



Station Pier Air Quality Monitoring Program

**Air Quality Monitoring Report – October
2024**

Ports Victoria

11 December 2024

→ **The Power of Commitment**



Project name		Station Pier Air Quality Monitoring Program					
Document title		Station Pier Air Quality Monitoring Program Air Quality Monitoring Report – October 2024					
Project number		12617587					
File name		12617587-REP_Oct24_StationPier_AQM_MonthlyReport.docx					
Status Code	Revision	Author	Reviewer		Approved for issue		
			Name	Signature	Name	Signature	Date
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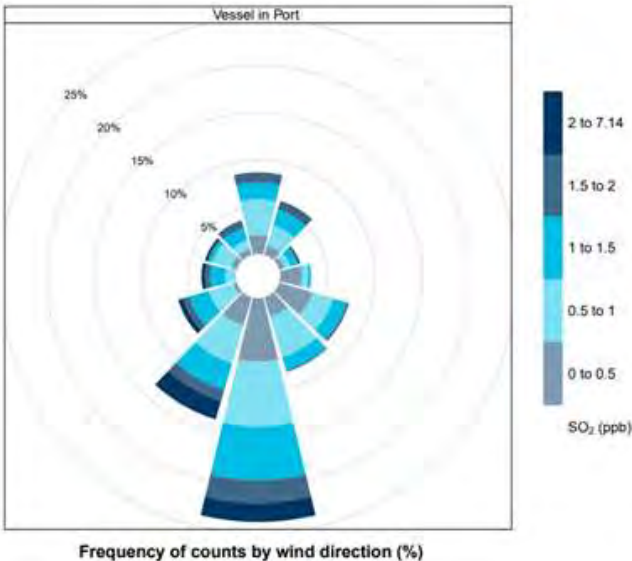
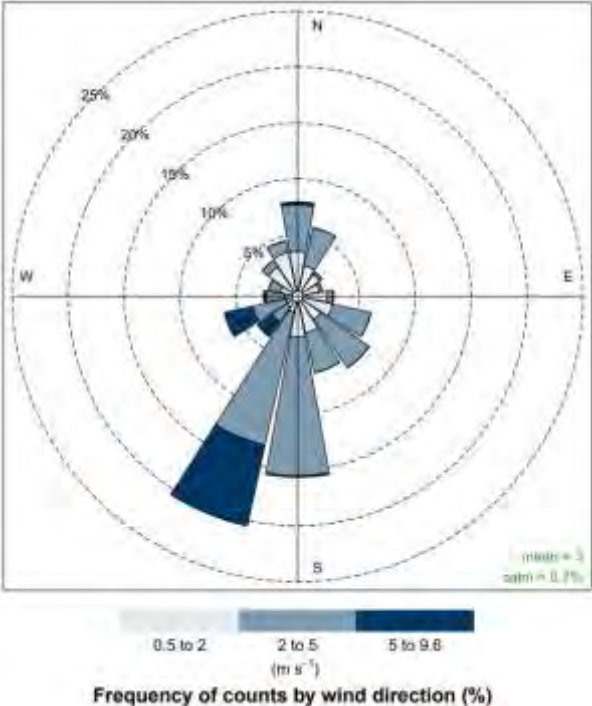
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Glossary of terms

Term	Description
ACOEM	Acoem Australasia (EcoTech) Pty Ltd
APACs	Air Pollution Assessment Criteria
API	Application Programming Interface
AQMP	Air Quality Monitoring Program
AQMS	Air Quality Monitoring Station
Australian Standard measuring methods	A set of Australian Standards which detail the type of equipment required to measure pollutants and meteorological parameters and the correct siting of the monitoring equipment.
AWS	Automatic Weather Station
BAM	Beta Attenuation Monitoring
BoM	Bureau of Meteorology
Calm	Wind speeds below 0.5 m/s.
Correlation	Correlation measures the linear relation between two variables. A strong positive correlation (close to 1) indicates that when one variable increases, the other also increases. A strong negative correlation (close to -1) indicates that when one variable increases, the other decreases.
EP Act	Environment Protection Amendment Act 2018
EPA Victoria	Environment Protection Authority Victoria
EPA Stations	EPA Victoria air quality monitoring stations. More information can be found on https://www.epa.vic.gov.au/for-community/airwatch .
ERS	Environment Reference Standard
GED	General Environmental Duty
GHD	GHD Pty Ltd
Kunak sensors	Kunak™ Air Pro, portable real-time air quality sensors
NATA	National Association of Testing Authorities
NEPM AAQ	National Environment Protection Measure (Ambient Air Quality)
NO ₂	Nitrogen dioxide
OHS	Occupational Health and Safety
PM ₁₀	Particulate matter with diameter less than 10 micrometres (10 µm).
PM _{2.5}	Particulate matter with diameter less than 2.5 micrometres (2.5 µm).
Ports Victoria	Ports Melbourne Victoria
Pollution rose	A pollution rose illustrates the frequency of occurrence of various pollutant concentrations in each wind direction for a given month. The length of 'petal' in a direction corresponds to the frequency of occurrence of a pollutant when wind is blowing from that direction. The colour within each 'petal' corresponds to the level of concentration of the measured pollutant. For example, in the pollution rose below, winds from the South occur for approximately 23% of the time. Of that 23%, 7% of the pollutant concentrations are between 0 to 0.5 ppb, 7% of the pollutant concentrations are between 0.5 to 1 ppb and so on. This is indicated by

Term	Description
	the length of the shading on the petals.  Frequency of counts by wind direction (%)
Sigma	Standard deviation of wind direction, can be used to calculate atmospheric stability
SEPP AQM	State Environment Protect Policy for Air Quality Management (replaced by ERS)
SO ₂	Sulphur dioxide
Vessel in port	Vessel berthed at Station Pier. Does not include vessels approaching or departing Station Pier.
Windrose	A wind rose illustrates the frequency of occurrence of winds of various speeds in each wind direction for a given month. The length of 'petal' in a direction corresponds to the frequency of wind blowing from that direction, while the colour within each 'petal' corresponds to the wind speeds. For example, in the wind rose below, winds from the South occur for approximately 16% of the time. Of that 16%, 3% of the wind speeds are between 0.5 to 2 m/s, 12% of the wind speeds are between 2 to 5 m/s and less than 1% of the wind speeds are between 5 to 9.6 m/s. This is indicated by the length of the shading on the petals.  Frequency of counts by wind direction (%)

1. Introduction

Ports Victoria are implementing an air quality monitoring program at Station Pier, Port Melbourne, Victoria for a period of 12 months. Station Pier is the premier cruise ship terminal in Melbourne, with around 100 cruise ship visits every cruise season. The primary objective of this air quality monitoring program is to provide Ports Victoria, Environment Protection Authority (EPA) Victoria and the local community with a greater understanding of local air quality from Station Pier operations by undertaken an air quality monitoring program for a period of twelve months to cover the cruise and non-cruise ship visit seasons, and seasonal weather variation. Development of the monitoring program took into account the results of a previous air quality monitoring program which was undertaken in the period 2016-17.

Ports Victoria has engaged GHD Pty Ltd (GHD) to undertake this air quality monitoring program, including monthly technical reporting and data analysis. Acoem Australasia (EcoTech Pty Ltd) (ACOEM) has been engaged as the monitoring equipment supplier. ACOEM is an Australia National Association of Testing Authorities (NATA) accredited company and conducts all required maintenance and calibration of the monitoring equipment as well as validation of the collected data.

This air quality monitoring monthly report presents the analysis of monthly data collected by the Air Quality Monitoring Station (AQMS) located at Station Pier, 6 Waterfront Place. The validated monitoring data (presented in Appendix D) was provided by ACOEM.

The location of the project is shown in Figure 1.



Figure 1 Air quality monitoring program location

1.1 Scope of work

The scope of this monthly report is summarised in Table 1.

Table 1 Scope of air quality monitoring program (AQMP)

Scope item no.	Scope of work	Description	Report section
1	Monitoring overview	An overview of the air quality monitoring monthly report.	Section 2
2	Legislative Context	Environmental values, air indicators and objectives that set the benchmark for the quality of the air environment needed to protect environmental values in Victoria.	Section 2.1 and Appendix A
3	Data analysis	Summary of monitoring findings for the month: - Direct comparison of measurement data to the assessment criteria summarised in Section 2.1.	Section 3
4	Data analysis – October 2024	Additional information: - Summary of monitoring equipment in the AQMS and the parameters and pollutants measured. - Review of data during the period. - Data availability and quality during the period. - Detailed analysis of data for the period between 1 October 2024 to 31 October 2024. - Other impacts to air quality in the region.	Appendix B
5	Data analysis – Long term	Detailed analysis of data for the entire monitoring period, between 4 December 2024 and 31 October 2024.	Appendix C
6	NATA accredited data	Validated AQMS monitoring data provided by ACOEM:	Appendix D

1.2 Limitations

This report: has been prepared by GHD for Ports Victoria and may only be used and relied on by Ports Victoria for the purpose agreed between GHD and Ports Victoria as set out in section 1.1 of this report.

GHD otherwise disclaims responsibility to any person other than Ports Victoria arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report (refer section(s) 1.3 of this report). GHD disclaims liability arising from any of the assumptions being incorrect.

1.3 Assumptions

The content of this report is subject to the following assumptions:

- Data provided by ACOEM has been validated and is NATA accredited.
- Data provided by the EPA is as uploaded via the EPA developer portal API.

2. Monitoring overview

What is presented in this report

This air quality monitoring monthly report presents the analysis of monthly data collected between 1 October 2024 to 31 October 2024. The monitoring data observed at Station Pier AQMS during this monitoring period have been presented and, where relevant, compared against observations from the local Environment Protection Authority (EPA) Victoria air quality monitoring stations (EPA Stations) and the adopted Air Pollution Assessment Criteria (APACs) from the EPA Publication 1961.

Two portable real-time Kunak sensors were installed in April 2024 with the aim to understand the air quality in the community north of Station Pier. Review and analysis of observations from these sensors is not presented in this report. Kunak observations and comparison against the AQMS observation will be presented in a separate report.

Monitoring equipment and locations

This air quality monitoring data is collected from the Air Quality Monitoring Station (AQMS) located at Station Pier, 6 Waterfront Place, Port Melbourne Victoria.

The validated monitoring data was provided by ACOEM, a NATA accredited company.

What is an AQMS

The AQMS measures pollutant concentrations and meteorological data using Australian Standard measuring methods, providing accurate measurements.

The parameters measured as part of the air quality monitoring program include wind speed, wind direction, temperature, relative humidity, sigma, PM₁₀, PM_{2.5}, NO₂, and SO₂ concentrations. Further details on the monitoring methodology for each parameter is provided in Appendix B-1-1.

What are EPA Stations and how is the data used

EPA Victoria operate air quality monitoring sites across Victoria to monitor air quality. The EPA Stations data is publicly available on the EPA website¹.

In this report, the Station Pier AQMS observations are compared against the regional air quality observed at selected EPA Stations – Altona North, Spotswood, Kingsville, Footscray, Brooklyn and Melbourne CBD stations. The selected EPA Stations also measure pollutants using Australian Standard measuring methods, providing accurate measurements. Detailed data analysis is provided in Appendix B-3.

¹ <https://www.epa.vic.gov.au/for-community/airwatch>

2.1 Air pollution assessment criteria

The Air Pollution Assessment Criteria (APACs) are introduced in EPA Publication 1961 - *Guideline for assessing and minimising air pollution in Victoria* as concentrations of pollutants in air that provide a benchmark to understand potential risks to human health or the environment. They are risk-based concentrations that can help identify when or if an activity is likely to pose an unacceptable risk to the receiving environment. They are not concentrations which one can 'pollute up to' and also not concentrations below which no action is required. The APACs for PM₁₀, PM_{2.5}, NO₂ and SO₂ are based on the Environment Reference Standard (ERS).

The APACs relevant to the Station Pier air quality monitoring program are outlined in Table 2. Concentrations of each pollutant recorded by the Station Pier AQMS have been compared against these criteria to identify risk to the receiving environment.

Further detail on the legislative context is provided in Appendix A.

Table 2 APACs relevant to the monitoring plan

Substance	Assessment criteria	Averaging time	Classification ²	Basis
PM ₁₀	50 µg/m ³	24 hours	Class 1	ERS Objective
	20 µg/m ³	1 year		
PM _{2.5}	25 µg/m ³	24 hours	Class 2	ERS Objective
	8 µg/m ³	1 year		
NO ₂ (maximum concentration)	80 ppb	1 hour	Class 1	ERS Objective
	15 ppb	1 year		
SO ₂ (maximum concentration)	75 ppb	1 hour	Class 1	ERS Objective
	20 ppb	24 hours		

² Substances are classified as per Schedule 4 of the Environmental Protection Regulations 2021

3. Data analysis

This section presents a summary of the air quality monitoring data collected at Station Pier AQMS, and analysis against the nearby EPA Stations and the adopted criteria. Detailed data review and analysis is provided in Appendix B. Review of meteorological data collected at Station Pier is also provided in Appendix B-2.

3.1 PM₁₀

The 24-hour average PM₁₀ concentrations observed in October 2024 are presented in Figure 2 which presents the 24-hour average PM₁₀ concentrations observed at Station Pier AQMS and local EPA Stations, compared against the adopted criterion. Hours during which a vessel was present in the port are highlighted.

Station Pier AQMS observations

All PM₁₀ concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 32.9 µg/m³, which is 34% below the criterion.

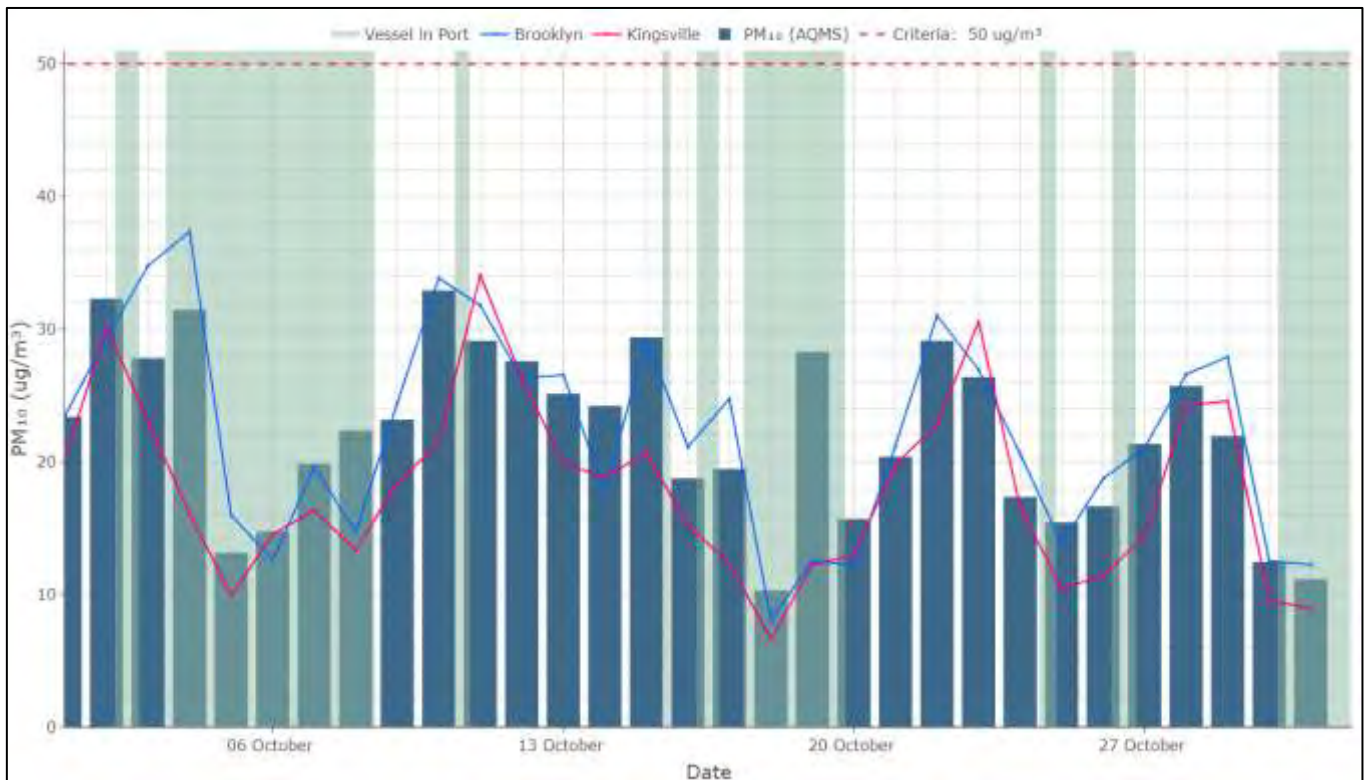


Figure 2 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (October 2024) (criteria: 50 µg/m³)

3.2 PM_{2.5}

The 24-hour average PM_{2.5} concentrations observed in October 2024 are presented in Figure 3 which presents the 24-hour average PM_{2.5} concentrations observed at Station Pier AQMS and local EPA Stations, compared against the adopted criterion. Hours during which a vessel was present in the port is highlighted.

Station Pier AQMS observations

All PM_{2.5} concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 9.8 µg/m³, which was 61% below the criterion.

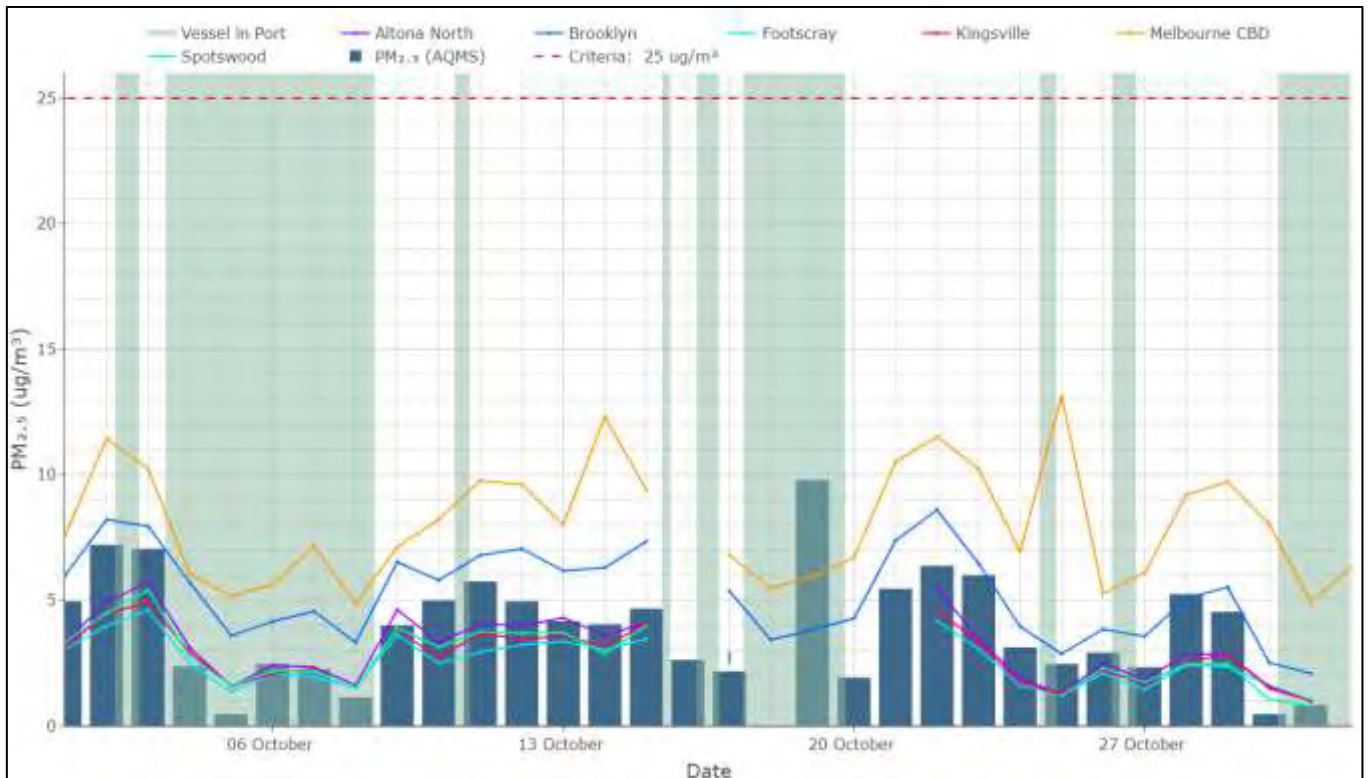


Figure 3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (October 2024) (criteria: 25 µg/m³)

3.3 NO₂

The hourly average NO₂ concentrations observed in October 2024 are presented in Figure 4 which presents the hourly average NO₂ concentrations observed at Station Pier AQMS and local EPA Station, compared against the adopted criterion. Hours during which a vessel was present in the port is highlighted.

Station Pier AQMS observations

All concentrations were below the adopted NO₂ criterion. The maximum hourly average concentration recorded was 52.6 ppb, which is 34% below the criterion.

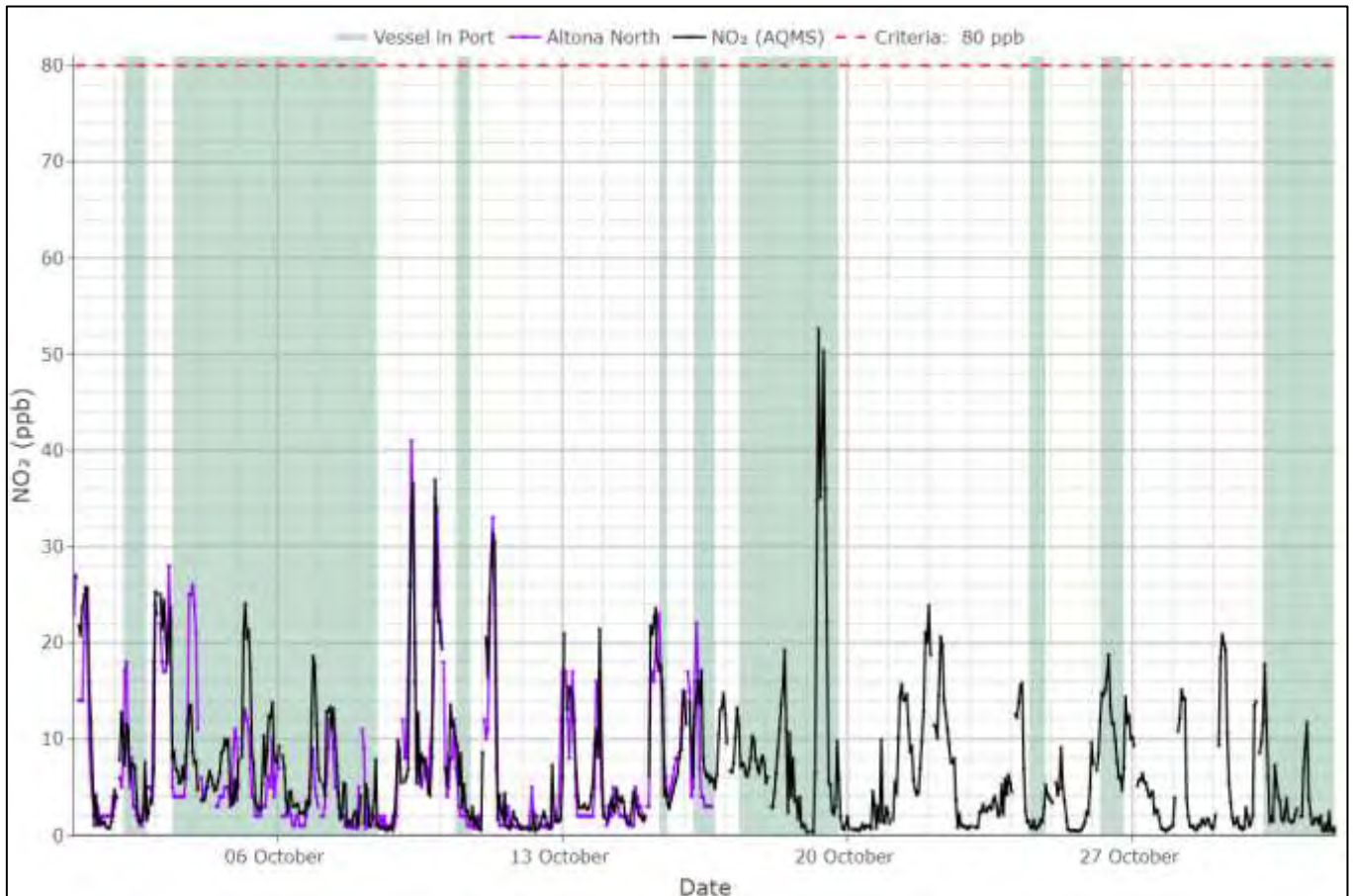


Figure 4 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (October 2024) (criteria: 80 ppb)

3.4 SO₂

The hourly and 24-hour average SO₂ concentrations observed in October 2024 are presented in Figure 5 and Figure 6, in which:

- Figure 5:** Presents the hourly average SO₂ concentrations observed at the Station Pier AQMS and local EPA Station, compared against the adopted criterion. Hours during which a vessel was present in the port is highlighted.
- Figure 6:** Presents the 24-hour average SO₂ concentrations observed at the Station Pier AQMS and local EPA Stations, compared against the adopted criterion. Hours during which a vessel was present in the port is highlighted.

Station Pier AQMS observations

- All hourly average SO₂ concentrations were below the adopted criterion. The maximum hourly average concentration recorded was 22.7 ppb, which is 70% below the criterion.
- All 24-hour average SO₂ concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 4.3 ppb, which is 78% below the criterion.

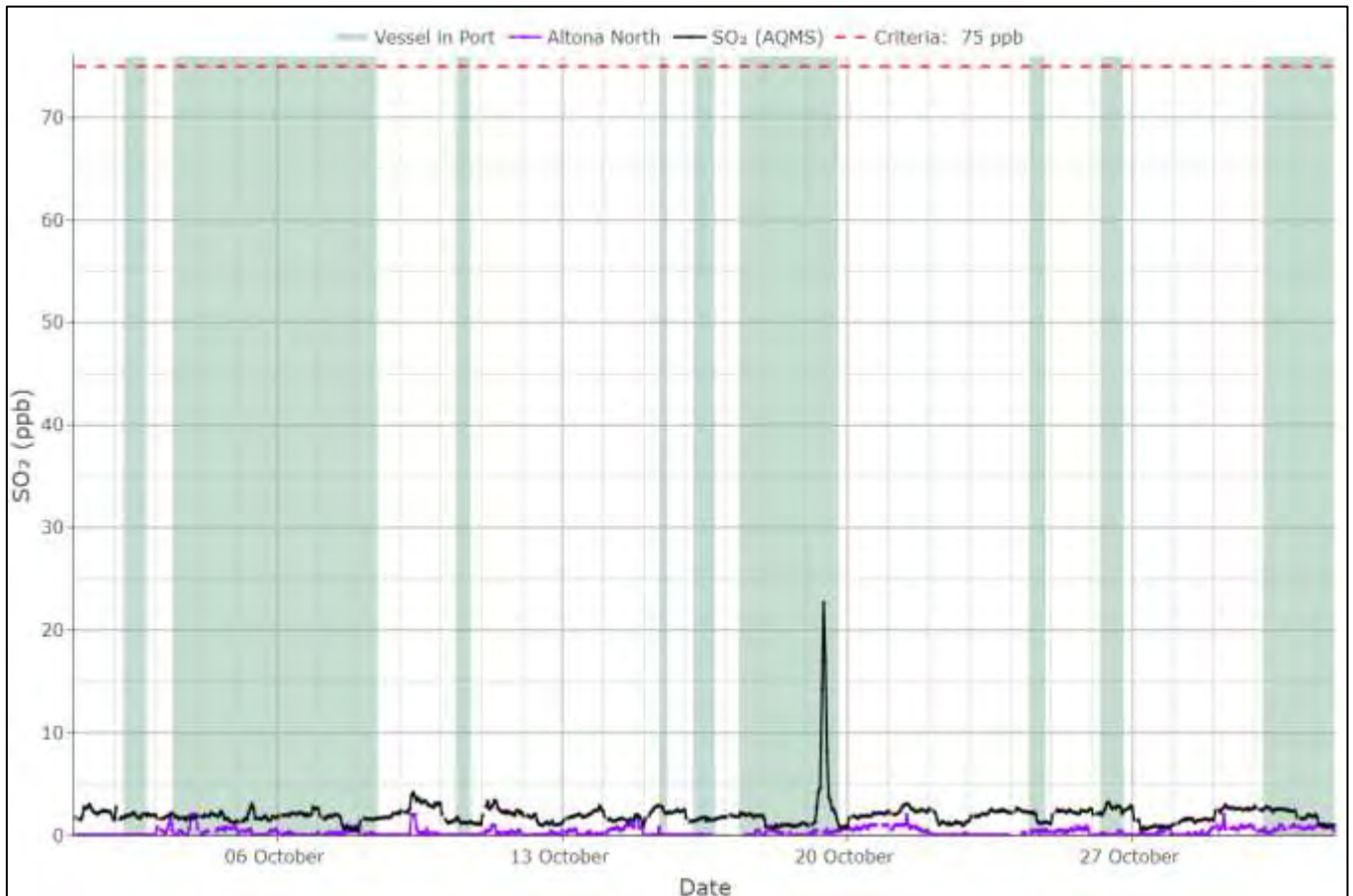


Figure 5 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA Station (October 2024) (criteria: 75 ppb)



Figure 6 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA Station (October 2024) (criteria: 20 ppb)

3.5 Summary

All observations of PM₁₀, PM_{2.5} and NO₂ and SO₂ during the month of October 2024 were lower than the adopted short term criteria (1-hour and 24-hour).

Appendix A

Legislative context

This appendix summarises the environmental values, air indicators and objectives that set the benchmark for the quality of the air environment needed to protect environmental values in Victoria, Australia.

A-1 Environment Protection Act 2018 (amendment to Environment Protection Act 2017)

Environment Protection Authority (EPA) Victoria implemented a new legal framework which came into force on 1 July 2021, with the intention for this framework to drive environmental improvements in industrial operations. The cornerstone of the Environment Protection Amendment Act 2018 (the EP Act) is the general environmental duty (GED), which requires all Victorians to understand and minimise their risks of harm to human health and the environment, from pollution and waste. This means the approach to the protection of human health and the environment has changed from 'compliance-based' regulation to 'outcomes-based' regulation. The expectation is that individuals will manage their activities to avoid the risk of environmental damage. There is also a requirement to quickly and appropriately respond if pollution does occur.

For businesses already managing their environmental risks, the GED generally means little to no change in how they operate. Most businesses already follow good management practices. This will make complying with the GED easier. EPA Victoria have committed to working with industry to help them understand how to fulfil their obligations, by providing guidance, advice and other support. Complying with the GED is about taking reasonable proactive steps and employing good environmental work practices. Compliance with the GED can be through following responsibilities under occupational health and safety (OHS) laws, meeting industry standards, adopting industry better management practices, and following other relevant legislation related to the environment. In effect, the GED makes it clear that it is the individual businesses' responsibility to reduce risk to the environment and to protect it.

A-2 Environment Reference Standard

The EP Act's environment protection framework includes the Environment Reference Standard (ERS). This identifies environmental values, air indicators and objectives that set the benchmark for the quality of the air environment needed to protect environmental values. The environmental values identified include:

- Life, health and wellbeing of humans
- Life, health and well-being of other forms of life, including the protection of ecosystems and biodiversity
- Local amenity and aesthetic enjoyment
- Visibility
- The useful life and aesthetic appearance of buildings, structures, property and materials
- Climate systems that are consistent with human development, the life, health and well-being of humans, and the protection of ecosystems and biodiversity

The ERS is a reference standard, not a 'compliance standard' for businesses i.e. it relates to ambient air and not any individual facility. The ERS replaces State Environment Protection Policy for Air Quality Management (SEPP AQM) and generally adopts the objectives in the National Environment Protection Measure (Ambient Air Quality) (NEPM AAQ) with some modifications.

The following air quality indicators, and respective objectives, relevant to this assessment are outlined below in Figure A.1.

Column 1 Indicators	Column 2 Objectives	Column 3 Averaging period
Carbon monoxide (maximum concentration)	9.0 ppm	8 hours
Nitrogen dioxide (maximum concentration)	0.08 ppm	1 hour
	0.015 ppm	1 year
Photochemical oxidants (as ozone) (maximum concentration)		
	0.06 ppm	8 hours
Sulfur dioxide (maximum concentration)	0.075 ppm	1 hour
	0.02 ppm	1 day
Lead (maximum concentration)	0.50 µg/m ³	1 year
Particles as PM ₁₀ (maximum concentration)	50 µg/m ³	1 day
	20 µg/m ³	1 year
Particles as PM _{2.5} (maximum concentration)	25 µg/m ³	1 day
	8 µg/m ³	1 year
Visibility reducing particles (minimum visual distance)	20 km	1 hour
Odour	An air environment that is free from offensive odours from commercial, industrial, trade and domestic activities	N/A

Figure A.1 Table 2.2 from the ERS No. S245 Gazette 26 May 2021, as amended by ERS No S158 Gazette 29 March 2022

A-3 EPA Publication 1961 Guideline for assessing and minimising air pollution in Victoria

As part of the Victorian Environment Protection Act 2017 (EP Act), EPA Victoria has produced an air quality guideline namely; Guideline for assessing and minimising air pollution in Victoria (EPA Publication 1961). This guideline forms part of Victoria's environmental protection framework that establishes the state of knowledge to protect the environmental values of the ambient air environment. The guideline describes the General Environmental Duty (GED) which requires anyone engaging in any activity that may give rise to risks of harm to human health or the environment from pollution or waste to minimise those risks, so far as reasonably practicable.

As such, emitters of pollution to air have a responsibility to put in proportionate controls to eliminate or minimise risks to human health or the environment. Being proportionate and preventative requires duty holders to:

- Understand their risks
- Actively seek out ways to eliminate or minimise these risks, so far as reasonably practicable
- Ensure any risks remaining after the implementation of all controls are within acceptable limits.

The purpose of the guideline is to provide a framework to assess and control risks associated with air pollution.

A-3-1 Air Pollution Assessment Criteria

The Air Pollution Assessment Criteria (APACs) are introduced in the EPA Publication 1961 as concentrations of pollutants in air that provide a benchmark to understand potential risks to human health or the environment. They

are risk-based concentrations that can help identify when or if an activity is likely to pose an unacceptable risk to the receiving environment. They are not concentrations which one can 'pollute up to' and also not concentrations below which no action is required. The APACs for PM₁₀, PM_{2.5}, NO₂ and SO₂ are based on the ERS.

The APACs relevant to the Station Pier air quality monitoring program are outlined in Table A.1. Concentrations of each pollutant recorded by the Station Pier AQMS have been compared against these criteria to identify risk to the receiving environment.

Table A.1 APACs relevant to the monitoring plan

Substance	Assessment criteria	Averaging time	Classification ³	Basis
PM ₁₀	50 µg/m ³	24 hours	Class 1	ERS Objective
	20 µg/m ³	1 year		
PM _{2.5}	25 µg/m ³	24 hours	Class 2	ERS Objective
	8 µg/m ³	1 year		
NO ₂ (maximum concentration)	80 ppb	1 hour	Class 1	ERS Objective
	15 ppb	1 year		
SO ₂ (maximum concentration)	75 ppb	1 hour	Class 1	ERS Objective
	20 ppb	24 hours		

³ Substances are classified as per Schedule 4 of the Environmental Protection Regulations 2021

Appendix B

Data analysis – October 2024

B-1 AQMS methodology summary

B-1-1 Parameters measured

The AQMS was installed at Station Pier on 4 December 2023. Table B.1 summarises the equipment included in the AQMS and the pollutants measured. A photograph of the AQMS is provided in Figure B.1.

Table B.1 Summary of monitoring equipment and pollutants measured

Equipment and hardware supplied	Pollutant/parameter measured	Measurement method	Australian Standard	Location
Air Quality Monitoring System (AQMS)				
MetOne Spirant Beta Attenuation Monitoring	Particles as PM ₁₀	Beta Attenuation Monitoring (BAM) technology	AS 3580.9.12.2022	Station Pier. Refer to Figure B.1 for location of AQMS.
MetOne Spirant BAM	Particles as PM _{2.5}	BAM technology	AS 3580.9.11.2022	
Ecotech Model Serinus® 40	Nitrogen dioxide (NO ₂)	Chemiluminescence technology	AS 3580.5.1.2011	
Ecotech Model Serinus® 50	Sulphur dioxide (SO ₂)	Pulse UV Fluorescent Radiation technology	AS 3580.4.1.2008	
Ultrasonic anemometer at 10 m	Wind speed, wind direction Sigma (Standard deviation of wind direction. Can be used to calculate atmospheric stability)	Ultrasonic sensor	AS 3580.14:2014	
Vaisala HMP155 at 2 m	Temperature, relative humidity	Warmed probe technology	AS 3580.14:2014	



Figure B.1 Photograph of AQMS

B-1-2 Monitoring period

The monitoring period for this report is 1 October 2024 to 31 October 2024.

B-1-3 Data analysis

Data collected by the AQMS undergoes a NATA accreditation procedure undertaken by ACOEM to ensure all analysed data is valid. AQMS observations of each parameter were processed and analysed and are presented into the following sections:

- Section B-2:** AQMS observations were processed into averaging periods defined by the relevant APACs. The processed data is also overlayed with vessel presence at the port.
Where it is indicated that a vessel is in port, a vessel is berthed at Station Pier. Vessels near the port (during approach and departure) are not included as vessels in port.
- Section B-3:** AQMS observations of each parameter are then presented in Section B-3 overlayed with vessel presence and the local EPA Stations, along with the relevant APACs.
This analysis allows for comparison against ambient air quality across the local region, and identification of potential risk to the receiving environment.

B-1-4 Data information

Table B.2 summarises the availability and quality of the data measured by the AQMS between 1 October 2024 to 31 October 2024.

ACOEM has conducted all required servicing and calibration for production of NATA accredited air quality data, and monthly data has been reviewed. Data presented in this report from the Station Pier AQMS is NATA accredited.

Table B.2 AQMS data availability and quality

Parameters	Units	Data availability (%) between 1 and 31 October 2024	Reason for missing data
PM ₁₀	µg/m ³	99%	– Scheduled monthly maintenance (3 October 08:00 to 11:00)
PM _{2.5}	µg/m ³	99%	– Scheduled monthly maintenance (3 October 08:00 to 11:00)
NO ₂	ppb	96%	– Scheduled monthly maintenance (3 October 08:00 to 11:00) – Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation (1 October 01:00 to 31 October 01:55) – Intermittent unrealistic negative reading (8 October 03:35 to 19 October 10:45)
SO ₂	ppb	96%	– Scheduled monthly maintenance (3 October 08:00 to 11:00) – Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation (1 October 01:00 to 31 October 01:55) – Automatic background checks every night between 23:45 and 23:50 (1 October 23:45 to 30 October 23:50). – Static offset of +1.6 ppb applied to correct SO₂ baseline (1 October 00:00 to 1 November 00:00) – Linear offsets of A=0ppb; B=+1.5ppb applied to correct baseline drift (1 October 02:00 to 2 October 00:55)
Wind speed	m/s	62%	– Instrument fault – Wind data flatlined (18 October 15:20 to 30 October 09:20) – Non-scheduled maintenance – swapped out the wind sensor (30 October 09:25 to 12:00)
Wind direction	°	62%	– Instrument fault – Wind data flatlined (18 October 15:20 to 30 October 09:20) – Non-scheduled maintenance – swapped out the wind sensor (30 October 09:25 to 12:00)
Ambient temperature	°C	100%	– No missing data
Relative humidity	%	100%	– No missing data
Sigma	°	62%	– Instrument fault – Wind data flatlined (18 October 15:20 to 30 October 09:20) – Non-scheduled maintenance – swapped out the wind sensor (30 October 09:25 to 12:00)

B-2 AQMS data review

B-2-1 Wind pattern

The effects of wind on dispersion patterns can be examined using the general wind climate and atmospheric stability class distributions. The general wind climate at a site is displayed by means of wind rose plots, giving the incidence of winds from different directions for various wind speed ranges. Figure B.2 shows the average wind rose for October 2024.

The average wind rose for the data period is shown in Figure B.2 and it shows the following features:

- The predominant monthly average wind direction was from the south comprising 16% of all incident winds, followed by winds from the north (13%) and the south-southwest (11%).
- The average wind speed was at 3.3 m/s.
- Calms (wind speeds less than 0.5 m/s) occurred 0.9% of the time.
- Winds from the north-northwest, north-northeast, south-southeast, east-southeast, and west each occurred between 5 and 10% of the time.
- Winds from the northeast to east, southeast, southwest, west-southwest, west-northwest and northwest each occurred for less than 5% of the time.

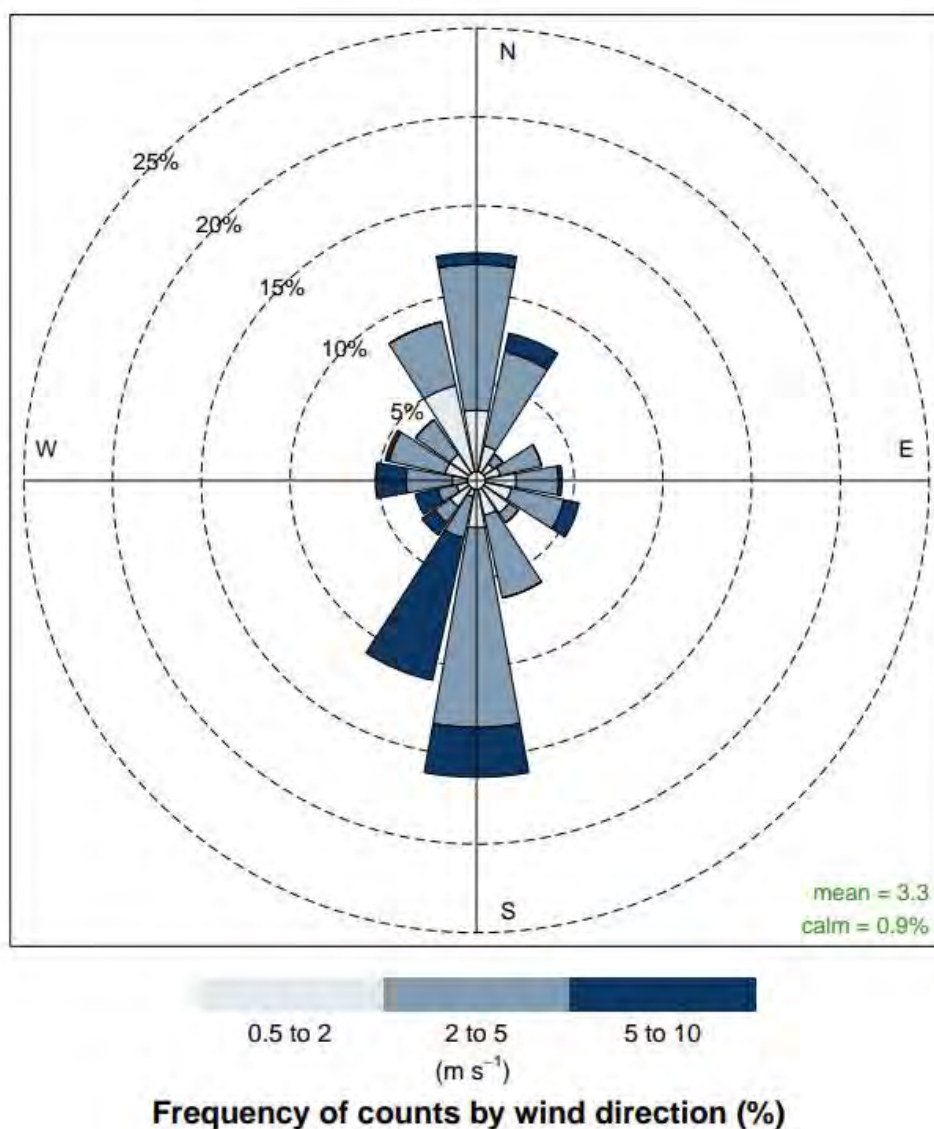


Figure B.2 October 2024 windrose at Station Pier

B-2-2 Other meteorological parameters

Temperature, relative humidity and sigma observations are shown in Figures B.3 to B.5, respectively.

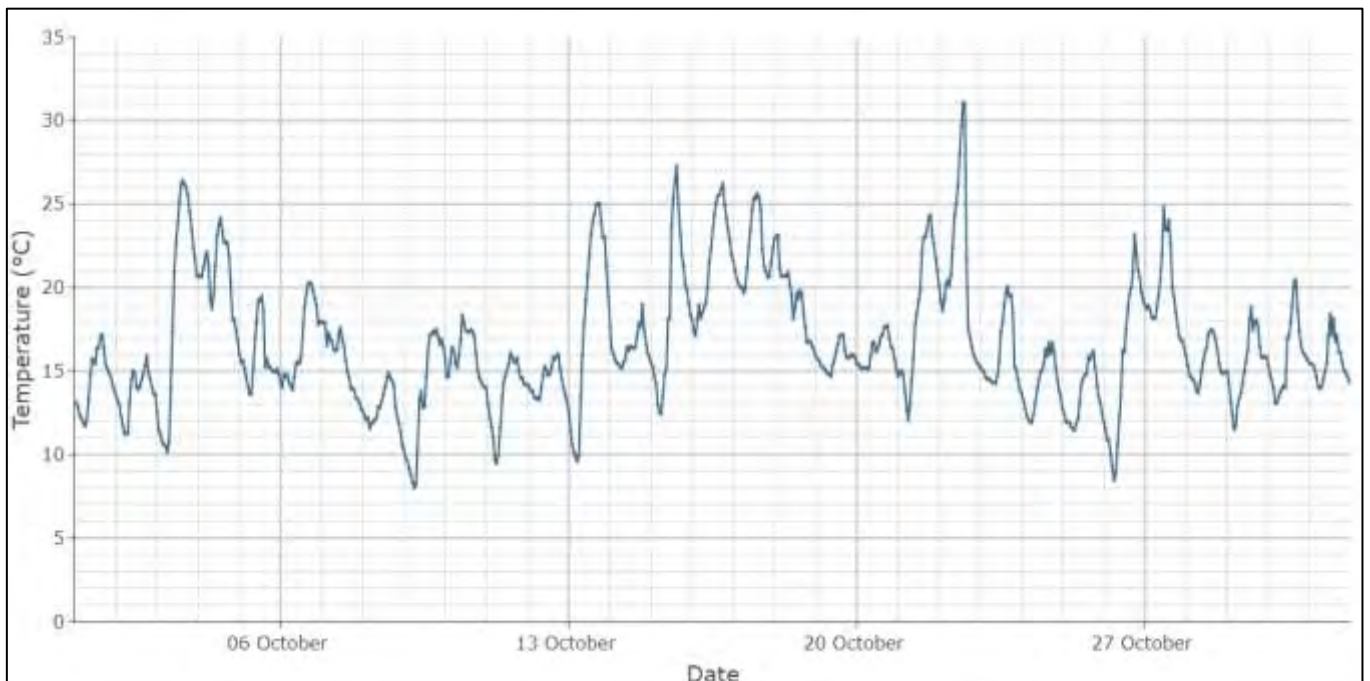


Figure B.3 *October 2024 temperature observations at Station Pier*

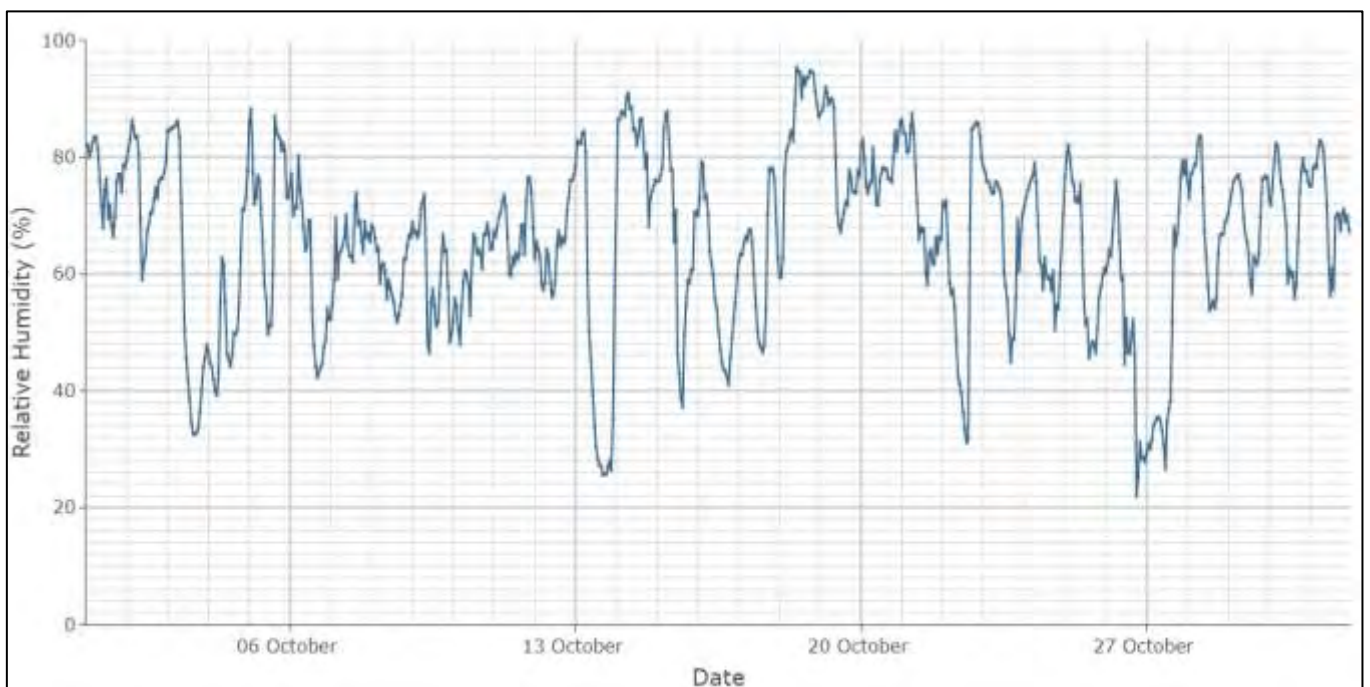


Figure B.4 *October 2024 relative humidity observations at Station Pier*

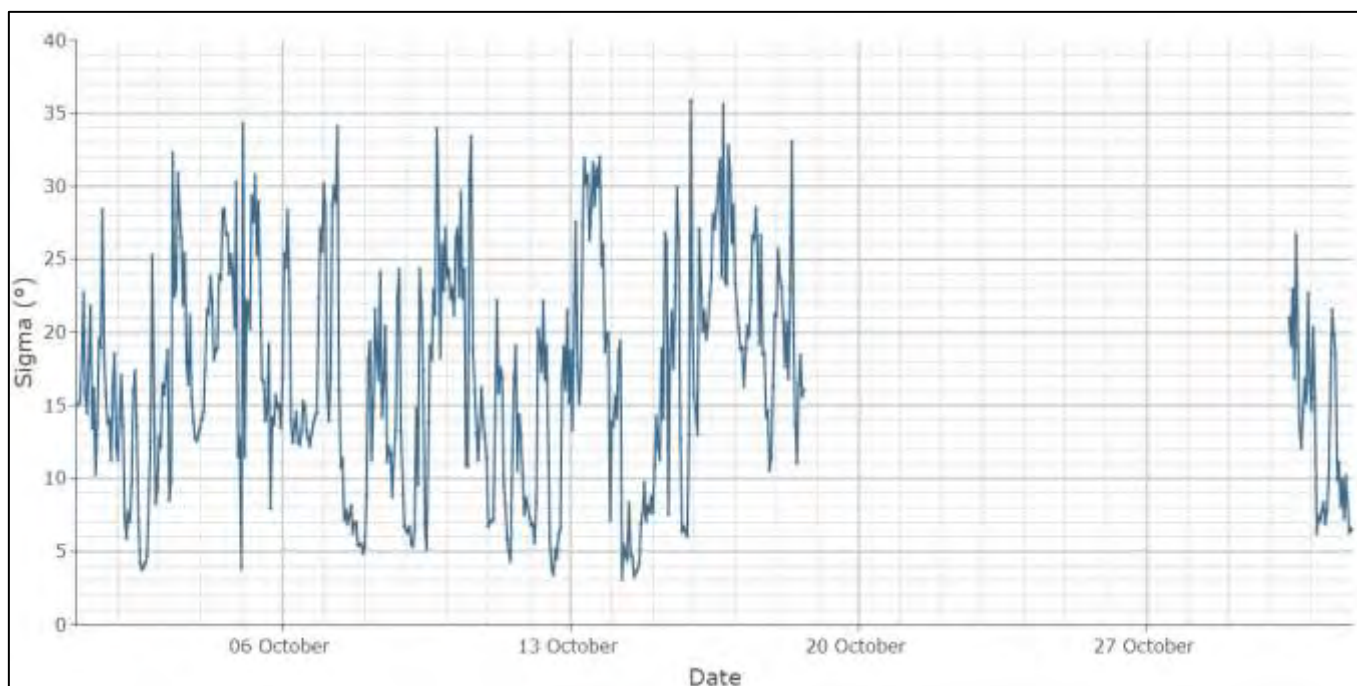


Figure B.5 *October 2024 sigma observations at Station Pier*

B-2-3 PM₁₀

The PM₁₀ data observed at the Station Pier AQMS is presented in Figure B.6, Figure B.7 and Figure B.8, in which:

Figure B.6: Presents the 24-hour average PM₁₀ concentrations observed at the Station Pier AQMS, with hours during which a vessel was present in the port highlighted.

Figure B.7: Presents the hourly average PM₁₀ concentrations observed at the average wind direction for that hour. Colouring indicating the presence of a vessel in the port.

Figure B.8: Two pollution roses presenting data observed when there were no vessels in port, and when there were vessels in port. The pollution rose presents the frequency of occurrence of hourly average PM₁₀ concentrations in each wind direction for the month.

Note that the data presented in the polar plots is limited by the availability of wind data. Wind data was available for only 62% of the monitoring period.

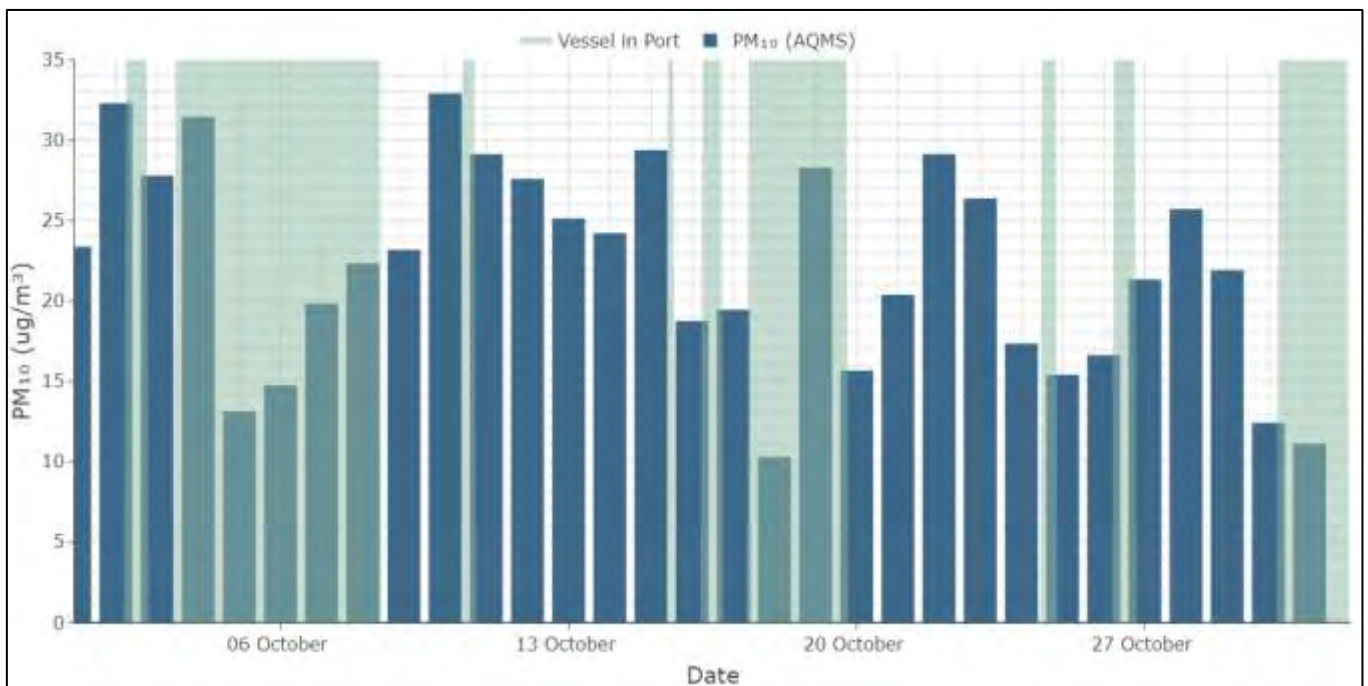


Figure B.6 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier (October 2024) (criteria: 50 µg/m³)

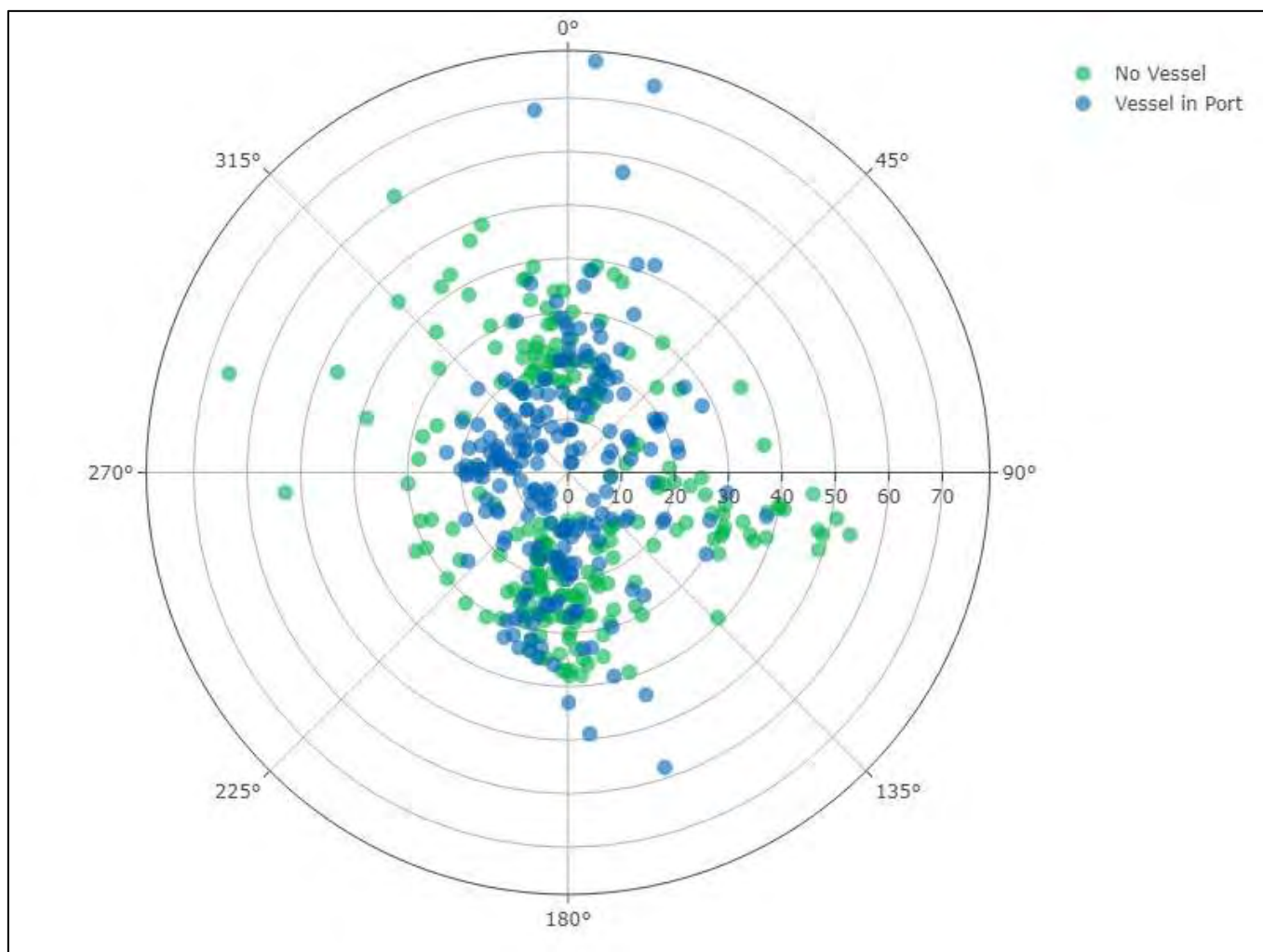


Figure B.7 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) by wind direction (October 2024)

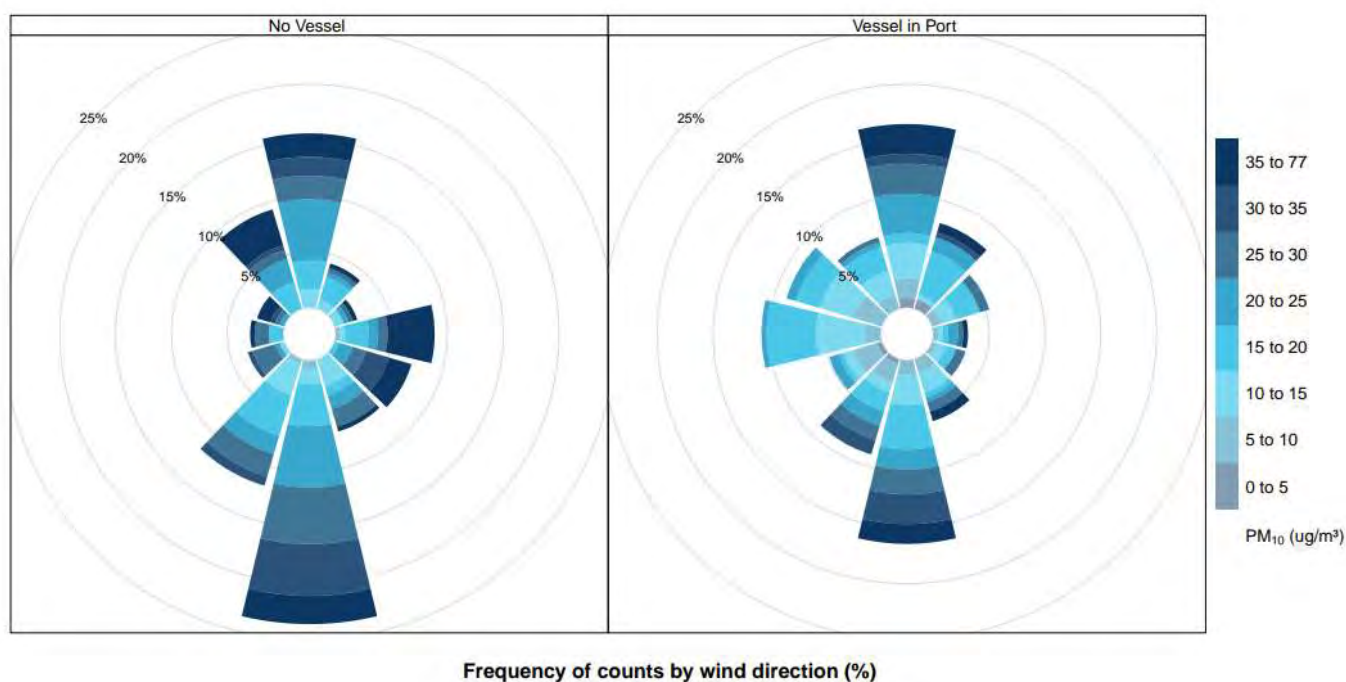


Figure B.8 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) pollution roses (October 2024)

B-2-4 PM_{2.5}

The PM_{2.5} data observed at the Station Pier AQMS is presented in Figure B.9, Figure B.10 and Figure B.11, in which:

- Figure B.9:** Presents the 24-hour average PM_{2.5} concentrations observed at the Station Pier AQMS, with hours during which a vessel was present in the port highlighted.
- Figure B.10:** Presents the hourly average PM_{2.5} concentrations observed at the average wind direction for that hour. Colouring indicating the presence of a vessel in the port.
- Figure B.11:** Two pollution roses presenting data observed when there were no vessels in port, and when there were vessels in port. The pollution rose presents the frequency of occurrence of hourly average PM_{2.5} concentrations in each wind direction for the month.
- Note that the data presented in the polar plots is limited by the availability of wind data. Wind data was available for only 62% of the monitoring period.

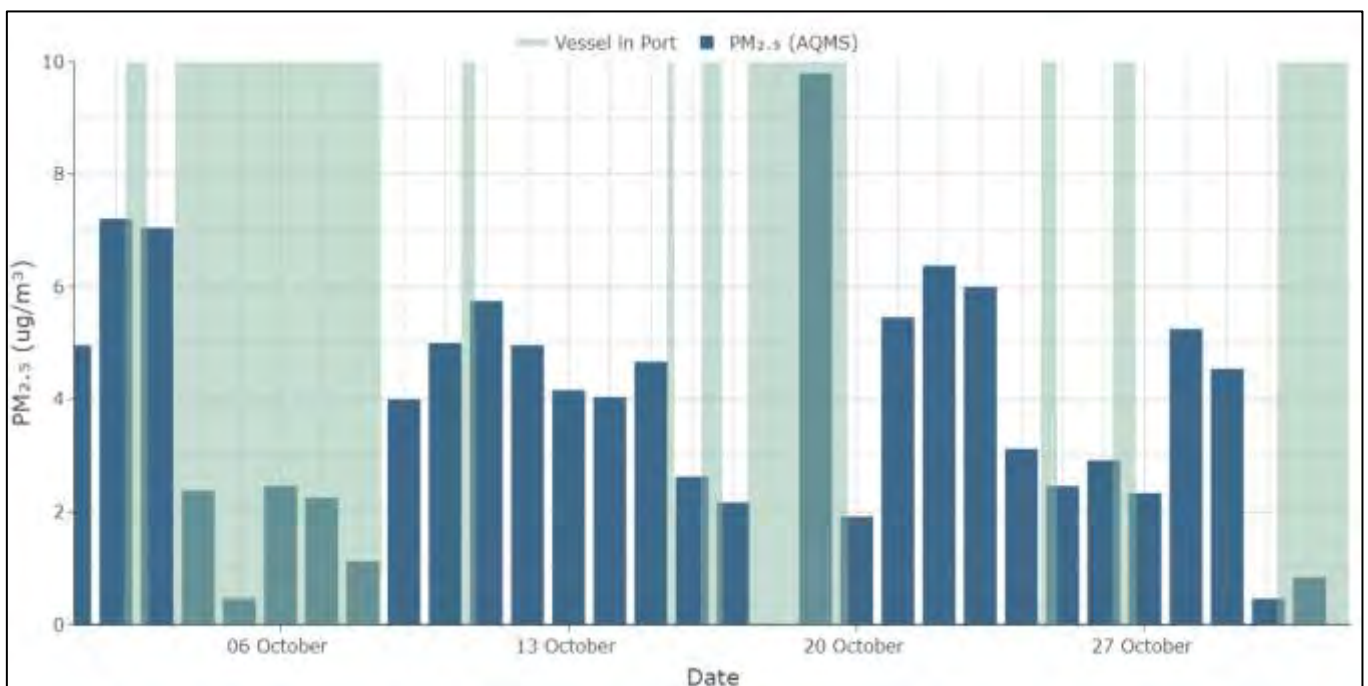


Figure B.9 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier (October 2024) (criteria: 25 µg/m³)

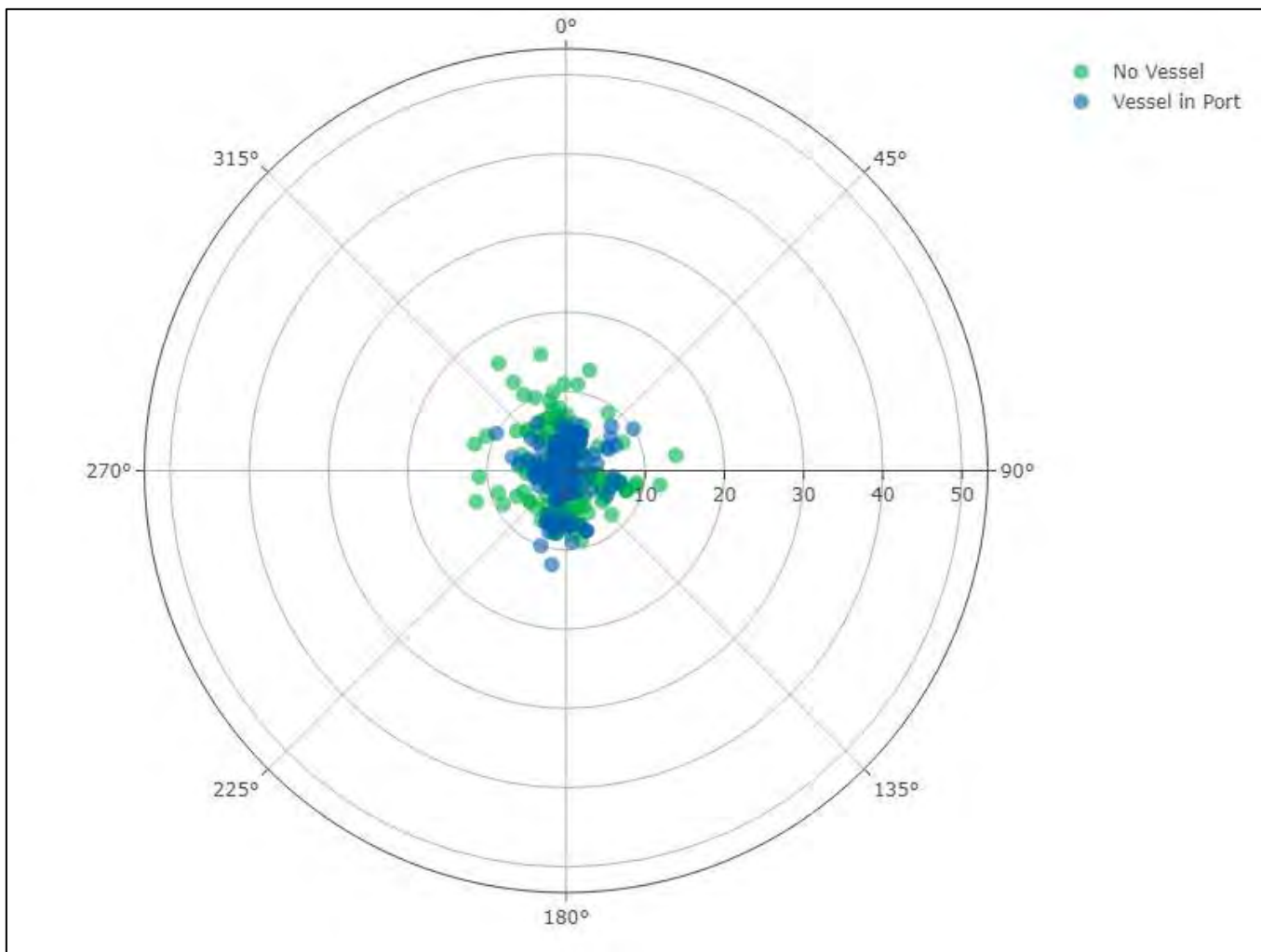


Figure B.10 Hourly average $PM_{2.5}$ concentration ($\mu g/m^3$) by wind direction (October 2024)

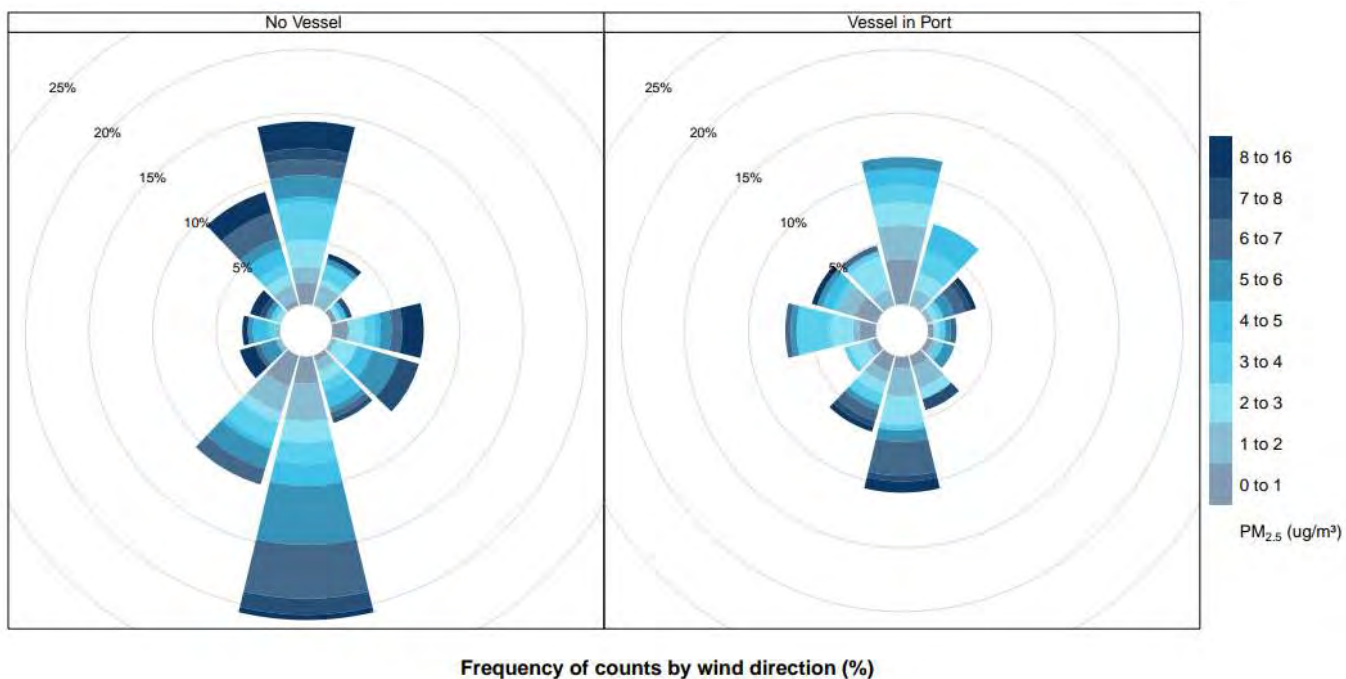


Figure B.11 Hourly average $PM_{2.5}$ concentration ($\mu g/m^3$) pollution roses (October 2024)

B-2-5 NO₂

The NO₂ data observed at the Station Pier AQMS is presented in Figure B.12, Figure B.13 and Figure B.14, in which:

- Figure B.12:** Presents the hourly average NO₂ concentrations observed at the Station Pier AQMS, with hours during which a vessel was present in the port highlighted.
- Figure B.13:** Presents the hourly average NO₂ concentrations observed at the average wind direction for that hour. Colouring indicating the presence of a vessel in the port.
- Figure B.14:** Two pollution roses presenting data observed when there were no vessels in port, and when there were vessels in port. The pollution rose presents the frequency of occurrence of hourly average NO₂ concentrations in each wind direction for the month.
- Note that the data presented in the polar plots is limited by the availability of wind data. Wind data was available for only 62% of the monitoring period.

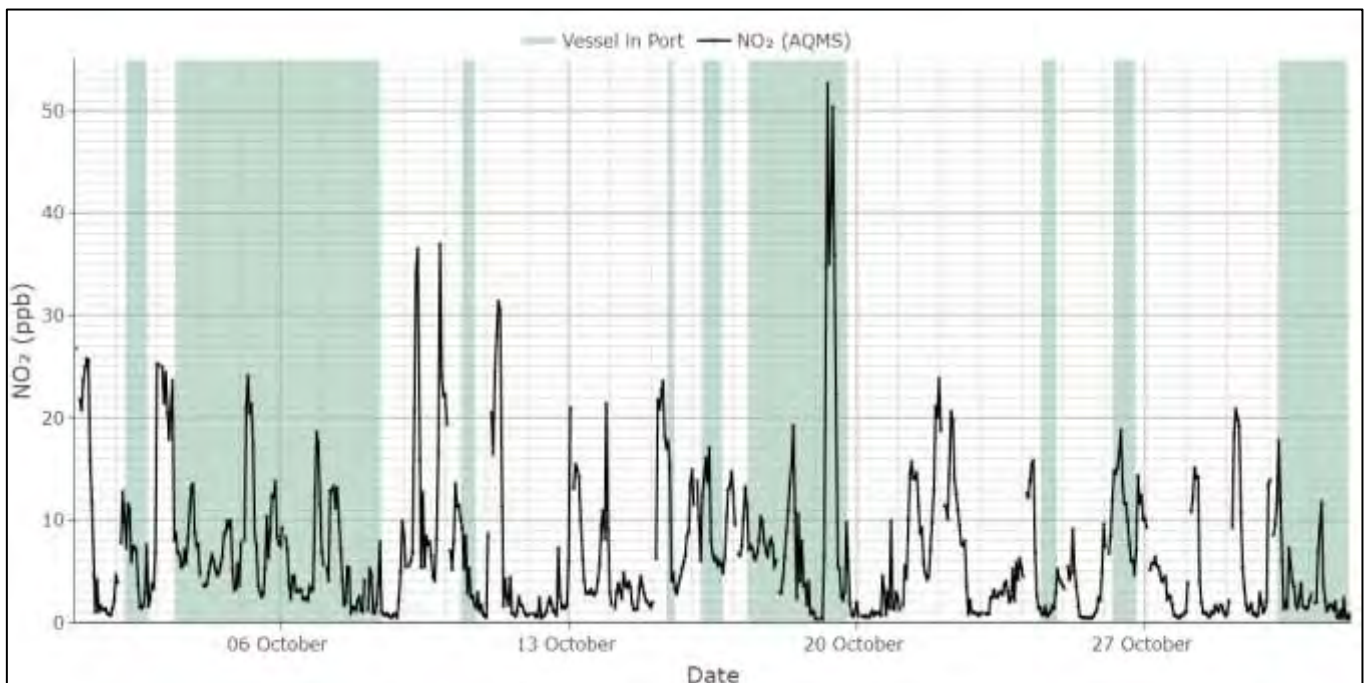


Figure B.12 Hourly average NO₂ concentrations (ppb) at Station Pier (October 2024) (criteria: 80 ppb)

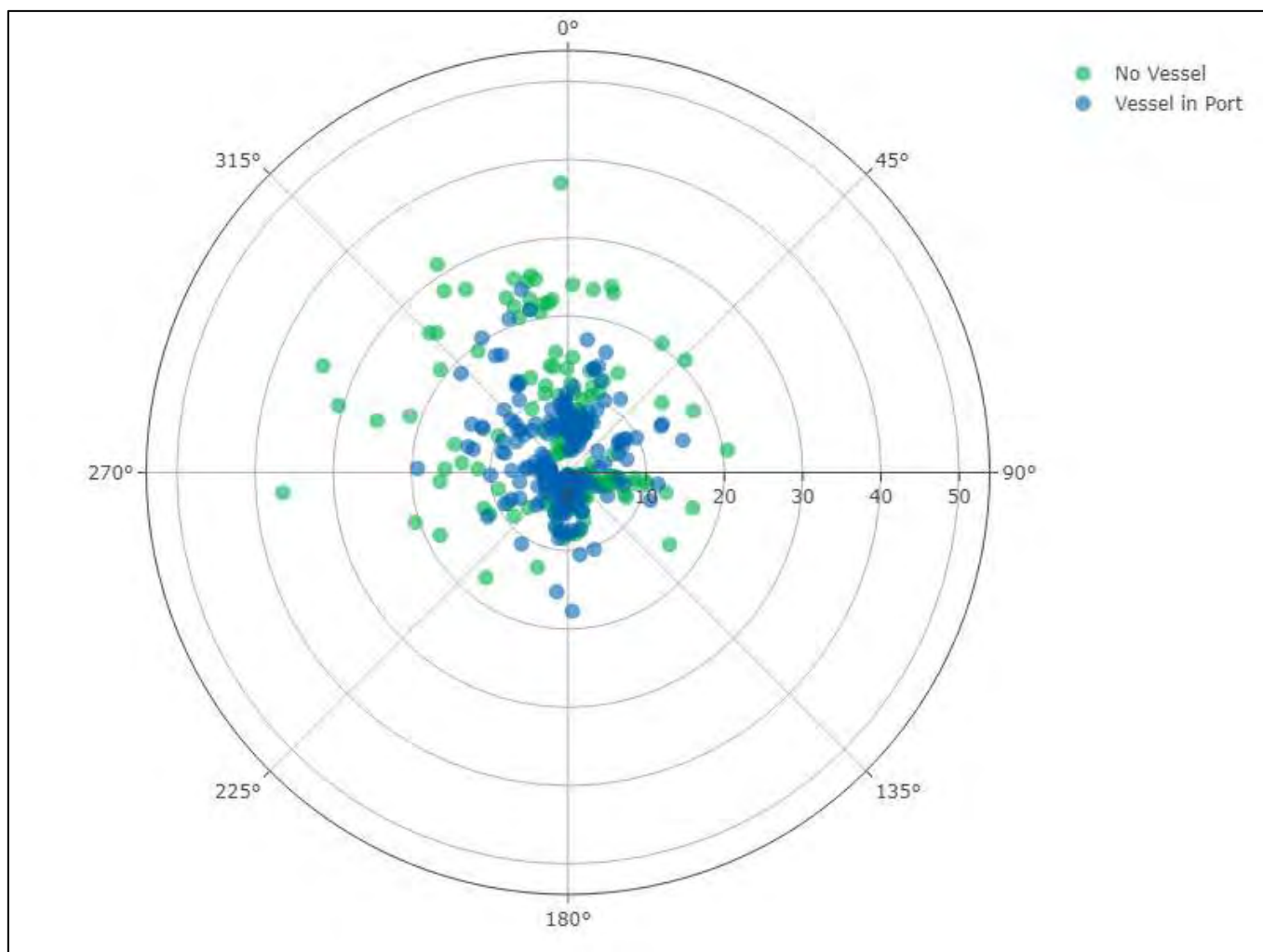


Figure B.13 Hourly average NO_2 concentration (ppb) by wind direction (October 2024)

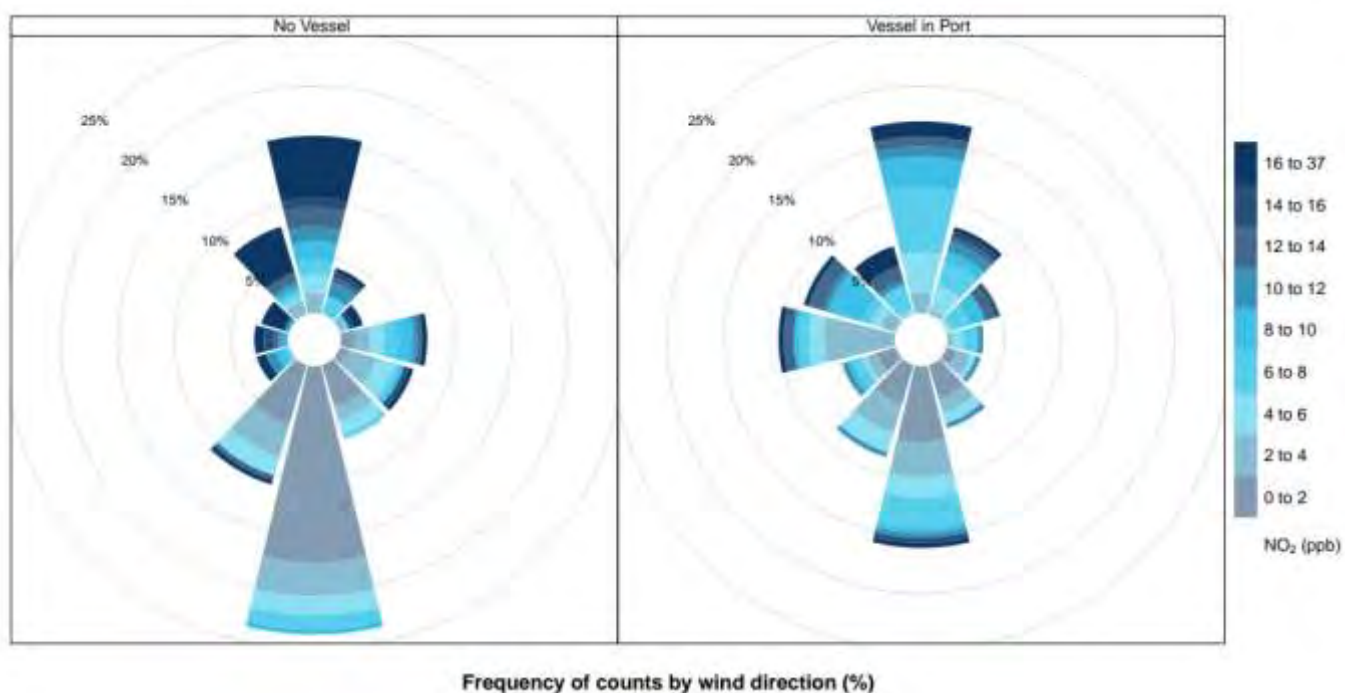


Figure B.14 Hourly average NO_2 concentration (ppb) pollution roses (October 2024)

B-2-6 SO₂

The SO₂ data observed at the Station Pier AQMS is presented in Figure B.15, Figure B.16, Figure B.17 and Figure B.18, in which:

- Figure B.15:** Presents the hourly average SO₂ concentrations observed at the Station Pier AQMS, with hours during which a vessel was present in the port highlighted.
- Figure B.16:** Presents the hourly average SO₂ concentrations observed at the average wind direction for that hour. Colouring indicating the presence of a vessel in the port.
- Figure B.17:** Two pollution roses presenting data observed when there were no vessels in port, and when there were vessels in port. The pollution rose presents the frequency of occurrence of hourly average SO₂ concentrations in each wind direction for the month.
Note that the data presented in the polar plots is limited by the availability of wind data. Wind data was available for only 62% of the monitoring period.
- Figure B.18:** Presents the 24-hour average SO₂ concentrations observed at the Station Pier AQMS, with hours during which a vessel was present in the port highlighted.

