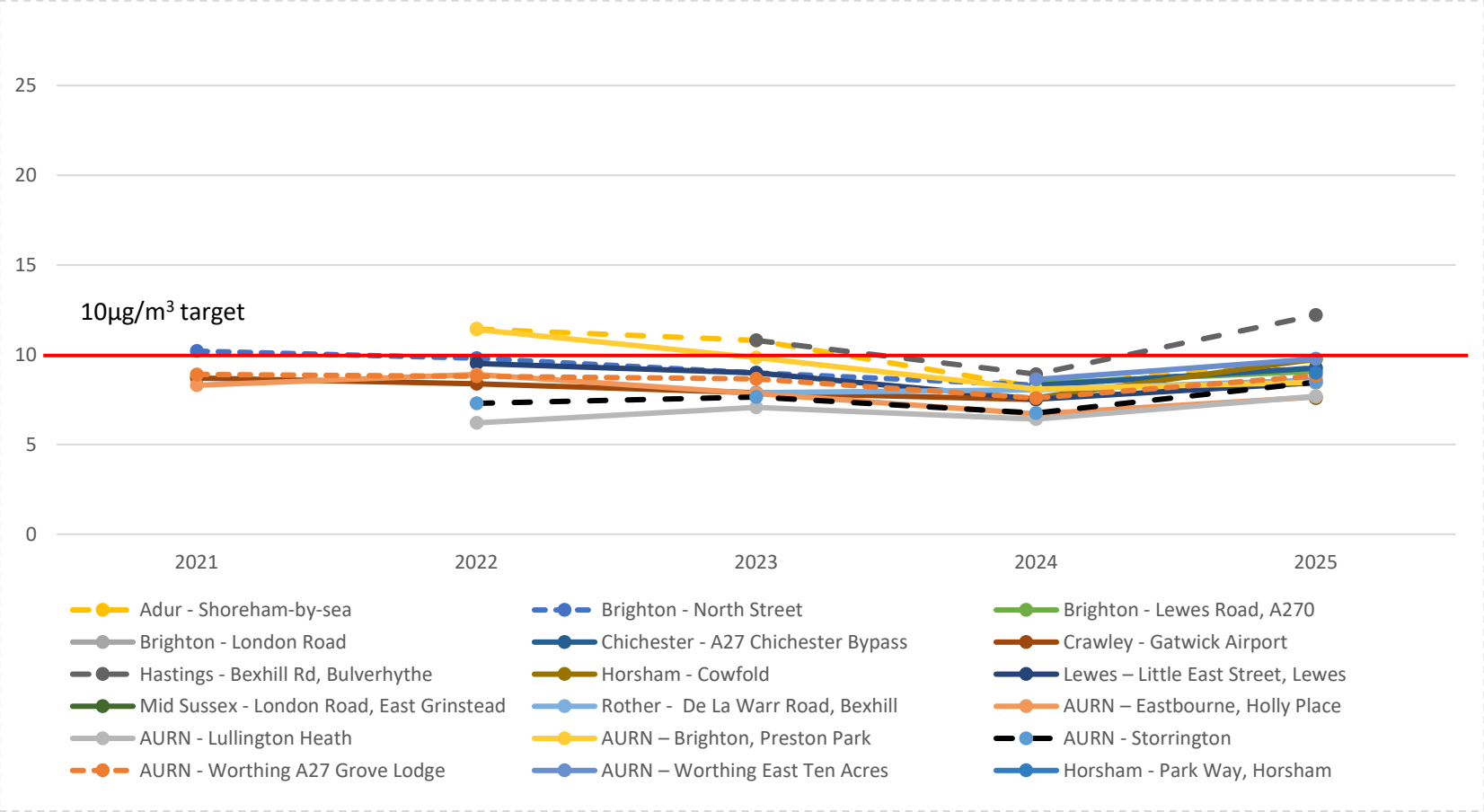
Table 7-3: Annual mean concentration (µg/m^3) $PM_{2.5}$ 2021 - 2025.

Site ID	Site Name	2021	2022	2023	2024	2025
AD1	Adur - Shoreham-by-sea	-	11	11	8	9.7
BH10	Brighton - North Street	10	10	9	8	9.3
BH11	Brighton - Lewes Road, A270	-	-	-	(8)	9.1
BH15	Brighton - London Road					8.6
BH14	Brighton - South Portslade					(8.5)
CI1	Chichester - A27 Chichester Bypass	-	-	-	8	9.3
CA2	Crawley - Gatwick Airport	9	8	8	(8)	-
HT1	Hastings - Bexhill Rd, Bulverhythe	-	-	11	9	**12.2**
HO5	Horsham - Cowfold	-	-	-	(8)	9.8
HO2	Horsham - Park Way, Horsham					9.0
LS8	Lewes – Little East Street, Lewes	-	10	9	8	8.4
MS1	Mid Sussex - London Road, East Grinstead					7.6
RY2	Rother - De La Warr Road, Bexhill	-	v-	8	8	8.6
EB3	AURN – Eastbourne, Holly Place	8	9	8	7	7.6
LL1	AURN - Lullington Heath	-	6	7	6	7.7
BH0	AURN – Brighton, Preston Park	-	11	10	8	8.5
HO4	AURN - Storrington	-	7	8	7	8.5
WT2	AURN - Worthing A27 Grove Lodge	9	9	9	8	8.8
WT3	AURN - Worthing East Ten Acres	-	-	-	9	9.8

Note: Data in (brackets) is data below 75% data capture rates.

Concentrations in 2025 reported to 1 decimal place, as rounding up of values can incorrectly indicate an exceedance of the interim and final 10µg/m^3 target values.

Figure 7-3: Annual mean concentration (µg/m³) $PM_{2.5}$ from 2021 to 2025.



The $PM_{2.5}$ data between 2021 to 2023 initially showed a levelling off in annual mean concentrations, however as seen in the PM_{10} annual averages the $PM_{2.5}$ data dipped up in 2025.

The Environment Act 2021 $PM_{2.5}$ interim year (2030) and final year (2040) target of 10µg/m³ was breached at one Sussex Network site (Hastings - Bexhill Rd, Bulverhythe) and none of the AURN sites.

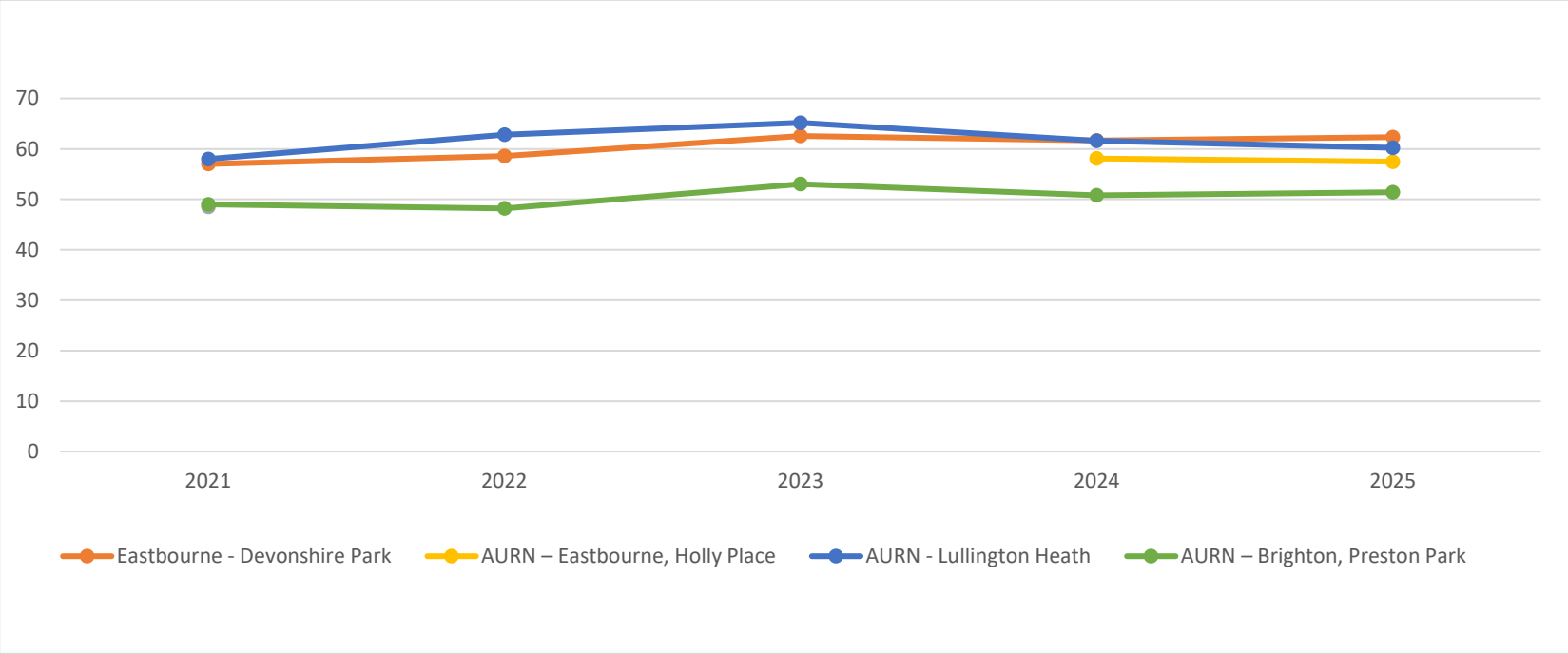
7.4 Ozone 5-year Trend

Table 7-4 and Figure 7-4 present the 5-year trend data for O_3 annual mean concentrations from 2021 to 2025

Table 7-4: Annual mean concentration (µg/m^3) O_3 from 2021 to 2025

Site ID	Site Name	2021	2022	2023	2024	2025
EB1	Eastbourne - Devonshire Park	57	59	63	62	62
LS7	Lewes - Newhaven	49	-	-	-	-
EB3	AURN – Eastbourne, Holly Place	-	-	-	58	57
LL1	AURN - Lullington Heath	58	63	65	62	60
BH0	AURN – Brighton, Preston Park	49	48	53	51	51

Figure 7-4: Annual mean concentration (µg/m^3) O_3 from 2021 to 2025



The data shows a levelling off in annual mean concentrations of O_3 over the period across the Sussex sites.

7.5 Sulphur dioxide 5-year Trend

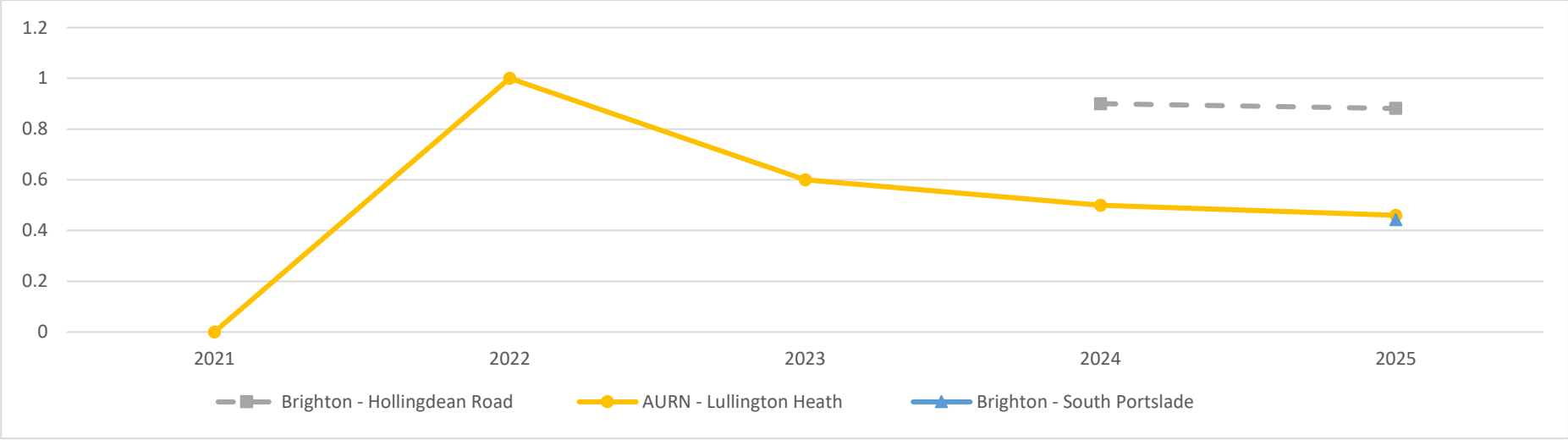
Table 7-5 and Figure 7-5 present the 5-year trend data for SO_2 annual mean concentrations from 2021 to 2025.

Table 7-5: Annual mean concentration (µg/m^3) SO_2 2021 - 2025

Site ID	Site Name	2021	2022	2023	2024	2025
BH12	Brighton - Hollingdean Road	-	-	-	(0.9)	(0.9)
BH14	Brighton - South Portslade	-	-	-	-	(0.4)
LL1	AURN - Lullington Heath	0.0	1.0	0.6	0.5	0.5

Note: Data in (brackets) is data below 75% data capture rates.