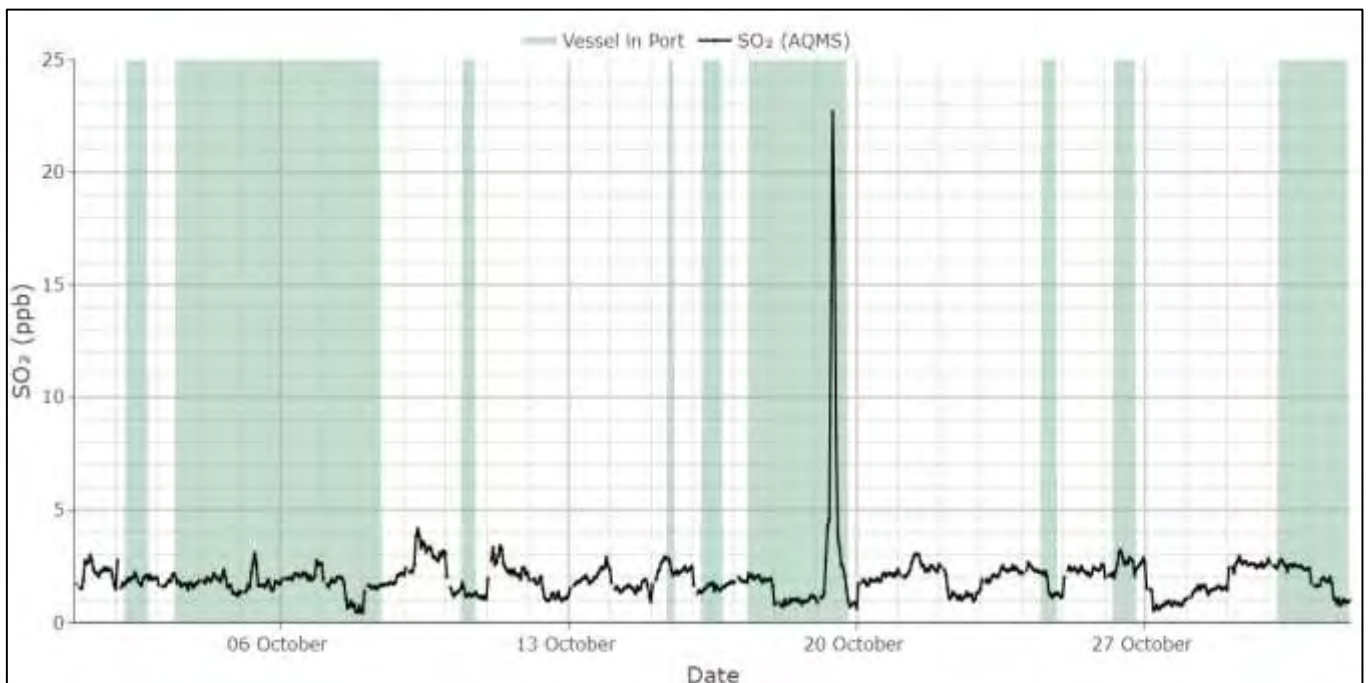


Figure B.15 Hourly average SO₂ concentrations (ppb) at Station Pier (October 2024) (criteria: 75 ppb)

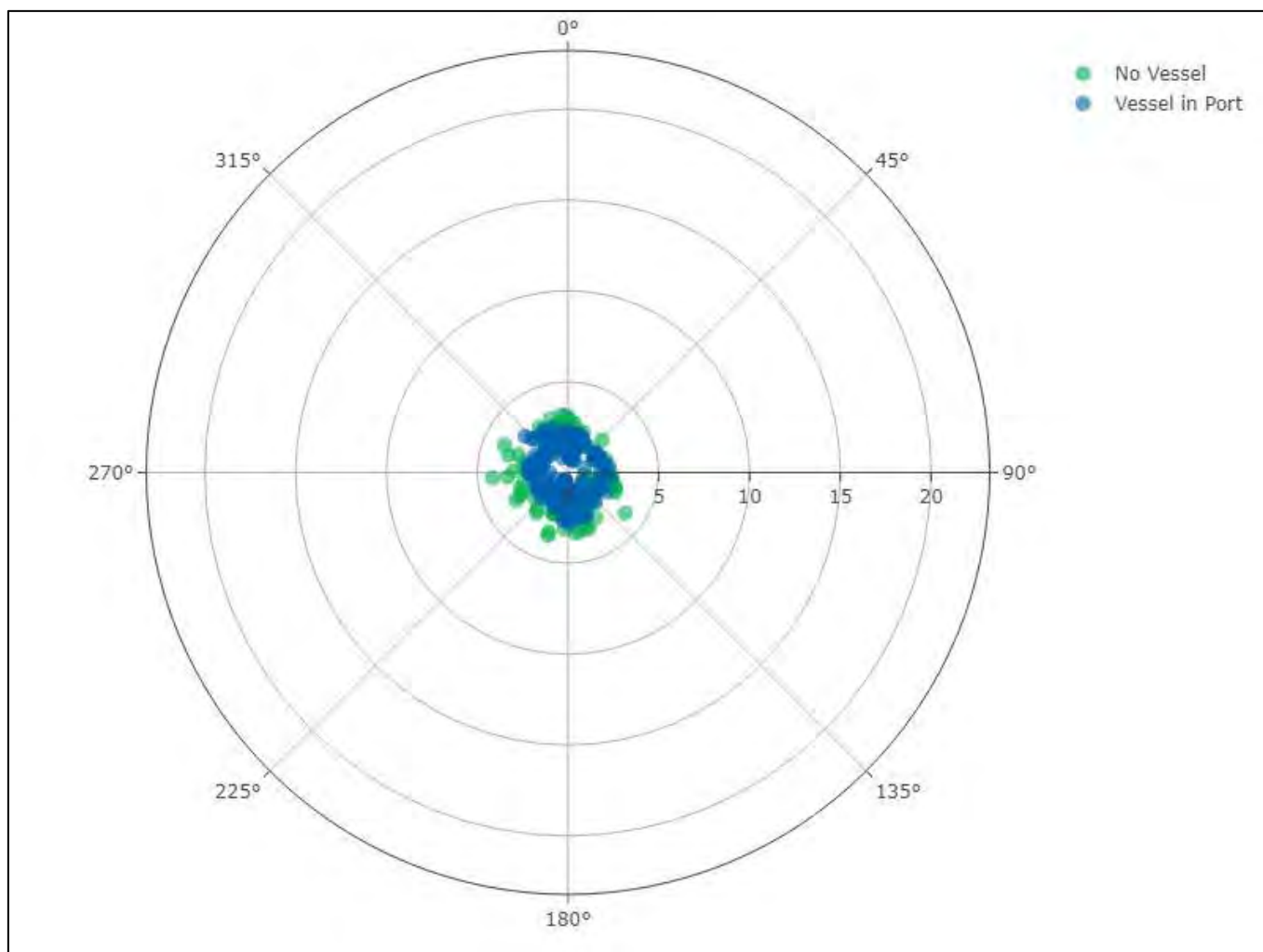


Figure B.16 Hourly average SO₂ concentration (ppb) by wind direction (October 2024)

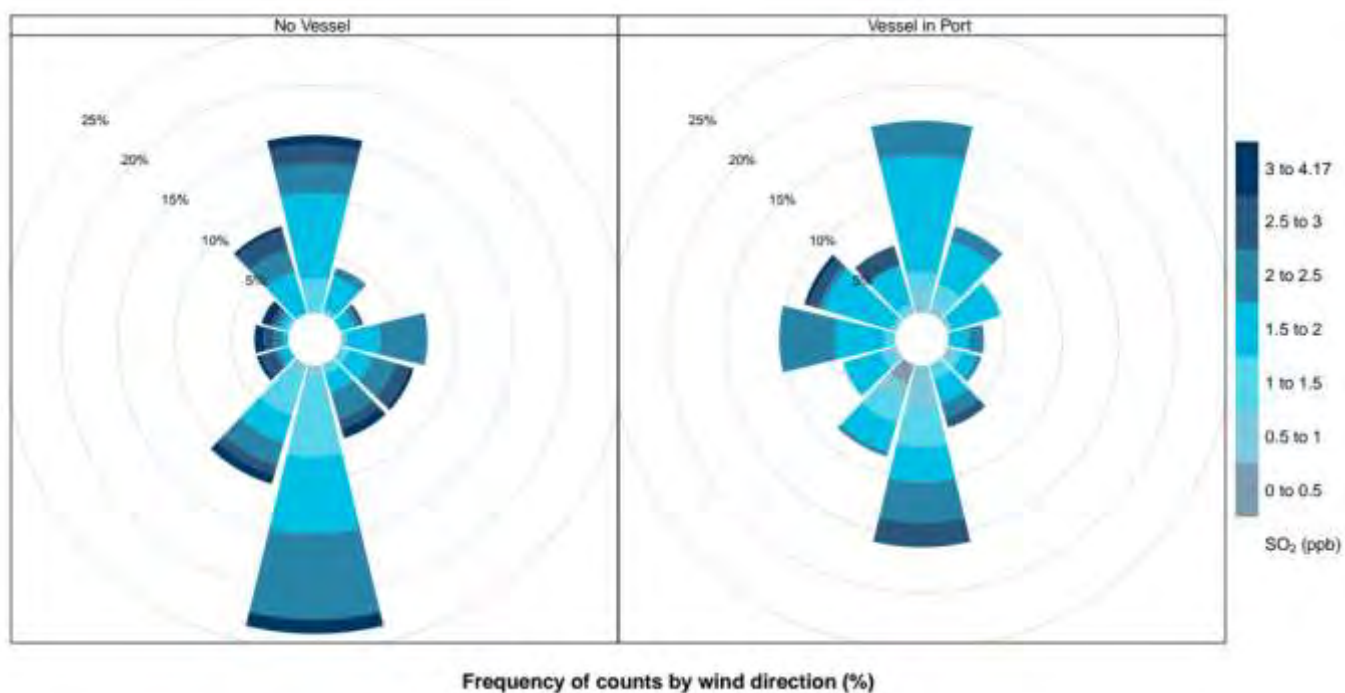


Figure B.17 Hourly average SO₂ concentration (ppb) pollution roses (October 2024)

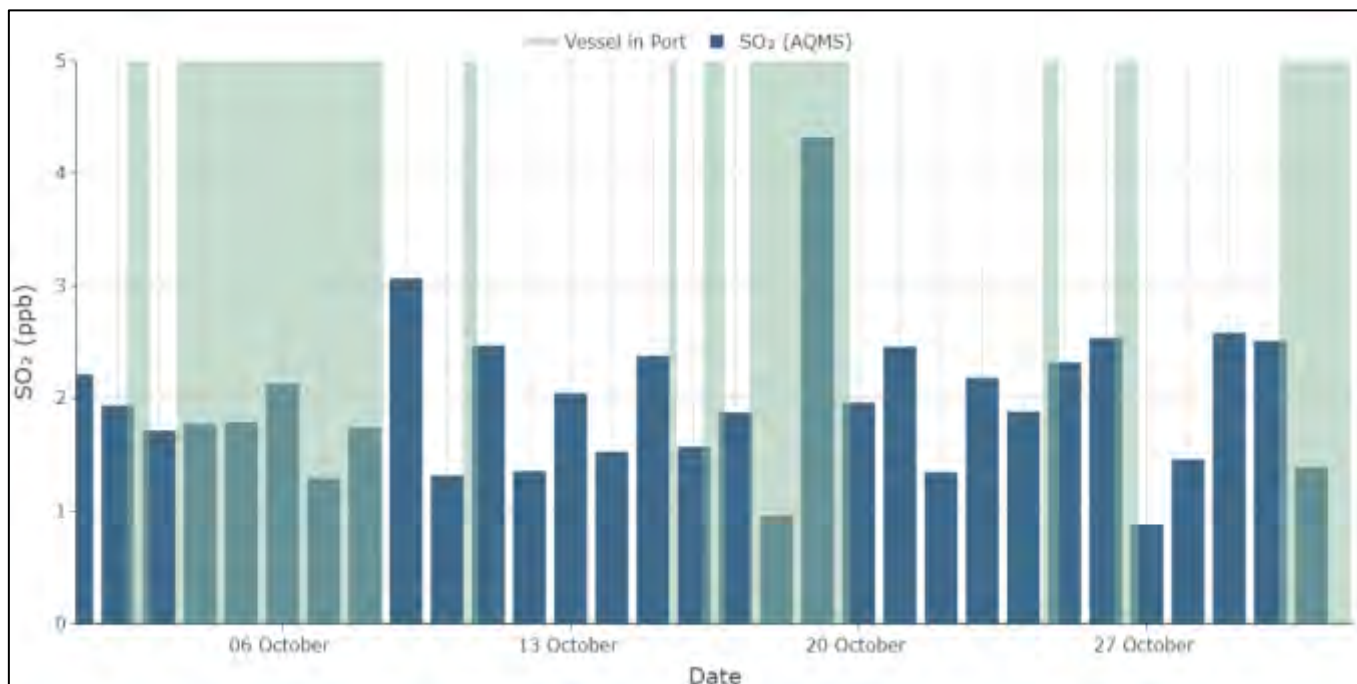


Figure B.18 24-hour average SO₂ concentrations (ppb) at Station Pier (October 2024) (criteria: 20 ppb)

B-3 Data analysis

Analysis of the data collected by the Station Pier AQMS has been conducted for each pollutant including comparison against:

- observations from the nearby EPA Stations (Altona North, Spotswood, Kingsville, Footscray, Brooklyn, Melbourne CBD)
- the adopted criteria (as per Table 2)
- port activity (presence or absence of vessels)
- other impacts to air quality

The assessed EPA locations were selected as they are considered representative of regional air quality. This analysis allows for comparison against ambient air quality across the local region, and identification of potential risk to the receiving environment. It is important to note that while comparison between Station Pier observations and observations at the local EPA Stations has been undertaken, all EPA Stations are in different areas and are influenced by the local air quality environment including nearby sources of air pollution. Correlation (or lack thereof) between observations does not provide an indication of data quality or 'correctness' but rather an indication of variability across the region.

It is important to note that the EPA Station data used in this report has been collected from the EPA website and has not been through a quality assurance / quality control procedure.

B-3-1 PM₁₀

Station Pier AQMS observations

The 24-hour average PM₁₀ concentrations observed at the Station Pier AQMS are presented in Figure B.19 alongside observations from the local EPA Stations and the adopted criterion.

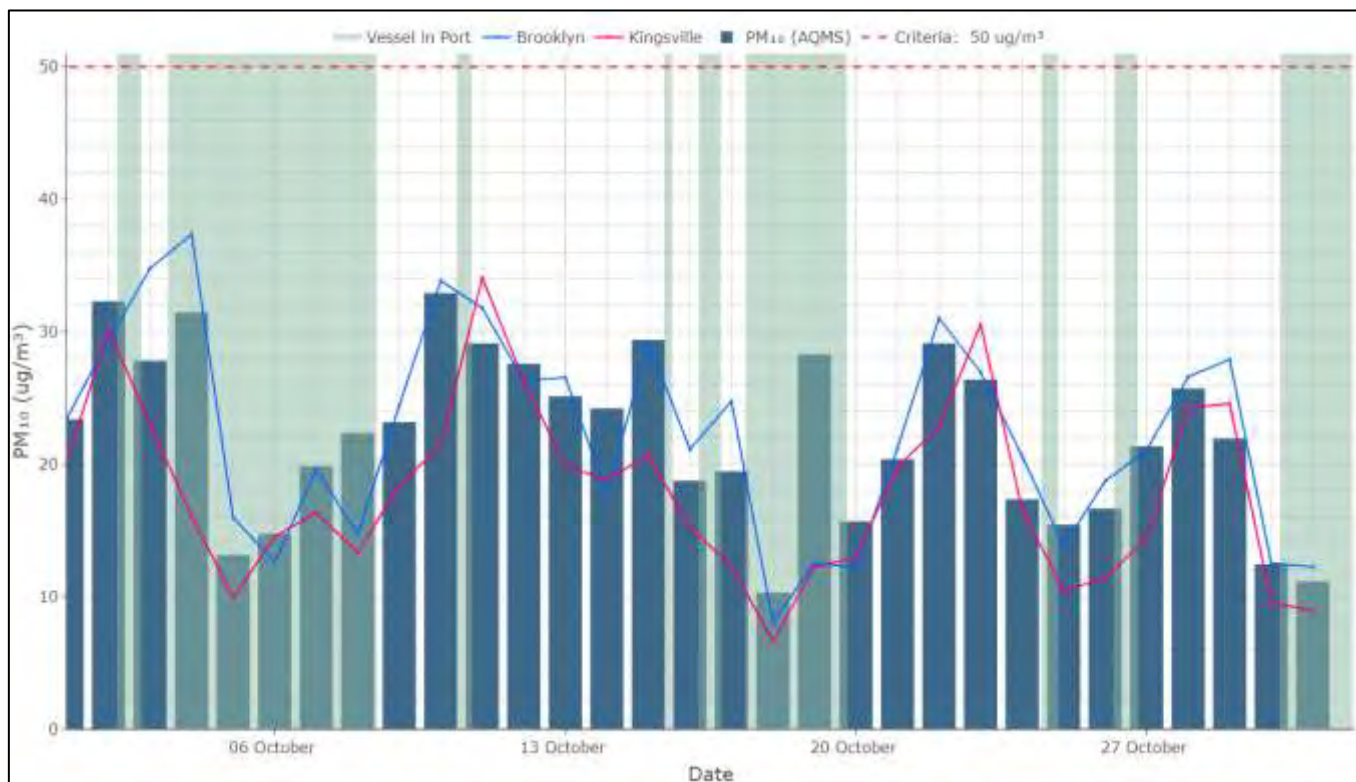


Figure B.19 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (October 2024) (criteria: 50 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA station observations is presented in Table B.3. Positive correlation (≥ 0.75) was observed between the Station Pier observations and the Kingsville and Brooklyn EPA station observations.

All PM₁₀ concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 32.9 µg/m³, which is 34% below the criterion.

Table B.3 Comparison between 24-hour average PM₁₀ Station Pier observations and local EPA station observations

EPA Station	Correlation coefficient (r)
Kingsville	0.75
Brooklyn	0.83

B-3-2 PM_{2.5}

Station Pier AQMS observations

The 24-hour average PM_{2.5} concentrations observed at the Station Pier AQMS are presented in Figure B.20 alongside observations from the local EPA Stations and the adopted criterion.

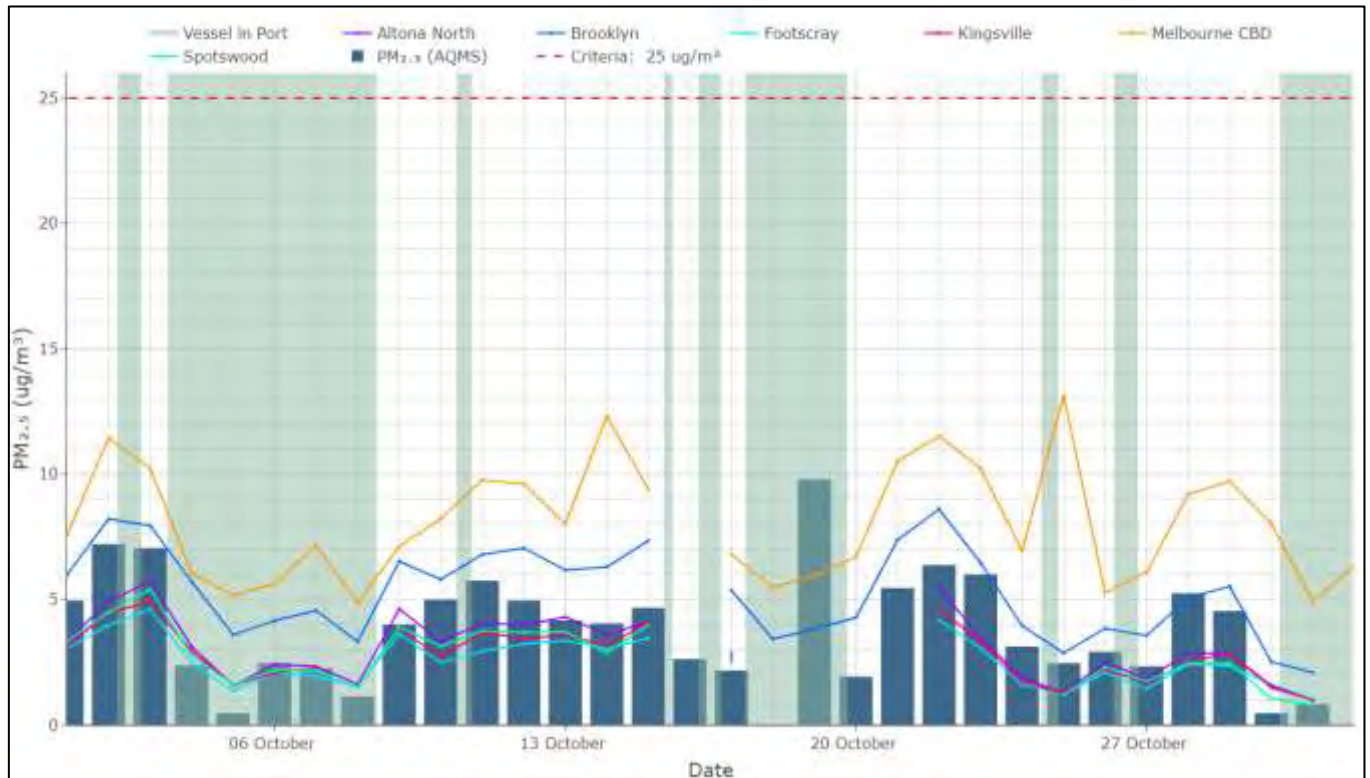


Figure B.20 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (October 2024) (criteria: 25 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA Stations observations is presented in Table B.4. Positive correlation (>0.8) was observed between the Station Pier observations and the EPA station observations for all EPA Stations, except for the Brooklyn and Melbourne CBD stations.

All PM_{2.5} concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 9.8 µg/m³, which was 61% below the criterion.

Table B.4 Comparison between 24-hour average PM_{2.5} Station Pier observations and local EPA Stations observations

EPA Station	Correlation coefficient (r)
Altona North	0.84
Spotswood	0.86
Kingsville	0.84
Footscray	0.84
Brooklyn	0.64
Melbourne CBD	0.45

B-3-3 NO₂

Station Pier AQMS observations

The hourly average NO₂ concentrations observed at the Station Pier AQMS are presented in Figure B.21 alongside observations from the local EPA Station and the adopted criterion.

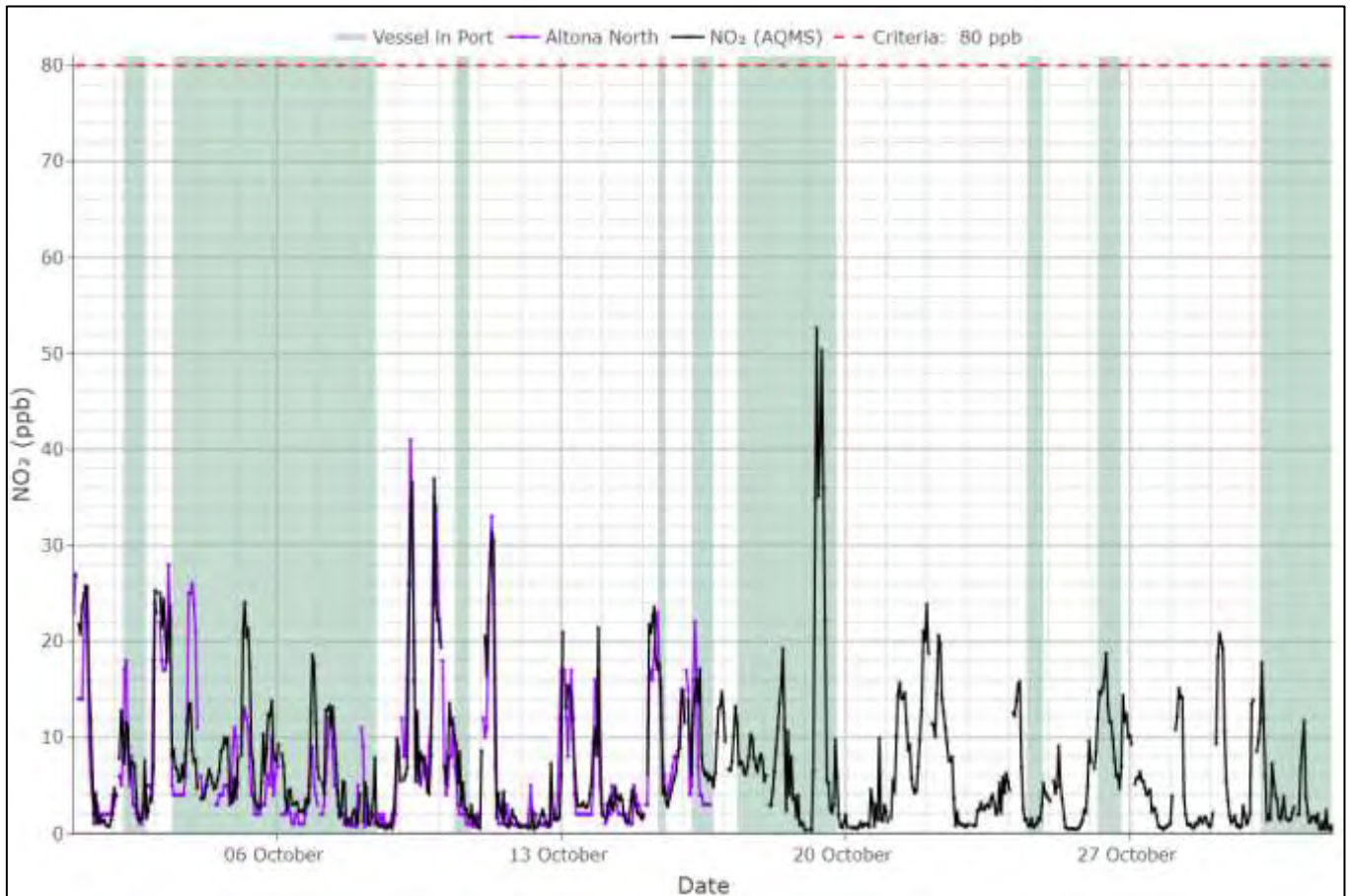


Figure B.21 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA Station (October 2024) (criteria: 80 ppb)

Positive correlation (0.85) was observed between the Station Pier observations and the Altona North EPA station observations.

All concentrations were below the adopted NO₂ criterion. The maximum hourly average concentration recorded was 52.6 ppb, which is 34% below the criterion.

B-3-4 SO₂

Station Pier AQMS observations

The hourly average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure B.22 alongside observations from the local EPA Station and the adopted criterion.

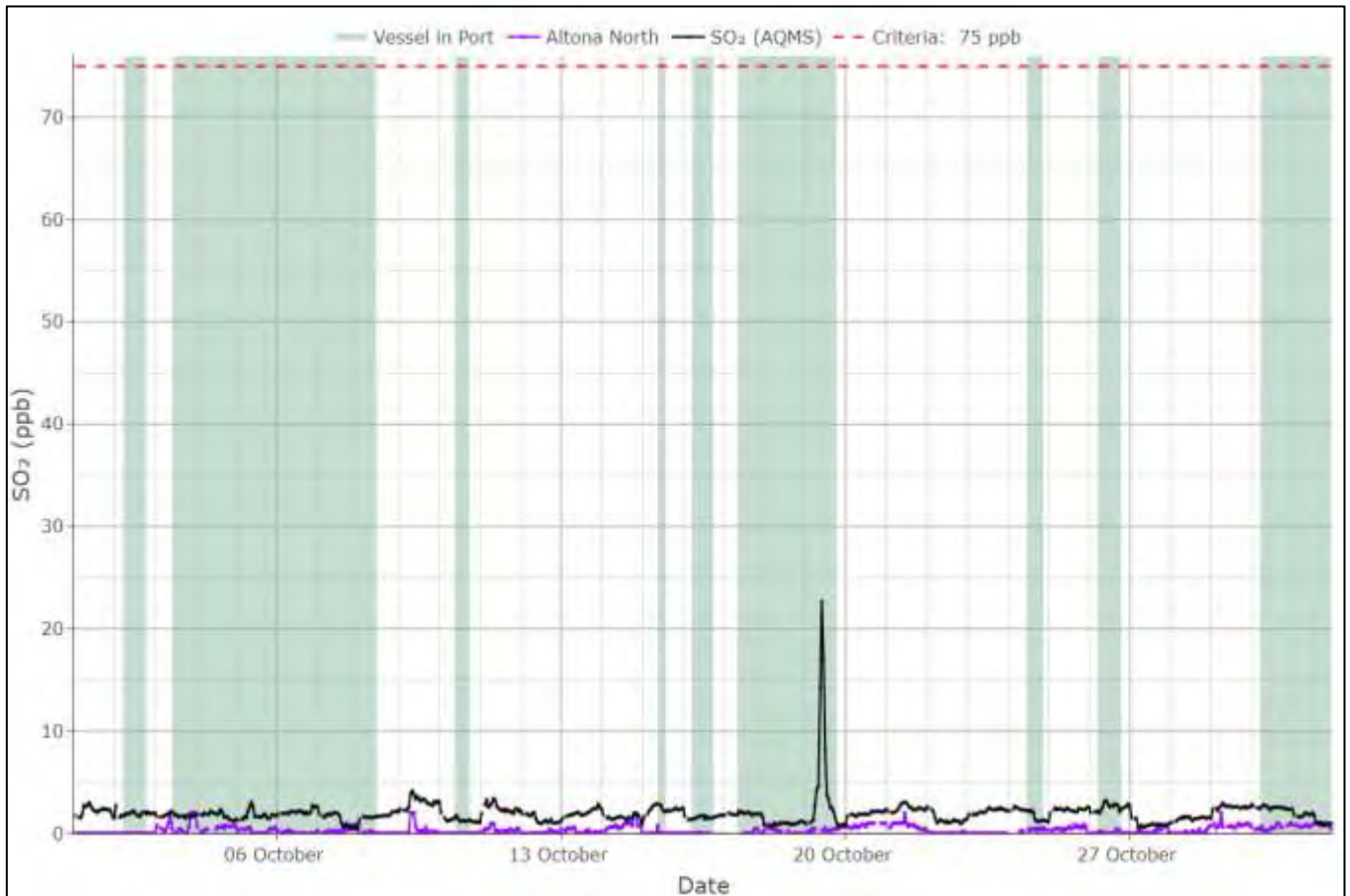


Figure B.22 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (October 2024) (criteria: 75 ppb)

Minimal correlation (0.07) was observed between the Station Pier observations and the Altona North EPA station observations.

All hourly average SO₂ concentrations were below the adopted criterion. The maximum hourly average concentration recorded was 22.7 ppb, which is 70% below the criterion.

The 24-hour average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure B.23 alongside observations from the local EPA Station and the adopted criterion.

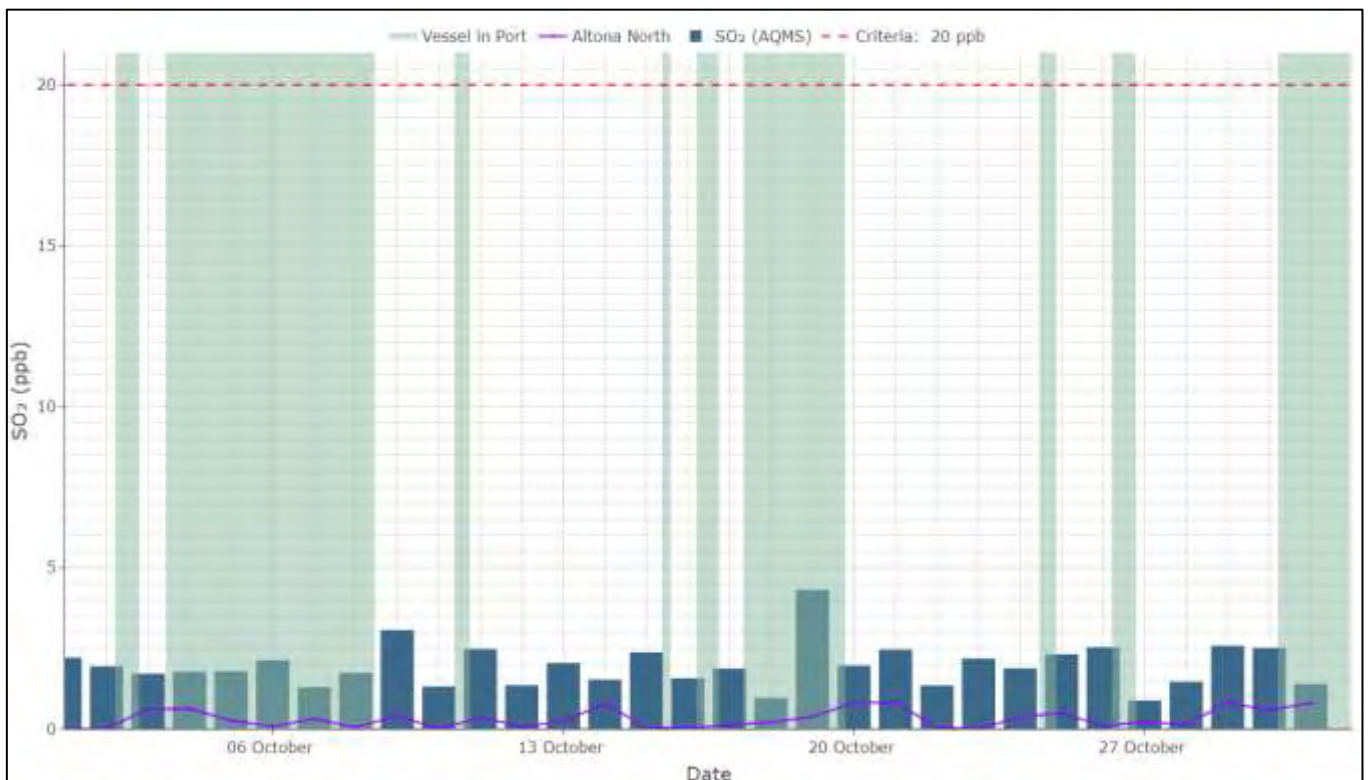


Figure B.23 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA Station (October 2024) (criteria: 20 ppb)

Minimal correlation (0.17) was observed between the Station Pier observations and the Altona North EPA station observations.

All 24-hour average SO₂ concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 4.3 ppb, which is 78% below the criterion.

B-3-5 Port activity

The vessels present at the port during October 2024 are detailed in Table B.5.

Table B.5 Vessels present at Station Pier during October 2024

Ship name	Arrival	Departure
ICS Allegiance (T)	2/10/2024 5:15	2/10/2024 17:11
Cuauhtemoc	3/10/2024 10:35	8/10/2024 9:09
Diamond Princess (P)	5/10/2024 6:33	5/10/2024 17:12
ICS Allegiance (T)	10/10/2024 9:05	10/10/2024 16:00
ICS Allegiance (T)	15/10/2024 9:12	15/10/2024 12:00
Queen Elizabeth (P)	16/10/2024 5:40	16/10/2024 16:24
Tasmanian Achiever 2	17/10/2024 8:27	19/10/2024 11:00
Diamond Princess (P)	19/10/2024 5:04	19/10/2024 17:35
ICS Allegiance (T)	24/10/2024 11:23	24/10/2024 19:30
Diamond Princess (P)	26/10/2024 5:06	26/10/2024 17:40
Crown Princess (P)	30/10/2024 5:24	31/10/2024 21:12

The number of vessels present at the port at the time of the maximum hourly concentrations of each pollutant are shown in Figure B.24. The maximum concentrations for PM_{2.5}, SO₂ and NO₂ occurred when there were two vessels present at the port. The maximum PM₁₀ concentration occurred when there was one vessel present at the port.

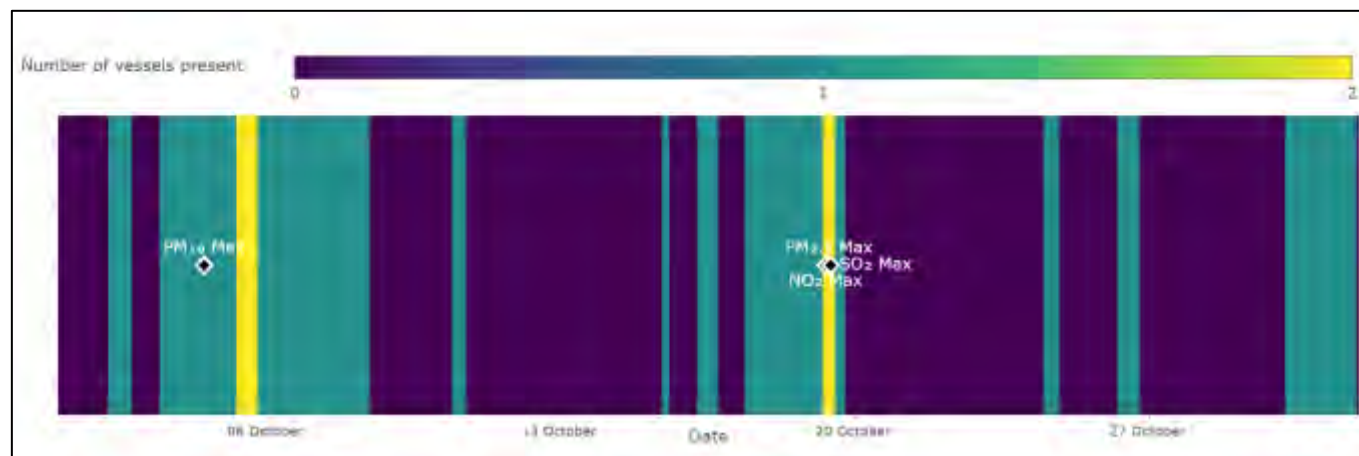


Figure B.24 Number of vessels present compared against maximum concentration observations

The average concentrations for each pollutant have been compared against hourly vessel presence in Table B.6.

Table B.6 Comparison of average concentration against vessel presence

Pollutant	Proportion of vessel presence during monitoring	Average concentration	
		No vessel	Vessel in port
PM ₁₀	37%	23.5 µg/m ³	19.8 µg/m ³
PM _{2.5}	33%	4.5 µg/m ³	4.0 µg/m ³
NO ₂	38%	6.8 ppb	7.1 ppb
SO ₂	38%	2.0 ppb	2.0 ppb

B-3-6 Other impacts to air quality

Planned Burns

Smoke from burning can lead to increased particulate matter observations and would likely impact EPA observations as well as those at Station Pier. Reports of bushfires and planned burns across Victoria have been reviewed to identify other potential impacts to air quality (Forest Fire Management Victoria, 2024).

Events which likely increased particulate matter observations are the planned burns which were reported to take place around Victoria at the following locations:

- Avoca – Rifle Range 2 (1-7 October 2024)
- St Arnaud – Franklin Rd and Wedderburn – Butterick Lane (7-13 October 2024)
- Wonga Ma, McCrae – Arthurs Seat State Park (9 October 2024)
- Beaufort – Box Track, Linton – Jennings Rd, and Greendale – Greenhills Rd (9-15 October 2024)
- St Arnaud – Sand Hills and Wedderburn – Butterick Lane (10-16 October 2024)
- Macedon – Finger Post Rd and Enfield – PUB (11-13 October 2023)
- Port Welshpool – Smith St and Foster – New Zealand Hill South (11-17 October 2024)
- Dunolly – Painkiller Track (14-20 October 2024)
- Barwon Downs – Mahers Rd (17 October 2024)
- Dunolly – Painkiller Track and St Arnaud – Franklin Rd (21 October 2024)
- You Yangs Regional Park – Yawang Wiyn Dja (22 October 2024)
- Marlo – Bushland Central and Boggy Creek – Tower Rd (25-31 October 2024)
- Tarnagulla - Robyns and Dowley Track (26 October 2024)
- Maiden Gully - Derwent Gully Rd (29 October 2024)
- Inglewood - Calder Hwy Caravan Park (30 October 2024)

B-4 Summary

The Station Pier AQMS commenced operation on 4 December 2023 and collects both meteorological and air quality parameters including wind speed, wind direction, temperature, relative humidity, sigma, PM₁₀, PM_{2.5}, NO₂, and SO₂ concentrations. Data from October 2024 has been reviewed by ACOEM and the NATA accredited results are presented in this report.

Station Pier AQMS

All observations of PM₁₀, PM_{2.5} and NO₂ and SO₂ during the month of October 2024 were lower than the adopted short term criteria (1-hour and 24-hour).

Slightly increased concentrations of PM_{2.5}, NO₂ and SO₂ were observed on 19 October 2024 while two vessels were present at the port (Tasmanian Achiever 2 and Diamond Princess). Observations from the nearby EPA stations were not increased, and no planned burns were identified on this day. This indicates a localised source of emissions. Elevated PM_{2.5} and SO₂ concentrations were observed for approximately three hours, and NO₂ concentrations were elevated for approximately seven hours.

Appendix C

Data analysis – long term

C-1 PM₁₀

The PM₁₀ data observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 October 2024) is presented in Figure C.1 and Figure C.2, in which:

Figure C.1: Presents the 24-hour average PM₁₀ concentrations observed at the Station Pier AQMS, alongside observations from the local EPA Stations. Hours during which a vessel was present in the port highlighted.

Figure C.2: Presents the hourly average PM₁₀ concentrations observed at the average wind direction for that hour. Colouring indicating the presence of a vessel in the port.



Figure C.1 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - October 2024) (criteria: 50 µg/m³)

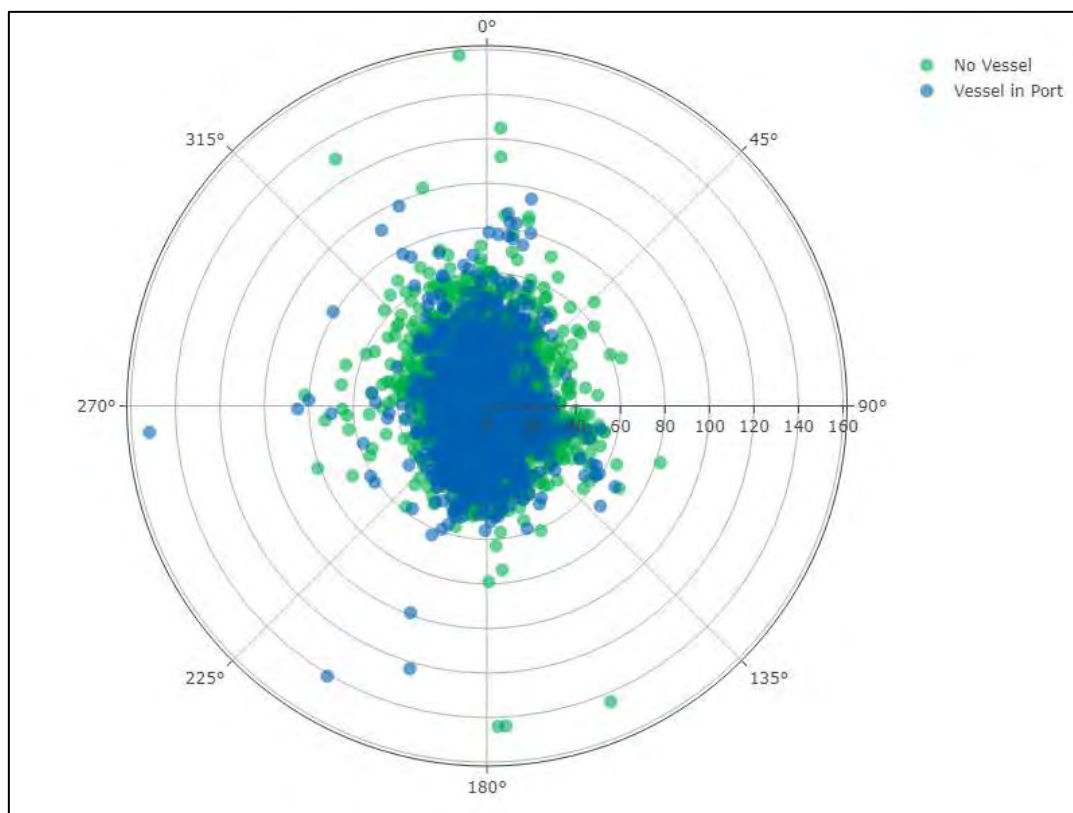


Figure C.2 *Hourly average PM₁₀ concentration (µg/m³) by wind direction (December 2023 - October 2024)*

An annual average criterion of 25 µg/m³ is specified for PM₁₀. As less than one year of data is available, annual average concentrations cannot yet be calculated and compared against this criterion. Monthly average and overall average concentrations using all data available to date are presented in Table C.1.

Table C.1 *Monthly average PM₁₀ concentrations (µg/m³)*

Month	Station Pier	Kingsville	Footscray	Brooklyn
December 2023	23.3	19.0	14.8	-
January 2024	22.1	18.3	12.6	-
February 2024	26.7	23.3	18.6	29.8
March 2024	27.2	23.7	21.0	30.9
April 2024	17.7	13.5	12.0	18.3
May 2024	26.6	24.5	20.6	28.7
June 2024	17.3	13.7	6.6	20.2
July 2024	17.5	14.2	12.0	20.6
August 2024	20.9	12.8	13.7	26.2
September 2024	19.3	11.6	-	19.9
October 2024	22.1	18.3	-	22.1
2024 year-to-date	21.6	17.1	14.8	23.9
All available data	21.7	17.3	14.8	23.9
“-” indicates no data available				

C-2 PM_{2.5}

The PM_{2.5} data observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 October 2024) is presented in Figure C.3 and Figure C.4, in which:

Figure C.3: Presents the 24-hour average PM_{2.5} concentrations observed at the Station Pier AQMS, alongside observations from the local EPA Stations. Hours during which a vessel was present in the port highlighted.

Figure C.4: Presents the hourly average PM_{2.5} concentrations observed at the average wind direction for that hour. Colouring indicating the presence of a vessel in the port.

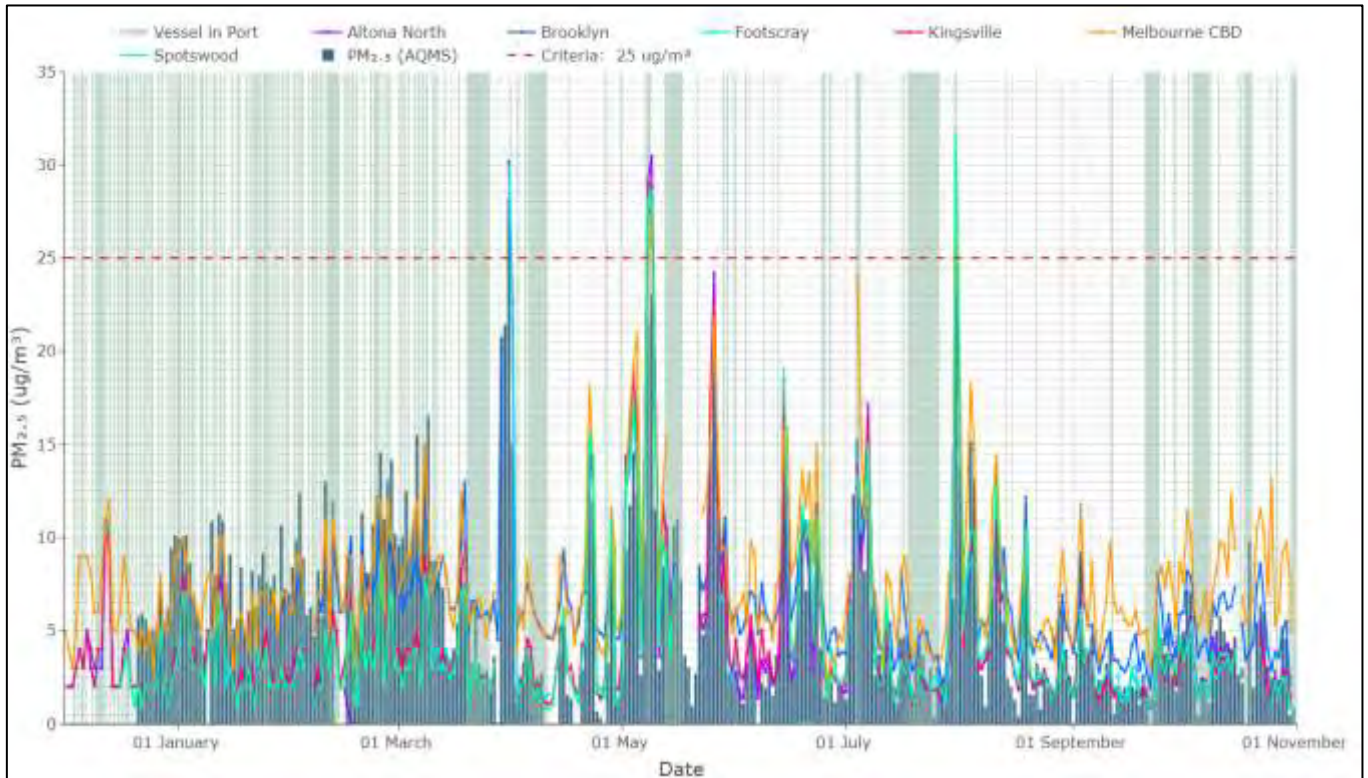


Figure C.3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - October 2024) (criteria: 25 µg/m³)

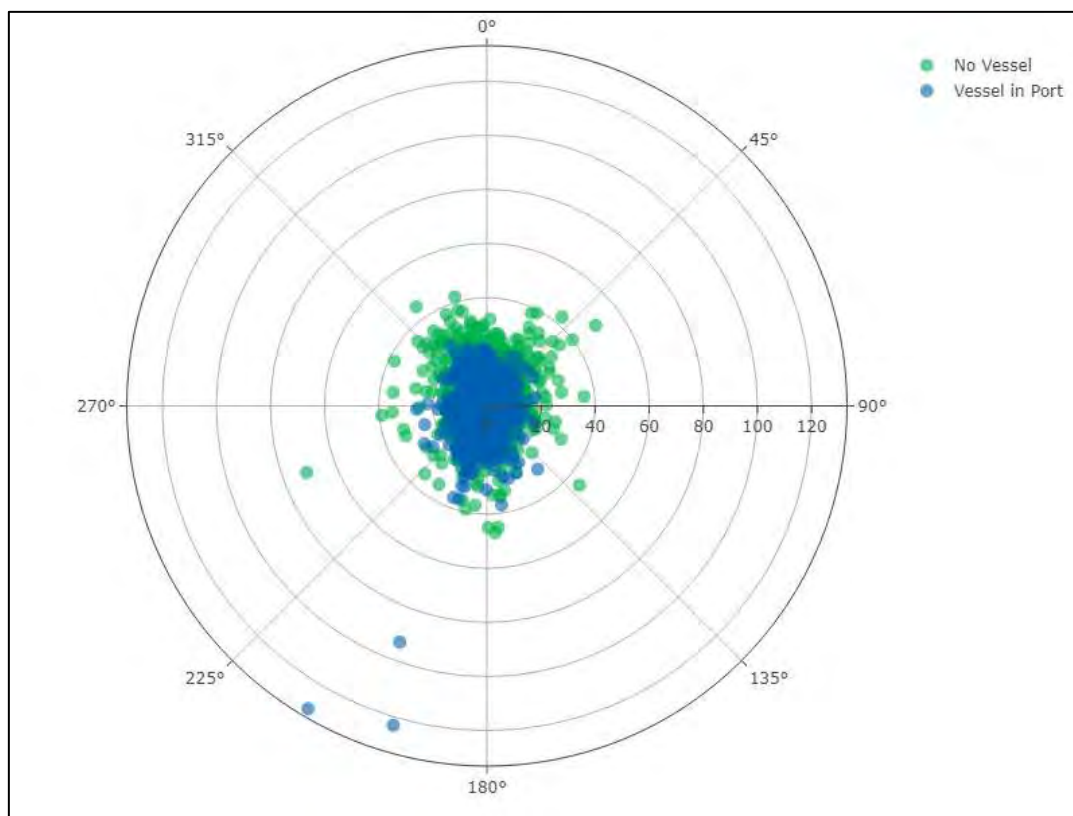


Figure C.4 Hourly average $PM_{2.5}$ concentration ($\mu g/m^3$) by wind direction (December 2023 - October 2024)

An annual average criterion of $8 \mu g/m^3$ is specified for $PM_{2.5}$. As less than one year of data is available, annual average concentrations cannot yet be calculated and compared against this criterion. Monthly average and overall average concentrations using all data available to date are presented in Table C.2.

Table C.2 Monthly average $PM_{2.5}$ concentrations ($\mu g/m^3$)

Month	Station Pier	Kingsville	Footscray	Brooklyn	Melbourne CBD	Spotswood	Altona North
December 2023	6.5	3.3	3.2	-	6.5	2.1	3.2
January 2024	7.8	3.4	3.0	6.1	6.8	3.0	3.3
February 2024	9.4	4.0	3.7	7.5	8.2	3.6	2.5
March 2024	9.2	4.2	4.1	8.6	8.4	3.7	-
April 2024	4.9	3.8	3.9	7.1	6.8	3.6	1.1
May 2024	9.4	11.7	11.5	12.1	13.6	12.0	11.5
June 2024	5.0	5.2	2.1	6.9	7.9	6.6	4.4
July 2024	6.0	5.9	5.5	6.9	8.3	5.6	5.4
August 2024	5.5	4.7	4.8	6.5	7.9	5.2	4.9
September 2024	3.5	2.4	2.7	4.3	6.2	2.5	2.5
October 2024	4.3	2.9	2.5	5.3	8.2	2.8	3.1
2024 year-to-date	6.6	4.8	4.5	7.1	8.1	4.6	4.7

Month	Station Pier	Kingsville	Footscray	Brooklyn	Melbourne CBD	Spotswood	Altona North
All available data	6.6	4.6	4.4	7.1	7.9	4.4	4.5
“-” indicates no data available							

C-3 NO₂

The NO₂ data observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 October 2024) is presented in Figure C.5 and Figure C.6, in which:

Figure C.5: Presents the hourly average NO₂ concentrations observed at the Station Pier AQMS, alongside observations from the local EPA Station, with hours during which a vessel was present in the port highlighted.

Figure C.6: Presents the hourly average NO₂ concentrations observed at the average wind direction for that hour. Colouring indicating the presence of a vessel in the port.

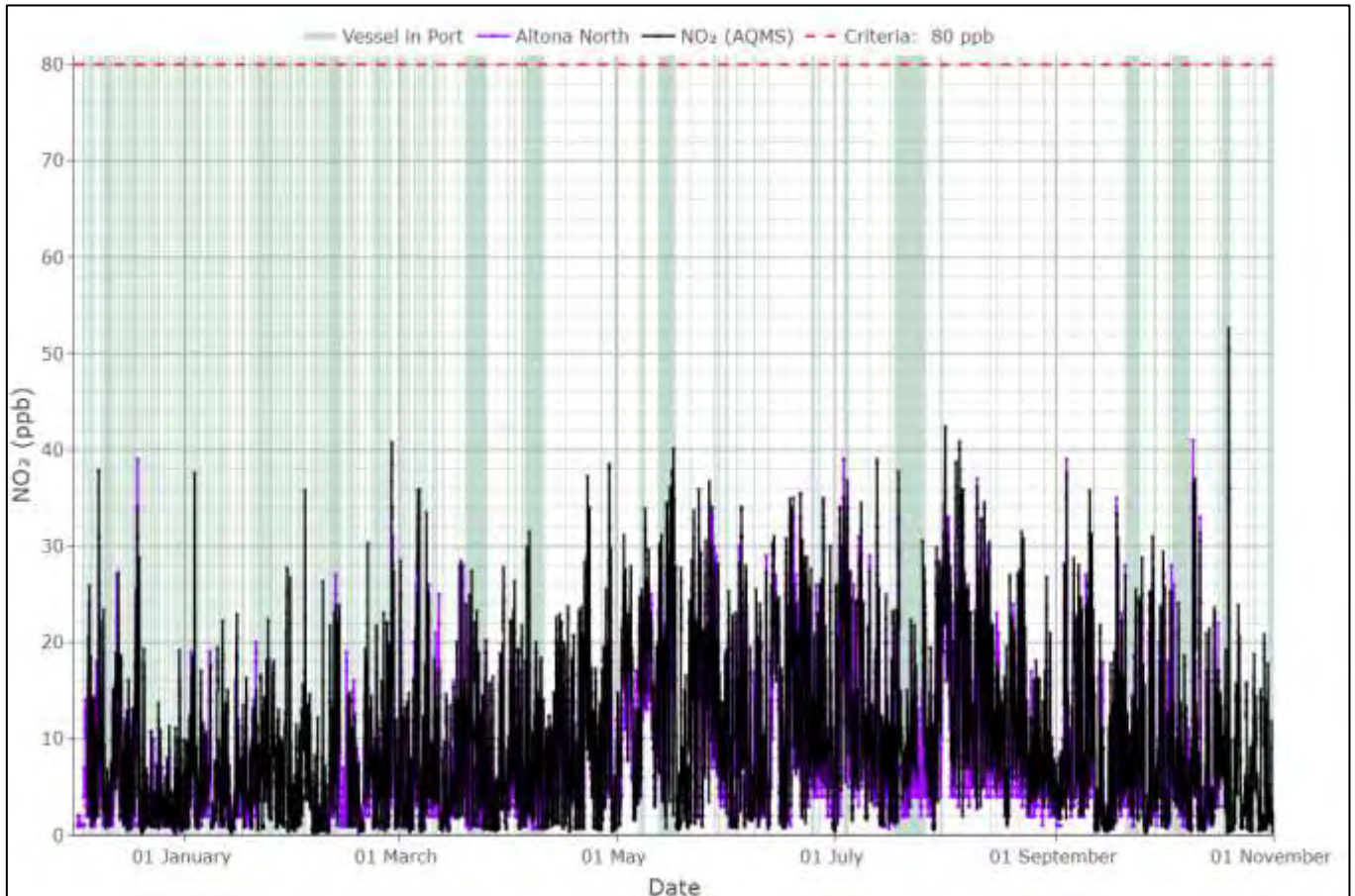


Figure C.5 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - October 2024) (criteria: 80 ppb)

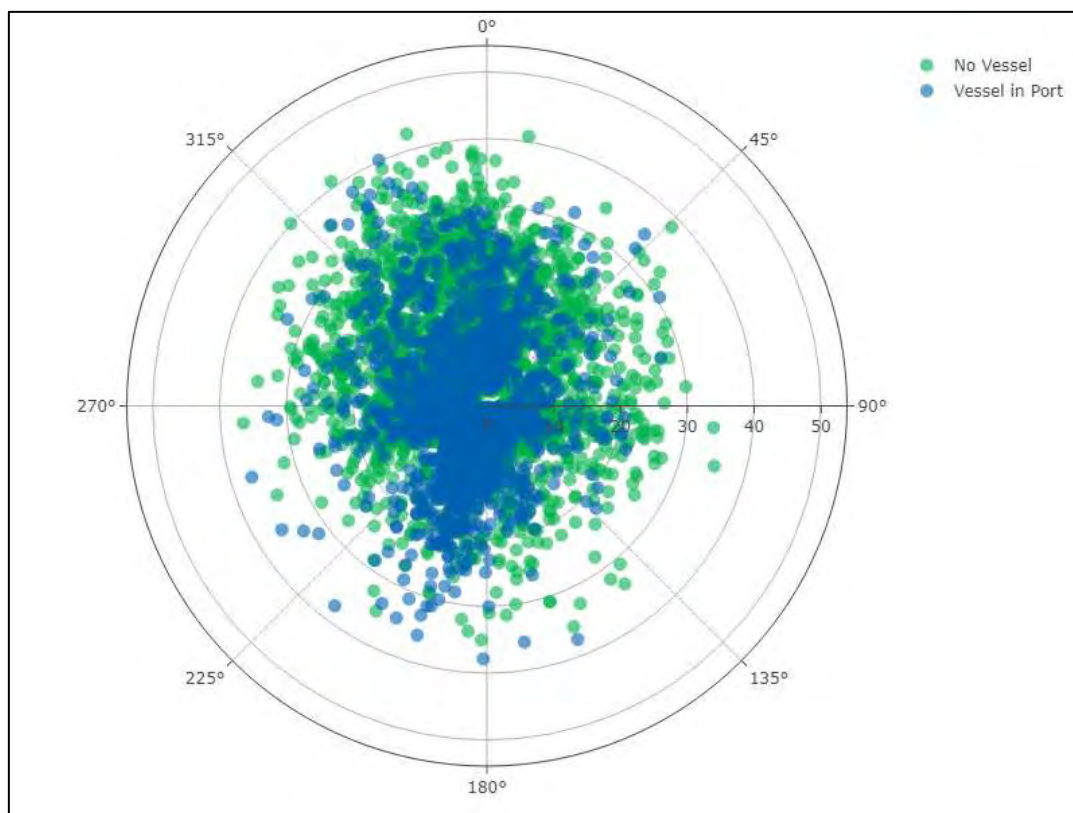


Figure C.6 Hourly average NO₂ concentration (µg/m³) by wind direction (December 2023 - October 2024)

An annual average criterion of 15 ppb is specified for NO₂. As less than one year of data is available, annual average concentrations cannot yet be calculated and compared against this criterion. Monthly average and overall average concentrations using all data available to date are presented in Table C.3.

Table C.3 Monthly NO₂ concentrations (ppb)

Month	Station Pier	Altona North
December 2023	6.1	4.0
January 2024	6.3	4.2
February 2024	7.1	4.3
March 2024	7.9	5.9
April 2024	9.0	7.4
May 2024	14.7	13.3
June 2024	12.6	10.9
July 2024	13.2	10.7
August 2024	13.0	10.8
September 2024	8.9	6.8
October 2024	6.9	6.9
2024 year-to-date	10.0	8.4
All available data	9.7	8.0

C-4 SO₂

The SO₂ data observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 October 2024) is presented in Figure C.7, Figure C.8 and Figure C.9, in which:

- Figure C.7:** Presents the hourly average SO₂ concentrations observed at the Station Pier AQMS, alongside observations from the local EPA Station. Hours during which a vessel was present in the port highlighted.
- Figure C.8:** Presents the hourly average SO₂ concentrations observed at the average wind direction for that hour. Colouring indicating the presence of a vessel in the port.
- Figure C.9:** Presents the 24-hour average SO₂ concentrations observed at the Station Pier AQMS, alongside observations from the local EPA Station. Hours during which a vessel was present in the port highlighted.

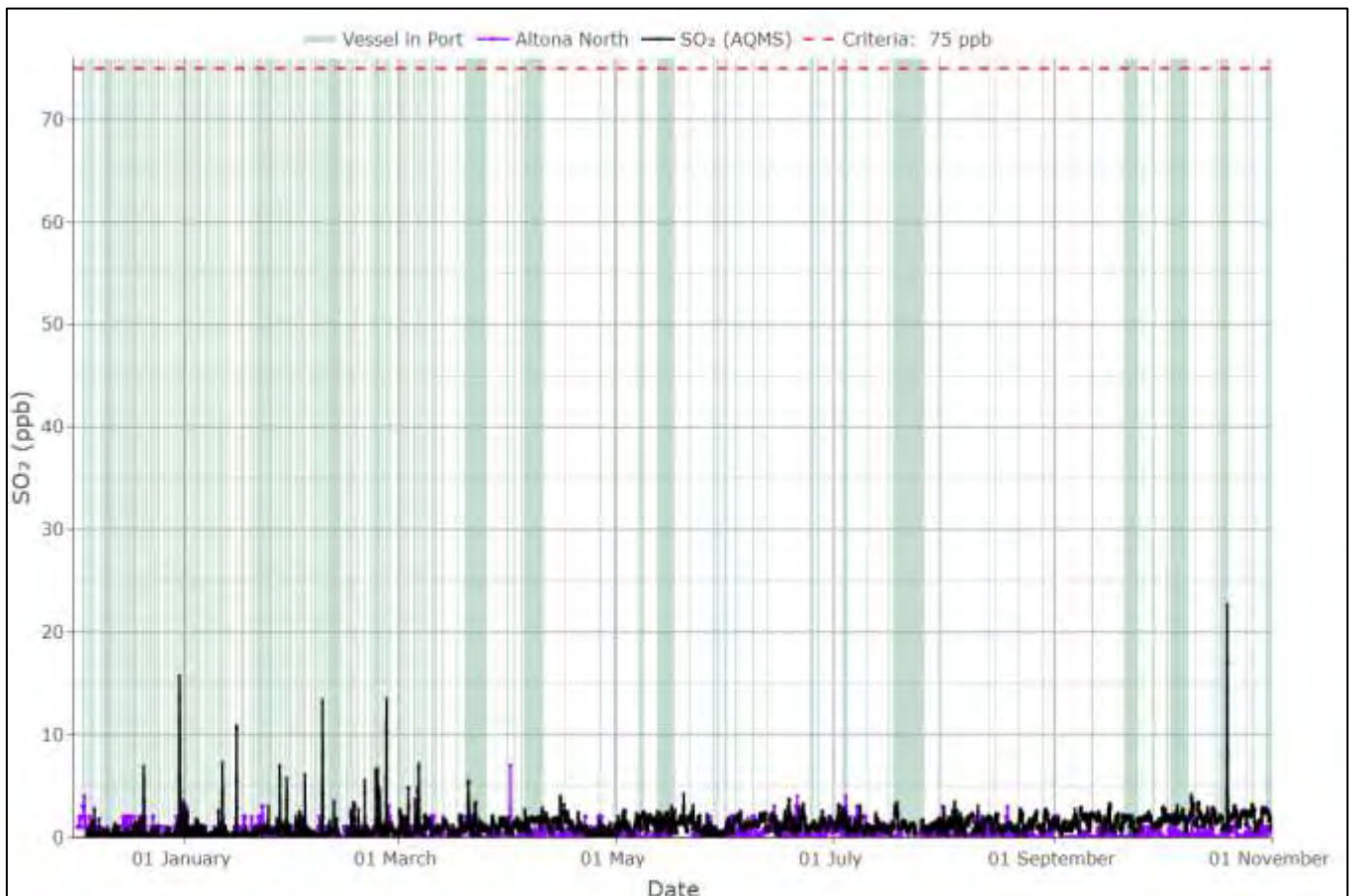


Figure C.7 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA Station (December 2023 - October 2024) (criteria: 75 ppb)

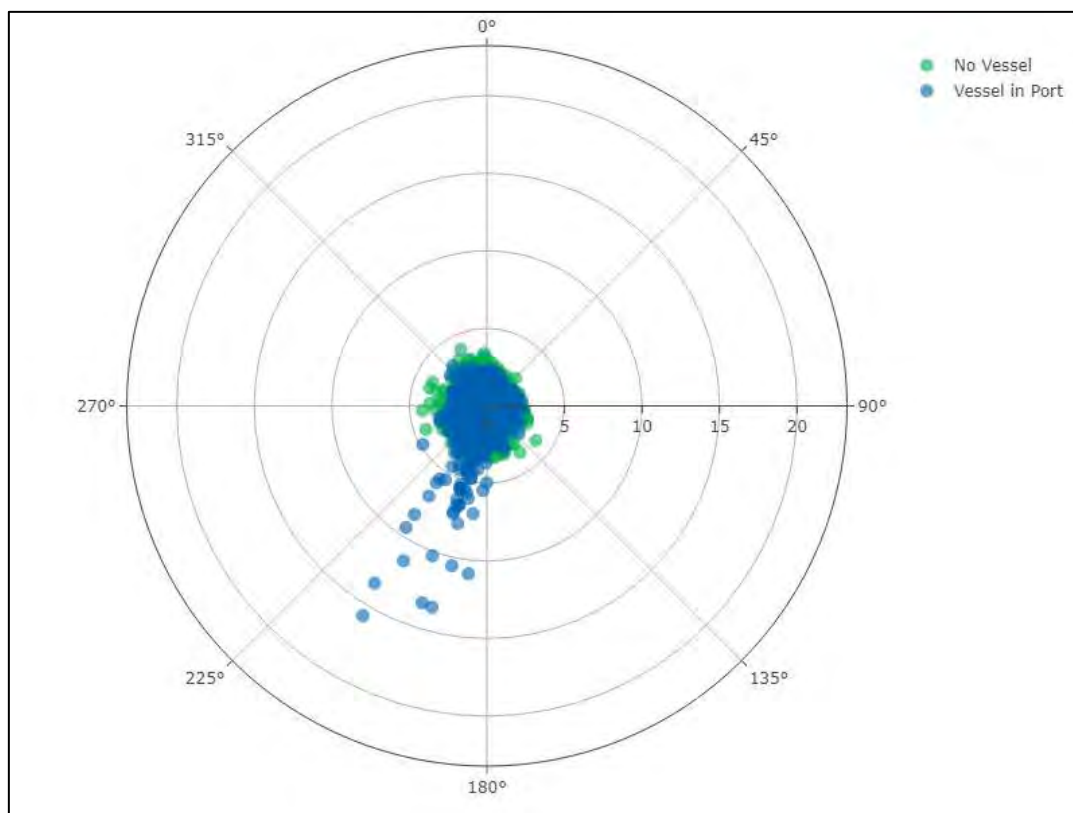


Figure C.8 Hourly average SO_2 concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - October 2024)



Figure C.9 24-hour average SO_2 concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier and local EPA Station (December 2023 - October 2024) (criteria: $20 \mu\text{g}/\text{m}^3$)

Appendix D

October 2024 NATA accredited data



Accredited for
compliance with
ISO/IEC 17025-
Testing
Accreditation No.
14184.



GHD for Ports Victoria
Station Pier, Kunak VIC 6, Kunak VIC 7- 40 Beacon Vista, Kunak VIC 8 - Site 2

Ambient Air Quality Monitoring

1st October to 31st October 2024

Report No: DAT21952

Issue Date: 15th November 2024

Maintenance Contract: MC2306

Acoem Australasia (Ecotech Pty Ltd). 1492 Ferntree Gully Rd, Knoxfield, VIC. 3180 Australia.
Ph: 1300 364 946, Fax: 1300 668 763, Email: info.au@acoem.com, Web: www.acoem.com.au

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Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/10/24 00:05	4	26	30	3	13.3	85	0.9	316	19
01/10/24 00:10	6	26	31	2	13.3	85	1.8	318	14
01/10/24 00:15	20	27	47	2	13.4	84	2.2	319	13
01/10/24 00:20	30	29	59	1	13.3	83	1.9	321	14
01/10/24 00:25	30	30	60	2	13.2	83	1.8	324	16
01/10/24 00:30	30	29	59	2	13.1	82	1.8	334	15
01/10/24 00:35	30	29	59	2	13.1	82	2.0	335	15
01/10/24 00:40	27	29	56	2	13.0	81	2.0	336	15
01/10/24 00:45	23	29	52	2	13.0	81	1.8	337	17
01/10/24 00:50	20	28	48	2	13.0	80	2.0	335	11
01/10/24 00:55	18	26	44	1	13.1	80	1.7	335	17
01/10/24 01:00	32	15	47	1	13.1	80	2.0	352	14
01/10/24 01:05					13.0	80	2.0	348	10
01/10/24 01:10					13.1	80	2.0	349	14
01/10/24 01:15					12.9	80	2.0	350	14
01/10/24 01:20					12.9	80	1.6	346	18
01/10/24 01:25					12.8	80	1.4	325	14
01/10/24 01:30					12.8	80	1.1	315	17
01/10/24 01:35					12.8	80	1.1	316	15
01/10/24 01:40					12.6	80	1.2	322	19
01/10/24 01:45					12.7	80	1.0	324	16
01/10/24 01:50					12.7	80	1.5	333	17
01/10/24 01:55					12.8	80	2.0	338	13
01/10/24 02:00					12.6	79	1.6	345	17
01/10/24 02:05	41	24	65	2	12.5	80	2.0	348	15
01/10/24 02:10	39	28	66	2	12.5	80	2.2	350	13
01/10/24 02:15	32	25	56	2	12.4	80	2.0	354	13
01/10/24 02:20	24	23	47	2	12.3	81	1.6	354	15
01/10/24 02:25	16	22	38	1	12.3	81	1.8	353	14
01/10/24 02:30	7	20	27	1	12.3	81	1.2	353	17
01/10/24 02:35	6	20	26	2	12.2	82	1.1	341	27
01/10/24 02:40	5	20	25	2	12.3	82	1.4	349	21
01/10/24 02:45	5	20	25	2	12.2	82	1.6	351	22
01/10/24 02:50	5	20	25	2	12.2	82	1.3	358	27
01/10/24 02:55	4	20	25	1	12.3	82	1.6	353	19
01/10/24 03:00	4	21	25	1	12.2	82	1.7	356	17
01/10/24 03:05	4	21	25	1	12.2	82	1.7	354	22
01/10/24 03:10	3	20	24	1	12.2	82	1.7	352	17
01/10/24 03:15	3	20	24	1	12.2	82	1.5	340	24
01/10/24 03:20	3	20	23	1	12.2	83	1.5	351	31
01/10/24 03:25	3	20	23	1	12.3	83	1.5	354	24
01/10/24 03:30	2	20	22	1	12.3	83	1.6	340	25
01/10/24 03:35	2	19	22	2	12.2	83	1.7	325	23
01/10/24 03:40	3	20	23	2	12.3	83	1.6	332	24
01/10/24 03:45	14	20	34	2	12.1	83	1.5	340	22
01/10/24 03:50	25	23	48	2	12.1	83	1.7	338	22
01/10/24 03:55	25	23	47	2	12.1	83	2.1	342	21
01/10/24 04:00	24	23	47	2	12.1	83	2.2	342	19
01/10/24 04:05	23	23	46	2	12.1	83	2.2	338	18
01/10/24 04:10	22	24	45	2	12.1	83	2.2	345	18
01/10/24 04:15	22	23	46	2	12.0	83	2.0	340	17
01/10/24 04:20	34	23	57	2	11.9	83	2.4	348	17
01/10/24 04:25	36	25	61	2	11.9	84	2.6	341	12
01/10/24 04:30	33	24	57	2	11.9	84	2.0	346	16
01/10/24 04:35	32	24	56	2	11.8	84	1.7	326	16
01/10/24 04:40	28	24	53	2	11.9	84	1.3	329	21
01/10/24 04:45	23	25	48	2	11.9	84	1.5	336	17
01/10/24 04:50	24	23	47	2	11.8	83	1.9	345	15
01/10/24 04:55	39	22	62	2	11.8	84	1.8	345	10
01/10/24 05:00	50	24	73	2	11.7	84	1.5	339	14
01/10/24 05:05	54	22	77	2	11.7	84	1.9	342	16
01/10/24 05:10	56	26	82	3	11.8	83	2.2	348	12
01/10/24 05:15	52	24	76	3	11.9	83	2.5	351	9
01/10/24 05:20	43	28	70	3	11.7	83	2.4	354	10
01/10/24 05:25	41	22	63	3	11.5	84	2.1	350	12
01/10/24 05:30	37	25	61	3	11.6	84	1.7	357	15
01/10/24 05:35	38	25	63	3	11.6	84	1.9	353	9
01/10/24 05:40	40	25	65	3	11.5	84	1.9	349	12
01/10/24 05:45	41	24	66	3	11.7	83	1.7	344	16
01/10/24 05:50	43	25	68	3	11.7	83	1.7	336	20
01/10/24 05:55	40	26	66	3	11.8	83	1.9	341	25
01/10/24 06:00	38	27	65	3	11.8	83	1.9	346	17
01/10/24 06:05	35	28	63	3	11.8	83	2.1	353	13
01/10/24 06:10	32	29	61	3	11.8	82	2.4	346	16
01/10/24 06:15	33	27	59	3	11.8	82	2.1	353	16
01/10/24 06:20	33	26	59	3	11.9	82	2.0	345	15
01/10/24 06:25	37	27	65	3	11.9	81	2.0	347	16
01/10/24 06:30	47	23	70	3	11.9	82	2.1	346	18
01/10/24 06:35	48	24	72	3	12.0	82	1.9	350	17
01/10/24 06:40	48	24	72	3	12.0	81	1.9	348	19
01/10/24 06:45	48	24	71	3	12.0	81	2.0	338	18
01/10/24 06:50	46	24	71	3	12.1	81	1.8	332	24
01/10/24 06:55	42	26	68	2	12.3	80	1.9	324	22
01/10/24 07:00	38	27	65	2	12.4	79	1.7	346	20

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/10/24 07:05	36	26	62	2	12.6	79	1.7	345	20
01/10/24 07:10	37	26	62	2	12.6	78	1.5	359	21
01/10/24 07:15	37	26	63	2	12.7	78	1.4	357	21
01/10/24 07:20	38	26	64	2	12.9	77	1.4	3	21
01/10/24 07:25	39	26	65	3	13.1	77	1.9	358	16
01/10/24 07:30	40	26	66	3	13.2	76	1.7	358	18
01/10/24 07:35	40	25	66	3	13.4	75	1.4	0	19
01/10/24 07:40	40	25	65	3	13.5	75	1.3	345	22
01/10/24 07:45	39	26	65	3	13.6	74	1.3	337	21
01/10/24 07:50	40	26	65	3	13.7	74	1.2	327	25
01/10/24 07:55	40	26	66	3	13.8	74	0.8	323	31
01/10/24 08:00	41	26	67	3	14.0	74	0.9	330	26
01/10/24 08:05	42	26	69	3	14.2	73	1.2	308	22
01/10/24 08:10	41	26	67	3	14.4	72	1.4	282	20
01/10/24 08:15	31	22	53	3	14.5	71	2.5	295	22
01/10/24 08:20	15	23	38	3	14.7	72	2.9	268	13
01/10/24 08:25	9	20	28	3	14.6	74	2.3	269	11
01/10/24 08:30	8	14	22	3	14.7	72	2.2	266	9
01/10/24 08:35	5	11	16	3	15.0	72	2.7	270	13
01/10/24 08:40	4	11	15	3	15.0	71	3.0	273	14
01/10/24 08:45	3	9	13	3	15.0	71	3.9	261	5
01/10/24 08:50	3	9	12	3	15.0	70	3.0	257	5
01/10/24 08:55	4	9	13	3	15.0	70	2.5	274	13
01/10/24 09:00	4	10	13	3	15.2	69	2.3	271	13
01/10/24 09:05	4	10	14	3	15.3	69	2.8	248	11
01/10/24 09:10	4	10	14	3	15.3	68	1.4	244	20
01/10/24 09:15	4	11	15	3	15.6	68	1.4	237	10
01/10/24 09:20	4	12	16	3	15.6	68	0.7	302	35
01/10/24 09:25	4	13	17	3	15.7	67	1.5	250	12
01/10/24 09:30	5	14	18	3	15.7	68	2.1	265	15
01/10/24 09:35	5	13	19	3	15.7	70	1.8	259	12
01/10/24 09:40	5	13	18	3	15.9	68	2.4	246	20
01/10/24 09:45	5	12	18	3	16.1	67	2.1	247	12
01/10/24 09:50	5	11	17	3	16.0	66	2.5	238	15
01/10/24 09:55	5	11	16	3	16.0	67	1.9	240	16
01/10/24 10:00	5	11	15	3	16.0	67	3.0	233	16
01/10/24 10:05	4	10	14	3	15.8	71	3.4	223	7
01/10/24 10:10	3	7	10	3	15.6	73	3.3	207	7
01/10/24 10:15	3	2	5	3	15.5	74	3.4	214	5
01/10/24 10:20	2	1	3	3	15.6	73	3.1	205	6
01/10/24 10:25	2	2	3	2	15.8	73	2.7	189	11
01/10/24 10:30	2	3	5	2	16.1	73	1.9	169	18
01/10/24 10:35	2	5	7	2	16.5	72	1.7	169	18
01/10/24 10:40	2	6	8	2	16.4	71	2.0	168	17
01/10/24 10:45	2	6	8	2	16.3	72	2.7	188	12
01/10/24 10:50	2	7	9	2	15.6	75	5.7	203	10
01/10/24 10:55	2	6	7	2	14.6	81	7.0	204	5
01/10/24 11:00	1	2	3	2	14.2	84	5.8	207	8
01/10/24 11:05	1	0	1	2	13.9	85	4.6	215	7
01/10/24 11:10	1	1	1	2	13.9	84	3.4	217	5
01/10/24 11:15	1	1	2	2	14.1	83	2.9	202	9
01/10/24 11:20	1	1	2	2	14.3	81	2.4	205	7
01/10/24 11:25	1	1	2	2	14.6	79	1.6	202	10
01/10/24 11:30	1	1	2	2	15.0	77	0.7	205	36
01/10/24 11:35	1	1	2	2	15.6	75	0.8	130	23
01/10/24 11:40	1	1	2	2	16.2	73	1.2	131	16
01/10/24 11:45	1	1	2	2	16.8	70	1.2	134	18
01/10/24 11:50	0	1	2	2	17.1	68	1.4	117	13
01/10/24 11:55	0	1	1	2	16.8	70	1.7	113	14
01/10/24 12:00	0	1	1	2	16.4	72	2.3	105	9
01/10/24 12:05	0	1	1	2	16.0	72	1.9	104	10
01/10/24 12:10	0	1	1	2	16.0	72	0.7	114	30
01/10/24 12:15	0	1	1	2	16.2	71	0.7	127	27
01/10/24 12:20	0	1	1	2	16.6	70	0.8	169	39
01/10/24 12:25	0	1	1	2	16.6	67	1.2	166	24
01/10/24 12:30	0	1	1	2	16.6	67	2.5	194	14
01/10/24 12:35	1	3	3	2	16.2	69	2.9	204	10
01/10/24 12:40	3	22	25	2	16.0	71	2.6	215	8
01/10/24 12:45	5	9	14	2	16.0	68	3.1	217	11
01/10/24 12:50	2	0	2	2	16.4	68	3.7	209	12
01/10/24 12:55	2	4	6	2	16.8	68	2.3	174	23
01/10/24 13:00	2	7	9	2	16.8	70	1.7	153	27
01/10/24 13:05	2	1	2	2	16.3	72	3.6	136	14
01/10/24 13:10	1	1	1	2	15.8	75	3.2	130	12
01/10/24 13:15	1	1	1	2	15.9	75	2.5	128	15
01/10/24 13:20	0	1	1	2	16.2	75	2.8	132	13
01/10/24 13:25	0	1	1	2	16.0	75	3.1	139	14
01/10/24 13:30	1	1	2	2	16.0	74	1.7	159	28
01/10/24 13:35	1	1	2	2	16.4	73	1.7	158	27
01/10/24 13:40	1	1	2	2	16.7	71	2.6	164	16
01/10/24 13:45	1	1	2	2	16.8	69	2.9	165	16
01/10/24 13:50	1	1	2	2	16.9	69	1.9	167	22
01/10/24 13:55	1	1	2	2	17.1	68	2.3	162	24
01/10/24 14:00	0	1	2	2	17.2	67	2.2	163	23

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/10/24 14:05	0	1	2	2	16.9	68	2.8	162	20
01/10/24 14:10	0	2	2	2	16.9	69	1.8	158	31
01/10/24 14:15	0	2	2	2	17.0	69	1.7	165	31
01/10/24 14:20	0	2	2	2	17.0	69	1.7	164	35
01/10/24 14:25	0	2	2	2	17.0	69	1.9	154	33
01/10/24 14:30	0	2	2	2	17.2	68	2.0	161	33
01/10/24 14:35	0	2	2	2	17.2	68	1.9	162	28
01/10/24 14:40	0	2	2	2	17.2	68	1.9	159	33
01/10/24 14:45	1	2	2	2	17.1	68	2.3	154	28
01/10/24 14:50	1	2	3	2	17.1	68	2.5	160	23
01/10/24 14:55	1	2	2	2	17.0	69	2.4	161	24
01/10/24 15:00	1	2	2	2	17.2	67	2.7	163	20
01/10/24 15:05	1	2	3	2	17.3	65	3.1	170	16
01/10/24 15:10	1	2	2	2	17.4	66	2.8	160	24
01/10/24 15:15	1	2	2	2	17.5	66	2.9	162	18
01/10/24 15:20	1	1	2	2	17.3	67	3.1	167	18
01/10/24 15:25	1	1	2	2	17.3	67	2.8	165	20
01/10/24 15:30	1	1	2	2	17.2	67	2.7	159	25
01/10/24 15:35	0	1	2	2	17.1	67	3.0	165	18
01/10/24 15:40	0	1	1	2	17.1	67	2.7	165	18
01/10/24 15:45	0	1	1	2	17.2	66	2.8	172	16
01/10/24 15:50	0	1	1	2	17.4	66	2.8	166	18
01/10/24 15:55	0	1	1	2	17.1	66	3.1	171	15
01/10/24 16:00	0	1	1	2	16.9	66	3.4	170	14
01/10/24 16:05	0	1	2	2	16.5	69	3.1	165	18
01/10/24 16:10	0	1	2	2	16.3	69	3.3	169	15
01/10/24 16:15	0	1	2	2	16.2	70	3.3	167	19
01/10/24 16:20	0	1	2	2	16.3	70	3.1	164	16
01/10/24 16:25	0	1	2	3	16.2	70	2.8	170	18
01/10/24 16:30	0	1	1	3	16.5	69	2.8	171	16
01/10/24 16:35	0	1	2	3	16.6	68	2.8	165	16
01/10/24 16:40	0	1	2	2	16.5	70	2.8	173	15
01/10/24 16:45	0	1	2	2	16.4	69	2.6	179	14
01/10/24 16:50	0	1	2	2	16.4	71	2.4	178	15
01/10/24 16:55	0	1	2	2	16.2	71	2.6	178	14
01/10/24 17:00	0	1	2	2	16.1	72	2.6	179	13
01/10/24 17:05	0	1	2	2	15.9	73	3.0	180	15
01/10/24 17:10	0	1	1	2	15.7	74	3.3	178	14
01/10/24 17:15	0	1	1	2	15.5	75	3.2	180	13
01/10/24 17:20	0	1	2	2	15.4	75	2.9	179	13
01/10/24 17:25	0	1	2	2	15.3	76	2.7	179	14
01/10/24 17:30	0	2	2	2	15.3	76	3.1	182	11
01/10/24 17:35	0	2	2	2	15.3	76	2.7	178	15
01/10/24 17:40	0	2	2	2	15.3	77	2.5	179	14
01/10/24 17:45	0	2	2	2	15.3	77	2.6	181	15
01/10/24 17:50	0	1	2	2	15.2	77	2.2	176	16
01/10/24 17:55	0	1	1	2	15.2	76	2.8	178	12
01/10/24 18:00	0	1	1	2	15.2	77	2.5	180	13
01/10/24 18:05	0	1	1	2	15.2	76	2.4	171	15
01/10/24 18:10	0	1	1	2	15.3	77	2.2	172	15
01/10/24 18:15	0	1	1	2	15.2	76	2.4	183	13
01/10/24 18:20	0	1	1	2	15.1	77	2.3	179	17
01/10/24 18:25	0	1	1	2	15.1	77	2.1	177	16
01/10/24 18:30	0	1	1	2	15.2	77	2.3	176	18
01/10/24 18:35	0	1	1	2	15.2	78	2.6	182	13
01/10/24 18:40	0	1	1	2	15.1	77	2.8	180	13
01/10/24 18:45	0	1	1	2	15.0	78	2.7	178	12
01/10/24 18:50	0	1	1	3	15.0	78	2.6	181	11
01/10/24 18:55	0	1	1	3	15.1	77	3.0	181	14
01/10/24 19:00	0	1	1	3	15.0	77	2.7	181	11
01/10/24 19:05	0	1	1	2	15.0	77	3.4	182	9
01/10/24 19:10	0	1	1	2	14.9	77	3.4	185	10
01/10/24 19:15	0	1	1	2	14.9	77	3.3	183	12
01/10/24 19:20	0	1	1	2	14.9	78	3.1	181	10
01/10/24 19:25	0	1	1	2	14.9	78	2.7	179	14
01/10/24 19:30	0	1	1	2	14.9	78	2.6	180	12
01/10/24 19:35	0	1	1	2	14.8	78	2.8	184	10
01/10/24 19:40	0	1	1	2	14.8	78	2.8	178	13
01/10/24 19:45	0	1	0	2	14.7	77	3.3	180	11
01/10/24 19:50	0	1	0	2	14.8	77	3.4	180	11
01/10/24 19:55	0	1	1	2	14.7	76	3.8	181	11
01/10/24 20:00	0	1	1	2	14.8	73	4.2	181	10
01/10/24 20:05	0	1	1	2	14.6	72	3.7	181	14
01/10/24 20:10	0	1	1	2	14.7	72	4.3	182	11
01/10/24 20:15	0	1	1	3	14.7	73	4.2	186	10
01/10/24 20:20	0	0	0	3	14.6	73	4.4	184	9
01/10/24 20:25	0	0	0	3	14.7	73	4.7	182	10
01/10/24 20:30	0	0	0	2	14.7	74	3.7	181	14
01/10/24 20:35	0	0	0	2	14.7	74	2.9	177	13
01/10/24 20:40	0	0	0	2	14.8	75	2.1	168	28
01/10/24 20:45	0	1	1	2	14.6	75	2.6	164	22
01/10/24 20:50	0	1	1	2	14.6	75	2.5	162	21
01/10/24 20:55	0	1	1	2	14.6	75	2.5	165	23
01/10/24 21:00	0	2	2	2	14.5	76	2.5	166	22