Figure 7-5: Annual mean concentration (µg/m^3) SO_2 2021 - 2025



Data from the SO_2 monitoring locations at Brighton - Hollingdean Road and Brighton - South Portslade in 2025 did not achieve >75% data capture so is only displayed for information. The SO_2 trend data for the AURN – Lullington Heath (LL1) AQMS shows a continued levelling-off of very low SO_2 concentrations.

8 Air Quality Forecasts and the DAQI System

There are several pollutants monitored across Sussex and each of these or the combination of these pollutants can affect people's health differently. To provide a health-based information service in the UK there is an Air Quality Banding system which is used to inform the public about the levels of pollution that they may be exposed to and are based on health advice approved by the UK Committee on Medical Effects of Air Pollution Episodes (COMEAP).

The UK uses Daily Air Quality Index (DAQI) categories which set out specific health impact related pollutant thresholds and exposure periods. The system uses an index divided into four bands to provide more detail about air pollution levels in a simple way; these bandings range from Low, Moderate, High to Very High. The overall air pollution index is calculated from the highest index value of five pollutants: NO_2, PM_{10}, $PM_{2.5}$, O_3 and SO_2.

The DAQI categories are: "Low" (Air Quality Index 1- 3), "Moderate" (Air Quality Index 4- 6), "High" (Air Quality Index 7-9) and "Very High" (Air Quality Index 10), see Appendix 3, Table A3-1.

Sussex has an air quality Alert forecasting service which uses these DAQIs to send out alerts to vulnerable people across Sussex. For more information visit https://sussex-air.net/sussex-air-quality-service-for-sussex/what-is-sussex-air-quality-service/

The following tables show the number of days where exceedances of these DAQI categories occurred at the Sussex and at AURN AQMS sites in 2025.

8.1 "Low" DAQI days

2025 was dominated by 'low' air pollution days (Daily Air Quality Index 1 - 3) across the year. Most locations did not breach the "low" DAQI threshold all year for all the available days that were monitored.

Some sites had fewer number of days registered as "low" due over the year. This is due to either an AQMS or specific instrument not being operational for part of the year. For further details see the data capture statistics information in section **Error! Reference source not found.**.

Table 8-1: Number of days 'Low' air pollution during 2025 (Daily Air Quality Index 1-3).

Site ID	Site Name	NO_2	PM_{10}	$PM_{2.5}$	O_3	SO_2
AD1	Adur - Shoreham-by-sea	365		361		
BH10	Brighton - North Street	(64)	288	352		
BH11	Brighton - Lewes Road, A270	360	338	337		
BH12	Brighton - Hollingdean Road	365				(211)
BH14	Brighton - South Portslade	(281)	(272)	(272)		(275)
BH15	Brighton - London Road	289	285	285		
BH16	B&H - North Street Upper	308				
CI1	Chichester - A27 Chichester Bypass	363	352	362		
CI5	Chichester - Westhampnett Road	365				
EB1	Eastbourne - Devonshire Park	365	359		354	
HT1	Hastings - Bexhill Rd, Bulverhythe	318	297	351		
HO5	Horsham - Cowfold			333		
HO2	Horsham - Park Way, Horsham	345	334			
LS8	Lewes – Little East Street, Lewes	365	351	359		
MS1	Mid Sussex - London Road, East Grinstead	361	(15)	332		
RY2	Rother - De La Warr Road, Bexhill	365	363	361		
EB3	AURN – Eastbourne, Holly Place	347	365	363	345	
LL1	AURN - Lullington Heath	353	360	357	338	361

Site ID	Site Name	NO_2	PM_{10}	$PM_{2.5}$	O_3	SO_2
BH0	AURN – Brighton, Preston Park	365	364	362	351	
HO4	AURN - Storrington	335	339	338		
WT2	AURN - Worthing A27 Grove Lodge	360		351		
WT3	AURN - Worthing East Ten Acres		363	360		

Note: *Sites or instruments not operational the full year, thus have reduced measurement days. Values in (brackets) are data below 75% data capture rates.

8.2 "Moderate" DAQI days

Table 8-2 shows the number of days that were measured as 'moderate' air pollution (Daily Air Quality Index 4- 6) at each of the Sussex AQMSs.

Table 8-2: Number of days 'Moderate' air pollution during 2025 (Daily Air Quality Index 4- 6).

Site ID	Site Name	NO_2	PM_{10}	$PM_{2.5}$	O_3	SO_2
AD1	Adur - Shoreham-by-sea	0		4		
BH11	Brighton - Lewes Road, A270	0	1	2		
BH14	Brighton - South Portslade	0	0	(1)		
CI1	Chichester - A27 Chichester Bypass	0	1	1		
EB1	Eastbourne - Devonshire Park	0	1		11	
HT1	Hastings - Bexhill Rd, Bulverhythe	0	4	5		
HO5	Horsham - Cowfold			5		
HO2	Horsham - Park Way, Horsham	0	1			
LS8	Lewes – Little East Street, Lewes	0	2	4		
RY2	Rother - De La Warr Road, Bexhill	0	2	4		
EB3	AURN – Eastbourne, Holly Place	0	0	2	20	
LL1	AURN - Lullington Heath	0	1	4	27	0
BH0	AURN – Brighton, Preston Park	0	1	3	14	
HO4	AURN - Storrington	0	2	3		
WT2	AURN - Worthing A27 Grove Lodge	0		3		
WT3	AURN - Worthing East Ten Acres		2	5		

8.3 "High" DAQI days

There was only one day of 'High' (Air Quality Index 7-9) air pollution during 2025.

Table 8-3: Number of days 'High' air pollution during 2025 (Daily Air Quality Index 7- 9).

Site ID	Site Name	NO_2	PM_{10}	$PM_{2.5}$	O_3	SO_2
HT1	Hastings - Bexhill Rd, Bulverhythe	0	0	1		

8.4 "Very High" DAQI days

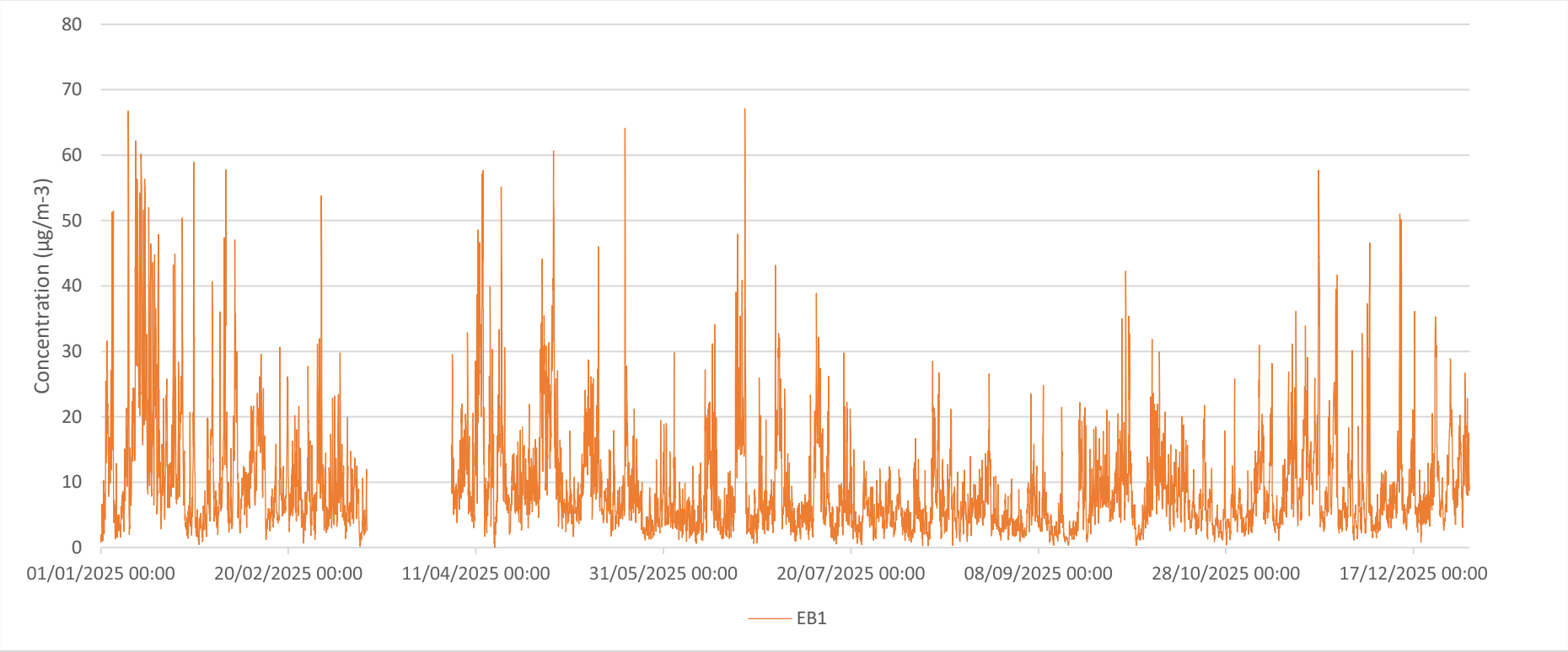
There were no days of 'Very High' (Air Quality Index 10) air pollution during 2025.

9 Air Quality Measurements by Pollutant

9.1 Nitrogen Dioxide 1-hour mean

Figure 9-1 presents the 1-hour mean data from the only Sussex urban background AQMS (EB1 Eastbourne- Devonshire Park).

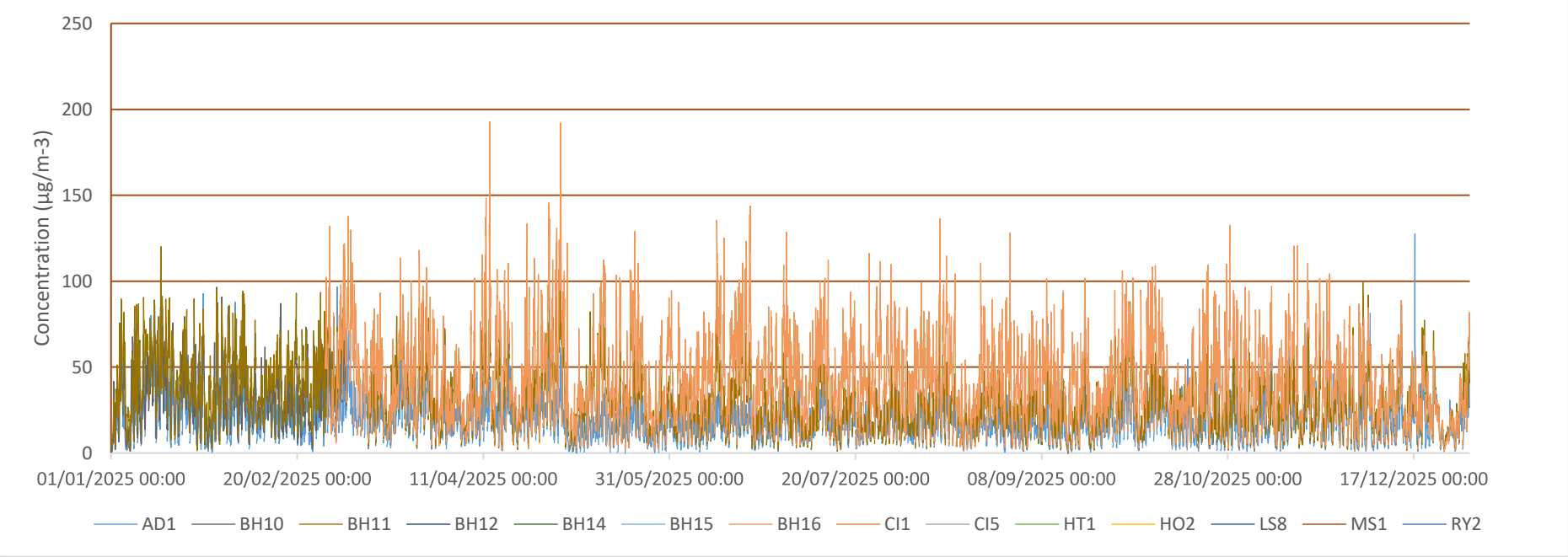
Figure 9-1: NO_2 hourly mean concentrations (µg/m³) in 2025 (Sussex Urban background sites)



Note: To present the 1-hour mean data for a site, there are 8784 (365 x 24) data points in a full year's data set. This graph is presented to provide an illustration of the data trends and if required these data can be downloaded directly from the Sussex-Air website (www.sussex-air.net).

Figure 9-2 presents the 1-hour mean data from all the Sussex urban traffic sites in 2025.

Figure 9-2: NO_2 hourly mean concentrations (µg/m³) in 2025 (Sussex Urban traffic sites)



Note: To present the 1-hour mean data for a site, there are 8784 (365 x 24) data points in a full year's data set. This graph is presented to provide an illustration of the data trends and if required these data can be downloaded directly from the Sussex-Air website (www.sussex-air.net).