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/10/24 21:05	0	2	2	2	14.5	76	2.5	169	18
01/10/24 21:10	0	2	2	2	14.4	77	2.9	180	13
01/10/24 21:15	0	2	2	2	14.3	80	3.1	183	8
01/10/24 21:20	0	2	2	2	14.2	82	2.4	179	13
01/10/24 21:25	0	2	2	2	14.1	80	1.8	153	28
01/10/24 21:30	0	1	2	2	14.1	78	1.6	161	30
01/10/24 21:35	0	1	1	2	14.1	78	2.0	168	23
01/10/24 21:40	0	1	1	2	14.1	78	1.9	167	18
01/10/24 21:45	0	1	1	2	14.1	79	1.8	173	20
01/10/24 21:50	0	1	1	2	14.1	79	1.9	178	15
01/10/24 21:55	0	1	1	2	14.0	79	1.7	180	12
01/10/24 22:00	0	1	1	2	14.1	79	1.6	168	24
01/10/24 22:05	0	1	1	2	14.1	79	1.6	173	17
01/10/24 22:10	0	1	1	2	14.0	80	1.9	182	12
01/10/24 22:15	0	1	1	2	14.0	81	1.8	173	17
01/10/24 22:20	0	1	1	2	14.0	79	1.8	127	27
01/10/24 22:25	0	1	1	2	13.9	77	2.4	113	10
01/10/24 22:30	0	1	1	1	13.9	77	3.0	107	7
01/10/24 22:35	0	2	2	2	13.9	77	2.3	110	13
01/10/24 22:40	0	2	2	2	13.8	77	1.6	110	10
01/10/24 22:45	0	3	2	2	13.8	78	1.8	103	12
01/10/24 22:50	0	3	3	2	13.7	77	2.4	93	6
01/10/24 22:55	0	4	4	2	13.6	77	2.5	93	5
01/10/24 23:00	0	5	5	2	13.5	78	2.2	97	12
01/10/24 23:05	0	5	5	2	13.5	78	2.2	97	7
01/10/24 23:10	0	5	5	1	13.5	79	2.4	98	5
01/10/24 23:15	0	5	5	1	13.6	79	2.4	101	7
01/10/24 23:20	0	5	5	1	13.5	80	2.2	107	11
01/10/24 23:25	0	5	5	1	13.5	80	2.3	108	8
01/10/24 23:30	0	5	5	2	13.6	80	1.9	107	12
01/10/24 23:35	0	5	5	1	13.5	80	2.0	110	12
01/10/24 23:40	0	5	5	1	13.4	80	1.7	122	16
01/10/24 23:45	0	4	5	1	13.4	79	2.3	129	12
01/10/24 23:50	0	4	4		13.4	80	1.6	119	19
01/10/24 23:55	0	4	4		13.4	80	2.3	126	12
02/10/24 00:00	0	4	4	1	13.3	79	2.4	128	13
02/10/24 00:05	0	3	4	2	13.3	79	2.1	130	13
02/10/24 00:10	0	3	4	2	13.3	80	1.4	124	19
02/10/24 00:15	0	3	4	2	13.3	80	1.3	119	22
02/10/24 00:20	0	3	3	3	13.2	81	1.2	114	20
02/10/24 00:25	0	3	3	3	13.2	82	1.5	114	19
02/10/24 00:30	0	3	3	3	13.2	81	1.8	104	12
02/10/24 00:35	0	4	4	3	13.1	82	1.9	96	5
02/10/24 00:40	0	5	5	3	13.0	81	2.0	94	9
02/10/24 00:45	0	5	5	3	13.0	81	2.2	97	5
02/10/24 00:50	0	5	5	3	13.0	82	1.8	105	13
02/10/24 00:55	0	5	5	3	13.2	82	1.7	114	15
02/10/24 01:00	0	4	4	3	13.2	82	1.8	111	17
02/10/24 01:05					13.2	82	1.8	116	19
02/10/24 01:10					13.2	82	1.7	116	20
02/10/24 01:15					13.1	82	2.3	122	15
02/10/24 01:20					13.2	82	2.3	126	18
02/10/24 01:25					13.2	83	2.3	128	17
02/10/24 01:30					13.1	83	2.0	118	19
02/10/24 01:35					13.0	83	1.9	123	20
02/10/24 01:40					12.9	83	1.9	118	20
02/10/24 01:45					12.7	83	1.6	113	20
02/10/24 01:50					12.7	84	1.7	111	17
02/10/24 01:55					12.7	85	2.3	107	9
02/10/24 02:00					12.7	85	1.8	111	12
02/10/24 02:05	0	5	5	2	12.5	85	1.6	104	13
02/10/24 02:10	0	6	6	2	12.5	86	1.6	113	17
02/10/24 02:15	0	6	7	2	12.4	86	1.8	129	20
02/10/24 02:20	0	7	7	2	12.3	86	1.9	120	18
02/10/24 02:25	0	8	8	2	12.3	86	1.8	113	14
02/10/24 02:30	0	8	8	2	12.3	87	2.3	110	14
02/10/24 02:35	0	9	9	1	12.2	87	2.8	108	9
02/10/24 02:40	0	9	9	2	12.3	87	2.5	111	9
02/10/24 02:45	0	9	9	1	12.3	87	2.1	110	12
02/10/24 02:50	0	9	9	1	12.2	87	2.1	103	10
02/10/24 02:55	0	9	9	1	12.2	87	2.1	107	14
02/10/24 03:00	0	9	9	1	12.1	87	1.9	107	15
02/10/24 03:05	0	8	9	1	12.0	87	1.7	117	20
02/10/24 03:10	0	8	8	2	12.0	86	2.2	113	15
02/10/24 03:15	0	8	8	2	12.0	85	3.7	109	5
02/10/24 03:20	0	9	9	2	11.9	85	2.1	98	7
02/10/24 03:25	0	10	10	2	11.6	85	2.7	96	6
02/10/24 03:30	0	12	12	2	11.5	85	2.8	98	4
02/10/24 03:35	0	15	16	2	11.6	85	2.7	98	6
02/10/24 03:40	0	18	18	2	11.7	86	2.9	100	5
02/10/24 03:45	0	18	18	2	11.6	85	3.0	95	6
02/10/24 03:50	0	17	17	2	11.5	85	3.1	100	5
02/10/24 03:55	0	16	16	2	11.6	85	2.9	101	5
02/10/24 04:00	0	14	14	2	11.6	83	2.5	98	6

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/10/24 04:05	0	13	13	2	11.4	83	2.3	99	6
02/10/24 04:10	0	11	12	2	11.4	84	2.8	100	7
02/10/24 04:15	0	11	11	2	11.4	84	2.8	100	5
02/10/24 04:20	0	11	11	2	11.3	84	2.8	96	6
02/10/24 04:25	0	11	11	2	11.2	84	2.4	93	4
02/10/24 04:30	0	10	11	2	11.1	84	2.7	95	6
02/10/24 04:35	0	10	10	2	11.2	84	2.8	101	5
02/10/24 04:40	0	10	10	2	11.2	83	2.5	97	7
02/10/24 04:45	0	10	10	2	11.1	83	2.4	99	7
02/10/24 04:50	0	9	9	2	11.3	83	2.8	101	5
02/10/24 04:55	0	9	9	2	11.3	82	2.7	101	6
02/10/24 05:00	0	9	9	2	11.2	82	2.6	101	6
02/10/24 05:05	0	8	8	2	11.2	81	2.3	100	5
02/10/24 05:10	0	8	8	2	11.1	81	2.0	100	7
02/10/24 05:15	0	8	8	2	11.1	82	2.1	104	6
02/10/24 05:20	0	7	7	2	11.1	83	2.1	106	7
02/10/24 05:25	0	7	7	2	11.3	83	2.2	104	6
02/10/24 05:30	0	7	7	2	11.4	84	1.9	104	10
02/10/24 05:35	0	7	7	2	11.4	85	2.1	107	10
02/10/24 05:40	0	7	7	2	11.4	85	2.4	111	8
02/10/24 05:45	0	6	7	2	11.5	85	2.2	105	12
02/10/24 05:50	0	7	7	2	11.2	84	2.4	99	5
02/10/24 05:55	0	7	7	2	11.1	85	2.1	99	8
02/10/24 06:00	0	8	8	2	10.9	84	2.3	93	7
02/10/24 06:05	0	9	9	2	10.9	83	2.0	93	6
02/10/24 06:10	0	10	10	2	10.8	83	2.0	93	8
02/10/24 06:15	0	10	10	2	10.9	82	1.7	96	10
02/10/24 06:20	0	11	11	2	10.9	81	2.0	96	6
02/10/24 06:25	0	11	11	2	11.1	82	1.9	101	7
02/10/24 06:30	1	11	12	2	11.3	82	1.9	105	7
02/10/24 06:35	1	11	12	2	11.4	81	2.0	98	6
02/10/24 06:40	1	12	13	2	11.4	79	2.0	103	7
02/10/24 06:45	2	12	14	2	11.6	80	2.0	99	7
02/10/24 06:50	2	13	15	2	11.7	78	2.2	93	6
02/10/24 06:55	3	14	17	2	11.6	78	2.5	93	7
02/10/24 07:00	3	15	18	2	11.7	78	2.1	99	8
02/10/24 07:05	3	14	17	2	12.1	76	1.7	100	9
02/10/24 07:10	4	13	17	2	12.4	74	1.8	104	9
02/10/24 07:15	3	13	16	2	12.7	73	2.6	105	7
02/10/24 07:20	4	12	16	2	12.9	71	2.6	105	6
02/10/24 07:25	3	11	15	2	13.1	69	2.8	108	8
02/10/24 07:30	3	11	14	2	13.2	70	2.0	113	15
02/10/24 07:35	3	10	14	2	13.4	68	3.2	111	8
02/10/24 07:40	3	10	13	2	13.4	67	2.4	115	13
02/10/24 07:45	3	10	13	2	13.6	67	2.5	111	11
02/10/24 07:50	4	10	14	2	13.7	66	2.7	110	7
02/10/24 07:55	4	10	13	2	13.8	65	2.3	108	10
02/10/24 08:00	4	9	13	2	14.0	63	2.4	110	11
02/10/24 08:05	3	9	12	2	14.1	62	3.0	103	10
02/10/24 08:10	3	8	11	2	14.1	61	2.3	108	10
02/10/24 08:15	3	7	10	2	14.2	60	1.8	117	15
02/10/24 08:20	3	7	9	2	14.3	60	1.8	119	17
02/10/24 08:25	2	6	9	2	14.4	58	2.1	109	14
02/10/24 08:30	2	5	8	2	14.7	58	1.3	124	23
02/10/24 08:35	2	5	7	2	14.9	57	2.2	111	10
02/10/24 08:40	2	5	7	2	14.7	57	2.7	124	16
02/10/24 08:45	2	5	7	2	14.5	58	1.9	133	19
02/10/24 08:50	2	5	7	2	14.4	59	2.2	142	19
02/10/24 08:55	2	5	7	2	14.5	58	2.3	134	21
02/10/24 09:00	2	5	7	2	14.5	58	2.1	130	18
02/10/24 09:05	2	5	7	2	14.6	59	2.0	145	23
02/10/24 09:10	2	5	7	2	14.6	59	2.2	142	23
02/10/24 09:15	2	5	7	2	14.9	60	1.7	164	27
02/10/24 09:20	2	5	8	2	15.2	65	1.9	177	19
02/10/24 09:25	3	7	10	2	15.3	65	1.7	178	16
02/10/24 09:30	5	15	19	2	15.0	66	2.2	189	12
02/10/24 09:35	6	12	18	2	15.0	64	1.9	187	15
02/10/24 09:40	6	10	15	2	14.7	64	2.4	187	14
02/10/24 09:45	5	8	13	2	15.0	61	2.1	187	13
02/10/24 09:50	4	6	10	2	15.2	59	2.1	176	18
02/10/24 09:55	4	6	9	2	15.3	60	2.1	183	14
02/10/24 10:00	4	6	9	2	15.5	60	2.4	181	15
02/10/24 10:05	4	6	9	2	15.4	60	2.2	182	15
02/10/24 10:10	4	7	11	2	15.4	61	2.5	188	16
02/10/24 10:15	5	7	11	2	15.0	63	3.0	182	15
02/10/24 10:20	7	13	20	2	15.0	63	2.9	185	10
02/10/24 10:25	9	8	18	2	15.0	63	3.0	183	15
02/10/24 10:30	5	5	10	2	15.0	63	3.1	181	14
02/10/24 10:35	4	6	10	2	14.7	64	2.9	184	14
02/10/24 10:40	5	7	12	2	14.9	63	3.1	184	15
02/10/24 10:45	6	9	15	2	14.9	63	3.2	185	13
02/10/24 10:50	5	5	11	2	14.8	64	3.5	183	11
02/10/24 10:55	5	7	11	2	14.6	64	3.7	187	12
02/10/24 11:00	5	9	15	2	14.4	66	3.5	187	12

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/10/24 11:05	7	15	22	2	14.7	65	3.1	181	14
02/10/24 11:10	10	13	22	2	14.8	63	3.6	190	10
02/10/24 11:15	7	11	18	2	14.6	65	3.8	191	11
02/10/24 11:20	6	5	12	2	14.1	68	4.5	193	7
02/10/24 11:25	4	7	11	2	14.1	68	4.2	195	7
02/10/24 11:30	10	13	23	2	13.9	68	4.6	195	6
02/10/24 11:35	2	4	6	2	13.7	68	4.7	195	4
02/10/24 11:40	2	3	5	2	13.7	68	5.0	195	5
02/10/24 11:45	2	3	5	2	13.7	68	5.0	193	4
02/10/24 11:50	2	3	5	2	13.7	69	4.4	195	8
02/10/24 11:55	2	3	5	2	13.8	69	4.7	197	5
02/10/24 12:00	2	3	5	2	13.7	69	4.9	196	5
02/10/24 12:05	2	4	6	2	13.9	67	4.7	194	6
02/10/24 12:10	2	4	6	2	13.9	67	5.0	195	5
02/10/24 12:15	3	5	7	2	13.8	67	5.4	194	4
02/10/24 12:20	3	5	7	2	13.8	68	5.5	194	3
02/10/24 12:25	3	6	8	2	13.9	68	5.4	196	4
02/10/24 12:30	3	4	7	2	13.8	68	5.1	194	4
02/10/24 12:35	3	4	7	2	14.0	69	4.6	198	4
02/10/24 12:40	2	2	5	2	13.9	71	4.9	198	4
02/10/24 12:45	2	2	4	2	13.8	69	5.0	197	4
02/10/24 12:50	2	2	4	2	13.9	69	5.3	195	4
02/10/24 12:55	2	4	6	2	13.9	68	5.2	196	5
02/10/24 13:00	2	3	5	2	14.0	69	5.3	198	4
02/10/24 13:05	2	3	5	2	13.9	70	4.9	198	4
02/10/24 13:10	2	2	4	2	13.9	70	5.3	199	3
02/10/24 13:15	1	1	3	2	14.0	71	5.5	201	3
02/10/24 13:20	1	1	2	2	14.0	70	5.5	199	3
02/10/24 13:25	1	1	2	2	14.0	71	5.4	199	3
02/10/24 13:30	1	1	2	2	14.1	71	5.5	200	4
02/10/24 13:35	1	1	2	2	14.2	71	5.4	200	5
02/10/24 13:40	1	1	2	2	14.1	71	5.6	200	4
02/10/24 13:45	0	1	2	2	14.1	71	5.5	197	4
02/10/24 13:50	1	1	2	2	14.2	70	5.6	202	4
02/10/24 13:55	0	1	2	2	14.2	71	5.8	201	4
02/10/24 14:00	0	1	2	2	14.3	71	5.2	199	3
02/10/24 14:05	0	1	2	2	14.3	70	5.7	200	3
02/10/24 14:10	0	2	2	1	14.3	70	5.3	199	4
02/10/24 14:15	0	2	2	1	14.4	71	5.5	201	4
02/10/24 14:20	0	1	2	1	14.4	70	5.6	200	5
02/10/24 14:25	0	2	2	1	14.4	71	5.5	202	3
02/10/24 14:30	1	1	2	2	14.5	71	5.2	201	5
02/10/24 14:35	1	1	2	2	14.5	71	5.7	203	3
02/10/24 14:40	1	1	2	2	14.5	71	5.4	202	3
02/10/24 14:45	0	1	2	2	14.5	70	5.6	202	3
02/10/24 14:50	0	1	2	2	14.6	71	5.5	203	5
02/10/24 14:55	0	1	2	2	14.6	70	5.7	200	4
02/10/24 15:00	0	1	2	2	14.7	71	5.6	201	4
02/10/24 15:05	0	1	1	2	14.7	72	5.9	202	4
02/10/24 15:10	0	1	1	2	14.6	72	6.2	202	4
02/10/24 15:15	0	1	2	2	14.6	73	5.9	200	4
02/10/24 15:20	0	1	2	2	14.6	72	6.1	204	4
02/10/24 15:25	1	2	2	2	14.6	72	5.9	203	4
02/10/24 15:30	2	4	6	2	14.6	72	6.2	200	4
02/10/24 15:35	1	1	3	2	14.7	73	5.6	203	5
02/10/24 15:40	1	2	3	2	14.8	73	5.7	205	5
02/10/24 15:45	1	2	3	2	14.8	73	6.1	204	4
02/10/24 15:50	1	2	2	2	14.8	74	5.9	203	4
02/10/24 15:55	1	2	2	2	14.9	74	6.1	202	4
02/10/24 16:00	1	2	2	2	14.9	74	5.7	201	5
02/10/24 16:05	1	2	2	2	15.0	75	5.7	200	5
02/10/24 16:10	1	2	2	2	15.2	75	5.8	199	4
02/10/24 16:15	2	2	4	2	15.1	74	5.9	200	3
02/10/24 16:20	3	5	8	2	15.0	75	5.8	203	5
02/10/24 16:25	0	2	2	2	15.1	75	5.6	202	5
02/10/24 16:30	1	2	3	2	15.1	76	5.5	203	4
02/10/24 16:35	1	3	4	2	15.2	77	5.5	201	4
02/10/24 16:40	1	5	6	2	15.3	76	5.6	196	4
02/10/24 16:45	3	9	12	2	15.5	75	5.5	195	5
02/10/24 16:50	0	1	1	2	15.6	74	5.8	196	5
02/10/24 16:55	0	1	1	2	15.7	73	5.5	194	6
02/10/24 17:00	0	1	1	2	15.8	73	4.9	192	8
02/10/24 17:05	0	1	2	2	16.0	73	4.4	193	8
02/10/24 17:10	1	2	3	2	16.0	72	4.4	190	9
02/10/24 17:15	1	2	3	2	16.1	71	4.8	190	8
02/10/24 17:20	1	2	3	2	15.9	73	4.8	194	7
02/10/24 17:25	15	4	19	2	16.0	73	4.1	192	9
02/10/24 17:30	33	27	59	2	16.1	72	4.1	190	8
02/10/24 17:35	10	20	30	2	16.1	72	3.9	187	12
02/10/24 17:40	6	16	22	2	16.0	72	4.0	186	9
02/10/24 17:45	3	11	14	2	15.9	73	4.0	184	12
02/10/24 17:50	0	3	3	2	15.8	74	4.1	186	9
02/10/24 17:55	0	2	2	2	15.7	75	4.0	186	10
02/10/24 18:00	0	2	2	2	15.6	76	3.5	186	10

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/10/24 18:05	0	2	2	2	15.5	75	4.0	183	14
02/10/24 18:10	0	2	2	2	15.2	75	3.9	183	11
02/10/24 18:15	0	2	2	2	15.2	75	4.2	182	13
02/10/24 18:20	0	1	2	2	15.0	75	3.9	183	12
02/10/24 18:25	0	1	2	2	15.0	76	3.6	184	12
02/10/24 18:30	0	1	2	2	14.8	76	3.7	181	16
02/10/24 18:35	0	1	2	2	14.8	76	3.8	180	12
02/10/24 18:40	0	1	2	2	14.7	76	3.9	182	13
02/10/24 18:45	0	2	2	2	14.7	76	4.0	181	12
02/10/24 18:50	0	2	2	2	14.6	76	4.5	183	11
02/10/24 18:55	0	2	2	2	14.6	77	3.8	182	14
02/10/24 19:00	0	2	2	2	14.6	78	3.3	179	11
02/10/24 19:05	0	2	2	2	14.6	78	2.9	178	15
02/10/24 19:10	0	2	2	2	14.6	79	2.5	178	13
02/10/24 19:15	0	2	2	2	14.5	80	2.4	169	23
02/10/24 19:20	0	2	2	2	14.5	77	2.2	160	28
02/10/24 19:25	0	2	2	2	14.6	75	1.7	159	36
02/10/24 19:30	0	2	2	2	14.5	76	1.6	166	31
02/10/24 19:35	0	2	2	2	14.5	76	2.0	158	23
02/10/24 19:40	0	2	2	2	14.5	76	1.7	159	31
02/10/24 19:45	0	3	3	2	14.4	75	2.3	146	20
02/10/24 19:50	0	3	3	2	14.4	75	1.6	159	29
02/10/24 19:55	0	3	3	2	14.3	74	1.8	151	25
02/10/24 20:00	0	3	3	2	14.2	74	1.4	160	29
02/10/24 20:05	0	4	3	2	14.3	75	1.8	166	19
02/10/24 20:10	0	4	4	2	14.3	76	1.6	161	20
02/10/24 20:15	0	4	4	2	14.1	76	1.7	165	19
02/10/24 20:20	0	4	4	2	14.1	76	1.3	176	18
02/10/24 20:25	0	4	4	2	14.2	77	1.4	179	18
02/10/24 20:30	0	4	4	2	14.1	77	1.4	177	16
02/10/24 20:35	0	4	4	2	14.1	77	1.3	181	15
02/10/24 20:40	0	4	4	2	13.9	77	1.4	177	13
02/10/24 20:45	0	4	4	2	13.9	76	1.4	182	13
02/10/24 20:50	0	4	4	2	13.8	76	1.5	186	10
02/10/24 20:55	0	4	4	2	13.9	77	1.5	193	9
02/10/24 21:00	0	4	4	2	13.9	76	1.6	187	9
02/10/24 21:05	0	4	4	2	13.8	76	2.0	190	7
02/10/24 21:10	0	4	4	2	13.7	77	1.8	183	7
02/10/24 21:15	0	4	4	2	13.7	77	1.6	183	12
02/10/24 21:20	0	3	4	2	13.6	77	1.7	186	7
02/10/24 21:25	0	3	3	2	13.6	78	1.4	183	13
02/10/24 21:30	0	3	3	2	13.6	77	1.7	189	7
02/10/24 21:35	0	3	3	2	13.6	78	1.4	191	8
02/10/24 21:40	0	3	3	2	13.6	77	1.6	191	5
02/10/24 21:45	0	3	3	2	13.6	77	1.1	194	10
02/10/24 21:50	0	3	3	2	13.6	78	1.4	194	7
02/10/24 21:55	0	3	3	2	13.6	78	1.4	196	8
02/10/24 22:00	0	3	3	2	13.6	78	1.6	202	7
02/10/24 22:05	0	3	3	2	13.7	78	1.8	204	6
02/10/24 22:10	0	3	3	2	13.7	78	1.5	208	11
02/10/24 22:15	0	3	3	2	13.7	79	1.5	216	9
02/10/24 22:20	0	3	4	2	13.7	79	1.8	217	11
02/10/24 22:25	0	3	3	2	13.6	78	1.8	211	7
02/10/24 22:30	0	4	4	2	13.6	78	1.6	209	7
02/10/24 22:35	0	4	4	2	13.6	79	1.7	224	10
02/10/24 22:40	0	4	4	2	13.6	79	1.8	225	8
02/10/24 22:45	0	6	6	2	13.6	78	1.6	235	6
02/10/24 22:50	0	7	8	2	13.7	79	1.8	252	10
02/10/24 22:55	0	16	16	2	13.5	80	1.7	273	14
02/10/24 23:00	1	25	26	2	13.1	82	1.7	277	14
02/10/24 23:05	1	25	26	2	12.9	84	1.3	281	15
02/10/24 23:10	2	25	26	2	12.7	85	1.6	278	12
02/10/24 23:15	3	25	28	2	12.7	85	1.5	280	11
02/10/24 23:20	3	26	29	2	12.7	86	1.5	279	16
02/10/24 23:25	4	26	29	2	12.7	86	1.6	279	17
02/10/24 23:30	4	26	30	2	12.6	85	1.7	282	10
02/10/24 23:35	4	26	30	2	12.5	85	2.1	285	11
02/10/24 23:40	4	26	30	2	12.5	85	2.2	282	11
02/10/24 23:45	5	26	31	2	12.5	84	1.8	284	15
02/10/24 23:50	6	26	32		12.3	84	1.6	290	14
02/10/24 23:55	11	25	35		12.2	84	1.8	295	12
03/10/24 00:00	16	24	40	2	12.0	84	1.7	306	10
03/10/24 00:05	18	26	44	2	11.8	84	1.8	311	8
03/10/24 00:10	18	25	43	2	11.7	84	2.0	315	9
03/10/24 00:15	16	25	41	2	11.6	84	1.2	324	18
03/10/24 00:20	15	25	40	2	11.5	84	1.2	324	21
03/10/24 00:25	14	25	39	2	11.5	84	1.8	314	15
03/10/24 00:30	13	25	38	2	11.4	84	2.1	313	9
03/10/24 00:35	12	25	37	2	11.5	84	1.8	317	10
03/10/24 00:40	12	25	37	2	11.4	85	1.5	322	14
03/10/24 00:45	13	25	38	2	11.3	85	1.5	324	14
03/10/24 00:50	13	25	38	2	11.3	85	2.2	309	7
03/10/24 00:55	12	25	37	2	11.3	85	2.6	308	8
03/10/24 01:00	12	25	37	2	11.3	85	2.0	314	13

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/10/24 01:05					11.3	85	1.4	320	19
03/10/24 01:10					11.3	85	1.1	334	22
03/10/24 01:15					11.2	85	1.4	316	11
03/10/24 01:20					11.2	85	1.3	316	20
03/10/24 01:25					11.2	85	1.1	321	16
03/10/24 01:30					11.2	85	1.3	321	13
03/10/24 01:35					11.2	85	1.2	322	15
03/10/24 01:40					11.2	85	1.4	327	14
03/10/24 01:45					11.2	85	1.3	332	15
03/10/24 01:50					11.2	85	1.3	343	18
03/10/24 01:55					11.0	85	1.4	347	21
03/10/24 02:00					10.9	85	1.2	355	13
03/10/24 02:05	39	29	68	2	11.0	85	1.0	9	13
03/10/24 02:10	37	28	65	2	10.8	85	1.2	1	11
03/10/24 02:15	36	26	63	2	10.7	86	1.4	2	8
03/10/24 02:20	34	25	59	2	10.7	86	1.5	0	10
03/10/24 02:25	25	22	47	1	10.7	86	1.6	355	12
03/10/24 02:30	13	25	38	1	10.7	86	1.3	345	21
03/10/24 02:35	11	25	36	1	10.8	85	1.1	337	24
03/10/24 02:40	10	25	35	2	10.8	85	1.7	329	15
03/10/24 02:45	10	24	34	2	10.8	85	1.5	333	17
03/10/24 02:50	9	24	33	2	10.8	85	1.4	349	20
03/10/24 02:55	8	24	31	2	10.7	85	1.5	352	17
03/10/24 03:00	6	23	29	2	10.6	85	1.4	1	20
03/10/24 03:05	4	22	26	2	10.6	85	1.1	6	21
03/10/24 03:10	4	22	26	1	10.6	85	1.2	350	19
03/10/24 03:15	4	22	27	1	10.6	85	1.3	353	18
03/10/24 03:20	5	22	27	2	10.6	85	1.3	5	18
03/10/24 03:25	5	22	27	2	10.5	85	1.3	12	14
03/10/24 03:30	5	22	27	2	10.5	85	1.4	358	11
03/10/24 03:35	4	21	25	2	10.5	85	1.3	351	16
03/10/24 03:40	3	20	24	2	10.5	85	1.4	352	15
03/10/24 03:45	3	20	22	2	10.6	85	1.3	337	22
03/10/24 03:50	2	20	22	2	10.7	85	1.3	319	16
03/10/24 03:55	2	21	23	2	10.7	85	1.2	314	18
03/10/24 04:00	3	22	25	2	10.7	85	1.6	328	22
03/10/24 04:05	6	28	34	2	10.7	85	1.2	325	23
03/10/24 04:10	11	27	37	2	10.6	85	1.1	354	23
03/10/24 04:15	12	25	38	2	10.6	85	1.0	334	34
03/10/24 04:20	12	25	37	2	10.6	85	0.9	359	27
03/10/24 04:25	10	26	36	2	10.6	86	1.1	349	19
03/10/24 04:30	7	26	33	1	10.6	85	1.2	30	12
03/10/24 04:35	6	25	31	1	10.5	85	1.1	42	11
03/10/24 04:40	5	24	29	2	10.4	86	0.8	47	21
03/10/24 04:45	3	22	26	2	10.4	86	0.6	80	27
03/10/24 04:50	3	22	25	2	10.3	86	0.5	45	14
03/10/24 04:55	4	21	25	2	10.2	86	0.7	28	8
03/10/24 05:00	4	21	25	2	10.3	87	0.9	29	8
03/10/24 05:05	4	21	25	2	10.3	86	1.2	33	7
03/10/24 05:10	4	21	25	2	10.3	86	1.1	39	8
03/10/24 05:15	4	21	25	2	10.3	86	1.0	42	8
03/10/24 05:20	4	21	25	2	10.2	86	0.8	39	10
03/10/24 05:25	4	21	24	2	10.2	86	0.9	26	8
03/10/24 05:30	4	20	25	2	10.1	86	1.2	29	7
03/10/24 05:35	5	20	25	2	10.1	86	1.0	33	5
03/10/24 05:40	5	20	25	2	10.1	86	0.7	44	16
03/10/24 05:45	5	20	25	2	10.1	86	0.5	69	9
03/10/24 05:50	6	20	26	2	10.0	86	0.7	42	8
03/10/24 05:55	6	20	26	2	10.0	86	0.9	27	8
03/10/24 06:00	7	20	27	2	10.1	87	1.0	31	7
03/10/24 06:05	8	20	28	2	10.0	87	1.0	31	7
03/10/24 06:10	9	20	29	2	9.9	87	0.9	48	9
03/10/24 06:15	10	19	30	2	9.9	86	0.6	53	4
03/10/24 06:20	12	18	30	2	10.1	86	0.6	44	9
03/10/24 06:25	14	17	31	2	10.3	85	0.6	35	6
03/10/24 06:30	16	17	33	2	10.4	84	0.6	42	6
03/10/24 06:35	20	15	35	2	10.6	84	0.4	62	20
03/10/24 06:40	24	15	38	2	11.0	83	0.4	85	7
03/10/24 06:45	24	17	41	2	11.3	81	0.5	92	13
03/10/24 06:50	24	18	43	2	11.7	79	0.6	104	8
03/10/24 06:55	24	19	43	2	11.8	78	0.8	105	13
03/10/24 07:00	24	19	44	2	11.7	80	0.8	92	14
03/10/24 07:05	24	20	44	2	11.9	80	0.9	98	8
03/10/24 07:10	22	19	42	2	12.1	78	0.7	100	12
03/10/24 07:15	20	19	40	2	12.5	76	0.5	116	18
03/10/24 07:20	21	19	40	2	12.8	75	0.6	106	18
03/10/24 07:25	22	19	42	2	13.3	74	0.2	108	71
03/10/24 07:30	23	20	42	2	13.8	73	0.3	150	51
03/10/24 07:35	24	20	44	2	14.4	71	0.2	194	70
03/10/24 07:40	25	20	45	2	14.4	72	0.2	171	61
03/10/24 07:45	33	21	54	2	14.9	69	0.9	84	20
03/10/24 07:50	47	23	70	2	15.4	67	1.1	70	21
03/10/24 07:55	44	23	68	2	15.6	66	1.3	49	23
03/10/24 08:00	43	24	67	2	15.8	65	1.4	43	13

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/10/24 08:05	42	24	66	2	16.0	65	1.8	21	20
03/10/24 08:10					16.4	65	1.2	31	28
03/10/24 08:15					16.8	63	2.0	11	21
03/10/24 08:20					16.8	63	2.0	19	24
03/10/24 08:25					17.0	62	2.4	14	24
03/10/24 08:30					17.2	62	2.3	15	20
03/10/24 08:35					17.4	62	2.0	12	21
03/10/24 08:40					17.7	61	1.6	11	22
03/10/24 08:45					18.0	60	1.8	2	23
03/10/24 08:50					18.1	59	1.7	14	24
03/10/24 08:55					18.5	58	2.4	22	16
03/10/24 09:00					18.9	58	2.1	4	28
03/10/24 09:05					19.1	57	1.7	7	33
03/10/24 09:10					19.9	54	3.8	12	22
03/10/24 09:15					20.2	52	4.5	359	27
03/10/24 09:20					20.6	52	3.3	8	22
03/10/24 09:25					20.9	51	3.9	16	18
03/10/24 09:30					20.9	50	3.6	22	18
03/10/24 09:35					21.2	50	4.0	21	23
03/10/24 09:40					21.3	49	3.9	17	16
03/10/24 09:45	3	8	11	2	21.5	49	4.5	20	22
03/10/24 09:50	3	8	11	2	21.7	48	3.6	15	23
03/10/24 09:55	3	8	12	2	21.8	47	3.3	353	29
03/10/24 10:00	3	8	12	2	21.9	47	3.2	352	25
03/10/24 10:05	4	8	12	2	22.0	47	2.7	7	31
03/10/24 10:10	4	9	13	2	22.2	46	3.6	335	31
03/10/24 10:15	4	9	12	2	22.0	46	2.6	352	31
03/10/24 10:20	4	9	12	2	22.3	46	3.2	353	28
03/10/24 10:25	4	9	12	2	22.4	46	2.5	348	38
03/10/24 10:30	4	9	12	2	22.4	46	2.2	338	41
03/10/24 10:35	4	9	13	2	22.7	45	2.6	18	27
03/10/24 10:40	4	9	13	2	23.0	45	2.4	13	32
03/10/24 10:45	4	9	13	2	23.1	44	3.0	3	25
03/10/24 10:50	4	9	13	2	23.2	44	3.6	4	24
03/10/24 10:55	3	8	12	2	22.9	45	2.7	340	35
03/10/24 11:00	3	8	11	2	22.8	45	3.4	332	29
03/10/24 11:05	3	8	11	2	23.0	45	3.3	4	36
03/10/24 11:10	3	7	10	2	23.0	44	3.3	353	35
03/10/24 11:15	3	7	10	2	23.3	44	3.1	8	36
03/10/24 11:20	3	7	10	2	23.5	43	3.1	9	25
03/10/24 11:25	3	7	10	2	23.9	42	3.6	16	26
03/10/24 11:30	2	7	9	2	23.8	41	4.3	14	23
03/10/24 11:35	2	7	9	2	23.9	41	4.2	12	20
03/10/24 11:40	2	6	8	2	24.0	41	3.5	14	21
03/10/24 11:45	2	6	8	2	24.3	40	4.2	28	12
03/10/24 11:50	2	6	8	2	24.3	40	2.1	344	37
03/10/24 11:55	2	6	8	2	24.1	40	3.1	355	33
03/10/24 12:00	2	6	9	2	24.4	40	2.5	331	37
03/10/24 12:05	2	7	9	2	24.2	41	2.9	331	33
03/10/24 12:10	2	7	9	2	24.6	39	3.2	352	27
03/10/24 12:15	2	7	9	2	24.9	39	2.7	358	33
03/10/24 12:20	2	7	9	2	25.2	38	3.4	13	19
03/10/24 12:25	2	7	9	2	25.2	39	2.0	343	38
03/10/24 12:30	2	7	9	2	25.0	40	2.7	333	32
03/10/24 12:35	2	7	9	2	25.0	40	2.5	4	34
03/10/24 12:40	2	7	9	2	25.5	39	2.8	21	25
03/10/24 12:45	2	7	8	2	25.7	38	4.3	20	22
03/10/24 12:50	2	6	8	2	25.4	38	3.6	12	17
03/10/24 12:55	2	6	8	2	25.6	38	3.5	17	19
03/10/24 13:00	2	6	8	2	25.8	37	3.0	25	19
03/10/24 13:05	2	6	8	2	26.1	36	3.7	37	15
03/10/24 13:10	2	6	8	2	26.1	36	3.0	14	27
03/10/24 13:15	2	6	7	2	25.9	36	3.0	23	38
03/10/24 13:20	1	6	7	2	26.0	36	3.6	30	16
03/10/24 13:25	1	6	7	1	26.2	34	4.2	29	18
03/10/24 13:30	1	5	7	2	26.1	34	4.4	25	13
03/10/24 13:35	1	5	7	2	26.2	34	3.4	24	23
03/10/24 13:40	2	5	7	1	26.4	34	3.3	10	26
03/10/24 13:45	2	5	7	1	26.4	33	4.0	30	19
03/10/24 13:50	1	5	6	1	26.2	34	4.0	32	15
03/10/24 13:55	1	5	6	2	26.3	33	4.0	14	25
03/10/24 14:00	1	5	6	2	26.3	33	3.4	2	29
03/10/24 14:05	1	5	6	2	26.3	32	2.5	345	38
03/10/24 14:10	1	5	7	2	26.5	32	3.6	350	28
03/10/24 14:15	1	5	7	2	26.4	32	2.6	346	31
03/10/24 14:20	1	6	7	2	26.6	32	3.9	2	29
03/10/24 14:25	2	6	7	2	26.5	32	3.1	344	35
03/10/24 14:30	2	5	7	2	26.2	33	2.2	343	33
03/10/24 14:35	1	6	7	2	26.5	33	3.9	41	19
03/10/24 14:40	1	5	7	2	26.6	33	3.6	46	15
03/10/24 14:45	2	6	7	2	26.6	33	4.3	36	15
03/10/24 14:50	2	5	7	2	26.4	33	4.6	30	16
03/10/24 14:55	2	6	7	2	26.3	33	4.2	34	19
03/10/24 15:00	2	6	8	2	26.4	33	3.7	19	27

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/10/24 15:05	2	6	8	2	26.6	33	3.1	27	31
03/10/24 15:10	2	7	8	2	26.3	32	4.3	29	14
03/10/24 15:15	1	6	8	2	26.2	32	4.0	27	13
03/10/24 15:20	2	6	8	2	26.3	33	3.8	29	17
03/10/24 15:25	2	6	7	2	26.2	33	3.4	41	16
03/10/24 15:30	2	7	8	2	26.5	33	4.2	21	14
03/10/24 15:35	2	7	9	2	26.4	32	4.3	26	17
03/10/24 15:40	2	7	9	2	26.1	31	4.9	30	19
03/10/24 15:45	2	8	10	2	26.0	32	4.4	26	14
03/10/24 15:50	3	9	12	2	25.9	33	4.1	27	19
03/10/24 15:55	3	8	11	2	25.9	33	3.8	29	19
03/10/24 16:00	2	8	10	2	26.0	33	3.3	3	21
03/10/24 16:05	2	7	9	2	26.1	33	3.7	17	17
03/10/24 16:10	2	6	8	2	25.9	34	4.4	18	17
03/10/24 16:15	2	5	7	2	25.8	33	3.8	15	17
03/10/24 16:20	1	5	7	2	26.0	33	3.7	21	17
03/10/24 16:25	1	5	6	2	26.0	33	3.6	26	20
03/10/24 16:30	1	5	6	1	25.9	33	3.5	31	13
03/10/24 16:35	1	6	7	2	26.0	33	4.3	24	16
03/10/24 16:40	1	6	7	2	26.0	32	4.2	28	15
03/10/24 16:45	1	6	7	2	26.1	32	4.4	32	16
03/10/24 16:50	1	6	7	2	25.9	32	3.6	28	19
03/10/24 16:55	1	6	7	2	25.8	32	4.1	22	14
03/10/24 17:00	1	6	8	2	25.8	33	3.0	24	15
03/10/24 17:05	1	7	8	2	25.9	33	2.5	9	27
03/10/24 17:10	1	7	8	1	26.0	33	2.2	16	27
03/10/24 17:15	1	8	9	1	26.1	32	3.0	29	15
03/10/24 17:20	1	8	9	1	26.0	32	2.7	28	24
03/10/24 17:25	1	8	9	1	25.6	33	2.4	9	26
03/10/24 17:30	1	8	9	1	25.5	33	3.2	20	22
03/10/24 17:35	1	9	10	1	25.4	34	3.1	20	22
03/10/24 17:40	1	9	10	1	25.3	34	2.3	8	23
03/10/24 17:45	1	8	9	1	25.2	34	3.2	18	16
03/10/24 17:50	1	8	9	1	25.2	34	3.0	22	15
03/10/24 17:55	1	9	10	1	25.2	35	3.2	25	13
03/10/24 18:00	1	9	10	2	25.1	35	1.7	21	22
03/10/24 18:05	1	9	10	2	25.1	35	3.0	18	18
03/10/24 18:10	1	10	11	2	25.0	35	2.9	31	14
03/10/24 18:15	1	10	11	2	25.0	35	3.9	21	15
03/10/24 18:20	1	10	10	2	24.8	36	3.1	27	16
03/10/24 18:25	1	11	11	2	24.6	36	2.7	42	17
03/10/24 18:30	1	11	12	2	24.6	36	2.7	43	13
03/10/24 18:35	1	12	13	2	24.4	37	2.0	52	18
03/10/24 18:40	1	13	14	2	24.3	37	2.5	46	15
03/10/24 18:45	1	13	14	2	24.3	37	2.7	40	14
03/10/24 18:50	1	13	14	2	24.3	37	2.3	46	12
03/10/24 18:55	1	13	14	2	24.2	38	2.6	37	16
03/10/24 19:00	1	13	13	2	24.1	38	1.8	41	19
03/10/24 19:05	0	13	13	2	24.1	38	2.7	45	15
03/10/24 19:10	0	12	13	2	24.0	39	2.6	43	18
03/10/24 19:15	0	12	13	2	23.9	39	2.6	48	18
03/10/24 19:20	0	12	13	1	23.8	39	2.5	60	15
03/10/24 19:25	0	13	13	2	23.7	40	2.5	57	14
03/10/24 19:30	0	13	13	2	23.6	40	2.9	65	11
03/10/24 19:35	0	14	14	2	23.4	40	2.5	72	14
03/10/24 19:40	0	14	14	2	23.2	41	3.1	76	12
03/10/24 19:45	0	14	14	2	23.2	41	2.9	76	11
03/10/24 19:50	0	14	14	2	23.1	41	2.7	71	14
03/10/24 19:55	0	14	14	2	23.0	42	3.0	73	11
03/10/24 20:00	0	15	15	2	22.8	42	2.8	70	12
03/10/24 20:05	0	15	15	1	22.7	43	2.9	73	15
03/10/24 20:10	0	15	15	1	22.6	43	3.0	68	15
03/10/24 20:15	0	15	15	1	22.6	43	3.1	66	12
03/10/24 20:20	0	15	15	2	22.5	43	3.1	63	14
03/10/24 20:25	0	14	15	2	22.4	44	3.4	60	14
03/10/24 20:30	0	14	15	2	22.5	44	3.7	63	11
03/10/24 20:35	0	14	14	1	22.4	44	4.1	62	13
03/10/24 20:40	0	13	14	2	22.3	44	4.1	58	10
03/10/24 20:45	0	13	13	2	22.3	45	3.7	60	14
03/10/24 20:50	0	12	13	1	22.2	45	4.1	63	12
03/10/24 20:55	0	12	12	2	22.1	45	4.2	60	11
03/10/24 21:00	0	11	12	2	22.2	45	4.4	63	12
03/10/24 21:05	0	11	11	2	22.1	45	3.6	63	13
03/10/24 21:10	0	10	10	2	22.0	45	4.7	60	13
03/10/24 21:15	0	9	10	2	22.1	45	4.1	62	13
03/10/24 21:20	0	9	9	2	22.1	45	4.4	57	12
03/10/24 21:25	0	9	9	2	22.0	45	4.0	62	15
03/10/24 21:30	0	8	9	2	21.9	45	4.5	58	10
03/10/24 21:35	0	9	9	2	21.8	46	4.3	58	10
03/10/24 21:40	0	9	9	2	21.7	46	4.3	59	13
03/10/24 21:45	0	8	8	2	21.6	46	3.8	60	15
03/10/24 21:50	0	8	8	2	21.6	46	4.0	64	11
03/10/24 21:55	1	8	9	2	21.5	46	4.0	59	12
03/10/24 22:00	1	7	7	2	21.3	47	3.3	62	15

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/10/24 22:05	0	7	8	2	21.1	48	3.4	60	13
03/10/24 22:10	0	7	8	2	20.9	48	3.5	59	14
03/10/24 22:15	0	8	8	2	21.0	48	3.7	61	11
03/10/24 22:20	0	8	8	2	20.9	48	4.1	60	14
03/10/24 22:25	0	8	8	2	20.9	48	3.8	59	11
03/10/24 22:30	0	8	8	2	20.9	48	4.4	58	11
03/10/24 22:35	0	7	8	2	20.8	48	4.5	57	16
03/10/24 22:40	0	7	7	2	20.8	48	4.1	60	12
03/10/24 22:45	0	7	7	2	20.7	48	4.0	60	14
03/10/24 22:50	0	7	7	2	20.6	48	3.6	65	12
03/10/24 22:55	0	7	7	2	20.6	48	3.8	62	12
03/10/24 23:00	0	7	8	2	20.5	48	3.9	65	14
03/10/24 23:05	0	8	8	2	20.5	48	4.8	57	12
03/10/24 23:10	0	8	8	2	20.6	47	4.4	62	13
03/10/24 23:15	0	8	8	2	20.7	47	4.5	61	12
03/10/24 23:20	0	8	8	2	20.7	47	4.3	56	13
03/10/24 23:25	0	8	8	2	20.7	47	4.5	60	15
03/10/24 23:30	0	8	8	2	20.6	47	4.3	60	13
03/10/24 23:35	0	8	8	2	20.7	47	4.3	62	12
03/10/24 23:40	0	8	8	2	20.7	46	4.4	58	13
03/10/24 23:45	0	8	8	2	20.7	46	4.0	62	12
03/10/24 23:50	0	8	8		20.6	46	4.1	55	12
03/10/24 23:55	0	7	7		20.6	46	3.9	52	16
04/10/24 00:00	0	7	7	2	20.6	46	3.3	52	19
04/10/24 00:05	0	6	6	2	20.7	45	3.8	46	17
04/10/24 00:10	0	6	6	2	20.7	45	4.2	52	14
04/10/24 00:15	0	5	5	2	20.8	45	4.3	49	17
04/10/24 00:20	0	5	5	2	20.9	44	4.5	55	13
04/10/24 00:25	0	5	5	2	20.9	44	4.0	54	12
04/10/24 00:30	0	4	5	2	20.8	44	3.9	53	15
04/10/24 00:35	0	4	4	2	20.7	45	4.5	53	11
04/10/24 00:40	0	4	4	2	20.6	45	3.9	57	16
04/10/24 00:45	0	4	4	2	20.5	45	4.3	51	12
04/10/24 00:50	0	4	4	2	20.6	45	3.6	57	12
04/10/24 00:55	0	4	4	2	20.5	45	4.0	57	16
04/10/24 01:00	0	4	4	2	20.5	45	3.7	62	14
04/10/24 01:05					20.5	45	4.0	56	12
04/10/24 01:10					20.5	45	2.9	52	18
04/10/24 01:15					20.5	45	3.1	57	14
04/10/24 01:20					20.5	45	3.4	50	14
04/10/24 01:25					20.5	45	3.4	50	12
04/10/24 01:30					20.5	45	3.1	50	19
04/10/24 01:35					20.6	44	3.4	42	14
04/10/24 01:40					20.6	44	3.9	44	14
04/10/24 01:45					20.7	44	3.7	37	15
04/10/24 01:50					20.8	43	3.4	38	15
04/10/24 01:55					21.0	42	4.0	40	12
04/10/24 02:00					21.1	42	3.8	34	16
04/10/24 02:05	0	3	3	2	21.1	42	3.2	31	16
04/10/24 02:10	0	3	3	2	21.1	42	2.7	30	19
04/10/24 02:15	0	4	4	2	21.0	42	2.9	24	21
04/10/24 02:20	0	4	4	2	21.1	42	4.4	18	15
04/10/24 02:25	0	4	4	2	21.1	42	3.6	18	17
04/10/24 02:30	0	4	4	2	21.2	42	3.3	20	16
04/10/24 02:35	0	4	4	2	21.2	42	3.8	23	16
04/10/24 02:40	0	4	4	2	21.2	42	3.5	15	16
04/10/24 02:45	0	4	4	2	21.2	42	3.2	13	22
04/10/24 02:50	0	4	4	2	21.2	42	3.6	19	20
04/10/24 02:55	0	4	4	2	21.4	41	3.8	19	17
04/10/24 03:00	0	4	4	2	21.5	41	3.7	22	14
04/10/24 03:05	0	4	4	2	21.6	41	3.6	24	19
04/10/24 03:10	0	4	4	2	21.7	41	2.6	22	21
04/10/24 03:15	0	4	4	2	21.7	40	4.1	21	19
04/10/24 03:20	0	4	4	2	21.6	40	3.5	16	19
04/10/24 03:25	0	3	4	1	21.8	40	3.9	8	20
04/10/24 03:30	0	3	3	2	21.8	40	3.4	3	24
04/10/24 03:35	0	3	3	2	21.8	40	3.6	9	22
04/10/24 03:40	0	3	3	2	22.0	40	3.5	2	25
04/10/24 03:45	0	3	4	2	21.9	39	3.9	4	19
04/10/24 03:50	0	4	4	2	22.0	39	3.4	8	19
04/10/24 03:55	0	4	4	2	22.1	39	2.4	357	27
04/10/24 04:00	0	4	4	2	22.0	39	3.8	354	24
04/10/24 04:05	0	4	4	2	22.1	39	3.9	3	20
04/10/24 04:10	0	4	5	2	22.1	39	2.8	11	24
04/10/24 04:15	0	5	5	2	22.1	39	2.5	5	25
04/10/24 04:20	0	4	4	2	22.2	39	3.3	5	29
04/10/24 04:25	0	4	4	2	22.2	39	3.3	13	26
04/10/24 04:30	0	4	4	2	22.3	39	2.9	8	20
04/10/24 04:35	0	3	3	2	22.3	39	4.1	20	19
04/10/24 04:40	0	3	3	2	22.3	39	4.6	13	21
04/10/24 04:45	0	3	4	2	22.3	39	3.9	14	16
04/10/24 04:50	0	3	3	2	22.1	39	3.7	20	18
04/10/24 04:55	0	3	3	2	22.1	40	3.1	12	19
04/10/24 05:00	0	3	3	2	22.0	40	4.1	8	19

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/10/24 05:05	0	3	3	2	21.9	40	3.4	1	28
04/10/24 05:10	0	3	4	2	21.8	41	2.5	359	27
04/10/24 05:15	0	4	4	2	21.7	41	2.0	6	21
04/10/24 05:20	0	4	5	2	21.6	42	2.8	350	29
04/10/24 05:25	0	5	6	2	21.5	42	3.7	15	23
04/10/24 05:30	0	6	6	2	21.6	42	4.0	2	27
04/10/24 05:35	0	6	6	2	21.5	43	4.4	14	20
04/10/24 05:40	0	6	6	2	21.5	43	5.7	12	20
04/10/24 05:45	0	6	6	2	21.3	44	5.4	2	24
04/10/24 05:50	0	5	6	2	21.1	45	5.5	7	25
04/10/24 05:55	0	5	5	2	20.9	46	6.9	0	20
04/10/24 06:00	0	5	5	2	20.7	47	6.0	4	22
04/10/24 06:05	0	5	6	2	20.4	48	4.7	8	19
04/10/24 06:10	0	5	6	2	20.3	50	5.8	15	20
04/10/24 06:15	0	5	6	2	20.1	51	6.8	14	16
04/10/24 06:20	0	5	6	2	19.8	52	6.6	13	19
04/10/24 06:25	0	5	6	2	19.7	53	5.0	12	21
04/10/24 06:30	0	6	6	2	19.4	55	4.7	2	25
04/10/24 06:35	0	6	6	2	19.2	56	5.1	360	29
04/10/24 06:40	0	6	6	2	18.9	58	5.3	15	25
04/10/24 06:45	0	6	6	2	18.8	58	4.7	19	30
04/10/24 06:50	0	6	6	2	18.7	59	5.6	14	20
04/10/24 06:55	0	6	6	2	18.7	59	5.9	22	14
04/10/24 07:00	0	6	7	2	18.7	60	4.2	14	27
04/10/24 07:05	0	7	7	2	18.8	60	5.4	26	18
04/10/24 07:10	1	7	7	2	18.8	60	4.4	19	20
04/10/24 07:15	0	7	7	2	18.8	61	4.8	16	18
04/10/24 07:20	0	7	7	2	18.7	62	5.5	25	19
04/10/24 07:25	0	7	7	2	18.7	63	4.6	23	19
04/10/24 07:30	1	7	8	2	18.5	64	6.0	24	15
04/10/24 07:35	1	7	8	2	18.6	64	5.6	24	20
04/10/24 07:40	1	7	8	2	18.6	65	5.4	15	19
04/10/24 07:45	1	7	8	2	18.6	64	6.3	21	21
04/10/24 07:50	1	6	8	2	18.8	64	6.7	28	14
04/10/24 07:55	1	6	7	2	18.8	63	7.2	28	12
04/10/24 08:00	1	6	7	2	19.0	63	5.8	20	23
04/10/24 08:05	1	6	8	2	19.2	62	6.2	23	16
04/10/24 08:10	1	6	8	2	19.4	61	6.6	23	16
04/10/24 08:15	1	6	7	2	19.3	62	7.4	24	15
04/10/24 08:20	1	6	7	2	19.2	62	6.4	13	19
04/10/24 08:25	1	6	7	2	19.2	63	6.0	5	24
04/10/24 08:30	1	6	7	2	19.2	63	5.5	17	23
04/10/24 08:35	1	6	7	2	19.2	63	4.7	22	19
04/10/24 08:40	1	6	8	2	19.4	63	5.4	23	14
04/10/24 08:45	2	7	8	2	19.9	61	5.4	16	21
04/10/24 08:50	2	6	8	2	20.2	60	5.7	18	21
04/10/24 08:55	2	6	8	2	20.3	60	6.1	19	16
04/10/24 09:00	2	6	8	2	20.6	59	4.4	15	20
04/10/24 09:05	2	6	8	2	21.0	58	5.5	27	20
04/10/24 09:10	2	6	8	2	20.9	57	5.8	29	19
04/10/24 09:15	2	6	7	2	20.9	57	6.6	19	17
04/10/24 09:20	2	5	7	2	21.0	57	6.0	21	20
04/10/24 09:25	2	5	7	2	21.0	56	6.4	28	17
04/10/24 09:30	2	5	7	2	21.2	56	7.3	26	15
04/10/24 09:35	2	5	7	2	21.2	56	5.9	21	21
04/10/24 09:40	2	5	7	2	21.4	55	5.8	22	18
04/10/24 09:45	2	5	7	2	21.5	55	6.6	24	15
04/10/24 09:50	2	5	7	2	21.5	54	6.0	19	20
04/10/24 09:55	1	5	6	2	21.8	52	5.7	16	21
04/10/24 10:00	2	5	6	2	22.2	51	5.7	19	24
04/10/24 10:05	1	5	6	2	22.5	49	6.9	21	20
04/10/24 10:10	1	5	6	2	22.6	48	6.4	24	15
04/10/24 10:15	1	4	6	2	22.7	47	5.9	23	19
04/10/24 10:20	1	4	6	2	22.9	46	4.9	12	28
04/10/24 10:25	1	4	6	2	22.7	47	4.6	14	19
04/10/24 10:30	1	4	6	2	22.7	47	5.1	16	21
04/10/24 10:35	1	5	6	2	23.2	47	3.6	5	27
04/10/24 10:40	1	5	6	2	23.5	45	5.6	3	25
04/10/24 10:45	1	5	6	2	23.3	45	6.2	360	28
04/10/24 10:50	1	4	6	2	23.3	45	5.6	1	22
04/10/24 10:55	2	5	6	2	23.8	45	3.9	1	33
04/10/24 11:00	2	5	7	2	23.8	44	5.0	356	29
04/10/24 11:05	2	5	7	2	23.5	44	5.3	351	29
04/10/24 11:10	2	5	7	2	23.3	45	5.2	355	35
04/10/24 11:15	2	5	7	2	23.3	46	6.4	356	24
04/10/24 11:20	2	5	7	2	23.6	46	4.7	4	26
04/10/24 11:25	2	5	7	2	23.8	45	5.9	6	21
04/10/24 11:30	2	5	7	2	23.7	46	7.3	11	17
04/10/24 11:35	2	5	6	2	23.7	46	6.8	359	20
04/10/24 11:40	2	5	6	2	23.7	46	6.3	3	19
04/10/24 11:45	2	5	6	2	23.8	45	5.2	15	21
04/10/24 11:50	2	5	6	2	24.2	45	4.5	13	28
04/10/24 11:55	2	4	6	2	24.2	45	5.6	11	23
04/10/24 12:00	2	4	6	2	24.1	45	6.2	2	21

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/10/24 12:05	2	4	7	2	24.1	46	4.3	358	26
04/10/24 12:10	2	5	7	2	24.1	45	3.6	8	26
04/10/24 12:15	2	5	7	2	24.3	44	5.1	357	28
04/10/24 12:20	2	6	8	2	24.3	44	4.7	351	30
04/10/24 12:25	2	6	8	2	24.4	43	4.5	347	32
04/10/24 12:30	2	6	8	2	24.1	44	5.8	352	27
04/10/24 12:35	2	6	8	2	24.1	44	6.0	3	23
04/10/24 12:40	2	6	8	2	24.1	44	5.3	350	28
04/10/24 12:45	2	6	8	2	24.1	44	4.9	358	21
04/10/24 12:50	2	6	8	2	24.3	43	4.8	343	35
04/10/24 12:55	2	6	8	2	24.2	44	4.1	353	33
04/10/24 13:00	2	6	8	2	24.2	44	5.9	357	29
04/10/24 13:05	2	6	8	2	23.9	44	4.4	335	31
04/10/24 13:10	2	6	8	2	23.0	46	5.2	337	28
04/10/24 13:15	2	6	8	2	22.9	47	3.5	328	34
04/10/24 13:20	2	6	8	2	23.3	47	4.2	346	26
04/10/24 13:25	2	6	8	2	23.6	45	5.4	357	27
04/10/24 13:30	2	6	8	2	24.1	45	3.8	340	35
04/10/24 13:35	2	7	9	2	23.7	45	5.2	353	26
04/10/24 13:40	2	7	9	2	23.5	46	5.7	357	25
04/10/24 13:45	2	7	9	2	23.4	46	5.3	349	29
04/10/24 13:50	2	7	9	2	23.3	47	5.8	0	17
04/10/24 13:55	2	6	8	2	23.1	48	4.9	2	26
04/10/24 14:00	2	7	9	2	23.0	48	3.7	347	38
04/10/24 14:05	2	7	9	2	22.7	49	3.6	349	29
04/10/24 14:10	2	8	10	2	22.8	49	4.6	348	31
04/10/24 14:15	2	7	10	2	22.7	50	4.7	358	29
04/10/24 14:20	2	8	10	2	22.7	50	5.3	358	21
04/10/24 14:25	2	8	10	2	22.6	50	3.7	6	25
04/10/24 14:30	2	8	10	3	22.6	51	4.5	2	26
04/10/24 14:35	2	9	10	2	22.6	51	4.5	2	30
04/10/24 14:40	2	9	11	2	22.6	51	3.6	5	28
04/10/24 14:45	2	9	11	2	22.8	51	3.4	3	26
04/10/24 14:50	2	9	11	2	22.8	50	3.2	359	28
04/10/24 14:55	2	10	12	2	22.8	50	3.5	356	23
04/10/24 15:00	2	10	12	2	22.8	49	3.3	7	24
04/10/24 15:05	2	10	12	2	22.7	50	4.5	356	26
04/10/24 15:10	2	9	10	2	22.6	49	4.4	6	21
04/10/24 15:15	1	8	10	2	22.6	49	3.6	360	26
04/10/24 15:20	1	9	10	2	22.6	49	3.9	352	27
04/10/24 15:25	1	9	10	2	22.8	50	4.2	352	31
04/10/24 15:30	2	9	10	2	22.8	50	3.9	3	23
04/10/24 15:35	2	9	10	2	22.8	50	3.9	357	27
04/10/24 15:40	1	9	10	2	22.8	50	4.4	15	24
04/10/24 15:45	1	9	10	2	22.9	49	4.0	353	34
04/10/24 15:50	1	9	10	2	22.9	50	4.0	350	30
04/10/24 15:55	1	9	10	2	22.9	50	4.2	352	24
04/10/24 16:00	1	9	11	2	22.8	50	4.3	350	28
04/10/24 16:05	1	9	11	2	22.7	50	4.1	350	26
04/10/24 16:10	1	10	11	2	22.8	51	3.2	359	24
04/10/24 16:15	1	10	11	1	22.7	50	4.4	2	29
04/10/24 16:20	1	10	12	2	22.8	50	4.1	2	25
04/10/24 16:25	1	10	12	2	22.7	50	3.9	6	24
04/10/24 16:30	1	10	11	2	22.7	50	3.8	1	26
04/10/24 16:35	1	11	12	2	22.6	50	3.5	1	21
04/10/24 16:40	2	11	13	2	22.8	50	4.5	11	19
04/10/24 16:45	2	11	13	1	22.6	50	4.8	352	21
04/10/24 16:50	2	10	12	1	22.6	51	4.5	6	23
04/10/24 16:55	1	9	10	2	22.5	51	4.0	360	22
04/10/24 17:00	1	8	9	2	22.5	52	3.4	325	28
04/10/24 17:05	1	8	9	2	22.4	52	3.3	342	32
04/10/24 17:10	1	8	9	2	22.3	53	2.4	326	28
04/10/24 17:15	1	8	9	2	22.3	53	2.2	317	29
04/10/24 17:20	1	8	9	2	22.1	52	3.1	300	26
04/10/24 17:25	1	8	9	1	22.1	53	3.3	313	24
04/10/24 17:30	1	9	9	1	22.1	54	3.2	320	30
04/10/24 17:35	1	9	10	2	21.7	57	3.2	300	25
04/10/24 17:40	1	10	10	2	21.5	58	3.0	327	31
04/10/24 17:45	1	10	10	2	21.4	58	2.4	318	29
04/10/24 17:50	1	11	11	2	21.4	57	3.4	310	21
04/10/24 17:55	1	11	12	2	21.5	57	4.9	300	15
04/10/24 18:00	0	11	12	2	21.5	57	4.7	302	14
04/10/24 18:05	0	12	12	2	21.3	58	5.1	304	19
04/10/24 18:10	0	11	12	2	21.2	57	4.5	355	28
04/10/24 18:15	0	10	10	2	20.9	60	4.5	333	25
04/10/24 18:20	0	9	10	2	20.7	61	2.6	338	30
04/10/24 18:25	0	10	10	2	20.5	62	3.3	356	29
04/10/24 18:30	0	10	10	2	20.4	63	3.1	346	26
04/10/24 18:35	0	10	11	2	20.4	63	2.2	342	32
04/10/24 18:40	0	11	11	2	20.3	64	2.8	351	22
04/10/24 18:45	1	11	12	2	20.2	64	1.9	328	35
04/10/24 18:50	1	14	15	2	20.2	65	2.8	254	31
04/10/24 18:55	1	9	10	2	19.4	65	5.6	219	3
04/10/24 19:00	1	2	3	1	18.4	69	4.3	223	7

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/10/24 19:05	0	2	2	2	18.6	67	3.2	235	11
04/10/24 19:10	0	2	2	2	18.8	66	4.3	231	7
04/10/24 19:15	0	2	2	2	19.0	65	4.2	227	11
04/10/24 19:20	0	3	3	1	18.3	71	4.9	200	5
04/10/24 19:25	0	4	4	1	17.7	74	2.8	190	11
04/10/24 19:30	4	11	15	1	17.9	72	1.1	213	15
04/10/24 19:35	0	4	4	1	17.9	74	0.6	225	23
04/10/24 19:40	0	4	4	1	17.8	74	0.2	236	61
04/10/24 19:45	0	6	6	1	17.8	74	0.7	321	34
04/10/24 19:50	0	10	10	1	17.9	73	0.5	295	33
04/10/24 19:55	0	8	9	1	18.0	72	0.7	256	20
04/10/24 20:00	0	6	6	1	17.9	72	0.8	259	15
04/10/24 20:05	0	4	4	1	17.9	73	0.7	285	48
04/10/24 20:10	0	4	4	1	17.9	73	1.2	326	18
04/10/24 20:15	0	3	3	1	18.1	71	0.4	283	47
04/10/24 20:20	0	3	3	1	18.2	71	0.6	227	13
04/10/24 20:25	0	3	3	1	18.2	71	0.3	293	20
04/10/24 20:30	0	3	3	1	18.1	70	0.3	297	37
04/10/24 20:35	0	3	3	1	18.0	71	0.3	245	44
04/10/24 20:40	0	3	3	1	18.1	70	0.2	257	18
04/10/24 20:45	0	3	3	1	18.0	70	0.1	267	71
04/10/24 20:50	0	3	3	1	18.1	70	0.3	97	26
04/10/24 20:55	0	3	3	1	18.1	71	1.0	207	16
04/10/24 21:00	0	3	3	1	17.9	71	1.5	208	4
04/10/24 21:05	0	3	3	2	18.0	72	1.3	219	4
04/10/24 21:10	0	3	3	1	17.8	72	0.7	232	8
04/10/24 21:15	0	3	3	1	17.6	73	0.4	252	20
04/10/24 21:20	0	3	3	1	17.4	73	0.5	245	13
04/10/24 21:25	0	3	3	1	17.5	73	0.9	228	6
04/10/24 21:30	0	3	3	1	17.4	73	0.8	219	8
04/10/24 21:35	0	3	3	1	17.4	73	0.9	206	9
04/10/24 21:40	0	3	3	1	17.5	74	1.0	221	10
04/10/24 21:45	0	3	3	1	17.4	74	0.8	241	9
04/10/24 21:50	0	3	3	1	17.3	74	0.7	286	17
04/10/24 21:55	0	3	3	1	17.3	73	1.0	307	12
04/10/24 22:00	0	4	4	1	17.4	73	0.7	306	21
04/10/24 22:05	0	5	5	1	17.5	72	0.5	237	16
04/10/24 22:10	0	6	6	1	17.5	73	0.5	254	12
04/10/24 22:15	0	7	7	1	17.3	73	0.6	229	14
04/10/24 22:20	0	8	8	1	17.4	74	1.1	250	19
04/10/24 22:25	0	8	8	1	17.1	75	1.4	194	25
04/10/24 22:30	0	7	7	1	17.1	77	2.0	239	18
04/10/24 22:35	0	6	7	1	16.7	79	2.0	212	8
04/10/24 22:40	0	6	6	1	16.6	81	0.9	265	16
04/10/24 22:45	0	5	5	1	16.4	81	1.1	221	11
04/10/24 22:50	0	4	4	1	16.4	82	1.2	223	8
04/10/24 22:55	0	4	4	2	16.3	82	2.3	214	3
04/10/24 23:00	0	4	4	1	16.3	83	2.3	213	3
04/10/24 23:05	0	4	4	1	16.1	85	1.6	220	3
04/10/24 23:10	0	3	4	1	15.9	87	2.5	224	4
04/10/24 23:15	0	3	4	1	15.9	86	2.9	229	3
04/10/24 23:20	0	4	4	2	16.0	85	2.5	219	3
04/10/24 23:25	0	4	4	2	15.9	86	2.9	227	4
04/10/24 23:30	0	4	4	1	15.9	86	4.6	222	4
04/10/24 23:35	0	4	4	1	16.2	84	5.0	226	4
04/10/24 23:40	0	4	4	1	16.2	84	4.4	219	5
04/10/24 23:45	0	4	4	1	16.2	85	3.5	216	4
04/10/24 23:50	0	4	4		16.0	86	2.6	217	3
04/10/24 23:55	0	4	4		15.8	87	1.7	220	6
05/10/24 00:00	0	4	4	1	15.7	88	1.8	223	4
05/10/24 00:05	0	3	4	1	15.7	88	0.9	204	9
05/10/24 00:10	0	3	4	1	15.7	88	0.7	144	38
05/10/24 00:15	1	10	11	1	15.6	88	0.7	134	14
05/10/24 00:20	1	12	13	1	15.7	88	0.5	225	37
05/10/24 00:25	0	9	10	1	15.6	88	0.6	103	21
05/10/24 00:30	0	8	8	1	15.6	88	0.1	113	82
05/10/24 00:35	0	7	8	1	15.5	88	0.4	191	64
05/10/24 00:40	0	7	8	1	15.4	89	0.7	189	32
05/10/24 00:45	1	9	10	1	15.5	89	0.4	179	51
05/10/24 00:50	2	13	15	1	15.4	88	0.8	210	11
05/10/24 00:55	1	7	9	1	15.5	89	0.7	226	11
05/10/24 01:00	1	4	5	1	15.4	89	0.2	289	41
05/10/24 01:05					15.4	88	1.1	275	21
05/10/24 01:10					15.5	86	1.3	294	11
05/10/24 01:15					15.5	82	1.3	283	12
05/10/24 01:20					15.5	80	1.5	270	12
05/10/24 01:25					15.6	78	1.8	262	14
05/10/24 01:30					15.7	76	2.0	254	7
05/10/24 01:35					15.7	75	2.0	253	6
05/10/24 01:40					15.8	74	2.2	250	8
05/10/24 01:45					15.8	72	2.5	257	8
05/10/24 01:50					15.7	72	2.6	241	6
05/10/24 01:55					15.7	72	1.8	248	11
05/10/24 02:00					15.7	74	1.0	289	22

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/10/24 02:05	0	4	5	1	15.5	72	1.1	280	22
05/10/24 02:10	0	5	5	1	15.5	71	1.4	267	13
05/10/24 02:15	0	5	6	1	15.4	73	1.2	274	34
05/10/24 02:20	0	5	6	1	15.2	72	0.9	294	35
05/10/24 02:25	0	5	5	1	15.2	72	0.9	298	27
05/10/24 02:30	0	5	5	1	15.2	72	1.2	302	14
05/10/24 02:35	0	6	6	1	15.1	71	1.4	307	15
05/10/24 02:40	0	7	7	1	15.2	71	1.2	318	20
05/10/24 02:45	0	8	8	2	15.2	71	0.7	350	32
05/10/24 02:50	0	9	9	2	14.9	72	1.2	3	14
05/10/24 02:55	0	13	13	2	14.7	73	1.0	8	23
05/10/24 03:00	1	25	26	2	14.5	73	1.2	7	18
05/10/24 03:05	1	23	24	2	14.5	74	1.1	5	17
05/10/24 03:10	2	23	25	2	14.4	74	1.5	343	17
05/10/24 03:15	2	25	27	1	14.5	73	1.1	2	22
05/10/24 03:20	3	26	29	1	14.6	74	1.0	314	23
05/10/24 03:25	3	25	28	1	14.6	73	1.3	350	23
05/10/24 03:30	3	22	24	1	14.7	73	1.3	344	20
05/10/24 03:35	2	15	17	1	14.6	72	1.0	357	24
05/10/24 03:40	2	13	14	1	14.8	73	1.1	325	30
05/10/24 03:45	1	13	14	1	14.9	72	1.4	337	21
05/10/24 03:50	1	14	15	1	14.7	73	1.3	320	24
05/10/24 03:55	12	28	40	1	14.7	73	1.8	328	18
05/10/24 04:00	26	27	53	1	14.7	73	1.3	329	24
05/10/24 04:05	34	27	62	2	14.6	74	1.3	316	19
05/10/24 04:10	19	26	45	2	14.5	76	1.7	314	16
05/10/24 04:15	13	25	38	2	14.3	76	1.5	334	25
05/10/24 04:20	25	25	51	2	14.2	76	1.7	351	23
05/10/24 04:25	36	24	61	2	14.0	77	1.8	1	19
05/10/24 04:30	23	25	48	2	13.8	78	1.4	1	20
05/10/24 04:35	8	21	29	2	13.7	79	1.3	2	21
05/10/24 04:40	7	21	28	2	13.6	79	1.4	12	24
05/10/24 04:45	7	21	28	2	13.7	78	1.8	352	14
05/10/24 04:50	8	22	30	2	13.7	77	1.5	355	19
05/10/24 04:55	9	24	33	2	13.8	76	1.4	346	24
05/10/24 05:00	15	28	43	2	13.9	76	1.4	317	20
05/10/24 05:05	21	24	45	2	13.9	76	1.3	334	25
05/10/24 05:10	17	23	40	2	13.8	76	0.8	335	37
05/10/24 05:15	8	20	29	2	13.8	76	1.4	344	27
05/10/24 05:20	3	18	21	2	13.7	76	1.3	353	27
05/10/24 05:25	2	18	20	1	13.7	76	0.9	335	38
05/10/24 05:30	2	18	20	1	13.6	76	0.9	309	30
05/10/24 05:35	2	18	20	1	13.6	76	1.3	304	26
05/10/24 05:40	2	18	21	1	13.5	76	1.7	324	27
05/10/24 05:45	3	19	22	2	13.5	76	1.7	327	29
05/10/24 05:50	3	20	23	2	13.4	76	1.8	324	29
05/10/24 05:55	14	27	42	2	13.3	75	1.6	323	22
05/10/24 06:00	26	22	48	2	13.3	75	1.4	321	34
05/10/24 06:05	27	22	49	2	13.3	75	1.3	334	32
05/10/24 06:10	27	22	49	2	13.2	74	1.3	354	26
05/10/24 06:15	29	22	52	2	13.3	74	1.9	1	18
05/10/24 06:20	31	22	53	2	13.4	73	1.9	354	30
05/10/24 06:25	30	22	52	2	13.4	72	1.6	344	23
05/10/24 06:30	28	22	50	2	13.5	71	1.8	330	27
05/10/24 06:35	26	22	48	2	13.6	71	1.7	353	22
05/10/24 06:40	25	22	47	2	13.6	70	1.1	340	34
05/10/24 06:45	28	21	49	2	13.8	70	0.9	342	37
05/10/24 06:50	30	21	51	3	14.1	69	1.2	338	32
05/10/24 06:55	29	21	50	3	14.2	68	1.1	339	33
05/10/24 07:00	23	16	39	3	14.2	69	2.1	359	17
05/10/24 07:05	11	18	29	3	14.4	68	1.4	342	32
05/10/24 07:10	10	15	25	3	14.4	68	1.5	340	32
05/10/24 07:15	9	14	23	3	14.5	68	1.2	321	28
05/10/24 07:20	9	15	25	2	14.7	67	1.6	349	34
05/10/24 07:25	11	18	29	2	14.8	66	1.4	328	33
05/10/24 07:30	14	18	32	3	15.1	66	1.6	339	36
05/10/24 07:35	23	20	43	3	15.4	65	1.5	304	25
05/10/24 07:40	21	19	40	3	15.6	64	2.0	350	29
05/10/24 07:45	18	18	37	3	15.9	63	1.7	328	39
05/10/24 07:50	14	18	32	3	15.8	63	2.1	327	32
05/10/24 07:55	14	17	31	3	15.8	63	2.3	325	26
05/10/24 08:00	13	16	29	3	15.9	62	2.6	318	24
05/10/24 08:05	13	16	29	3	16.0	62	2.3	312	24
05/10/24 08:10	12	14	27	3	16.2	61	2.0	311	26
05/10/24 08:15	11	12	23	3	16.5	60	2.3	305	24
05/10/24 08:20	9	7	15	3	16.7	59	1.9	321	23
05/10/24 08:25	6	7	14	3	16.7	59	2.3	300	24
05/10/24 08:30	6	8	14	3	16.8	59	2.6	304	23
05/10/24 08:35	5	8	13	3	17.0	59	1.7	308	29
05/10/24 08:40	5	8	13	3	17.3	57	3.1	294	18
05/10/24 08:45	4	4	7	3	17.3	57	2.0	299	28
05/10/24 08:50	3	5	9	3	17.6	55	2.7	343	23
05/10/24 08:55	4	5	9	3	17.8	56	1.5	306	33
05/10/24 09:00	4	6	9	3	17.8	56	2.4	323	28

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/10/24 09:05	4	6	10	3	17.7	57	2.2	308	22
05/10/24 09:10	4	7	11	3	17.6	57	2.5	303	22
05/10/24 09:15	3	7	10	3	17.5	58	2.7	315	20
05/10/24 09:20	3	7	11	3	17.6	57	2.4	343	28
05/10/24 09:25	4	8	12	3	17.9	57	2.0	344	36
05/10/24 09:30	5	10	15	3	17.9	56	2.4	319	30
05/10/24 09:35	4	8	13	3	17.7	56	2.6	310	27
05/10/24 09:40	4	9	13	3	17.8	56	2.3	318	33
05/10/24 09:45	4	9	13	2	18.0	56	2.4	318	29
05/10/24 09:50	4	7	12	2	18.4	54	1.8	349	42
05/10/24 09:55	4	6	11	2	18.7	53	2.4	330	34
05/10/24 10:00	4	6	10	2	18.9	52	2.6	8	24
05/10/24 10:05	5	8	14	2	19.3	50	3.2	350	34
05/10/24 10:10	4	5	9	2	19.4	49	2.1	305	29
05/10/24 10:15	3	5	8	2	19.1	50	3.2	281	19
05/10/24 10:20	2	3	5	2	19.2	49	3.2	294	17
05/10/24 10:25	2	3	5	1	19.1	49	4.0	306	18
05/10/24 10:30	2	3	4	2	19.0	50	4.2	305	25
05/10/24 10:35	1	3	4	1	18.8	51	2.8	291	26
05/10/24 10:40	1	2	4	2	18.9	51	4.2	304	15
05/10/24 10:45	1	3	4	2	19.5	50	3.4	319	23
05/10/24 10:50	2	3	4	2	19.6	49	3.0	314	27
05/10/24 10:55	2	3	5	2	19.6	49	3.4	291	25
05/10/24 11:00	2	3	5	2	19.4	49	5.2	295	15
05/10/24 11:05	3	7	10	2	19.3	50	3.7	287	19
05/10/24 11:10	2	3	5	2	19.4	50	5.3	303	13
05/10/24 11:15	1	3	4	2	19.3	51	4.8	297	17
05/10/24 11:20	1	3	4	2	19.3	52	4.9	296	17
05/10/24 11:25	1	3	4	2	19.3	52	4.5	302	19
05/10/24 11:30	1	3	4	2	19.1	52	5.4	294	15
05/10/24 11:35	2	3	4	2	19.3	52	4.8	298	16
05/10/24 11:40	1	2	4	2	19.3	51	5.7	290	14
05/10/24 11:45	1	3	4	2	19.1	52	5.6	286	16
05/10/24 11:50	1	2	4	2	19.0	52	5.4	295	17
05/10/24 11:55	1	2	3	2	19.0	52	3.6	289	16
05/10/24 12:00	1	2	3	2	19.2	51	3.9	290	22
05/10/24 12:05	1	2	3	2	19.4	51	4.6	296	20
05/10/24 12:10	1	2	3	2	19.4	51	3.9	280	15
05/10/24 12:15	1	3	4	2	19.4	51	5.2	283	14
05/10/24 12:20	1	3	4	2	19.5	51	5.3	287	17
05/10/24 12:25	1	3	4	2	19.6	50	5.4	296	18
05/10/24 12:30	1	3	4	2	19.5	51	5.2	288	19
05/10/24 12:35	1	3	3	2	19.6	50	7.0	308	12
05/10/24 12:40	1	2	3	2	19.6	51	4.4	288	15
05/10/24 12:45	1	2	3	2	19.5	51	4.9	292	21
05/10/24 12:50	1	2	3	2	19.5	52	6.4	275	11
05/10/24 12:55	1	2	3	2	19.5	52	4.4	286	17
05/10/24 13:00	1	2	3	2	19.9	51	4.8	303	20
05/10/24 13:05	1	2	3	2	19.5	53	6.1	284	14
05/10/24 13:10	1	2	3	2	19.4	54	5.7	291	18
05/10/24 13:15	1	2	3	2	19.4	53	6.6	291	13
05/10/24 13:20	1	2	3	2	19.6	54	5.4	287	13
05/10/24 13:25	1	2	3	2	19.4	53	5.3	285	20
05/10/24 13:30	1	2	3	2	19.5	53	5.4	286	14
05/10/24 13:35	1	3	3	2	19.4	54	5.1	288	18
05/10/24 13:40	1	3	4	2	19.0	58	5.8	285	13
05/10/24 13:45	1	3	4	2	18.2	63	4.9	280	15
05/10/24 13:50	1	3	4	2	17.7	67	6.3	272	9
05/10/24 13:55	1	4	5	2	17.2	72	8.8	262	7
05/10/24 14:00	1	4	5	2	15.7	85	6.9	269	14
05/10/24 14:05	1	5	5	2	15.2	88	3.6	284	15
05/10/24 14:10	0	5	5	2	15.3	85	5.4	278	15
05/10/24 14:15	0	5	5	2	15.1	86	4.8	284	15
05/10/24 14:20	1	5	6	2	15.0	88	4.8	280	16
05/10/24 14:25	1	5	6	2	15.0	88	4.5	278	14
05/10/24 14:30	1	6	7	2	15.1	89	3.3	281	13
05/10/24 14:35	2	10	11	2	15.1	89	2.8	274	15
05/10/24 14:40	2	9	11	1	15.2	88	2.9	259	9
05/10/24 14:45	2	4	5	1	15.2	88	1.9	280	15
05/10/24 14:50	2	4	5	1	15.3	87	1.9	274	18
05/10/24 14:55	1	4	5	1	15.5	85	2.1	268	15
05/10/24 15:00	1	4	5	2	15.6	85	1.4	274	17
05/10/24 15:05	1	4	5	1	15.7	85	0.6	216	40
05/10/24 15:10	1	4	5	2	15.9	85	1.6	134	9
05/10/24 15:15	1	4	5	2	15.9	84	1.4	145	13
05/10/24 15:20	1	4	4	2	15.9	83	1.1	124	20
05/10/24 15:25	2	4	6	2	16.1	84	1.2	121	19
05/10/24 15:30	3	5	8	2	16.1	85	1.2	117	21
05/10/24 15:35	3	5	8	2	16.2	84	2.2	113	11
05/10/24 15:40	3	6	8	2	16.1	84	2.4	118	15
05/10/24 15:45	2	7	9	2	15.8	85	3.1	153	29
05/10/24 15:50	24	10	35	2	15.7	86	4.0	179	17
05/10/24 15:55	80	61	141	2	15.1	85	3.2	197	25
05/10/24 16:00	27	11	38	2	14.7	87	4.0	224	12

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/10/24 16:05	2	4	5	2	14.8	89	3.0	250	9
05/10/24 16:10	1	4	5	2	14.8	89	2.8	240	8
05/10/24 16:15	1	4	5	2	15.0	86	4.0	243	8
05/10/24 16:20	1	9	10	2	15.4	82	4.6	253	12
05/10/24 16:25	1	11	13	2	15.6	81	4.4	261	7
05/10/24 16:30	3	24	27	2	15.6	81	5.9	262	7
05/10/24 16:35	0	3	3	2	15.7	80	6.2	259	5
05/10/24 16:40	0	3	4	2	15.5	81	5.3	263	5
05/10/24 16:45	0	3	4	2	15.2	83	6.1	262	6
05/10/24 16:50	0	3	3	2	15.3	83	5.3	265	5
05/10/24 16:55	0	4	4	2	15.2	84	4.1	266	8
05/10/24 17:00	0	4	4	2	15.2	86	2.3	282	15
05/10/24 17:05	0	4	4	2	15.1	86	3.5	288	13
05/10/24 17:10	1	9	10	2	15.2	86	2.5	291	14
05/10/24 17:15	1	18	19	2	15.2	87	2.2	289	14
05/10/24 17:20	1	10	11	2	15.1	86	2.2	290	16
05/10/24 17:25	1	8	9	1	15.1	85	2.7	287	15
05/10/24 17:30	1	8	9	1	15.1	84	3.3	287	12
05/10/24 17:35	1	8	9	1	15.1	83	3.1	287	17
05/10/24 17:40	1	8	9	2	15.2	82	3.2	286	14
05/10/24 17:45	1	7	8	2	15.1	81	3.2	286	14
05/10/24 17:50	1	7	8	2	15.2	80	3.2	285	14
05/10/24 17:55	1	9	9	2	15.3	79	3.0	288	13
05/10/24 18:00	1	10	11	2	15.3	79	3.0	287	14
05/10/24 18:05	1	6	7	2	15.3	78	3.9	286	11
05/10/24 18:10	1	6	6	1	15.3	78	3.6	287	10
05/10/24 18:15	1	8	9	1	15.2	79	3.3	289	10
05/10/24 18:20	1	14	15	1	15.2	80	2.6	283	14
05/10/24 18:25	1	19	19	1	15.2	81	2.3	283	16
05/10/24 18:30	1	21	22	1	15.1	81	2.9	277	13
05/10/24 18:35	1	19	20	1	15.0	81	3.0	278	13
05/10/24 18:40	1	14	15	1	15.0	82	2.9	277	14
05/10/24 18:45	1	9	10	1	15.0	83	2.7	281	15
05/10/24 18:50	1	9	9	2	14.9	83	2.8	286	13
05/10/24 18:55	1	11	12	2	15.0	82	2.9	288	17
05/10/24 19:00	1	15	16	2	15.0	82	2.6	288	17
05/10/24 19:05	1	16	16	2	15.0	82	2.3	281	18
05/10/24 19:10	1	14	15	2	15.0	82	2.7	293	10
05/10/24 19:15	1	11	12	2	15.0	81	2.4	290	16
05/10/24 19:20	0	9	9	1	15.0	81	1.8	295	18
05/10/24 19:25	0	9	10	1	15.0	81	2.0	305	8
05/10/24 19:30	0	10	11	1	15.0	82	1.3	304	20
05/10/24 19:35	0	11	12	1	14.9	83	1.7	297	17
05/10/24 19:40	0	12	12	1	14.9	83	2.1	287	17
05/10/24 19:45	0	12	13	1	14.9	83	2.0	300	16
05/10/24 19:50	0	13	13	1	14.9	83	1.9	321	18
05/10/24 19:55	0	14	14	2	14.8	84	1.9	301	15
05/10/24 20:00	0	14	14	2	14.8	85	1.6	303	17
05/10/24 20:05	0	14	14	2	14.8	84	1.7	318	17
05/10/24 20:10	0	14	15	2	14.8	83	1.9	306	19
05/10/24 20:15	1	16	16	2	14.8	83	1.8	309	18
05/10/24 20:20	1	18	19	2	14.9	83	2.1	301	11
05/10/24 20:25	1	19	20	2	14.8	82	2.3	304	10
05/10/24 20:30	1	16	17	2	14.9	82	2.3	304	11
05/10/24 20:35	1	15	16	2	14.9	82	2.4	303	14
05/10/24 20:40	1	14	14	2	15.0	81	2.3	294	18
05/10/24 20:45	1	11	12	2	14.9	79	3.1	286	15
05/10/24 20:50	1	9	10	2	15.1	78	3.2	287	17
05/10/24 20:55	1	9	10	2	15.1	78	3.1	289	15
05/10/24 21:00	0	10	10	2	15.1	78	3.2	285	13
05/10/24 21:05	0	10	11	2	15.1	77	3.4	288	13
05/10/24 21:10	0	10	10	2	15.1	74	4.0	283	17
05/10/24 21:15	0	11	11	2	15.2	73	3.7	283	16
05/10/24 21:20	0	11	11	2	15.3	72	3.6	286	15
05/10/24 21:25	0	10	11	2	15.3	72	3.1	289	12
05/10/24 21:30	0	9	9	2	15.2	73	2.5	285	19
05/10/24 21:35	0	7	7	2	15.2	73	2.5	289	16
05/10/24 21:40	0	7	7	2	15.2	73	2.9	295	12
05/10/24 21:45	0	7	7	2	15.1	73	2.4	285	19
05/10/24 21:50	0	7	7	2	15.1	73	2.3	288	15
05/10/24 21:55	0	6	7	2	15.0	73	2.4	288	13
05/10/24 22:00	0	7	7	2	15.0	72	2.0	289	15
05/10/24 22:05	0	6	7	2	15.0	73	2.5	296	13
05/10/24 22:10	0	7	7	2	14.9	73	2.3	293	13
05/10/24 22:15	0	7	8	2	14.9	73	1.9	295	15
05/10/24 22:20	0	8	9	2	14.8	73	2.1	300	10
05/10/24 22:25	0	9	9	2	14.9	73	2.1	306	13
05/10/24 22:30	0	9	9	2	14.9	73	2.3	303	13
05/10/24 22:35	0	9	9	2	14.8	73	2.5	304	13
05/10/24 22:40	0	8	8	2	14.8	73	2.2	300	12
05/10/24 22:45	0	7	7	2	14.7	73	2.6	303	10
05/10/24 22:50	0	7	7	2	14.8	73	2.6	300	12
05/10/24 22:55	0	7	7	2	14.7	73	2.1	305	18
05/10/24 23:00	0	7	7	2	14.7	73	2.2	304	18