No sites across the Sussex Network exceeded the 'Moderate' levels (1-hour means >200µg/m³), the 'High' levels (1-hour means >400µg/m³) or the 'Very High' levels (1-hour means >600µg/m³) for NO_2 during 2025.

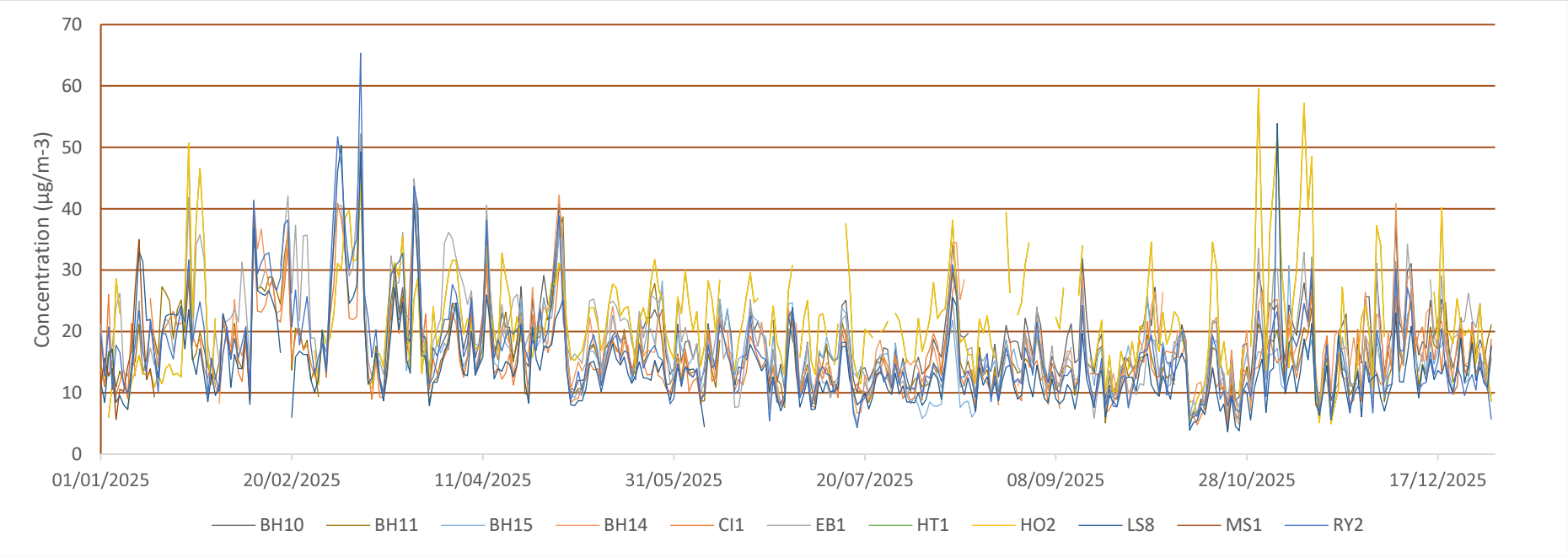
9.2 Particulate matter (PM_{10}) 24-hour mean

Figure 9-3 presents the 24-hour mean data from the Sussex PM_{10} sites in 2025.

Seven sites exceeded the 24-hour mean AQO concentration of 50 µg/m³, but no site exceeded it more than 35 times per year, thus all sites achieved the AQO. These seven locations (Brighton - Lewes Road, A27 (BH11), Chichester - A27 Chichester Bypass (CI1), Eastbourne - Devonshire Park (EB1), Hastings - Bexhill Rd, Bulverhythe (HT1), Horsham - Park Way (HO2), Lewes – Little East Street (LS8) and Rother - De La Warr Road, Bexhill (RY2)) exceeded the "Moderate" DAQI threshold for 1 day in 2025. No sites exceeded the "High" or " Very High" DAQI threshold in 2025.

Peak concentrations of PM_{10} tended to occur in the winter, when there are cold still atmospheric conditions which do not allow the pollutants to disperse. The highest concentrations were seen in November 2025, which coincided with events such as Diwali and Guy Fawkes celebrations.

Figure 9-3: PM_{10} 24hr mean concentrations (µg/m³) in 2025.



Note: To present the 24-hour mean data for a site, there are 366 data points in a full year's data set. This graph is presented to provide an illustration of the data trends and if required these data can be downloaded directly from the Sussex-Air website (www.sussex-air.net).

9.3 Particulate matter ($PM_{2.5}$) 24-hour mean

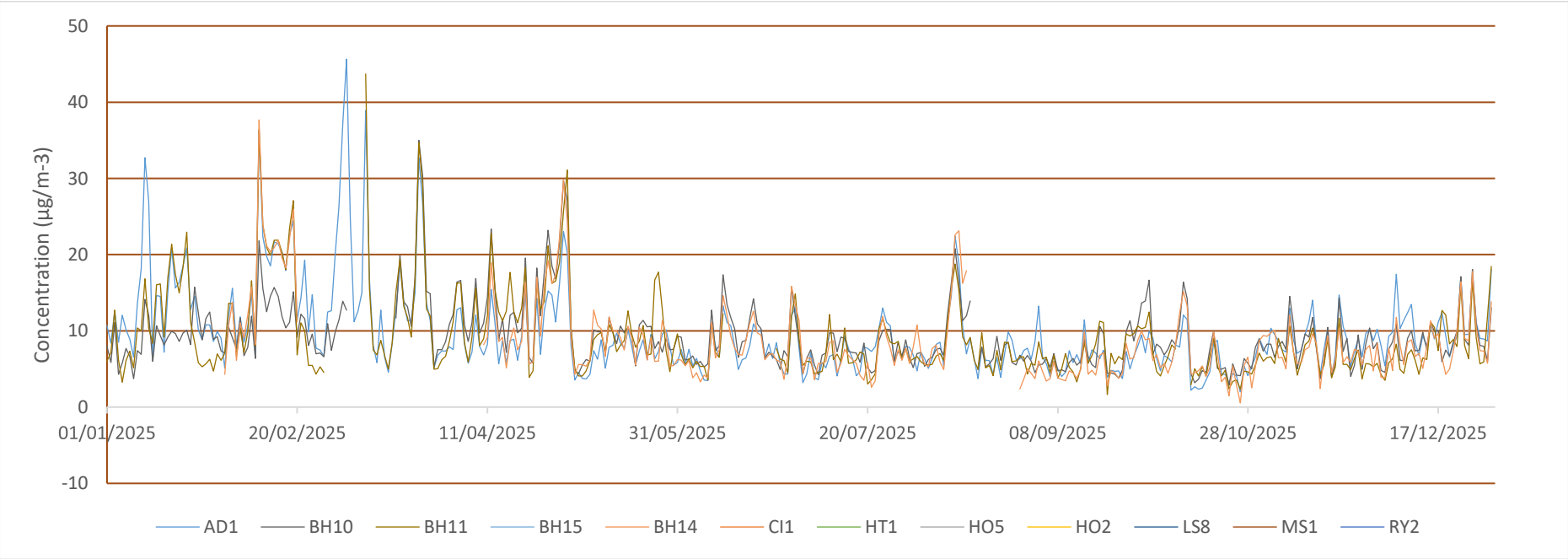
Figure 9-4 presents the 24-hour mean data from the Sussex $PM_{2.5}$ sites in 2025.

There were eight (8) sites (Adur - Shoreham-by-sea (AD1), Brighton - Lewes Road, A27 (BH11), Brighton - South Portslade (BH14), Chichester - A27 Chichester Bypass (CI1), Hastings - Bexhill Rd, Bulverhythe (HT1), Horsham - Cowfold (HO5), Lewes – Little East Street (LS8) and Rother - De La Warr Road, Bexhill (RY2))that exceeded the “Moderate” DAQI threshold for 1 day in 2025

There was one site (Hastings - Bexhill Rd, Bulverhythe (HT1)) that exceeded the “High” DAQI threshold for 1 day in 2025. No sites exceeded the “Very High” DAQI threshold in 2025.

Peak concentrations of $PM_{2.5}$ were seen in March and November 2025, which also coincided with peak periods of PM_{10}.

Figure 9-4: $PM_{2.5}$ 24hr mean concentrations (µg/m³) in 2025.



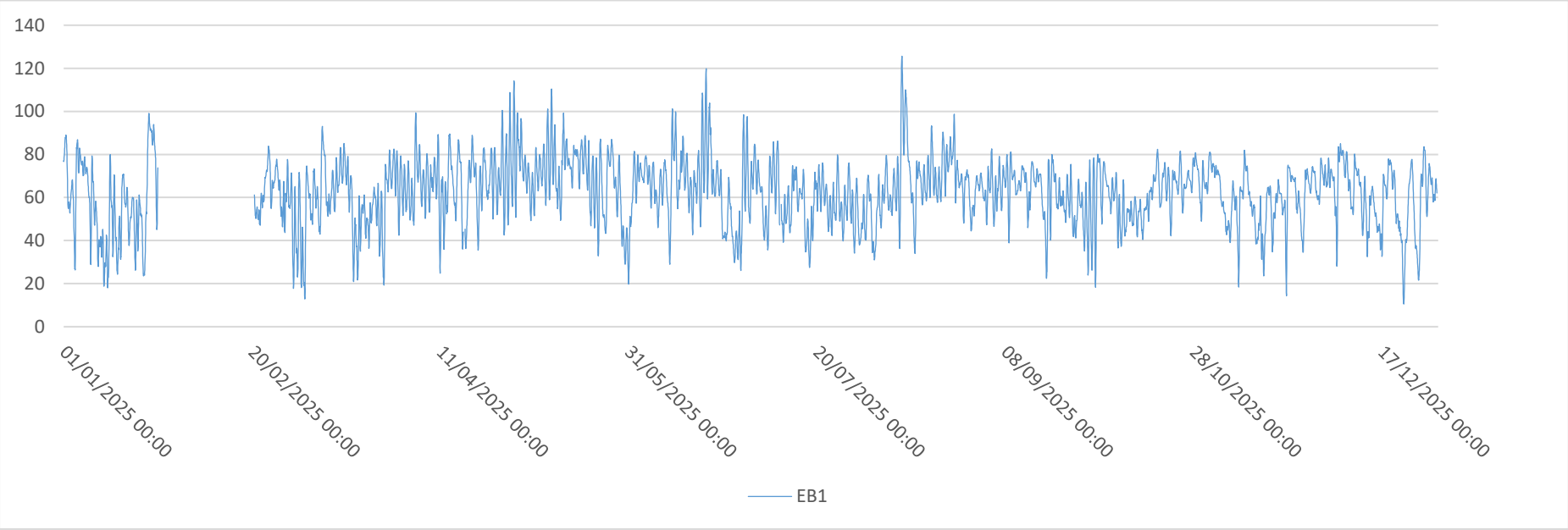
Note: To present the 24-hour mean data for a site, there are 366 data points in a full year’s data set. This graph is presented to provide an illustration of the data trends and if required these data can be downloaded directly from the Sussex-Air website (www.sussex-air.net).

9.4 Ozone 8-hour running mean

Figure 9-5 presents the 8-hour running mean data from the only Sussex Network O_3 site at Eastbourne - Devonshire Park (EB1) in 2025.

'Moderate' O_3 was recorded at EB1 for 11 days over 2025. There were no days where the "High" or "Very High" DAQI was recorded at EB1.

Figure 9-5: O_3 8-hour running mean concentrations (µg/m³) in 2025.