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/10/24 23:05	0	7	8	2	14.7	73	2.1	303	15
05/10/24 23:10	0	7	7	2	14.6	73	2.3	300	13
05/10/24 23:15	0	7	7	2	14.6	74	2.2	303	13
05/10/24 23:20	0	6	6	2	14.5	73	2.9	301	9
05/10/24 23:25	0	6	6	2	14.5	74	2.5	298	14
05/10/24 23:30	0	5	5	2	14.3	75	2.7	305	12
05/10/24 23:35	0	5	5	2	14.3	75	2.8	310	18
05/10/24 23:40	0	5	5	2	14.2	76	2.0	303	18
05/10/24 23:45	0	6	6	2	14.1	76	2.5	297	15
05/10/24 23:50	0	7	8		14.1	76	2.3	325	27
05/10/24 23:55	0	12	12		14.1	77	1.7	354	23
06/10/24 00:00	1	16	16	2	13.9	78	1.6	5	26
06/10/24 00:05	1	16	17	2	13.7	79	1.1	351	28
06/10/24 00:10	1	14	15	2	13.7	79	1.9	357	26
06/10/24 00:15	1	13	14	2	13.7	80	1.8	19	23
06/10/24 00:20	1	12	13	2	13.6	80	2.0	25	20
06/10/24 00:25	1	10	11	2	13.9	78	2.0	15	22
06/10/24 00:30	1	9	10	2	14.0	76	2.0	3	20
06/10/24 00:35	1	7	7	2	14.2	75	2.2	3	23
06/10/24 00:40	0	6	6	2	14.3	75	2.6	356	27
06/10/24 00:45	0	6	7	2	14.3	76	2.8	355	24
06/10/24 00:50	0	6	6	2	14.3	76	2.0	355	27
06/10/24 00:55	0	6	6	2	14.1	77	1.0	335	42
06/10/24 01:00	0	7	8	2	14.1	76	2.5	317	25
06/10/24 01:05					14.3	74	2.9	318	25
06/10/24 01:10					14.6	71	3.2	316	26
06/10/24 01:15					14.8	70	4.0	303	16
06/10/24 01:20					15.0	69	4.7	303	15
06/10/24 01:25					15.0	68	4.1	301	20
06/10/24 01:30					15.1	68	3.8	309	22
06/10/24 01:35					15.0	68	2.9	323	24
06/10/24 01:40					15.0	69	2.5	321	27
06/10/24 01:45					15.0	69	2.5	320	31
06/10/24 01:50					14.9	70	2.9	334	31
06/10/24 01:55					14.8	71	3.1	329	22
06/10/24 02:00					14.7	72	2.5	332	34
06/10/24 02:05	0	9	9	2	14.6	72	2.8	333	30
06/10/24 02:10	0	9	9	2	14.6	72	2.0	314	32
06/10/24 02:15	0	9	9	2	14.6	72	2.5	329	29
06/10/24 02:20	0	9	9	2	14.6	71	2.7	346	28
06/10/24 02:25	0	8	9	2	14.6	71	2.5	338	30
06/10/24 02:30	0	8	9	2	14.6	71	2.1	355	33
06/10/24 02:35	0	9	9	2	14.7	71	2.1	345	35
06/10/24 02:40	0	9	9	2	14.7	71	2.1	346	25
06/10/24 02:45	0	9	9	2	14.6	71	2.2	359	27
06/10/24 02:50	0	8	8	2	14.6	71	2.2	358	24
06/10/24 02:55	0	7	7	2	14.6	71	2.3	0	25
06/10/24 03:00	0	7	7	2	14.6	71	2.8	0	22
06/10/24 03:05	0	6	7	2	14.6	71	2.5	353	24
06/10/24 03:10	0	6	6	2	14.6	71	2.0	342	33
06/10/24 03:15	0	6	6	2	14.6	71	2.5	333	24
06/10/24 03:20	0	6	6	2	14.7	70	2.1	326	31
06/10/24 03:25	0	6	6	2	14.8	70	2.8	328	28
06/10/24 03:30	0	6	7	2	14.9	71	2.4	312	19
06/10/24 03:35	0	6	7	2	14.9	71	2.6	320	27
06/10/24 03:40	0	7	7	2	14.9	71	3.3	315	25
06/10/24 03:45	0	7	7	2	14.9	72	2.8	304	22
06/10/24 03:50	0	8	8	2	14.9	72	2.7	315	21
06/10/24 03:55	0	9	9	2	14.8	73	3.0	304	14
06/10/24 04:00	0	10	10	2	14.8	73	3.5	302	14
06/10/24 04:05	0	11	11	2	14.7	75	2.7	286	20
06/10/24 04:10	0	9	9	2	14.6	77	4.7	243	15
06/10/24 04:15	1	7	8	2	14.1	83	6.0	247	20
06/10/24 04:20	1	4	4	2	13.7	87	5.5	272	11
06/10/24 04:25	0	2	2	2	13.8	87	4.2	274	11
06/10/24 04:30	0	1	2	2	13.9	84	4.5	285	14
06/10/24 04:35	0	2	2	2	14.2	82	5.1	286	12
06/10/24 04:40	0	2	2	2	14.3	80	4.7	282	14
06/10/24 04:45	0	2	2	2	14.3	79	4.8	279	12
06/10/24 04:50	0	2	3	2	14.5	77	5.4	276	13
06/10/24 04:55	0	2	2	2	14.5	77	5.0	275	12
06/10/24 05:00	0	2	2	2	14.5	75	5.5	273	12
06/10/24 05:05	0	2	2	2	14.5	76	4.2	274	12
06/10/24 05:10	0	2	2	2	14.4	75	5.6	269	12
06/10/24 05:15	0	2	2	2	14.5	74	5.1	272	11
06/10/24 05:20	0	2	2	2	14.4	74	4.9	270	11
06/10/24 05:25	0	2	2	2	14.2	75	4.8	271	9
06/10/24 05:30	0	2	2	2	14.3	74	4.9	270	12
06/10/24 05:35	0	2	2	2	14.2	74	4.7	275	10
06/10/24 05:40	0	2	2	2	14.1	75	3.2	278	13
06/10/24 05:45	0	2	2	2	14.0	74	4.1	279	12
06/10/24 05:50	0	2	2	2	13.9	74	3.8	278	15
06/10/24 05:55	0	2	2	2	13.9	74	3.8	277	18
06/10/24 06:00	0	3	3	2	13.8	74	3.7	286	14

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/10/24 06:05	0	3	3	2	13.8	73	4.4	288	13
06/10/24 06:10	0	3	3	2	13.7	74	3.7	287	16
06/10/24 06:15	0	5	5	2	13.8	74	4.0	288	13
06/10/24 06:20	0	8	8	2	13.8	73	3.5	290	13
06/10/24 06:25	1	9	9	2	13.7	73	3.2	290	14
06/10/24 06:30	0	5	5	2	13.7	73	3.5	295	11
06/10/24 06:35	1	3	4	2	13.8	72	3.8	287	15
06/10/24 06:40	0	4	4	2	13.8	71	4.0	286	15
06/10/24 06:45	0	3	4	2	13.9	71	3.8	285	12
06/10/24 06:50	0	3	4	2	14.0	71	3.8	284	17
06/10/24 06:55	0	3	4	2	14.0	70	4.3	286	14
06/10/24 07:00	0	3	3	2	14.0	70	4.4	285	11
06/10/24 07:05	0	3	3	2	14.1	70	4.5	279	14
06/10/24 07:10	0	3	3	2	14.2	70	4.5	279	13
06/10/24 07:15	1	3	4	2	14.3	69	3.8	281	15
06/10/24 07:20	1	4	5	2	14.5	69	4.6	274	15
06/10/24 07:25	1	4	5	2	14.5	69	3.8	278	14
06/10/24 07:30	1	5	6	2	14.5	69	3.7	272	11
06/10/24 07:35	2	5	7	2	14.5	69	3.2	284	16
06/10/24 07:40	2	6	8	2	14.7	68	3.1	280	15
06/10/24 07:45	2	6	8	2	14.9	67	3.3	280	14
06/10/24 07:50	2	6	8	2	15.1	65	3.7	290	15
06/10/24 07:55	2	6	8	2	15.1	66	3.5	276	19
06/10/24 08:00	2	5	7	2	15.2	66	4.3	281	15
06/10/24 08:05	2	4	6	2	15.1	65	5.7	265	17
06/10/24 08:10	1	4	5	2	15.1	66	6.6	261	13
06/10/24 08:15	1	3	5	2	15.1	66	6.5	264	8
06/10/24 08:20	1	3	4	2	15.2	66	3.6	278	18
06/10/24 08:25	1	4	5	2	15.3	64	4.9	273	17
06/10/24 08:30	1	3	4	2	15.3	64	8.4	262	6
06/10/24 08:35	1	3	4	2	15.4	63	6.5	268	11
06/10/24 08:40	1	2	3	2	15.5	63	4.8	272	10
06/10/24 08:45	1	2	3	2	15.6	63	4.8	274	15
06/10/24 08:50	1	2	3	2	15.7	62	4.6	273	12
06/10/24 08:55	1	3	3	2	15.7	62	4.1	282	15
06/10/24 09:00	1	2	3	2	15.6	63	5.9	264	10
06/10/24 09:05	1	2	3	2	15.6	61	5.4	278	18
06/10/24 09:10	1	2	3	2	15.6	62	6.8	265	8
06/10/24 09:15	0	2	3	2	15.6	63	5.5	269	12
06/10/24 09:20	1	3	4	2	15.7	62	4.1	287	15
06/10/24 09:25	1	4	4	2	15.8	62	5.1	276	13
06/10/24 09:30	1	4	4	2	15.8	63	6.5	267	10
06/10/24 09:35	1	3	4	2	15.7	63	6.0	271	11
06/10/24 09:40	1	3	4	2	15.7	63	5.6	256	9
06/10/24 09:45	1	3	4	2	15.8	64	5.1	271	11
06/10/24 09:50	1	2	3	2	15.7	66	6.0	264	14
06/10/24 09:55	1	4	5	2	14.9	73	4.7	265	16
06/10/24 10:00	1	3	4	2	15.0	72	4.4	273	11
06/10/24 10:05	1	2	3	2	15.4	70	3.4	279	13
06/10/24 10:10	1	2	3	2	15.6	66	5.8	267	8
06/10/24 10:15	1	2	3	2	15.7	65	4.8	271	15
06/10/24 10:20	1	3	3	2	15.7	65	5.9	280	14
06/10/24 10:25	1	3	3	2	15.5	68	6.9	259	9
06/10/24 10:30	1	3	4	2	15.5	69	5.5	259	10
06/10/24 10:35	1	3	5	2	15.7	66	5.8	247	9
06/10/24 10:40	2	4	6	2	15.6	68	3.6	246	18
06/10/24 10:45	2	4	6	2	15.4	71	2.7	242	14
06/10/24 10:50	2	6	8	2	15.8	66	3.7	280	20
06/10/24 10:55	2	2	4	2	15.1	74	6.3	283	13
06/10/24 11:00	2	3	4	2	14.3	81	4.9	281	15
06/10/24 11:05	2	4	6	2	14.0	83	4.5	282	11
06/10/24 11:10	2	5	7	2	14.4	82	2.9	282	17
06/10/24 11:15	2	4	6	2	14.9	77	3.7	297	15
06/10/24 11:20	2	3	4	2	15.3	74	2.7	290	18
06/10/24 11:25	1	2	4	2	15.7	70	3.2	281	17
06/10/24 11:30	1	3	4	2	15.9	68	4.9	280	14
06/10/24 11:35	1	3	4	2	16.1	67	3.8	285	14
06/10/24 11:40	1	3	4	2	16.2	65	3.8	295	19
06/10/24 11:45	1	3	4	2	16.5	63	4.7	278	16
06/10/24 11:50	1	3	4	2	16.7	59	6.3	279	11
06/10/24 11:55	1	3	4	2	16.8	61	4.4	280	13
06/10/24 12:00	1	3	4	2	17.1	60	3.8	288	18
06/10/24 12:05	1	3	4	2	17.1	59	4.4	285	19
06/10/24 12:10	1	2	3	2	17.3	58	4.2	281	13
06/10/24 12:15	1	2	3	2	17.3	55	3.6	281	15
06/10/24 12:20	1	2	3	2	17.4	55	4.1	291	17
06/10/24 12:25	1	2	3	2	17.5	56	3.6	289	18
06/10/24 12:30	1	2	3	2	17.6	55	4.0	280	18
06/10/24 12:35	1	2	3	2	17.6	55	4.3	272	16
06/10/24 12:40	1	3	4	2	17.8	52	4.5	280	13
06/10/24 12:45	1	3	4	2	18.0	51	4.6	279	12
06/10/24 12:50	1	3	4	2	18.1	51	5.9	272	12
06/10/24 12:55	1	2	3	2	18.1	50	4.9	280	13
06/10/24 13:00	1	2	3	2	18.1	51	5.4	279	15

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/10/24 13:05	1	2	3	2	18.4	50	4.5	282	20
06/10/24 13:10	1	2	4	2	18.6	49	5.8	271	13
06/10/24 13:15	1	2	4	2	18.5	50	5.8	273	12
06/10/24 13:20	1	2	3	2	18.7	48	6.3	281	15
06/10/24 13:25	1	2	3	2	18.7	49	6.4	280	12
06/10/24 13:30	1	3	4	2	18.7	47	6.4	284	12
06/10/24 13:35	1	3	4	2	19.0	48	6.0	283	12
06/10/24 13:40	1	2	3	2	19.0	47	5.3	283	13
06/10/24 13:45	1	3	4	2	19.0	47	6.0	274	12
06/10/24 13:50	1	2	3	2	18.9	47	7.9	259	12
06/10/24 13:55	1	2	3	2	19.0	46	5.4	282	13
06/10/24 14:00	1	2	3	2	19.3	44	5.6	281	14
06/10/24 14:05	1	3	4	2	19.4	44	5.3	279	13
06/10/24 14:10	1	3	5	2	19.4	43	5.7	278	13
06/10/24 14:15	1	2	3	2	19.5	44	6.9	269	12
06/10/24 14:20	1	2	3	2	19.3	45	6.2	283	15
06/10/24 14:25	1	2	3	2	19.5	44	5.5	275	12
06/10/24 14:30	1	3	4	2	19.8	44	4.6	289	14
06/10/24 14:35	1	3	3	2	19.9	43	5.4	280	14
06/10/24 14:40	1	2	3	2	19.6	45	5.9	274	12
06/10/24 14:45	1	2	3	2	19.6	45	7.2	268	11
06/10/24 14:50	1	2	3	2	19.8	44	5.8	273	12
06/10/24 14:55	1	2	3	2	19.7	45	6.0	263	13
06/10/24 15:00	1	2	3	2	19.7	44	6.9	263	12
06/10/24 15:05	1	2	3	2	19.9	42	6.6	271	14
06/10/24 15:10	1	2	3	2	20.2	41	7.3	271	11
06/10/24 15:15	1	2	3	2	20.1	43	6.1	275	15
06/10/24 15:20	1	2	3	2	20.3	42	5.3	278	13
06/10/24 15:25	1	2	3	2	20.1	43	6.1	272	12
06/10/24 15:30	1	2	2	2	20.1	42	7.0	270	8
06/10/24 15:35	1	2	2	2	20.2	42	4.9	284	13
06/10/24 15:40	1	2	3	2	20.3	41	5.5	285	11
06/10/24 15:45	1	2	3	2	20.4	42	6.9	269	10
06/10/24 15:50	1	2	3	2	20.1	43	6.1	274	11
06/10/24 15:55	0	2	3	2	20.2	43	3.8	277	14
06/10/24 16:00	0	3	3	2	20.2	43	4.2	277	15
06/10/24 16:05	1	3	4	2	20.3	42	5.0	276	11
06/10/24 16:10	1	3	4	2	20.5	42	4.4	274	12
06/10/24 16:15	1	3	4	2	20.4	43	5.6	277	12
06/10/24 16:20	1	3	4	2	20.1	44	5.8	273	15
06/10/24 16:25	1	4	4	2	20.1	44	5.0	284	11
06/10/24 16:30	1	4	5	2	20.1	44	4.1	283	13
06/10/24 16:35	1	4	5	2	20.2	43	4.2	284	13
06/10/24 16:40	1	4	4	2	20.2	43	4.1	282	13
06/10/24 16:45	1	4	4	2	20.4	43	4.0	282	13
06/10/24 16:50	1	4	4	2	20.4	43	4.5	280	12
06/10/24 16:55	1	3	4	2	20.5	43	3.4	290	13
06/10/24 17:00	1	3	4	2	20.6	43	3.3	283	19
06/10/24 17:05	1	3	4	2	20.6	43	4.8	292	15
06/10/24 17:10	1	3	4	2	20.5	43	5.0	283	15
06/10/24 17:15	1	3	3	2	20.3	44	4.3	283	10
06/10/24 17:20	1	3	4	2	20.2	44	5.0	279	13
06/10/24 17:25	1	4	4	2	20.2	44	4.1	284	16
06/10/24 17:30	0	3	4	2	20.2	43	4.1	282	15
06/10/24 17:35	0	3	3	2	20.2	43	4.8	285	13
06/10/24 17:40	0	3	3	2	20.2	44	3.7	282	15
06/10/24 17:45	0	3	3	2	20.1	44	4.3	281	12
06/10/24 17:50	0	3	3	2	20.2	45	3.5	282	13
06/10/24 17:55	0	3	3	2	20.1	46	2.8	278	17
06/10/24 18:00	0	3	3	2	20.0	45	4.9	282	12
06/10/24 18:05	0	3	3	2	20.0	44	4.9	284	12
06/10/24 18:10	0	3	3	2	19.8	45	3.7	282	15
06/10/24 18:15	0	3	3	2	19.9	44	4.2	283	14
06/10/24 18:20	0	3	3	2	19.8	45	3.7	282	12
06/10/24 18:25	0	3	3	2	19.8	45	3.9	280	12
06/10/24 18:30	0	3	3	2	19.7	45	3.4	284	14
06/10/24 18:35	0	3	3	2	19.8	45	3.7	284	16
06/10/24 18:40	0	3	3	2	19.8	45	3.5	289	12
06/10/24 18:45	0	3	3	2	19.7	45	3.5	288	18
06/10/24 18:50	0	3	3	2	19.7	45	2.7	279	14
06/10/24 18:55	0	4	4	2	19.5	45	2.9	284	14
06/10/24 19:00	0	4	4	2	19.6	46	2.3	291	17
06/10/24 19:05	0	6	6	2	19.5	46	2.4	301	13
06/10/24 19:10	0	13	13	2	19.5	47	2.8	299	12
06/10/24 19:15	1	24	24	2	19.4	47	2.7	301	13
06/10/24 19:20	1	23	24	2	19.4	48	2.6	297	17
06/10/24 19:25	1	15	16	2	19.3	48	2.5	298	15
06/10/24 19:30	1	9	10	2	19.4	48	2.5	295	16
06/10/24 19:35	0	8	8	2	19.3	48	2.5	298	16
06/10/24 19:40	0	7	8	2	19.2	48	2.5	296	14
06/10/24 19:45	0	8	8	2	19.2	48	2.3	295	17
06/10/24 19:50	0	9	9	2	19.3	48	2.2	298	11
06/10/24 19:55	0	12	12	2	19.2	48	2.7	296	14
06/10/24 20:00	0	15	16	2	19.3	47	2.9	301	15

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/10/24 20:05	0	16	16	3	19.4	47	2.9	299	14
06/10/24 20:10	0	14	15	3	19.3	47	3.5	304	17
06/10/24 20:15	0	13	13	2	19.4	47	3.7	301	13
06/10/24 20:20	0	13	13	3	19.4	47	3.5	302	15
06/10/24 20:25	0	15	16	3	19.3	47	2.1	304	20
06/10/24 20:30	1	21	22	3	19.1	48	2.0	313	20
06/10/24 20:35	1	22	23	3	19.0	48	2.2	313	26
06/10/24 20:40	1	22	23	3	18.9	49	1.4	314	23
06/10/24 20:45	1	22	22	3	18.7	50	1.4	319	38
06/10/24 20:50	1	22	23	3	18.6	51	1.3	342	27
06/10/24 20:55	1	22	24	3	18.3	51	1.7	351	31
06/10/24 21:00	1	23	24	3	18.1	52	1.9	346	24
06/10/24 21:05	1	22	24	3	18.0	53	1.4	357	32
06/10/24 21:10	1	22	23	3	17.8	54	1.5	346	27
06/10/24 21:15	1	21	23	3	17.8	54	2.0	355	32
06/10/24 21:20	2	21	22	3	17.7	55	2.4	2	25
06/10/24 21:25	1	20	21	3	17.6	55	2.3	356	25
06/10/24 21:30	1	18	19	3	17.5	55	1.6	326	31
06/10/24 21:35	1	15	16	2	17.5	55	1.6	325	31
06/10/24 21:40	1	15	15	2	17.6	55	1.7	315	28
06/10/24 21:45	1	14	15	2	17.7	55	2.4	311	25
06/10/24 21:50	1	14	15	3	17.8	54	2.5	310	26
06/10/24 21:55	1	14	15	2	17.9	53	2.7	303	19
06/10/24 22:00	1	14	15	2	18.1	53	3.2	304	24
06/10/24 22:05	1	13	14	3	18.1	52	3.3	314	28
06/10/24 22:10	1	13	13	3	18.0	53	2.4	318	31
06/10/24 22:15	0	12	13	3	17.9	52	2.9	318	26
06/10/24 22:20	0	12	12	3	17.9	52	3.2	314	24
06/10/24 22:25	0	11	12	3	17.9	52	3.4	313	26
06/10/24 22:30	0	11	11	3	17.9	52	3.2	311	27
06/10/24 22:35	0	11	11	3	17.8	52	2.8	312	32
06/10/24 22:40	0	11	11	2	17.9	52	3.6	311	18
06/10/24 22:45	0	11	11	2	18.0	52	3.6	304	21
06/10/24 22:50	0	11	11	2	18.0	52	2.9	313	23
06/10/24 22:55	0	11	11	2	18.0	52	3.0	327	28
06/10/24 23:00	0	10	10	2	17.9	52	3.1	322	24
06/10/24 23:05	0	9	10	3	18.0	52	2.3	326	29
06/10/24 23:10	0	9	9	3	18.0	52	3.1	327	29
06/10/24 23:15	0	8	8	3	18.1	51	2.9	338	31
06/10/24 23:20	0	8	8	3	18.0	51	1.6	320	34
06/10/24 23:25	0	7	7	3	17.9	52	1.6	326	32
06/10/24 23:30	0	7	7	3	17.9	52	2.5	336	29
06/10/24 23:35	0	6	7	3	17.9	52	2.4	343	31
06/10/24 23:40	0	6	6	3	17.9	52	2.6	356	27
06/10/24 23:45	0	6	6	2	18.0	53	2.2	340	33
06/10/24 23:50	0	6	6		17.9	53	2.3	358	30
06/10/24 23:55	0	6	6		17.9	54	2.1	347	33
07/10/24 00:00	0	6	6	2	17.8	54	3.0	354	26
07/10/24 00:05	0	6	6	2	17.8	54	2.8	351	22
07/10/24 00:10	0	6	6	2	17.8	54	2.0	353	32
07/10/24 00:15	0	6	6	2	17.8	54	2.4	346	31
07/10/24 00:20	0	5	6	2	18.0	54	2.3	345	34
07/10/24 00:25	0	5	5	2	18.0	54	2.2	335	37
07/10/24 00:30	0	5	5	2	18.0	54	1.9	328	33
07/10/24 00:35	0	5	5	2	18.0	54	3.4	335	24
07/10/24 00:40	0	5	5	2	18.0	55	2.6	334	26
07/10/24 00:45	0	6	6	2	18.0	55	3.0	327	27
07/10/24 00:50	0	6	6	2	18.1	56	2.3	313	29
07/10/24 00:55	0	6	6	2	17.9	57	2.6	313	24
07/10/24 01:00	0	7	7	2	17.9	57	3.4	311	23
07/10/24 01:05					18.1	57	3.3	302	20
07/10/24 01:10					18.0	57	3.4	302	19
07/10/24 01:15					18.0	58	3.4	301	15
07/10/24 01:20					17.9	58	3.4	307	18
07/10/24 01:25					17.9	58	3.5	300	16
07/10/24 01:30					17.9	59	2.9	298	16
07/10/24 01:35					17.9	58	3.5	305	17
07/10/24 01:40					17.9	59	2.9	303	18
07/10/24 01:45					17.8	59	3.1	301	17
07/10/24 01:50					17.8	60	3.7	300	13
07/10/24 01:55					17.7	61	2.9	280	16
07/10/24 02:00					17.5	64	5.4	255	11
07/10/24 02:05	0	5	6	2	16.4	73	3.9	241	6
07/10/24 02:10	0	6	6	2	16.1	73	2.6	264	15
07/10/24 02:15	0	7	7	2	16.1	74	3.3	270	9
07/10/24 02:20	0	7	7	2	16.1	75	3.1	272	13
07/10/24 02:25	0	8	8	2	16.1	75	2.5	272	13
07/10/24 02:30	0	8	8	2	16.1	74	2.4	281	14
07/10/24 02:35	0	7	7	2	16.2	72	2.2	285	13
07/10/24 02:40	0	4	4	2	16.4	70	1.9	281	19
07/10/24 02:45	0	4	4	2	16.8	65	2.8	286	15
07/10/24 02:50	0	3	4	2	17.2	63	3.3	284	17
07/10/24 02:55	0	3	3	1	17.2	61	3.0	283	15
07/10/24 03:00	0	3	3	2	17.2	61	2.9	283	18

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/10/24 03:05	0	2	3	1	17.3	60	3.8	285	14
07/10/24 03:10	0	2	2	2	17.3	59	4.6	286	14
07/10/24 03:15	0	3	2	2	17.4	58	3.5	285	18
07/10/24 03:20	0	3	3	2	17.4	58	2.7	293	13
07/10/24 03:25	0	3	3	2	17.3	58	2.5	296	14
07/10/24 03:30	0	3	3	2	17.3	58	3.6	303	12
07/10/24 03:35	0	3	3	2	17.3	58	3.1	308	17
07/10/24 03:40	0	3	3	2	17.4	58	2.9	313	14
07/10/24 03:45	0	4	4	2	17.3	58	2.2	309	19
07/10/24 03:50	0	6	6	1	17.2	60	2.2	3	23
07/10/24 03:55	0	7	8	1	17.2	61	1.9	354	23
07/10/24 04:00	0	9	9	1	17.0	62	1.8	355	22
07/10/24 04:05	1	9	10	2	17.0	63	2.0	350	27
07/10/24 04:10	1	10	11	2	16.9	63	2.1	346	30
07/10/24 04:15	1	12	12	2	16.9	63	1.9	313	23
07/10/24 04:20	0	13	13	2	16.9	62	1.8	333	28
07/10/24 04:25	0	13	14	2	16.9	62	1.2	339	39
07/10/24 04:30	0	13	13	2	16.9	62	2.1	325	27
07/10/24 04:35	0	13	14	2	16.9	63	2.0	337	27
07/10/24 04:40	0	14	14	2	17.0	64	1.8	322	26
07/10/24 04:45	0	14	14	2	16.9	64	1.5	346	46
07/10/24 04:50	0	14	14	2	16.8	65	2.1	318	25
07/10/24 04:55	0	14	15	2	16.8	65	2.0	315	26
07/10/24 05:00	0	14	15	2	16.8	65	2.5	317	20
07/10/24 05:05	0	14	14	2	16.8	65	1.8	324	31
07/10/24 05:10	0	14	14	2	16.9	65	2.2	330	36
07/10/24 05:15	0	13	14	2	16.8	64	3.5	341	22
07/10/24 05:20	0	14	14	2	16.8	64	2.2	319	31
07/10/24 05:25	1	14	14	2	16.8	64	2.4	322	30
07/10/24 05:30	0	13	14	2	16.8	64	2.5	335	26
07/10/24 05:35	0	13	13	2	16.8	63	2.3	329	32
07/10/24 05:40	0	12	13	2	16.8	63	1.8	332	29
07/10/24 05:45	0	12	12	2	16.7	63	2.9	334	28
07/10/24 05:50	0	12	13	2	16.7	64	2.6	336	32
07/10/24 05:55	1	12	12	2	16.6	64	2.8	337	28
07/10/24 06:00	1	12	13	2	16.4	65	2.0	319	35
07/10/24 06:05	1	12	13	2	16.3	65	3.0	335	26
07/10/24 06:10	1	13	14	2	16.3	66	3.0	320	24
07/10/24 06:15	1	13	14	2	16.3	65	2.8	330	30
07/10/24 06:20	1	13	14	2	16.2	65	2.4	335	32
07/10/24 06:25	1	13	15	2	16.2	65	3.1	336	27
07/10/24 06:30	1	14	15	2	16.2	65	3.4	340	29
07/10/24 06:35	1	14	15	2	16.2	65	2.7	335	33
07/10/24 06:40	2	14	15	2	16.2	65	3.9	330	25
07/10/24 06:45	2	14	15	2	16.3	65	3.1	326	29
07/10/24 06:50	2	14	15	2	16.4	64	2.9	330	33
07/10/24 06:55	2	13	15	2	16.4	64	3.4	321	26
07/10/24 07:00	2	13	14	2	16.3	65	2.9	333	33
07/10/24 07:05	2	13	14	2	16.3	65	2.5	322	34
07/10/24 07:10	2	12	14	2	16.2	65	2.3	333	38
07/10/24 07:15	2	12	13	2	16.2	65	3.1	326	29
07/10/24 07:20	2	11	13	2	16.2	66	2.8	334	35
07/10/24 07:25	2	11	13	2	16.2	66	2.4	327	36
07/10/24 07:30	2	11	12	2	16.2	66	2.6	323	34
07/10/24 07:35	1	10	12	2	16.2	66	3.2	326	34
07/10/24 07:40	1	10	12	2	16.2	66	2.2	324	36
07/10/24 07:45	2	10	12	2	16.2	66	2.5	328	31
07/10/24 07:50	2	11	12	2	16.2	67	1.8	322	36
07/10/24 07:55	2	11	13	2	16.2	67	2.3	323	32
07/10/24 08:00	2	12	14	2	16.1	67	2.1	322	34
07/10/24 08:05	2	12	14	2	16.2	67	2.5	306	20
07/10/24 08:10	2	13	15	2	16.2	67	2.1	299	16
07/10/24 08:15	3	14	17	2	16.3	68	2.3	294	16
07/10/24 08:20	3	14	18	2	16.4	70	2.1	292	19
07/10/24 08:25	3	14	16	2	16.1	73	1.5	292	23
07/10/24 08:30	2	13	15	2	16.0	73	4.2	295	19
07/10/24 08:35	3	13	16	2	16.1	73	5.1	270	12
07/10/24 08:40	3	11	14	2	16.2	73	4.2	269	9
07/10/24 08:45	3	10	12	2	16.3	72	3.1	275	15
07/10/24 08:50	3	10	12	2	16.5	71	3.0	281	13
07/10/24 08:55	4	15	19	2	16.7	69	2.3	292	16
07/10/24 09:00	5	20	25	2	16.8	67	2.8	279	15
07/10/24 09:05	5	16	21	2	17.1	67	3.3	277	15
07/10/24 09:10	5	17	22	2	17.2	65	4.3	280	14
07/10/24 09:15	5	14	20	2	17.3	64	6.0	273	12
07/10/24 09:20	4	5	9	2	17.2	65	5.5	267	13
07/10/24 09:25	3	8	11	2	17.2	65	4.6	270	10
07/10/24 09:30	3	9	12	2	17.3	64	6.9	259	8
07/10/24 09:35	2	8	11	2	17.3	64	8.5	261	5
07/10/24 09:40	2	8	10	2	17.3	65	8.4	263	8
07/10/24 09:45	2	8	10	2	17.3	65	8.2	260	5
07/10/24 09:50	2	9	11	2	17.3	65	4.5	278	13
07/10/24 09:55	3	10	13	2	17.3	65	6.5	271	11
07/10/24 10:00	3	7	9	2	17.4	65	6.0	278	13

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/10/24 10:05	2	7	9	2	17.3	67	4.3	285	15
07/10/24 10:10	2	6	8	2	17.2	68	5.3	278	13
07/10/24 10:15	2	6	8	2	17.2	67	4.9	287	13
07/10/24 10:20	2	7	9	2	17.3	66	5.2	285	11
07/10/24 10:25	2	8	10	2	17.4	66	4.6	281	13
07/10/24 10:30	3	9	12	2	17.4	65	5.2	278	12
07/10/24 10:35	2	8	10	2	17.6	64	4.8	272	14
07/10/24 10:40	2	8	10	2	17.9	62	5.2	275	15
07/10/24 10:45	2	8	10	2	17.9	60	6.9	265	8
07/10/24 10:50	2	7	9	2	18.1	58	8.2	265	9
07/10/24 10:55	2	7	9	2	18.1	58	10.3	263	7
07/10/24 11:00	2	6	8	2	18.0	57	10.2	261	8
07/10/24 11:05	2	6	7	2	18.1	56	10.3	266	8
07/10/24 11:10	1	5	7	2	18.1	56	10.5	259	6
07/10/24 11:15	2	6	7	2	18.1	57	7.7	263	6
07/10/24 11:20	2	6	8	2	18.1	56	6.6	275	12
07/10/24 11:25	1	6	8	2	18.1	56	8.5	266	9
07/10/24 11:30	1	6	8	2	18.1	57	8.1	255	7
07/10/24 11:35	1	7	8	2	17.1	63	10.3	231	8
07/10/24 11:40	1	5	6	2	15.5	73	13.1	229	5
07/10/24 11:45	1	1	2	2	15.2	75	12.9	231	4
07/10/24 11:50	1	1	1	2	15.1	75	12.3	235	7
07/10/24 11:55	0	1	1	2	15.3	70	12.2	235	6
07/10/24 12:00	0	1	1	2	15.7	62	12.1	236	7
07/10/24 12:05	0	1	1	2	15.9	59	9.7	237	7
07/10/24 12:10	0	1	1	2	16.1	60	10.2	234	7
07/10/24 12:15	0	1	1	2	16.1	62	11.2	234	7
07/10/24 12:20	0	1	1	2	16.1	63	10.2	238	9
07/10/24 12:25	1	1	2	2	16.3	63	9.8	243	10
07/10/24 12:30	1	2	2	2	16.5	62	10.2	245	9
07/10/24 12:35	1	2	2	2	16.6	63	9.3	247	6
07/10/24 12:40	1	1	2	2	16.6	64	9.2	232	6
07/10/24 12:45	1	2	2	2	16.7	63	7.4	240	8
07/10/24 12:50	1	2	3	2	17.0	62	8.5	244	9
07/10/24 12:55	1	3	4	1	17.0	61	8.8	250	7
07/10/24 13:00	1	4	5	1	17.0	61	9.4	244	8
07/10/24 13:05	1	2	4	1	16.7	64	10.8	242	9
07/10/24 13:10	2	6	7	1	16.3	66	9.6	248	6
07/10/24 13:15	2	7	9	1	16.3	68	9.0	235	12
07/10/24 13:20	2	1	3	1	15.1	77	9.9	229	6
07/10/24 13:25	2	1	3	1	14.8	78	7.4	226	5
07/10/24 13:30	1	1	2	1	15.3	72	8.9	223	4
07/10/24 13:35	1	1	2	1	15.7	69	9.3	227	7
07/10/24 13:40	1	2	3	1	15.8	66	8.1	235	7
07/10/24 13:45	1	0	2	1	15.9	68	9.5	229	7
07/10/24 13:50	1	0	1	1	15.5	74	8.9	219	8
07/10/24 13:55	1	1	2	1	15.2	77	8.1	208	5
07/10/24 14:00	1	1	2	1	15.1	78	6.4	209	6
07/10/24 14:05	1	3	4	1	15.1	76	6.1	213	3
07/10/24 14:10	1	1	2	1	15.3	75	5.9	211	4
07/10/24 14:15	1	0	1	1	15.6	73	7.0	214	6
07/10/24 14:20	1	2	2	1	15.5	73	6.1	198	13
07/10/24 14:25	3	14	17	0	15.0	75	6.3	191	9
07/10/24 14:30	4	5	8	0	14.6	76	7.2	196	6
07/10/24 14:35	3	3	5	1	14.5	77	6.6	197	6
07/10/24 14:40	6	8	14	1	14.6	76	5.3	190	9
07/10/24 14:45	9	6	15	1	14.5	75	5.6	192	7
07/10/24 14:50	10	6	16	1	14.7	71	5.7	190	7
07/10/24 14:55	9	10	19	1	15.0	71	4.5	185	10
07/10/24 15:00	11	8	19	1	15.0	69	5.4	189	10
07/10/24 15:05	15	12	27	1	15.1	70	5.0	183	10
07/10/24 15:10	11	11	22	1	14.9	68	5.3	189	7
07/10/24 15:15	5	9	14	1	15.0	68	4.7	186	12
07/10/24 15:20	22	20	41	1	15.2	65	5.3	186	11
07/10/24 15:25	2	3	6	1	15.0	65	6.4	188	8
07/10/24 15:30	2	2	4	1	14.7	66	6.9	190	7
07/10/24 15:35	2	1	3	1	14.5	68	6.7	189	8
07/10/24 15:40	1	1	2	1	14.4	70	6.7	193	7
07/10/24 15:45	1	0	1	1	14.2	72	6.3	191	7
07/10/24 15:50	2	3	5	1	14.2	71	6.7	191	8
07/10/24 15:55	2	1	2	1	14.3	70	7.6	190	7
07/10/24 16:00	1	0	2	1	14.2	69	7.4	192	6
07/10/24 16:05	1	1	1	1	14.1	68	8.3	194	5
07/10/24 16:10	1	1	1	1	13.9	69	8.2	193	4
07/10/24 16:15	0	1	1	1	14.0	71	6.6	195	6
07/10/24 16:20	0	1	1	1	14.0	70	6.5	192	7
07/10/24 16:25	0	1	1	1	14.1	67	7.5	195	5
07/10/24 16:30	0	1	1	1	14.1	71	6.3	197	6
07/10/24 16:35	0	1	1	1	14.1	70	6.6	187	7
07/10/24 16:40	0	1	1	1	13.9	72	5.9	189	8
07/10/24 16:45	0	1	1	1	13.9	71	7.3	193	6
07/10/24 16:50	0	1	1	1	13.8	69	7.1	190	8
07/10/24 16:55	0	1	1	1	13.7	66	7.1	190	7
07/10/24 17:00	0	1	2	1	13.8	67	6.4	192	6

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/10/24 17:05	0	1	1	1	14.0	63	7.0	191	7
07/10/24 17:10	0	1	1	1	14.1	67	7.7	198	5
07/10/24 17:15	0	1	1	1	14.1	68	7.4	199	5
07/10/24 17:20	0	1	2	1	14.1	66	6.9	193	6
07/10/24 17:25	0	1	1	1	14.1	68	7.3	195	6
07/10/24 17:30	0	1	1	1	14.1	67	7.2	193	6
07/10/24 17:35	0	1	1	0	14.0	67	6.1	190	8
07/10/24 17:40	1	2	2	1	14.0	67	4.8	185	11
07/10/24 17:45	1	4	6	1	13.8	66	4.7	186	9
07/10/24 17:50	1	2	3	1	14.0	63	6.0	188	7
07/10/24 17:55	1	2	3	1	13.9	63	6.4	190	7
07/10/24 18:00	1	2	3	1	14.0	63	5.8	190	7
07/10/24 18:05	1	1	2	1	13.9	60	5.1	188	8
07/10/24 18:10	1	2	3	1	14.0	60	4.8	188	9
07/10/24 18:15	1	2	3	1	14.0	61	6.2	193	8
07/10/24 18:20	1	0	1	1	14.1	60	6.2	193	7
07/10/24 18:25	1	0	1	1	14.1	61	7.1	192	6
07/10/24 18:30	1	5	6	1	14.0	58	5.7	190	8
07/10/24 18:35	1	5	7	1	14.0	60	7.0	196	6
07/10/24 18:40	1	0	1	1	14.1	65	9.3	197	4
07/10/24 18:45	1	0	1	1	13.7	70	7.8	190	8
07/10/24 18:50	1	0	1	1	13.4	68	7.6	189	7
07/10/24 18:55	1	1	1	1	13.3	69	7.3	189	6
07/10/24 19:00	1	1	1	1	13.3	70	6.8	191	7
07/10/24 19:05	1	1	2	1	13.4	69	5.5	188	10
07/10/24 19:10	1	2	2	1	13.3	69	7.4	195	5
07/10/24 19:15	1	1	2	1	13.4	70	7.7	196	5
07/10/24 19:20	1	1	1	1	13.5	71	7.9	202	4
07/10/24 19:25	0	1	1	0	13.5	72	7.1	199	5
07/10/24 19:30	0	1	1	0	13.4	71	7.7	197	6
07/10/24 19:35	0	1	2	0	13.4	71	7.1	201	5
07/10/24 19:40	0	1	1	1	13.4	70	7.3	199	4
07/10/24 19:45	0	1	1	0	13.3	69	7.5	198	4
07/10/24 19:50	0	1	1	0	13.4	65	8.3	198	5
07/10/24 19:55	0	1	1	0	13.4	65	8.2	199	5
07/10/24 20:00	0	1	1	0	13.3	63	8.0	200	6
07/10/24 20:05	0	2	2	0	13.4	66	7.7	203	6
07/10/24 20:10	0	2	2	0	13.4	65	7.8	203	5
07/10/24 20:15	0	1	2	1	13.3	65	7.4	197	5
07/10/24 20:20	0	1	1	1	13.3	67	6.9	198	5
07/10/24 20:25	0	1	1	0	13.4	67	8.1	203	5
07/10/24 20:30	0	2	2	0	13.3	66	7.7	199	6
07/10/24 20:35	0	2	2	0	13.3	66	7.6	200	5
07/10/24 20:40	0	5	6	0	13.2	67	6.9	198	7
07/10/24 20:45	0	4	4	0	13.2	69	7.1	198	5
07/10/24 20:50	0	2	2	0	13.3	67	7.6	201	5
07/10/24 20:55	0	2	2	1	13.2	65	8.0	197	5
07/10/24 21:00	0	2	2	1	13.2	66	7.2	197	6
07/10/24 21:05	0	2	2	1	13.2	66	7.7	203	4
07/10/24 21:10	0	2	2	1	13.1	65	6.7	204	6
07/10/24 21:15	0	2	2	1	13.2	64	7.0	202	7
07/10/24 21:20	0	4	4	1	13.2	65	6.5	203	8
07/10/24 21:25	1	6	7	1	13.2	65	7.2	203	6
07/10/24 21:30	0	3	3	1	13.1	64	7.3	199	7
07/10/24 21:35	0	2	2	1	13.2	65	7.6	204	4
07/10/24 21:40	0	2	2	1	13.2	63	7.5	201	5
07/10/24 21:45	0	2	2	1	13.1	69	8.1	198	5
07/10/24 21:50	0	2	2	1	12.9	72	7.9	197	6
07/10/24 21:55	0	2	2	1	12.9	72	7.7	195	5
07/10/24 22:00	0	3	3	1	12.8	74	8.1	201	4
07/10/24 22:05	0	3	3	0	12.6	75	8.2	201	4
07/10/24 22:10	0	2	2	0	12.6	75	7.9	198	4
07/10/24 22:15	0	1	1	0	12.4	72	8.6	200	4
07/10/24 22:20	0	1	1	0	12.5	65	7.9	198	5
07/10/24 22:25	0	1	1	0	12.7	64	7.5	204	4
07/10/24 22:30	0	1	1	1	12.8	62	6.4	204	5
07/10/24 22:35	0	1	1	1	12.9	61	6.0	203	5
07/10/24 22:40	0	1	1	1	12.9	60	6.0	209	5
07/10/24 22:45	0	1	1	0	12.9	61	6.2	210	7
07/10/24 22:50	0	1	1	0	12.9	62	7.0	200	6
07/10/24 22:55	0	1	1	0	12.8	63	6.2	196	3
07/10/24 23:00	0	1	1	0	12.7	65	6.0	196	6
07/10/24 23:05	0	1	1	1	12.7	67	5.6	197	7
07/10/24 23:10	0	1	1	1	12.7	68	6.4	198	5
07/10/24 23:15	0	1	1	1	12.7	70	7.3	210	5
07/10/24 23:20	0	1	1	0	12.6	72	7.3	217	4
07/10/24 23:25	0	1	1	0	12.5	70	6.4	215	5
07/10/24 23:30	0	1	1	0	12.5	70	5.8	202	8
07/10/24 23:35	0	1	1	0	12.5	68	6.2	198	5
07/10/24 23:40	0	1	1	0	12.5	68	5.9	204	5
07/10/24 23:45	0	1	1	0	12.7	67	6.2	203	6
07/10/24 23:50	0	1	1		12.6	66	6.5	209	5
07/10/24 23:55	0	1	1		12.6	67	6.3	211	5
08/10/24 00:00	0	1	2	1	12.5	69	5.9	213	4

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/10/24 00:05	0	2	3	1	12.5	70	6.2	212	5
08/10/24 00:10	0	2	2	1	12.6	68	6.5	207	6
08/10/24 00:15	0	2	2	1	12.5	68	6.8	212	4
08/10/24 00:20	0	1	1	1	12.5	71	8.6	206	7
08/10/24 00:25	0	2	2	1	12.3	74	8.1	210	9
08/10/24 00:30	0	2	2	2	12.1	73	7.5	197	5
08/10/24 00:35	0	1	2	1	12.1	70	6.3	192	6
08/10/24 00:40	1	5	6	2	12.0	68	4.8	191	8
08/10/24 00:45	2	12	14	2	12.1	63	4.6	186	11
08/10/24 00:50	3	10	13	2	12.1	63	4.7	180	11
08/10/24 00:55	2	6	8	2	12.2	63	3.5	179	15
08/10/24 01:00	2	5	7	2	12.3	62	4.2	169	17
08/10/24 01:05					12.2	65	3.5	176	16
08/10/24 01:10					12.2	66	2.3	174	19
08/10/24 01:15					11.9	67	2.3	159	25
08/10/24 01:20					11.9	68	3.2	178	14
08/10/24 01:25					12.1	68	3.2	175	17
08/10/24 01:30					12.1	67	2.7	172	20
08/10/24 01:35					12.1	64	3.5	183	10
08/10/24 01:40					12.3	59	5.3	185	9
08/10/24 01:45					12.1	65	5.0	206	15
08/10/24 01:50					11.7	69	2.3	182	31
08/10/24 01:55					11.9	68	3.1	162	25
08/10/24 02:00					12.2	67	4.3	175	15
08/10/24 02:05	1	1	1	2	12.3	65	4.1	177	19
08/10/24 02:10	1	1	2	2	12.4	64	4.4	176	15
08/10/24 02:15	1	2	3	2	12.2	65	3.6	173	22
08/10/24 02:20	1	1	1	1	12.2	66	2.8	160	27
08/10/24 02:25	1	1	1	2	12.3	67	3.4	173	20
08/10/24 02:30	0	1	1	2	12.3	63	4.0	172	19
08/10/24 02:35	0	1	1	2	12.3	62	4.0	170	18
08/10/24 02:40	0	1	1	2	12.2	63	3.8	170	19
08/10/24 02:45	1	1	2	2	12.2	61	4.1	169	20
08/10/24 02:50	1	2	2	2	12.2	63	2.8	169	25
08/10/24 02:55	0	1	2	2	12.2	63	4.0	174	15
08/10/24 03:00	1	2	3	2	12.2	64	4.1	181	14
08/10/24 03:05	1	2	3	2	12.0	63	6.1	180	12
08/10/24 03:10	1	3	4	2	11.3	64	3.6	177	20
08/10/24 03:15	1	3	4	2	11.2	66	4.0	179	17
08/10/24 03:20	2	7	9	2	11.8	67	5.9	186	10
08/10/24 03:25	2	4	6	2	11.5	67	5.9	177	12
08/10/24 03:30	2	5	7	2	11.5	66	5.6	182	10
08/10/24 03:35	2	4	6	2	11.5	68	6.7	191	6
08/10/24 03:40				1	11.5	65	7.2	191	9
08/10/24 03:45	2	3	5	1	11.5	62	5.0	181	11
08/10/24 03:50	3	9	11	1	11.5	64	5.4	190	9
08/10/24 03:55	6	7	13	2	11.6	63	4.2	184	9
08/10/24 04:00	9	12	21	1	11.5	62	4.1	186	11
08/10/24 04:05	0	5	6	1	11.5	62	3.8	186	8
08/10/24 04:10	7	13	21	2	11.6	63	3.8	177	18
08/10/24 04:15	2	2	3	2	11.9	61	4.3	176	16
08/10/24 04:20	0	1	1	2	11.9	57	4.8	177	12
08/10/24 04:25	9	13	22	2	11.9	57	4.1	175	16
08/10/24 04:30	0	2	2	2	11.9	60	3.1	173	21
08/10/24 04:35	0	1	2	1	11.9	59	4.1	173	18
08/10/24 04:40	0	1	2	1	12.0	55	4.6	178	14
08/10/24 04:45	1	3	4	1	11.9	57	4.8	175	15
08/10/24 04:50	1	7	9	2	11.9	54	5.2	179	11
08/10/24 04:55	2	4	6	2	11.9	55	5.0	177	14
08/10/24 05:00	1	3	4	2	12.0	59	3.7	178	15
08/10/24 05:05	1	2	3	1	12.0	60	3.9	174	15
08/10/24 05:10	1	3	5	2	12.1	61	4.3	179	15
08/10/24 05:15	1	3	4	2	12.0	60	4.0	170	19
08/10/24 05:20	1	1	2	2	12.0	60	3.9	162	22
08/10/24 05:25	1	0	1	2	12.0	61	3.8	164	18
08/10/24 05:30	1	0	1	2	11.9	64	3.5	156	28
08/10/24 05:35	1	0	1	2	11.7	62	5.9	143	19
08/10/24 05:40	0	0	1	1	11.9	62	2.7	164	32
08/10/24 05:45	0	0	1	1	11.9	62	3.6	169	21
08/10/24 05:50	0	0	1	1	11.8	62	3.4	161	26
08/10/24 05:55	0	1	1	2	11.8	63	4.3	172	15
08/10/24 06:00	1	1	1	2	11.9	62	3.2	162	28
08/10/24 06:05	0	1	1	2	11.8	63	3.3	167	23
08/10/24 06:10	0	1	1	2	11.8	62	3.3	169	22
08/10/24 06:15	0	1	1	2	12.0	63	3.6	170	20
08/10/24 06:20	0	1	1	2	12.1	61	4.1	168	19
08/10/24 06:25	0	1	1	2	12.2	61	3.2	166	24
08/10/24 06:30	0	1	1	2	12.2	59	3.9	163	22
08/10/24 06:35	0	1	1	2	12.4	59	3.7	162	22
08/10/24 06:40	0	1	1	2	12.5	58	4.0	167	18
08/10/24 06:45	0	1	1	2	12.3	61	7.7	135	14
08/10/24 06:50	0	1	1	2	11.8	66	5.6	122	15
08/10/24 06:55	0	1	2	1	11.9	65	5.5	123	14
08/10/24 07:00	0	1	2	1	11.8	64	5.8	124	12

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/10/24 07:05	0	1	2	1	11.6	65	5.2	128	13
08/10/24 07:10	1	1	2	1	11.7	65	3.5	124	16
08/10/24 07:15	1	1	2	1	11.9	63	4.2	123	13
08/10/24 07:20	1	1	2	2	11.9	62	3.7	120	14
08/10/24 07:25	1	2	2	1	12.0	61	4.3	124	14
08/10/24 07:30	1	2	3	1	12.2	62	3.0	113	15
08/10/24 07:35	1	2	3	1	12.4	59	3.1	114	15
08/10/24 07:40	1	3	3	1	12.5	58	3.7	132	17
08/10/24 07:45	1	3	3	2	12.6	59	4.4	135	17
08/10/24 07:50	1	2	3	2	12.5	58	4.3	142	18
08/10/24 07:55	1	2	2	2	12.7	57	4.5	143	21
08/10/24 08:00	0	1	2	2	12.8	59	2.9	159	28
08/10/24 08:05	0	1	1	2	12.9	59	3.0	157	29
08/10/24 08:10	0	1	1	1	12.9	58	2.5	164	37
08/10/24 08:15	0	1	1	1	13.0	56	3.0	153	27
08/10/24 08:20	0	1	1	2	12.9	56	2.5	155	33
08/10/24 08:25	7	10	17	2	12.9	56	3.9	167	21
08/10/24 08:30	10	9	19	2	12.9	54	2.7	164	24
08/10/24 08:35	4	3	7	2	13.0	54	3.9	145	23
08/10/24 08:40	14	10	25	1	13.0	54	3.6	164	18
08/10/24 08:45	7	6	12	2	12.9	53	4.6	140	20
08/10/24 08:50	0	1	1	2	12.6	54	4.7	142	16
08/10/24 08:55	0	1	1	2	12.6	55	6.5	135	10
08/10/24 09:00	1	0	2	2	12.7	57	2.3	158	33
08/10/24 09:05	11	6	16	2	12.8	57	3.0	165	23
08/10/24 09:10	80	32	112	2	12.6	59	3.7	181	9
08/10/24 09:15	54	24	79	2	12.4	60	3.6	170	17
08/10/24 09:20	26	16	43	2	12.4	61	3.2	170	17
08/10/24 09:25	4	6	10	2	12.4	62	3.7	182	13
08/10/24 09:30	0	1	2	2	12.8	60	3.5	181	14
08/10/24 09:35	1	1	2	2	13.2	58	3.8	185	12
08/10/24 09:40	1	2	2	2	13.2	58	3.8	181	14
08/10/24 09:45	1	2	2	2	13.1	58	4.2	183	11
08/10/24 09:50	1	1	2	2	12.9	58	4.2	182	11
08/10/24 09:55	0	1	2	2	12.9	59	4.2	181	13
08/10/24 10:00	0	1	2	2	13.0	60	3.1	175	17
08/10/24 10:05	0	1	1	2	13.1	60	3.4	175	16
08/10/24 10:10	0	1	1	2	13.4	57	3.2	175	23
08/10/24 10:15	0	1	1	2	13.5	56	3.5	175	17
08/10/24 10:20	0	1	1	2	13.3	56	3.6	178	16
08/10/24 10:25	0	1	1	2	13.5	57	2.8	163	22
08/10/24 10:30	0	1	1	2	14.0	53	3.1	166	21
08/10/24 10:35	1	1	1	2	13.7	52	3.1	175	15
08/10/24 10:40	1	1	2	2	13.4	56	3.2	167	23
08/10/24 10:45	1	1	2	2	13.0	60	4.8	127	13
08/10/24 10:50	1	1	2	2	12.6	62	5.3	132	7
08/10/24 10:55	1	1	2	2	12.4	63	4.9	135	13
08/10/24 11:00	0	1	1	2	12.5	61	4.0	137	15
08/10/24 11:05	0	1	1	2	12.7	58	3.4	146	23
08/10/24 11:10	0	1	1	2	12.9	58	2.4	157	26
08/10/24 11:15	0	1	1	2	13.2	59	2.3	159	28
08/10/24 11:20	0	1	1	2	13.4	59	2.6	161	25
08/10/24 11:25	0	1	1	2	13.4	58	3.0	146	21
08/10/24 11:30	0	1	1	2	13.7	58	2.9	163	19
08/10/24 11:35	0	1	1	2	14.0	56	2.5	156	23
08/10/24 11:40	0	1	1	2	14.1	56	2.1	163	26
08/10/24 11:45	0	1	1	2	14.3	55	2.3	173	19
08/10/24 11:50	0	1	1	2	14.0	52	4.2	194	7
08/10/24 11:55	0	1	1	2	13.6	54	4.0	185	12
08/10/24 12:00	0	1	1	2	14.2	53	2.7	174	16
08/10/24 12:05	0	1	1	2	14.7	53	3.2	186	12
08/10/24 12:10	0	1	1	2	14.3	53	4.1	188	12
08/10/24 12:15	0	1	1	2	13.9	54	4.1	190	9
08/10/24 12:20	0	1	1	2	14.2	55	4.4	187	11
08/10/24 12:25	0	1	1	2	14.4	57	4.0	177	15
08/10/24 12:30	0	1	1	2	14.3	58	4.2	179	12
08/10/24 12:35	0	0	1	2	14.0	58	5.0	182	11
08/10/24 12:40	0	1	1	2	13.7	57	5.0	183	11
08/10/24 12:45	0	1	1	2	13.7	56	4.4	185	9
08/10/24 12:50	1	1	2	2	13.9	55	4.4	188	10
08/10/24 12:55	0	1	1	2	14.0	55	4.2	183	12
08/10/24 13:00	0	1	1	2	14.3	53	3.3	181	11
08/10/24 13:05	0	1	1	2	14.6	55	3.2	182	15
08/10/24 13:10	0	1	1	2	14.5	54	3.4	186	10
08/10/24 13:15	0	1	1	2	14.4	53	3.3	184	12
08/10/24 13:20	0	1	1	2	14.6	51	3.8	184	14
08/10/24 13:25	0	1	1	2	14.4	55	4.1	185	11
08/10/24 13:30	0	1	1	2	14.3	56	3.4	184	12
08/10/24 13:35	0	1	1	2	14.6	55	3.9	186	11
08/10/24 13:40	0	1	1	2	14.9	53	3.6	187	9
08/10/24 13:45	0	1	2	2	14.8	51	4.1	187	10
08/10/24 13:50	0	1	2	2	14.8	50	3.9	183	12
08/10/24 13:55	0	1	1	2	15.0	53	3.2	177	13
08/10/24 14:00	0	1	1	2	15.3	52	3.2	174	16

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/10/24 14:05	0	1	1	2	15.3	52	3.5	182	13
08/10/24 14:10	0	1	1	2	15.1	54	3.7	182	13
08/10/24 14:15	0	1	1	2	14.9	51	4.1	185	10
08/10/24 14:20	0	1	1	2	14.8	54	3.8	187	13
08/10/24 14:25	0	1	1	1	14.8	53	3.9	182	12
08/10/24 14:30	0	1	1	2	14.9	54	4.0	184	11
08/10/24 14:35	0	1	1	2	15.1	52	4.0	185	11
08/10/24 14:40	0	1	1	2	15.0	51	4.1	185	12
08/10/24 14:45	0	1	1	2	14.8	50	4.5	182	11
08/10/24 14:50	0	1	1	2	14.7	50	4.9	184	12
08/10/24 14:55	0	1	1	2	14.8	51	4.6	182	10
08/10/24 15:00	0	1	1	2	14.8	49	4.5	185	12
08/10/24 15:05	0	1	1	2	15.0	51	4.6	188	10
08/10/24 15:10	0	0	1	2	14.8	49	4.5	189	10
08/10/24 15:15	0	0	1	2	14.9	51	4.5	185	11
08/10/24 15:20	0	0	1	2	14.9	49	4.8	191	8
08/10/24 15:25	0	1	1	2	14.3	53	6.2	194	6
08/10/24 15:30	0	1	1	2	14.5	54	5.1	189	9
08/10/24 15:35	0	1	1	2	14.4	55	5.5	192	8
08/10/24 15:40	0	1	1	2	14.2	54	6.2	191	7
08/10/24 15:45	0	1	0	2	14.3	55	6.2	188	9
08/10/24 15:50	0	1	0	2	14.6	54	4.9	186	9
08/10/24 15:55	0	1	0	2	14.5	56	5.7	185	8
08/10/24 16:00	0	1	1	2	14.5	55	5.6	186	10
08/10/24 16:05	0	0	1	2	14.4	54	5.3	189	9
08/10/24 16:10	0	1	1	2	14.4	55	5.0	188	9
08/10/24 16:15	0	1	1	2	14.4	54	5.0	188	9
08/10/24 16:20	0	0	1	2	14.4	54	5.0	185	10
08/10/24 16:25	0	0	1	2	14.5	52	5.6	183	10
08/10/24 16:30	0	0	1	2	14.2	53	4.9	184	10
08/10/24 16:35	0	0	1	2	14.3	53	5.2	188	10
08/10/24 16:40	0	0	1	2	14.3	53	4.8	182	11
08/10/24 16:45	0	1	1	2	14.5	56	3.9	175	16
08/10/24 16:50	0	1	1	2	14.6	56	3.7	179	13
08/10/24 16:55	0	1	1	2	14.6	55	3.9	172	18
08/10/24 17:00	0	1	1	2	14.6	57	3.9	177	16
08/10/24 17:05	0	1	1	2	14.6	56	3.8	179	14
08/10/24 17:10	0	1	1	2	14.6	55	4.1	180	12
08/10/24 17:15	0	1	0	2	14.4	55	3.9	177	14
08/10/24 17:20	0	1	1	2	14.4	56	3.8	179	13
08/10/24 17:25	0	1	1	2	14.4	56	3.7	180	14
08/10/24 17:30	0	1	1	2	14.3	55	4.6	182	11
08/10/24 17:35	0	1	1	2	14.1	55	4.9	182	12
08/10/24 17:40	0	1	1	2	13.9	54	5.9	180	9
08/10/24 17:45	0	1	1	2	13.8	55	5.4	182	10
08/10/24 17:50	0	1	2	2	13.8	61	4.4	184	13
08/10/24 17:55	0	1	2	1	13.8	60	4.1	164	16
08/10/24 18:00	0	1	2	1	13.7	60	3.8	170	21
08/10/24 18:05	0	1	1	2	13.5	58	4.4	165	17
08/10/24 18:10	0	1	1	2	13.4	61	2.9	160	32
08/10/24 18:15	0	1	1	2	13.4	62	3.5	164	23
08/10/24 18:20	0	1	1	2	13.3	61	4.3	183	12
08/10/24 18:25	0	1	1	2	13.0	61	4.1	163	16
08/10/24 18:30	0	1	1	2	12.9	66	3.2	167	22
08/10/24 18:35	0	1	1	2	12.7	66	3.3	165	28
08/10/24 18:40	0	1	1	2	12.5	64	3.6	159	24
08/10/24 18:45	0	1	1	2	12.6	64	3.5	164	20
08/10/24 18:50	0	0	1	2	12.6	64	2.8	158	27
08/10/24 18:55	0	1	1	2	12.5	62	3.3	159	22
08/10/24 19:00	0	1	1	2	12.5	61	3.1	166	27
08/10/24 19:05	0	1	1	2	12.5	62	3.4	150	29
08/10/24 19:10	0	1	1	2	12.3	62	4.1	155	20
08/10/24 19:15	0	1	1	2	12.4	61	4.0	156	23
08/10/24 19:20	0	0	1	2	12.4	61	3.0	156	27
08/10/24 19:25	0	0	1	2	12.4	63	3.5	156	23
08/10/24 19:30	0	0	1	2	12.3	63	3.0	153	24
08/10/24 19:35	0	0	1	2	12.3	63	3.4	148	25
08/10/24 19:40	0	0	1	2	12.2	63	3.0	150	25
08/10/24 19:45	0	0	1	2	12.2	64	2.8	164	29
08/10/24 19:50	0	0	0	2	12.3	63	2.4	162	29
08/10/24 19:55	0	0	1	2	12.3	62	4.2	144	20
08/10/24 20:00	0	0	1	2	12.2	62	4.7	141	19
08/10/24 20:05	0	0	0	2	12.2	61	4.4	145	16
08/10/24 20:10	0	0	1	2	12.2	63	3.1	136	27
08/10/24 20:15	0	0	1	2	12.2	65	2.7	118	24
08/10/24 20:20	0	1	1	2	12.1	64	3.8	112	14
08/10/24 20:25	0	1	1	2	12.0	65	4.2	107	9
08/10/24 20:30	0	2	2	2	11.9	66	4.2	107	8
08/10/24 20:35	0	2	2	2	11.9	66	3.0	108	12
08/10/24 20:40	0	3	3	2	11.8	65	2.7	96	10
08/10/24 20:45	0	4	4	2	11.5	67	3.1	104	10
08/10/24 20:50	0	5	5	2	11.6	66	3.5	110	9
08/10/24 20:55	0	5	5	2	11.6	65	4.0	111	10
08/10/24 21:00	0	5	4	2	11.5	65	3.3	113	10

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/10/24 21:05	0	4	4	2	11.5	65	3.4	112	13
08/10/24 21:10	0	4	4	2	11.5	65	4.3	108	7
08/10/24 21:15	0	4	4	2	11.6	66	4.2	108	7
08/10/24 21:20	0	4	4	2	11.5	67	4.2	105	6
08/10/24 21:25	0	4	5	2	11.5	66	3.5	104	8
08/10/24 21:30	0	5	5	2	11.4	68	2.8	104	11
08/10/24 21:35	0	5	5	2	11.4	66	3.0	111	9
08/10/24 21:40	0	5	5	2	11.4	68	2.3	113	16
08/10/24 21:45	0	5	5	2	11.3	68	2.8	106	10
08/10/24 21:50	0	5	5	2	11.1	68	3.2	101	7
08/10/24 21:55	0	6	6	2	11.0	68	3.6	99	6
08/10/24 22:00	0	7	7	2	11.0	67	2.9	98	8
08/10/24 22:05	0	8	8	2	10.8	67	3.2	97	6
08/10/24 22:10	0	9	9	2	10.7	67	3.3	98	6
08/10/24 22:15	0	10	10	2	10.6	66	3.0	94	7
08/10/24 22:20	0	10	10	2	10.4	66	3.0	94	7
08/10/24 22:25	0	10	10	2	10.4	65	2.9	95	7
08/10/24 22:30	0	10	10	2	10.5	66	2.7	96	6
08/10/24 22:35	0	10	10	2	10.5	66	2.8	96	7
08/10/24 22:40	0	10	10	2	10.5	66	2.6	94	8
08/10/24 22:45	0	10	10	2	10.4	65	2.8	95	6
08/10/24 22:50	0	10	10	2	10.4	66	2.6	94	8
08/10/24 22:55	0	10	10	2	10.4	67	2.6	102	6
08/10/24 23:00	0	10	10	2	10.4	68	2.9	101	7
08/10/24 23:05	0	9	9	2	10.5	70	2.7	104	9
08/10/24 23:10	0	9	9	2	10.6	70	2.8	102	7
08/10/24 23:15	0	9	9	2	10.6	71	2.8	104	8
08/10/24 23:20	0	9	9	2	10.8	72	2.9	105	9
08/10/24 23:25	0	9	9	2	10.5	69	3.6	97	6
08/10/24 23:30	0	9	9	2	10.3	67	3.6	98	5
08/10/24 23:35	0	9	9	2	10.1	69	3.2	99	5
08/10/24 23:40	0	9	9	2	10.2	69	3.2	99	6
08/10/24 23:45	0	8	8	2	10.1	68	3.3	97	7
08/10/24 23:50	0	8	8		10.0	67	3.3	95	5
08/10/24 23:55	0	7	7		9.9	67	3.1	96	6
09/10/24 00:00	0	7	7	2	9.9	68	3.0	96	5
09/10/24 00:05	0	7	7	2	9.8	68	3.1	97	5
09/10/24 00:10	0	7	7	2	9.8	68	3.0	97	6
09/10/24 00:15	0	6	7	2	9.8	68	2.9	96	5
09/10/24 00:20	0	6	6	3	9.7	67	3.0	97	5
09/10/24 00:25	0	6	6	3	9.8	68	2.8	96	7
09/10/24 00:30	0	6	6	3	9.8	67	3.1	98	6
09/10/24 00:35	0	5	5	3	9.8	67	2.9	96	6
09/10/24 00:40	0	5	5	2	9.8	66	2.6	95	8
09/10/24 00:45	0	5	5	2	9.8	66	2.8	98	7
09/10/24 00:50	0	4	4	2	9.8	66	3.1	96	6
09/10/24 00:55	0	4	4	2	9.8	67	3.0	95	7
09/10/24 01:00	0	4	4	2	9.7	66	2.8	94	7
09/10/24 01:05					9.7	66	2.8	96	7
09/10/24 01:10					9.7	67	2.7	100	6
09/10/24 01:15					9.6	67	2.8	98	6
09/10/24 01:20					9.7	68	2.5	100	7
09/10/24 01:25					9.6	68	2.2	98	9
09/10/24 01:30					9.6	68	2.5	102	7
09/10/24 01:35					9.7	69	2.2	100	6
09/10/24 01:40					9.6	68	2.1	101	6
09/10/24 01:45					9.6	69	2.1	103	8
09/10/24 01:50					9.6	67	2.5	102	8
09/10/24 01:55					9.5	67	2.3	100	6
09/10/24 02:00					9.5	66	2.4	97	5
09/10/24 02:05	0	4	5	2	9.4	66	2.4	96	4
09/10/24 02:10	0	4	5	2	9.4	65	2.2	97	6
09/10/24 02:15	0	4	5	2	9.4	65	2.0	96	6
09/10/24 02:20	0	5	5	2	9.3	66	1.8	97	6
09/10/24 02:25	0	5	5	2	9.2	66	1.7	96	4
09/10/24 02:30	0	5	5	2	9.1	66	1.9	96	7
09/10/24 02:35	0	6	6	2	9.2	67	1.8	100	7
09/10/24 02:40	0	6	6	2	9.1	67	1.9	96	4
09/10/24 02:45	0	6	6	2	9.1	66	1.8	94	6
09/10/24 02:50	0	6	6	2	9.1	66	2.0	93	4
09/10/24 02:55	0	7	6	2	8.9	66	1.7	92	6
09/10/24 03:00	0	7	7	2	8.7	67	1.4	88	6
09/10/24 03:05	0	7	7	2	8.7	67	1.4	90	6
09/10/24 03:10	0	7	7	2	8.7	68	1.6	96	7
09/10/24 03:15	0	7	7	2	8.8	69	1.5	104	7
09/10/24 03:20	0	7	7	2	8.8	69	1.4	99	8
09/10/24 03:25	0	7	6	2	8.9	68	1.8	101	6
09/10/24 03:30	0	6	6	2	8.9	67	2.0	94	4
09/10/24 03:35	0	6	6	2	8.8	66	2.0	92	6
09/10/24 03:40	0	6	6	2	8.8	66	2.2	92	5
09/10/24 03:45	0	5	5	2	8.8	66	2.4	91	4
09/10/24 03:50	0	5	5	2	8.8	66	2.3	92	4
09/10/24 03:55	0	5	5	2	8.8	67	2.3	94	4
09/10/24 04:00	0	5	5	2	8.6	67	2.2	92	3

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/10/24 04:05	0	5	5	2	8.5	68	2.0	93	3
09/10/24 04:10	0	5	6	2	8.4	70	2.0	97	5
09/10/24 04:15	0	6	6	2	8.5	71	1.6	102	4
09/10/24 04:20	0	6	6	2	8.5	71	1.4	104	8
09/10/24 04:25	0	6	6	2	8.6	71	1.5	95	9
09/10/24 04:30	0	7	7	2	8.3	71	1.4	90	4
09/10/24 04:35	0	7	7	2	8.1	71	1.4	99	4
09/10/24 04:40	0	8	8	2	8.0	72	1.0	107	12
09/10/24 04:45	0	8	8	2	8.2	73	1.3	105	6
09/10/24 04:50	0	8	8	2	8.3	72	1.0	97	6
09/10/24 04:55	0	8	8	2	8.1	72	0.7	91	10
09/10/24 05:00	0	8	8	2	8.0	72	1.0	82	7
09/10/24 05:05	0	9	9	2	8.1	72	1.1	87	5
09/10/24 05:10	0	9	9	2	7.9	72	1.0	74	14
09/10/24 05:15	0	10	11	2	7.9	72	1.4	51	7
09/10/24 05:20	0	12	12	3	8.1	71	1.5	62	9
09/10/24 05:25	0	13	14	2	8.2	70	1.5	62	10
09/10/24 05:30	1	15	15	2	8.2	70	1.3	64	11
09/10/24 05:35	1	19	19	3	8.2	70	1.2	41	11
09/10/24 05:40	2	31	33	2	8.0	72	1.1	11	15
09/10/24 05:45	41	31	72	3	7.9	73	0.5	352	20
09/10/24 05:50	102	32	134	3	7.8	74	0.3	319	30
09/10/24 05:55	122	34	156	3	7.8	76	0.4	306	29
09/10/24 06:00	135	35	170	3	7.8	77	0.6	291	16
09/10/24 06:05	137	35	172	3	7.8	77	0.9	288	9
09/10/24 06:10	143	36	179	3	7.9	76	1.2	300	6
09/10/24 06:15	157	32	189	3	7.9	75	1.4	305	7
09/10/24 06:20	175	35	210	4	8.0	75	1.4	306	10
09/10/24 06:25	186	37	223	4	7.9	75	1.7	300	5
09/10/24 06:30	184	34	218	4	8.0	74	1.4	303	7
09/10/24 06:35	181	33	214	4	8.1	74	0.9	303	10
09/10/24 06:40	179	36	215	4	8.2	72	0.9	293	11
09/10/24 06:45	178	36	214	4	8.4	72	0.8	293	13
09/10/24 06:50	178	35	213	4	8.7	72	0.7	276	17
09/10/24 06:55	167	29	197	4	9.0	71	0.9	258	10
09/10/24 07:00	143	33	176	4	9.3	70	0.7	256	9
09/10/24 07:05	141	35	175	4	9.2	70	0.8	250	11
09/10/24 07:10	139	34	173	4	9.4	69	0.7	244	14
09/10/24 07:15	132	34	166	4	9.5	69	0.8	270	12
09/10/24 07:20	129	33	163	4	9.7	67	1.0	296	15
09/10/24 07:25	110	39	149	4	9.9	63	0.7	310	27
09/10/24 07:30	116	35	151	4	10.0	63	1.0	293	10
09/10/24 07:35	127	37	164	4	10.2	63	0.7	279	19
09/10/24 07:40	123	37	160	4	10.4	62	0.8	275	23
09/10/24 07:45	124	37	160	4	10.7	61	0.8	272	21
09/10/24 07:50	124	37	162	4	10.9	60	0.4	216	67
09/10/24 07:55	122	37	159	5	11.6	59	0.5	170	30
09/10/24 08:00	113	42	156	4	12.1	57	0.6	166	42
09/10/24 08:05	53	25	78	4	12.5	52	1.0	113	26
09/10/24 08:10	27	23	50	4	13.1	51	1.2	108	28
09/10/24 08:15	20	19	39	4	13.2	49	0.9	104	24
09/10/24 08:20	24	20	44	4	13.1	48	1.1	97	30
09/10/24 08:25	17	20	37	4	13.1	50	1.2	122	21
09/10/24 08:30	15	19	34	4	13.3	50	0.7	153	21
09/10/24 08:35	14	17	31	3	13.5	48	0.8	147	27
09/10/24 08:40	11	16	27	4	13.9	46	1.6	142	20
09/10/24 08:45	9	14	24	4	13.7	45	2.1	132	25
09/10/24 08:50	5	6	11	4	13.3	45	2.8	131	11
09/10/24 08:55	3	6	9	4	13.0	46	2.6	129	14
09/10/24 09:00	3	6	9	4	13.1	47	2.4	119	16
09/10/24 09:05	3	6	9	4	13.3	46	2.2	128	23
09/10/24 09:10	3	6	9	4	13.5	46	2.6	137	13
09/10/24 09:15	3	5	8	3	13.4	45	2.4	141	20
09/10/24 09:20	2	5	7	3	13.5	44	2.1	128	19
09/10/24 09:25	2	5	7	3	13.6	45	1.7	153	24
09/10/24 09:30	2	4	6	3	13.8	44	1.9	149	23
09/10/24 09:35	2	4	6	3	14.1	45	1.7	152	22
09/10/24 09:40	2	4	6	3	14.4	46	2.0	184	14
09/10/24 09:45	2	5	7	3	14.2	47	1.9	180	17
09/10/24 09:50	2	6	8	3	14.2	49	2.5	191	10
09/10/24 09:55	3	6	9	3	13.7	50	2.4	184	13
09/10/24 10:00	3	6	9	3	13.9	50	2.3	188	10
09/10/24 10:05	3	7	10	3	13.6	49	2.9	196	10
09/10/24 10:10	4	10	14	3	13.0	53	3.9	197	6
09/10/24 10:15	5	11	16	3	12.6	55	4.3	202	7
09/10/24 10:20	5	10	15	4	12.4	54	3.8	199	7
09/10/24 10:25	6	12	18	4	12.5	56	3.4	194	7
09/10/24 10:30	7	15	23	4	13.0	56	2.9	195	10
09/10/24 10:35	6	11	17	4	12.9	55	3.0	196	8
09/10/24 10:40	6	11	17	4	12.9	57	3.3	197	6
09/10/24 10:45	6	10	16	4	12.7	57	3.0	199	6
09/10/24 10:50	9	24	33	4	12.7	56	3.3	198	6
09/10/24 10:55	33	25	58	4	12.7	56	3.4	196	4
09/10/24 11:00	4	7	11	4	12.6	57	3.4	205	6

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/10/24 11:05	4	6	10	4	12.7	58	3.5	204	7
09/10/24 11:10	3	5	8	4	12.6	58	3.3	201	5
09/10/24 11:15	3	5	8	4	12.6	58	3.6	204	5
09/10/24 11:20	3	5	8	3	12.7	58	3.8	200	5
09/10/24 11:25	3	5	8	3	12.7	58	3.8	196	5
09/10/24 11:30	3	6	9	3	12.8	57	3.8	198	5
09/10/24 11:35	3	6	9	3	12.8	59	4.0	200	6
09/10/24 11:40	3	6	10	3	12.9	57	3.9	195	6
09/10/24 11:45	3	6	10	3	13.0	58	4.3	194	5
09/10/24 11:50	3	5	8	3	13.1	57	4.7	195	4
09/10/24 11:55	3	5	8	3	13.2	57	4.7	195	4
09/10/24 12:00	3	5	7	3	13.0	56	4.4	193	4
09/10/24 12:05	3	5	8	3	13.1	58	4.9	195	3
09/10/24 12:10	3	6	9	3	13.2	58	3.9	194	7
09/10/24 12:15	3	7	10	3	13.6	58	4.2	195	7
09/10/24 12:20	4	9	13	3	13.5	57	3.5	191	9
09/10/24 12:25	5	12	17	3	14.2	57	2.4	184	12
09/10/24 12:30	5	11	16	3	14.7	57	2.6	187	12
09/10/24 12:35	5	10	15	3	15.1	53	2.3	178	16
09/10/24 12:40	5	9	15	3	15.5	53	2.3	183	15
09/10/24 12:45	5	9	14	3	15.7	51	2.2	164	23
09/10/24 12:50	5	8	13	3	15.5	51	2.3	164	19
09/10/24 12:55	4	8	12	3	15.8	51	2.0	165	24
09/10/24 13:00	4	8	12	3	15.8	50	2.4	167	18
09/10/24 13:05	4	8	12	3	15.9	51	2.0	172	21
09/10/24 13:10	4	8	12	3	16.1	49	2.3	170	17
09/10/24 13:15	4	8	11	3	15.8	50	2.0	163	22
09/10/24 13:20	4	7	11	3	16.0	51	2.0	166	18
09/10/24 13:25	4	8	11	3	16.2	51	2.4	161	22
09/10/24 13:30	4	8	12	3	16.1	51	2.4	162	18
09/10/24 13:35	4	8	12	3	16.1	51	2.2	164	19
09/10/24 13:40	4	8	11	3	16.2	52	2.4	170	19
09/10/24 13:45	4	8	11	4	16.3	51	2.3	165	21
09/10/24 13:50	3	7	11	4	16.5	52	2.0	182	18
09/10/24 13:55	3	7	10	4	16.7	52	2.0	178	18
09/10/24 14:00	3	7	10	3	16.8	51	2.7	171	17
09/10/24 14:05	3	6	9	3	16.4	52	2.0	170	21
09/10/24 14:10	3	6	9	3	16.9	52	2.1	180	18
09/10/24 14:15	3	6	9	3	17.1	51	2.3	166	19
09/10/24 14:20	2	6	9	3	17.0	51	2.4	162	18
09/10/24 14:25	3	6	9	3	16.9	52	2.2	175	17
09/10/24 14:30	3	6	9	3	17.2	51	2.2	177	18
09/10/24 14:35	3	7	10	3	17.4	50	2.5	176	19
09/10/24 14:40	4	8	11	3	17.1	51	2.3	176	17
09/10/24 14:45	5	10	15	3	17.3	52	2.3	178	18
09/10/24 14:50	6	13	19	3	17.4	53	2.2	174	16
09/10/24 14:55	5	9	15	3	17.6	52	2.5	173	18
09/10/24 15:00	5	9	14	3	17.3	52	2.6	166	17
09/10/24 15:05	5	9	14	3	17.5	52	2.4	173	16
09/10/24 15:10	4	9	14	3	17.4	53	2.2	163	22
09/10/24 15:15	4	8	12	3	17.2	54	2.4	156	26
09/10/24 15:20	4	8	11	3	17.0	54	2.7	157	17
09/10/24 15:25	4	7	11	3	17.0	57	2.2	158	24
09/10/24 15:30	3	7	10	3	17.3	56	2.1	162	28
09/10/24 15:35	3	6	9	3	17.1	57	2.6	164	19
09/10/24 15:40	3	5	8	3	17.1	57	2.4	161	21
09/10/24 15:45	3	5	7	3	17.1	58	2.3	162	21
09/10/24 15:50	2	5	7	3	17.3	58	2.1	160	27
09/10/24 15:55	2	5	6	3	17.3	59	2.3	164	23
09/10/24 16:00	1	4	6	3	17.2	60	1.9	159	30
09/10/24 16:05	1	4	6	3	17.2	58	2.3	160	24
09/10/24 16:10	1	4	5	3	17.3	59	2.5	168	16
09/10/24 16:15	1	4	5	3	17.3	58	2.9	163	15
09/10/24 16:20	1	5	6	3	17.2	61	2.1	161	28
09/10/24 16:25	1	5	6	3	17.1	61	2.6	162	19
09/10/24 16:30	1	4	6	3	17.3	61	2.0	166	21
09/10/24 16:35	1	4	6	3	17.3	61	2.2	169	17
09/10/24 16:40	1	4	6	3	17.3	61	2.2	168	18
09/10/24 16:45	1	4	6	3	17.7	60	2.3	171	19
09/10/24 16:50	1	4	6	3	17.7	59	2.2	166	25
09/10/24 16:55	1	4	6	3	17.6	60	2.1	159	25
09/10/24 17:00	1	4	5	3	17.5	61	1.8	155	29
09/10/24 17:05	1	4	5	3	17.5	62	1.7	162	31
09/10/24 17:10	1	4	5	3	17.7	63	1.5	164	36
09/10/24 17:15	1	4	5	3	17.4	64	1.6	164	33
09/10/24 17:20	1	4	5	3	17.4	65	1.6	154	31
09/10/24 17:25	1	4	5	3	17.2	67	1.7	148	32
09/10/24 17:30	1	4	5	3	17.1	67	1.4	146	37
09/10/24 17:35	1	4	5	3	17.2	68	0.9	162	50
09/10/24 17:40	1	4	5	3	17.2	68	0.9	154	50
09/10/24 17:45	0	4	4	3	17.3	67	1.6	132	32
09/10/24 17:50	0	4	4	3	17.0	69	2.0	131	26
09/10/24 17:55	0	4	4	3	17.0	71	1.8	141	25
09/10/24 18:00	0	4	4	3	17.1	71	1.7	139	25

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/10/24 18:05	0	4	4	3	17.1	71	0.4	141	73
09/10/24 18:10	0	4	5	3	17.3	72	0.4	38	42
09/10/24 18:15	0	5	5	3	17.4	70	1.1	111	18
09/10/24 18:20	0	5	6	3	17.4	69	1.6	119	10
09/10/24 18:25	0	6	6	2	17.4	66	1.3	113	11
09/10/24 18:30	0	7	7	3	17.6	63	0.4	37	67
09/10/24 18:35	0	8	8	3	17.6	60	0.6	96	24
09/10/24 18:40	0	10	10	3	17.7	58	0.6	96	27
09/10/24 18:45	0	12	12	3	17.8	58	0.7	122	21
09/10/24 18:50	0	12	13	3	17.8	57	0.7	131	15
09/10/24 18:55	0	13	13	3	17.7	60	0.9	123	16
09/10/24 19:00	0	13	13	3	17.6	60	1.1	133	17
09/10/24 19:05	0	14	14	3	17.6	61	1.0	141	23
09/10/24 19:10	0	14	14	3	17.4	64	1.6	127	17
09/10/24 19:15	0	14	14	3	17.1	65	1.2	137	17
09/10/24 19:20	0	14	14	3	17.1	65	0.5	147	31
09/10/24 19:25	0	14	14	3	17.0	65	0.7	117	20
09/10/24 19:30	0	14	15	3	16.9	63	0.7	110	14
09/10/24 19:35	0	15	15	3	16.8	64	0.7	110	25
09/10/24 19:40	0	16	16	3	17.0	65	0.8	103	12
09/10/24 19:45	0	16	17	3	17.0	64	1.0	92	8
09/10/24 19:50	0	17	18	3	16.9	63	1.0	78	23
09/10/24 19:55	1	20	21	3	16.6	64	0.8	26	17
09/10/24 20:00	2	30	32	3	16.3	65	0.8	5	12
09/10/24 20:05	2	28	29	3	16.2	64	0.7	355	21
09/10/24 20:10	5	36	40	3	16.3	64	0.6	348	28
09/10/24 20:15	29	37	65	3	16.2	64	0.6	347	23
09/10/24 20:20	36	36	71	3	16.3	64	0.4	341	30
09/10/24 20:25	44	41	85	3	16.2	64	0.4	0	30
09/10/24 20:30	52	42	94	3	16.4	58	0.8	345	27
09/10/24 20:35	42	42	84	3	16.9	55	0.7	354	35
09/10/24 20:40	37	39	76	3	17.0	53	0.9	356	27
09/10/24 20:45	35	37	72	3	17.0	52	1.1	7	29
09/10/24 20:50	27	37	64	3	16.9	51	1.2	4	22
09/10/24 20:55	19	36	54	3	16.9	51	1.2	10	22
09/10/24 21:00	15	36	50	3	16.8	50	1.4	7	18
09/10/24 21:05	10	34	44	3	16.9	49	1.2	18	26
09/10/24 21:10	6	30	36	3	16.9	49	1.5	12	20
09/10/24 21:15	3	27	31	3	16.9	48	1.7	7	17
09/10/24 21:20	2	22	25	3	17.1	47	1.4	355	21
09/10/24 21:25	2	20	22	3	17.1	47	1.6	358	22
09/10/24 21:30	1	21	22	3	17.1	48	1.1	349	30
09/10/24 21:35	1	21	22	3	17.0	48	1.6	357	23
09/10/24 21:40	1	22	23	3	16.8	48	1.6	352	31
09/10/24 21:45	1	22	23	3	17.1	48	1.3	0	25
09/10/24 21:50	1	22	23	3	16.8	48	1.6	359	22
09/10/24 21:55	1	23	24	3	16.6	49	1.8	3	17
09/10/24 22:00	1	23	24	3	16.6	49	2.3	5	19
09/10/24 22:05	1	22	22	3	16.6	49	2.5	12	18
09/10/24 22:10	1	21	21	3	16.8	48	2.4	14	17
09/10/24 22:15	1	20	20	3	16.9	48	2.2	360	22
09/10/24 22:20	0	19	19	3	16.9	48	0.8	336	43
09/10/24 22:25	0	19	19	3	16.8	49	0.9	328	43
09/10/24 22:30	0	19	20	3	16.6	49	1.6	348	29
09/10/24 22:35	1	21	21	3	16.4	50	1.4	2	33
09/10/24 22:40	1	23	24	3	16.2	51	2.0	356	20
09/10/24 22:45	1	25	26	3	16.0	51	1.7	359	22
09/10/24 22:50	1	26	28	3	16.0	51	1.5	338	25
09/10/24 22:55	1	26	28	3	16.1	51	1.4	330	29
09/10/24 23:00	2	27	28	3	16.0	51	1.7	348	26
09/10/24 23:05	2	26	28	3	15.9	51	2.3	354	17
09/10/24 23:10	2	26	28	3	15.8	52	1.7	9	24
09/10/24 23:15	2	26	27	3	15.8	52	1.6	357	26
09/10/24 23:20	1	25	26	3	15.7	51	2.0	358	25
09/10/24 23:25	1	24	25	3	15.8	51	1.9	357	26
09/10/24 23:30	1	22	23	3	15.9	51	2.0	358	20
09/10/24 23:35	1	21	22	3	15.8	51	1.5	346	28
09/10/24 23:40	1	20	21	3	15.8	52	1.7	339	25
09/10/24 23:45	0	20	20	3	15.7	53	1.4	317	31
09/10/24 23:50	0	19	20		15.6	52	2.0	322	22
09/10/24 23:55	0	19	20		15.6	53	2.3	317	23
10/10/24 00:00	0	19	20	3	15.4	54	2.1	313	18
10/10/24 00:05	0	20	20	3	15.2	54	1.8	316	24
10/10/24 00:10	0	19	20	2	15.1	54	2.4	316	20
10/10/24 00:15	0	19	19	2	14.9	55	2.6	323	22
10/10/24 00:20	0	19	19	2	14.8	55	2.0	314	27
10/10/24 00:25	0	19	19	2	14.6	56	2.0	313	21
10/10/24 00:30	0	19	20	2	14.5	56	2.0	319	23
10/10/24 00:35	0	20	20	2	14.5	56	1.7	330	26
10/10/24 00:40	0	20	20	2	14.4	57	1.4	324	28
10/10/24 00:45	0	20	20	2	14.4	56	1.5	324	26
10/10/24 00:50	0	19	20	2	14.4	56	1.7	355	24
10/10/24 00:55	0	19	19	2	14.3	57	1.4	311	23
10/10/24 01:00	0	19	19	2	14.4	57	1.6	344	29

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/10/24 01:05					14.3	57	1.2	319	31
10/10/24 01:10					14.3	57	1.5	349	21
10/10/24 01:15					14.3	57	1.5	353	21
10/10/24 01:20					14.2	56	1.7	357	27
10/10/24 01:25					14.4	56	2.7	356	19
10/10/24 01:30					14.7	54	1.8	349	27
10/10/24 01:35					14.8	54	2.2	358	23
10/10/24 01:40					14.9	53	2.0	8	23
10/10/24 01:45					15.1	52	2.5	357	21
10/10/24 01:50					15.1	52	2.1	9	27
10/10/24 01:55					15.1	52	2.8	25	12
10/10/24 02:00					15.0	53	2.3	10	16
10/10/24 02:05	0	10	10	2	15.0	53	1.8	2	24
10/10/24 02:10	0	9	9	2	14.9	53	2.5	356	18
10/10/24 02:15	0	8	9	2	15.0	53	2.2	352	29
10/10/24 02:20	0	8	8	2	15.4	52	2.5	350	25
10/10/24 02:25	0	8	8	2	15.6	51	2.6	4	22
10/10/24 02:30	0	7	7	1	15.6	51	2.4	2	26
10/10/24 02:35	0	7	7	1	15.7	50	3.3	1	23
10/10/24 02:40	0	6	7	2	15.9	50	3.5	9	22
10/10/24 02:45	0	6	6	2	16.0	49	3.5	10	24
10/10/24 02:50	0	6	6	2	16.0	49	3.6	8	20
10/10/24 02:55	0	5	6	2	16.1	49	4.4	8	26
10/10/24 03:00	0	5	5	2	16.1	49	5.5	8	18
10/10/24 03:05	0	5	5	2	16.2	49	4.9	14	19
10/10/24 03:10	0	5	5	1	16.1	49	5.3	23	13
10/10/24 03:15	0	5	5	1	16.1	49	6.1	13	16
10/10/24 03:20	0	5	5	1	16.4	48	6.2	9	17
10/10/24 03:25	0	5	5	1	16.3	48	3.5	6	26
10/10/24 03:30	0	5	5	1	16.3	48	3.9	12	24
10/10/24 03:35	0	5	5	1	16.3	48	4.0	358	25
10/10/24 03:40	0	5	5	1	16.7	47	5.1	1	24
10/10/24 03:45	0	5	5	1	16.8	46	5.2	358	25
10/10/24 03:50	0	5	5	1	16.8	47	4.2	355	25
10/10/24 03:55	0	5	5	1	16.8	47	6.9	4	19
10/10/24 04:00	0	5	6	1	16.8	48	6.5	358	20
10/10/24 04:05	0	5	6	1	16.7	50	5.6	358	28
10/10/24 04:10	0	5	5	1	16.6	51	5.1	3	27
10/10/24 04:15	0	5	5	1	16.5	53	4.9	3	28
10/10/24 04:20	0	5	6	1	16.3	54	5.9	356	18
10/10/24 04:25	0	6	6	1	16.2	54	3.8	351	28
10/10/24 04:30	0	7	7	1	16.1	55	3.9	357	27
10/10/24 04:35	0	8	8	1	16.0	55	4.1	3	29
10/10/24 04:40	1	9	9	1	16.1	56	4.1	350	22
10/10/24 04:45	1	10	10	1	16.1	56	4.5	357	25
10/10/24 04:50	0	10	11	1	16.0	56	3.7	353	25
10/10/24 04:55	1	11	12	1	16.1	56	4.0	355	27
10/10/24 05:00	1	12	13	1	16.1	57	3.3	333	34
10/10/24 05:05	1	14	15	1	16.0	57	3.2	327	30
10/10/24 05:10	1	15	16	1	15.9	57	2.6	332	36
10/10/24 05:15	1	16	17	1	15.8	58	3.0	336	32
10/10/24 05:20	1	16	18	1	15.8	58	3.6	352	31
10/10/24 05:25	2	16	18	1	15.6	58	3.8	351	32
10/10/24 05:30	1	14	16	1	15.4	59	3.9	357	26
10/10/24 05:35	1	13	14	1	15.3	59	4.9	356	27
10/10/24 05:40	1	11	12	1	15.2	59	4.9	360	21
10/10/24 05:45	1	12	13	1	15.2	60	5.0	357	22
10/10/24 05:50	1	12	14	1	15.2	60	5.7	360	19
10/10/24 05:55	1	12	14	1	15.2	60	5.5	359	23
10/10/24 06:00	1	12	13	1	15.2	60	4.2	355	26
10/10/24 06:05	1	11	13	1	15.1	61	4.6	355	26
10/10/24 06:10	2	12	14	1	15.1	61	5.5	2	23
10/10/24 06:15	2	12	14	1	15.0	61	4.6	1	19
10/10/24 06:20	2	12	13	1	15.0	61	5.2	0	19
10/10/24 06:25	2	11	13	1	15.1	61	5.0	5	25
10/10/24 06:30	2	11	13	1	15.2	61	5.3	8	19
10/10/24 06:35	2	11	12	1	15.3	60	4.5	360	21
10/10/24 06:40	2	11	13	1	15.3	60	4.4	8	26
10/10/24 06:45	2	11	13	1	15.2	60	4.7	3	20
10/10/24 06:50	2	11	13	1	15.2	60	3.8	357	22
10/10/24 06:55	3	11	14	1	15.4	60	3.9	4	25
10/10/24 07:00	4	12	16	2	15.6	60	4.2	355	24
10/10/24 07:05	4	12	16	2	15.6	60	4.2	358	21
10/10/24 07:10	4	12	16	1	15.7	60	3.9	355	27
10/10/24 07:15	4	12	16	1	15.8	60	4.2	7	23
10/10/24 07:20	4	12	16	1	15.9	59	3.1	339	31
10/10/24 07:25	4	12	16	1	15.9	60	4.1	348	27
10/10/24 07:30	4	11	15	1	15.8	60	2.7	351	35
10/10/24 07:35	4	11	15	1	15.8	60	4.0	350	28
10/10/24 07:40	3	11	14	1	15.9	60	3.7	338	31
10/10/24 07:45	3	11	15	2	15.8	60	3.3	344	33
10/10/24 07:50	4	12	15	2	15.9	60	3.1	331	33
10/10/24 07:55	4	12	16	2	16.0	60	2.5	327	33
10/10/24 08:00	4	11	15	1	16.1	60	2.7	317	34

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/10/24 08:05	5	11	16	1	16.1	60	2.6	326	33
10/10/24 08:10	5	12	17	1	16.1	60	3.3	314	23
10/10/24 08:15	5	11	16	1	16.2	60	3.2	323	28
10/10/24 08:20	5	11	16	1	16.5	59	4.5	320	24
10/10/24 08:25	5	10	15	1	16.7	58	3.8	321	30
10/10/24 08:30	5	10	15	1	16.8	58	3.4	310	24
10/10/24 08:35	5	9	15	1	17.0	58	4.9	267	18
10/10/24 08:40	5	9	15	1	16.9	60	6.6	256	9
10/10/24 08:45	6	9	15	1	17.0	59	3.3	293	18
10/10/24 08:50	6	9	15	2	17.3	57	2.8	291	19
10/10/24 08:55	6	9	15	2	17.5	57	2.2	296	26
10/10/24 09:00	6	9	15	2	17.6	55	3.2	300	16
10/10/24 09:05	6	9	15	2	17.8	54	2.7	314	31
10/10/24 09:10	6	10	16	2	17.9	54	3.0	304	24
10/10/24 09:15	7	10	16	2	18.0	54	3.8	301	20
10/10/24 09:20	7	10	17	2	18.0	54	3.1	299	19
10/10/24 09:25	6	9	16	2	18.1	54	3.0	304	16
10/10/24 09:30	6	9	15	2	18.1	54	2.4	291	18
10/10/24 09:35	6	9	15	2	18.5	53	2.1	304	31
10/10/24 09:40	6	9	15	2	18.7	53	1.3	293	35
10/10/24 09:45	6	9	15	2	18.8	52	2.3	308	10
10/10/24 09:50	5	9	14	2	18.8	52	1.8	267	25
10/10/24 09:55	5	9	14	2	18.9	51	1.5	241	18
10/10/24 10:00	5	8	13	2	19.1	49	0.7	217	46
10/10/24 10:05	4	8	13	2	19.6	47	1.7	192	20
10/10/24 10:10	5	8	12	2	19.1	53	4.4	188	12
10/10/24 10:15	4	7	11	2	17.9	59	6.8	193	6
10/10/24 10:20	4	5	8	1	17.6	60	4.6	188	9
10/10/24 10:25	4	9	13	1	17.5	62	4.6	190	9
10/10/24 10:30	4	4	7	1	17.2	64	5.7	194	7
10/10/24 10:35	3	3	7	1	16.8	66	6.1	192	6
10/10/24 10:40	3	2	5	2	17.0	65	4.0	187	11
10/10/24 10:45	2	3	5	2	17.4	66	3.2	182	10
10/10/24 10:50	2	4	6	2	17.8	66	3.1	188	13
10/10/24 10:55	3	5	8	1	17.6	66	3.5	190	13
10/10/24 11:00	3	6	8	1	17.7	66	3.2	183	13
10/10/24 11:05	3	6	9	1	17.9	66	3.7	186	10
10/10/24 11:10	3	5	8	1	17.5	66	3.9	188	11
10/10/24 11:15	2	4	7	1	17.0	69	6.2	193	5
10/10/24 11:20	2	4	6	1	16.7	70	6.4	194	6
10/10/24 11:25	2	3	5	1	16.7	69	5.5	193	6
10/10/24 11:30	2	3	5	1	16.9	68	4.6	190	10
10/10/24 11:35	17	25	42	1	17.3	68	3.7	184	12
10/10/24 11:40	20	16	37	1	17.6	67	3.3	185	12
10/10/24 11:45	11	11	22	1	17.8	65	3.5	189	14
10/10/24 11:50	8	10	18	1	17.7	66	3.2	182	15
10/10/24 11:55	4	6	10	1	17.9	65	3.0	179	15
10/10/24 12:00	3	9	12	1	18.0	63	2.9	177	13
10/10/24 12:05	3	4	7	1	18.1	64	2.7	166	22
10/10/24 12:10	1	3	4	2	17.9	66	2.3	158	29
10/10/24 12:15	1	2	4	2	17.7	67	2.0	167	38
10/10/24 12:20	1	2	3	2	17.2	67	2.5	162	31
10/10/24 12:25	1	2	3	1	17.1	67	2.8	153	31
10/10/24 12:30	1	2	3	1	17.0	68	2.3	166	29
10/10/24 12:35	2	3	4	1	17.1	67	2.8	160	28
10/10/24 12:40	2	3	5	1	17.2	66	2.4	156	30
10/10/24 12:45	2	3	5	1	17.2	66	2.4	155	32
10/10/24 12:50	2	3	5	1	17.2	66	2.1	161	40
10/10/24 12:55	2	3	5	1	17.3	65	2.7	166	28
10/10/24 13:00	2	4	6	1	17.2	64	3.1	160	29
10/10/24 13:05	3	4	7	1	17.2	64	3.0	165	25
10/10/24 13:10	3	4	7	1	17.2	64	2.6	162	31
10/10/24 13:15	3	4	7	1	17.2	64	2.5	164	33
10/10/24 13:20	3	4	7	1	17.3	63	1.8	157	44
10/10/24 13:25	3	5	8	1	17.4	63	2.2	165	33
10/10/24 13:30	3	4	7	1	17.4	63	2.3	154	37
10/10/24 13:35	3	3	6	1	17.2	63	2.3	159	34
10/10/24 13:40	3	2	5	1	17.2	63	2.2	154	33
10/10/24 13:45	2	3	5	1	17.3	63	1.9	166	38
10/10/24 13:50	3	6	9	1	17.4	64	2.0	165	34
10/10/24 13:55	4	13	17	1	17.5	63	2.8	165	28
10/10/24 14:00	5	12	17	1	17.5	62	2.3	162	31
10/10/24 14:05	6	10	16	1	17.6	63	2.7	165	25
10/10/24 14:10	5	2	7	1	17.6	63	3.1	160	25
10/10/24 14:15	3	2	5	1	17.5	63	3.2	164	23
10/10/24 14:20	2	2	3	1	17.5	63	3.4	162	22
10/10/24 14:25	1	1	2	1	17.4	64	3.9	162	16
10/10/24 14:30	1	1	2	1	17.2	65	3.7	160	21
10/10/24 14:35	1	2	2	1	17.4	66	3.5	171	18
10/10/24 14:40	1	2	3	1	17.5	66	3.5	169	17
10/10/24 14:45	1	2	3	1	17.6	65	4.0	170	14
10/10/24 14:50	1	2	3	1	17.7	66	3.5	174	16
10/10/24 14:55	1	2	3	1	17.5	65	3.8	175	14
10/10/24 15:00	1	2	4	1	17.5	65	3.9	172	16

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/10/24 15:05	1	2	3	1	17.3	66	4.1	169	16
10/10/24 15:10	1	2	3	1	17.4	67	3.6	173	19
10/10/24 15:15	1	2	3	1	17.5	67	3.2	174	17
10/10/24 15:20	1	2	3	1	17.4	66	3.6	176	15
10/10/24 15:25	1	2	3	1	17.2	66	3.3	179	14
10/10/24 15:30	1	3	4	1	17.2	62	3.4	175	16
10/10/24 15:35	1	3	4	1	17.3	62	3.5	179	14
10/10/24 15:40	1	3	4	1	17.3	63	3.5	178	14
10/10/24 15:45	1	3	4	1	17.4	64	3.2	172	17
10/10/24 15:50	1	2	3	1	17.4	63	3.4	175	17
10/10/24 15:55	1	2	3	1	17.5	59	3.5	175	19
10/10/24 16:00	3	6	9	1	17.5	59	3.3	177	14
10/10/24 16:05	6	9	15	1	17.5	58	3.4	179	13
10/10/24 16:10	0	2	2	1	17.4	59	3.5	172	16
10/10/24 16:15	0	1	1	1	17.3	59	3.4	176	14
10/10/24 16:20	0	1	1	1	17.4	60	3.3	178	15
10/10/24 16:25	0	1	1	1	17.3	60	3.2	177	15
10/10/24 16:30	0	1	1	1	17.3	60	3.8	180	14
10/10/24 16:35	0	1	1	1	17.0	63	4.0	181	14
10/10/24 16:40	0	1	1	1	16.8	62	4.6	182	10
10/10/24 16:45	0	1	1	1	16.7	62	4.2	183	12
10/10/24 16:50	0	1	1	1	16.9	62	4.0	181	13
10/10/24 16:55	0	1	1	1	16.7	61	5.0	183	11
10/10/24 17:00	0	1	1	1	16.6	64	4.5	182	11
10/10/24 17:05	0	1	2	1	16.5	65	4.9	181	13
10/10/24 17:10	0	1	2	1	16.5	65	4.9	185	9
10/10/24 17:15	0	1	2	1	16.4	66	5.4	181	12
10/10/24 17:20	0	1	1	1	16.1	68	5.1	185	12
10/10/24 17:25	0	1	1	1	16.1	68	5.1	182	13
10/10/24 17:30	0	1	1	1	16.0	67	5.7	180	11
10/10/24 17:35	0	1	1	1	15.8	68	5.2	181	10
10/10/24 17:40	0	1	1	1	15.7	67	4.8	183	10
10/10/24 17:45	0	1	1	2	15.8	68	4.9	184	10
10/10/24 17:50	0	1	2	2	15.8	66	5.0	185	13
10/10/24 17:55	0	3	3	1	15.8	66	5.2	182	11
10/10/24 18:00	0	3	3	1	15.6	67	5.3	184	11
10/10/24 18:05	0	3	3	1	15.5	66	5.3	185	10
10/10/24 18:10	0	4	5	1	15.4	65	5.7	182	10
10/10/24 18:15	0	5	5	1	15.2	66	5.3	181	10
10/10/24 18:20	0	3	4	1	15.2	66	6.0	181	12
10/10/24 18:25	0	3	3	1	15.0	66	4.5	179	11
10/10/24 18:30	1	10	11	1	14.9	65	4.0	174	15
10/10/24 18:35	0	2	2	1	15.0	66	3.8	179	15
10/10/24 18:40	0	1	2	1	14.9	66	3.8	175	15
10/10/24 18:45	1	2	2	1	14.9	68	3.7	174	16
10/10/24 18:50	0	1	2	1	14.9	68	3.7	176	16
10/10/24 18:55	0	1	1	1	14.8	69	3.7	177	17
10/10/24 19:00	0	1	1	1	14.7	69	4.5	180	13
10/10/24 19:05	0	1	1	1	14.7	70	4.2	179	14
10/10/24 19:10	0	1	1	1	14.7	68	5.1	180	12
10/10/24 19:15	0	1	1	1	14.7	67	4.9	182	12
10/10/24 19:20	0	1	1	1	14.6	68	4.5	182	14
10/10/24 19:25	0	1	1	1	14.6	69	3.7	176	16
10/10/24 19:30	0	1	1	1	14.6	68	4.3	180	12
10/10/24 19:35	0	1	1	1	14.6	69	3.4	176	13
10/10/24 19:40	0	1	1	1	14.6	70	3.4	167	17
10/10/24 19:45	0	1	1	1	14.5	69	3.4	174	16
10/10/24 19:50	0	1	1	1	14.5	69	3.7	164	19
10/10/24 19:55	0	1	1	1	14.5	69	2.8	162	27
10/10/24 20:00	0	1	2	1	14.5	68	3.1	168	22
10/10/24 20:05	0	2	2	1	14.4	66	3.2	169	17
10/10/24 20:10	0	2	2	1	14.5	67	3.4	175	16
10/10/24 20:15	0	2	2	1	14.5	63	3.8	181	11
10/10/24 20:20	0	2	2	1	14.4	64	3.3	177	16
10/10/24 20:25	0	2	2	1	14.4	66	3.2	170	15
10/10/24 20:30	0	2	2	1	14.4	68	3.2	169	18
10/10/24 20:35	0	2	2	1	14.4	69	3.9	182	12
10/10/24 20:40	0	2	2	1	14.3	70	3.2	169	19
10/10/24 20:45	0	2	2	1	14.3	71	3.0	177	14
10/10/24 20:50	0	2	2	1	14.2	67	3.9	179	11
10/10/24 20:55	0	2	2	1	14.2	65	3.8	181	11
10/10/24 21:00	0	1	1	1	14.2	67	4.0	181	10
10/10/24 21:05	0	1	1	1	14.2	69	3.1	174	17
10/10/24 21:10	0	1	1	1	14.2	67	3.0	173	19
10/10/24 21:15	0	1	1	1	14.2	62	4.1	183	12
10/10/24 21:20	0	1	1	1	14.1	63	4.0	180	8
10/10/24 21:25	0	1	1	1	14.2	64	3.3	180	12
10/10/24 21:30	0	1	1	1	14.1	62	3.8	179	12
10/10/24 21:35	0	1	1	1	14.1	64	3.4	179	13
10/10/24 21:40	0	1	1	1	14.1	64	3.1	181	15
10/10/24 21:45	0	1	1	1	14.1	64	3.1	181	11
10/10/24 21:50	0	1	1	1	14.1	65	2.9	183	13
10/10/24 21:55	0	1	0	1	14.1	64	3.1	181	14
10/10/24 22:00	0	0	0	1	14.0	63	3.8	181	10

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/10/24 22:05	0	0	0	1	14.0	65	3.1	175	15
10/10/24 22:10	0	0	0	1	14.1	67	2.8	180	11
10/10/24 22:15	0	0	0	1	14.0	64	3.2	181	9
10/10/24 22:20	0	0	0	1	14.0	64	3.3	181	11
10/10/24 22:25	0	1	1	1	14.0	63	3.7	179	10
10/10/24 22:30	0	1	1	1	14.0	64	3.1	180	11
10/10/24 22:35	0	1	1	1	14.1	65	2.6	178	14
10/10/24 22:40	0	1	1	1	14.1	66	3.2	185	13
10/10/24 22:45	0	1	1	1	14.1	64	3.1	184	10
10/10/24 22:50	0	1	1	1	14.1	63	3.3	184	9
10/10/24 22:55	0	1	1	1	14.1	64	2.8	181	13
10/10/24 23:00	0	1	0	1	14.1	64	2.7	178	10
10/10/24 23:05	0	1	0	1	14.1	65	2.4	181	15
10/10/24 23:10	0	1	1	1	14.1	66	2.7	186	10
10/10/24 23:15	0	1	1	1	14.2	68	4.2	195	13
10/10/24 23:20	0	1	0	1	14.1	67	4.8	210	10
10/10/24 23:25	0	1	0	1	14.0	67	5.0	215	5
10/10/24 23:30	0	1	0	1	13.9	66	4.6	214	3
10/10/24 23:35	0	1	0	1	14.0	68	4.5	213	5
10/10/24 23:40	0	0	0	1	13.9	68	4.4	210	5
10/10/24 23:45	0	0	0	1	13.9	68	4.2	215	4
10/10/24 23:50	0	0	0		13.8	69	4.3	217	4
10/10/24 23:55	0	0	0		13.7	68	4.2	214	4
11/10/24 00:00	0	0	0	1	13.7	68	4.6	217	4
11/10/24 00:05	0	0	0	1	13.7	69	4.4	223	7
11/10/24 00:10	0	1	1	2	13.5	68	4.3	242	7
11/10/24 00:15	0	3	3	2	13.2	66	4.2	243	7
11/10/24 00:20	0	9	9	2	13.1	65	4.6	245	7
11/10/24 00:25	0	10	10	2	12.9	65	4.4	241	6
11/10/24 00:30	0	11	11	2	12.8	65	3.9	244	8
11/10/24 00:35	0	11	11	2	12.8	65	3.8	242	9
11/10/24 00:40	0	10	11	2	12.8	66	3.6	243	7
11/10/24 00:45	0	11	11	2	12.8	67	3.9	247	6
11/10/24 00:50	1	12	12	2	12.7	67	3.6	249	8
11/10/24 00:55	1	13	13	2	12.7	66	4.3	247	5
11/10/24 01:00	1	13	14	2	12.7	67	4.6	248	7
11/10/24 01:05					12.7	68	4.4	252	7
11/10/24 01:10					12.6	68	4.7	253	8
11/10/24 01:15					12.4	69	4.2	253	7
11/10/24 01:20					12.4	69	4.3	253	7
11/10/24 01:25					12.4	68	4.5	252	5
11/10/24 01:30					12.2	68	4.3	252	7
11/10/24 01:35					12.2	68	4.3	246	9
11/10/24 01:40					12.1	67	4.3	250	7
11/10/24 01:45					12.0	68	4.1	250	8
11/10/24 01:50					12.0	68	4.3	251	8
11/10/24 01:55					11.8	68	4.6	248	6
11/10/24 02:00					11.6	68	4.1	249	6
11/10/24 02:05	1	14	14	2	11.7	69	3.7	250	8
11/10/24 02:10	1	14	15	2	11.6	69	3.5	247	8
11/10/24 02:15	2	15	16	2	11.8	69	3.7	253	6
11/10/24 02:20	5	22	27	2	11.7	70	4.1	253	5
11/10/24 02:25	6	20	26	3	11.6	70	4.3	253	6
11/10/24 02:30	7	24	31	3	11.7	71	4.1	254	6
11/10/24 02:35	10	25	36	3	11.7	70	4.1	255	9
11/10/24 02:40	12	24	36	3	11.6	70	3.7	254	8
11/10/24 02:45	11	24	36	3	11.6	70	3.5	250	8
11/10/24 02:50	11	21	32	3	11.5	70	3.6	251	7
11/10/24 02:55	10	22	32	3	11.5	70	3.6	252	7
11/10/24 03:00	10	22	32	3	11.5	71	3.4	248	8
11/10/24 03:05	7	21	29	3	11.3	69	3.3	246	6
11/10/24 03:10	7	22	29	4	11.4	70	3.1	249	7
11/10/24 03:15	10	24	33	4	11.4	70	2.9	254	12
11/10/24 03:20	9	23	32	4	11.4	70	2.7	264	13
11/10/24 03:25	7	19	26	4	11.3	70	1.9	272	18
11/10/24 03:30	2	13	14	3	11.1	70	1.6	287	17
11/10/24 03:35	1	11	12	3	10.9	71	1.5	283	18
11/10/24 03:40	1	12	13	3	10.8	71	1.4	280	15
11/10/24 03:45	0	12	13	3	10.7	72	1.5	279	19
11/10/24 03:50	0	13	13	3	10.7	72	2.0	276	13
11/10/24 03:55	0	13	14	3	10.7	73	2.4	269	13
11/10/24 04:00	0	14	14	3	10.7	73	1.7	279	20
11/10/24 04:05	0	15	16	3	10.5	70	1.8	302	12
11/10/24 04:10	1	19	21	3	10.2	71	1.9	300	16
11/10/24 04:15	2	25	27	3	10.0	71	1.7	306	12
11/10/24 04:20	3	25	28	2	10.0	72	1.1	313	19
11/10/24 04:25	4	25	30	2	9.8	72	0.9	328	25
11/10/24 04:30	13	32	45	3	9.6	72	0.5	336	46
11/10/24 04:35	13	26	39	3	9.4	73	0.6	318	33
11/10/24 04:40	12	26	38	3	9.3	74	0.6	321	26
11/10/24 04:45	13	26	39	2	9.3	74	0.9	324	16
11/10/24 04:50	13	26	39	2	9.3	74	0.9	342	21
11/10/24 04:55	16	25	41	2	9.4	74	1.3	333	19
11/10/24 05:00	22	23	45	2	9.5	74	1.3	327	21

Station Pier Ambient Air Quality Monitoring October 2024 5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/10/24 05:05	26	28	54	3	9.7	74	1.6	328	17
11/10/24 05:10	31	27	58	3	9.6	73	1.7	319	18
11/10/24 05:15	32	28	60	3	9.6	73	2.1	307	8
11/10/24 05:20	33	28	61	3	9.5	73	1.5	307	13
11/10/24 05:25	34	28	62	3	9.4	73	1.4	309	16
11/10/24 05:30	35	28	63	3	9.4	73	0.8	320	23
11/10/24 05:35	36	28	64	3	9.4	74	0.9	317	23
11/10/24 05:40	38	29	66	3	9.4	74	1.2	311	12
11/10/24 05:45	41	28	69	3	9.4	74	0.7	341	22
11/10/24 05:50	48	25	73	3	9.3	74	1.6	355	10
11/10/24 05:55	54	29	82	3	9.3	74	2.0	355	8
11/10/24 06:00	57	30	88	3	9.3	74	1.5	337	21
11/10/24 06:05	59	30	89	3	9.5	73	1.5	334	16
11/10/24 06:10	65	32	97	3	9.6	73	1.8	340	14
11/10/24 06:15	69	32	101	3	9.7	73	1.8	340	18
11/10/24 06:20	74	33	107	3	9.8	72	2.0	333	13
11/10/24 06:25	81	29	110	3	9.8	72	1.9	345	16
11/10/24 06:30	88	31	118	3	9.9	72	1.4	330	18
11/10/24 06:35	89	32	121	3	10.0	72	1.1	323	20
11/10/24 06:40	89	32	121	3	10.1	71	1.0	317	22
11/10/24 06:45	88	32	120	3	10.2	71	1.3	305	12
11/10/24 06:50	87	32	119	3	10.2	71	1.3	305	23
11/10/24 06:55	87	32	119	3	10.3	70	1.4	310	15
11/10/24 07:00	86	32	118	3	10.4	70	0.9	329	23
11/10/24 07:05	85	32	117	3	10.8	69	1.2	333	28
11/10/24 07:10	85	32	117	4	10.8	69	1.2	314	17
11/10/24 07:15	85	32	117	4	10.9	69	1.3	301	10
11/10/24 07:20	86	32	118	4	11.0	68	1.4	295	18
11/10/24 07:25	84	32	116	4	11.3	68	1.6	281	15
11/10/24 07:30	83	32	115	3	11.5	67	1.3	279	18
11/10/24 07:35	80	32	112	3	11.7	67	2.0	283	16
11/10/24 07:40	72	29	101	3	11.9	67	1.8	268	15
11/10/24 07:45	54	31	85	3	12.1	66	1.9	273	19
11/10/24 07:50	41	27	68	3	12.2	64	1.7	283	15
11/10/24 07:55	42	28	70	3	12.4	64	1.2	271	20
11/10/24 08:00	40	28	68	3	12.7	62	1.4	277	14
11/10/24 08:05	33	23	56	3	12.9	61	2.4	259	8
11/10/24 08:10	22	21	43	3	12.9	61	1.9	262	9
11/10/24 08:15	22	21	43	3	13.1	61	2.6	252	15
11/10/24 08:20	9	17	27	3	13.2	61	3.3	243	5
11/10/24 08:25	7	13	20	3	13.2	61	2.7	241	8
11/10/24 08:30	8	13	21	3	13.5	61	2.8	251	13
11/10/24 08:35	7	12	19	3	13.6	59	3.3	241	9
11/10/24 08:40	7	8	15	3	13.7	59	3.6	234	13
11/10/24 08:45	6	4	10	3	13.8	61	4.1	232	11
11/10/24 08:50	5	1	6	3	13.8	58	5.2	238	8
11/10/24 08:55	4	1	4	3	13.8	58	4.1	244	6
11/10/24 09:00	3	2	4	3	13.9	59	4.7	233	9
11/10/24 09:05	2	2	4	3	14.0	60	4.9	236	8
11/10/24 09:10	2	2	4	3	14.0	60	4.8	230	5
11/10/24 09:15	2	3	5	3	14.1	58	4.0	217	8
11/10/24 09:20	2	2	4	3	14.1	61	4.2	223	6
11/10/24 09:25	2	1	3	3	14.2	60	3.4	224	9
11/10/24 09:30	1	1	3	3	14.2	60	3.9	217	12
11/10/24 09:35	1	1	2	3	14.2	61	3.3	224	6
11/10/24 09:40	1	1	2	2	14.4	60	3.8	213	13
11/10/24 09:45	1	1	2	2	14.6	59	4.7	221	8
11/10/24 09:50	1	1	2	2	14.5	58	5.3	211	8
11/10/24 09:55	1	1	2	3	14.5	60	5.0	215	7
11/10/24 10:00	0	1	1	3	14.6	60	5.7	208	7
11/10/24 10:05	1	2	3	2	14.6	65	5.4	203	5
11/10/24 10:10	1	2	3	2	14.6	65	6.6	209	7
11/10/24 10:15	1	1	2	2	14.6	63	6.7	207	7
11/10/24 10:20	3	0	3	2	14.5	62	6.1	203	5
11/10/24 10:25	5	4	9	2	14.6	63	5.1	200	8
11/10/24 10:30	18	9	26	3	14.7	63	5.4	201	7
11/10/24 10:35	51	17	68	3	14.8	62	6.1	198	6
11/10/24 10:40	1	3	4	3	14.6	63	5.1	198	5
11/10/24 10:45	2	3	5	3	14.8	61	4.2	192	6
11/10/24 10:50	3	4	7	3	14.9	62	5.1	196	5
11/10/24 10:55	2	3	6	3	14.8	65	6.4	199	5
11/10/24 11:00	3	3	6	2	14.6	63	6.0	196	4
11/10/24 11:05	3	2	5	3	14.7	62	6.4	195	4
11/10/24 11:10	3	3	6	3	14.8	61	5.1	198	7
11/10/24 11:15	3	2	5	2	14.8	62	6.3	198	4
11/10/24 11:20	3	2	5	2	14.9	64	6.8	201	4
11/10/24 11:25	2	1	4	2	14.9	63	6.5	198	4
11/10/24 11:30	2	2	4	2	14.9	62	5.7	199	6
11/10/24 11:35	3	3	6	2	15.1	61	5.8	196	4
11/10/24 11:40	3	4	8	2	15.3	60	4.9	193	4
11/10/24 11:45	3	3	7	2	15.4	58	5.5	194	5
11/10/24 11:50	3	3	6	2	15.4	60	6.4	197	7
11/10/24 11:55	3	1	3	2	15.4	63	6.9	206	6
11/10/24 12:00				2	15.3	63	6.5	200	5

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/10/24 12:05	2	1	3	2	15.3	63	5.9	203	8
11/10/24 12:10				2	15.3	63	8.2	208	4
11/10/24 12:15				2	15.2	63	6.9	210	4
11/10/24 12:20	1	0	1	2	15.3	63	6.3	204	6
11/10/24 12:25	1	2	3	2	15.4	66	6.2	200	5
11/10/24 12:30	1	1	2	2	15.3	66	7.0	200	4
11/10/24 12:35	2	2	4	2	15.4	65	7.5	201	4
11/10/24 12:40	2	2	4	2	15.4	65	7.2	198	3
11/10/24 12:45	2	1	2	2	15.4	64	6.7	201	4
11/10/24 12:50	2	1	3	2	15.5	62	6.3	197	3
11/10/24 12:55	2	2	4	2	15.5	62	5.8	195	4
11/10/24 13:00	3	4	7	2	15.7	61	5.6	195	4
11/10/24 13:05	3	4	7	3	15.5	63	5.1	195	4
11/10/24 13:10	3	5	9	3	15.5	63	4.2	195	6
11/10/24 13:15	3	7	10	3	15.7	63	3.7	192	7
11/10/24 13:20	4	6	9	3	15.9	63	3.0	190	12
11/10/24 13:25	3	5	8	2	16.1	63	3.5	192	11
11/10/24 13:30	3	6	9	2	16.0	62	2.9	190	10
11/10/24 13:35	3	6	9	2	16.1	62	2.5	187	12
11/10/24 13:40	3	6	9	2	16.4	63	2.2	182	11
11/10/24 13:45	3	3	6	2	16.5	61	2.4	182	12
11/10/24 13:50	2	2	5	2	16.5	61	2.2	178	15
11/10/24 13:55	2	1	3	2	16.5	62	2.1	173	19
11/10/24 14:00	2	2	3	2	16.6	62	2.4	167	20
11/10/24 14:05	1	1	3	2	16.2	62	2.3	148	27
11/10/24 14:10	1	1	2	2	16.0	62	2.7	139	17
11/10/24 14:15	1	1	2	2	15.8	63	2.7	144	18
11/10/24 14:20	1	1	2	2	15.8	62	3.7	134	10
11/10/24 14:25	1	1	2	2	15.6	61	3.8	130	11
11/10/24 14:30	1	1	1	2	15.4	63	4.5	132	11
11/10/24 14:35	1	1	1	2	15.4	64	3.8	139	13
11/10/24 14:40	0	1	1	2	15.4	64	4.1	136	7
11/10/24 14:45	0	1	1	2	15.5	64	2.4	147	24
11/10/24 14:50	0	1	1	2	16.0	64	2.6	159	24
11/10/24 14:55	0	1	1	2	16.1	63	3.4	158	20
11/10/24 15:00	0	1	1	2	16.0	65	4.0	163	20
11/10/24 15:05	0	1	1	2	16.0	66	2.7	156	26
11/10/24 15:10	0	1	1	2	15.9	64	2.7	154	27
11/10/24 15:15	0	1	1	2	16.0	65	2.7	159	27
11/10/24 15:20	0	1	1	2	15.9	67	2.7	166	29
11/10/24 15:25	0	1	1	2	15.8	68	2.6	164	30
11/10/24 15:30	0	1	1	2	15.7	71	3.8	166	22
11/10/24 15:35	0	1	1	2	15.5	70	3.7	178	13
11/10/24 15:40	0	1	1	2	15.3	70	4.5	181	13
11/10/24 15:45	0	1	1	3	15.2	71	4.1	182	11
11/10/24 15:50	0	1	1	3	15.2	69	4.8	185	11
11/10/24 15:55	0	1	1	3	15.2	70	4.5	182	11
11/10/24 16:00	0	1	1	2	15.2	70	4.4	183	10
11/10/24 16:05	0	1	1	3	15.3	70	4.5	184	10
11/10/24 16:10	0	1	1	2	15.6	71	4.7	183	13
11/10/24 16:15	0	1	0	2	15.8	70	4.3	185	8
11/10/24 16:20	0	1	0	2	15.6	70	4.1	184	10
11/10/24 16:25	0	0	0	2	15.5	70	4.8	182	10
11/10/24 16:30	0	0	0	2	15.4	70	4.5	180	10
11/10/24 16:35	0	0	0	2	15.4	72	4.0	185	11
11/10/24 16:40	0	1	0	2	15.3	69	4.3	188	9
11/10/24 16:45	0	1	1	2	15.4	66	4.5	185	8
11/10/24 16:50	0	1	1	2	15.5	66	4.5	181	12
11/10/24 16:55	0	1	1	2	15.7	63	4.9	182	11
11/10/24 17:00	0	1	1	2	15.6	65	3.9	180	13
11/10/24 17:05	0	1	1	2	15.8	61	4.6	183	11
11/10/24 17:10	0	0	1	2	15.8	61	4.2	182	11
11/10/24 17:15	0	1	0	2	15.6	63	3.4	177	11
11/10/24 17:20	0	1	0	2	15.7	63	3.2	180	13
11/10/24 17:25	0	0	0	2	15.9	63	3.8	180	15
11/10/24 17:30	0	0	0	2	16.0	62	4.1	181	13
11/10/24 17:35	0	4	4	2	15.8	62	4.7	182	10
11/10/24 17:40	1	5	6	2	15.7	63	3.6	181	12
11/10/24 17:45	1	1	2	2	15.8	65	3.0	173	18
11/10/24 17:50	0	1	1	2	15.9	64	3.2	169	17
11/10/24 17:55	0	0	1	2	15.9	65	2.7	164	23
11/10/24 18:00	0	0	1	2	15.7	67	3.2	165	19
11/10/24 18:05	0	0	1	2	15.6	69	3.1	166	18
11/10/24 18:10	0	0	1	2	15.3	70	3.2	171	20
11/10/24 18:15	0	0	1	2	15.3	70	3.4	178	15
11/10/24 18:20	0	4	4	2	15.2	68	4.8	182	12
11/10/24 18:25	0	8	8	2	15.2	70	3.6	179	15
11/10/24 18:30	0	7	7	2	15.1	71	4.5	181	12
11/10/24 18:35	0	5	6	2	15.1	76	5.4	183	9
11/10/24 18:40	0	2	2	2	14.8	76	5.2	182	11
11/10/24 18:45	0	1	1	2	14.7	76	5.0	181	12
11/10/24 18:50	0	1	1	2	14.6	75	4.8	182	9
11/10/24 18:55	0	1	1	2	14.5	74	4.9	183	12
11/10/24 19:00	0	1	1	2	14.6	76	4.0	180	12

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/10/24 19:05	0	1	1	2	14.6	75	5.6	185	9
11/10/24 19:10	0	1	1	2	14.5	75	5.0	185	9
11/10/24 19:15	0	0	1	2	14.5	76	5.3	183	11
11/10/24 19:20	0	0	0	2	14.7	77	4.8	183	10
11/10/24 19:25	0	0	0	2	14.7	77	4.8	185	10
11/10/24 19:30	0	0	0	2	14.6	77	5.0	183	10
11/10/24 19:35	0	0	0	2	14.5	76	4.2	180	13
11/10/24 19:40	0	0	0	2	14.6	76	5.1	181	9
11/10/24 19:45	0	2	2	2	14.5	76	4.8	185	11
11/10/24 19:50	0	6	6	2	14.4	77	4.7	183	11
11/10/24 19:55	0	5	6	2	14.5	77	4.7	181	10
11/10/24 20:00	0	4	4	2	14.6	78	4.2	181	11
11/10/24 20:05	0	3	3	2	14.6	75	4.9	186	11
11/10/24 20:10	0	2	2	2	14.6	74	5.2	183	11
11/10/24 20:15	0	3	3	2	14.5	75	4.6	188	10
11/10/24 20:20	0	2	2	2	14.6	75	5.7	190	6
11/10/24 20:25	0	2	2	3	14.6	76	5.5	193	7
11/10/24 20:30	0	2	3	3	14.7	76	7.3	197	5
11/10/24 20:35	0	2	2	3	14.7	78	7.4	202	5
11/10/24 20:40	0	1	1	3	14.7	78	6.9	195	6
11/10/24 20:45	0	1	1	2	14.6	77	6.2	193	7
11/10/24 20:50	0	1	1	2	14.6	78	6.4	193	6
11/10/24 20:55	0	1	1	2	14.6	78	5.6	190	8
11/10/24 21:00	0	1	1	2	14.5	79	5.5	183	9
11/10/24 21:05	0	1	1	2	14.4	79	5.0	185	12
11/10/24 21:10	0	1	1	3	14.3	77	5.3	187	8
11/10/24 21:15	0	1	1	3	14.3	75	5.4	187	8
11/10/24 21:20	0	1	1	2	14.3	75	5.5	188	7
11/10/24 21:25	0	1	1	2	14.2	75	5.2	183	10
11/10/24 21:30	0	1	1	2	14.2	75	5.2	185	12
11/10/24 21:35	0	1	1	2	14.2	73	5.6	183	8
11/10/24 21:40	0	1	1	2	14.2	72	5.6	187	6
11/10/24 21:45	0	1	1	2	14.2	71	5.8	187	8
11/10/24 21:50	0	1	1	3	14.1	71	5.9	188	9
11/10/24 21:55	0	1	1	3	14.1	71	5.3	188	8
11/10/24 22:00	0	1	1	2	14.2	72	6.2	191	9
11/10/24 22:05	0	1	1	2	14.2	71	5.1	189	7
11/10/24 22:10	0	1	1	2	14.2	71	5.5	188	8
11/10/24 22:15	0	1	1	2	14.2	70	5.1	188	8
11/10/24 22:20	0	1	1	2	14.1	70	4.8	187	9
11/10/24 22:25	0	1	1	2	14.2	70	5.2	189	9
11/10/24 22:30	0	1	1	2	14.2	69	5.2	190	7
11/10/24 22:35	0	1	0	2	14.1	68	5.3	188	8
11/10/24 22:40	0	1	0	2	14.2	66	5.8	187	7
11/10/24 22:45	0	1	1	2	14.2	65	5.7	188	9
11/10/24 22:50	0	1	1	2	14.1	66	5.8	189	7
11/10/24 22:55	0	1	1	2	14.3	65	5.1	188	8
11/10/24 23:00	0	1	0	2	14.3	65	5.1	188	9
11/10/24 23:05	0	1	0	2	14.3	66	5.1	187	9
11/10/24 23:10	0	1	0	2	14.3	64	6.2	188	7
11/10/24 23:15	0	1	1	2	14.2	64	6.3	190	8
11/10/24 23:20	0	1	1	2	14.2	62	7.5	194	6
11/10/24 23:25	0	1	1	2	14.2	61	6.2	190	8
11/10/24 23:30	0	1	1	2	14.3	58	6.2	189	6
11/10/24 23:35	0	1	1	2	14.2	61	5.4	191	7
11/10/24 23:40	0	1	1	2	14.2	61	5.3	191	7
11/10/24 23:45	0	1	1	2	14.2	62	4.5	190	8
11/10/24 23:50	0	1	1		14.3	62	5.5	189	8
11/10/24 23:55	0	1	1		14.2	63	6.1	189	7
12/10/24 00:00	0	1	1	2	14.1	65	5.5	189	8
12/10/24 00:05	0	1	1	2	14.0	68	4.6	190	7
12/10/24 00:10	0	1	1	2	14.0	68	5.5	196	5
12/10/24 00:15	0	1	1	2	14.0	69	5.2	195	5
12/10/24 00:20	0	3	4	1	14.1	70	5.1	198	7
12/10/24 00:25	1	1	2	2	14.1	71	5.0	197	7
12/10/24 00:30	0	0	1	2	14.1	69	5.4	194	6
12/10/24 00:35	0	1	1	2	14.1	63	6.4	197	5
12/10/24 00:40	0	0	1	2	14.2	61	6.2	191	7
12/10/24 00:45	0	0	1	2	14.0	59	4.9	188	10
12/10/24 00:50	0	0	1	2	13.9	62	5.3	184	8
12/10/24 00:55	0	0	1	2	13.9	64	4.9	185	9
12/10/24 01:00	0	1	1	2	13.8	65	4.9	189	8
12/10/24 01:05					13.7	66	5.2	190	8
12/10/24 01:10					13.7	63	4.7	184	10
12/10/24 01:15					13.6	63	4.4	184	8
12/10/24 01:20					13.6	63	3.8	189	7
12/10/24 01:25					13.7	62	4.4	190	10
12/10/24 01:30					13.9	64	6.8	197	5
12/10/24 01:35					13.9	65	7.1	201	4
12/10/24 01:40					14.0	64	6.0	192	6
12/10/24 01:45					13.7	62	5.1	194	8
12/10/24 01:50					13.9	68	6.5	210	7
12/10/24 01:55					13.8	65	6.6	210	4
12/10/24 02:00					13.8	64	6.3	200	4

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/10/24 02:05	0	1	1	2	13.9	63	6.1	201	5
12/10/24 02:10	0	1	1	2	14.0	65	6.1	202	5
12/10/24 02:15	0	0	1	2	13.8	61	5.5	195	5
12/10/24 02:20	0	0	1	2	13.8	64	5.7	197	5
12/10/24 02:25	0	0	0	2	13.8	66	7.5	203	4
12/10/24 02:30	0	3	3	2	13.8	65	6.8	205	5
12/10/24 02:35	0	1	1	2	13.9	66	6.4	205	4
12/10/24 02:40	0	1	1	2	13.9	64	6.3	198	6
12/10/24 02:45	0	1	1	2	13.8	63	5.3	195	7
12/10/24 02:50	0	1	1	2	13.8	60	5.1	188	9
12/10/24 02:55	0	1	1	2	13.8	60	5.5	193	6
12/10/24 03:00	0	1	1	2	13.7	61	6.0	196	6
12/10/24 03:05	0	1	1	2	13.7	62	5.3	194	7
12/10/24 03:10	0	1	1	2	13.6	60	4.9	190	9
12/10/24 03:15	0	0	1	2	13.5	59	5.4	187	8
12/10/24 03:20	0	0	1	2	13.6	60	5.2	188	8
12/10/24 03:25	0	0	0	2	13.5	58	4.5	189	8
12/10/24 03:30	0	0	0	2	13.4	60	5.8	195	6
12/10/24 03:35	0	0	0	2	13.5	57	5.3	188	8
12/10/24 03:40	0	0	0	2	13.3	55	5.3	188	7
12/10/24 03:45	0	1	1	2	13.3	57	4.6	188	7
12/10/24 03:50	0	2	2	2	13.3	58	4.2	187	8
12/10/24 03:55	0	2	3	2	13.3	58	4.0	188	9
12/10/24 04:00	0	1	2	2	13.3	57	3.2	178	16
12/10/24 04:05	0	1	2	2	13.3	59	3.0	175	16
12/10/24 04:10	0	1	1	2	13.3	60	2.7	175	18
12/10/24 04:15	0	1	1	2	13.3	60	2.1	164	26
12/10/24 04:20	0	1	1	2	13.3	61	3.2	166	18
12/10/24 04:25	0	1	1	2	13.4	59	2.5	165	28
12/10/24 04:30	0	0	1	2	13.3	57	3.7	141	15
12/10/24 04:35	0	0	1	2	13.3	55	3.3	135	11
12/10/24 04:40	0	0	1	2	13.3	56	1.7	124	25
12/10/24 04:45	0	0	0	2	13.3	54	1.7	140	22
12/10/24 04:50	0	0	0	2	13.3	55	1.9	133	17
12/10/24 04:55	0	0	0	2	13.4	55	1.9	144	20
12/10/24 05:00	0	0	0	2	13.5	56	1.5	160	28
12/10/24 05:05	0	0	0	2	13.4	57	1.8	167	22
12/10/24 05:10	0	0	0	2	13.4	56	1.4	165	23
12/10/24 05:15	0	0	0	2	13.5	56	2.0	159	23
12/10/24 05:20	0	0	0	2	13.4	56	1.5	156	27
12/10/24 05:25	0	0	0	2	13.5	56	2.3	145	24
12/10/24 05:30	0	0	0	2	13.5	57	1.4	160	28
12/10/24 05:35	0	0	0	2	13.5	57	1.8	153	29
12/10/24 05:40	0	0	1	2	13.5	60	2.0	118	23
12/10/24 05:45	0	1	1	2	13.4	61	2.2	112	14
12/10/24 05:50	0	1	1	2	13.4	62	3.3	106	6
12/10/24 05:55	0	1	1	2	13.3	62	3.3	102	6
12/10/24 06:00	0	2	2	2	13.2	62	2.6	98	6
12/10/24 06:05	0	3	3	2	13.1	61	2.2	97	7
12/10/24 06:10	0	3	3	2	13.0	60	2.1	98	7
12/10/24 06:15	0	4	4	2	12.9	62	2.1	97	7
12/10/24 06:20	0	4	5	2	12.9	62	2.1	103	12
12/10/24 06:25	0	4	5	2	13.2	64	2.4	128	19
12/10/24 06:30	0	4	4	2	13.3	67	2.5	152	22
12/10/24 06:35	0	3	3	2	13.4	68	2.4	160	24
12/10/24 06:40	0	2	2	2	13.5	67	2.2	156	28
12/10/24 06:45	0	1	1	2	13.5	66	2.4	155	27
12/10/24 06:50	0	1	0	2	13.6	65	4.5	141	17
12/10/24 06:55	0	0	0	2	13.5	65	4.2	141	17
12/10/24 07:00	0	0	0	2	13.4	65	3.2	145	22
12/10/24 07:05	0	0	0	2	13.3	65	2.7	153	25
12/10/24 07:10	0	0	0	2	13.4	66	2.9	160	23
12/10/24 07:15	0	0	0	2	13.4	66	2.7	168	22
12/10/24 07:20	0	0	0	2	13.5	66	2.7	167	24
12/10/24 07:25	0	0	0	2	13.6	64	2.7	172	18
12/10/24 07:30	0	0	0	2	13.9	63	2.7	163	25
12/10/24 07:35	0	0	0	2	14.1	62	3.0	173	17
12/10/24 07:40	0	0	0	2	14.2	62	3.1	171	19
12/10/24 07:45	0	0	0	2	14.2	62	2.8	166	19
12/10/24 07:50	0	1	1	2	14.4	61	2.3	163	27
12/10/24 07:55	0	1	1	2	14.3	60	2.3	153	25
12/10/24 08:00	0	1	1	2	14.3	60	2.4	159	23
12/10/24 08:05	0	1	1	2	14.5	60	2.7	168	18
12/10/24 08:10	0	1	1	2	14.6	59	2.7	169	20
12/10/24 08:15	0	1	1	2	14.6	57	2.9	166	18
12/10/24 08:20	0	1	1	2	14.7	57	2.8	176	17
12/10/24 08:25	0	1	1	2	14.8	58	2.7	172	18
12/10/24 08:30	0	1	1	2	14.9	58	2.7	172	18
12/10/24 08:35	0	1	1	1	14.9	58	2.6	174	19
12/10/24 08:40	0	1	1	1	15.0	58	2.7	176	16
12/10/24 08:45	0	1	1	1	15.1	58	2.8	175	15
12/10/24 08:50	0	1	1	1	14.9	58	3.2	180	12
12/10/24 08:55	0	1	1	1	14.5	60	2.8	175	16
12/10/24 09:00	0	1	1	1	14.6	60	3.4	183	13

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/10/24 09:05	0	1	1	1	14.9	58	3.3	167	18
12/10/24 09:10	0	1	1	1	15.0	57	2.9	169	19
12/10/24 09:15	0	1	1	1	15.3	55	3.3	173	16
12/10/24 09:20	0	1	1	1	15.3	56	2.8	173	17
12/10/24 09:25	0	1	1	1	15.6	55	3.0	166	20
12/10/24 09:30	0	1	1	1	15.5	56	2.4	162	23
12/10/24 09:35	0	1	1	1	15.4	56	2.4	162	27
12/10/24 09:40	0	1	1	1	15.3	56	3.1	162	17
12/10/24 09:45	0	1	1	1	15.2	56	2.6	166	23
12/10/24 09:50	0	1	1	1	15.3	55	3.2	170	17
12/10/24 09:55	0	1	1	1	15.6	54	3.6	165	15
12/10/24 10:00	0	1	1	1	15.3	56	3.5	174	18
12/10/24 10:05	0	1	1	1	15.2	56	3.3	181	13
12/10/24 10:10	0	1	1	1	15.2	56	3.3	180	15
12/10/24 10:15	0	1	1	1	15.2	56	3.5	179	12
12/10/24 10:20	0	1	1	1	15.2	56	3.5	182	14
12/10/24 10:25	0	1	1	1	15.3	57	3.5	183	14
12/10/24 10:30	0	1	1	1	15.3	57	3.6	186	12
12/10/24 10:35	0	1	1	1	15.1	56	4.1	187	10
12/10/24 10:40	0	1	2	1	14.9	57	4.0	186	9
12/10/24 10:45	0	1	2	1	15.3	56	3.9	189	12
12/10/24 10:50	0	1	2	1	14.8	56	4.3	191	8
12/10/24 10:55	0	1	2	1	14.8	58	4.5	190	8
12/10/24 11:00	1	1	2	1	14.7	57	5.4	194	5
12/10/24 11:05	0	1	2	1	14.6	59	5.0	192	8
12/10/24 11:10	1	2	2	1	14.8	58	4.8	192	7
12/10/24 11:15	1	2	2	1	14.7	57	5.2	193	5
12/10/24 11:20	1	2	2	1	14.8	58	5.1	194	6
12/10/24 11:25	1	2	2	1	14.6	58	5.5	195	4
12/10/24 11:30	1	2	2	1	14.7	59	5.5	194	4
12/10/24 11:35	1	2	2	1	14.7	57	5.5	194	5
12/10/24 11:40	0	2	2	1	14.7	60	6.1	194	4
12/10/24 11:45	1	2	3	1	14.8	60	5.3	194	4
12/10/24 11:50	1	3	5	1	14.8	59	5.9	194	4
12/10/24 11:55	2	3	4	1	15.0	58	5.6	192	7
12/10/24 12:00	1	2	4	1	15.1	61	5.9	195	4
12/10/24 12:05	1	2	4	1	15.0	62	6.1	196	3
12/10/24 12:10	1	2	3	1	14.6	63	6.4	199	3
12/10/24 12:15	1	2	2	1	14.7	64	6.9	198	3
12/10/24 12:20	1	1	2	1	14.7	64	6.6	197	3
12/10/24 12:25	1	2	2	1	14.8	65	6.5	200	4
12/10/24 12:30	1	2	2	1	14.8	66	6.2	200	4
12/10/24 12:35	1	2	2	1	14.7	65	6.4	200	4
12/10/24 12:40	2	3	5	1	14.8	67	6.0	200	5
12/10/24 12:45	6	6	11	1	14.7	65	6.3	198	5
12/10/24 12:50	1	3	4	1	14.8	66	6.5	197	4
12/10/24 12:55	1	3	4	1	14.9	65	6.5	195	4
12/10/24 13:00	1	3	4	1	15.2	66	7.1	196	3
12/10/24 13:05	1	2	3	1	15.1	67	7.0	196	4
12/10/24 13:10	1	2	3	1	15.1	65	7.1	193	4
12/10/24 13:15	1	2	3	1	15.2	65	7.4	194	3
12/10/24 13:20	1	2	2	1	15.2	68	7.2	196	3
12/10/24 13:25	1	2	2	1	15.0	67	7.7	198	3
12/10/24 13:30	0	2	2	1	15.0	68	7.3	198	3
12/10/24 13:35	1	2	3	1	15.0	69	7.4	198	3
12/10/24 13:40	1	2	3	1	15.1	69	7.6	197	3
12/10/24 13:45	1	3	4	1	15.2	69	7.3	196	3
12/10/24 13:50	1	3	4	1	15.3	68	7.0	194	4
12/10/24 13:55	1	0	2	1	15.4	67	6.9	195	3
12/10/24 14:00	1	0	1	1	15.4	68	6.6	195	5
12/10/24 14:05	1	1	1	1	15.8	62	5.7	191	6
12/10/24 14:10	1	1	2	1	16.1	60	5.7	191	7
12/10/24 14:15	1	2	2	1	16.1	62	5.9	193	5
12/10/24 14:20	1	1	2	1	15.8	64	6.7	194	6
12/10/24 14:25	1	1	2	1	15.9	65	6.5	194	5
12/10/24 14:30	0	1	1	1	15.8	64	6.6	191	6
12/10/24 14:35	0	1	1	1	16.0	64	6.1	194	6
12/10/24 14:40	0	1	1	1	15.8	67	7.0	195	4
12/10/24 14:45	0	1	1	1	15.6	67	7.0	195	4
12/10/24 14:50	0	1	1	1	16.0	65	6.5	193	6
12/10/24 14:55	0	1	1	1	15.6	68	7.2	197	4
12/10/24 15:00	0	1	1	1	15.5	69	7.4	196	3
12/10/24 15:05	0	1	1	1	15.7	67	7.4	196	4
12/10/24 15:10	0	1	1	1	15.7	68	7.3	195	4
12/10/24 15:15	0	1	1	1	15.6	68	7.3	197	3
12/10/24 15:20	0	1	1	1	15.6	68	7.8	197	4
12/10/24 15:25	0	1	1	1	15.6	67	6.7	194	6
12/10/24 15:30	0	1	1	1	15.9	63	7.0	193	5
12/10/24 15:35	0	1	1	1	15.9	64	6.7	193	6
12/10/24 15:40	0	1	1	1	15.8	66	7.1	195	6
12/10/24 15:45	0	1	1	1	15.7	67	7.7	196	3
12/10/24 15:50	0	1	1	1	15.6	67	7.0	195	4
12/10/24 15:55	0	1	1	1	15.6	66	7.1	195	4
12/10/24 16:00	2	5	7	1	15.8	65	6.7	195	5

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/10/24 16:05				1	15.7	66	6.9	195	5
12/10/24 16:10	0	0	0	1	15.8	66	6.9	196	4
12/10/24 16:15	0	0	0	1	15.7	66	7.1	196	4
12/10/24 16:20	0	0	1	1	15.8	65	6.8	196	5
12/10/24 16:25	0	1	1	1	15.6	67	7.1	197	3
12/10/24 16:30	0	1	1	1	15.6	67	6.8	194	4
12/10/24 16:35	0	1	1	1	15.7	65	5.7	193	7
12/10/24 16:40	0	1	1	1	15.9	65	4.9	191	9
12/10/24 16:45	0	1	1	1	16.2	64	4.7	191	8
12/10/24 16:50	0	1	1	1	16.3	64	4.6	191	8
12/10/24 16:55	0	1	1	1	16.3	64	4.0	190	10
12/10/24 17:00	0	1	1	1	16.3	64	4.8	192	7
12/10/24 17:05	0	1	1	1	16.3	64	4.6	189	8
12/10/24 17:10	0	2	2	1	16.3	65	4.4	190	8
12/10/24 17:15	23	33	56	1	16.3	64	4.9	191	7
12/10/24 17:20	11	16	27	1	16.2	64	4.9	190	6
12/10/24 17:25	5	14	19	1	16.2	65	4.9	191	8
12/10/24 17:30	3	6	9	2	16.3	64	5.6	191	7
12/10/24 17:35	2	0	2	2	16.1	66	5.3	192	7
12/10/24 17:40	1	1	2	2	15.9	68	6.6	195	5
12/10/24 17:45	1	3	4	1	15.7	69	6.2	194	5
12/10/24 17:50	1	3	4	1	15.8	69	6.5	194	5
12/10/24 17:55	1	4	5	1	15.7	68	5.8	194	5
12/10/24 18:00	1	4	5	1	15.7	67	5.9	193	6
12/10/24 18:05	1	4	4	1	15.5	68	6.0	193	7
12/10/24 18:10	1	3	4	1	15.5	68	5.0	189	9
12/10/24 18:15	0	4	4	1	15.4	68	4.5	189	9
12/10/24 18:20	0	5	5	1	15.3	69	4.6	183	11
12/10/24 18:25	0	5	5	1	15.1	70	5.0	180	10
12/10/24 18:30	0	3	3	1	15.1	72	4.5	183	11
12/10/24 18:35	0	2	2	1	15.1	73	4.3	187	9
12/10/24 18:40	0	1	2	1	15.0	73	3.7	182	15
12/10/24 18:45	0	1	2	1	15.0	72	2.1	161	32
12/10/24 18:50	0	1	2	1	15.0	72	2.3	166	27
12/10/24 18:55	0	1	2	1	14.9	72	2.3	161	29
12/10/24 19:00	0	2	2	1	14.9	71	2.1	168	32
12/10/24 19:05	0	2	1	1	14.8	71	2.5	155	26
12/10/24 19:10	0	1	1	1	14.6	70	2.8	148	23
12/10/24 19:15	0	1	1	1	14.6	71	2.1	161	30
12/10/24 19:20	0	1	1	1	14.6	72	2.7	162	22
12/10/24 19:25	0	1	1	1	14.5	72	3.1	160	22
12/10/24 19:30	0	1	1	1	14.5	73	2.6	170	24
12/10/24 19:35	0	1	1	1	14.5	74	2.6	177	16
12/10/24 19:40	0	1	1	1	14.4	74	3.5	179	12
12/10/24 19:45	0	1	1	1	14.4	74	2.8	175	13
12/10/24 19:50	0	1	2	1	14.4	75	3.1	175	14
12/10/24 19:55	0	1	1	1	14.3	74	3.2	181	14
12/10/24 20:00	0	1	2	1	14.2	75	3.3	179	13
12/10/24 20:05	0	2	2	1	14.1	75	3.4	178	11
12/10/24 20:10	0	2	2	1	14.2	77	3.1	180	17
12/10/24 20:15	0	2	2	1	14.2	76	3.1	167	15
12/10/24 20:20	0	2	2	1	14.1	76	2.8	169	17
12/10/24 20:25	0	2	2	1	14.0	76	3.0	179	12
12/10/24 20:30	0	2	2	1	14.0	76	2.4	168	22
12/10/24 20:35	0	2	2	1	13.9	76	2.0	165	25
12/10/24 20:40	0	2	2	1	13.9	76	2.4	175	17
12/10/24 20:45	0	2	2	1	13.9	76	3.1	182	11
12/10/24 20:50	0	2	2	1	13.8	76	2.6	181	13
12/10/24 20:55	0	2	2	1	13.8	76	2.6	177	15
12/10/24 21:00	0	2	2	1	13.7	76	2.4	180	18
12/10/24 21:05	0	2	2	1	13.7	77	2.5	178	15
12/10/24 21:10	0	2	2	1	13.7	76	1.9	158	27
12/10/24 21:15	0	2	2	1	13.6	75	2.1	151	24
12/10/24 21:20	0	2	2	1	13.6	76	1.6	159	26
12/10/24 21:25	0	2	2	1	13.6	77	1.8	165	22
12/10/24 21:30	0	1	1	1	13.5	76	1.7	155	27
12/10/24 21:35	0	1	1	1	13.6	76	1.9	145	24
12/10/24 21:40	0	1	1	1	13.4	76	2.7	139	18
12/10/24 21:45	0	1	1	1	13.4	76	2.0	141	25
12/10/24 21:50	0	1	1	1	13.4	76	2.1	137	17
12/10/24 21:55	0	1	2	1	13.4	75	2.2	139	16
12/10/24 22:00	0	1	1	1	13.4	77	1.4	172	18
12/10/24 22:05	0	1	1	1	13.3	76	1.3	153	23
12/10/24 22:10	0	1	1	1	13.3	77	1.6	167	16
12/10/24 22:15	0	1	1	1	13.3	76	1.1	167	22
12/10/24 22:20	0	1	2	1	13.3	78	1.5	185	12
12/10/24 22:25	0	1	2	1	13.3	77	1.3	181	15
12/10/24 22:30	0	2	2	1	13.3	77	1.6	183	11
12/10/24 22:35	0	2	2	1	13.2	76	1.8	183	8
12/10/24 22:40	0	2	2	1	13.1	77	2.1	185	11
12/10/24 22:45	0	2	2	1	13.1	76	1.6	182	11
12/10/24 22:50	0	2	2	1	13.2	78	1.5	182	14
12/10/24 22:55	0	2	2	1	13.1	78	1.4	178	17
12/10/24 23:00	0	3	3	1	13.2	78	1.2	168	21

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/10/24 23:05	0	3	3	1	13.0	76	1.6	136	15
12/10/24 23:10	0	3	3	1	12.9	76	1.4	124	17
12/10/24 23:15	0	3	3	1	12.9	77	0.9	110	19
12/10/24 23:20	0	4	4	1	12.9	77	0.8	146	22
12/10/24 23:25	0	4	4	2	12.9	78	0.7	176	32
12/10/24 23:30	0	4	4	1	12.8	78	0.5	155	33
12/10/24 23:35	0	4	4	1	12.7	78	0.5	191	21
12/10/24 23:40	0	4	4	1	12.6	78	0.3	350	31
12/10/24 23:45	0	5	5	1	12.5	79	0.9	333	12
12/10/24 23:50	0	6	7		12.3	80	1.2	314	9
12/10/24 23:55	0	12	13		12.3	81	1.6	301	6
13/10/24 00:00	0	18	18	1	12.2	81	1.6	297	8
13/10/24 00:05	1	18	19	1	12.1	82	1.5	288	11
13/10/24 00:10	1	19	20	1	12.0	82	1.8	296	10
13/10/24 00:15	1	21	22	1	12.0	83	2.0	303	7
13/10/24 00:20	1	22	23	1	11.7	83	1.7	301	8
13/10/24 00:25	1	22	23	2	11.6	83	2.1	299	8
13/10/24 00:30	1	22	24	2	11.5	83	1.7	299	10
13/10/24 00:35	1	22	23	1	11.5	83	1.4	302	16
13/10/24 00:40	1	22	23	2	11.3	83	1.0	333	16
13/10/24 00:45	1	21	23	2	11.1	83	1.4	338	18
13/10/24 00:50	1	21	22	2	11.0	83	1.4	343	23
13/10/24 00:55	1	20	21	2	10.9	83	1.3	330	21
13/10/24 01:00	2	21	23	2	10.9	83	1.6	303	11
13/10/24 01:05					10.9	83	1.3	322	18
13/10/24 01:10					11.0	83	1.1	341	25
13/10/24 01:15					10.8	83	1.7	354	19
13/10/24 01:20					10.8	83	1.7	357	16
13/10/24 01:25					10.6	82	1.4	353	21
13/10/24 01:30					10.6	83	1.1	336	30
13/10/24 01:35					10.6	82	1.2	324	23
13/10/24 01:40					10.4	82	1.1	324	24
13/10/24 01:45					10.4	82	1.3	323	17
13/10/24 01:50					10.3	82	1.4	338	20
13/10/24 01:55					10.3	82	1.0	347	19
13/10/24 02:00					10.2	82	0.9	344	38
13/10/24 02:05	1	12	13	2	10.2	83	0.9	314	23
13/10/24 02:10	0	12	13	2	10.3	82	1.2	314	14
13/10/24 02:15	0	12	13	1	10.2	82	0.7	335	32
13/10/24 02:20	0	12	13	2	10.2	82	0.8	1	28
13/10/24 02:25	0	12	13	2	10.1	82	0.7	358	36
13/10/24 02:30	0	12	13	2	10.1	82	1.3	319	19
13/10/24 02:35	0	13	13	2	10.1	82	1.1	319	19
13/10/24 02:40	0	13	13	2	10.2	82	1.0	330	28
13/10/24 02:45	0	13	14	2	10.2	83	0.6	313	32
13/10/24 02:50	0	14	14	2	10.2	83	0.7	329	45
13/10/24 02:55	0	15	15	2	10.1	82	1.0	2	21
13/10/24 03:00	0	15	16	2	9.9	83	0.9	351	33
13/10/24 03:05	0	16	16	2	10.0	83	0.6	339	24
13/10/24 03:10	0	16	16	2	10.0	84	0.8	338	26
13/10/24 03:15	0	17	17	2	10.0	83	1.5	359	15
13/10/24 03:20	1	17	18	2	9.8	84	1.5	355	15
13/10/24 03:25	1	17	17	2	9.9	84	1.3	0	13
13/10/24 03:30	1	16	17	2	9.9	84	1.5	359	16
13/10/24 03:35	1	16	16	2	9.9	84	1.3	356	10
13/10/24 03:40	1	15	16	2	9.9	84	1.0	356	9
13/10/24 03:45	0	15	15	2	9.8	84	1.0	5	20
13/10/24 03:50	0	15	15	2	9.7	85	1.6	0	15
13/10/24 03:55	0	14	14	2	9.8	85	1.2	355	24
13/10/24 04:00	0	13	14	2	10.0	85	1.1	325	25
13/10/24 04:05	0	13	14	2	10.1	84	0.6	50	48
13/10/24 04:10	0	13	13	2	10.0	84	0.8	84	15
13/10/24 04:15	0	13	14	2	9.9	84	0.5	67	13
13/10/24 04:20	0	14	15	2	9.8	84	0.7	90	9
13/10/24 04:25	0	15	16	2	9.7	84	1.0	61	19
13/10/24 04:30	0	16	16	2	9.5	85	1.1	38	11
13/10/24 04:35	0	16	16	2	9.5	85	1.5	50	7
13/10/24 04:40	0	16	16	2	9.5	84	1.0	47	11
13/10/24 04:45	1	16	16	2	9.4	84	1.3	39	10
13/10/24 04:50	1	16	17	2	9.3	85	1.2	43	14
13/10/24 04:55	1	16	17	2	9.2	85	1.1	44	12
13/10/24 05:00	1	16	17	2	9.1	85	0.9	61	12
13/10/24 05:05	1	16	17	2	9.1	85	0.5	75	18
13/10/24 05:10	1	16	17	2	9.1	86	0.3	70	24
13/10/24 05:15	1	15	16	2	9.0	86	0.4	45	17
13/10/24 05:20	1	15	16	2	9.1	86	0.7	21	14
13/10/24 05:25	1	16	17	2	9.1	86	0.7	1	9
13/10/24 05:30	3	16	19	2	9.2	86	0.5	27	13
13/10/24 05:35	5	17	22	2	9.2	86	0.6	49	19
13/10/24 05:40	4	18	21	2	9.4	85	1.8	34	20
13/10/24 05:45	3	15	17	2	10.6	78	2.9	27	16
13/10/24 05:50	2	10	12	2	11.6	71	2.8	21	19
13/10/24 05:55	2	9	11	2	12.0	68	2.7	26	19
13/10/24 06:00	1	9	10	2	12.3	67	2.5	18	20

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/10/24 06:05	1	9	10	2	12.5	65	3.2	11	22
13/10/24 06:10	1	9	10	2	12.8	63	3.2	6	19
13/10/24 06:15	1	9	10	2	13.0	62	2.0	8	26
13/10/24 06:20	1	9	10	2	13.3	61	2.9	7	23
13/10/24 06:25	1	8	10	2	13.4	60	2.6	6	18
13/10/24 06:30	1	8	10	2	13.6	60	2.0	350	27
13/10/24 06:35	1	8	9	2	13.6	59	1.7	338	31
13/10/24 06:40	2	8	9	2	13.7	59	2.1	333	27
13/10/24 06:45	2	8	10	2	13.7	61	1.3	330	41
13/10/24 06:50	3	10	12	2	13.8	59	1.4	345	40
13/10/24 06:55	4	17	21	2	14.0	58	2.0	338	26
13/10/24 07:00	5	18	23	2	14.4	56	2.2	325	28
13/10/24 07:05	5	14	19	2	14.7	54	2.3	322	26
13/10/24 07:10	5	8	13	2	15.1	53	2.0	322	32
13/10/24 07:15	4	6	10	2	15.3	52	1.9	331	36
13/10/24 07:20	3	6	9	2	15.6	52	2.0	355	32
13/10/24 07:25	3	6	9	2	15.9	50	2.7	331	31
13/10/24 07:30	2	5	8	2	16.1	50	2.2	341	34
13/10/24 07:35	2	5	7	2	16.2	49	2.5	334	26
13/10/24 07:40	2	5	7	2	16.3	49	2.5	330	32
13/10/24 07:45	2	5	7	2	16.5	49	1.8	322	37
13/10/24 07:50	2	5	7	2	16.6	48	2.0	330	36
13/10/24 07:55	2	5	7	2	16.7	48	2.3	320	33
13/10/24 08:00	2	4	6	2	16.7	48	2.5	323	29
13/10/24 08:05	2	4	6	2	16.7	48	2.4	312	29
13/10/24 08:10	2	4	6	2	17.0	48	2.3	338	35
13/10/24 08:15	2	4	6	2	17.4	46	3.5	3	24
13/10/24 08:20	2	4	6	2	17.5	46	3.1	337	27
13/10/24 08:25	2	4	6	2	17.7	46	3.2	348	29
13/10/24 08:30	2	4	6	2	17.9	45	3.7	356	28
13/10/24 08:35	2	4	6	2	18.0	45	2.4	351	35
13/10/24 08:40	2	4	6	2	18.1	45	3.0	349	32
13/10/24 08:45	2	4	6	2	18.2	44	3.8	5	21
13/10/24 08:50	2	4	6	2	18.5	44	4.0	353	34
13/10/24 08:55	2	4	6	2	18.5	44	2.7	349	35
13/10/24 09:00	2	4	5	2	18.7	44	2.9	333	34
13/10/24 09:05	1	3	5	2	18.5	44	3.4	325	28
13/10/24 09:10	2	3	5	2	18.7	43	3.7	340	29
13/10/24 09:15	1	3	5	2	18.9	42	3.3	328	38
13/10/24 09:20	1	3	4	2	19.0	41	2.9	340	35
13/10/24 09:25	1	3	4	2	19.0	41	3.4	335	30
13/10/24 09:30	1	3	4	2	19.2	40	3.0	323	35
13/10/24 09:35	1	2	3	2	19.2	40	3.8	328	26
13/10/24 09:40	1	2	3	2	19.3	39	4.4	342	31
13/10/24 09:45	1	3	4	2	19.8	36	4.4	356	28
13/10/24 09:50	1	3	4	2	19.7	36	4.4	346	31
13/10/24 09:55	1	3	4	2	19.9	35	4.7	357	28
13/10/24 10:00	1	3	4	2	20.1	35	3.5	355	32
13/10/24 10:05	1	3	4	2	20.4	34	4.9	354	25
13/10/24 10:10	1	3	4	2	20.3	34	5.0	356	23
13/10/24 10:15	1	3	4	2	20.4	34	4.1	354	29
13/10/24 10:20	1	3	4	2	20.5	34	4.6	355	21
13/10/24 10:25	1	3	4	2	20.7	35	4.5	5	22
13/10/24 10:30	1	3	4	2	20.8	35	4.9	6	20
13/10/24 10:35	1	3	4	2	20.8	35	4.3	355	22
13/10/24 10:40	1	3	4	2	21.0	35	3.3	360	30
13/10/24 10:45	1	3	4	2	21.1	33	3.9	1	28
13/10/24 10:50	1	3	4	2	21.2	33	4.5	1	28
13/10/24 10:55	1	3	4	2	21.1	32	3.4	340	35
13/10/24 11:00	1	3	4	2	21.0	32	3.2	329	33
13/10/24 11:05	1	3	3	2	21.1	32	4.6	353	27
13/10/24 11:10	1	3	3	2	21.3	32	4.0	317	27
13/10/24 11:15	1	2	3	2	21.2	31	3.6	333	29
13/10/24 11:20	1	3	3	2	21.6	30	5.5	357	24
13/10/24 11:25	1	3	4	2	21.6	30	4.7	353	29
13/10/24 11:30	1	3	4	2	21.7	31	5.1	350	23
13/10/24 11:35	1	3	4	2	21.8	31	3.5	339	30
13/10/24 11:40	1	3	4	2	21.9	30	3.4	354	35
13/10/24 11:45	1	3	4	2	22.2	30	4.3	358	27
13/10/24 11:50	1	3	4	2	22.5	30	4.1	348	30
13/10/24 11:55	1	3	4	2	22.5	29	4.2	356	30
13/10/24 12:00	1	3	4	2	22.4	29	3.6	333	29
13/10/24 12:05	1	3	4	2	22.6	29	2.7	358	37
13/10/24 12:10	1	3	4	2	23.0	29	4.2	358	26
13/10/24 12:15	1	3	5	2	23.1	28	3.8	349	34
13/10/24 12:20	1	3	4	2	23.0	27	3.2	338	35
13/10/24 12:25	1	3	4	2	23.0	28	2.4	333	40
13/10/24 12:30	1	3	4	2	23.2	29	3.5	349	31
13/10/24 12:35	1	3	4	2	23.3	28	4.4	351	27
13/10/24 12:40	1	3	4	2	23.1	29	3.7	1	30
13/10/24 12:45	1	3	4	2	23.2	29	3.8	9	22
13/10/24 12:50	1	3	4	2	23.5	28	3.3	353	32
13/10/24 12:55	1	3	5	2	23.8	28	4.0	350	29
13/10/24 13:00	1	4	5	2	23.8	28	2.9	358	36

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/10/24 13:05	1	4	5	2	24.1	27	5.1	11	20
13/10/24 13:10	1	3	5	2	23.7	28	3.3	322	33
13/10/24 13:15	1	3	4	2	23.6	27	4.1	317	22
13/10/24 13:20	1	3	4	2	23.8	27	3.5	347	38
13/10/24 13:25	1	3	4	2	24.2	27	3.0	349	39
13/10/24 13:30	1	3	3	2	24.2	27	4.0	328	25
13/10/24 13:35	1	3	3	2	24.2	27	2.8	341	41
13/10/24 13:40	1	3	4	2	24.2	27	4.2	318	28
13/10/24 13:45	1	2	3	2	23.8	27	4.5	305	20
13/10/24 13:50	1	2	3	2	23.6	28	3.7	322	27
13/10/24 13:55	1	2	3	2	23.6	28	3.3	316	24
13/10/24 14:00	1	2	3	2	23.9	27	3.8	314	27
13/10/24 14:05	1	2	3	2	23.8	28	4.7	306	20
13/10/24 14:10	1	2	3	2	24.3	27	2.7	344	35
13/10/24 14:15	1	2	3	2	24.4	27	3.5	321	30
13/10/24 14:20	1	2	3	2	24.4	27	2.9	346	33
13/10/24 14:25	1	3	3	2	24.4	27	3.5	320	26
13/10/24 14:30	1	2	3	2	24.2	28	1.7	350	40
13/10/24 14:35	1	3	4	2	24.5	27	3.4	346	27
13/10/24 14:40	1	3	4	2	24.7	27	3.9	355	34
13/10/24 14:45	1	3	4	2	24.5	27	3.0	341	34
13/10/24 14:50	1	3	4	2	24.6	27	3.7	349	36
13/10/24 14:55	1	3	4	2	24.4	27	4.4	329	32
13/10/24 15:00	1	3	3	2	24.4	27	3.7	343	30
13/10/24 15:05	1	3	4	2	24.7	26	3.8	4	28
13/10/24 15:10	1	3	4	2	24.8	26	3.5	340	35
13/10/24 15:15	1	3	4	2	24.9	25	3.6	358	24
13/10/24 15:20	1	3	4	2	24.9	25	3.5	336	30
13/10/24 15:25	1	3	3	2	24.9	26	2.1	330	36
13/10/24 15:30	1	3	3	2	25.2	25	3.4	4	26
13/10/24 15:35	1	3	4	2	25.1	25	4.3	13	22
13/10/24 15:40	1	3	4	2	24.8	25	3.8	19	19
13/10/24 15:45	1	3	4	2	25.0	26	2.5	360	41
13/10/24 15:50	1	3	4	2	24.9	26	2.9	354	30
13/10/24 15:55	1	3	4	2	24.9	25	2.9	20	22
13/10/24 16:00	1	3	4	2	25.0	26	1.6	5	46
13/10/24 16:05	1	4	5	2	25.0	25	3.4	316	27
13/10/24 16:10	1	4	4	2	24.9	26	2.5	310	29
13/10/24 16:15	1	4	5	2	25.1	25	2.8	6	29
13/10/24 16:20	1	4	5	2	25.2	25	2.5	9	35
13/10/24 16:25	1	4	5	2	25.2	25	2.8	337	30
13/10/24 16:30	1	4	5	2	25.1	25	2.0	333	39
13/10/24 16:35	1	4	4	2	24.8	26	2.1	321	39
13/10/24 16:40	1	4	4	2	24.8	26	1.4	323	43
13/10/24 16:45	1	4	5	2	25.0	25	2.8	4	19
13/10/24 16:50	1	4	5	2	25.0	26	1.4	330	38
13/10/24 16:55	1	5	5	2	25.0	26	2.0	358	26
13/10/24 17:00	1	5	5	2	25.2	26	1.6	346	31
13/10/24 17:05	1	5	6	2	25.1	26	2.5	12	33
13/10/24 17:10	1	5	6	2	25.1	26	2.8	19	21
13/10/24 17:15	1	6	7	2	25.2	26	2.9	22	20
13/10/24 17:20	1	5	6	2	25.2	26	2.8	17	19
13/10/24 17:25	1	5	6	2	25.1	26	2.7	10	23
13/10/24 17:30	1	5	6	2	25.0	26	2.6	10	22
13/10/24 17:35	1	5	6	2	25.1	26	1.6	12	27
13/10/24 17:40	1	6	7	2	25.2	26	2.1	355	27
13/10/24 17:45	1	6	6	2	25.2	25	2.2	313	24
13/10/24 17:50	1	6	6	2	25.0	25	2.6	319	27
13/10/24 17:55	1	6	6	2	24.8	25	2.7	323	28
13/10/24 18:00	0	7	7	2	24.7	25	2.5	308	24
13/10/24 18:05	1	7	8	2	24.5	26	2.4	310	22
13/10/24 18:10	0	7	8	2	24.4	25	2.2	326	29
13/10/24 18:15	0	7	7	2	24.4	26	2.4	308	24
13/10/24 18:20	1	7	8	2	24.2	26	1.9	308	23
13/10/24 18:25	1	7	8	2	24.1	27	1.6	313	23
13/10/24 18:30	0	7	8	2	24.0	26	1.8	337	27
13/10/24 18:35	0	8	9	2	24.0	26	1.4	352	27
13/10/24 18:40	0	10	10	3	23.8	27	1.2	355	29
13/10/24 18:45	0	11	11	3	23.6	28	1.1	342	33
13/10/24 18:50	0	12	12	3	23.4	28	1.2	357	25
13/10/24 18:55	0	13	14	2	23.2	29	0.7	18	27
13/10/24 19:00	0	15	15	2	23.1	29	0.9	13	23
13/10/24 19:05	0	15	16	2	23.0	29	0.9	21	27
13/10/24 19:10	1	15	17	2	23.0	29	1.1	24	25
13/10/24 19:15	2	14	16	2	22.8	29	1.0	24	22
13/10/24 19:20	2	12	14	2	22.8	29	1.5	24	20
13/10/24 19:25	1	10	11	2	22.8	29	1.9	20	14
13/10/24 19:30	1	10	11	2	22.8	29	1.9	16	17
13/10/24 19:35	3	9	12	2	22.8	28	2.1	27	17
13/10/24 19:40	0	11	11	2	22.9	28	2.3	20	15
13/10/24 19:45	0	10	10	2	23.0	27	2.4	16	18
13/10/24 19:50	0	9	9	3	23.2	27	2.2	22	19
13/10/24 19:55	0	9	9	3	23.3	26	2.9	21	14
13/10/24 20:00	0	7	8	3	23.3	26	3.6	21	15