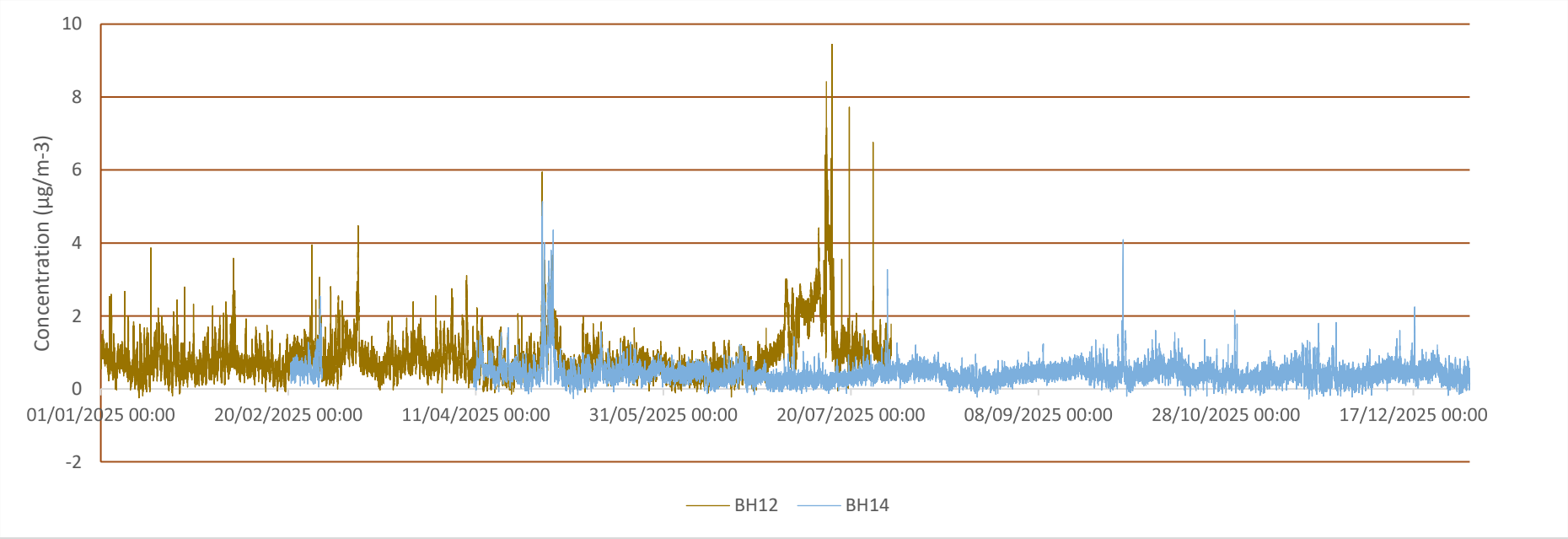
Note: To present the 8-hour running mean data for a site, there 8784 (365 x 24) data points in a full year's data set. This graph is presented to provide an illustration of the data trends and if required these data can be downloaded directly from the Sussex-Air website (www.sussex-air.net).

9.5 Sulphur Dioxide 15 minutes mean

Figure 9-6 presents the 15 minutes mean data from the two Sussex Network SO_2 monitoring sites (Brighton - Hollingdean Road (BH12) and Brighton - South Portslade (BH14)) in 2025.

There were no occurrences of 'Moderate' levels (15min mean >266µg/m^3) or above for SO_2 during 2025.

Figure 9-6: SO_2 15 minutes mean concentrations (µg/m^3) in 2025.



Note: This graph is presented to provide an illustration of the data trends over 2025 and if required these data can be downloaded directly from the Sussex-Air website (www.sussex-air.net).

Appendices

Appendix 1: Air Quality Objectives

The Air Quality Strategy Objectives apply at locations outside buildings or other natural or man-made structures above or below ground, where members of the public are regularly present and might reasonably be expected to be exposed to pollutant concentrations over the relevant averaging period. Typically, these include residential properties and schools/care homes for long-term (i.e. annual mean) pollutant objectives and high streets for short-term (i.e. 1-hour) pollutant objectives.

The national Air Quality Objectives and Air Quality Standards Regulations limit and target values with which the UK must comply are summarised in the National air quality objectives (PDF 262 KB) of the Air Quality Strategy.

Definitions:

- Air Quality Standards are concentrations recorded over a given time period, which are considered to be acceptable in terms of what is scientifically known about the effects of each pollutant on health and on the environment. They can also be used as a benchmark to indicate whether air pollution is getting better or worse.
- An exceedance is a period of time (defined for each standard) where the concentration is higher than that set out in the Standard. In order to make useful comparisons between pollutants, (the Standards may be expressed in terms of different averaging times), the number of days on which an exceedance has been recorded is often reported.
- An objective is the target date on which exceedances of a Standard must not exceed a specified number.
- Limit values are legally binding parameters that must not be exceeded. Limit values are set for individual pollutants and are made up of a concentration value, an averaging time over which it is to be measured, the number of exceedances allowed per year, if any, and a date by which it must be achieved. Some pollutants have more than one limit value covering different endpoints or averaging times.
- Target values – are set out in the same way as limit values. They are to be attained where possible by taking all necessary measures not entailing disproportionate costs.

Table A1, taken from LAQM Technical Guidance (LAQM TG(22)), provides an indication of those locations that may or may not be relevant for each averaging period.

Table A1-1: Examples of where the Air Quality Objectives should apply.

Averaging Period	Objectives should apply at:	Objectives should generally not apply at:
Annual mean	All locations where members of the public might be regularly exposed. Building facades of residential properties, schools, hospitals, care homes etc.	Building facades of offices or other places of work where members of the public do not have regular access. Hotels, unless people live there as their permanent residence. Gardens of residential properties. Kerbside sites (as opposed to locations at the building façade), or any other location where public exposure is expected to be short term
24-hour mean and 8-hour mean	All locations where the annual mean objectives would apply, together with hotels. Gardens or residential properties[1].	Kerbside sites (as opposed to locations at the building façade), or any other location where public exposure is expected to be short term.

1-hour mean	All locations where the annual mean and 24 and 8-hour mean objectives would apply. Kerbside sites (e.g. pavements of busy shopping streets). Those parts of car parks, bus stations and railway stations etc. which are not fully enclosed, where the public might reasonably be expected to spend one hour or more. Any outdoor locations at which the public may be expected to spend one hour or longer.	Kerbside sites where the public would not be expected to have regular access.
15-minute mean	All locations where members of the public might reasonably be expected to spend a period of 15 minutes or longer.	

Table A1-2 sets out the national Air Quality Standard Objectives for each pollutant. All objectives are national objectives however some are placed under the LAQM regime to assist delivering improvements in air quality and are the responsibility of Local Authorities to deliver.

Table A1-2: UK Air Quality Objectives

Pollutant	AQO	Concentration Measured as:	Responsible authority
Nitrogen Dioxide (NO_2)	200 µg/m³ not to be exceeded more than 18 times per year	1-hour mean	Local Authority (under LAQM)
	40 µg/m³	Annual mean	Local Authority (under LAQM)
Particulate Matter (PM_{10})	50 µg/m³ not to be exceeded more than 35 times per year	24-hour mean	Local Authority (under LAQM))
	40 µg/m³	Annual mean	Local Authority (under LAQM)
Sulphur dioxide (SO_2)	266 µg/m³ not to be exceeded more than 35 times a year	15 - minute mean	Local Authority (under LAQM)
	350 µg/m³ not to be exceeded more than 24 times a year	1-hour mean	Local Authority (under LAQM)
	125µg/m³ not to be exceeded more than 3 times a year	24-hour mean	Local Authority (under LAQM)
Ozone (O_3)	100µg/m³ not to be exceeded more than 10 times a year	8-hour mean	National Govt.

Notes:
For the purpose of LAQM reporting, concentrations should be reported to 1 decimal place.