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/10/24 20:05	1	8	9	3	23.4	26	2.7	22	16
13/10/24 20:10	1	7	8	2	23.4	26	2.8	21	15
13/10/24 20:15	0	7	8	2	23.3	26	2.6	18	18
13/10/24 20:20	0	7	8	2	23.2	26	2.5	11	18
13/10/24 20:25	0	7	8	2	23.2	26	2.6	7	18
13/10/24 20:30	0	8	8	2	23.1	26	2.4	13	16
13/10/24 20:35	0	8	8	2	22.9	26	1.7	11	23
13/10/24 20:40	1	9	9	3	22.8	27	1.9	11	24
13/10/24 20:45	0	9	9	2	22.8	27	2.1	8	19
13/10/24 20:50	0	9	9	2	22.8	27	1.8	1	22
13/10/24 20:55	0	9	9	2	22.6	27	1.7	331	21
13/10/24 21:00	0	9	9	2	22.6	27	1.6	343	26
13/10/24 21:05	0	10	10	2	22.4	28	1.5	349	22
13/10/24 21:10	1	11	12	2	22.1	29	1.6	346	26
13/10/24 21:15	3	27	30	3	22.0	30	1.0	352	45
13/10/24 21:20	5	31	36	3	21.7	31	1.9	357	20
13/10/24 21:25	3	28	31	3	21.5	33	1.6	302	33
13/10/24 21:30	3	28	31	3	21.1	37	3.4	275	12
13/10/24 21:35	3	25	28	3	20.8	38	2.4	276	13
13/10/24 21:40	2	20	22	3	20.7	38	1.7	294	11
13/10/24 21:45	1	21	22	3	20.9	35	1.5	310	14
13/10/24 21:50	1	20	21	3	20.9	36	1.2	283	24
13/10/24 21:55	1	19	20	3	20.7	42	3.9	267	13
13/10/24 22:00	1	17	17	3	20.7	45	6.6	262	6
13/10/24 22:05	1	11	11	3	20.5	48	6.4	263	6
13/10/24 22:10	0	8	8	3	20.3	50	5.6	260	7
13/10/24 22:15	0	8	8	3	19.9	52	6.2	259	9
13/10/24 22:20	0	8	8	3	20.0	53	6.0	255	6
13/10/24 22:25	0	9	10	2	19.7	55	5.9	238	7
13/10/24 22:30	1	10	10	3	19.5	58	6.4	251	7
13/10/24 22:35	0	9	10	3	19.4	59	6.6	253	6
13/10/24 22:40	0	9	10	3	19.2	61	6.3	264	9
13/10/24 22:45	0	9	10	3	19.0	63	5.0	266	8
13/10/24 22:50	0	9	9	3	18.9	64	4.2	262	6
13/10/24 22:55	0	9	9	2	18.7	65	3.4	259	6
13/10/24 23:00	0	10	10	2	18.5	66	2.9	249	10
13/10/24 23:05	1	12	13	2	18.4	67	2.8	236	8
13/10/24 23:10	1	3	4	2	18.2	70	2.4	198	7
13/10/24 23:15	0	2	2	2	18.2	72	1.9	199	8
13/10/24 23:20	0	2	2	2	17.9	74	1.7	195	11
13/10/24 23:25	0	2	2	2	17.8	74	1.7	192	12
13/10/24 23:30	0	2	2	2	17.8	73	1.1	171	27
13/10/24 23:35	0	2	2	2	17.7	74	1.0	102	20
13/10/24 23:40	0	2	2	2	17.7	76	1.3	117	22
13/10/24 23:45	0	2	2	2	17.5	76	1.2	155	24
13/10/24 23:50	0	2	2		17.3	77	1.6	203	9
13/10/24 23:55	0	3	3		17.2	79	1.7	219	13
14/10/24 00:00	0	3	3	2	16.9	81	3.9	219	5
14/10/24 00:05	0	2	2	2	16.8	82	5.9	226	4
14/10/24 00:10	0	2	2	2	16.6	83	5.9	222	5
14/10/24 00:15	0	2	2	2	16.6	84	5.6	219	5
14/10/24 00:20	0	2	2	2	16.4	86	5.1	221	4
14/10/24 00:25	0	2	2	2	16.3	87	3.8	225	7
14/10/24 00:30	0	2	2	2	16.2	88	1.3	219	28
14/10/24 00:35	0	2	2	2	16.2	88	1.5	94	12
14/10/24 00:40	0	2	2	2	16.3	87	1.6	132	22
14/10/24 00:45	0	2	2	2	16.2	88	1.2	163	27
14/10/24 00:50	0	2	2	2	16.1	88	1.9	108	20
14/10/24 00:55	0	2	2	2	16.2	88	1.7	91	11
14/10/24 01:00	0	2	2	2	16.1	88	1.2	104	18
14/10/24 01:05					16.1	87	1.5	204	35
14/10/24 01:10					16.1	88	2.4	211	8
14/10/24 01:15					16.1	88	2.1	222	9
14/10/24 01:20					16.0	87	2.4	224	20
14/10/24 01:25					16.1	86	2.7	208	10
14/10/24 01:30					16.1	86	2.5	200	7
14/10/24 01:35					16.1	86	1.6	196	12
14/10/24 01:40					16.1	86	1.2	193	20
14/10/24 01:45					16.1	86	1.8	197	10
14/10/24 01:50					16.1	86	1.6	168	24
14/10/24 01:55					16.0	86	2.0	135	15
14/10/24 02:00					16.0	87	1.6	172	18
14/10/24 02:05	0	1	1	2	16.0	87	1.4	187	19
14/10/24 02:10	0	1	1	2	16.0	88	1.9	206	7
14/10/24 02:15	0	1	1	2	15.8	88	2.1	218	9
14/10/24 02:20	0	1	1	1	15.8	89	2.2	220	6
14/10/24 02:25	0	1	1	2	15.7	89	1.8	200	13
14/10/24 02:30	0	1	1	2	15.7	89	1.6	167	21
14/10/24 02:35	0	1	1	2	15.7	88	1.6	172	17
14/10/24 02:40	0	1	1	1	15.6	87	1.8	196	13
14/10/24 02:45	0	2	2	1	15.5	87	1.8	192	16
14/10/24 02:50	0	2	2	1	15.5	87	1.8	187	13
14/10/24 02:55	0	2	2	1	15.5	87	1.1	167	31
14/10/24 03:00	0	2	2	1	15.6	88	2.0	103	5

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/10/24 03:05	0	2	2	2	15.5	88	2.4	104	5
14/10/24 03:10	0	2	2	2	15.5	88	1.9	106	9
14/10/24 03:15	0	2	2	2	15.5	87	1.5	115	13
14/10/24 03:20	0	2	2	2	15.5	87	1.5	132	12
14/10/24 03:25	0	2	2	2	15.4	88	2.3	135	13
14/10/24 03:30	0	3	3	2	15.4	88	1.1	142	30
14/10/24 03:35	0	3	3	2	15.4	88	1.0	162	26
14/10/24 03:40	0	3	3	2	15.5	88	1.2	168	23
14/10/24 03:45	0	3	4	2	15.5	88	1.2	165	20
14/10/24 03:50	0	4	4	2	15.6	88	1.2	155	29
14/10/24 03:55	0	5	5	2	15.5	87	1.6	162	20
14/10/24 04:00	0	5	5	2	15.5	87	1.4	157	24
14/10/24 04:05	0	5	5	1	15.5	86	1.9	142	18
14/10/24 04:10	0	5	5	1	15.5	86	2.0	124	15
14/10/24 04:15	0	5	5	1	15.4	87	1.3	122	25
14/10/24 04:20	0	5	5	1	15.4	87	1.6	130	17
14/10/24 04:25	0	4	4	1	15.4	87	1.8	137	10
14/10/24 04:30	0	4	3	1	15.4	87	1.3	137	17
14/10/24 04:35	0	3	3	1	15.4	87	1.0	127	20
14/10/24 04:40	0	3	3	1	15.3	87	1.1	129	16
14/10/24 04:45	0	3	3	2	15.4	87	0.7	158	29
14/10/24 04:50	0	3	3	2	15.4	87	0.3	109	53
14/10/24 04:55	0	3	3	2	15.4	87	0.8	221	10
14/10/24 05:00	0	3	3	1	15.4	88	1.3	222	3
14/10/24 05:05	0	3	3	1	15.3	89	1.7	221	3
14/10/24 05:10	0	3	3	1	15.4	90	1.9	217	2
14/10/24 05:15	0	3	3	1	15.3	90	1.7	225	3
14/10/24 05:20	0	3	3	1	15.3	91	1.9	227	4
14/10/24 05:25	0	3	3	1	15.2	90	2.2	230	2
14/10/24 05:30	0	3	3	1	15.2	90	2.3	234	3
14/10/24 05:35	0	3	3	1	15.2	90	2.4	226	4
14/10/24 05:40	0	3	3	1	15.2	91	2.3	222	3
14/10/24 05:45	0	3	3	1	15.2	91	2.3	214	3
14/10/24 05:50	0	3	3	1	15.3	91	2.6	211	4
14/10/24 05:55	0	3	3	1	15.1	90	2.5	208	4
14/10/24 06:00	0	3	3	1	15.1	91	2.7	209	4
14/10/24 06:05	0	3	3	2	15.2	91	3.1	204	3
14/10/24 06:10	0	3	3	1	15.2	91	2.9	206	3
14/10/24 06:15	0	3	3	1	15.1	91	3.1	206	4
14/10/24 06:20	0	3	3	1	15.2	91	3.4	209	5
14/10/24 06:25	0	3	3	1	15.2	91	2.9	210	6
14/10/24 06:30	0	3	3	1	15.1	91	2.4	208	8
14/10/24 06:35	0	2	2	1	15.1	91	2.4	203	5
14/10/24 06:40	0	2	2	1	15.2	92	2.3	209	4
14/10/24 06:45	0	2	2	1	15.1	91	2.0	203	8
14/10/24 06:50	0	2	2	1	15.1	91	1.7	197	4
14/10/24 06:55	0	2	2	1	15.1	91	1.6	223	7
14/10/24 07:00	0	1	1	1	15.2	90	1.2	232	9
14/10/24 07:05	0	1	1	1	15.3	89	1.8	224	7
14/10/24 07:10	0	2	2	1	15.4	89	1.5	217	7
14/10/24 07:15	0	2	2	1	15.5	88	1.3	227	6
14/10/24 07:20	0	3	3	1	15.6	88	1.4	225	6
14/10/24 07:25	1	3	4	1	15.5	88	1.5	224	3
14/10/24 07:30	1	4	5	1	15.4	88	1.4	217	7
14/10/24 07:35	49	30	79	1	15.5	88	1.5	208	4
14/10/24 07:40	0	3	4	2	15.6	88	1.4	207	5
14/10/24 07:45	0	3	3	2	15.6	88	1.9	215	5
14/10/24 07:50	0	2	3	1	15.7	88	2.3	211	3
14/10/24 07:55	0	2	3	2	15.6	88	2.3	213	3
14/10/24 08:00	0	2	2	2	15.5	88	2.4	202	3
14/10/24 08:05	0	2	3	2	15.7	88	3.1	199	7
14/10/24 08:10	1	3	4	2	15.7	89	4.2	195	5
14/10/24 08:15	2	3	5	2	15.6	89	4.0	199	3
14/10/24 08:20	2	6	8	2	15.5	89	4.1	199	5
14/10/24 08:25	2	3	5	2	15.6	89	3.9	203	4
14/10/24 08:30	6	3	9	2	15.6	89	3.6	204	6
14/10/24 08:35	2	3	5	2	15.7	88	3.8	204	4
14/10/24 08:40	2	4	6	1	15.7	88	3.8	202	4
14/10/24 08:45	2	4	6	1	15.7	89	3.7	199	4
14/10/24 08:50	2	4	6	2	15.8	88	4.1	196	4
14/10/24 08:55	2	4	6	2	15.8	88	4.4	198	4
14/10/24 09:00	2	4	6	2	15.8	89	4.8	199	3
14/10/24 09:05	2	4	6	2	15.7	89	4.7	198	5
14/10/24 09:10	2	3	5	2	15.7	89	5.0	195	3
14/10/24 09:15	2	4	6	2	15.8	88	4.8	193	3
14/10/24 09:20	14	1	15	1	15.9	89	4.0	195	5
14/10/24 09:25	8	10	18	1	16.1	87	3.3	188	11
14/10/24 09:30	5	0	5	1	16.6	84	3.4	185	12
14/10/24 09:35	4	1	5	1	16.8	82	3.5	191	10
14/10/24 09:40	3	2	5	2	16.8	82	3.5	184	11
14/10/24 09:45	2	3	6	2	17.0	81	3.1	190	9
14/10/24 09:50	3	4	7	2	17.0	82	3.0	186	11
14/10/24 09:55	3	4	7	2	17.0	81	3.4	190	10
14/10/24 10:00	3	5	7	2	16.8	82	3.6	192	10

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/10/24 10:05	3	4	7	2	16.7	83	4.4	196	6
14/10/24 10:10	2	4	6	2	16.3	84	4.5	194	6
14/10/24 10:15	2	4	6	2	16.3	84	4.5	194	8
14/10/24 10:20	2	4	6	2	16.3	84	5.1	194	4
14/10/24 10:25	2	4	6	2	16.1	85	4.7	195	4
14/10/24 10:30	2	6	8	2	16.0	86	5.1	196	3
14/10/24 10:35	3	7	9	2	16.0	86	5.3	194	5
14/10/24 10:40	3	6	9	2	16.0	86	5.2	194	4
14/10/24 10:45	3	5	8	2	16.1	86	5.3	197	3
14/10/24 10:50	2	1	3	2	16.0	87	5.2	195	3
14/10/24 10:55	2	2	4	2	16.2	85	4.7	194	6
14/10/24 11:00	2	2	4	2	16.5	84	5.1	195	5
14/10/24 11:05	2	4	7	2	16.5	82	5.4	195	4
14/10/24 11:10	4	11	15	2	16.3	84	5.0	201	4
14/10/24 11:15	2	3	5	2	16.2	85	5.2	201	5
14/10/24 11:20	1	3	4	2	16.3	84	5.1	197	4
14/10/24 11:25	1	3	4	2	16.2	84	5.3	199	4
14/10/24 11:30	2	3	5	2	16.3	84	4.8	194	6
14/10/24 11:35	1	3	4	1	16.6	81	4.4	193	7
14/10/24 11:40	1	2	4	1	16.7	79	5.1	194	5
14/10/24 11:45	1	2	4	2	16.8	79	5.0	196	6
14/10/24 11:50	1	2	3	2	16.7	79	5.7	196	4
14/10/24 11:55	1	2	3	2	16.7	80	5.7	196	3
14/10/24 12:00	1	2	3	2	16.5	81	6.1	198	4
14/10/24 12:05	1	2	3	2	16.5	82	6.2	198	4
14/10/24 12:10	1	2	3	2	16.4	82	6.6	198	3
14/10/24 12:15	1	2	3	1	16.6	83	6.1	196	4
14/10/24 12:20	1	2	3	1	16.6	82	6.3	195	4
14/10/24 12:25	1	2	3	1	16.6	81	6.4	197	3
14/10/24 12:30	1	3	4	2	16.6	81	6.4	197	3
14/10/24 12:35	1	2	3	2	16.6	83	6.3	201	3
14/10/24 12:40	1	1	2	2	16.4	84	6.6	203	3
14/10/24 12:45	1	0	2	1	16.4	84	7.2	202	3
14/10/24 12:50	1	0	1	1	16.3	86	7.7	201	3
14/10/24 12:55	2	3	4	1	16.1	87	7.5	202	3
14/10/24 13:00	1	2	2	1	16.2	87	7.4	202	3
14/10/24 13:05	1	1	2	1	16.2	87	7.5	203	3
14/10/24 13:10	0	1	2	1	16.2	87	7.4	204	4
14/10/24 13:15	0	1	2	1	16.2	86	7.5	205	3
14/10/24 13:20	0	1	2	2	16.3	84	7.5	204	3
14/10/24 13:25	0	1	1	1	16.5	86	7.7	204	3
14/10/24 13:30	0	1	1	1	16.4	86	7.9	206	3
14/10/24 13:35	0	2	2	1	16.4	86	7.7	205	4
14/10/24 13:40	0	1	2	2	16.5	87	7.8	205	4
14/10/24 13:45	0	1	2	1	16.4	87	7.9	204	3
14/10/24 13:50	0	1	2	1	16.3	87	7.5	204	3
14/10/24 13:55	0	1	2	1	16.4	87	8.2	205	4
14/10/24 14:00	0	1	1	1	16.3	88	8.7	206	4
14/10/24 14:05	0	1	1	1	16.3	88	9.1	205	3
14/10/24 14:10	0	1	1	1	16.3	88	8.7	205	4
14/10/24 14:15	0	1	1	1	16.3	88	8.7	204	4
14/10/24 14:20	0	1	1	1	16.2	88	9.1	204	4
14/10/24 14:25	0	1	1	1	16.2	88	9.1	206	4
14/10/24 14:30	0	1	1	1	16.2	88	9.3	206	4
14/10/24 14:35	0	1	1	1	16.3	87	8.1	207	4
14/10/24 14:40	0	1	1	1	16.5	86	8.2	211	3
14/10/24 14:45	0	1	2	1	16.6	85	8.1	209	4
14/10/24 14:50	0	1	1	1	16.7	84	8.3	209	3
14/10/24 14:55	0	1	1	1	16.8	84	8.2	208	4
14/10/24 15:00	0	5	5	2	16.8	84	7.8	207	4
14/10/24 15:05	1	1	1	2	16.8	85	8.3	207	3
14/10/24 15:10	1	0	1	1	16.9	84	7.7	206	4
14/10/24 15:15	0	0	1	2	17.0	85	7.5	206	3
14/10/24 15:20	0	0	1	2	16.9	86	7.0	205	4
14/10/24 15:25	0	0	1	2	16.8	85	6.8	205	3
14/10/24 15:30	0	1	1	2	16.9	85	6.7	201	3
14/10/24 15:35	1	1	2	2	17.3	83	7.3	197	4
14/10/24 15:40	3	7	10	2	17.6	80	6.9	195	5
14/10/24 15:45	0	1	1	2	17.7	79	7.2	195	5
14/10/24 15:50	0	1	1	1	17.7	79	7.1	194	6
14/10/24 15:55	0	1	1	2	17.7	80	6.6	194	6
14/10/24 16:00	0	2	2	1	17.6	80	6.3	194	5
14/10/24 16:05	1	3	3	1	17.9	79	5.7	193	7
14/10/24 16:10	1	4	5	1	18.1	78	5.7	192	7
14/10/24 16:15	2	8	10	2	18.2	78	5.7	191	7
14/10/24 16:20	2	6	8	1	18.1	77	5.8	191	9
14/10/24 16:25	2	5	6	1	18.0	77	6.1	191	7
14/10/24 16:30	1	3	4	1	18.0	77	5.1	190	9
14/10/24 16:35	1	3	4	1	18.0	77	5.4	190	7
14/10/24 16:40	1	3	4	1	18.0	77	5.8	190	9
14/10/24 16:45	1	2	3	1	18.0	77	5.9	193	7
14/10/24 16:50	1	2	3	2	17.7	79	6.8	195	4
14/10/24 16:55	0	2	2	2	17.6	79	6.8	195	5
14/10/24 17:00	0	1	2	1	17.5	80	7.0	197	4

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/10/24 17:05	1	17	18	1	17.4	81	7.3	196	4
14/10/24 17:10	4	12	17	1	17.3	81	7.1	197	4
14/10/24 17:15	3	6	9	1	17.3	82	7.0	200	4
14/10/24 17:20	1	4	5	1	17.2	84	6.9	201	4
14/10/24 17:25	1	1	2	1	17.1	84	7.2	202	4
14/10/24 17:30	0	1	1	1	17.1	85	6.6	201	4
14/10/24 17:35	0	1	1	2	17.1	85	6.0	199	4
14/10/24 17:40	0	1	1	2	17.3	84	5.8	197	3
14/10/24 17:45	0	2	2	2	17.3	84	5.4	195	6
14/10/24 17:50	0	3	3	2	17.8	81	3.6	181	23
14/10/24 17:55	0	3	4	2	18.9	70	5.1	121	16
14/10/24 18:00	0	4	4	2	19.9	66	5.8	126	16
14/10/24 18:05	0	4	4	2	19.8	65	5.1	116	14
14/10/24 18:10	0	4	4	2	19.8	65	4.8	116	17
14/10/24 18:15	0	4	4	2	19.5	66	5.4	121	14
14/10/24 18:20	0	4	4	2	19.4	66	6.9	113	14
14/10/24 18:25	0	4	4	2	19.4	68	8.4	107	5
14/10/24 18:30	0	4	4	2	19.1	69	6.0	109	9
14/10/24 18:35	0	4	4	2	18.9	68	7.5	110	9
14/10/24 18:40	0	4	4	2	18.8	69	8.9	104	7
14/10/24 18:45	0	3	4	2	18.7	68	9.7	101	4
14/10/24 18:50	0	3	3	2	18.5	70	6.5	108	8
14/10/24 18:55	0	3	3	2	18.3	71	7.6	105	8
14/10/24 19:00	0	3	3	2	18.1	72	7.7	107	8
14/10/24 19:05	0	3	3	2	18.0	71	8.1	106	5
14/10/24 19:10	0	3	3	2	17.9	72	9.0	105	5
14/10/24 19:15	0	3	3	2	17.8	72	6.3	104	9
14/10/24 19:20	0	3	3	2	17.7	72	8.9	106	5
14/10/24 19:25	0	3	3	2	17.6	73	9.1	104	5
14/10/24 19:30	0	3	3	2	17.4	73	7.6	105	5
14/10/24 19:35	0	3	3	2	17.4	74	7.9	107	6
14/10/24 19:40	0	3	2	2	17.2	73	5.9	106	9
14/10/24 19:45	0	3	2	2	17.2	74	5.9	102	7
14/10/24 19:50	0	3	3	2	17.1	74	6.1	103	9
14/10/24 19:55	0	2	2	2	16.9	73	5.7	97	9
14/10/24 20:00	0	2	2	2	16.9	74	5.7	96	9
14/10/24 20:05	0	2	2	2	16.8	74	5.6	104	9
14/10/24 20:10	0	2	2	2	16.7	74	5.8	101	7
14/10/24 20:15	0	2	2	2	16.7	74	5.7	97	9
14/10/24 20:20	0	2	2	2	16.7	75	5.7	99	9
14/10/24 20:25	0	2	2	2	16.7	74	5.4	98	8
14/10/24 20:30	0	2	2	2	16.6	74	5.5	99	10
14/10/24 20:35	0	2	2	2	16.6	75	6.0	102	6
14/10/24 20:40	0	2	2	2	16.6	74	5.9	100	7
14/10/24 20:45	0	2	2	2	16.6	74	4.9	101	9
14/10/24 20:50	0	2	2	2	16.4	74	5.7	96	7
14/10/24 20:55	0	2	2	2	16.4	74	5.1	98	7
14/10/24 21:00	0	2	2	2	16.4	74	6.1	101	8
14/10/24 21:05	0	2	2	2	16.3	74	5.5	97	8
14/10/24 21:10	0	2	2	2	16.3	74	5.0	100	7
14/10/24 21:15	0	2	2	2	16.3	75	5.1	99	7
14/10/24 21:20	0	2	2	2	16.2	75	4.8	104	9
14/10/24 21:25	0	2	2	2	16.3	75	4.8	102	6
14/10/24 21:30	0	2	2	2	16.2	75	5.0	104	6
14/10/24 21:35	0	2	2	2	16.1	76	5.0	103	7
14/10/24 21:40	0	2	2	2	16.1	75	4.7	95	9
14/10/24 21:45	0	2	2	2	16.0	76	4.6	103	10
14/10/24 21:50	0	2	2	1	16.0	76	4.2	103	9
14/10/24 21:55	0	2	2	1	16.0	76	4.8	102	8
14/10/24 22:00	0	2	2	1	15.9	75	5.6	105	7
14/10/24 22:05	0	2	2	1	16.0	76	4.8	100	8
14/10/24 22:10	0	2	2	1	15.9	75	5.2	107	11
14/10/24 22:15	0	2	2	1	15.9	76	4.7	107	6
14/10/24 22:20	0	2	2	1	16.0	76	4.2	105	7
14/10/24 22:25	0	2	2	1	15.9	77	4.4	108	8
14/10/24 22:30	0	2	2	1	15.8	77	4.1	110	11
14/10/24 22:35	0	2	2	1	15.8	77	4.6	105	9
14/10/24 22:40	0	2	2	1	15.7	77	4.1	102	10
14/10/24 22:45	0	2	2	1	15.7	77	3.9	107	9
14/10/24 22:50	0	2	2	1	15.7	76	3.2	102	10
14/10/24 22:55	0	2	2	1	15.7	76	4.5	104	8
14/10/24 23:00	0	2	2	1	15.7	76	4.0	106	8
14/10/24 23:05	0	2	2	1	15.6	76	4.7	107	7
14/10/24 23:10	0	1	2	1	15.7	76	4.8	104	6
14/10/24 23:15	0	1	2	1	15.7	76	5.0	102	7
14/10/24 23:20	0	1	2	1	15.6	76	4.2	99	7
14/10/24 23:25	0	1	2	1	15.6	76	3.6	95	7
14/10/24 23:30	0	1	2	1	15.5	76	3.9	97	7
14/10/24 23:35	0	1	2	1	15.6	76	3.4	99	9
14/10/24 23:40	0	1	2	1	15.5	75	3.0	95	10
14/10/24 23:45	0	1	2	1	15.5	76	3.2	97	6
14/10/24 23:50	0	1	2		15.5	76	3.4	99	7
14/10/24 23:55	0	1	2		15.5	76	2.7	96	8
15/10/24 00:00	0	2	2	1	15.4	75	2.6	100	10

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/10/24 00:05	0	2	2	1	15.4	75	2.0	96	14
15/10/24 00:10	0	2	2	2	15.4	76	1.7	103	12
15/10/24 00:15	0	2	2	2	15.4	76	2.2	99	11
15/10/24 00:20	0	2	2	2	15.4	76	2.5	106	7
15/10/24 00:25	0	2	2	2	15.4	76	2.2	102	8
15/10/24 00:30	0	2	2	2	15.4	76	2.1	97	11
15/10/24 00:35	0	2	2	2	15.2	75	2.3	99	7
15/10/24 00:40	0	2	2	2	15.2	76	2.1	101	8
15/10/24 00:45	0	2	2	2	15.2	76	2.1	100	7
15/10/24 00:50	0	2	2	2	15.2	76	1.8	101	8
15/10/24 00:55	0	2	2	2	15.1	77	1.3	99	13
15/10/24 01:00	0	2	2	2	15.0	76	0.7	74	24
15/10/24 01:05					14.9	76	1.0	85	14
15/10/24 01:10					14.8	76	0.7	50	18
15/10/24 01:15					14.7	76	0.5	28	19
15/10/24 01:20					14.6	77	0.5	18	21
15/10/24 01:25					14.5	77	0.8	81	23
15/10/24 01:30					14.5	77	0.6	67	20
15/10/24 01:35					14.5	77	0.7	92	14
15/10/24 01:40					14.6	77	1.1	99	5
15/10/24 01:45					14.6	77	1.2	101	8
15/10/24 01:50					14.7	78	1.2	97	13
15/10/24 01:55					14.6	77	0.9	75	10
15/10/24 02:00					14.5	77	0.9	96	6
15/10/24 02:05	0	4	4	2	14.5	77	1.1	94	12
15/10/24 02:10	0	4	4	2	14.5	78	1.1	102	11
15/10/24 02:15	0	4	4	2	14.5	77	0.9	98	12
15/10/24 02:20	0	4	4	2	14.4	77	0.8	95	8
15/10/24 02:25	0	4	4	2	14.3	78	1.1	98	5
15/10/24 02:30	0	4	4	2	14.3	78	1.1	91	9
15/10/24 02:35	0	4	4	2	14.2	78	1.1	82	9
15/10/24 02:40	0	4	4	2	14.3	78	0.9	78	11
15/10/24 02:45	0	5	4	2	14.2	78	1.0	100	7
15/10/24 02:50	0	5	5	2	14.2	78	0.8	43	46
15/10/24 02:55	1	8	8	2	13.9	80	1.6	355	11
15/10/24 03:00	21	25	46	2	13.8	81	2.0	356	6
15/10/24 03:05	31	22	53	2	13.5	82	1.8	2	6
15/10/24 03:10	41	22	63	2	13.3	83	1.8	351	7
15/10/24 03:15	45	23	68	2	13.2	84	1.9	347	12
15/10/24 03:20	45	22	67	2	13.2	84	1.5	347	15
15/10/24 03:25	45	22	67	2	13.1	85	1.3	347	17
15/10/24 03:30	41	22	62	2	13.0	85	1.8	348	10
15/10/24 03:35	33	22	56	2	13.0	85	1.6	353	12
15/10/24 03:40	32	21	53	2	12.9	85	2.0	357	10
15/10/24 03:45	33	21	54	2	12.8	85	1.3	6	12
15/10/24 03:50	34	21	56	2	12.6	86	1.8	357	8
15/10/24 03:55	34	21	55	2	12.5	86	1.5	351	15
15/10/24 04:00	33	21	54	2	12.6	86	1.4	356	11
15/10/24 04:05	33	21	53	2	12.5	86	1.8	358	9
15/10/24 04:10	32	20	52	2	12.6	87	1.5	345	14
15/10/24 04:15	30	20	50	3	12.5	87	1.7	356	9
15/10/24 04:20	27	20	47	2	12.5	87	1.6	358	11
15/10/24 04:25	25	20	45	2	12.5	87	1.0	357	13
15/10/24 04:30	33	20	53	2	12.5	87	0.7	355	16
15/10/24 04:35	35	21	56	2	12.5	87	0.2	14	52
15/10/24 04:40	33	21	54	2	12.5	87	0.4	347	25
15/10/24 04:45	34	22	55	2	12.4	87	0.4	349	17
15/10/24 04:50	36	21	57	2	12.5	87	0.5	330	23
15/10/24 04:55	57	22	80	2	12.5	88	0.5	311	13
15/10/24 05:00	65	22	87	2	12.6	88	0.5	316	25
15/10/24 05:05	63	22	85	2	12.5	87	0.2	348	27
15/10/24 05:10	61	22	83	3	12.4	88	0.7	330	12
15/10/24 05:15	65	26	92	2	12.4	88	0.9	334	12
15/10/24 05:20	68	24	92	2	12.5	88	1.0	332	16
15/10/24 05:25	84	21	105	3	12.5	88	0.9	341	15
15/10/24 05:30	89	24	112	3	12.5	88	1.2	347	11
15/10/24 05:35	75	21	97	3	12.5	87	1.6	354	7
15/10/24 05:40	73	24	97	3	12.4	88	1.2	350	12
15/10/24 05:45	77	24	100	3	12.4	88	1.0	350	13
15/10/24 05:50	73	22	95	3	12.3	88	1.4	354	9
15/10/24 05:55	52	21	73	3	12.3	88	1.2	351	11
15/10/24 06:00	54	22	76	3	12.3	88	0.8	10	24
15/10/24 06:05	56	22	79	3	12.5	88	0.5	35	19
15/10/24 06:10	60	23	83	3	12.7	87	0.4	43	15
15/10/24 06:15	67	24	91	3	12.9	86	0.5	12	20
15/10/24 06:20	70	25	94	3	12.9	85	0.7	338	15
15/10/24 06:25	68	25	94	3	13.1	85	0.5	319	24
15/10/24 06:30	67	25	92	3	13.4	84	0.2	0	46
15/10/24 06:35	65	25	89	3	13.6	82	0.6	312	24
15/10/24 06:40	52	28	79	3	13.6	82	0.5	285	27
15/10/24 06:45	48	20	68	3	13.6	81	0.4	293	28
15/10/24 06:50	59	22	81	3	14.0	81	0.1	124	63
15/10/24 06:55	54	22	76	3	14.5	79	0.9	104	15
15/10/24 07:00	41	22	64	3	14.8	76	0.7	118	26

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/10/24 07:05	30	22	52	3	14.9	76	0.5	146	29
15/10/24 07:10	25	19	44	3	15.0	76	0.5	171	30
15/10/24 07:15	23	19	42	3	15.1	76	0.4	182	45
15/10/24 07:20	21	18	39	3	15.0	76	0.8	50	43
15/10/24 07:25	18	17	34	3	15.1	76	0.5	92	55
15/10/24 07:30	18	16	34	3	14.8	78	1.1	300	23
15/10/24 07:35	18	17	36	3	14.5	80	1.3	271	17
15/10/24 07:40	21	19	40	3	14.5	81	1.3	256	10
15/10/24 07:45	21	18	40	3	14.4	80	0.5	242	31
15/10/24 07:50	20	18	39	3	14.7	79	0.9	230	12
15/10/24 07:55	20	18	38	3	14.9	78	1.2	243	12
15/10/24 08:00	20	17	38	3	15.1	77	1.7	241	8
15/10/24 08:05	21	17	38	3	14.8	79	1.8	235	8
15/10/24 08:10	21	17	38	3	14.8	80	1.6	231	5
15/10/24 08:15	21	17	38	3	14.7	80	1.9	226	5
15/10/24 08:20	21	17	38	3	14.6	80	1.9	222	4
15/10/24 08:25	22	17	38	3	14.7	79	1.9	225	4
15/10/24 08:30	22	17	39	3	14.8	79	2.0	222	4
15/10/24 08:35	22	17	39	3	14.9	78	1.9	220	4
15/10/24 08:40	22	17	39	3	15.2	77	1.9	221	4
15/10/24 08:45	22	17	39	3	15.4	77	2.2	219	4
15/10/24 08:50	22	17	39	3	15.5	77	1.9	204	5
15/10/24 08:55	24	17	42	3	15.9	75	1.2	194	18
15/10/24 09:00	27	17	45	3	16.7	72	0.9	144	26
15/10/24 09:05	25	19	44	3	17.6	68	0.7	135	27
15/10/24 09:10	25	19	44	3	18.2	65	0.9	143	30
15/10/24 09:15	24	19	43	3	18.5	63	1.0	146	31
15/10/24 09:20	24	19	42	3	18.7	62	0.9	148	28
15/10/24 09:25	23	18	42	3	19.1	61	1.2	142	22
15/10/24 09:30	22	18	40	3	18.9	60	1.2	144	20
15/10/24 09:35	21	15	36	3	19.0	61	0.9	181	27
15/10/24 09:40	20	14	34	3	18.1	64	2.3	199	5
15/10/24 09:45	20	16	36	3	17.3	68	1.7	208	6
15/10/24 09:50	20	17	38	3	17.2	71	1.1	203	17
15/10/24 09:55	21	19	41	3	17.4	71	1.9	192	6
15/10/24 10:00	22	19	41	3	17.2	71	2.1	198	4
15/10/24 10:05	19	17	37	3	17.2	73	1.1	190	26
15/10/24 10:10	18	19	37	3	17.5	72	1.8	190	11
15/10/24 10:15	27	22	49	3	18.1	70	0.9	162	30
15/10/24 10:20	19	18	37	3	18.4	70	2.2	193	15
15/10/24 10:25	15	15	31	3	17.8	72	2.7	200	4
15/10/24 10:30	10	12	22	3	17.4	74	2.5	200	5
15/10/24 10:35	11	14	25	3	17.5	75	2.3	192	7
15/10/24 10:40	18	17	35	3	18.0	74	1.0	175	31
15/10/24 10:45	13	12	25	3	18.6	69	1.2	157	21
15/10/24 10:50	11	12	23	3	19.3	66	1.2	171	22
15/10/24 10:55	10	13	23	2	19.4	68	1.2	187	28
15/10/24 11:00	9	11	20	2	19.3	67	0.9	130	58
15/10/24 11:05	6	7	13	2	21.0	56	2.6	59	26
15/10/24 11:10	3	5	8	2	22.5	49	3.0	71	20
15/10/24 11:15	2	4	6	2	23.1	47	3.9	83	13
15/10/24 11:20	2	4	6	2	23.4	46	4.4	81	15
15/10/24 11:25	2	4	6	2	23.5	46	3.8	58	19
15/10/24 11:30	2	4	5	2	23.9	45	3.3	84	11
15/10/24 11:35	1	3	5	2	23.9	45	4.1	89	10
15/10/24 11:40	1	4	5	2	24.0	45	2.5	85	24
15/10/24 11:45	1	4	5	2	24.1	44	1.9	64	28
15/10/24 11:50	1	4	5	2	24.3	44	3.4	92	15
15/10/24 11:55	1	4	5	2	24.6	44	4.0	93	10
15/10/24 12:00	1	4	5	2	24.6	44	2.8	86	20
15/10/24 12:05	1	4	5	2	24.7	44	1.7	70	25
15/10/24 12:10	1	4	5	2	25.0	43	2.3	55	23
15/10/24 12:15	1	4	5	2	25.2	42	2.5	63	16
15/10/24 12:20	1	4	4	2	25.3	43	3.8	79	18
15/10/24 12:25	1	3	4	2	25.5	42	3.1	76	17
15/10/24 12:30	1	3	4	2	25.6	42	3.2	72	20
15/10/24 12:35	1	3	4	2	25.7	42	3.3	71	13
15/10/24 12:40	1	3	4	2	25.7	41	3.0	92	20
15/10/24 12:45	1	4	5	2	26.1	41	2.3	59	20
15/10/24 12:50	14	17	31	2	25.7	43	1.4	148	32
15/10/24 12:55	4	6	10	2	25.1	46	0.9	43	44
15/10/24 13:00	1	3	5	2	24.8	47	1.3	137	30
15/10/24 13:05	2	6	7	2	25.2	45	0.4	187	83
15/10/24 13:10	2	5	7	2	25.9	41	2.3	30	30
15/10/24 13:15	2	5	6	2	26.5	39	3.0	63	31
15/10/24 13:20	2	4	5	2	26.7	38	3.5	55	21
15/10/24 13:25	1	3	4	2	26.5	38	4.5	92	15
15/10/24 13:30	1	2	3	2	26.6	38	2.8	58	30
15/10/24 13:35	1	2	3	2	26.3	39	1.3	64	49
15/10/24 13:40	1	3	3	2	26.5	37	3.3	61	14
15/10/24 13:45	1	3	3	2	26.5	38	2.0	33	31
15/10/24 13:50	1	3	3	2	27.0	37	3.3	86	19
15/10/24 13:55	1	3	3	2	27.1	37	3.5	82	19
15/10/24 14:00	0	3	3	2	26.7	38	2.8	102	18

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/10/24 14:05	0	3	3	2	26.9	38	4.4	90	10
15/10/24 14:10	0	3	3	2	27.2	37	3.2	79	26
15/10/24 14:15	1	3	3	2	27.4	37	3.1	76	24
15/10/24 14:20	1	3	3	2	27.2	37	3.7	81	16
15/10/24 14:25	1	3	3	2	27.1	37	2.1	52	22
15/10/24 14:30	1	3	3	2	27.5	36	1.6	79	37
15/10/24 14:35	1	3	3	2	27.7	35	3.4	61	19
15/10/24 14:40	1	3	3	2	27.6	35	1.8	94	18
15/10/24 14:45	0	3	3	2	27.3	36	0.6	62	64
15/10/24 14:50	0	3	3	2	27.5	36	1.3	141	31
15/10/24 14:55	1	3	4	2	27.3	41	2.5	170	18
15/10/24 15:00	1	3	4	2	27.0	41	2.2	107	33
15/10/24 15:05	1	3	4	2	27.5	37	4.4	98	20
15/10/24 15:10	1	3	4	2	26.5	43	4.6	122	20
15/10/24 15:15	1	3	4	2	25.6	47	3.8	117	16
15/10/24 15:20	1	3	4	2	24.8	51	4.3	111	12
15/10/24 15:25	1	4	4	2	24.7	52	5.9	109	6
15/10/24 15:30	1	4	4	2	24.5	52	3.5	117	17
15/10/24 15:35	1	4	5	2	24.6	51	6.9	105	5
15/10/24 15:40	1	4	5	2	24.9	49	7.0	106	4
15/10/24 15:45	1	4	5	2	24.7	51	4.9	109	8
15/10/24 15:50	1	4	6	2	24.2	52	4.0	111	13
15/10/24 15:55	1	4	5	2	24.1	53	3.5	114	16
15/10/24 16:00	1	4	5	2	23.6	55	3.3	112	16
15/10/24 16:05	1	4	5	2	23.5	55	5.8	108	6
15/10/24 16:10	1	4	5	2	23.5	54	6.4	109	5
15/10/24 16:15	1	4	5	2	23.3	55	6.4	110	7
15/10/24 16:20	2	4	6	2	23.4	54	6.9	103	4
15/10/24 16:25	1	5	6	2	23.3	55	6.7	107	5
15/10/24 16:30	1	4	5	2	23.9	52	5.7	99	8
15/10/24 16:35	1	5	5	2	23.5	54	5.9	107	8
15/10/24 16:40	1	5	6	2	23.2	55	5.8	111	10
15/10/24 16:45	1	5	6	2	23.1	55	5.8	111	8
15/10/24 16:50	1	5	6	2	22.8	56	6.7	107	4
15/10/24 16:55	2	4	6	2	22.6	56	6.6	107	6
15/10/24 17:00	2	5	6	2	22.6	56	6.1	105	5
15/10/24 17:05	1	5	6	2	22.5	58	5.8	107	5
15/10/24 17:10	1	5	6	2	22.3	58	6.2	106	5
15/10/24 17:15	1	5	6	2	22.5	56	6.0	108	5
15/10/24 17:20	1	5	6	2	22.4	58	5.3	110	6
15/10/24 17:25	1	5	6	2	22.1	59	5.5	107	7
15/10/24 17:30	1	5	6	2	21.9	60	5.6	110	7
15/10/24 17:35	1	5	6	2	21.6	61	6.1	108	5
15/10/24 17:40	1	5	6	2	21.7	60	5.5	109	6
15/10/24 17:45	1	5	6	2	21.7	59	5.7	105	5
15/10/24 17:50	1	6	6	2	21.8	59	4.9	108	8
15/10/24 17:55	1	6	6	2	21.6	61	3.8	113	11
15/10/24 18:00	0	6	6	2	21.4	60	3.8	109	11
15/10/24 18:05	0	6	6	2	21.5	59	3.8	104	9
15/10/24 18:10	0	6	6	2	21.6	58	4.0	103	6
15/10/24 18:15	0	6	6	2	21.7	58	4.0	107	5
15/10/24 18:20	0	6	6	2	21.6	59	4.6	103	5
15/10/24 18:25	0	6	6	3	21.5	58	3.9	103	5
15/10/24 18:30	0	6	6	2	21.3	58	4.6	103	6
15/10/24 18:35	0	6	6	2	21.2	58	4.4	101	6
15/10/24 18:40	0	6	6	2	21.3	57	4.5	97	7
15/10/24 18:45	0	6	6	2	21.4	56	3.3	95	9
15/10/24 18:50	0	6	6	2	21.3	58	3.5	101	9
15/10/24 18:55	0	6	6	2	21.0	60	4.3	105	6
15/10/24 19:00	0	6	6	2	20.7	60	4.6	105	3
15/10/24 19:05	0	6	6	3	20.5	60	4.9	103	5
15/10/24 19:10	0	6	6	3	20.5	60	3.9	103	6
15/10/24 19:15	0	6	6	2	20.5	59	3.5	105	8
15/10/24 19:20	0	6	6	3	20.3	60	4.6	104	4
15/10/24 19:25	0	6	6	2	20.2	60	3.7	103	5
15/10/24 19:30	0	6	6	2	20.3	61	3.6	104	5
15/10/24 19:35	0	6	7	2	20.0	61	3.8	104	6
15/10/24 19:40	0	7	7	2	20.1	61	3.6	105	6
15/10/24 19:45	0	7	7	3	20.0	62	3.6	104	4
15/10/24 19:50	0	7	7	3	20.0	62	3.3	98	7
15/10/24 19:55	0	7	8	2	19.9	62	3.3	100	8
15/10/24 20:00	0	8	8	2	19.9	61	3.0	103	7
15/10/24 20:05	0	8	8	2	19.9	61	2.8	103	8
15/10/24 20:10	0	8	8	2	19.9	61	2.8	99	9
15/10/24 20:15	0	8	9	2	19.9	60	2.2	93	13
15/10/24 20:20	0	8	9	2	20.0	60	2.7	103	8
15/10/24 20:25	0	9	9	2	19.9	62	2.8	102	6
15/10/24 20:30	0	9	9	2	19.8	62	2.2	103	7
15/10/24 20:35	0	8	9	2	19.7	62	2.1	96	11
15/10/24 20:40	0	8	9	2	19.8	60	2.7	88	8
15/10/24 20:45	0	9	9	2	19.8	59	2.0	84	9
15/10/24 20:50	0	9	9	2	19.9	60	1.9	88	12
15/10/24 20:55	0	9	9	2	19.9	60	1.9	88	13
15/10/24 21:00	0	9	9	2	19.8	60	0.7	313	52

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/10/24 21:05	0	9	9	2	19.9	60	0.3	75	58
15/10/24 21:10	0	10	10	2	19.8	61	0.7	240	19
15/10/24 21:15	0	10	10	2	19.7	68	1.1	239	20
15/10/24 21:20	0	10	10	2	19.3	71	0.9	247	19
15/10/24 21:25	0	9	9	2	19.0	71	0.4	209	60
15/10/24 21:30	0	9	9	2	18.9	70	0.6	238	47
15/10/24 21:35	0	9	9	2	19.0	73	0.6	250	58
15/10/24 21:40	0	9	9	2	18.8	72	0.3	193	79
15/10/24 21:45	0	9	9	2	18.8	74	0.7	259	24
15/10/24 21:50	0	8	8	2	18.7	75	1.2	231	11
15/10/24 21:55	0	8	8	2	18.4	76	1.0	180	22
15/10/24 22:00	0	7	7	2	18.2	74	1.0	239	13
15/10/24 22:05	0	7	8	2	18.2	75	0.8	216	14
15/10/24 22:10	0	7	8	3	18.1	75	0.7	192	44
15/10/24 22:15	0	7	7	3	18.1	74	0.3	175	49
15/10/24 22:20	0	7	7	2	18.1	73	0.6	77	21
15/10/24 22:25	0	7	6	2	18.1	73	0.9	298	29
15/10/24 22:30	0	7	7	2	18.3	72	1.4	297	12
15/10/24 22:35	0	8	8	2	18.3	71	1.6	273	10
15/10/24 22:40	1	17	18	2	18.5	69	2.0	274	11
15/10/24 22:45	2	26	28	3	18.6	68	2.4	268	8
15/10/24 22:50	3	25	29	2	18.7	66	1.9	283	14
15/10/24 22:55	2	24	26	2	18.6	66	0.6	294	19
15/10/24 23:00	2	22	24	2	18.6	66	0.6	341	20
15/10/24 23:05	2	22	24	2	18.7	66	1.3	301	23
15/10/24 23:10	3	22	25	2	18.7	67	1.7	291	18
15/10/24 23:15	13	16	29	2	18.6	68	2.0	297	16
15/10/24 23:20	13	17	30	3	18.4	68	2.5	296	16
15/10/24 23:25	7	20	27	3	18.3	69	1.8	281	19
15/10/24 23:30	2	14	16	2	18.0	69	2.9	273	12
15/10/24 23:35	1	12	13	2	17.8	70	2.3	276	10
15/10/24 23:40	0	12	13	3	17.7	72	1.7	277	12
15/10/24 23:45	0	12	12	3	17.7	72	1.6	281	15
15/10/24 23:50	0	11	11		17.6	72	1.4	285	17
15/10/24 23:55	0	11	11		17.6	72	1.2	277	14
16/10/24 00:00	0	10	11	3	17.6	73	1.2	273	18
16/10/24 00:05	0	10	10	2	17.5	73	1.3	271	16
16/10/24 00:10	0	10	11	2	17.5	73	1.9	267	10
16/10/24 00:15	0	11	11	2	17.5	73	1.4	278	13
16/10/24 00:20	0	11	12	2	17.4	72	1.4	289	14
16/10/24 00:25	0	11	12	2	17.5	72	1.5	270	13
16/10/24 00:30	0	11	11	2	17.4	72	1.5	273	8
16/10/24 00:35	0	11	11	2	17.4	73	1.0	275	15
16/10/24 00:40	0	11	11	1	17.3	73	0.7	278	14
16/10/24 00:45	0	11	12	1	17.3	73	1.2	269	10
16/10/24 00:50	0	12	13	1	17.3	74	0.3	278	29
16/10/24 00:55	0	13	13	1	17.3	74	0.5	254	20
16/10/24 01:00	0	14	14	1	17.3	74	0.7	252	14
16/10/24 01:05					17.2	74	1.0	230	6
16/10/24 01:10					17.2	75	0.7	234	8
16/10/24 01:15					17.0	75	0.1	141	75
16/10/24 01:20					17.0	78	0.8	85	10
16/10/24 01:25					17.1	79	1.4	96	6
16/10/24 01:30					17.1	80	1.5	95	5
16/10/24 01:35					17.2	80	1.6	96	6
16/10/24 01:40					17.1	81	1.4	93	7
16/10/24 01:45					17.1	81	1.6	93	7
16/10/24 01:50					17.1	82	1.4	86	9
16/10/24 01:55					17.0	83	1.2	77	8
16/10/24 02:00					17.0	84	1.4	53	9
16/10/24 02:05	0	15	15	1	17.0	85	1.4	49	9
16/10/24 02:10	0	15	15	1	16.9	86	0.9	36	15
16/10/24 02:15	0	15	15	1	17.0	86	0.6	20	32
16/10/24 02:20	0	15	15	1	17.2	86	0.9	11	24
16/10/24 02:25	0	15	15	1	17.4	84	1.1	3	21
16/10/24 02:30	0	14	14	1	18.0	80	1.6	353	28
16/10/24 02:35	0	12	13	1	18.7	75	1.3	337	32
16/10/24 02:40	0	10	10	1	19.1	73	1.1	329	34
16/10/24 02:45	0	10	10	1	19.1	73	1.0	342	34
16/10/24 02:50	0	12	12	1	19.1	73	1.2	323	31
16/10/24 02:55	0	16	17	1	19.2	73	1.6	318	37
16/10/24 03:00	1	17	18	1	19.3	72	2.3	337	29
16/10/24 03:05	1	13	14	1	19.4	70	1.2	4	40
16/10/24 03:10	0	12	13	1	19.4	71	2.1	0	19
16/10/24 03:15	0	12	13	1	19.5	71	1.5	0	22
16/10/24 03:20	0	12	12	1	19.4	72	1.2	360	17
16/10/24 03:25	0	11	12	1	19.4	71	1.4	328	30
16/10/24 03:30	0	11	11	2	19.3	71	2.1	341	33
16/10/24 03:35	0	10	11	2	19.1	72	2.6	5	23
16/10/24 03:40	0	10	10	2	18.7	74	3.0	5	17
16/10/24 03:45	0	9	9	2	18.5	74	2.7	8	20
16/10/24 03:50	0	8	8	2	18.4	75	2.3	13	19
16/10/24 03:55	0	7	7	1	18.3	76	2.6	23	17
16/10/24 04:00	0	7	7	1	18.1	76	2.5	18	14

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/10/24 04:05	0	6	7	1	18.2	75	2.6	20	18
16/10/24 04:10	0	6	6	1	18.2	75	2.0	14	23
16/10/24 04:15	1	6	7	1	18.1	74	2.4	12	25
16/10/24 04:20	1	6	7	1	18.0	75	1.6	16	29
16/10/24 04:25	1	6	6	1	18.0	75	2.3	20	21
16/10/24 04:30	1	6	6	1	18.1	74	2.6	27	20
16/10/24 04:35	0	6	6	1	18.0	73	2.4	24	20
16/10/24 04:40	0	6	6	1	18.2	73	2.7	14	19
16/10/24 04:45	0	6	6	1	18.3	72	2.6	20	17
16/10/24 04:50	0	6	6	1	18.3	72	2.4	20	14
16/10/24 04:55	0	6	7	1	18.3	72	2.8	25	16
16/10/24 05:00	0	7	7	1	18.3	72	1.9	11	19
16/10/24 05:05	0	7	7	1	18.3	72	1.9	14	17
16/10/24 05:10	0	8	8	1	18.3	73	1.5	17	22
16/10/24 05:15	1	9	10	1	18.4	73	0.9	16	28
16/10/24 05:20	1	11	12	1	18.3	73	1.1	13	23
16/10/24 05:25	1	15	16	1	18.3	72	1.2	29	24
16/10/24 05:30	1	15	16	1	18.3	72	1.7	29	23
16/10/24 05:35	1	14	15	1	18.4	71	1.6	31	20
16/10/24 05:40	1	13	14	1	18.5	69	2.0	12	24
16/10/24 05:45	1	13	14	1	18.7	68	2.8	16	18
16/10/24 05:50	1	14	15	2	18.7	67	2.6	18	22
16/10/24 05:55	2	14	15	1	18.8	66	3.0	21	18
16/10/24 06:00	3	16	19	2	18.8	66	2.5	21	19
16/10/24 06:05	2	11	13	1	18.8	66	3.2	19	19
16/10/24 06:10	2	12	14	1	18.8	65	3.5	20	15
16/10/24 06:15	2	12	13	1	18.8	64	4.4	21	15
16/10/24 06:20	2	11	13	1	18.9	64	3.9	24	20
16/10/24 06:25	2	11	13	1	18.9	64	3.2	13	17
16/10/24 06:30	2	12	15	1	18.8	64	2.7	14	25
16/10/24 06:35	3	14	16	1	18.7	65	2.4	8	20
16/10/24 06:40	4	20	24	2	18.7	65	1.8	9	24
16/10/24 06:45	5	18	23	2	18.7	64	3.0	16	19
16/10/24 06:50	4	17	21	2	18.8	63	3.4	14	19
16/10/24 06:55	5	16	21	2	18.9	62	2.7	6	24
16/10/24 07:00	5	15	21	2	19.0	62	2.9	18	18
16/10/24 07:05	5	16	21	2	19.0	62	2.6	3	25
16/10/24 07:10	5	17	21	2	18.9	62	2.5	3	22
16/10/24 07:15	9	13	22	1	18.9	62	1.9	354	20
16/10/24 07:20	12	17	29	2	19.0	63	2.9	22	19
16/10/24 07:25	31	21	52	2	18.9	62	3.9	26	15
16/10/24 07:30	7	16	23	2	19.0	62	2.8	27	14
16/10/24 07:35	11	17	28	2	19.0	61	3.5	29	14
16/10/24 07:40				2	19.3	61	2.7	19	22
16/10/24 07:45	6	14	20	2	19.2	61	3.6	18	17
16/10/24 07:50	15	14	29	1	19.3	61	3.1	21	20
16/10/24 07:55	11	19	30	1	19.4	60	2.9	19	24
16/10/24 08:00	18	13	31	1	19.5	61	1.6	11	32
16/10/24 08:05	8	14	22	1	19.5	60	2.8	14	23
16/10/24 08:10	6	11	17	1	19.5	60	4.1	21	20
16/10/24 08:15	6	10	16	1	19.5	60	3.1	12	27
16/10/24 08:20	6	11	17	1	19.7	61	4.0	14	19
16/10/24 08:25	8	42	50	2	19.6	61	3.9	14	20
16/10/24 08:30	7	9	17	2	19.6	61	3.2	8	27
16/10/24 08:35	6	11	16	2	19.6	61	3.8	15	23
16/10/24 08:40	6	10	16	2	19.7	61	3.5	24	18
16/10/24 08:45	17	16	32	2	20.2	60	2.6	356	25
16/10/24 08:50	9	9	18	2	20.6	59	3.3	10	20
16/10/24 08:55	12	11	23	2	21.1	57	2.6	22	29
16/10/24 09:00	8	9	18	2	21.0	57	4.4	9	21
16/10/24 09:05	9	11	20	2	21.1	57	3.4	19	21
16/10/24 09:10	6	8	15	2	21.2	57	2.9	11	21
16/10/24 09:15	11	13	24	2	21.5	56	3.5	3	23
16/10/24 09:20	5	7	12	2	21.5	56	4.0	18	20
16/10/24 09:25	5	5	10	2	21.5	56	4.5	14	19
16/10/24 09:30	9	1	10	2	21.5	56	4.3	13	20
16/10/24 09:35				1	21.7	55	4.1	17	23
16/10/24 09:40	67	29	96	2	21.7	55	4.1	32	19
16/10/24 09:45	97	60	156	2	21.9	54	3.3	13	28
16/10/24 09:50	14	37	51	2	21.9	55	2.8	327	29
16/10/24 09:55	3	7	9	2	21.8	55	3.0	332	30
16/10/24 10:00	4	10	14	2	21.8	55	3.3	354	31
16/10/24 10:05	6	10	16	2	22.0	54	3.6	15	28
16/10/24 10:10	4	7	10	2	22.1	54	4.0	21	29
16/10/24 10:15	6	9	15	2	22.2	55	3.7	332	34
16/10/24 10:20	6	11	17	2	21.9	56	4.1	5	27
16/10/24 10:25	5	5	10	2	22.2	55	3.3	353	34
16/10/24 10:30	5	4	9	2	22.0	56	3.7	311	24
16/10/24 10:35	4	7	11	2	21.9	56	3.4	347	38
16/10/24 10:40	4	6	10	2	22.4	54	4.7	24	13
16/10/24 10:45	4	6	10	1	22.6	54	3.3	15	24
16/10/24 10:50	5	10	15	1	22.8	53	3.9	7	28
16/10/24 10:55	6	9	15	1	22.9	53	3.0	352	30
16/10/24 11:00	6	11	17	2	23.0	53	3.1	8	27

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/10/24 11:05	6	13	19	2	23.1	53	2.4	0	39
16/10/24 11:10	5	7	12	2	23.1	52	3.3	312	27
16/10/24 11:15	4	3	6	2	22.7	54	3.6	330	32
16/10/24 11:20	3	4	7	2	23.1	52	3.3	14	22
16/10/24 11:25	3	5	8	2	23.2	52	2.8	343	23
16/10/24 11:30	3	5	8	2	23.4	51	4.3	6	22
16/10/24 11:35	3	6	9	2	23.5	51	2.9	343	31
16/10/24 11:40	3	6	9	2	23.6	50	3.0	7	26
16/10/24 11:45	3	6	9	2	24.0	49	3.0	16	25
16/10/24 11:50	4	8	12	2	24.3	48	2.9	11	26
16/10/24 11:55	4	9	13	2	24.4	48	2.7	352	28
16/10/24 12:00	3	8	11	2	24.3	48	3.2	12	23
16/10/24 12:05	3	6	9	1	24.5	47	3.0	358	29
16/10/24 12:10	3	6	9	1	24.2	48	2.6	2	21
16/10/24 12:15	3	9	12	1	24.3	47	2.7	341	28
16/10/24 12:20	3	5	8	1	24.4	47	1.9	352	35
16/10/24 12:25	2	5	7	1	24.2	47	4.5	32	17
16/10/24 12:30	2	6	9	1	24.4	47	3.7	13	21
16/10/24 12:35	2	7	9	1	24.4	47	3.0	7	36
16/10/24 12:40	2	9	11	1	24.4	47	2.3	353	32
16/10/24 12:45	3	6	9	1	24.4	47	2.6	338	37
16/10/24 12:50	1	4	6	1	24.4	47	2.5	327	37
16/10/24 12:55	2	6	7	1	24.5	47	3.9	22	21
16/10/24 13:00	4	3	7	1	24.7	46	2.7	26	27
16/10/24 13:05	2	6	8	2	24.7	46	2.3	320	33
16/10/24 13:10	2	5	7	2	24.5	46	3.3	28	21
16/10/24 13:15	2	4	6	2	25.0	45	3.6	9	18
16/10/24 13:20	2	4	6	2	25.0	45	3.3	33	21
16/10/24 13:25	3	10	13	2	25.2	45	2.5	5	33
16/10/24 13:30	3	8	11	2	25.4	45	1.4	355	49
16/10/24 13:35	3	7	10	2	25.3	44	2.4	17	27
16/10/24 13:40	3	6	9	2	25.3	44	2.4	337	35
16/10/24 13:45	2	6	8	2	25.4	44	2.7	329	32
16/10/24 13:50	2	6	8	2	25.1	44	2.4	350	35
16/10/24 13:55	2	7	9	2	25.3	44	3.3	342	34
16/10/24 14:00	2	7	9	2	25.2	44	2.6	321	30
16/10/24 14:05	2	5	7	2	25.5	44	2.5	324	39
16/10/24 14:10	2	4	6	1	25.5	44	2.9	346	41
16/10/24 14:15	2	5	7	1	25.8	43	3.7	12	18
16/10/24 14:20	2	6	8	2	25.9	43	3.1	10	25
16/10/24 14:25	3	8	10	2	25.5	44	3.1	13	23
16/10/24 14:30	1	6	7	2	25.4	44	3.3	342	31
16/10/24 14:35	1	5	6	1	25.3	44	2.8	342	38
16/10/24 14:40	1	5	6	1	25.4	44	2.1	331	38
16/10/24 14:45	1	5	6	1	25.4	44	3.8	307	20
16/10/24 14:50	1	5	7	1	25.4	44	2.4	352	38
16/10/24 14:55	1	6	7	1	25.5	44	1.9	351	35
16/10/24 15:00	1	6	7	1	25.4	44	2.4	335	35
16/10/24 15:05	1	6	7	1	25.3	44	1.9	316	39
16/10/24 15:10	1	6	7	1	25.2	44	3.1	21	27
16/10/24 15:15	1	5	7	1	25.6	43	2.5	16	29
16/10/24 15:20	2	6	8	1	25.6	43	2.2	11	26
16/10/24 15:25	2	7	9	1	25.6	43	2.4	16	19
16/10/24 15:30	2	6	7	1	25.7	43	3.1	22	24
16/10/24 15:35	1	6	8	1	25.4	43	3.1	27	18
16/10/24 15:40	1	6	7	1	25.5	43	3.8	32	17
16/10/24 15:45	1	6	7	1	25.6	43	2.1	9	27
16/10/24 15:50	1	6	8	1	25.8	43	2.9	12	16
16/10/24 15:55	1	6	8	1	25.8	43	3.2	26	24
16/10/24 16:00	1	6	7	2	25.6	43	3.5	9	20
16/10/24 16:05	1	6	7	1	25.7	43	2.9	26	24
16/10/24 16:10	1	6	7	1	25.7	43	1.9	309	33
16/10/24 16:15	1	6	7	2	25.3	44	1.6	319	40
16/10/24 16:20	1	6	7	2	25.7	43	1.1	325	47
16/10/24 16:25	1	6	7	2	26.1	42	2.5	31	17
16/10/24 16:30	1	5	7	2	26.1	42	3.2	41	23
16/10/24 16:35	1	5	7	2	25.9	43	1.2	353	40
16/10/24 16:40	1	6	7	1	26.0	42	1.5	10	42
16/10/24 16:45	1	6	7	1	25.8	43	2.1	346	28
16/10/24 16:50	1	6	7	1	26.0	42	0.9	16	57
16/10/24 16:55	1	6	7	1	26.5	41	2.0	20	35
16/10/24 17:00	1	6	7	1	26.4	41	1.9	352	40
16/10/24 17:05	1	5	6	2	26.5	41	2.0	0	26
16/10/24 17:10	1	5	6	2	26.5	41	2.8	16	18
16/10/24 17:15	1	5	6	2	26.6	40	1.6	356	29
16/10/24 17:20	1	5	6	2	26.5	40	2.6	358	27
16/10/24 17:25	1	5	6	2	26.5	40	2.4	18	20
16/10/24 17:30	0	5	5	2	26.5	40	2.7	23	14
16/10/24 17:35	0	5	5	2	26.4	40	2.7	23	19
16/10/24 17:40	1	5	5	2	26.2	40	2.4	3	27
16/10/24 17:45	1	4	5	2	26.1	41	1.8	345	34
16/10/24 17:50	0	4	5	1	26.0	42	3.1	28	16
16/10/24 17:55	0	4	5	2	25.8	43	1.8	14	32
16/10/24 18:00	0	5	5	2	25.5	43	2.7	8	19

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/10/24 18:05	0	5	5	2	25.2	44	2.2	4	22
16/10/24 18:10	0	5	5	1	25.2	44	3.6	28	16
16/10/24 18:15	0	5	5	1	25.1	45	1.9	6	25
16/10/24 18:20	0	5	6	1	25.1	45	2.3	9	22
16/10/24 18:25	0	6	6	2	25.1	45	1.9	5	21
16/10/24 18:30	0	6	6	2	25.0	45	1.7	12	24
16/10/24 18:35	0	6	7	2	25.0	45	1.8	22	23
16/10/24 18:40	0	7	7	2	24.9	45	1.4	0	26
16/10/24 18:45	0	7	7	2	24.9	46	1.6	341	22
16/10/24 18:50	0	8	8	2	24.8	47	2.2	313	23
16/10/24 18:55	0	8	8	2	24.5	47	2.0	319	27
16/10/24 19:00	0	9	9	2	24.5	48	1.9	324	29
16/10/24 19:05	0	9	9	2	24.4	48	2.1	331	29
16/10/24 19:10	0	8	9	2	24.3	48	1.8	328	31
16/10/24 19:15	0	8	8	2	24.3	49	1.2	322	36
16/10/24 19:20	0	9	9	2	24.3	49	0.8	338	42
16/10/24 19:25	0	9	9	2	24.2	49	1.7	334	34
16/10/24 19:30	0	9	9	2	24.2	49	1.6	351	29
16/10/24 19:35	0	9	10	2	24.2	49	0.9	5	30
16/10/24 19:40	1	11	12	2	24.1	49	1.4	18	26
16/10/24 19:45	1	13	13	2	24.1	49	0.8	349	41
16/10/24 19:50	1	13	14	2	24.1	50	1.3	345	35
16/10/24 19:55	0	14	14	2	23.9	50	0.9	345	33
16/10/24 20:00	0	14	14	2	24.0	50	2.1	353	27
16/10/24 20:05	0	14	14	2	23.9	50	1.8	348	20
16/10/24 20:10	0	14	15	2	23.8	51	1.0	343	35
16/10/24 20:15	0	14	15	2	23.7	51	1.5	9	28
16/10/24 20:20	0	14	15	2	23.8	51	1.6	8	21
16/10/24 20:25	0	13	14	2	23.7	52	1.3	344	25
16/10/24 20:30	0	13	13	2	23.6	52	0.9	330	36
16/10/24 20:35	0	13	13	2	23.5	52	1.6	324	32
16/10/24 20:40	0	12	13	2	23.4	53	0.7	311	39
16/10/24 20:45	0	12	12	2	23.2	53	0.7	324	43
16/10/24 20:50	0	12	12	2	23.2	53	0.9	328	37
16/10/24 20:55	0	12	12	2	23.1	54	0.9	299	23
16/10/24 21:00	0	12	13	2	23.1	54	1.0	324	33
16/10/24 21:05	0	13	13	2	23.0	54	1.3	359	26
16/10/24 21:10	0	13	13	2	23.0	54	1.4	349	30
16/10/24 21:15	0	13	13	2	23.0	54	1.6	353	24
16/10/24 21:20	0	12	13	2	23.0	54	1.3	340	24
16/10/24 21:25	0	13	13	2	22.9	54	1.2	344	27
16/10/24 21:30	0	14	14	2	22.9	54	1.0	351	34
16/10/24 21:35	0	14	14	2	22.8	55	1.4	354	24
16/10/24 21:40	0	14	14	2	22.8	55	1.9	12	18
16/10/24 21:45	0	14	15	2	22.7	55	1.2	24	21
16/10/24 21:50	0	14	14	2	22.6	56	1.3	29	20
16/10/24 21:55	0	14	14	2	22.5	57	1.1	10	27
16/10/24 22:00	0	13	13	2	22.4	57	0.9	339	39
16/10/24 22:05	0	12	12	2	22.4	58	0.6	347	41
16/10/24 22:10	0	11	12	2	22.2	58	1.2	349	35
16/10/24 22:15	0	12	12	2	22.2	59	0.9	7	30
16/10/24 22:20	0	13	13	2	22.0	59	1.3	353	24
16/10/24 22:25	0	15	15	2	22.0	59	1.0	0	23
16/10/24 22:30	0	16	16	2	21.9	60	0.9	3	22
16/10/24 22:35	0	17	17	2	21.9	60	0.7	353	34
16/10/24 22:40	0	18	18	2	21.8	60	1.0	7	26
16/10/24 22:45	1	18	19	2	21.7	61	1.6	13	29
16/10/24 22:50	1	17	18	2	21.8	61	1.8	9	18
16/10/24 22:55	1	14	15	2	21.8	61	1.2	359	32
16/10/24 23:00	1	13	14	2	21.7	61	1.2	14	29
16/10/24 23:05	1	13	14	2	21.8	61	1.1	359	34
16/10/24 23:10	1	13	13	2	21.7	61	1.1	349	25
16/10/24 23:15	1	13	13	2	21.6	61	0.9	334	37
16/10/24 23:20	1	12	13	2	21.6	62	0.8	11	38
16/10/24 23:25	1	13	13	2	21.5	62	2.4	27	13
16/10/24 23:30	1	13	13	2	21.6	62	2.3	30	12
16/10/24 23:35	1	13	13	2	21.6	62	2.0	25	17
16/10/24 23:40	1	13	13	2	21.6	63	1.8	23	20
16/10/24 23:45	0	13	13	2	21.6	63	1.1	14	35
16/10/24 23:50	0	12	13		21.6	63	1.4	25	23
16/10/24 23:55	0	12	13		21.5	63	2.2	39	13
17/10/24 00:00	0	12	12	2	21.5	63	2.6	30	13
17/10/24 00:05	0	12	12	2	21.5	63	2.4	29	16
17/10/24 00:10	0	11	11	2	21.6	63	2.3	22	20
17/10/24 00:15	0	10	10	2	21.5	62	2.0	5	21
17/10/24 00:20	0	10	10	2	21.4	63	2.1	13	23
17/10/24 00:25	0	9	9	2	21.4	63	2.0	11	25
17/10/24 00:30	0	9	9	2	21.1	63	2.1	12	21
17/10/24 00:35	0	9	9	2	21.0	64	2.0	2	26
17/10/24 00:40	0	9	9	2	20.9	64	1.6	8	20
17/10/24 00:45	0	9	9	2	20.7	64	1.7	1	26
17/10/24 00:50	0	9	10	2	20.6	64	2.0	1	22
17/10/24 00:55	0	9	9	2	20.5	64	2.3	9	17
17/10/24 01:00	0	9	9	2	20.6	64	1.9	15	20

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/10/24 01:05					20.6	64	2.7	22	20
17/10/24 01:10					20.5	64	2.7	21	15
17/10/24 01:15					20.6	63	3.1	19	14
17/10/24 01:20					20.6	63	2.4	11	23
17/10/24 01:25					20.6	63	2.7	9	16
17/10/24 01:30					20.6	63	2.7	14	23
17/10/24 01:35					20.6	63	2.0	6	31
17/10/24 01:40					20.6	63	2.3	13	23
17/10/24 01:45					20.5	63	2.4	1	22
17/10/24 01:50					20.4	64	2.1	355	24
17/10/24 01:55					20.3	64	3.1	29	15
17/10/24 02:00					20.4	64	3.0	27	18
17/10/24 02:05	0	8	8	2	20.3	64	3.1	19	18
17/10/24 02:10	0	8	8	2	20.3	65	2.1	15	22
17/10/24 02:15	0	7	8	2	20.4	65	2.5	29	14
17/10/24 02:20	1	7	8	2	20.3	65	3.3	22	16
17/10/24 02:25	1	7	7	2	20.3	65	3.3	24	15
17/10/24 02:30	0	6	7	2	20.2	65	3.1	24	17
17/10/24 02:35	0	6	6	2	20.3	65	1.9	17	23
17/10/24 02:40	0	6	6	2	20.2	65	2.6	23	15
17/10/24 02:45	0	6	6	2	20.2	65	2.4	15	25
17/10/24 02:50	0	6	6	2	20.2	66	2.6	19	21
17/10/24 02:55	0	6	6	2	20.1	66	2.1	14	19
17/10/24 03:00	0	6	6	2	20.0	66	2.3	12	21
17/10/24 03:05	0	6	6	2	20.0	66	2.7	11	21
17/10/24 03:10	0	6	7	2	20.0	66	2.2	15	19
17/10/24 03:15	0	6	7	2	19.9	67	2.5	8	23
17/10/24 03:20	0	6	7	2	20.0	67	2.1	15	28
17/10/24 03:25	0	7	7	2	20.0	67	2.7	24	16
17/10/24 03:30	0	7	7	2	19.8	67	2.5	22	15
17/10/24 03:35	0	7	7	2	20.0	67	2.3	16	19
17/10/24 03:40	0	7	7	2	19.9	67	3.1	25	15
17/10/24 03:45	0	7	7	2	20.0	66	3.4	20	15
17/10/24 03:50	0	7	7	2	20.1	66	3.7	20	15
17/10/24 03:55	0	7	7	2	20.0	66	3.2	15	20
17/10/24 04:00	0	7	7	2	20.2	66	2.8	17	20
17/10/24 04:05	0	7	7	2	20.1	66	3.3	18	19
17/10/24 04:10	0	7	7	2	20.2	66	3.1	21	18
17/10/24 04:15	0	7	7	2	20.0	66	2.7	13	21
17/10/24 04:20	0	7	8	2	20.0	66	3.2	21	14
17/10/24 04:25	0	8	8	2	19.9	66	3.7	27	12
17/10/24 04:30	0	8	8	2	20.0	66	3.9	25	12
17/10/24 04:35	0	8	8	2	20.0	65	4.1	24	13
17/10/24 04:40	0	8	8	2	20.0	65	4.4	25	13
17/10/24 04:45	0	7	8	2	20.2	65	4.1	20	15
17/10/24 04:50	0	8	8	2	20.1	65	4.1	23	24
17/10/24 04:55	0	8	8	2	20.0	66	3.1	20	18
17/10/24 05:00	0	8	9	2	20.0	66	3.6	21	17
17/10/24 05:05	0	8	9	2	19.9	66	3.2	15	17
17/10/24 05:10	0	8	9	2	19.9	67	4.0	19	16
17/10/24 05:15	0	9	9	2	19.9	67	3.1	9	20
17/10/24 05:20	0	9	9	2	19.7	67	3.9	13	18
17/10/24 05:25	0	9	9	2	19.6	67	3.3	18	22
17/10/24 05:30	0	10	10	2	19.5	68	2.5	15	24
17/10/24 05:35	0	10	11	2	19.6	68	3.3	17	17
17/10/24 05:40	0	11	11	2	19.5	68	4.2	22	17
17/10/24 05:45	0	11	12	2	19.6	68	3.9	22	17
17/10/24 05:50	1	12	12	2	19.5	68	3.3	16	20
17/10/24 05:55	1	12	13	2	19.5	68	4.5	18	19
17/10/24 06:00	1	12	13	2	19.5	68	4.4	15	19
17/10/24 06:05	1	13	14	2	19.6	68	4.2	15	20
17/10/24 06:10	1	13	14	2	19.6	68	4.8	15	14
17/10/24 06:15	1	14	15	2	19.7	67	4.6	10	20
17/10/24 06:20	1	14	15	2	19.8	68	5.0	11	17
17/10/24 06:25	2	13	15	2	19.7	68	3.8	11	26
17/10/24 06:30	2	14	15	2	19.8	68	3.0	5	22
17/10/24 06:35	2	14	16	2	19.9	68	4.2	9	23
17/10/24 06:40	2	13	15	2	20.0	68	3.1	6	26
17/10/24 06:45	2	13	15	2	20.2	68	4.1	15	16
17/10/24 06:50	3	13	16	2	20.2	68	4.1	16	19
17/10/24 06:55	3	13	16	2	20.4	68	3.5	16	25
17/10/24 07:00	3	13	16	2	20.4	67	4.3	13	18
17/10/24 07:05	3	13	16	2	20.6	67	3.0	13	21
17/10/24 07:10	4	13	16	2	20.7	66	4.5	21	17
17/10/24 07:15	3	13	16	2	20.7	67	3.6	16	16
17/10/24 07:20	4	12	16	2	20.8	66	4.5	14	17
17/10/24 07:25	4	12	16	2	20.8	67	3.7	19	22
17/10/24 07:30	4	12	16	2	21.1	66	3.2	13	22
17/10/24 07:35	4	12	16	2	21.4	65	4.0	14	19
17/10/24 07:40	4	11	15	2	21.5	64	3.3	23	23
17/10/24 07:45	4	11	14	2	21.6	64	5.1	14	23
17/10/24 07:50	3	10	13	2	21.7	64	4.1	15	17
17/10/24 07:55	3	10	13	2	21.7	64	5.0	16	18
17/10/24 08:00	3	9	12	2	21.9	63	4.7	14	21

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/10/24 08:05	3	9	12	2	22.0	63	4.3	9	21
17/10/24 08:10	3	8	11	2	22.2	62	4.6	18	23
17/10/24 08:15	3	8	11	2	22.4	62	5.4	13	21
17/10/24 08:20	3	8	10	2	22.3	61	5.5	9	21
17/10/24 08:25	2	7	9	2	22.4	60	5.0	353	27
17/10/24 08:30	2	7	9	2	22.3	60	4.4	359	25
17/10/24 08:35	2	7	9	2	22.4	60	2.8	359	29
17/10/24 08:40	2	7	9	2	22.5	59	5.4	358	20
17/10/24 08:45	2	7	8	2	22.4	59	5.0	1	21
17/10/24 08:50	2	6	8	2	22.6	58	4.6	11	19
17/10/24 08:55	2	6	8	2	22.7	58	5.8	13	18
17/10/24 09:00	2	6	8	2	22.9	57	4.3	15	22
17/10/24 09:05	2	7	9	2	23.3	56	3.2	6	25
17/10/24 09:10	3	8	10	2	23.6	54	4.6	357	26
17/10/24 09:15	3	7	9	2	23.2	55	5.3	358	18
17/10/24 09:20	2	6	8	2	23.1	55	4.2	358	27
17/10/24 09:25	2	6	9	2	23.1	55	3.2	351	31
17/10/24 09:30	2	7	9	2	23.2	55	3.4	353	30
17/10/24 09:35	2	8	11	2	23.4	55	3.8	358	26
17/10/24 09:40	2	8	11	2	23.2	55	3.4	350	29
17/10/24 09:45	2	8	11	2	23.5	55	4.7	355	23
17/10/24 09:50	2	8	11	2	23.6	55	4.1	346	29
17/10/24 09:55	3	8	11	2	23.6	54	3.7	357	26
17/10/24 10:00	3	8	11	2	23.9	53	3.4	5	31
17/10/24 10:05	3	9	12	2	24.0	53	3.7	344	29
17/10/24 10:10	3	9	12	2	23.8	53	3.3	346	38
17/10/24 10:15	3	8	11	2	24.0	52	3.6	356	28
17/10/24 10:20	3	8	10	2	24.3	52	4.5	7	24
17/10/24 10:25	2	7	10	2	24.4	51	4.4	13	20
17/10/24 10:30	2	7	9	2	24.6	51	3.1	356	35
17/10/24 10:35	2	7	9	2	24.8	50	5.0	8	22
17/10/24 10:40	2	6	8	2	24.8	50	4.9	9	18
17/10/24 10:45	2	6	8	2	25.3	49	3.7	7	20
17/10/24 10:50	2	6	9	2	25.3	48	3.6	0	28
17/10/24 10:55	2	7	9	2	25.2	48	3.3	334	31
17/10/24 11:00	3	7	10	2	25.4	48	3.6	1	22
17/10/24 11:05	3	7	10	2	25.6	47	3.7	353	30
17/10/24 11:10	3	7	10	2	25.4	48	3.2	340	31
17/10/24 11:15	2	7	9	2	25.2	49	3.1	345	26
17/10/24 11:20	2	7	9	2	25.2	48	3.8	351	30
17/10/24 11:25	2	7	9	2	25.4	48	3.6	348	30
17/10/24 11:30	2	7	9	2	25.4	48	3.1	323	31
17/10/24 11:35	2	6	8	2	25.2	48	4.3	306	22
17/10/24 11:40	2	6	8	2	25.3	48	2.8	342	32
17/10/24 11:45	2	6	8	2	25.4	48	2.9	321	29
17/10/24 11:50	2	6	8	2	25.4	49	3.9	346	31
17/10/24 11:55	2	6	8	2	25.7	48	4.5	9	21
17/10/24 12:00	2	6	8	2	25.8	48	3.1	340	30
17/10/24 12:05	2	6	8	2	25.9	47	3.7	3	23
17/10/24 12:10	2	6	8	2	26.1	47	3.1	335	38
17/10/24 12:15	2	6	8	2	25.6	48	4.0	359	28
17/10/24 12:20	2	6	7	2	25.6	47	3.7	2	27
17/10/24 12:25	2	6	7	2	25.4	47	4.4	15	22
17/10/24 12:30	2	6	7	2	25.2	47	3.8	2	29
17/10/24 12:35	1	6	7	2	25.0	48	3.3	347	26
17/10/24 12:40	2	6	8	2	25.0	47	3.5	8	29
17/10/24 12:45	3	7	10	2	25.1	47	4.1	1	18
17/10/24 12:50	2	6	8	2	25.1	47	5.3	359	21
17/10/24 12:55	2	6	8	2	25.0	48	4.6	355	22
17/10/24 13:00	2	6	8	2	24.9	48	3.8	14	23
17/10/24 13:05	2	6	8	2	25.0	48	4.9	14	20
17/10/24 13:10	2	6	8	2	25.1	48	4.2	19	21
17/10/24 13:15	2	6	8	2	25.2	48	5.1	12	18
17/10/24 13:20	2	6	8	2	25.3	48	4.3	22	15
17/10/24 13:25	2	6	8	2	25.4	47	5.5	32	12
17/10/24 13:30	2	7	9	2	25.7	47	3.6	28	15
17/10/24 13:35	2	8	10	2	25.9	47	4.5	28	13
17/10/24 13:40	2	8	10	2	25.9	46	3.2	359	26
17/10/24 13:45	2	8	10	2	26.0	45	3.5	14	28
17/10/24 13:50	2	7	9	2	26.1	44	4.9	26	15
17/10/24 13:55	2	7	9	2	26.2	45	3.5	10	29
17/10/24 14:00	2	7	9	2	26.0	45	3.6	9	20
17/10/24 14:05	2	8	9	2	25.8	46	4.0	353	23
17/10/24 14:10	2	8	9	2	25.7	45	3.5	1	22
17/10/24 14:15	2	7	9	2	25.6	46	4.1	356	20
17/10/24 14:20	1	7	9	2	25.5	46	2.8	350	28
17/10/24 14:25	2	8	10	2	25.3	47	2.6	344	34
17/10/24 14:30	2	9	10	2	25.4	48	3.9	13	23
17/10/24 14:35	1	8	10	2	25.3	48	3.2	352	28
17/10/24 14:40	1	8	9	2	25.3	47	3.8	9	22
17/10/24 14:45	1	8	9	2	25.4	47	2.8	4	32
17/10/24 14:50	1	9	10	2	25.4	48	3.1	346	30
17/10/24 14:55	1	9	10	2	25.2	50	2.3	337	29
17/10/24 15:00	2	10	11	2	24.9	54	1.9	350	29

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/10/24 15:05	2	13	15	2	24.8	55	2.4	14	20
17/10/24 15:10	2	10	12	2	24.9	53	3.8	29	14
17/10/24 15:15	2	6	8	2	24.9	53	4.3	46	13
17/10/24 15:20	2	9	10	2	24.9	53	2.5	30	24
17/10/24 15:25	2	11	12	2	24.8	54	3.2	29	14
17/10/24 15:30	2	11	12	2	24.7	53	3.4	29	20
17/10/24 15:35	1	11	12	2	24.8	52	2.8	27	19
17/10/24 15:40	1	11	12	2	24.7	53	3.1	17	22
17/10/24 15:45	1	11	12	2	24.6	53	3.2	18	20
17/10/24 15:50	1	11	12	2	24.6	54	2.4	20	21
17/10/24 15:55	1	11	12	2	24.6	55	2.6	37	22
17/10/24 16:00	1	11	12	2	24.1	60	3.9	18	11
17/10/24 16:05	1	12	13	2	23.9	61	3.0	29	18
17/10/24 16:10	1	12	13	2	23.6	62	4.2	35	16
17/10/24 16:15	1	12	13	2	23.3	64	5.0	35	15
17/10/24 16:20	1	11	12	2	22.6	69	3.0	45	15
17/10/24 16:25	1	10	11	2	22.2	70	1.8	36	17
17/10/24 16:30	1	10	10	2	22.1	72	1.5	75	16
17/10/24 16:35	1	9	10	2	22.0	73	1.6	105	13
17/10/24 16:40	0	9	10	2	22.0	72	1.1	142	29
17/10/24 16:45	0	9	9	2	21.7	73	0.9	154	41
17/10/24 16:50	0	8	9	2	21.7	73	1.7	124	18
17/10/24 16:55	0	8	8	2	21.4	75	2.4	110	15
17/10/24 17:00	0	7	8	2	21.1	78	3.4	86	10
17/10/24 17:05	0	8	8	2	21.5	78	3.8	74	12
17/10/24 17:10	0	8	9	2	21.4	79	3.7	67	15
17/10/24 17:15	0	9	9	2	21.5	78	4.6	58	13
17/10/24 17:20	0	8	9	2	21.5	77	4.4	55	13
17/10/24 17:25	0	8	9	2	21.5	77	3.6	57	14
17/10/24 17:30	0	8	9	2	21.4	77	3.9	62	17
17/10/24 17:35	0	8	8	2	21.2	78	4.3	60	15
17/10/24 17:40	0	8	8	2	21.2	78	4.2	61	13
17/10/24 17:45	0	8	8	2	21.1	79	3.5	69	14
17/10/24 17:50	0	7	8	2	21.0	78	4.1	66	15
17/10/24 17:55	0	7	7	2	21.0	79	3.9	72	15
17/10/24 18:00	0	7	7	2	21.0	79	3.3	67	14
17/10/24 18:05	0	7	7	2	20.9	79	3.2	65	17
17/10/24 18:10	0	7	7	2	20.9	79	3.7	65	12
17/10/24 18:15	0	7	7	2	21.0	78	3.1	61	17
17/10/24 18:20	0	7	7	2	20.9	79	3.2	63	15
17/10/24 18:25	0	7	7	2	20.9	78	2.9	65	16
17/10/24 18:30	0	7	7	2	21.0	78	3.0	58	15
17/10/24 18:35	0	7	7	2	21.0	77	3.1	65	19
17/10/24 18:40	0	7	7	2	21.0	77	3.1	77	12
17/10/24 18:45	0	7	7	2	21.0	77	3.7	79	14
17/10/24 18:50	0	7	7	2	21.0	76	3.8	80	12
17/10/24 18:55	0	7	7	2	21.0	76	3.4	78	12
17/10/24 19:00	0	7	7	2	21.0	76	2.8	79	14
17/10/24 19:05	0	7	7	2	21.1	76	3.4	78	13
17/10/24 19:10	0	6	7	2	21.0	76	3.1	79	11
17/10/24 19:15	0	6	6	2	21.0	76	2.9	85	13
17/10/24 19:20	0	6	6	2	20.9	77	3.2	89	11
17/10/24 19:25	0	6	6	2	20.8	77	3.2	97	7
17/10/24 19:30	0	6	6	2	20.7	78	2.8	96	9
17/10/24 19:35	0	6	7	2	20.6	78	3.1	100	7
17/10/24 19:40	0	6	7	2	20.6	78	2.5	111	10
17/10/24 19:45	0	6	7	2	20.5	79	1.6	115	18
17/10/24 19:50	0	7	7	2	20.3	79	1.8	116	18
17/10/24 19:55	0	7	7	2	20.0	81	3.1	104	4
17/10/24 20:00	0	7	7	2	19.7	83	3.9	101	4
17/10/24 20:05	0	7	7	2	19.8	83	3.5	93	5
17/10/24 20:10	0	7	7	2	20.3	81	2.8	84	8
17/10/24 20:15	0	7	7	2	20.5	78	2.2	72	15
17/10/24 20:20	0	7	7	2	20.7	77	2.5	83	12
17/10/24 20:25	0	7	7	2	20.7	77	2.2	80	11
17/10/24 20:30	0	7	7	2	20.7	76	1.9	75	12
17/10/24 20:35	0	7	8	2	20.9	75	2.6	74	11
17/10/24 20:40	0	8	8	2	20.8	74	2.9	65	14
17/10/24 20:45	0	8	8	2	20.9	74	3.2	72	11
17/10/24 20:50	0	9	9	2	21.0	74	2.7	77	13
17/10/24 20:55	0	9	9	2	20.9	73	2.7	78	14
17/10/24 21:00	0	9	10	2	21.0	73	2.5	73	12
17/10/24 21:05	0	9	9	2	21.1	72	3.2	81	11
17/10/24 21:10	0	9	9	2	21.2	72	2.5	80	14
17/10/24 21:15	0	9	9	2	21.2	72	2.3	81	12
17/10/24 21:20	0	9	9	2	21.2	71	1.8	68	19
17/10/24 21:25	0	9	9	2	21.4	70	2.0	60	12
17/10/24 21:30	0	8	8	2	21.4	69	1.9	60	17
17/10/24 21:35	0	8	8	2	21.6	69	1.5	62	25
17/10/24 21:40	0	8	8	2	21.6	69	1.6	60	17
17/10/24 21:45	0	8	8	2	21.6	68	1.9	50	13
17/10/24 21:50	0	8	8	2	21.6	68	1.8	41	15
17/10/24 21:55	0	8	8	2	21.8	66	2.9	34	19
17/10/24 22:00	0	8	8	2	22.2	64	2.7	30	22

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/10/24 22:05	0	7	8	2	22.5	62	3.0	19	17
17/10/24 22:10	0	7	7	2	22.5	63	1.8	6	18
17/10/24 22:15	0	8	8	1	22.5	63	1.8	4	20
17/10/24 22:20	0	7	8	1	22.3	64	1.0	326	41
17/10/24 22:25	0	7	8	2	22.2	64	0.9	355	30
17/10/24 22:30	0	8	8	2	22.1	65	1.4	6	19
17/10/24 22:35	0	8	8	2	22.1	64	1.7	20	19
17/10/24 22:40	0	8	8	2	22.2	63	2.1	12	16
17/10/24 22:45	0	8	8	2	22.3	63	2.1	11	22
17/10/24 22:50	0	7	8	2	22.4	61	3.2	23	21
17/10/24 22:55	0	7	7	1	22.8	60	3.5	13	18
17/10/24 23:00	0	7	7	1	22.8	60	2.6	23	16
17/10/24 23:05	0	7	7	1	22.8	60	2.9	21	18
17/10/24 23:10	0	6	7	1	23.0	60	2.7	19	17
17/10/24 23:15	0	6	6	1	22.9	60	2.6	23	17
17/10/24 23:20	0	6	6	1	22.8	60	3.0	21	15
17/10/24 23:25	0	6	6	1	22.8	60	2.7	15	19
17/10/24 23:30	0	5	5	1	22.8	60	2.0	8	20
17/10/24 23:35	0	5	5	1	22.8	60	3.0	13	20
17/10/24 23:40	0	5	5	1	22.9	59	2.7	10	25
17/10/24 23:45	0	5	5	1	23.0	59	2.9	13	23
17/10/24 23:50	0	5	5		23.1	58	3.3	8	22
17/10/24 23:55	1	5	5		23.2	58	1.4	10	37
18/10/24 00:00	0	4	5	1	23.2	58	2.1	354	20
18/10/24 00:05	1	4	5	1	23.3	58	2.6	314	28
18/10/24 00:10	0	4	5	1	23.2	58	2.8	308	20
18/10/24 00:15	0	5	6	1	23.2	59	2.6	305	19
18/10/24 00:20	0	6	6	1	23.1	59	2.3	301	22
18/10/24 00:25	0	6	7	1	23.0	60	1.8	308	24
18/10/24 00:30	0	7	7	1	22.9	60	1.5	337	30
18/10/24 00:35	0	7	7	1	22.9	60	1.4	354	39
18/10/24 00:40	0	7	7	1	23.0	60	2.3	359	26
18/10/24 00:45	0	7	7	1	23.0	60	2.2	359	33
18/10/24 00:50	0	7	7	1	23.0	60	2.8	10	25
18/10/24 00:55	0	7	7	1	23.1	59	3.2	4	23
18/10/24 01:00	0	6	6	1	23.4	60	4.0	18	20
18/10/24 01:05					23.3	60	3.9	4	24
18/10/24 01:10					23.3	61	3.5	5	29
18/10/24 01:15					23.3	61	4.0	1	19
18/10/24 01:20					23.4	61	3.1	12	24
18/10/24 01:25					23.3	62	3.7	13	20
18/10/24 01:30					23.2	62	3.0	11	31
18/10/24 01:35					23.3	62	4.0	359	17
18/10/24 01:40					23.3	63	4.7	8	19
18/10/24 01:45					23.1	64	3.3	3	34
18/10/24 01:50					22.9	65	4.8	0	20
18/10/24 01:55					22.6	67	4.1	359	28
18/10/24 02:00					22.5	68	5.3	1	19
18/10/24 02:05	0	4	4	1	22.3	69	5.2	358	25
18/10/24 02:10	0	4	4	1	22.0	71	5.4	6	21
18/10/24 02:15	0	3	3	1	21.7	74	5.0	2	22
18/10/24 02:20	0	3	3	1	21.3	77	4.4	0	23
18/10/24 02:25	0	3	3	1	21.0	78	5.8	6	19
18/10/24 02:30	0	3	3	1	20.9	79	4.8	3	27
18/10/24 02:35	0	3	3	1	20.8	80	3.8	8	20
18/10/24 02:40	0	3	3	1	20.8	81	3.4	9	25
18/10/24 02:45	0	3	3	1	20.7	80	3.9	4	26
18/10/24 02:50	0	3	3	1	20.8	80	4.5	5	22
18/10/24 02:55	0	3	3	1	20.7	80	3.6	357	22
18/10/24 03:00	0	3	3	1	20.8	80	3.7	1	25
18/10/24 03:05	0	3	3	1	20.8	80	4.4	4	21
18/10/24 03:10	0	3	3	1	20.8	80	3.3	5	27
18/10/24 03:15	0	3	3	1	20.8	80	4.1	8	20
18/10/24 03:20	0	3	3	1	20.8	80	2.6	360	28
18/10/24 03:25	0	3	3	1	20.7	80	4.0	3	21
18/10/24 03:30	0	3	3	1	20.6	81	3.6	4	23
18/10/24 03:35	0	3	3	1	20.6	81	3.2	5	18
18/10/24 03:40	0	3	3	1	20.6	81	3.2	16	21
18/10/24 03:45	0	3	3	1	20.6	81	3.1	17	20
18/10/24 03:50	0	3	3	0	20.6	82	3.1	20	17
18/10/24 03:55	0	3	4	0	20.5	82	3.1	23	17
18/10/24 04:00	0	3	4	0	20.6	82	5.3	23	16
18/10/24 04:05	0	4	4	1	20.6	82	4.6	19	16
18/10/24 04:10	0	4	4	1	20.6	82	2.7	17	23
18/10/24 04:15	0	4	4	1	20.6	82	3.0	12	19
18/10/24 04:20	0	4	5	1	20.6	82	2.8	22	19
18/10/24 04:25	0	5	5	1	20.6	82	4.1	25	15
18/10/24 04:30	1	5	6	1	20.5	82	3.7	21	14
18/10/24 04:35	0	5	5	1	20.6	82	4.2	21	16
18/10/24 04:40	0	5	5	1	20.7	82	4.2	30	17
18/10/24 04:45	0	5	5	1	20.8	82	4.3	24	18
18/10/24 04:50	0	5	5	1	20.9	82	4.9	21	17
18/10/24 04:55	0	5	5	0	20.8	82	4.4	17	16
18/10/24 05:00	0	5	5	0	20.9	82	3.6	18	21

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/10/24 05:05	0	5	5	1	20.8	83	3.8	17	18
18/10/24 05:10	0	5	5	1	20.7	83	2.8	5	32
18/10/24 05:15	0	5	5	1	20.7	83	3.9	0	21
18/10/24 05:20	0	5	5	1	20.7	84	3.4	5	26
18/10/24 05:25	0	6	6	1	20.7	84	3.6	18	23
18/10/24 05:30	0	6	6	1	20.6	84	3.8	17	17
18/10/24 05:35	0	7	7	1	20.6	84	3.8	19	18
18/10/24 05:40	0	7	7	1	20.7	84	4.4	18	16
18/10/24 05:45	0	7	8	1	20.7	84	3.6	18	20
18/10/24 05:50	0	8	8	1	20.8	84	4.0	16	20
18/10/24 05:55	0	8	8	1	20.8	84	4.0	11	24
18/10/24 06:00	0	8	9	1	20.8	83	4.0	18	15
18/10/24 06:05	0	8	9	1	20.8	84	4.1	24	17
18/10/24 06:10	0	9	9	1	20.8	84	5.1	20	13
18/10/24 06:15	0	8	9	1	20.8	84	5.0	17	16
18/10/24 06:20	0	8	9	1	20.8	84	5.7	24	13
18/10/24 06:25	0	8	9	1	20.8	84	6.5	32	13
18/10/24 06:30	0	9	9	1	20.7	85	5.6	34	16
18/10/24 06:35	0	9	9	1	20.6	85	5.7	29	19
18/10/24 06:40	0	9	10	1	20.5	85	6.5	30	15
18/10/24 06:45	0	10	10	1	20.5	86	6.0	29	16
18/10/24 06:50	0	9	10	1	20.6	85	6.6	27	14
18/10/24 06:55	0	9	9	1	20.6	85	5.5	15	19
18/10/24 07:00	0	9	9	1	20.6	84	2.9	358	30
18/10/24 07:05	0	9	9	0	20.7	85	2.3	347	29
18/10/24 07:10	0	9	9	1	20.7	85	3.0	1	18
18/10/24 07:15	1	9	10	1	20.7	84	3.4	360	26
18/10/24 07:20	1	10	11	1	20.8	84	2.7	358	27
18/10/24 07:25	1	11	12	1	20.8	84	3.3	356	17
18/10/24 07:30	1	12	13	1	20.9	84	3.0	4	21
18/10/24 07:35	1	13	14	1	20.9	83	3.6	2	26
18/10/24 07:40	1	12	13	1	21.0	81	3.6	357	26
18/10/24 07:45	1	12	13	1	21.1	81	2.6	10	24
18/10/24 07:50	1	12	13	1	21.2	80	3.9	10	21
18/10/24 07:55	1	11	13	1	21.2	80	3.4	10	21
18/10/24 08:00	1	11	12	1	21.2	81	3.8	21	20
18/10/24 08:05	1	11	12	1	20.9	83	4.4	8	27
18/10/24 08:10	1	11	12	1	20.5	86	3.1	4	25
18/10/24 08:15	1	10	11	1	20.4	87	2.4	8	27
18/10/24 08:20	1	10	11	1	20.3	88	1.5	359	38
18/10/24 08:25	1	10	11	1	20.2	89	0.6	27	52
18/10/24 08:30	1	11	12	1	20.1	90	1.5	60	14
18/10/24 08:35	1	14	15	1	20.1	90	1.3	32	13
18/10/24 08:40	1	15	16	1	20.1	91	0.9	12	21
18/10/24 08:45	1	17	18	1	20.0	91	0.4	346	32
18/10/24 08:50	1	17	18	1	19.9	92	0.3	107	44
18/10/24 08:55	1	17	18	1	19.9	92	0.4	157	40
18/10/24 09:00	2	20	22	1	19.7	92	0.3	237	64
18/10/24 09:05	4	25	30	1	19.5	93	1.4	180	8
18/10/24 09:10	8	25	33	1	19.4	94	1.4	167	18
18/10/24 09:15	3	13	17	1	19.3	94	1.6	130	34
18/10/24 09:20	1	11	12	1	19.2	95	1.4	98	20
18/10/24 09:25	1	11	13	1	19.3	96	3.0	89	7
18/10/24 09:30	1	12	14	1	19.3	96	3.4	70	12
18/10/24 09:35	1	12	14	1	19.4	96	2.7	63	14
18/10/24 09:40	2	13	14	1	19.6	97	2.5	44	14
18/10/24 09:45	2	13	15	1	19.7	96	1.0	18	28
18/10/24 09:50	2	14	17	1	19.8	96	0.8	35	33
18/10/24 09:55	3	16	20	1	19.9	96	1.5	41	25
18/10/24 10:00	4	17	21	1	20.1	96	1.7	26	25
18/10/24 10:05	5	17	22	1	20.2	94	2.1	336	50
18/10/24 10:10	5	17	21	1	19.8	92	7.9	259	10
18/10/24 10:15	3	14	18	1	18.5	91	8.3	264	5
18/10/24 10:20	2	3	5	1	17.7	94	5.3	270	7
18/10/24 10:25	1	5	6	1	17.5	95	5.1	266	9
18/10/24 10:30	1	9	10	1	17.5	96	2.9	283	13
18/10/24 10:35	1	22	24	1	17.6	96	2.9	281	13
18/10/24 10:40	2	40	43	1	17.7	96	2.9	273	12
18/10/24 10:45	4	37	41	1	17.7	95	4.1	270	6
18/10/24 10:50	3	22	26	1	17.7	95	2.7	280	15
18/10/24 10:55	3	22	25	1	17.8	95	3.4	271	12
18/10/24 11:00	3	22	25	1	17.9	96	2.5	277	14
18/10/24 11:05	3	22	25	1	18.1	96	1.6	269	16
18/10/24 11:10	4	21	25	1	18.3	96	2.4	244	13
18/10/24 11:15	4	20	25	1	18.4	95	2.5	233	9
18/10/24 11:20	4	15	19	1	18.5	95	2.9	242	10
18/10/24 11:25	3	7	10	1	18.6	95	2.8	223	5
18/10/24 11:30	3	8	11	1	18.7	95	3.1	213	4
18/10/24 11:35	1	3	4	1	18.7	95	2.8	208	5
18/10/24 11:40	1	3	4	1	18.8	95	3.1	196	4
18/10/24 11:45	1	4	4	1	18.8	94	2.8	199	4
18/10/24 11:50	1	6	7	1	19.1	95	1.9	176	22
18/10/24 11:55	1	8	9	1	19.4	94	1.4	151	18
18/10/24 12:00	2	15	17	1	19.6	92	1.2	150	23

Station Pier Ambient Air Quality Monitoring
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5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/10/24 12:05	2	3	5	1	19.7	90	1.3	136	20
18/10/24 12:10	2	3	4	1	19.8	90	1.4	123	19
18/10/24 12:15	4	0	4	1	19.9	89	2.3	109	5
18/10/24 12:20	1	4	5	1	20.0	89	2.4	111	9
18/10/24 12:25	1	3	4	1	20.0	89	2.0	115	11
18/10/24 12:30	0	2	3	1	19.8	90	1.4	120	16
18/10/24 12:35	0	2	3	1	19.7	90	1.2	134	23
18/10/24 12:40	0	2	2	1	19.5	91	1.1	97	14
18/10/24 12:45	0	2	2	1	19.6	91	0.8	122	20
18/10/24 12:50	0	2	2	1	19.7	91	1.2	160	21
18/10/24 12:55	0	3	3	1	19.8	90	0.8	184	21
18/10/24 13:00	0	2	2	1	19.3	90	0.8	204	20
18/10/24 13:05	0	2	2	1	19.0	92	1.2	244	12
18/10/24 13:10	0	2	2	1	19.0	94	2.0	277	10
18/10/24 13:15	0	2	2	1	18.9	95	2.3	284	13
18/10/24 13:20	0	7	7	1	19.1	95	0.7	206	28
18/10/24 13:25	1	18	19	1	19.3	96	0.8	124	24
18/10/24 13:30	1	15	16	1	19.3	95	1.5	135	14
18/10/24 13:35	2	25	27	1	19.5	95	1.8	134	13
18/10/24 13:40	2	5	7	1	19.4	94	1.5	124	15
18/10/24 13:45	1	2	3	1	19.6	94	0.8	146	34
18/10/24 13:50	5	30	34	1	19.7	94	1.6	162	19
18/10/24 13:55	5	12	17	1	19.6	93	1.3	157	24
18/10/24 14:00	4	10	14	1	19.2	92	1.7	134	16
18/10/24 14:05	1	3	4	1	18.9	93	1.5	115	16
18/10/24 14:10	1	3	3	1	18.8	94	2.3	101	8
18/10/24 14:15	1	3	4	1	19.0	94	2.8	104	5
18/10/24 14:20	1	3	4	1	19.1	94	2.3	109	9
18/10/24 14:25	1	3	4	1	19.3	94	2.1	107	7
18/10/24 14:30	1	3	4	1	19.4	94	1.4	109	8
18/10/24 14:35	1	4	5	1	19.8	94	1.5	105	11
18/10/24 14:40	1	4	5	1	20.4	93	1.0	150	30
18/10/24 14:45	1	5	6	1	20.5	91	1.1	153	23
18/10/24 14:50	1	5	6	1	20.7	90	1.4	138	14
18/10/24 14:55	1	6	7	1	20.9	90	0.7	121	37
18/10/24 15:00	1	7	8	1	20.9	89	0.6	211	20
18/10/24 15:05	1	8	9	1	20.9	89	0.8	271	35
18/10/24 15:10	1	8	9	1	20.2	90	2.8	237	5
18/10/24 15:15	1	8	9	1	19.8	93	3.2	238	3
18/10/24 15:20	1	9	10	1	19.8	94	1.5	259	22
18/10/24 15:25	1	10	11	1	19.9	95			
18/10/24 15:30	1	11	12	1	20.0	95			
18/10/24 15:35	1	11	12	1	19.8	95			
18/10/24 15:40	1	11	12	1	19.5	94			
18/10/24 15:45	1	9	9	1	18.8	94			
18/10/24 15:50	0	4	5	1	19.0	95			
18/10/24 15:55	0	3	4	1	18.9	94			
18/10/24 16:00	0	4	4	1	19.0	94			
18/10/24 16:05	0	4	4	1	18.8	94			
18/10/24 16:10	0	3	4	1	18.6	94			
18/10/24 16:15	0	3	4	1	18.6	93			
18/10/24 16:20	0	3	3	1	18.6	93			
18/10/24 16:25	0	3	3	1	18.5	94			
18/10/24 16:30	0	3	3	1	18.5	94			
18/10/24 16:35	0	3	3	1	18.5	94			
18/10/24 16:40	0	2	3	1	18.2	94			
18/10/24 16:45	0	2	2	1	18.3	93			
18/10/24 16:50	0	2	2	1	18.3	93			
18/10/24 16:55	0	5	5	1	18.2	93			
18/10/24 17:00	0	8	8	1	18.2	93			
18/10/24 17:05	0	3	4	1	18.2	94			
18/10/24 17:10	0	4	4	1	18.1	94			
18/10/24 17:15	0	4	5	1	18.1	95			
18/10/24 17:20	0	3	3	1	18.1	95			
18/10/24 17:25	0	7	7	1	18.1	95			
18/10/24 17:30	1	8	8	1	17.9	95			
18/10/24 17:35	1	8	9	1	17.6	95			
18/10/24 17:40	1	1	2	1	17.3	94			
18/10/24 17:45	0	2	3	1	17.2	95			
18/10/24 17:50	0	2	3	1	17.1	95			
18/10/24 17:55	0	2	2	1	16.9	95			
18/10/24 18:00	0	1	2	1	16.9	95			
18/10/24 18:05	0	1	1	1	16.8	95			
18/10/24 18:10	0	1	1	1	16.9	95			
18/10/24 18:15	0	1	1	1	16.9	94			
18/10/24 18:20	0	1	1	1	16.8	94			
18/10/24 18:25	0	1	1	1	16.8	94			
18/10/24 18:30	0	1	2	1	16.7	94			
18/10/24 18:35	0	1	1	1	16.7	94			
18/10/24 18:40	0	1	1	1	16.7	94			
18/10/24 18:45	0	2	2	1	16.7	95			
18/10/24 18:50	0	2	2	1	16.6	95			
18/10/24 18:55	0	2	2	1	16.6	95			
18/10/24 19:00	0	5	5	1	16.4	96			

Station Pier Ambient Air Quality Monitoring
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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/10/24 19:05	1	18	19	1	16.4	97			
18/10/24 19:10	1	19	20	1	16.4	97			
18/10/24 19:15	1	5	6	1	16.5	97			
18/10/24 19:20	1	1	1	1	16.6	96			
18/10/24 19:25	1	0	1	1	16.6	96			
18/10/24 19:30	1	1	1	1	16.8	94			
18/10/24 19:35	0	1	2	1	16.9	93			
18/10/24 19:40	0	1	1	1	17.0	93			
18/10/24 19:45	0	0	1	1	17.0	93			
18/10/24 19:50	0	1	1	1	17.0	92			
18/10/24 19:55	0	1	1	1	17.0	92			
18/10/24 20:00	0	1	1	1	16.9	92			
18/10/24 20:05	0	0	1	1	16.9	93			
18/10/24 20:10	0	1	1	1	16.9	93			
18/10/24 20:15	0	1	1	1	16.9	92			
18/10/24 20:20	0	1	1	1	17.0	92			
18/10/24 20:25	0	1	1	1	16.8	92			
18/10/24 20:30	0	1	1	1	16.8	92			
18/10/24 20:35	0	1	1	1	16.7	92			
18/10/24 20:40	0	1	1	1	16.6	91			
18/10/24 20:45	0	1	1	1	16.6	90			
18/10/24 20:50	0	1	1	1	16.6	90			
18/10/24 20:55	0	1	1	1	16.6	90			
18/10/24 21:00	0	1	1	1	16.6	89			
18/10/24 21:05	0	1	1	1	16.5	90			
18/10/24 21:10	0	1	1	1	16.4	90			
18/10/24 21:15	0	1	1	1	16.4	90			
18/10/24 21:20	0	1	1	1	16.5	89			
18/10/24 21:25	0	1	1	1	16.5	89			
18/10/24 21:30	0	1	1	1	16.5	89			
18/10/24 21:35	0	1	1	1	16.4	89			
18/10/24 21:40	0	1	1	1	16.5	89			
18/10/24 21:45	0	1	1	1	16.5	88			
18/10/24 21:50	0	1	1	1	16.5	88			
18/10/24 21:55	0	1	1	1	16.5	88			
18/10/24 22:00	0	1	1	1	16.6	90			
18/10/24 22:05	0	1	1	1	16.5	89			
18/10/24 22:10	0	1	1	1	16.4	88			
18/10/24 22:15	0	1	1	1	16.4	88			
18/10/24 22:20	0	1	1	1	16.3	87			
18/10/24 22:25	0	1	1	1	16.4	87			
18/10/24 22:30	0	1	1	1	16.2	87			
18/10/24 22:35	0	1	1	1	16.2	86			
18/10/24 22:40	0	1	1	1	16.3	86			
18/10/24 22:45	0	1	1	1	16.3	86			
18/10/24 22:50	0	1	1	1	16.2	86			
18/10/24 22:55	0	2	2	1	16.2	86			
18/10/24 23:00	0	1	1	1	16.2	87			
18/10/24 23:05	0	1	1	1	16.1	87			
18/10/24 23:10	0	1	1	1	16.2	87			
18/10/24 23:15	0	0	0	1	16.0	86			
18/10/24 23:20	0	0	0	1	16.1	86			
18/10/24 23:25	0	0	0	1	15.9	87			
18/10/24 23:30	0	0	0	1	16.0	88			
18/10/24 23:35	0	0	0	1	15.9	87			
18/10/24 23:40	0	0	0	1	15.8	88			
18/10/24 23:45	0	0	1	1	15.8	88			
18/10/24 23:50	0	0	1		15.7	89			
18/10/24 23:55	0	0	1		15.7	89			
19/10/24 00:00	0	0	0	1	15.6	88			
19/10/24 00:05	0	0	0	1	15.7	88			
19/10/24 00:10	0	0	0	1	15.7	89			
19/10/24 00:15	0	0	0	1	15.7	89			
19/10/24 00:20	0	0	0	1	15.7	88			
19/10/24 00:25	0	0	1	1	15.7	89			
19/10/24 00:30	0	0	1	1	15.7	89			
19/10/24 00:35	0	0	1	1	15.8	88			
19/10/24 00:40	0	0	1	1	15.7	87			
19/10/24 00:45	0	0	1	1	15.9	87			
19/10/24 00:50	0	0	1	1	15.7	87			
19/10/24 00:55	0	0	1	1	15.8	87			
19/10/24 01:00	0	0	1	1	15.8	87			
19/10/24 01:05					15.6	88			
19/10/24 01:10					15.6	88			
19/10/24 01:15					15.7	89			
19/10/24 01:20					15.6	88			
19/10/24 01:25					15.6	88			
19/10/24 01:30					15.8	88			
19/10/24 01:35					15.8	87			
19/10/24 01:40					15.9	87			
19/10/24 01:45					15.7	88			
19/10/24 01:50					15.5	89			
19/10/24 01:55					15.3	92			
19/10/24 02:00					15.3	92			

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/10/24 02:05	0	0	0	1	15.4	91			
19/10/24 02:10	0	0	0	1	15.4	92			
19/10/24 02:15	0	0	0	1	15.2	94			
19/10/24 02:20	0	0	1	1	15.0	95			
19/10/24 02:25	0	0	0	1	15.1	95			
19/10/24 02:30	0	0	0	1	15.2	95			
19/10/24 02:35	0	0	0	1	15.4	93			
19/10/24 02:40	0	0	0	1	15.4	92			
19/10/24 02:45	0	0	1	1	15.4	90			
19/10/24 02:50	0	0	1	1	15.5	89			
19/10/24 02:55	0	0	0	1	15.6	89			
19/10/24 03:00	0	0	0	1	15.5	90			
19/10/24 03:05	0	0	0	1	15.3	91			
19/10/24 03:10	0	0	0	1	15.3	92			
19/10/24 03:15	0	0	0	1	15.0	93			
19/10/24 03:20	0	0	0	1	15.1	91			
19/10/24 03:25	0	0	0	1	15.2	90			
19/10/24 03:30	0	0	0	1	15.4	90			
19/10/24 03:35	0	0	0	1	15.5	89			
19/10/24 03:40	0	0	0	1	15.4	90			
19/10/24 03:45	0	0	0	1	15.4	90			
19/10/24 03:50	0	0	0	1	15.2	91			
19/10/24 03:55	0	0	0	1	15.2	92			
19/10/24 04:00	0	0	0	1	15.2	92			
19/10/24 04:05	0	0	0	1	15.1	91			
19/10/24 04:10	0	0	0	1	15.0	91			
19/10/24 04:15	0	0	0	1	15.0	91			
19/10/24 04:20	0	0	0	1	15.1	91			
19/10/24 04:25	0	0	0	2	15.0	91			
19/10/24 04:30	0	0	0	2	15.1	90			
19/10/24 04:35	0	1	1	1	15.2	88			
19/10/24 04:40	0	1	1	1	15.3	87			
19/10/24 04:45	0	1	0	1	15.2	87			
19/10/24 04:50	66	5	71	1	15.3	86			
19/10/24 04:55	81	36	117	1	15.3	86			
19/10/24 05:00	296	33	330	2	15.3	87			
19/10/24 05:05	663	60	723	3	15.3	86			
19/10/24 05:10	319	76	396	4	15.4	86			
19/10/24 05:15	232	26	257	3	15.4	87			
19/10/24 05:20	187	4	190	3	15.4	88			
19/10/24 05:25	156	38	194	3	15.2	88			
19/10/24 05:30	154	47	201	3	15.1	90			
19/10/24 05:35	154	48	202	3	14.8	91			
19/10/24 05:40				2	15.0	91			
19/10/24 05:45	133	23	156	2	14.9	90			
19/10/24 05:50	62	24	86	2	14.8	92			
19/10/24 05:55	175	31	206	2	14.7	93			
19/10/24 06:00	158	5	163	3	14.5	94			
19/10/24 06:05	131	33	164	2	14.7	92			
19/10/24 06:10	306	109	415	3	14.8	89			
19/10/24 06:15	652	70	722	4	14.8	89			
19/10/24 06:20	360	98	459	5	14.8	91			
19/10/24 06:25	433	15	448	6	14.9	90			
19/10/24 06:30	211	45	255	6	14.8	89			
19/10/24 06:35	64	13	77	5	14.9	90			
19/10/24 06:40	87	36	123	4	14.9	91			
19/10/24 06:45	239	53	292	4	14.8	90			
19/10/24 06:50	226	79	306	4	14.8	89			
19/10/24 06:55	143	14	157	4	14.8	89			
19/10/24 07:00	213	67	280	4	14.8	90			
19/10/24 07:05	115	55	170	4	14.7	90			
19/10/24 07:10	150	43	193	4	14.8	91			
19/10/24 07:15	69	22	91	4	14.8	89			
19/10/24 07:20	85	25	110	4	15.0	89			
19/10/24 07:25	88	44	132	4	15.0	88			
19/10/24 07:30	94	28	122	4	14.9	88			
19/10/24 07:35	141	7	149	4	15.0	89			
19/10/24 07:40	271	18	289	4	14.8	88			
19/10/24 07:45	214	38	252	5	14.8	88			
19/10/24 07:50				5	14.8	88			
19/10/24 07:55	190	64	254	5	14.6	87			
19/10/24 08:00	252	41	293	6	14.7	87			
19/10/24 08:05				6	14.6	86			
19/10/24 08:10	505	61	565	8	14.5	85			
19/10/24 08:15	493	30	524	11	14.5	84			
19/10/24 08:20	591	29	620	12	14.6	83			
19/10/24 08:25	405	20	425	14	14.6	83			
19/10/24 08:30	335	69	405	14	14.6	81			
19/10/24 08:35	357	59	417	14	14.6	79			
19/10/24 08:40	379	21	401	15	14.7	78			
19/10/24 08:45	325	30	356	16	14.6	77			
19/10/24 08:50	583	66	649	19	14.6	75			
19/10/24 08:55	452	37	489	22	14.8	75			
19/10/24 09:00	453	27	481	20	15.0	75			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/10/24 09:05	376	53	429	22	15.1	74			
19/10/24 09:10	401	52	453	21	15.1	73			
19/10/24 09:15	542	26	568	22	15.3	71			
19/10/24 09:20	483	128	611	25	15.3	71			
19/10/24 09:25	510	70	581	26	15.3	72			
19/10/24 09:30	420	43	463	24	15.5	72			
19/10/24 09:35	391	55	446	21	15.2	70			
19/10/24 09:40	397	72	469	23	15.4	70			
19/10/24 09:45	446	19	465	23	15.5	69			
19/10/24 09:50				23	15.7	68			
19/10/24 09:55	373	15	388	23	15.6	69			
19/10/24 10:00	228	21	249	21	15.6	68			
19/10/24 10:05	342	59	401	19	15.5	67			
19/10/24 10:10				18	15.6	69			
19/10/24 10:15	247	30	277	16	15.5	69			
19/10/24 10:20	298	11	309	17	15.8	68			
19/10/24 10:25	499	65	564	21	15.8	67			
19/10/24 10:30	192	7	199	22	16.1	66			
19/10/24 10:35				18	15.7	68			
19/10/24 10:40	347	47	394	20	15.7	67			
19/10/24 10:45	151	35	186	17	15.6	68			
19/10/24 10:50				12	15.6	71			
19/10/24 10:55	131	31	162	11	15.6	70			
19/10/24 11:00	228	38	266	13	15.9	67			
19/10/24 11:05	149	46	195	13	16.1	67			
19/10/24 11:10	160	12	172	12	16.2	66			
19/10/24 11:15	141	34	175	11	16.2	65			
19/10/24 11:20	85	26	111	10	16.3	65			
19/10/24 11:25	42	23	64	8	16.1	67			
19/10/24 11:30	75	27	102	7	16.2	67			
19/10/24 11:35	52	18	70	7	16.1	68			
19/10/24 11:40	119	33	152	7	16.2	68			
19/10/24 11:45	29	16	45	6	16.3	68			
19/10/24 11:50	11	12	23	6	16.3	68			
19/10/24 11:55	14	13	27	6	16.4	69			
19/10/24 12:00	9	9	18	5	16.5	66			
19/10/24 12:05	6	8	14	5	16.4	69			
19/10/24 12:10	8	7	15	5	16.5	70			
19/10/24 12:15	3	3	6	4	16.6	69			
19/10/24 12:20	2	3	5	4	16.5	68			
19/10/24 12:25	2	3	5	4	16.7	68			
19/10/24 12:30	2	3	4	3	16.7	69			
19/10/24 12:35	2	3	5	4	16.6	69			
19/10/24 12:40	4	4	7	3	16.7	68			
19/10/24 12:45	6	5	11	3	16.6	71			
19/10/24 12:50	5	8	13	3	16.8	70			
19/10/24 12:55	6	8	14	3	16.7	70			
19/10/24 13:00	7	11	18	3	16.7	70			
19/10/24 13:05	11	7	18	4	16.7	70			
19/10/24 13:10	8	8	16	3	16.8	70			
19/10/24 13:15	6	7	13	3	16.9	69			
19/10/24 13:20	6	6	12	4	17.3	70			
19/10/24 13:25	3	3	6	4	17.6	68			
19/10/24 13:30	3	4	7	4	17.5	69			
19/10/24 13:35	5	5	10	4	17.2	71			
19/10/24 13:40	4	5	10	3	17.2	72			
19/10/24 13:45	2	4	6	3	17.5	71			
19/10/24 13:50	2	2	4	3	17.1	72			
19/10/24 13:55	4	5	8	3	16.8	73			
19/10/24 14:00	5	5	10	3	16.7	72			
19/10/24 14:05	5	6	11	3	16.9	73			
19/10/24 14:10	5	4	9	2	17.3	72			
19/10/24 14:15	4	2	6	3	17.2	72			
19/10/24 14:20	3	1	3	3	17.2	71			
19/10/24 14:25	3	2	5	3	17.2	73			
19/10/24 14:30	3	4	7	3	17.2	72			
19/10/24 14:35	4	3	7	3	17.0	73			
19/10/24 14:40	2	2	4	2	17.1	73			
19/10/24 14:45	2	2	3	3	17.1	73			
19/10/24 14:50	1	3	4	2	17.0	73			
19/10/24 14:55	1	1	2	2	17.0	73			
19/10/24 15:00	1	2	3	3	17.1	72			
19/10/24 15:05	1	2	3	3	17.2	72			
19/10/24 15:10	1	3	4	3	17.1	72			
19/10/24 15:15	1	2	4	3	17.5	70			
19/10/24 15:20	2	2	4	3	17.8	68			
19/10/24 15:25	2	3	5	3	17.5	69			
19/10/24 15:30	2	3	4	3	17.6	69			
19/10/24 15:35	1	2	3	3	17.5	70			
19/10/24 15:40	1	2	3	2	16.9	73			
19/10/24 15:45	1	2	3	2	16.6	74			
19/10/24 15:50	1	2	3	2	16.6	76			
19/10/24 15:55	1	2	3	2	16.9	74			
19/10/24 16:00	1	2	3	2	17.1	73			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/10/24 16:05	1	2	3	2	16.8	75			
19/10/24 16:10	1	1	2	2	16.8	75			
19/10/24 16:15	1	1	2	2	16.8	75			
19/10/24 16:20	1	3	4	2	16.8	76			
19/10/24 16:25	1	3	4	2	16.5	77			
19/10/24 16:30	2	3	5	2	16.3	77			
19/10/24 16:35	2	3	5	2	16.1	78			
19/10/24 16:40	3	4	7	2	15.9	79			
19/10/24 16:45	2	3	5	2	16.0	81			
19/10/24 16:50	2	6	9	2	16.0	81			
19/10/24 16:55	2	3	6	2	15.8	80			
19/10/24 17:00	2	3	5	2	15.8	81			
19/10/24 17:05	6	7	14	2	15.7	80			
19/10/24 17:10	4	4	8	2	15.8	81			
19/10/24 17:15	4	4	7	2	15.8	79			
19/10/24 17:20	4	5	9	1	15.8	78			
19/10/24 17:25	79	28	108	1	15.8	76			
19/10/24 17:30	20	12	31	2	15.9	75			
19/10/24 17:35	7	6	13	1	15.8	75			
19/10/24 17:40	12	6	17	1	15.9	75			
19/10/24 17:45	1	3	4	1	15.9	74			
19/10/24 17:50	0	1	1	1	15.8	75			
19/10/24 17:55	91	22	113	2	15.8	75			
19/10/24 18:00	20	19	39	1	15.9	76			
19/10/24 18:05	43	26	69	1	15.9	75			
19/10/24 18:10	6	9	15	1	15.9	74			
19/10/24 18:15	3	6	9	1	15.8	74			
19/10/24 18:20	2	7	9	1	15.8	76			
19/10/24 18:25	1	5	6	1	15.8	74			
19/10/24 18:30	1	3	4	1	15.7	73			
19/10/24 18:35	1	4	4	1	15.8	74			
19/10/24 18:40	1	4	4	1	15.8	74			
19/10/24 18:45	0	4	4	1	15.8	75			
19/10/24 18:50	0	2	2	1	15.7	74			
19/10/24 18:55	0	1	2	1	15.7	74			
19/10/24 19:00	0	1	1	1	15.8	73			
19/10/24 19:05	0	1	1	1	15.8	75			
19/10/24 19:10	0	1	1	1	15.7	73			
19/10/24 19:15	0	1	1	1	15.8	74			
19/10/24 19:20	0	1	1	1	15.7	75			
19/10/24 19:25	0	1	1	1	15.7	74			
19/10/24 19:30	0	1	1	1	15.8	75			
19/10/24 19:35	0	1	1	1	15.9	76			
19/10/24 19:40	2	11	13	0	15.8	74			
19/10/24 19:45	0	2	2	1	15.9	73			
19/10/24 19:50	0	1	1	0	15.8	72			
19/10/24 19:55	0	1	1	1	15.9	73			
19/10/24 20:00	0	1	1	1	16.0	73			
19/10/24 20:05	0	1	1	1	15.9	73			
19/10/24 20:10	0	1	1	1	16.0	73			
19/10/24 20:15	0	1	1	1	16.0	72			
19/10/24 20:20	0	0	1	1	16.1	73			
19/10/24 20:25	0	1	1	1	16.1	73			
19/10/24 20:30	0	1	1	1	16.0	73			
19/10/24 20:35	0	1	1	1	16.0	74			
19/10/24 20:40	0	1	1	1	16.1	76			
19/10/24 20:45	0	1	1	1	16.0	74			
19/10/24 20:50	0	1	1	1	16.0	73			
19/10/24 20:55	0	1	1	1	16.0	74			
19/10/24 21:00	0	1	1	0	16.0	76			
19/10/24 21:05	0	1	1	1	15.9	75			
19/10/24 21:10	0	1	1	1	15.9	76			
19/10/24 21:15	0	1	1	1	16.0	78			
19/10/24 21:20	0	1	1	1	15.9	76			
19/10/24 21:25	0	1	1	1	15.9	78			
19/10/24 21:30	0	1	1	1	15.9	79			
19/10/24 21:35	0	1	1	1	16.0	79			
19/10/24 21:40	0	1	1	1	15.8	79			
19/10/24 21:45	0	1	1	1	16.0	79			
19/10/24 21:50	0	1	1	1	15.8	78			
19/10/24 21:55	0	1	1	1	16.0	78			
19/10/24 22:00	0	1	1	1	16.0	78			
19/10/24 22:05	0	1	1	1	16.0	78			
19/10/24 22:10	0	1	1	1	16.0	78			
19/10/24 22:15	0	1	1	1	16.0	78			
19/10/24 22:20	0	1	1	1	15.9	76			
19/10/24 22:25	0	1	1	1	15.9	76			
19/10/24 22:30	0	1	1	1	15.8	76			
19/10/24 22:35	0	1	1	1	15.8	75			
19/10/24 22:40	0	1	1	1	15.9	75			
19/10/24 22:45	0	1	1	1	15.8	77			
19/10/24 22:50	0	2	2	1	15.7	77			
19/10/24 22:55	0	2	2	1	15.7	78			
19/10/24 23:00	0	2	2	1	15.7	77			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/10/24 23:05	0	2	2	1	15.6	78			
19/10/24 23:10	0	2	2	1	15.6	79			
19/10/24 23:15	0	2	2	1	15.5	80			
19/10/24 23:20	0	2	2	1	15.3	80			
19/10/24 23:25	0	3	2	1	15.4	81			
19/10/24 23:30	0	3	3	0	15.3	81			
19/10/24 23:35	0	2	2	0	15.4	83			
19/10/24 23:40	0	2	2	0	15.5	84			
19/10/24 23:45	0	2	2	1	15.3	84			
19/10/24 23:50	0	2	2		15.3	85			
19/10/24 23:55	0	1	1		15.4	85			
20/10/24 00:00	0	1	1	1	15.4	85			
20/10/24 00:05	0	1	1	1	15.4	85			
20/10/24 00:10	0	1	1	1	15.4	85			
20/10/24 00:15	0	1	1	2	15.4	84			
20/10/24 00:20	0	1	1	2	15.5	83			
20/10/24 00:25	0	1	1	2	15.5	84			
20/10/24 00:30	0	0	1	2	15.5	83			
20/10/24 00:35	0	0	0	2	15.4	83			
20/10/24 00:40	0	0	0	2	15.4	82			
20/10/24 00:45	0	0	0	2	15.4	83			
20/10/24 00:50	0	0	0	2	15.3	82			
20/10/24 00:55	0	0	0	2	15.3	82			
20/10/24 01:00	0	1	1	2	15.4	83			
20/10/24 01:05					15.4	82			
20/10/24 01:10					15.3	83			
20/10/24 01:15					15.3	81			
20/10/24 01:20					15.3	81			
20/10/24 01:25					15.4	82			
20/10/24 01:30					15.3	80			
20/10/24 01:35					15.3	79			
20/10/24 01:40					15.1	79			
20/10/24 01:45					15.1	79			
20/10/24 01:50					15.1	76			
20/10/24 01:55					15.1	76			
20/10/24 02:00					15.1	76			
20/10/24 02:05	0	1	1	2	15.1	76			
20/10/24 02:10	0	1	1	2	15.1	76			
20/10/24 02:15	0	1	1	2	15.1	77			
20/10/24 02:20	0	1	1	2	15.1	76			
20/10/24 02:25	0	1	1	2	15.1	74			
20/10/24 02:30	0	1	1	2	15.2	73			
20/10/24 02:35	0	1	1	2	15.2	73			
20/10/24 02:40	0	1	1	2	15.1	74			
20/10/24 02:45	0	1	1	2	15.0	74			
20/10/24 02:50	0	1	1	2	15.2	76			
20/10/24 02:55	0	1	1	2	15.2	76			
20/10/24 03:00	0	1	1	2	15.1	75			
20/10/24 03:05	0	0	1	2	15.2	76			
20/10/24 03:10	0	0	1	2	15.2	73			
20/10/24 03:15	0	1	1	2	15.2	73			
20/10/24 03:20	0	1	1	2	15.2	72			
20/10/24 03:25	0	0	1	2	15.2	73			
20/10/24 03:30	0	0	1	2	15.2	73			
20/10/24 03:35	0	0	1	2	15.2	74			
20/10/24 03:40	0	0	1	2	15.3	74			
20/10/24 03:45	0	1	1	2	15.2	74			
20/10/24 03:50	0	1	1	2	15.2	74			
20/10/24 03:55	0	1	1	2	15.1	75			
20/10/24 04:00	0	1	1	2	15.1	75			
20/10/24 04:05	0	1	1	2	15.1	75			
20/10/24 04:10	0	0	1	1	15.1	76			
20/10/24 04:15	0	1	1	2	15.1	75			
20/10/24 04:20	0	1	1	2	15.2	74			
20/10/24 04:25	0	1	1	2	15.3	74			
20/10/24 04:30	0	1	1	2	15.3	75			
20/10/24 04:35	0	1	1	2	15.3	75			
20/10/24 04:40	0	1	1	2	15.3	76			
20/10/24 04:45	0	1	1	2	15.3	76			
20/10/24 04:50	0	1	1	2	15.2	76			
20/10/24 04:55	0	1	1	2	15.3	77			
20/10/24 05:00	0	1	1	2	15.2	76			
20/10/24 05:05	0	1	1	2	15.3	75			
20/10/24 05:10	0	1	1	2	15.3	72			
20/10/24 05:15	0	1	1	2	15.4	73			
20/10/24 05:20	0	1	0	2	15.3	72			
20/10/24 05:25	0	1	0	2	15.2	74			
20/10/24 05:30	0	1	1	2	15.3	76			
20/10/24 05:35	0	0	1	2	15.2	76			
20/10/24 05:40	0	0	0	1	15.1	76			
20/10/24 05:45	0	0	0	1	15.0	78			
20/10/24 05:50	0	0	0	1	15.0	78			
20/10/24 05:55	0	0	0	1	15.0	79			
20/10/24 06:00	0	0	0	1	15.1	79			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/10/24 06:05	0	0	0	2	15.0	79			
20/10/24 06:10	0	0	0	2	15.2	80			
20/10/24 06:15	0	0	0	2	15.2	80			
20/10/24 06:20	0	0	0	2	15.2	79			
20/10/24 06:25	0	0	0	2	15.2	80			
20/10/24 06:30	0	0	0	2	15.1	81			
20/10/24 06:35	0	0	0	2	14.9	84			
20/10/24 06:40	0	0	0	2	14.8	85			
20/10/24 06:45	0	1	1	2	14.8	84			
20/10/24 06:50	0	1	1	2	15.0	84			
20/10/24 06:55	0	0	1	1	15.2	82			
20/10/24 07:00	0	1	1	1	15.3	81			
20/10/24 07:05	0	1	1	1	15.6	79			
20/10/24 07:10	0	1	1	2	15.8	79			
20/10/24 07:15	0	1	1	2	16.0	77			
20/10/24 07:20	0	1	1	2	16.0	77			
20/10/24 07:25	0	1	1	2	15.9	78			
20/10/24 07:30	0	1	1	2	15.6	78			
20/10/24 07:35	0	1	1	2	15.6	78			
20/10/24 07:40	0	1	1	2	15.7	77			
20/10/24 07:45	0	1	1	2	15.6	76			
20/10/24 07:50	0	1	1	2	16.0	75			
20/10/24 07:55	0	1	1	2	16.2	73			
20/10/24 08:00	0	1	2	2	16.2	74			
20/10/24 08:05	0	1	2	2	16.3	73			
20/10/24 08:10	0	1	2	2	16.3	74			
20/10/24 08:15	1	1	2	2	16.5	73			
20/10/24 08:20	1	1	2	2	16.7	73			
20/10/24 08:25	1	1	2	2	16.6	73			
20/10/24 08:30	0	1	2	2	16.8	72			
20/10/24 08:35	0	1	2	2	16.8	71			
20/10/24 08:40	0	1	1	2	16.5	72			
20/10/24 08:45	0	1	1	2	16.6	72			
20/10/24 08:50	0	1	1	2	17.0	70			
20/10/24 08:55	0	1	1	2	16.9	70			
20/10/24 09:00	0	1	1	2	16.8	70			
20/10/24 09:05	0	1	1	2	16.7	72			
20/10/24 09:10	0	1	1	2	16.6	73			
20/10/24 09:15	0	1	1	2	16.5	71			
20/10/24 09:20	0	1	1	2	16.3	74			
20/10/24 09:25	0	1	1	2	16.7	71			
20/10/24 09:30	0	1	1	2	16.7	73			
20/10/24 09:35	0	1	1	2	17.3	70			
20/10/24 09:40	0	1	1	2	17.5	69			
20/10/24 09:45	0	1	1	2	17.3	69			
20/10/24 09:50	0	1	1	2	16.6	72			
20/10/24 09:55	0	0	1	2	16.2	74			
20/10/24 10:00	0	0	1	2	16.3	73			
20/10/24 10:05	0	0	1	2	16.3	74			
20/10/24 10:10	0	1	1	2	16.4	74			
20/10/24 10:15	0	1	2	2	16.3	74			
20/10/24 10:20	0	1	1	2	16.1	75			
20/10/24 10:25	0	1	1	2	16.0	76			
20/10/24 10:30	0	1	2	2	16.1	77			
20/10/24 10:35	0	1	2	2	16.2	76			
20/10/24 10:40	0	1	1	2	16.1	77			
20/10/24 10:45	1	1	2	2	16.1	78			
20/10/24 10:50	0	1	1	2	16.1	77			
20/10/24 10:55	0	1	1	2	16.0	77			
20/10/24 11:00	0	1	1	2	16.1	77			
20/10/24 11:05	0	1	1	2	16.1	78			
20/10/24 11:10	0	1	2	2	16.0	78			
20/10/24 11:15	0	1	1	2	16.2	78			
20/10/24 11:20	0	1	1	2	16.2	77			
20/10/24 11:25	1	1	1	2	16.3	77			
20/10/24 11:30	1	1	2	2	16.3	76			
20/10/24 11:35	1	1	2	2	16.3	77			
20/10/24 11:40	0	1	1	2	16.4	77			
20/10/24 11:45	0	1	1	2	16.3	76			
20/10/24 11:50	0	1	1	2	16.3	77			
20/10/24 11:55	0	1	1	2	16.3	78			
20/10/24 12:00	0	1	1	2	16.4	78			
20/10/24 12:05	0	1	1	2	16.4	78			
20/10/24 12:10	1	1	2	2	16.4	79			
20/10/24 12:15	1	1	2	2	16.5	79			
20/10/24 12:20	1	1	2	2	16.6	78			
20/10/24 12:25	1	1	2	2	16.6	79			
20/10/24 12:30	1	1	2	2	16.7	77			
20/10/24 12:35	0	1	1	2	16.5	77			
20/10/24 12:40	0	1	1	2	16.6	78			
20/10/24 12:45	0	1	1	2	16.6	79			
20/10/24 12:50	0	1	1	2	16.7	77			
20/10/24 12:55	0	1	1	1	16.7	78			
20/10/24 13:00	0	1	1	2	16.7	80			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/10/24 13:05	0	1	1	2	16.8	79			
20/10/24 13:10	0	1	1	2	16.9	77			
20/10/24 13:15	0	1	1	2	17.0	79			
20/10/24 13:20	0	1	1	2	17.0	79			
20/10/24 13:25	0	1	1	2	16.9	80			
20/10/24 13:30	0	1	1	2	17.1	78			
20/10/24 13:35	0	0	1	2	17.0	79			
20/10/24 13:40	0	1	1	2	17.2	78			
20/10/24 13:45	0	1	1	2	17.2	76			
20/10/24 13:50	0	1	1	2	17.0	78			
20/10/24 13:55	0	1	1	2	17.0	77			
20/10/24 14:00	0	1	1	2	17.2	76			
20/10/24 14:05	0	1	1	2	17.0	77			
20/10/24 14:10	0	1	1	2	17.2	76			
20/10/24 14:15	0	1	1	2	17.3	79			
20/10/24 14:20	0	1	1	2	17.2	78			
20/10/24 14:25	0	1	1	2	17.0	80			
20/10/24 14:30	0	1	1	2	16.9	80			
20/10/24 14:35	1	7	8	2	17.0	78			
20/10/24 14:40	3	10	14	2	17.2	79			
20/10/24 14:45	4	8	12	2	17.3	78			
20/10/24 14:50	7	14	21	2	17.1	79			
20/10/24 14:55	6	5	10	2	17.4	76			
20/10/24 15:00	5	7	12	2	17.5	78			
20/10/24 15:05	12	7	19	2	17.5	78			
20/10/24 15:10	4	5	10	2	17.6	76			
20/10/24 15:15	6	9	15	2	17.6	76			
20/10/24 15:20	6	7	13	2	17.6	75			
20/10/24 15:25	1	1	2	2	17.5	76			
20/10/24 15:30	1	1	2	2	17.6	77			
20/10/24 15:35	1	1	2	2	17.6	78			
20/10/24 15:40	0	1	1	2	17.6	76			
20/10/24 15:45	0	1	1	2	17.7	77			
20/10/24 15:50	1	1	2	2	17.7	77			
20/10/24 15:55	1	2	3	2	17.8	76			
20/10/24 16:00	1	1	2	2	17.9	74			
20/10/24 16:05	1	1	2	2	17.8	75			
20/10/24 16:10	1	1	2	2	17.9	75			
20/10/24 16:15	1	1	1	2	17.9	74			
20/10/24 16:20	1	1	1	2	17.7	76			
20/10/24 16:25	0	1	1	2	17.6	75			
20/10/24 16:30	0	1	1	2	17.6	76			
20/10/24 16:35	0	1	1	2	17.5	76			
20/10/24 16:40	0	1	1	2	17.4	77			
20/10/24 16:45	0	1	1	2	17.4	79			
20/10/24 16:50	0	1	1	2	17.5	79			
20/10/24 16:55	0	0	1	2	17.7	77			
20/10/24 17:00	0	0	1	2	17.9	76			
20/10/24 17:05	0	1	1	2	17.8	76			
20/10/24 17:10	0	1	1	2	17.7	76			
20/10/24 17:15	6	22	29	2	17.8	75			
20/10/24 17:20	2	3	5	2	17.9	75			
20/10/24 17:25	1	2	2	2	17.9	76			
20/10/24 17:30	0	1	2	2	17.9	74			
20/10/24 17:35	1	1	2	2	17.9	74			
20/10/24 17:40	1	1	2	2	17.9	75			
20/10/24 17:45	0	1	2	2	17.7	75			
20/10/24 17:50	0	1	1	2	17.6	77			
20/10/24 17:55	0	1	1	2	17.5	77			
20/10/24 18:00	0	1	2	2	17.5	77			
20/10/24 18:05	0	2	2	2	17.4	78			
20/10/24 18:10	0	2	2	2	17.4	78			
20/10/24 18:15	0	2	2	2	17.2	79			
20/10/24 18:20	0	2	2	2	17.2	79			
20/10/24 18:25	0	1	2	2	17.1	79			
20/10/24 18:30	0	1	1	2	16.9	80			
20/10/24 18:35	0	1	1	2	16.8	80			
20/10/24 18:40	0	1	1	2	16.7	81			
20/10/24 18:45	0	1	1	2	16.6	81			
20/10/24 18:50	0	1	1	2	16.6	81			
20/10/24 18:55	0	1	1	2	16.5	82			
20/10/24 19:00	0	1	1	2	16.6	83			
20/10/24 19:05	0	1	2	2	16.5	83			
20/10/24 19:10	2	17	19	2	16.4	83			
20/10/24 19:15	21	23	44	2	16.4	83			
20/10/24 19:20	23	21	45	2	16.4	84			
20/10/24 19:25	25	21	46	2	16.4	84			
20/10/24 19:30	4	14	18	2	16.4	85			
20/10/24 19:35	1	8	10	2	16.4	85			
20/10/24 19:40	0	4	5	2	16.4	85			
20/10/24 19:45	0	3	4	2	16.5	85			
20/10/24 19:50	0	2	3	2	16.5	85			
20/10/24 19:55	0	2	2	2	16.6	86			
20/10/24 20:00	0	2	2	2	16.5	86			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/10/24 20:05	0	2	2	2	16.4	85			
20/10/24 20:10	0	2	2	2	16.4	85			
20/10/24 20:15	0	2	2	2	16.4	84			
20/10/24 20:20	0	2	2	2	16.4	81			
20/10/24 20:25	0	2	2	2	16.4	78			
20/10/24 20:30	0	1	2	2	16.3	76			
20/10/24 20:35	0	1	1	2	16.3	77			
20/10/24 20:40	0	1	1	2	16.2	79			
20/10/24 20:45	0	1	1	2	16.3	80			
20/10/24 20:50	0	1	1	2	16.2	81			
20/10/24 20:55	0	1	1	2	16.2	82			
20/10/24 21:00	0	1	1	2	16.0	83			
20/10/24 21:05	0	1	1	2	16.0	84			
20/10/24 21:10	0	1	1	2	15.9	84			
20/10/24 21:15	0	1	1	2	15.8	84			
20/10/24 21:20	0	1	1	2	15.7	84			
20/10/24 21:25	0	1	1	2	15.8	84			
20/10/24 21:30	0	1	2	2	15.7	84			
20/10/24 21:35	0	1	2	2	15.7	84			
20/10/24 21:40	0	1	1	2	15.7	84			
20/10/24 21:45	0	1	2	2	15.6	84			
20/10/24 21:50	0	1	1	2	15.6	85			
20/10/24 21:55	0	2	2	2	15.6	85			
20/10/24 22:00	0	2	2	2	15.5	85			
20/10/24 22:05	0	2	2	2	15.4	85			
20/10/24 22:10	0	2	2	2	15.3	86			
20/10/24 22:15	0	3	3	2	15.2	86			
20/10/24 22:20	0	3	3	2	15.2	87			
20/10/24 22:25	0	3	3	2	15.1	87			
20/10/24 22:30	0	4	4	2	15.1	87			
20/10/24 22:35	0	4	3	2	14.9	86			
20/10/24 22:40	0	3	3	2	15.0	87			
20/10/24 22:45	0	3	3	2	14.9	86			
20/10/24 22:50	0	3	3	2	14.9	86			
20/10/24 22:55	0	3	3	2	14.9	86			
20/10/24 23:00	0	3	3	2	14.8	86			
20/10/24 23:05	0	3	3	2	14.8	86			
20/10/24 23:10	0	3	3	3	14.7	87			
20/10/24 23:15	0	3	3	3	14.8	87			
20/10/24 23:20	0	3	3	2	14.7	87			
20/10/24 23:25	0	3	2	2	14.7	87			
20/10/24 23:30	0	2	2	2	14.7	86			
20/10/24 23:35	0	2	2	2	14.7	86			
20/10/24 23:40	0	2	2	2	14.7	86			
20/10/24 23:45	0	2	2	2	14.5	86			
20/10/24 23:50	0	2	2		14.6	86			
20/10/24 23:55	0	2	2		14.6	86			
21/10/24 00:00	0	2	2	2	14.6	86			
21/10/24 00:05	0	2	2	2	14.6	85			
21/10/24 00:10	0	2	1	2	14.6	84			
21/10/24 00:15	0	2	1	2	14.6	84			
21/10/24 00:20	0	2	1	2	14.8	85			
21/10/24 00:25	0	1	1	2	14.8	85			
21/10/24 00:30	0	1	1	2	14.9	86			
21/10/24 00:35	0	1	1	2	14.9	85			
21/10/24 00:40	0	1	1	2	15.0	85			
21/10/24 00:45	0	1	1	2	15.0	84			
21/10/24 00:50	0	1	1	2	15.0	83			
21/10/24 00:55	0	1	1	2	15.0	82			
21/10/24 01:00	0	1	1	2	15.0	83			
21/10/24 01:05					15.0	82			
21/10/24 01:10					15.1	82			
21/10/24 01:15					15.0	83			
21/10/24 01:20					15.0	84			
21/10/24 01:25					15.0	84			
21/10/24 01:30					15.2	85			
21/10/24 01:35					15.1	84			
21/10/24 01:40					15.0	84			
21/10/24 01:45					14.9	84			
21/10/24 01:50					15.0	85			
21/10/24 01:55					15.1	86			
21/10/24 02:00					15.1	85			
21/10/24 02:05	0	1	1	2	15.3	85			
21/10/24 02:10	0	1	1	2	15.1	85			
21/10/24 02:15	0	1	1	2	15.1	83			
21/10/24 02:20	0	1	1	2	15.1	80			
21/10/24 02:25	0	1	2	2	15.0	79			
21/10/24 02:30	0	1	2	2	15.1	81			
21/10/24 02:35	0	2	2	2	14.8	80			
21/10/24 02:40	0	2	2	2	14.6	79			
21/10/24 02:45	0	2	2	2	14.5	79			
21/10/24 02:50	0	2	2	2	14.4	79			
21/10/24 02:55	0	2	2	2	14.4	79			
21/10/24 03:00	0	3	3	2	14.3	79			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/10/24 03:05	0	3	4	2	14.3	79			
21/10/24 03:10	0	4	4	2	14.3	79			
21/10/24 03:15	0	5	5	2	14.2	79			
21/10/24 03:20	0	6	6	2	14.1	80			
21/10/24 03:25	0	6	6	2	14.1	81			
21/10/24 03:30	0	7	7	2	14.0	81			
21/10/24 03:35	0	7	7	2	13.9	81			
21/10/24 03:40	0	6	6	2	13.6	81			
21/10/24 03:45	0	6	6	2	13.5	82			
21/10/24 03:50	0	6	6	2	13.2	82			
21/10/24 03:55	0	5	5	2	13.2	83			
21/10/24 04:00	0	5	5	2	13.1	83			
21/10/24 04:05	0	5	5	2	13.0	83			
21/10/24 04:10	0	5	5	2	12.9	84			
21/10/24 04:15	0	4	4	2	12.8	84			
21/10/24 04:20	0	4	4	2	12.7	84			
21/10/24 04:25	0	4	4	2	12.7	85			
21/10/24 04:30	0	4	4	2	12.6	85			
21/10/24 04:35	0	4	4	2	12.5	85			
21/10/24 04:40	0	4	4	2	12.4	86			
21/10/24 04:45	0	4	4	2	12.5	87			
21/10/24 04:50	0	4	4	2	12.5	87			
21/10/24 04:55	0	4	4	2	12.5	87			
21/10/24 05:00	0	4	4	2	12.5	86			
21/10/24 05:05	0	5	5	2	12.3	86			
21/10/24 05:10	0	6	6	2	12.2	87			
21/10/24 05:15	0	7	7	2	12.3	87			
21/10/24 05:20	0	8	8	2	12.2	87			
21/10/24 05:25	1	9	9	2	12.1	88			
21/10/24 05:30	1	9	10	2	12.0	87			
21/10/24 05:35	1	10	11	2	11.9	88			
21/10/24 05:40	1	11	13	2	11.9	88			
21/10/24 05:45	2	12	14	2	11.9	88			
21/10/24 05:50	3	13	16	2	11.9	88			
21/10/24 05:55	3	14	18	2	12.0	88			
21/10/24 06:00	5	16	21	2	12.1	88			
21/10/24 06:05	8	16	24	2	12.2	88			
21/10/24 06:10	11	15	26	2	12.4	87			
21/10/24 06:15	12	15	26	2	12.5	86			
21/10/24 06:20	12	14	26	2	12.6	86			
21/10/24 06:25	18	14	32	2	12.7	85			
21/10/24 06:30	13	14	27	2	12.8	85			
21/10/24 06:35	14	13	27	2	12.9	84			
21/10/24 06:40	15	13	28	2	13.1	84			
21/10/24 06:45	15	14	29	2	13.3	83			
21/10/24 06:50	17	14	32	2	13.6	82			
21/10/24 06:55	22	15	38	2	13.9	80			
21/10/24 07:00	24	16	41	2	14.2	79			
21/10/24 07:05	27	16	42	2	14.2	79			
21/10/24 07:10	26	15	41	2	14.2	78			
21/10/24 07:15	25	16	41	3	14.3	79			
21/10/24 07:20	24	17	40	3	14.1	80			
21/10/24 07:25	23	16	39	2	14.0	80			
21/10/24 07:30	29	14	43	2	14.2	80			
21/10/24 07:35	42	15	57	3	14.1	80			
21/10/24 07:40	38	17	55	3	14.5	78			
21/10/24 07:45	32	17	49	3	14.4	78			
21/10/24 07:50	28	17	45	3	14.5	78			
21/10/24 07:55	23	15	37	3	14.7	76			
21/10/24 08:00	19	13	32	3	14.9	75			
21/10/24 08:05	18	13	31	3	15.3	74			
21/10/24 08:10	20	13	32	3	15.4	74			
21/10/24 08:15	26	15	41	3	15.5	73			
21/10/24 08:20	25	17	42	3	15.4	74			
21/10/24 08:25	21	15	36	3	15.4	74			
21/10/24 08:30	19	14	33	3	15.6	74			
21/10/24 08:35	19	14	33	3	15.7	73			
21/10/24 08:40	19	14	33	3	16.0	72			
21/10/24 08:45	19	13	32	3	16.4	70			
21/10/24 08:50	19	13	33	3	16.4	70			
21/10/24 08:55	20	14	33	3	16.3	70			
21/10/24 09:00	20	14	34	3	16.3	70			
21/10/24 09:05	19	14	33	3	16.9	68			
21/10/24 09:10	19	14	33	3	17.7	65			
21/10/24 09:15	19	14	33	3	17.7	64			
21/10/24 09:20	18	14	32	3	17.8	64			
21/10/24 09:25	18	14	32	3	17.5	67			
21/10/24 09:30	19	14	32	3	17.9	64			
21/10/24 09:35	19	14	33	3	18.1	64			
21/10/24 09:40	19	14	33	3	18.3	63			
21/10/24 09:45	19	14	33	3	18.2	63			
21/10/24 09:50	19	14	33	3	18.3	65			
21/10/24 09:55	19	14	33	3	17.5	69			
21/10/24 10:00	18	14	33	3	17.2	72			

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/10/24 10:05	18	14	33	3	16.9	73			
21/10/24 10:10	19	14	33	3	16.7	74			
21/10/24 10:15	18	14	33	3	16.9	75			
21/10/24 10:20	18	15	33	3	17.6	72			
21/10/24 10:25	18	15	33	3	18.1	70			
21/10/24 10:30	18	15	33	3	18.5	67			
21/10/24 10:35	18	15	33	3	18.9	66			
21/10/24 10:40	17	15	32	3	19.4	64			
21/10/24 10:45	17	15	32	3	19.4	63			
21/10/24 10:50	17	15	31	3	19.6	64			
21/10/24 10:55	16	15	31	3	19.8	64			
21/10/24 11:00	16	15	31	3	19.3	65			
21/10/24 11:05	16	15	31	3	19.3	66			
21/10/24 11:10	16	15	31	3	19.2	66			
21/10/24 11:15	16	14	30	3	19.2	66			
21/10/24 11:20	15	14	29	3	19.3	67			
21/10/24 11:25	14	13	27	3	19.2	66			
21/10/24 11:30	12	12	25	3	19.3	67			
21/10/24 11:35	10	10	20	3	19.3	67			
21/10/24 11:40	9	9	17	3	19.5	68			
21/10/24 11:45	7	9	16	3	19.5	66			
21/10/24 11:50	7	9	16	3	19.5	68			
21/10/24 11:55	6	9	16	3	19.3	69			
21/10/24 12:00	6	9	15	3	18.8	70			
21/10/24 12:05	6	9	14	3	18.1	74			
21/10/24 12:10	6	8	14	3	18.3	73			
21/10/24 12:15	6	8	14	3	18.4	73			
21/10/24 12:20	6	8	14	3	18.6	74			
21/10/24 12:25	6	8	14	3	19.4	70			
21/10/24 12:30	5	8	14	3	19.9	67			
21/10/24 12:35	5	9	14	3	20.3	66			
21/10/24 12:40	5	9	14	3	20.7	64			
21/10/24 12:45	5	9	13	3	20.8	64			
21/10/24 12:50	5	9	13	3	21.1	63			
21/10/24 12:55	5	9	14	2	21.0	63			
21/10/24 13:00	5	10	15	2	21.2	62			
21/10/24 13:05	5	10	15	2	21.0	62			
21/10/24 13:10	5	10	15	2	21.2	62			
21/10/24 13:15	5	10	15	2	21.4	62			
21/10/24 13:20	5	10	15	3	21.5	61			
21/10/24 13:25	4	10	14	2	21.7	61			
21/10/24 13:30	4	9	13	2	22.1	61			
21/10/24 13:35	4	9	13	2	22.2	60			
21/10/24 13:40	3	9	12	3	22.5	60			
21/10/24 13:45	3	9	12	3	22.8	58			
21/10/24 13:50	3	9	12	3	22.9	59			
21/10/24 13:55	3	9	12	3	22.8	58			
21/10/24 14:00	3	9	12	2	23.0	58			
21/10/24 14:05	4	9	12	2	23.4	56			
21/10/24 14:10	4	9	13	3	23.2	57			
21/10/24 14:15	3	6	9	3	23.0	58			
21/10/24 14:20	3	5	8	3	23.2	57			
21/10/24 14:25	3	5	8	3	23.5	56			
21/10/24 14:30	3	6	8	3	23.5	56			
21/10/24 14:35	2	5	7	3	23.1	57			
21/10/24 14:40	2	5	7	3	23.0	58			
21/10/24 14:45	2	5	7	2	22.9	60			
21/10/24 14:50	2	5	7	2	22.7	60			
21/10/24 14:55	2	5	6	3	22.5	60			
21/10/24 15:00	2	5	6	2	22.4	62			
21/10/24 15:05	2	5	6	2	22.5	63			
21/10/24 15:10	1	5	6	2	22.6	63			
21/10/24 15:15	1	5	6	2	22.8	63			
21/10/24 15:20	1	5	6	2	23.0	62			
21/10/24 15:25	2	7	9	2	23.1	62			
21/10/24 15:30	3	10	13	2	23.0	63			
21/10/24 15:35	2	4	6	2	22.9	65			
21/10/24 15:40	1	3	4	2	23.0	65			
21/10/24 15:45	1	3	4	2	23.2	62			
21/10/24 15:50	1	3	4	2	23.3	64			
21/10/24 15:55	1	4	5	2	23.1	65			
21/10/24 16:00	1	4	5	2	23.3	65			
21/10/24 16:05	1	4	5	2	23.3	65			
21/10/24 16:10	1	4	5	2	23.3	65			
21/10/24 16:15	1	4	5	3	23.3	65			
21/10/24 16:20	1	4	5	2	23.2	66			
21/10/24 16:25	1	4	5	2	23.1	65			
21/10/24 16:30	1	4	5	2	23.2	65			
21/10/24 16:35	1	4	5	2	23.6	63			
21/10/24 16:40	1	4	5	2	23.9	63			
21/10/24 16:45	1	4	5	2	24.1	62			
21/10/24 16:50	1	4	5	2	23.6	64			
21/10/24 16:55	1	4	5	2	23.5	64			
21/10/24 17:00	1	4	5	2	23.5	64			

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/10/24 17:05	1	4	5	2	23.3	65			
21/10/24 17:10	0	5	5	2	23.4	65			
21/10/24 17:15	1	4	5	2	23.7	64			
21/10/24 17:20	1	4	5	2	24.4	61			
21/10/24 17:25	1	4	5	2	24.6	60			
21/10/24 17:30	1	4	5	2	24.7	60			
21/10/24 17:35	1	4	5	2	25.0	59			
21/10/24 17:40	1	5	5	2	24.8	59			
21/10/24 17:45	1	5	5	2	24.3	62			
21/10/24 17:50	1	5	5	2	24.2	62			
21/10/24 17:55	0	5	5	3	24.0	63			
21/10/24 18:00	1	5	5	3	24.4	61			
21/10/24 18:05	1	5	6	2	24.6	59			
21/10/24 18:10	1	5	6	3	24.7	59			
21/10/24 18:15	1	6	6	3	24.8	59			
21/10/24 18:20	1	6	6	3	24.7	60			
21/10/24 18:25	1	6	6	3	24.8	59			
21/10/24 18:30	1	6	7	2	24.5	61			
21/10/24 18:35	1	7	7	2	24.4	64			
21/10/24 18:40	0	8	8	2	24.2	64			
21/10/24 18:45	0	8	9	2	24.0	66			
21/10/24 18:50	0	9	9	3	23.8	64			
21/10/24 18:55	0	9	9	3	24.0	62			
21/10/24 19:00	0	9	10	2	23.8	64			
21/10/24 19:05	0	10	10	2	24.2	60			
21/10/24 19:10	0	10	10	2	23.8	66			
21/10/24 19:15	0	10	10	3	23.5	66			
21/10/24 19:20	0	10	10	3	23.4	65			
21/10/24 19:25	0	10	10	3	23.1	68			
21/10/24 19:30	0	10	10	3	23.1	68			
21/10/24 19:35	0	9	9	3	22.8	69			
21/10/24 19:40	0	9	9	3	22.7	71			
21/10/24 19:45	0	9	9	2	22.5	69			
21/10/24 19:50	0	10	10	2	22.8	66			
21/10/24 19:55	0	10	10	2	22.8	64			
21/10/24 20:00	0	11	11	2	22.9	64			
21/10/24 20:05	0	11	11	2	22.8	64			
21/10/24 20:10	0	12	12	3	22.7	63			
21/10/24 20:15	0	12	13	2	22.7	63			
21/10/24 20:20	0	13	13	2	22.7	63			
21/10/24 20:25	0	13	13	2	22.6	63			
21/10/24 20:30	0	13	14	2	22.8	63			
21/10/24 20:35	0	13	13	2	22.7	63			
21/10/24 20:40	0	13	13	2	22.6	63			
21/10/24 20:45	0	13	14	2	22.4	64			
21/10/24 20:50	0	13	14	2	22.3	64			
21/10/24 20:55	0	14	14	2	22.4	63			
21/10/24 21:00	1	15	15	2	22.4	63			
21/10/24 21:05	1	15	16	2	22.4	63			
21/10/24 21:10	1	16	17	2	22.2	64			
21/10/24 21:15	1	18	20	2	22.1	65			
21/10/24 21:20	2	22	24	2	21.8	66			
21/10/24 21:25	3	23	26	2	21.7	67			
21/10/24 21:30	4	23	27	2	21.6	67			
21/10/24 21:35	9	21	30	2	21.6	67			
21/10/24 21:40	13	22	36	2	21.6	67			
21/10/24 21:45	13	23	36	2	21.4	67			
21/10/24 21:50	12	23	35	2	21.5	67			
21/10/24 21:55	11	23	34	2	21.5	67			
21/10/24 22:00	11	23	34	2	21.4	67			
21/10/24 22:05	10	23	33	2	21.3	67			
21/10/24 22:10	8	23	32	2	21.3	67			
21/10/24 22:15	7	22	30	2	21.3	66			
21/10/24 22:20	5	18	23	2	21.3	65			
21/10/24 22:25	3	19	22	2	21.3	65			
21/10/24 22:30	2	19	21	2	21.3	65			
21/10/24 22:35	2	18	20	2	21.1	65			
21/10/24 22:40	2	18	20	2	20.9	65			
21/10/24 22:45	2	19	20	2	20.8	65			
21/10/24 22:50	2	20	21	2	20.8	66			
21/10/24 22:55	2	21	23	2	20.6	66			
21/10/24 23:00	2	21	23	2	20.5	68			
21/10/24 23:05	2	22	24	2	20.7	68			
21/10/24 23:10	15	13	27	2	20.7	69			
21/10/24 23:15	24	24	48	2	20.5	73			
21/10/24 23:20	36	23	59	3	20.5	76			
21/10/24 23:25	42	22	64	3	20.4	75			
21/10/24 23:30	47	27	74	3	20.0	73			
21/10/24 23:35	52	27	79	3	19.9	73			
21/10/24 23:40	51	26	77	3	19.8	74			
21/10/24 23:45	46	25	71	3	19.8	73			
21/10/24 23:50	38	26	65		19.7	72			
21/10/24 23:55	57	24	81		19.7	70			
22/10/24 00:00	12	28	39	3	19.7	70			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/10/24 00:05	8	23	31	3	19.6	70			
22/10/24 00:10	16	22	38	3	19.5	71			
22/10/24 00:15	12	23	35	2	19.5	70			
22/10/24 00:20	3	19	22	2	19.4	70			
22/10/24 00:25	0	19	19	2	19.4	70			
22/10/24 00:30	1	18	19	2	19.3	71			
22/10/24 00:35	3	18	21	2	19.2	71			
22/10/24 00:40	1	17	18	2	19.1	72			
22/10/24 00:45	1	16	17	2	19.1	72			
22/10/24 00:50	2	17	18	3	19.0	72			
22/10/24 00:55	2	16	18	3	18.9	73			
22/10/24 01:00	2	16	18	2	18.8	73			
22/10/24 01:05					18.8	74			
22/10/24 01:10					18.6	74			
22/10/24 01:15					18.5	74			
22/10/24 01:20					18.5	73			
22/10/24 01:25					18.5	73			
22/10/24 01:30					18.5	73			
22/10/24 01:35					18.5	73			
22/10/24 01:40					18.5	72			
22/10/24 01:45					18.6	72			
22/10/24 01:50					18.5	72			
22/10/24 01:55					18.5	72			
22/10/24 02:00					18.6	71			
22/10/24 02:05	0	10	11	2	18.6	71			
22/10/24 02:10	0	11	11	2	18.7	70			
22/10/24 02:15	0	11	11	2	18.8	69			
22/10/24 02:20	0	11	11	2	18.9	68			
22/10/24 02:25	0	11	12	2	19.2	65			
22/10/24 02:30	0	12	12	2	19.4	63			
22/10/24 02:35	0	12	12	2	19.6	63			
22/10/24 02:40	0	12	12	2	19.6	63			
22/10/24 02:45	0	12	12	2	19.6	63			
22/10/24 02:50	0	12	12	2	19.5	62			
22/10/24 02:55	0	12	13	2	19.6	62			
22/10/24 03:00	1	12	13	3	19.6	62			
22/10/24 03:05	1	12	13	2	19.6	62			
22/10/24 03:10	0	12	13	2	19.7	61			
22/10/24 03:15	0	12	13	2	19.8	61			
22/10/24 03:20	0	13	13	2	19.9	60			
22/10/24 03:25	0	12	13	2	20.1	59			
22/10/24 03:30	0	12	12	2	20.3	58			
22/10/24 03:35	0	11	12	2	20.3	58			
22/10/24 03:40	0	11	11	2	20.5	57			
22/10/24 03:45	0	11	11	2	20.5	57			
22/10/24 03:50	0	10	10	2	20.6	57			
22/10/24 03:55	0	10	10	2	20.6	57			
22/10/24 04:00	0	10	10	2	20.5	57			
22/10/24 04:05	0	9	10	2	20.4	57			
22/10/24 04:10	0	9	9	2	20.6	56			
22/10/24 04:15	0	9	9	2	20.6	56			
22/10/24 04:20	0	9	9	2	20.7	55			
22/10/24 04:25	0	9	9	2	20.7	55			
22/10/24 04:30	1	10	10	1	20.6	56			
22/10/24 04:35	1	10	11	1	20.5	56			
22/10/24 04:40	1	10	10	1	20.5	56			
22/10/24 04:45	0	10	11	1	20.4	57			
22/10/24 04:50	0	11	11	1	20.3	57			
22/10/24 04:55	0	12	12	1	20.2	58			
22/10/24 05:00	0	13	13	1	20.1	58			
22/10/24 05:05	0	13	13	1	20.1	58			
22/10/24 05:10	0	14	14	1	20.1	58			
22/10/24 05:15	0	14	14	1	20.1	58			
22/10/24 05:20	0	14	14	1	20.0	58			
22/10/24 05:25	0	14	15	1	19.9	59			
22/10/24 05:30	0	15	15	1	19.9	59			
22/10/24 05:35	1	15	16	1	19.9	58			
22/10/24 05:40	1	15	16	1	20.0	58			
22/10/24 05:45	1	15	15	1	20.1	57			
22/10/24 05:50	1	15	15	1	20.3	56			
22/10/24 05:55	1	15	16	1	20.3	56			
22/10/24 06:00	1	15	16	1	20.4	56			
22/10/24 06:05	1	15	16	1	20.4	56			
22/10/24 06:10	1	15	16	1	20.4	55			
22/10/24 06:15	1	15	16	1	20.4	56			
22/10/24 06:20	2	16	17	1	20.5	56			
22/10/24 06:25	3	18	21	1	20.5	56			
22/10/24 06:30	4	27	31	1	20.6	55			
22/10/24 06:35	6	26	32	1	20.7	55			
22/10/24 06:40	7	25	32	1	20.8	54			
22/10/24 06:45	7	23	30	1	21.1	53			
22/10/24 06:50	7	23	30	1	21.3	52			
22/10/24 06:55	8	22	30	1	21.4	52			
22/10/24 07:00	8	22	30	1	21.5	52			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/10/24 07:05	8	22	30	1	21.5	52			
22/10/24 07:10	8	22	29	1	21.6	52			
22/10/24 07:15	8	21	29	1	21.6	52			
22/10/24 07:20	8	21	29	1	21.8	51			
22/10/24 07:25	8	21	29	1	21.9	50			
22/10/24 07:30	8	21	29	1	22.0	50			
22/10/24 07:35	8	20	28	1	22.3	49			
22/10/24 07:40	8	19	27	1	22.7	48			
22/10/24 07:45	8	19	26	1	22.9	47			
22/10/24 07:50	7	18	25	1	23.1	46			
22/10/24 07:55	7	17	23	2	23.5	45			
22/10/24 08:00	6	16	22	1	23.7	44			
22/10/24 08:05	5	16	21	1	23.7	44			
22/10/24 08:10	5	15	20	1	23.7	44			
22/10/24 08:15	5	14	19	1	23.9	43			
22/10/24 08:20	5	14	18	1	24.3	42			
22/10/24 08:25	4	13	18	1	24.4	42			
22/10/24 08:30	4	13	17	1	24.4	42			
22/10/24 08:35	4	13	18	1	24.5	42			
22/10/24 08:40	4	13	18	1	24.6	42			
22/10/24 08:45	4	14	18	1	24.4	43			
22/10/24 08:50	5	14	19	1	24.6	42			
22/10/24 08:55	5	14	18	1	24.9	41			
22/10/24 09:00	5	14	19	1	24.9	42			
22/10/24 09:05	5	14	18	1	24.9	41			
22/10/24 09:10	4	13	18	1	24.7	42			
22/10/24 09:15	4	13	17	1	24.7	42			
22/10/24 09:20	4	13	17	1	24.7	42			
22/10/24 09:25	4	13	17	1	24.8	42			
22/10/24 09:30	4	13	17	1	24.8	41			
22/10/24 09:35	4	12	16	1	24.9	41			
22/10/24 09:40	4	12	15	1	24.9	41			
22/10/24 09:45	4	11	15	1	25.1	41			
22/10/24 09:50	4	12	16	1	25.3	40			
22/10/24 09:55	4	12	16	1	25.8	40			
22/10/24 10:00	4	12	16	1	25.7	40			
22/10/24 10:05	4	12	16	1	25.8	40			
22/10/24 10:10	4	11	15	1	25.5	40			
22/10/24 10:15	4	11	14	1	25.6	40			
22/10/24 10:20	4	11	14	1	25.7	40			
22/10/24 10:25	4	11	14	1	25.9	40			
22/10/24 10:30	4	11	14	1	25.9	40			
22/10/24 10:35	4	11	15	1	26.2	39			
22/10/24 10:40	4	11	15	1	26.4	39			
22/10/24 10:45	4	11	15	1	26.4	39			
22/10/24 10:50	4	11	15	1	26.3	39			
22/10/24 10:55	4	11	15	1	26.5	39			
22/10/24 11:00	4	11	15	1	26.8	39			
22/10/24 11:05	4	10	14	1	27.2	39			
22/10/24 11:10	4	10	14	1	26.9	38			
22/10/24 11:15	4	10	14	1	26.9	39			
22/10/24 11:20	4	10	14	1	27.3	38			
22/10/24 11:25	4	10	14	1	27.6	38			
22/10/24 11:30	4	10	13	1	27.9	37			
22/10/24 11:35	3	10	13	1	28.1	36			
22/10/24 11:40	3	9	12	1	28.5	36			
22/10/24 11:45	3	9	13	1	28.7	34			
22/10/24 11:50	3	9	12	1	28.8	33			
22/10/24 11:55	3	9	11	1	29.1	33			
22/10/24 12:00	3	8	11	1	29.0	34			
22/10/24 12:05	2	8	10	1	29.1	34			
22/10/24 12:10	2	7	9	1	29.1	34			
22/10/24 12:15	2	7	9	1	29.3	34			
22/10/24 12:20	2	7	10	1	29.4	34			
22/10/24 12:25	2	8	10	1	29.7	34			
22/10/24 12:30	2	8	10	1	29.5	34			
22/10/24 12:35	2	8	10	1	29.6	34			
22/10/24 12:40	2	8	10	1	29.8	33			
22/10/24 12:45	2	8	9	1	29.9	33			
22/10/24 12:50	2	8	9	1	30.2	33			
22/10/24 12:55	2	8	9	1	30.5	33			
22/10/24 13:00	2	7	9	1	30.5	33			
22/10/24 13:05	2	7	9	1	30.7	32			
22/10/24 13:10	2	7	9	1	30.8	32			
22/10/24 13:15	2	8	9	1	30.9	32			
22/10/24 13:20	2	8	10	1	31.1	31			
22/10/24 13:25	2	8	9	1	31.3	30			
22/10/24 13:30	2	8	9	1	31.5	29			
22/10/24 13:35	2	7	9	1	31.3	31			
22/10/24 13:40	2	7	9	1	31.2	31			
22/10/24 13:45	2	7	9	1	31.0	31			
22/10/24 13:50	2	7	9	1	31.1	31			
22/10/24 13:55	2	7	9	1	31.3	31			
22/10/24 14:00	2	8	9	1	31.3	31			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/10/24 14:05	2	8	9	1	31.3	31			
22/10/24 14:10	2	8	10	1	31.2	31			
22/10/24 14:15	2	8	10	1	30.9	32			
22/10/24 14:20	2	8	10	1	31.0	32			
22/10/24 14:25	2	8	10	1	31.1	31			
22/10/24 14:30	2	8	10	1	31.0	31			
22/10/24 14:35	2	8	10	1	31.1	31			
22/10/24 14:40	2	8	10	1	31.0	32			
22/10/24 14:45	2	8	10	1	31.0	32			
22/10/24 14:50	2	8	9	1	30.8	32			
22/10/24 14:55	2	8	9	1	30.8	33			
22/10/24 15:00	2	8	10	1	30.9	33			
22/10/24 15:05	2	8	10	1	30.5	34			
22/10/24 15:10	2	8	10	2	30.4	34			
22/10/24 15:15	2	8	10	1	28.1	43			
22/10/24 15:20	2	8	10	1	21.2	68			
22/10/24 15:25	2	6	7	1	19.9	74			
22/10/24 15:30	1	1	2	1	19.4	77			
22/10/24 15:35	1	1	2	1	18.9	79			
22/10/24 15:40	1	1	1	1	18.7	80			
22/10/24 15:45	1	1	1	1	18.4	81			
22/10/24 15:50	0	1	1	1	18.6	80			
22/10/24 15:55	0	1	1	1	18.3	81			
22/10/24 16:00	0	1	1	1	17.9	83			
22/10/24 16:05	0	1	1	1	17.7	84			
22/10/24 16:10	0	1	1	1	17.8	85			
22/10/24 16:15	0	1	1	1	17.6	86			
22/10/24 16:20	0	1	1	1	17.7	85			
22/10/24 16:25	0	1	1	1	17.4	87			
22/10/24 16:30	0	1	1	1	17.4	85			
22/10/24 16:35	0	1	1	1	17.6	84			
22/10/24 16:40	0	1	1	1	17.6	84			
22/10/24 16:45	0	1	1	1	17.3	84			
22/10/24 16:50	0	1	1	1	17.3	85			
22/10/24 16:55	0	1	1	1	17.4	83			
22/10/24 17:00	0	1	1	1	17.5	83			
22/10/24 17:05	0	1	1	1	17.6	82			
22/10/24 17:10	0	1	1	1	17.7	82			
22/10/24 17:15	0	2	2	1	17.6	83			
22/10/24 17:20	0	2	2	1	17.3	83			
22/10/24 17:25	0	2	2	1	17.2	85			
22/10/24 17:30	1	10	11	1	16.9	86			
22/10/24 17:35	1	2	3	1	16.9	87			
22/10/24 17:40	1	4	5	1	16.9	87			
22/10/24 17:45	1	1	2	1	16.6	88			
22/10/24 17:50	1	1	2	1	16.7	87			
22/10/24 17:55	1	1	2	1	16.6	86			
22/10/24 18:00	1	1	1	1	16.7	85			
22/10/24 18:05	0	1	1	1	16.6	84			
22/10/24 18:10	0	1	1	1	16.6	85			
22/10/24 18:15	0	1	1	1	16.5	85			
22/10/24 18:20	0	1	1	1	16.6	86			
22/10/24 18:25	0	1	1	1	16.5	87			
22/10/24 18:30	0	1	1	1	16.3	86			
22/10/24 18:35	0	1	1	1	16.4	86			
22/10/24 18:40	0	1	1	1	16.3	85			
22/10/24 18:45	0	1	1	1	16.2	85			
22/10/24 18:50	0	1	1	1	16.2	85			
22/10/24 18:55	0	2	2	1	16.3	85			
22/10/24 19:00	0	2	2	1	16.2	86			
22/10/24 19:05	0	2	2	1	16.2	86			
22/10/24 19:10	0	1	1	1	16.2	86			
22/10/24 19:15	0	1	1	1	16.0	85			
22/10/24 19:20	0	1	1	1	16.1	86			
22/10/24 19:25	0	1	1	1	16.1	85			
22/10/24 19:30	0	1	1	1	16.1	86			
22/10/24 19:35	0	1	1	1	16.1	87			
22/10/24 19:40	0	1	1	1	16.0	86			
22/10/24 19:45	0	1	1	1	15.8	86			
22/10/24 19:50	0	1	1	1	16.0	86			
22/10/24 19:55	0	1	1	1	16.0	86			
22/10/24 20:00	0	2	3	1	15.9	86			
22/10/24 20:05	0	1	1	1	16.0	86			
22/10/24 20:10	0	1	1	1	15.9	86			
22/10/24 20:15	0	1	1	1	15.8	86			
22/10/24 20:20	0	1	2	1	15.8	86			
22/10/24 20:25	0	1	1	1	15.8	86			
22/10/24 20:30	0	1	1	1	15.7	86			
22/10/24 20:35	0	1	1	1	15.8	86			
22/10/24 20:40	0	1	1	1	15.7	86			
22/10/24 20:45	0	1	1	1	15.7	86			
22/10/24 20:50	0	0	0	1	15.7	85			
22/10/24 20:55	0	0	0	1	15.7	86			
22/10/24 21:00	0	0	0	1	15.6	85			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/10/24 21:05	0	0	0	1	15.6	85			
22/10/24 21:10	0	1	1	1	15.6	84			
22/10/24 21:15	0	1	1	1	15.5	85			
22/10/24 21:20	0	1	1	1	15.6	84			
22/10/24 21:25	0	1	1	1	15.5	83			
22/10/24 21:30	0	1	1	1	15.6	84			
22/10/24 21:35	0	1	1	1	15.6	83			
22/10/24 21:40	0	1	1	1	15.5	84			
22/10/24 21:45	0	1	0	1	15.5	83			
22/10/24 21:50	0	1	1	1	15.5	82			
22/10/24 21:55	0	1	1	1	15.3	82			
22/10/24 22:00	0	1	0	1	15.3	82			
22/10/24 22:05	0	1	1	1	15.3	82			
22/10/24 22:10	0	1	1	1	15.5	81			
22/10/24 22:15	0	1	1	1	15.5	80			
22/10/24 22:20	0	1	1	1	15.5	80			
22/10/24 22:25	0	1	1	1	15.3	81			
22/10/24 22:30	0	1	1	1	15.4	79			
22/10/24 22:35	0	1	1	2	15.4	79			
22/10/24 22:40	0	1	1	1	15.4	78			
22/10/24 22:45	0	1	1	1	15.3	78			
22/10/24 22:50	0	1	1	1	15.3	78			
22/10/24 22:55	0	1	1	1	15.3	79			
22/10/24 23:00	0	1	1	1	15.3	78			
22/10/24 23:05	0	1	1	1	15.2	80			
22/10/24 23:10	0	1	1	1	15.2	79			
22/10/24 23:15	0	1	1	1	15.2	79			
22/10/24 23:20	0	1	1	1	15.2	78			
22/10/24 23:25	0	1	1	2	15.2	80			
22/10/24 23:30	0	1	1	2	15.2	78			
22/10/24 23:35	0	1	1	2	15.2	77			
22/10/24 23:40	0	1	1	2	15.2	77			
22/10/24 23:45	0	1	1	2	15.2	78			
22/10/24 23:50	0	1	1		15.1	77			
22/10/24 23:55	0	1	1		15.2	79			
23/10/24 00:00	0	1	1	2	15.2	78			
23/10/24 00:05	0	1	1	2	15.2	77			
23/10/24 00:10	0	1	1	2	15.0	79			
23/10/24 00:15	0	1	1	2	15.0	79			
23/10/24 00:20	0	1	1	2	15.0	77			
23/10/24 00:25	0	1	1	2	15.1	78			
23/10/24 00:30	0	1	1	2	15.0	78			
23/10/24 00:35	0	1	1	2	15.1	78			
23/10/24 00:40	0	1	1	2	15.2	77			
23/10/24 00:45	0	1	1	2	15.1	77			
23/10/24 00:50	0	1	1	2	15.1	77			
23/10/24 00:55	0	1	1	2	15.0	76			
23/10/24 01:00	0	1	1	2	14.8	75			
23/10/24 01:05					15.1	77			
23/10/24 01:10					15.1	76			
23/10/24 01:15					15.0	76			
23/10/24 01:20					15.1	76			
23/10/24 01:25					15.0	76			
23/10/24 01:30					15.1	76			
23/10/24 01:35					15.1	76			
23/10/24 01:40					15.0	75			
23/10/24 01:45					14.9	75			
23/10/24 01:50					14.9	76			
23/10/24 01:55					14.8	76			
23/10/24 02:00					15.0	77			
23/10/24 02:05	0	1	1	2	14.9	76			
23/10/24 02:10	0	1	1	2	14.8	75			
23/10/24 02:15	0	1	1	2	14.7	76			
23/10/24 02:20	0	1	1	2	14.7	76			
23/10/24 02:25	0	1	1	2	14.7	77			
23/10/24 02:30	0	1	1	2	14.6	76			
23/10/24 02:35	0	1	1	2	14.6	77			
23/10/24 02:40	0	1	1	2	14.6	77			
23/10/24 02:45	0	1	1	2	14.6	77			
23/10/24 02:50	0	1	1	2	14.6	76			
23/10/24 02:55	0	1	1	2	14.6	75			
23/10/24 03:00	0	1	1	2	14.5	74			
23/10/24 03:05	0	1	1	2	14.5	75			
23/10/24 03:10	0	1	1	2	14.5	74			
23/10/24 03:15	0	1	1	2	14.5	74			
23/10/24 03:20	0	1	1	2	14.5	75			
23/10/24 03:25	0	1	2	2	14.5	75			
23/10/24 03:30	0	2	2	2	14.5	75			
23/10/24 03:35	0	1	1	2	14.5	76			
23/10/24 03:40	0	0	1	2	14.6	76			
23/10/24 03:45	0	0	1	2	14.5	76			
23/10/24 03:50	0	0	1	2	14.4	75			
23/10/24 03:55	0	1	1	2	14.4	74			
23/10/24 04:00	0	1	1	2	14.6	73			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/10/24 04:05	0	1	1	2	14.7	73			
23/10/24 04:10	0	1	1	2	14.7	73			
23/10/24 04:15	0	1	1	2	14.6	74			
23/10/24 04:20	0	1	1	2	14.6	74			
23/10/24 04:25	0	1	1	2	14.5	73			
23/10/24 04:30	0	1	1	2	14.6	74			
23/10/24 04:35	0	1	1	2	14.6	74			
23/10/24 04:40	0	1	1	2	14.6	74			
23/10/24 04:45	0	1	1	2	14.6	74			
23/10/24 04:50	0	1	1	2	14.5	74			
23/10/24 04:55	0	1	1	2	14.4	74			
23/10/24 05:00	0	1	1	2	14.6	74			
23/10/24 05:05	0	1	1	2	14.5	74			
23/10/24 05:10	0	1	1	2	14.5	74			
23/10/24 05:15	0	1	1	2	14.6	74			
23/10/24 05:20	0	2	2	2	14.4	73			
23/10/24 05:25	0	2	2	2	14.6	75			
23/10/24 05:30	0	2	2	2	14.7	75			
23/10/24 05:35	0	2	2	2	14.5	73			
23/10/24 05:40	0	3	3	2	14.3	74			
23/10/24 05:45	0	4	4	2	14.3	74			
23/10/24 05:50	0	4	5	2	14.3	73			
23/10/24 05:55	0	4	4	2	14.3	74			
23/10/24 06:00	0	3	3	2	14.2	73			
23/10/24 06:05	0	2	2	2	14.3	74			
23/10/24 06:10	0	2	2	2	14.2	75			
23/10/24 06:15	0	2	2	2	14.4	76			
23/10/24 06:20	0	2	2	2	14.3	76			
23/10/24 06:25	0	2	2	2	14.4	77			
23/10/24 06:30	0	3	3	2	14.3	77			
23/10/24 06:35	0	3	3	2	14.3	77			
23/10/24 06:40	0	3	3	2	14.3	76			
23/10/24 06:45	0	3	3	2	14.3	76			
23/10/24 06:50	0	3	3	2	14.4	76			
23/10/24 06:55	0	3	3	2	14.4	75			
23/10/24 07:00	0	3	3	2	14.2	74			
23/10/24 07:05	0	3	4	2	14.2	75			
23/10/24 07:10	0	4	4	2	14.2	75			
23/10/24 07:15	0	4	4	2	14.3	75			
23/10/24 07:20	0	4	4	2	14.3	76			
23/10/24 07:25	0	4	4	2	14.5	76			
23/10/24 07:30	0	3	4	2	14.4	77			
23/10/24 07:35	0	3	4	2	14.4	76			
23/10/24 07:40	1	4	4	2	14.3	76			
23/10/24 07:45	1	3	4	2	14.2	76			
23/10/24 07:50	1	3	3	2	14.3	76			
23/10/24 07:55	0	2	2	2	14.2	75			
23/10/24 08:00	0	2	3	2	14.3	76			
23/10/24 08:05	0	2	2	2	14.3	75			
23/10/24 08:10	0	4	5	2	14.2	76			
23/10/24 08:15	0	4	4	2	14.2	76			
23/10/24 08:20	0	3	3	2	14.1	76			
23/10/24 08:25	0	2	3	2	14.2	75			
23/10/24 08:30	0	2	3	2	14.2	74			
23/10/24 08:35	0	2	3	2	14.2	74			
23/10/24 08:40	0	2	3	2	14.2	75			
23/10/24 08:45	0	2	3	2	14.3	74			
23/10/24 08:50	0	2	3	2	14.4	74			
23/10/24 08:55	0	2	3	2	14.4	73			
23/10/24 09:00	0	2	3	2	14.5	72			
23/10/24 09:05	1	2	3	2	14.7	72			
23/10/24 09:10	1	2	3	2	14.6	72			
23/10/24 09:15	1	2	3	2	14.7	71			
23/10/24 09:20	1	2	3	2	14.7	72			
23/10/24 09:25	1	2	3	2	14.7	74			
23/10/24 09:30	1	2	3	2	14.7	75			
23/10/24 09:35	0	2	3	2	14.7	74			
23/10/24 09:40	1	2	3	2	14.8	76			
23/10/24 09:45	1	3	3	2	14.8	75			
23/10/24 09:50	1	3	3	2	14.6	76			
23/10/24 09:55	1	3	3	2	14.6	76			
23/10/24 10:00	1	3	3	2	14.7	75			
23/10/24 10:05	1	3	3	2	14.8	75			
23/10/24 10:10	1	3	4	2	15.1	76			
23/10/24 10:15	1	3	4	2	15.1	74			
23/10/24 10:20	1	3	4	2	14.9	75			
23/10/24 10:25	1	3	4	2	14.8	75			
23/10/24 10:30	1	3	4	2	15.1	74			
23/10/24 10:35	1	3	4	2	15.2	72			
23/10/24 10:40	1	3	4	2	15.3	71			
23/10/24 10:45	1	3	4	2	15.6	73			
23/10/24 10:50	2	3	4	2	16.6	67			
23/10/24 10:55	2	3	5	2	16.9	64			
23/10/24 11:00	2	3	5	2	17.2	63			