Environmental Targets (Fine Particulate Matter) (England) Regulations 2023

Regulation 4 of the Environmental Targets (Fine Particulate Matter) (England) Regulations 2023 set the target to ensure that the annual mean concentration of $PM_{2.5}$ in ambient air is equal to or less than 10 micrograms per cubic metre by 31st December 2040.

An interim target value annual mean concentration of $PM_{2.5}$ in ambient air is equal to or less than 10 micrograms per cubic metre by 31st December 2030. This was introduced as part of Air quality Environment Act target delivery plan[3] in December 2025.

Table A1-3: Annual Mean Concentration Targets (AMCT) (England)

Pollutant	Target	Concentration Measured as:	Responsible authority
Particulate Matter ($PM_{2.5}$)	2030 interim target 10 µg/m³	Annual Mean	National Govt.
	2040 target 10 µg/m³	Annual Mean	National Govt.

Regulation 4 of the Environmental Targets (Fine Particulate Matter) (England) Regulations 2023 set the target population exposure reduction target (PERT) for $PM_{2.5}$ – a minimum of 35% reduction compared to 2018 by 31 December 2040.

An interim PERT target for $PM_{2.5}$ – a minimum of 30% reduction compared to 2018 by 31 December 2030. This was introduced as part of Air quality Environment Act target delivery plan[3] in December 2025.

Table A1-4: Population Exposure Reduction Targets (PERT) (England)

Pollutant	Target year	Concentration Measured as:	Responsible authority
Particulate Matter ($PM_{2.5}$)	31 December 2030	Min 30% reduction compared to 2018	National Govt.
	31 December 2040	Min 35% reduction compared to 2018	National Govt.

[3] https://www.gov.uk/government/publications/air-quality-environment-act-target-delivery-plan/air-quality-environment-act-target-delivery-plan

Appendix 2: WHO Guidelines

WHO air quality guideline values are provided in Table A2-1.

Table A2-1: WHO Air Quality Guideline values (2021)

Pollutant	Averaging period	WHO AQG value	Guideline
PM_{10}	1 day	45µg/m^3	99th percentile (3-4 exceedance days per year). Updated 2021 guideline.
	Calendar year	15µg/m^3	Updated 2021 guideline.
$PM_{2.5}$	1 day	15µg/m^3	99th percentile (3-4 exceedance days per year). Updated 2021 guideline.
	Calendar year	5µg/m^3	Updated 2021 guideline.
O_3	Maximum daily 8-hour mean	100µg/m^3	99th percentile (3-4 exceedance days per year). New 2021 guideline.
	Peak season [(b)]	60µg/m^3	New 2021 guideline.
NO_2	1 hour	200µg/m^3	99th percentile (3-4 exceedance days per year). New 2021 guideline.
	1 day	25µg/m^3	
	Calendar year	10µg/m^3	Updated 2021 guideline.
SO2	10 minutes	500µg/m^3	
	1 day	40µg/m^3	99th percentile (3-4 exceedance days per year). New 2021 guideline.

Appendix 3: Air Quality Bandings

Table A3-1: UK Air Quality Bandings: Daily Air Quality Index (DAQI)

Band	Index	Ozone	Nitrogen Dioxide	Sulphur Dioxide	PM2.5 Particles	PM10 Particles
		Running 8 hourly mean	Hourly mean	15 minute mean	24 hour mean	24 hour mean
		µg m-3	µg m-3	µg m-3	µg m-3	µg m-3
Low						
	1	0-33	0-67	0-88	0-11	0-16
	2	34-66	68-134	89-177	12-23	17-33
	3	67-100	135-200	178-266	24-35	34-50
Moderate						
	4	101-120	201-267	267-354	36-41	51-58
	5	121-140	268-334	355-443	42-47	59-66
	6	141-160	335-400	444-532	48-53	67-75
High						
	7	161-187	401-467	533-710	54-58	76-83
	8	188-213	468-534	711-887	59-64	84-91
	9	214-240	535-600	888-1064	65-70	92-100
Very High						
	10	241 or more	601 or more	1065 or more	71 or more	101 or more

Appendix 4: Sussex Network Sites and Map

Table A4-1: Sussex Air Quality Network sites and Pollutant instrumentation list (2025).

Site ID	Site Name	Local Authority/ AURN	NOx	NO	NO_2	PM_{10}	$PM_{2.5}$	O_3	SO_2
AD1	Adur - Shoreham-by-sea	Adur and Worthing Councils	Y	Y	Y		Y		
BH10	Brighton - North Street	Brighton and Hove City Council	Y	Y	Y	Y	Y		
BH11	Brighton - Lewes Road, A270	Brighton and Hove City Council	Y	Y	Y	Y	Y		
BH12	Brighton - Hollingdean Road	Brighton and Hove City Council	Y	Y	Y				Y
BH14	Brighton - South Portslade	Brighton and Hove City Council	Y	Y	Y				Y
BH15	Brighton - London Road	Brighton and Hove City Council	Y	Y	Y	Y	Y		
BH16	B&H - North Street Upper	Brighton and Hove City Council	Y	Y	Y	Y	Y		
CI1	Chichester - A27 Chichester Bypass	Chichester District Council	Y	Y	Y	Y	Y		
CI5	Chichester - Westhampnett Road	Chichester District Council	Y	Y	Y				
EB1	Eastbourne - Devonshire Park	Lewes and Eastbourne Councils	Y	Y	Y	Y		Y	
HT1	Hastings - Bexhill Rd, Bulverhythe	Hastings Borough Council	Y	Y	Y	Y	Y		
HO5	Horsham - Cowfold	Horsham District Council					Y		
HO2	Horsham - Park Way, Horsham	Horsham District Council	Y	Y	Y	Y	Y		
LS8	Lewes – Little East Street, Lewes	Lewes and Eastbourne Councils	Y	Y	Y	Y	Y		
MS1	Mid Sussex - London Road, East Grinstead	Mid-Sussex District Council	Y	Y	Y	Y	Y		
RY2	Rother - De La Warr Road, Bexhill	Rother District Council	Y	Y	Y	Y	Y		
EB3	AURN – Eastbourne, Holly Place	AURN	Y	Y	Y	Y	Y	Y	
LL1	AURN - Lullington Heath	AURN	Y	Y	Y	Y	Y	Y	Y
BH0	AURN – Brighton, Preston Park	AURN	Y	Y	Y		Y	Y	
HO4	AURN - Storrington	AURN	Y	Y	Y	Y	Y		
WT2	AURN - Worthing A27 Grove Lodge	AURN	Y	Y	Y		Y		
WT3	AURN - Worthing East - Ten Acres	AURN				Y	Y		

Figure A4-1: Sussex Network Monitoring Locations.