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/10/24 11:05	2	3	5	2	17.3	63			
23/10/24 11:10	2	3	5	2	17.2	62			
23/10/24 11:15	2	3	5	2	17.1	62			
23/10/24 11:20	2	3	5	2	17.4	62			
23/10/24 11:25	2	3	5	2	17.6	61			
23/10/24 11:30	2	4	6	2	17.4	60			
23/10/24 11:35	2	3	5	2	17.5	59			
23/10/24 11:40	2	3	5	2	17.3	60			
23/10/24 11:45	2	3	4	2	17.3	60			
23/10/24 11:50	1	3	4	2	17.2	60			
23/10/24 11:55	1	3	4	2	17.4	59			
23/10/24 12:00	1	3	4	2	17.4	59			
23/10/24 12:05	1	3	4	3	17.6	59			
23/10/24 12:10	1	3	4	2	17.4	59			
23/10/24 12:15	1	3	4	2	17.5	60			
23/10/24 12:20	1	3	4	2	17.7	58			
23/10/24 12:25	1	3	4	3	17.4	60			
23/10/24 12:30	1	2	4	3	17.6	58			
23/10/24 12:35	1	3	4	3	17.8	58			
23/10/24 12:40	1	3	4	3	18.0	57			
23/10/24 12:45	1	3	4	3	18.3	57			
23/10/24 12:50	1	3	4	2	18.4	55			
23/10/24 12:55	1	3	4	2	18.6	55			
23/10/24 13:00	1	3	4	3	18.4	55			
23/10/24 13:05	1	3	4	3	18.4	57			
23/10/24 13:10	1	3	4	3	18.5	55			
23/10/24 13:15	1	3	4	2	18.5	55			
23/10/24 13:20	1	3	4	2	18.5	56			
23/10/24 13:25	1	3	4	2	18.8	58			
23/10/24 13:30	1	2	3	2	19.0	56			
23/10/24 13:35	1	2	3	2	19.0	55			
23/10/24 13:40	1	3	4	2	19.0	55			
23/10/24 13:45	2	6	8	2	19.3	55			
23/10/24 13:50	2	10	12	2	19.4	56			
23/10/24 13:55	2	5	7	2	19.5	55			
23/10/24 14:00	2	3	5	2	19.5	54			
23/10/24 14:05	3	13	16	2	19.4	54			
23/10/24 14:10	3	2	4	2	19.6	52			
23/10/24 14:15	2	2	4	2	19.5	51			
23/10/24 14:20	2	3	5	2	19.7	52			
23/10/24 14:25	2	2	4	2	19.9	51			
23/10/24 14:30	2	3	4	2	19.8	50			
23/10/24 14:35	2	3	4	2	19.6	48			
23/10/24 14:40	1	2	4	2	19.8	49			
23/10/24 14:45	1	3	4	2	19.7	50			
23/10/24 14:50	1	2	4	2	19.8	46			
23/10/24 14:55	1	3	4	2	19.9	46			
23/10/24 15:00	3	12	15	2	20.2	45			
23/10/24 15:05	4	12	16	2	20.1	44			
23/10/24 15:10	1	4	6	2	19.9	44			
23/10/24 15:15	1	2	3	2	20.0	44			
23/10/24 15:20	1	2	3	2	20.1	44			
23/10/24 15:25	1	2	3	2	20.1	44			
23/10/24 15:30	1	2	3	2	20.0	45			
23/10/24 15:35	1	2	3	2	20.3	45			
23/10/24 15:40	1	2	2	2	20.4	45			
23/10/24 15:45	1	2	2	2	20.1	47			
23/10/24 15:50	0	2	2	2	20.1	46			
23/10/24 15:55	0	2	2	2	19.8	45			
23/10/24 16:00	1	2	2	2	20.0	46			
23/10/24 16:05	0	2	2	2	20.1	46			
23/10/24 16:10	0	2	2	2	20.1	46			
23/10/24 16:15	0	2	2	2	20.1	45			
23/10/24 16:20	0	2	2	2	20.3	46			
23/10/24 16:25	0	2	2	2	20.3	46			
23/10/24 16:30	0	2	2	2	19.7	47			
23/10/24 16:35	0	2	2	2	18.8	52			
23/10/24 16:40	0	2	2	2	18.4	53			
23/10/24 16:45	0	2	3	2	19.0	50			
23/10/24 16:50	1	3	3	2	18.9	52			
23/10/24 16:55	0	2	3	3	19.0	52			
23/10/24 17:00	0	2	3	2	19.0	53			
23/10/24 17:05	0	3	3	2	19.3	53			
23/10/24 17:10	1	5	6	2	19.3	52			
23/10/24 17:15	1	3	3	2	19.1	55			
23/10/24 17:20	1	2	3	2	19.3	52			
23/10/24 17:25	1	1	2	2	19.7	49			
23/10/24 17:30	1	1	1	2	19.8	47			
23/10/24 17:35	1	2	3	2	19.8	45			
23/10/24 17:40	1	7	8	2	19.8	46			
23/10/24 17:45	1	1	2	2	19.7	47			
23/10/24 17:50	1	1	2	2	19.7	47			
23/10/24 17:55	1	2	2	3	19.7	46			
23/10/24 18:00	1	2	2	2	19.6	48			

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/10/24 18:05	1	2	3	2	19.5	48			
23/10/24 18:10	1	3	4	2	19.5	48			
23/10/24 18:15	1	4	5	2	19.4	49			
23/10/24 18:20	1	4	4	2	19.2	51			
23/10/24 18:25	1	4	5	2	19.1	51			
23/10/24 18:30	1	5	6	3	19.1	52			
23/10/24 18:35	1	9	10	3	19.1	51			
23/10/24 18:40	1	13	15	3	19.1	51			
23/10/24 18:45	2	16	18	3	19.2	52			
23/10/24 18:50	2	1	3	3	17.2	69			
23/10/24 18:55	1	1	2	3	16.1	75			
23/10/24 19:00	1	1	2	2	15.8	75			
23/10/24 19:05	1	1	2	3	15.6	74			
23/10/24 19:10	0	1	2	3	15.5	74			
23/10/24 19:15	0	2	2	3	15.4	74			
23/10/24 19:20	0	2	3	3	15.4	71			
23/10/24 19:25	0	2	2	2	15.4	67			
23/10/24 19:30	0	2	2	2	15.3	69			
23/10/24 19:35	0	1	2	2	15.2	68			
23/10/24 19:40	0	2	2	2	15.2	68			
23/10/24 19:45	0	3	3	2	15.1	68			
23/10/24 19:50	0	2	2	2	15.0	67			
23/10/24 19:55	0	3	3	2	15.1	67			
23/10/24 20:00	0	4	5	2	15.1	65			
23/10/24 20:05	1	9	9	2	15.2	64			
23/10/24 20:10	1	8	9	2	15.2	62			
23/10/24 20:15	1	7	8	2	15.2	60			
23/10/24 20:20	1	6	6	3	15.1	59			
23/10/24 20:25	1	6	6	3	15.2	58			
23/10/24 20:30	1	6	6	2	15.1	57			
23/10/24 20:35	1	6	7	2	15.1	58			
23/10/24 20:40	1	6	6	2	15.0	59			
23/10/24 20:45	0	5	5	3	15.1	61			
23/10/24 20:50	0	5	5	3	15.1	61			
23/10/24 20:55	0	4	5	2	15.0	63			
23/10/24 21:00	0	4	4	2	15.0	64			
23/10/24 21:05	0	3	4	2	14.9	65			
23/10/24 21:10	0	3	3	2	14.7	66			
23/10/24 21:15	0	3	4	2	14.7	67			
23/10/24 21:20	0	4	4	2	14.6	66			
23/10/24 21:25	0	4	4	2	14.6	68			
23/10/24 21:30	0	4	4	2	14.4	67			
23/10/24 21:35	0	4	4	2	14.4	68			
23/10/24 21:40	0	4	4	2	14.4	69			
23/10/24 21:45	0	4	4	2	14.3	68			
23/10/24 21:50	0	5	5	2	14.2	69			
23/10/24 21:55	0	5	6	2	14.1	69			
23/10/24 22:00	0	6	6	2	14.1	69			
23/10/24 22:05	0	6	6	2	14.1	69			
23/10/24 22:10	0	7	7	2	14.1	70			
23/10/24 22:15	0	7	7	2	14.0	69			
23/10/24 22:20	0	6	7	2	14.0	70			
23/10/24 22:25	0	6	7	2	14.0	71			
23/10/24 22:30	0	6	7	2	13.9	70			
23/10/24 22:35	0	6	7	2	13.9	71			
23/10/24 22:40	0	6	6	2	13.9	71			
23/10/24 22:45	0	6	6	2	13.9	71			
23/10/24 22:50	0	6	7	2	13.8	70			
23/10/24 22:55	0	6	6	2	13.8	70			
23/10/24 23:00	0	6	6	2	13.7	71			
23/10/24 23:05	0	6	6	2	13.8	72			
23/10/24 23:10	0	6	6	2	13.8	71			
23/10/24 23:15	0	6	6	2	13.7	70			
23/10/24 23:20	0	6	6	2	13.8	72			
23/10/24 23:25	0	6	6	2	13.8	71			
23/10/24 23:30	0	5	5	2	13.7	71			
23/10/24 23:35	0	5	5	2	13.7	72			
23/10/24 23:40	0	5	5	2	13.8	72			
23/10/24 23:45	0	5	5	2	13.7	71			
23/10/24 23:50	0	5	6		13.6	72			
23/10/24 23:55	0	5	6		13.6	72			
24/10/24 00:00	0	5	5	2	13.6	73			
24/10/24 00:05	0	5	5	2	13.5	72			
24/10/24 00:10	0	5	5	2	13.4	72			
24/10/24 00:15	0	5	5	2	13.4	73			
24/10/24 00:20	0	4	4	2	13.3	73			
24/10/24 00:25	0	4	4	2	13.3	73			
24/10/24 00:30	0	4	4	2	13.3	73			
24/10/24 00:35	0	4	4	2	13.3	74			
24/10/24 00:40	0	4	4	2	13.3	74			
24/10/24 00:45	0	4	4	2	13.3	73			
24/10/24 00:50	0	4	4	2	13.1	73			
24/10/24 00:55	0	5	5	2	13.2	74			
24/10/24 01:00	0	6	6	2	13.2	73			

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/10/24 01:05					13.2	73			
24/10/24 01:10					13.1	73			
24/10/24 01:15					13.0	74			
24/10/24 01:20					13.0	74			
24/10/24 01:25					12.8	74			
24/10/24 01:30					12.7	75			
24/10/24 01:35					12.6	74			
24/10/24 01:40					12.5	75			
24/10/24 01:45					12.5	75			
24/10/24 01:50					12.5	75			
24/10/24 01:55					12.4	76			
24/10/24 02:00					12.4	76			
24/10/24 02:05	0	11	11	2	12.4	75			
24/10/24 02:10	0	12	12	2	12.4	76			
24/10/24 02:15	0	12	12	2	12.5	76			
24/10/24 02:20	0	12	12	2	12.4	75			
24/10/24 02:25	1	12	12	2	12.3	75			
24/10/24 02:30	0	12	13	2	12.4	76			
24/10/24 02:35	0	13	13	2	12.3	75			
24/10/24 02:40	0	13	14	2	12.3	76			
24/10/24 02:45	0	14	14	2	12.2	74			
24/10/24 02:50	0	14	14	3	12.2	75			
24/10/24 02:55	0	14	14	3	12.2	75			
24/10/24 03:00	0	14	14	3	12.2	75			
24/10/24 03:05	1	14	15	3	12.3	77			
24/10/24 03:10	1	15	16	3	12.3	77			
24/10/24 03:15	1	15	15	3	12.2	77			
24/10/24 03:20	1	13	14	3	12.3	76			
24/10/24 03:25	1	12	13	3	12.2	76			
24/10/24 03:30	1	11	11	3	12.1	76			
24/10/24 03:35	0	10	10	3	11.9	75			
24/10/24 03:40	0	10	10	3	12.0	76			
24/10/24 03:45	0	10	10	3	12.0	76			
24/10/24 03:50	0	10	11	3	12.0	76			
24/10/24 03:55	1	12	13	3	11.9	76			
24/10/24 04:00	1	14	14	3	11.9	77			
24/10/24 04:05	1	14	14	3	11.9	77			
24/10/24 04:10	1	14	14	3	11.9	77			
24/10/24 04:15	1	14	14	3	11.8	76			
24/10/24 04:20	1	14	14	2	11.9	77			
24/10/24 04:25	1	14	14	2	12.0	77			
24/10/24 04:30	1	14	14	2	12.0	76			
24/10/24 04:35	1	13	14	3	12.0	77			
24/10/24 04:40	1	14	15	3	12.0	77			
24/10/24 04:45	1	14	15	3	11.9	77			
24/10/24 04:50	1	14	15	3	12.0	78			
24/10/24 04:55	1	14	15	2	12.0	77			
24/10/24 05:00	1	13	14	3	11.9	77			
24/10/24 05:05	1	13	14	3	11.8	77			
24/10/24 05:10	1	13	13	3	11.9	79			
24/10/24 05:15	1	13	13	2	11.9	79			
24/10/24 05:20	1	13	14	2	11.8	79			
24/10/24 05:25	1	14	15	2	11.9	80			
24/10/24 05:30	1	14	16	2	11.8	79			
24/10/24 05:35	2	15	17	2	11.9	80			
24/10/24 05:40	2	16	18	2	11.8	80			
24/10/24 05:45	2	17	19	3	11.9	80			
24/10/24 05:50	3	19	22	3	11.9	79			
24/10/24 05:55	4	20	24	3	11.9	78			
24/10/24 06:00	5	20	25	3	12.0	79			
24/10/24 06:05	5	20	25	2	12.1	79			
24/10/24 06:10	6	20	26	2	12.2	78			
24/10/24 06:15	7	20	27	2	12.3	78			
24/10/24 06:20	7	19	26	2	12.3	77			
24/10/24 06:25	7	16	23	2	12.3	77			
24/10/24 06:30	7	15	21	2	12.3	76			
24/10/24 06:35	7	15	21	2	12.3	76			
24/10/24 06:40	7	15	22	2	12.6	75			
24/10/24 06:45	7	14	21	2	12.6	74			
24/10/24 06:50	7	13	20	2	12.6	74			
24/10/24 06:55	6	12	18	2	12.7	73			
24/10/24 07:00	6	11	17	2	12.8	72			
24/10/24 07:05	5	9	14	2	12.7	71			
24/10/24 07:10	5	8	13	2	12.9	71			
24/10/24 07:15	5	8	13	2	13.0	70			
24/10/24 07:20	5	8	12	2	12.9	69			
24/10/24 07:25	4	8	12	2	13.1	69			
24/10/24 07:30	4	7	11	2	13.0	68			
24/10/24 07:35	4	7	11	2	13.1	69			
24/10/24 07:40	4	7	11	2	13.2	68			
24/10/24 07:45	4	7	10	2	13.2	69			
24/10/24 07:50	5	7	12	2	13.3	66			
24/10/24 07:55	4	3	8	2	13.4	66			
24/10/24 08:00	4	3	7	2	13.4	65			

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/10/24 08:05	3	3	6	2	13.6	64			
24/10/24 08:10	2	3	5	2	13.7	64			
24/10/24 08:15	2	3	5	2	13.6	64			
24/10/24 08:20	2	3	5	2	13.6	62			
24/10/24 08:25	2	3	4	2	13.9	63			
24/10/24 08:30	1	3	4	2	14.1	63			
24/10/24 08:35	1	3	4	2	13.9	62			
24/10/24 08:40	1	3	4	2	14.0	63			
24/10/24 08:45	1	2	3	2	14.1	61			
24/10/24 08:50	1	2	3	2	14.2	63			
24/10/24 08:55	1	2	2	2	14.2	60			
24/10/24 09:00	1	1	2	3	14.3	57			
24/10/24 09:05	1	1	2	2	14.4	59			
24/10/24 09:10	0	2	2	2	14.3	62			
24/10/24 09:15	1	1	2	2	14.3	62			
24/10/24 09:20	1	1	2	2	14.4	61			
24/10/24 09:25	0	1	2	2	14.5	59			
24/10/24 09:30	0	1	1	2	14.5	59			
24/10/24 09:35	0	1	1	2	14.6	64			
24/10/24 09:40	0	1	1	2	14.8	61			
24/10/24 09:45	0	1	1	2	14.6	64			
24/10/24 09:50	0	1	1	2	14.4	65			
24/10/24 09:55	1	2	2	2	14.3	62			
24/10/24 10:00	1	2	3	2	14.4	62			
24/10/24 10:05	1	2	3	2	14.6	61			
24/10/24 10:10	1	3	4	2	14.8	61			
24/10/24 10:15	1	2	4	2	14.7	57			
24/10/24 10:20	1	2	3	2	14.7	59			
24/10/24 10:25	1	1	2	2	14.8	54			
24/10/24 10:30	1	1	2	2	14.8	54			
24/10/24 10:35	1	1	2	2	14.8	54			
24/10/24 10:40	0	1	1	2	15.0	56			
24/10/24 10:45	0	1	1	2	15.1	56			
24/10/24 10:50	0	1	1	2	15.2	56			
24/10/24 10:55	0	1	1	2	15.2	60			
24/10/24 11:00	0	1	1	2	15.3	59			
24/10/24 11:05	0	1	1	2	15.1	66			
24/10/24 11:10	0	1	1	2	15.0	64			
24/10/24 11:15	0	1	1	2	15.1	62			
24/10/24 11:20	0	1	1	2	15.1	62			
24/10/24 11:25	0	1	1	2	14.9	60			
24/10/24 11:30	0	1	1	2	15.0	61			
24/10/24 11:35	0	1	1	2	15.1	60			
24/10/24 11:40	0	1	1	2	15.2	62			
24/10/24 11:45	0	1	1	2	15.0	64			
24/10/24 11:50	0	1	1	2	15.0	65			
24/10/24 11:55	0	1	1	2	15.0	65			
24/10/24 12:00	0	1	1	2	14.9	65			
24/10/24 12:05	0	1	1	2	15.0	63			
24/10/24 12:10	0	1	1	2	15.0	62			
24/10/24 12:15	0	1	1	2	15.2	60			
24/10/24 12:20	0	1	1	2	15.3	58			
24/10/24 12:25	0	1	1	2	15.3	58			
24/10/24 12:30	0	1	1	2	15.5	59			
24/10/24 12:35	0	1	1	2	15.3	59			
24/10/24 12:40	0	1	1	2	15.6	58			
24/10/24 12:45	0	1	1	2	15.7	56			
24/10/24 12:50	0	1	1	2	16.3	52			
24/10/24 12:55	0	1	1	2	15.6	65			
24/10/24 13:00	0	1	1	2	15.3	69			
24/10/24 13:05	0	1	1	2	15.2	66			
24/10/24 13:10	0	1	1	2	15.4	62			
24/10/24 13:15	1	1	2	2	15.9	62			
24/10/24 13:20	1	2	4	2	16.4	58			
24/10/24 13:25	2	3	5	2	16.6	57			
24/10/24 13:30	2	3	5	2	16.7	57			
24/10/24 13:35	2	2	4	2	16.8	57			
24/10/24 13:40	1	1	2	2	17.0	56			
24/10/24 13:45	1	1	2	2	16.6	58			
24/10/24 13:50	1	1	2	2	16.5	59			
24/10/24 13:55	1	1	2	2	16.6	58			
24/10/24 14:00	0	1	1	2	16.3	59			
24/10/24 14:05	0	1	1	2	16.0	60			
24/10/24 14:10	0	1	1	3	15.8	60			
24/10/24 14:15	0	1	1	2	15.8	60			
24/10/24 14:20	0	1	1	2	16.1	60			
24/10/24 14:25	0	1	1	2	16.0	59			
24/10/24 14:30	0	1	1	2	15.8	60			
24/10/24 14:35	0	0	1	2	15.4	63			
24/10/24 14:40	0	0	0	2	15.5	60			
24/10/24 14:45	0	0	0	2	15.5	59			
24/10/24 14:50	0	1	1	2	15.6	59			
24/10/24 14:55	0	1	1	1	16.1	58			
24/10/24 15:00	0	1	1	1	16.6	57			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/10/24 15:05	0	1	1	1	16.9	57			
24/10/24 15:10	0	1	1	1	17.1	56			
24/10/24 15:15	0	1	1	1	17.0	56			
24/10/24 15:20	0	1	1	2	16.7	57			
24/10/24 15:25	0	1	1	2	17.0	57			
24/10/24 15:30	0	1	1	1	16.9	54			
24/10/24 15:35	0	1	1	1	16.9	53			
24/10/24 15:40	0	1	1	1	16.6	56			
24/10/24 15:45	0	1	1	1	16.2	59			
24/10/24 15:50	0	1	1	1	16.4	60			
24/10/24 15:55	0	1	1	1	16.5	58			
24/10/24 16:00	0	1	1	1	16.2	61			
24/10/24 16:05	0	1	1	1	16.0	61			
24/10/24 16:10	0	1	1	1	16.1	59			
24/10/24 16:15	0	1	1	1	16.3	60			
24/10/24 16:20	0	1	1	1	16.3	60			
24/10/24 16:25	0	1	1	1	16.3	59			
24/10/24 16:30	0	1	1	1	16.3	60			
24/10/24 16:35	0	1	1	1	16.2	61			
24/10/24 16:40	0	1	2	1	15.8	61			
24/10/24 16:45	0	1	2	2	15.6	62			
24/10/24 16:50	0	1	1	2	15.7	63			
24/10/24 16:55	0	1	1	1	15.8	61			
24/10/24 17:00	0	1	1	1	15.9	61			
24/10/24 17:05	0	1	1	1	16.1	60			
24/10/24 17:10	1	2	3	1	16.2	58			
24/10/24 17:15	5	5	10	1	16.4	61			
24/10/24 17:20	3	4	7	1	16.7	58			
24/10/24 17:25	1	2	4	1	17.0	49			
24/10/24 17:30	1	1	1	1	17.1	45			
24/10/24 17:35	0	1	1	1	17.0	46			
24/10/24 17:40	0	1	1	1	16.9	45			
24/10/24 17:45	0	1	1	1	16.9	46			
24/10/24 17:50	0	1	1	1	16.8	43			
24/10/24 17:55	0	1	1	1	16.7	45			
24/10/24 18:00	0	1	1	1	16.7	45			
24/10/24 18:05	0	1	1	2	16.7	45			
24/10/24 18:10	0	1	1	1	16.9	46			
24/10/24 18:15	0	1	2	1	16.9	49			
24/10/24 18:20	0	1	2	1	16.8	51			
24/10/24 18:25	0	1	2	1	16.7	54			
24/10/24 18:30	0	1	2	1	16.3	61			
24/10/24 18:35	0	1	1	1	16.0	62			
24/10/24 18:40	0	1	1	1	15.8	59			
24/10/24 18:45	0	1	1	1	15.7	57			
24/10/24 18:50	0	1	1	1	15.7	58			
24/10/24 18:55	0	2	2	1	15.6	58			
24/10/24 19:00	0	2	2	1	15.4	58			
24/10/24 19:05	0	2	2	1	15.5	57			
24/10/24 19:10	0	2	2	1	15.5	54			
24/10/24 19:15	0	3	3	1	15.4	52			
24/10/24 19:20	0	3	3	1	15.4	50			
24/10/24 19:25	0	3	3	1	15.3	52			
24/10/24 19:30	0	3	3	1	15.2	53			
24/10/24 19:35	0	3	3	1	15.1	52			
24/10/24 19:40	0	3	3	1	15.0	53			
24/10/24 19:45	0	3	3	1	15.0	53			
24/10/24 19:50	0	3	3	1	15.0	56			
24/10/24 19:55	0	3	3	1	15.0	58			
24/10/24 20:00	0	3	4	1	14.8	56			
24/10/24 20:05	0	4	4	1	14.7	56			
24/10/24 20:10	0	4	4	1	14.6	57			
24/10/24 20:15	0	4	5	1	14.6	59			
24/10/24 20:20	0	4	5	1	14.4	59			
24/10/24 20:25	0	5	5	1	14.5	61			
24/10/24 20:30	0	5	5	1	14.4	59			
24/10/24 20:35	0	5	5	1	14.3	60			
24/10/24 20:40	0	5	5	2	14.3	60			
24/10/24 20:45	0	6	6	1	14.2	60			
24/10/24 20:50	1	7	7	1	14.2	62			
24/10/24 20:55	1	7	8	1	14.1	63			
24/10/24 21:00	1	7	8	1	13.9	64			
24/10/24 21:05	1	6	7	2	13.8	65			
24/10/24 21:10	0	5	6	1	13.9	67			
24/10/24 21:15	0	5	5	1	13.9	67			
24/10/24 21:20	0	4	5	1	13.9	66			
24/10/24 21:25	0	4	4	1	13.8	66			
24/10/24 21:30	0	4	5	1	13.7	66			
24/10/24 21:35	0	4	5	1	13.8	65			
24/10/24 21:40	0	4	4	1	13.8	65			
24/10/24 21:45	0	4	4	1	13.8	65			
24/10/24 21:50	0	4	4	1	13.8	64			
24/10/24 21:55	0	3	4	1	13.8	64			
24/10/24 22:00	0	4	4	1	13.8	65			

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/10/24 22:05	0	4	4	1	13.9	66			
24/10/24 22:10	0	4	4	2	13.7	66			
24/10/24 22:15	0	4	4	1	13.7	67			
24/10/24 22:20	0	3	4	1	13.6	68			
24/10/24 22:25	0	4	4	1	13.6	70			
24/10/24 22:30	0	4	4	1	13.5	70			
24/10/24 22:35	0	4	4	1	13.5	71			
24/10/24 22:40	0	4	4	1	13.3	71			
24/10/24 22:45	0	4	4	1	13.3	71			
24/10/24 22:50	0	4	4	1	13.1	73			
24/10/24 22:55	0	4	4	1	12.9	76			
24/10/24 23:00	0	4	4	1	13.0	75			
24/10/24 23:05	0	4	4	1	12.9	74			
24/10/24 23:10	0	4	5	1	13.0	74			
24/10/24 23:15	0	4	4	1	13.0	74			
24/10/24 23:20	0	4	4	1	12.8	76			
24/10/24 23:25	0	4	4	1	12.9	76			
24/10/24 23:30	0	3	4	1	12.9	75			
24/10/24 23:35	0	3	3	1	12.7	76			
24/10/24 23:40	0	3	4	1	12.6	77			
24/10/24 23:45	0	3	3	2	12.5	79			
24/10/24 23:50	0	3	3		12.4	80			
24/10/24 23:55	0	3	3		12.4	80			
25/10/24 00:00	0	3	3	1	12.4	80			
25/10/24 00:05	0	3	3	2	12.5	80			
25/10/24 00:10	0	3	3	2	12.5	80			
25/10/24 00:15	0	3	3	2	12.6	80			
25/10/24 00:20	0	3	3	2	12.5	79			
25/10/24 00:25	0	4	4	2	12.6	79			
25/10/24 00:30	0	4	5	2	12.4	79			
25/10/24 00:35	0	4	5	2	12.4	79			
25/10/24 00:40	0	4	4	2	12.4	81			
25/10/24 00:45	0	3	4	2	12.3	83			
25/10/24 00:50	0	3	3	2	12.2	82			
25/10/24 00:55	0	3	3	2	12.3	82			
25/10/24 01:00	0	2	3	2	12.2	83			
25/10/24 01:05					12.0	83			
25/10/24 01:10					11.9	83			
25/10/24 01:15					11.9	83			
25/10/24 01:20					11.9	83			
25/10/24 01:25					11.9	82			
25/10/24 01:30					12.0	82			
25/10/24 01:35					11.8	82			
25/10/24 01:40					12.0	82			
25/10/24 01:45					11.9	82			
25/10/24 01:50					12.0	82			
25/10/24 01:55					12.0	82			
25/10/24 02:00					12.0	81			
25/10/24 02:05	1	6	6	2	11.9	81			
25/10/24 02:10	1	7	8	2	12.0	81			
25/10/24 02:15	1	7	8	2	12.0	81			
25/10/24 02:20	1	8	8	3	12.0	80			
25/10/24 02:25	1	7	7	3	12.0	80			
25/10/24 02:30	0	6	6	3	11.9	79			
25/10/24 02:35	0	5	6	2	12.0	79			
25/10/24 02:40	0	5	5	3	11.9	78			
25/10/24 02:45	0	5	5	2	12.0	78			
25/10/24 02:50	0	4	4	2	12.0	78			
25/10/24 02:55	0	4	4	2	11.9	78			
25/10/24 03:00	0	3	3	2	12.0	78			
25/10/24 03:05	0	3	3	2	12.0	76			
25/10/24 03:10	0	3	3	2	12.1	76			
25/10/24 03:15	0	3	3	2	12.1	76			
25/10/24 03:20	0	3	3	2	12.0	75			
25/10/24 03:25	0	3	3	2	11.9	75			
25/10/24 03:30	0	3	4	3	12.0	75			
25/10/24 03:35	0	4	4	3	11.9	76			
25/10/24 03:40	0	5	5	3	11.9	77			
25/10/24 03:45	0	5	5	3	11.9	78			
25/10/24 03:50	0	6	6	3	11.8	77			
25/10/24 03:55	0	6	6	3	11.8	77			
25/10/24 04:00	0	6	6	3	11.8	76			
25/10/24 04:05	0	5	6	3	11.6	76			
25/10/24 04:10	0	6	6	2	11.7	75			
25/10/24 04:15	0	6	6	2	11.7	74			
25/10/24 04:20	0	6	6	2	11.8	74			
25/10/24 04:25	0	5	5	2	11.7	75			
25/10/24 04:30	0	5	5	2	11.9	76			
25/10/24 04:35	0	5	5	2	11.7	75			
25/10/24 04:40	0	4	4	2	11.7	77			
25/10/24 04:45	0	4	4	2	11.6	76			
25/10/24 04:50	0	4	5	2	11.5	76			
25/10/24 04:55	0	4	5	2	11.5	75			
25/10/24 05:00	0	4	4	2	11.4	75			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/10/24 05:05	0	4	4	2	11.5	74			
25/10/24 05:10	2	12	14	2	11.5	73			
25/10/24 05:15	2	7	9	2	11.5	74			
25/10/24 05:20	2	12	15	3	11.7	73			
25/10/24 05:25	5	18	23	3	11.7	72			
25/10/24 05:30	3	8	11	2	11.6	71			
25/10/24 05:35	1	6	7	2	11.5	71			
25/10/24 05:40	1	8	8	2	11.4	71			
25/10/24 05:45	1	10	11	2	11.5	72			
25/10/24 05:50	6	17	23	2	11.4	73			
25/10/24 05:55	0	2	3	2	11.8	72			
25/10/24 06:00	0	4	4	2	11.5	72			
25/10/24 06:05	1	4	5	2	11.6	74			
25/10/24 06:10	1	5	6	2	11.4	72			
25/10/24 06:15	1	5	6	3	11.4	69			
25/10/24 06:20	1	5	6	3	11.3	69			
25/10/24 06:25	1	5	6	3	11.4	74			
25/10/24 06:30	1	5	6	2	11.5	75			
25/10/24 06:35	1	5	5	3	11.4	76			
25/10/24 06:40	1	5	6	3	11.4	76			
25/10/24 06:45	1	5	6	2	11.2	75			
25/10/24 06:50	1	5	6	2	11.4	74			
25/10/24 06:55	1	5	6	2	11.5	73			
25/10/24 07:00	1	5	6	2	11.5	71			
25/10/24 07:05	1	5	6	2	11.6	72			
25/10/24 07:10	1	4	5	2	11.6	72			
25/10/24 07:15	1	4	5	2	11.6	71			
25/10/24 07:20	1	4	5	2	11.6	70			
25/10/24 07:25	1	4	5	2	11.8	71			
25/10/24 07:30	1	4	5	2	11.8	71			
25/10/24 07:35	1	3	4	2	11.9	72			
25/10/24 07:40	1	3	4	2	11.9	73			
25/10/24 07:45	1	3	4	3	12.1	73			
25/10/24 07:50	1	3	4	3	12.1	74			
25/10/24 07:55	1	3	3	3	12.2	74			
25/10/24 08:00	1	3	3	2	12.2	73			
25/10/24 08:05	1	3	3	2	12.2	71			
25/10/24 08:10	1	3	3	2	12.4	76			
25/10/24 08:15	1	2	3	2	11.9	73			
25/10/24 08:20	0	2	2	2	11.8	76			
25/10/24 08:25	0	2	2	2	11.9	77			
25/10/24 08:30	0	1	2	2	12.2	76			
25/10/24 08:35	1	2	2	2	12.5	79			
25/10/24 08:40	0	1	2	2	11.7	83			
25/10/24 08:45	0	1	1	2	11.6	81			
25/10/24 08:50	0	1	1	2	12.1	77			
25/10/24 08:55	0	1	1	2	12.4	72			
25/10/24 09:00	0	1	1	3	12.6	66			
25/10/24 09:05	0	1	1	3	12.9	62			
25/10/24 09:10	0	1	1	2	13.1	63			
25/10/24 09:15	0	1	1	2	13.1	59			
25/10/24 09:20	0	1	1	2	13.1	61			
25/10/24 09:25	0	1	1	2	13.2	62			
25/10/24 09:30	0	1	1	2	13.5	64			
25/10/24 09:35	0	1	1	2	13.8	62			
25/10/24 09:40	0	1	1	2	13.4	69			
25/10/24 09:45	0	1	1	2	12.8	76			
25/10/24 09:50	0	1	1	2	12.6	75			
25/10/24 09:55	0	1	1	2	12.9	71			
25/10/24 10:00	0	1	1	2	13.2	67			
25/10/24 10:05	0	1	1	3	13.4	66			
25/10/24 10:10	0	1	1	3	13.4	64			
25/10/24 10:15	0	1	1	3	13.5	65			
25/10/24 10:20	0	1	1	3	13.7	58			
25/10/24 10:25	0	1	1	3	14.1	53			
25/10/24 10:30	0	1	1	3	14.5	50			
25/10/24 10:35	0	1	1	3	14.4	50			
25/10/24 10:40	0	0	1	2	14.3	55			
25/10/24 10:45	0	0	1	2	14.6	55			
25/10/24 10:50	0	0	1	2	14.9	53			
25/10/24 10:55	0	1	1	2	15.0	50			
25/10/24 11:00	0	1	1	2	15.0	52			
25/10/24 11:05	0	1	1	2	14.7	53			
25/10/24 11:10	0	1	1	2	14.6	52			
25/10/24 11:15	0	1	1	2	14.6	51			
25/10/24 11:20	0	1	1	2	14.5	53			
25/10/24 11:25	0	0	1	2	14.4	52			
25/10/24 11:30	0	0	1	3	14.7	50			
25/10/24 11:35	0	0	1	2	14.7	51			
25/10/24 11:40	0	0	1	3	14.3	52			
25/10/24 11:45	0	0	1	3	14.6	50			
25/10/24 11:50	0	0	0	2	14.4	53			
25/10/24 11:55	0	0	0	2	14.5	50			
25/10/24 12:00	0	0	0	2	14.4	49			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/10/24 12:05	0	0	0	2	14.9	49			
25/10/24 12:10	0	0	0	2	14.7	51			
25/10/24 12:15	0	0	0	2	14.6	52			
25/10/24 12:20	0	0	0	2	14.8	52			
25/10/24 12:25	0	0	0	2	15.1	52			
25/10/24 12:30	0	0	1	3	15.1	53			
25/10/24 12:35	0	1	1	2	15.0	53			
25/10/24 12:40	0	1	1	2	14.9	52			
25/10/24 12:45	0	1	1	2	14.5	51			
25/10/24 12:50	0	1	1	2	14.4	56			
25/10/24 12:55	0	1	1	2	14.6	53			
25/10/24 13:00	0	1	1	2	14.6	53			
25/10/24 13:05	0	1	1	2	14.9	47			
25/10/24 13:10	0	1	1	2	14.7	49			
25/10/24 13:15	0	1	1	2	14.5	45			
25/10/24 13:20	0	0	1	2	14.6	45			
25/10/24 13:25	0	0	1	2	14.8	48			
25/10/24 13:30	0	0	1	2	14.9	45			
25/10/24 13:35	0	0	1	2	14.8	45			
25/10/24 13:40	0	1	1	2	14.9	43			
25/10/24 13:45	0	0	1	2	14.7	46			
25/10/24 13:50	0	0	1	2	14.9	43			
25/10/24 13:55	0	0	1	2	15.0	47			
25/10/24 14:00	0	0	1	2	15.1	43			
25/10/24 14:05	0	0	1	2	15.2	45			
25/10/24 14:10	0	0	1	2	15.5	47			
25/10/24 14:15	0	0	1	2	15.9	45			
25/10/24 14:20	0	0	1	2	16.1	47			
25/10/24 14:25	0	0	1	2	15.8	45			
25/10/24 14:30	0	0	1	2	16.2	47			
25/10/24 14:35	0	1	1	2	16.0	48			
25/10/24 14:40	0	1	1	2	16.1	47			
25/10/24 14:45	0	0	1	2	16.2	49			
25/10/24 14:50	0	0	1	2	15.9	48			
25/10/24 14:55	0	0	0	2	16.1	50			
25/10/24 15:00	0	1	0	2	15.6	49			
25/10/24 15:05	0	1	0	2	15.6	48			
25/10/24 15:10	0	1	0	2	15.5	49			
25/10/24 15:15	0	0	1	2	15.5	52			
25/10/24 15:20	0	0	1	2	15.5	51			
25/10/24 15:25	0	0	1	2	15.5	50			
25/10/24 15:30	0	0	1	2	15.4	50			
25/10/24 15:35	0	0	1	2	15.7	49			
25/10/24 15:40	0	0	1	2	15.9	45			
25/10/24 15:45	0	0	1	2	15.8	48			
25/10/24 15:50	0	0	1	2	15.8	47			
25/10/24 15:55	0	0	1	2	15.9	47			
25/10/24 16:00	0	0	1	2	15.8	46			
25/10/24 16:05	0	0	1	2	15.8	48			
25/10/24 16:10	0	0	0	2	16.1	47			
25/10/24 16:15	0	0	0	2	15.8	49			
25/10/24 16:20	0	0	0	2	15.9	47			
25/10/24 16:25	0	0	0	2	16.1	48			
25/10/24 16:30	0	0	0	2	16.2	48			
25/10/24 16:35	0	0	0	2	16.1	48			
25/10/24 16:40	0	0	0	2	16.0	48			
25/10/24 16:45	0	0	0	2	16.1	49			
25/10/24 16:50	0	0	0	2	16.0	48			
25/10/24 16:55	0	0	0	2	15.9	47			
25/10/24 17:00	0	1	1	2	16.0	50			
25/10/24 17:05	0	1	1	2	16.2	49			
25/10/24 17:10	0	1	1	2	16.2	48			
25/10/24 17:15	0	1	1	2	16.3	47			
25/10/24 17:20	0	0	1	2	16.3	46			
25/10/24 17:25	0	0	1	2	16.2	45			
25/10/24 17:30	0	0	1	2	16.3	45			
25/10/24 17:35	0	1	1	2	16.3	45			
25/10/24 17:40	0	1	1	3	16.4	46			
25/10/24 17:45	0	1	1	3	16.3	46			
25/10/24 17:50	0	1	1	3	16.1	47			
25/10/24 17:55	0	1	1	3	16.0	46			
25/10/24 18:00	0	1	1	2	15.9	47			
25/10/24 18:05	0	1	2	3	15.8	45			
25/10/24 18:10	0	1	2	3	15.8	47			
25/10/24 18:15	0	1	2	3	15.8	47			
25/10/24 18:20	0	1	2	3	15.6	48			
25/10/24 18:25	0	1	1	2	15.5	48			
25/10/24 18:30	0	1	1	2	15.3	49			
25/10/24 18:35	0	1	1	2	15.1	52			
25/10/24 18:40	0	1	1	2	15.0	54			
25/10/24 18:45	0	1	1	2	14.9	53			
25/10/24 18:50	0	1	1	2	14.7	54			
25/10/24 18:55	0	1	1	2	14.6	55			
25/10/24 19:00	0	1	1	2	14.4	55			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/10/24 19:05	0	1	1	3	14.4	55			
25/10/24 19:10	0	1	1	2	14.3	57			
25/10/24 19:15	0	1	1	2	14.2	55			
25/10/24 19:20	0	1	1	2	14.2	55			
25/10/24 19:25	0	1	1	2	14.3	54			
25/10/24 19:30	0	1	1	2	14.1	55			
25/10/24 19:35	0	1	1	2	14.0	56			
25/10/24 19:40	0	2	2	2	14.0	56			
25/10/24 19:45	0	2	2	2	14.0	57			
25/10/24 19:50	0	2	2	2	13.9	57			
25/10/24 19:55	0	2	2	3	13.8	59			
25/10/24 20:00	0	2	3	2	13.9	57			
25/10/24 20:05	0	2	3	2	13.7	58			
25/10/24 20:10	0	2	3	2	13.7	57			
25/10/24 20:15	0	3	3	2	13.6	57			
25/10/24 20:20	0	3	3	2	13.5	57			
25/10/24 20:25	0	3	3	2	13.5	58			
25/10/24 20:30	0	3	3	2	13.5	57			
25/10/24 20:35	0	3	3	2	13.5	58			
25/10/24 20:40	0	3	3	2	13.4	57			
25/10/24 20:45	0	3	3	2	13.5	58			
25/10/24 20:50	0	2	2	2	13.3	58			
25/10/24 20:55	0	2	2	2	13.3	59			
25/10/24 21:00	0	2	2	2	13.1	58			
25/10/24 21:05	0	2	2	2	13.2	59			
25/10/24 21:10	0	2	3	2	13.1	58			
25/10/24 21:15	0	2	3	2	13.2	60			
25/10/24 21:20	0	2	2	2	13.1	60			
25/10/24 21:25	0	2	2	2	13.1	60			
25/10/24 21:30	0	2	2	2	13.1	60			
25/10/24 21:35	0	2	2	2	13.0	59			
25/10/24 21:40	0	2	2	2	13.1	60			
25/10/24 21:45	0	2	2	2	13.1	59			
25/10/24 21:50	0	2	2	2	13.0	61			
25/10/24 21:55	0	2	2	2	13.0	59			
25/10/24 22:00	0	3	3	3	12.8	60			
25/10/24 22:05	0	3	3	3	12.9	61			
25/10/24 22:10	0	3	3	3	13.0	62			
25/10/24 22:15	0	3	3	2	12.8	62			
25/10/24 22:20	0	3	3	3	12.8	61			
25/10/24 22:25	0	4	4	3	12.5	60			
25/10/24 22:30	0	4	5	3	12.3	60			
25/10/24 22:35	0	5	5	2	12.3	62			
25/10/24 22:40	0	5	5	3	12.3	60			
25/10/24 22:45	0	6	6	3	12.2	60			
25/10/24 22:50	0	7	7	3	12.1	60			
25/10/24 22:55	0	8	8	3	12.2	61			
25/10/24 23:00	0	9	9	3	12.1	62			
25/10/24 23:05	0	9	9	3	12.1	61			
25/10/24 23:10	0	10	10	2	12.0	60			
25/10/24 23:15	0	10	11	2	12.1	60			
25/10/24 23:20	0	11	11	2	12.0	60			
25/10/24 23:25	0	10	11	2	12.0	60			
25/10/24 23:30	0	10	10	2	12.0	60			
25/10/24 23:35	0	10	10	2	12.0	60			
25/10/24 23:40	0	10	10	3	12.0	60			
25/10/24 23:45	0	9	10	3	11.9	60			
25/10/24 23:50	0	9	9		11.9	60			
25/10/24 23:55	0	9	9		11.9	60			
26/10/24 00:00	0	9	9	3	11.9	60			
26/10/24 00:05	0	8	9	3	11.8	60			
26/10/24 00:10	0	8	8	2	11.7	61			
26/10/24 00:15	0	8	8	2	11.7	61			
26/10/24 00:20	0	8	8	2	11.6	61			
26/10/24 00:25	0	7	7	2	11.6	61			
26/10/24 00:30	0	7	7	2	11.6	61			
26/10/24 00:35	0	7	7	2	11.6	62			
26/10/24 00:40	0	7	7	2	11.4	62			
26/10/24 00:45	0	7	7	2	11.4	62			
26/10/24 00:50	0	7	7	2	11.4	62			
26/10/24 00:55	0	7	7	2	11.3	63			
26/10/24 01:00	1	8	8	2	11.1	64			
26/10/24 01:05					11.0	64			
26/10/24 01:10					11.1	64			
26/10/24 01:15					11.0	64			
26/10/24 01:20					11.0	64			
26/10/24 01:25					10.9	64			
26/10/24 01:30					10.9	64			
26/10/24 01:35					10.8	64			
26/10/24 01:40					10.9	64			
26/10/24 01:45					10.8	65			
26/10/24 01:50					10.8	65			
26/10/24 01:55					10.7	65			
26/10/24 02:00					10.7	65			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/10/24 02:05	0	8	9	2	10.8	64			
26/10/24 02:10	0	8	8	2	10.9	63			
26/10/24 02:15	0	7	8	2	11.0	63			
26/10/24 02:20	0	7	7	2	11.0	63			
26/10/24 02:25	0	7	7	2	11.0	63			
26/10/24 02:30	0	7	7	2	11.0	63			
26/10/24 02:35	0	7	7	2	10.9	63			
26/10/24 02:40	0	6	6	2	10.8	63			
26/10/24 02:45	0	6	6	2	10.9	63			
26/10/24 02:50	0	6	6	2	10.8	63			
26/10/24 02:55	0	6	6	2	10.8	63			
26/10/24 03:00	0	6	6	2	10.7	63			
26/10/24 03:05	0	6	6	2	10.4	65			
26/10/24 03:10	0	7	7	2	10.3	66			
26/10/24 03:15	0	7	7	2	10.2	66			
26/10/24 03:20	0	8	8	2	10.1	67			
26/10/24 03:25	0	8	9	2	10.1	66			
26/10/24 03:30	0	8	9	2	10.2	66			
26/10/24 03:35	0	8	9	2	10.2	66			
26/10/24 03:40	0	8	8	2	10.1	67			
26/10/24 03:45	0	9	9	2	9.9	68			
26/10/24 03:50	0	10	10	2	9.8	70			
26/10/24 03:55	0	10	10	2	9.5	70			
26/10/24 04:00	0	11	11	2	9.5	70			
26/10/24 04:05	0	11	11	2	9.6	70			
26/10/24 04:10	0	11	11	2	9.5	70			
26/10/24 04:15	0	11	11	2	9.5	70			
26/10/24 04:20	0	11	11	2	9.6	70			
26/10/24 04:25	0	11	11	2	9.4	70			
26/10/24 04:30	0	11	12	2	9.4	70			
26/10/24 04:35	1	12	12	2	9.4	71			
26/10/24 04:40	1	13	14	2	9.3	72			
26/10/24 04:45	2	21	23	2	9.1	73			
26/10/24 04:50	2	15	17	2	8.9	73			
26/10/24 04:55	2	9	11	2	8.7	73			
26/10/24 05:00	1	9	10	2	8.6	74			
26/10/24 05:05	1	9	10	2	8.5	74			
26/10/24 05:10	1	9	10	2	8.5	75			
26/10/24 05:15	2	12	13	2	8.7	77			
26/10/24 05:20	2	17	19	2	8.6	77			
26/10/24 05:25	2	19	22	2	8.5	77			
26/10/24 05:30	2	17	19	2	8.4	77			
26/10/24 05:35	2	16	18	2	8.3	76			
26/10/24 05:40	3	16	18	2	8.3	77			
26/10/24 05:45	3	16	19	2	8.2	76			
26/10/24 05:50	4	16	19	2	8.3	76			
26/10/24 05:55	4	16	20	2	8.3	75			
26/10/24 06:00	5	16	21	2	8.5	75			
26/10/24 06:05	7	16	23	2	8.5	75			
26/10/24 06:10	16	14	30	2	8.6	74			
26/10/24 06:15	18	17	35	2	8.7	74			
26/10/24 06:20	16	17	33	2	8.7	75			
26/10/24 06:25	13	13	26	2	8.6	74			
26/10/24 06:30	11	12	23	2	8.8	73			
26/10/24 06:35	10	12	23	2	9.1	72			
26/10/24 06:40	13	13	27	2	9.0	72			
26/10/24 06:45	16	15	32	2	9.0	72			
26/10/24 06:50	18	15	33	2	9.1	72			
26/10/24 06:55	19	16	34	2	9.3	70			
26/10/24 07:00	18	14	33	2	9.4	69			
26/10/24 07:05	17	14	31	2	9.6	69			
26/10/24 07:10	17	13	30	2	9.8	68			
26/10/24 07:15	17	13	30	2	9.8	67			
26/10/24 07:20	17	13	30	2	10.0	67			
26/10/24 07:25	18	14	32	2	10.3	66			
26/10/24 07:30	21	17	38	3	10.7	64			
26/10/24 07:35	24	18	42	3	11.0	63			
26/10/24 07:40	19	15	34	3	10.9	65			
26/10/24 07:45	20	15	34	3	10.9	66			
26/10/24 07:50	23	16	38	3	11.0	65			
26/10/24 07:55	25	17	42	3	11.1	64			
26/10/24 08:00	25	18	42	3	11.4	63			
26/10/24 08:05	26	19	45	3	11.5	61			
26/10/24 08:10	28	19	46	3	11.7	62			
26/10/24 08:15	25	19	44	3	11.7	62			
26/10/24 08:20	22	17	39	3	11.9	61			
26/10/24 08:25	20	17	37	3	11.9	60			
26/10/24 08:30	19	17	36	3	12.0	61			
26/10/24 08:35	18	16	34	3	12.2	58			
26/10/24 08:40	20	14	35	3	12.7	55			
26/10/24 08:45	17	15	32	3	12.9	55			
26/10/24 08:50	16	15	32	3	13.0	55			
26/10/24 08:55	15	15	30	3	12.8	58			
26/10/24 09:00	15	14	29	3	12.9	57			

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/10/24 09:05	14	14	28	3	13.1	57			
26/10/24 09:10	12	13	25	3	13.1	59			
26/10/24 09:15	33	14	47	3	13.1	62			
26/10/24 09:20	24	25	50	4	13.1	61			
26/10/24 09:25	29	19	48	3	13.0	61			
26/10/24 09:30	19	16	34	3	13.2	61			
26/10/24 09:35	28	16	44	3	13.4	63			
26/10/24 09:40	24	20	44	3	13.5	61			
26/10/24 09:45	23	28	50	3	13.8	61			
26/10/24 09:50	41	28	69	3	14.1	59			
26/10/24 09:55	41	15	56	3	14.2	58			
26/10/24 10:00	24	16	40	3	14.5	54			
26/10/24 10:05	25	16	41	3	15.1	53			
26/10/24 10:10	17	18	35	3	15.7	46			
26/10/24 10:15	15	13	29	3	16.1	45			
26/10/24 10:20	12	14	26	3	16.2	44			
26/10/24 10:25	12	14	26	3	16.3	43			
26/10/24 10:30	11	13	24	3	16.2	42			
26/10/24 10:35	11	14	25	3	16.3	41			
26/10/24 10:40	13	15	27	3	16.5	43			
26/10/24 10:45	9	13	22	3	16.3	42			
26/10/24 10:50	9	13	23	2	16.7	43			
26/10/24 10:55	11	12	23	3	16.7	44			
26/10/24 11:00	23	6	28	3	16.9	46			
26/10/24 11:05	11	16	27	3	16.9	48			
26/10/24 11:10	11	12	23	3	16.3	51			
26/10/24 11:15	11	12	23	3	16.0	51			
26/10/24 11:20	12	15	26	3	16.0	53			
26/10/24 11:25	14	14	27	3	16.7	50			
26/10/24 11:30	7	11	18	2	16.8	51			
26/10/24 11:35	6	10	16	3	16.3	53			
26/10/24 11:40	7	10	17	3	15.6	55			
26/10/24 11:45	7	10	17	3	15.4	53			
26/10/24 11:50	7	10	17	3	15.6	56			
26/10/24 11:55	7	10	17	2	15.7	56			
26/10/24 12:00	6	10	16	2	15.7	54			
26/10/24 12:05	6	10	16	2	16.4	53			
26/10/24 12:10	6	10	16	2	16.7	51			
26/10/24 12:15	6	10	16	2	17.1	49			
26/10/24 12:20	7	10	17	3	17.5	46			
26/10/24 12:25	9	13	21	3	17.6	45			
26/10/24 12:30	8	16	25	3	17.8	44			
26/10/24 12:35	10	19	30	3	17.9	43			
26/10/24 12:40	8	10	18	3	18.1	43			
26/10/24 12:45	7	12	19	3	17.6	45			
26/10/24 12:50	7	8	15	2	17.8	45			
26/10/24 12:55	5	9	14	2	17.8	47			
26/10/24 13:00	7	13	20	3	18.0	46			
26/10/24 13:05	4	10	13	3	18.3	45			
26/10/24 13:10	16	19	35	3	18.3	46			
26/10/24 13:15	15	12	27	3	18.3	47			
26/10/24 13:20	20	18	38	3	18.3	46			
26/10/24 13:25	5	10	16	3	18.6	45			
26/10/24 13:30	4	6	10	3	18.5	45			
26/10/24 13:35	3	5	8	3	18.7	46			
26/10/24 13:40	3	6	9	3	18.9	47			
26/10/24 13:45	7	8	15	3	18.8	46			
26/10/24 13:50	4	7	10	3	18.8	46			
26/10/24 13:55	5	7	12	2	19.1	47			
26/10/24 14:00	11	12	24	2	19.2	50			
26/10/24 14:05	5	12	16	3	19.3	49			
26/10/24 14:10	9	12	21	3	19.5	49			
26/10/24 14:15	5	8	14	3	19.5	49			
26/10/24 14:20	5	12	17	3	19.4	50			
26/10/24 14:25	6	8	14	3	19.6	49			
26/10/24 14:30	4	6	10	3	19.5	51			
26/10/24 14:35	4	6	9	3	19.7	49			
26/10/24 14:40	6	5	10	3	19.8	50			
26/10/24 14:45	6	9	14	3	19.9	51			
26/10/24 14:50	4	7	11	3	19.9	50			
26/10/24 14:55	3	3	6	3	19.6	51			
26/10/24 15:00	2	4	6	3	19.7	51			
26/10/24 15:05	2	5	7	3	19.6	51			
26/10/24 15:10	3	7	10	3	19.5	53			
26/10/24 15:15	2	9	11	3	19.6	53			
26/10/24 15:20	2	4	6	3	19.6	53			
26/10/24 15:25	2	4	6	3	19.7	55			
26/10/24 15:30	6	4	10	3	19.9	54			
26/10/24 15:35	11	14	26	3	20.1	54			
26/10/24 15:40	2	5	7	3	20.1	52			
26/10/24 15:45	1	5	6	3	20.4	44			
26/10/24 15:50	1	5	6	3	20.5	52			
26/10/24 15:55	1	5	6	3	20.4	53			
26/10/24 16:00	1	5	6	3	20.6	52			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/10/24 16:05	2	6	8	3	20.8	50			
26/10/24 16:10	2	7	9	3	20.6	53			
26/10/24 16:15	2	5	7	3	19.8	54			
26/10/24 16:20	2	5	7	3	20.2	53			
26/10/24 16:25	3	17	20	3	20.4	54			
26/10/24 16:30	1	6	7	3	20.5	54			
26/10/24 16:35	1	4	5	3	20.5	48			
26/10/24 16:40	1	6	7	3	20.9	48			
26/10/24 16:45	1	5	5	3	21.0	49			
26/10/24 16:50	1	4	5	3	21.1	43			
26/10/24 16:55	1	4	5	2	22.4	24			
26/10/24 17:00	1	4	5	2	23.2	22			
26/10/24 17:05	2	3	5	2	23.2	22			
26/10/24 17:10	1	4	5	2	23.2	22			
26/10/24 17:15	1	4	5	2	23.5	21			
26/10/24 17:20	1	4	5	2	23.4	21			
26/10/24 17:25	1	4	5	2	23.4	21			
26/10/24 17:30	1	4	5	2	23.2	22			
26/10/24 17:35	1	5	6	2	23.2	22			
26/10/24 17:40	1	5	6	2	23.3	22			
26/10/24 17:45	1	5	6	2	23.1	22			
26/10/24 17:50	1	6	7	2	23.1	22			
26/10/24 17:55	1	6	7	2	23.0	23			
26/10/24 18:00	1	6	7	2	22.8	23			
26/10/24 18:05	1	6	7	2	22.7	24			
26/10/24 18:10	1	6	8	2	22.4	24			
26/10/24 18:15	1	6	8	2	22.3	24			
26/10/24 18:20	1	7	8	2	22.2	25			
26/10/24 18:25	1	7	8	2	22.1	25			
26/10/24 18:30	1	7	8	2	22.0	25			
26/10/24 18:35	1	7	8	2	22.0	26			
26/10/24 18:40	1	7	8	2	21.9	25			
26/10/24 18:45	1	7	9	2	21.9	26			
26/10/24 18:50	1	8	9	3	21.7	26			
26/10/24 18:55	1	8	9	3	21.7	26			
26/10/24 19:00	1	8	9	3	21.5	27			
26/10/24 19:05	1	8	9	2	21.5	28			
26/10/24 19:10	1	10	10	2	21.2	35			
26/10/24 19:15	1	12	13	2	20.9	39			
26/10/24 19:20	1	15	15	2	20.8	39			
26/10/24 19:25	1	17	18	3	20.7	34			
26/10/24 19:30	1	17	17	3	20.9	29			
26/10/24 19:35	1	16	17	3	21.0	29			
26/10/24 19:40	0	17	17	3	21.1	29			
26/10/24 19:45	1	17	18	3	21.0	29			
26/10/24 19:50	1	16	17	2	21.0	28			
26/10/24 19:55	1	15	16	2	21.0	28			
26/10/24 20:00	1	14	15	2	20.9	28			
26/10/24 20:05	1	13	13	2	20.9	28			
26/10/24 20:10	1	12	12	3	20.8	28			
26/10/24 20:15	1	12	12	3	20.7	28			
26/10/24 20:20	1	11	12	3	20.7	28			
26/10/24 20:25	1	11	12	2	20.7	28			
26/10/24 20:30	1	12	13	2	20.7	28			
26/10/24 20:35	1	12	13	2	20.6	28			
26/10/24 20:40	1	11	12	2	20.5	28			
26/10/24 20:45	1	12	13	3	20.5	28			
26/10/24 20:50	1	12	13	3	20.4	28			
26/10/24 20:55	1	12	13	3	20.3	29			
26/10/24 21:00	1	12	13	3	20.1	29			
26/10/24 21:05	1	12	13	2	20.0	29			
26/10/24 21:10	1	12	14	2	20.0	29			
26/10/24 21:15	1	13	14	2	20.0	29			
26/10/24 21:20	1	13	14	3	19.8	29			
26/10/24 21:25	1	13	14	3	19.8	29			
26/10/24 21:30	1	13	14	3	19.7	28			
26/10/24 21:35	1	13	14	3	19.7	28			
26/10/24 21:40	2	14	16	3	19.7	28			
26/10/24 21:45	2	12	13	3	19.5	29			
26/10/24 21:50	2	12	13	3	19.5	29			
26/10/24 21:55	1	12	13	3	19.4	28			
26/10/24 22:00	1	11	12	3	19.3	28			
26/10/24 22:05	1	11	12	3	19.4	28			
26/10/24 22:10	1	11	11	3	19.4	28			
26/10/24 22:15	1	10	11	3	19.3	27			
26/10/24 22:20	1	9	10	3	19.4	27			
26/10/24 22:25	1	9	10	3	19.3	27			
26/10/24 22:30	1	9	10	3	19.3	27			
26/10/24 22:35	1	10	10	3	19.4	27			
26/10/24 22:40	1	10	10	3	19.3	28			
26/10/24 22:45	0	10	10	3	19.2	28			
26/10/24 22:50	1	10	11	3	19.1	29			
26/10/24 22:55	1	11	11	3	19.1	28			
26/10/24 23:00	1	11	12	3	19.1	28			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/10/24 23:05	1	11	12	3	19.0	29			
26/10/24 23:10	1	11	11	3	19.0	29			
26/10/24 23:15	1	10	11	3	18.9	29			
26/10/24 23:20	1	10	11	3	18.9	29			
26/10/24 23:25	1	10	11	3	18.9	29			
26/10/24 23:30	1	10	11	3	18.9	29			
26/10/24 23:35	1	10	11	3	18.9	29			
26/10/24 23:40	1	10	11	3	19.0	29			
26/10/24 23:45	1	10	10	2	19.0	29			
26/10/24 23:50	1	10	10		19.1	29			
26/10/24 23:55	1	9	10		19.0	30			
27/10/24 00:00	1	9	10	3	18.9	31			
27/10/24 00:05	0	9	10	2	18.8	32			
27/10/24 00:10	0	10	10	2	18.7	31			
27/10/24 00:15	0	10	10	1	18.7	31			
27/10/24 00:20	0	11	11	1	18.6	31			
27/10/24 00:25	1	11	11	1	18.7	31			
27/10/24 00:30	0	10	10	2	18.7	31			
27/10/24 00:35	0	9	9	2	18.8	32			
27/10/24 00:40	0	8	9	1	18.7	30			
27/10/24 00:45	0	8	9	1	18.8	30			
27/10/24 00:50	0	8	8	1	18.7	31			
27/10/24 00:55	0	8	8	1	18.7	31			
27/10/24 01:00	0	9	9	1	18.7	31			
27/10/24 01:05					18.7	31			
27/10/24 01:10					18.7	31			
27/10/24 01:15					18.7	31			
27/10/24 01:20					18.8	30			
27/10/24 01:25					18.9	30			
27/10/24 01:30					18.9	29			
27/10/24 01:35					18.9	29			
27/10/24 01:40					19.0	30			
27/10/24 01:45					19.0	29			
27/10/24 01:50					19.0	29			
27/10/24 01:55					19.1	30			
27/10/24 02:00					19.1	30			
27/10/24 02:05	0	5	5	1	19.1	30			
27/10/24 02:10	0	5	5	2	19.0	30			
27/10/24 02:15	0	5	5	1	18.9	31			
27/10/24 02:20	0	5	5	2	18.9	31			
27/10/24 02:25	0	5	5	1	18.8	31			
27/10/24 02:30	0	5	5	2	18.8	31			
27/10/24 02:35	0	5	5	1	18.6	32			
27/10/24 02:40	0	5	5	2	18.7	32			
27/10/24 02:45	0	5	5	2	18.5	32			
27/10/24 02:50	0	6	6	2	18.4	33			
27/10/24 02:55	0	6	6	1	18.4	33			
27/10/24 03:00	0	6	7	1	18.3	33			
27/10/24 03:05	0	6	6	1	18.3	33			
27/10/24 03:10	0	6	6	1	18.2	33			
27/10/24 03:15	0	6	6	2	18.2	33			
27/10/24 03:20	0	6	6	2	18.3	33			
27/10/24 03:25	0	5	6	2	18.3	33			
27/10/24 03:30	0	5	6	2	18.3	34			
27/10/24 03:35	0	6	6	2	18.3	34			
27/10/24 03:40	0	5	6	2	18.2	35			
27/10/24 03:45	0	6	6	1	18.1	35			
27/10/24 03:50	0	6	6	1	18.1	35			
27/10/24 03:55	0	6	6	1	18.1	35			
27/10/24 04:00	0	6	6	1	18.1	35			
27/10/24 04:05	0	5	6	1	18.2	35			
27/10/24 04:10	0	5	5	1	18.2	35			
27/10/24 04:15	0	5	5	0	18.1	34			
27/10/24 04:20	0	5	5	0	18.2	34			
27/10/24 04:25	0	5	5	0	18.2	34			
27/10/24 04:30	0	5	5	0	18.2	35			
27/10/24 04:35	0	5	5	0	18.2	35			
27/10/24 04:40	0	6	6	0	18.1	35			
27/10/24 04:45	0	6	6	0	18.1	35			
27/10/24 04:50	0	7	7	1	18.1	35			
27/10/24 04:55	0	8	8	1	18.2	35			
27/10/24 05:00	0	8	9	1	18.2	35			
27/10/24 05:05	0	8	8	1	18.3	35			
27/10/24 05:10	0	7	7	1	18.3	35			
27/10/24 05:15	0	6	6	1	18.2	35			
27/10/24 05:20	0	6	6	0	18.2	35			
27/10/24 05:25	0	6	6	0	18.1	36			
27/10/24 05:30	0	6	6	1	18.0	36			
27/10/24 05:35	0	6	6	1	17.9	36			
27/10/24 05:40	0	6	6	1	18.0	36			
27/10/24 05:45	0	6	6	1	18.1	36			
27/10/24 05:50	0	6	7	1	18.2	35			
27/10/24 05:55	0	7	7	1	18.2	35			
27/10/24 06:00	0	6	7	1	18.4	35			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/10/24 06:05	0	6	6	1	18.7	35			
27/10/24 06:10	0	6	6	1	18.8	35			
27/10/24 06:15	0	5	6	1	18.7	35			
27/10/24 06:20	0	5	5	1	18.6	36			
27/10/24 06:25	0	5	5	1	18.7	36			
27/10/24 06:30	0	5	5	1	18.7	36			
27/10/24 06:35	0	5	5	1	18.7	36			
27/10/24 06:40	1	5	6	1	18.8	36			
27/10/24 06:45	1	6	7	1	18.8	36			
27/10/24 06:50	1	6	7	1	18.9	36			
27/10/24 06:55	1	6	7	1	19.2	35			
27/10/24 07:00	1	6	7	1	19.1	35			
27/10/24 07:05	1	6	6	1	19.2	35			
27/10/24 07:10	1	5	6	1	19.2	34			
27/10/24 07:15	1	5	6	1	19.4	35			
27/10/24 07:20	1	5	6	0	19.3	35			
27/10/24 07:25	1	6	7	1	19.4	35			
27/10/24 07:30	1	6	7	1	19.4	35			
27/10/24 07:35	1	6	6	1	19.4	35			
27/10/24 07:40	1	5	6	1	19.4	35			
27/10/24 07:45	1	5	6	0	19.6	35			
27/10/24 07:50	1	5	7	0	19.7	35			
27/10/24 07:55	1	5	7	0	19.7	34			
27/10/24 08:00	1	5	7	0	19.7	35			
27/10/24 08:05	1	5	6	1	19.6	35			
27/10/24 08:10	1	5	6	1	19.6	35			
27/10/24 08:15	1	5	6	1	19.7	34			
27/10/24 08:20	1	5	6	1	20.2	33			
27/10/24 08:25	1	5	6	1	20.4	34			
27/10/24 08:30	1	5	6	1	20.4	33			
27/10/24 08:35	1	5	6	1	20.7	33			
27/10/24 08:40	1	5	6	1	20.6	33			
27/10/24 08:45	1	5	6	1	20.6	32			
27/10/24 08:50	1	4	5	1	20.9	32			
27/10/24 08:55	1	4	5	1	20.9	32			
27/10/24 09:00	1	4	5	1	20.9	33			
27/10/24 09:05	1	4	5	1	20.8	32			
27/10/24 09:10	1	4	5	1	21.0	32			
27/10/24 09:15	1	4	5	1	21.2	32			
27/10/24 09:20	1	4	5	1	21.5	31			
27/10/24 09:25	1	4	5	1	21.6	31			
27/10/24 09:30	1	4	5	1	21.8	31			
27/10/24 09:35	1	4	5	1	21.8	31			
27/10/24 09:40	1	4	5	1	22.0	31			
27/10/24 09:45	1	4	5	1	22.2	31			
27/10/24 09:50	1	4	5	1	22.8	30			
27/10/24 09:55	1	4	5	1	23.3	29			
27/10/24 10:00	1	4	5	1	23.8	29			
27/10/24 10:05	1	4	5	1	24.1	28			
27/10/24 10:10	1	4	5	1	24.3	28			
27/10/24 10:15	2	4	6	1	24.4	27			
27/10/24 10:20	1	4	6	1	24.9	26			
27/10/24 10:25	1	4	6	1	25.3	25			
27/10/24 10:30	1	4	5	1	25.1	26			
27/10/24 10:35	1	4	5	1	25.2	26			
27/10/24 10:40	1	4	5	1	25.0	26			
27/10/24 10:45	1	4	5	1	25.1	27			
27/10/24 10:50	1	4	6	1	25.1	27			
27/10/24 10:55	1	5	6	1	24.9	27			
27/10/24 11:00	1	5	6	1	24.9	27			
27/10/24 11:05	1	5	6	1	24.6	28			
27/10/24 11:10	1	5	6	1	24.4	28			
27/10/24 11:15	1	6	7	1	24.5	28			
27/10/24 11:20	1	6	7	1	24.7	28			
27/10/24 11:25	1	5	7	1	24.7	30			
27/10/24 11:30	1	5	6	1	24.3	32			
27/10/24 11:35	1	5	5	1	22.6	41			
27/10/24 11:40	1	4	5	1	22.2	39			
27/10/24 11:45	1	3	4	1	22.5	39			
27/10/24 11:50	1	4	4	1	22.5	42			
27/10/24 11:55	0	4	4	1	22.3	41			
27/10/24 12:00	0	3	4	1	22.4	41			
27/10/24 12:05	0	3	3	1	22.4	41			
27/10/24 12:10	0	2	3	1	22.6	41			
27/10/24 12:15	0	2	3	1	22.6	38			
27/10/24 12:20	0	2	3	1	22.6	41			
27/10/24 12:25	0	2	2	1	22.8	39			
27/10/24 12:30	0	2	2	1	23.1	38			
27/10/24 12:35	0	2	2	1	23.2	37			
27/10/24 12:40	0	2	2	1	23.5	35			
27/10/24 12:45	0	2	2	1	23.9	36			
27/10/24 12:50	0	2	2	1	24.7	33			
27/10/24 12:55	0	2	2	1	25.1	30			
27/10/24 13:00	0	2	3	1	24.8	32			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/10/24 13:05	0	3	3	1	24.6	34			
27/10/24 13:10	0	3	3	1	24.5	37			
27/10/24 13:15	0	2	3	1	24.0	35			
27/10/24 13:20	0	2	3	1	24.0	38			
27/10/24 13:25	0	2	3	1	24.1	37			
27/10/24 13:30	0	2	3	1	24.4	34			
27/10/24 13:35	0	2	3	1	24.1	37			
27/10/24 13:40	0	2	3	1	24.1	41			
27/10/24 13:45	0	3	3	1	24.1	41			
27/10/24 13:50	0	3	3	1	24.0	42			
27/10/24 13:55	1	3	4	1	23.3	42			
27/10/24 14:00	1	3	4	1	23.6	41			
27/10/24 14:05	0	3	3	1	23.8	42			
27/10/24 14:10	0	2	2	1	23.8	44			
27/10/24 14:15	0	2	2	1	23.3	45			
27/10/24 14:20	0	2	2	1	22.9	47			
27/10/24 14:25	0	2	3	1	22.8	50			
27/10/24 14:30	0	2	3	1	22.7	49			
27/10/24 14:35	0	3	3	1	22.6	50			
27/10/24 14:40	0	3	3	1	22.3	52			
27/10/24 14:45	0	3	3	1	22.1	58			
27/10/24 14:50	1	3	4	1	21.7	60			
27/10/24 14:55	0	2	3	1	21.6	61			
27/10/24 15:00	0	2	2	1	21.8	61			
27/10/24 15:05	0	1	2	1	21.9	60			
27/10/24 15:10	0	1	1	1	21.0	63			
27/10/24 15:15	0	2	2	0	20.3	68			
27/10/24 15:20	0	2	3	1	20.0	70			
27/10/24 15:25	0	3	3	1	20.0	69			
27/10/24 15:30	1	3	3	1	19.8	70			
27/10/24 15:35	0	2	3	1	19.4	71			
27/10/24 15:40	0	2	2	1	19.5	71			
27/10/24 15:45	0	2	2	1	19.7	69			
27/10/24 15:50	0	1	2	1	19.6	69			
27/10/24 15:55	0	1	1	1	19.4	70			
27/10/24 16:00	0	1	1	1	19.1	69			
27/10/24 16:05	0	1	1	1	19.1	69			
27/10/24 16:10	0	1	1	1	19.2	69			
27/10/24 16:15	0	1	1	1	19.4	66			
27/10/24 16:20	0	1	1	1	19.6	65			
27/10/24 16:25	0	1	1	1	19.7	64			
27/10/24 16:30	0	1	1	1	19.4	64			
27/10/24 16:35	0	1	1	1	19.3	66			
27/10/24 16:40	0	1	1	1	19.4	64			
27/10/24 16:45	0	1	1	1	19.6	64			
27/10/24 16:50	0	1	1	1	19.7	61			
27/10/24 16:55	0	1	1	1	19.6	62			
27/10/24 17:00	0	1	1	1	19.3	63			
27/10/24 17:05	0	1	1	1	19.1	64			
27/10/24 17:10	0	1	1	1	19.0	64			
27/10/24 17:15	0	1	1	1	18.8	66			
27/10/24 17:20	0	1	1	1	18.6	67			
27/10/24 17:25	0	1	1	1	18.6	68			
27/10/24 17:30	0	1	1	1	18.6	68			
27/10/24 17:35	0	1	1	1	18.6	67			
27/10/24 17:40	0	1	1	1	18.5	67			
27/10/24 17:45	0	1	1	1	18.4	67			
27/10/24 17:50	0	1	1	1	18.4	68			
27/10/24 17:55	0	1	1	1	18.2	69			
27/10/24 18:00	0	1	1	1	18.0	68			
27/10/24 18:05	0	1	1	1	17.9	68			
27/10/24 18:10	0	1	0	1	17.8	69			
27/10/24 18:15	0	1	0	1	17.8	69			
27/10/24 18:20	0	1	0	1	17.7	70			
27/10/24 18:25	0	1	0	1	17.7	70			
27/10/24 18:30	0	0	0	1	17.6	71			
27/10/24 18:35	0	0	1	1	17.6	71			
27/10/24 18:40	0	0	1	1	17.6	72			
27/10/24 18:45	0	0	1	1	17.6	72			
27/10/24 18:50	0	0	1	1	17.5	71			
27/10/24 18:55	0	1	1	1	17.6	73			
27/10/24 19:00	0	1	1	1	17.5	72			
27/10/24 19:05	0	1	1	1	17.4	72			
27/10/24 19:10	0	1	1	1	17.3	72			
27/10/24 19:15	0	1	1	1	17.2	74			
27/10/24 19:20	0	0	1	1	17.2	73			
27/10/24 19:25	0	0	1	1	17.1	74			
27/10/24 19:30	0	0	1	1	17.1	76			
27/10/24 19:35	0	0	0	1	17.1	78			
27/10/24 19:40	0	0	0	1	17.0	79			
27/10/24 19:45	0	0	0	1	16.9	79			
27/10/24 19:50	0	0	1	1	16.9	80			
27/10/24 19:55	0	0	1	1	16.9	80			
27/10/24 20:00	0	0	1	1	16.9	81			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/10/24 20:05	0	0	1	1	16.9	80			
27/10/24 20:10	0	0	1	1	16.9	80			
27/10/24 20:15	0	0	1	1	16.9	80			
27/10/24 20:20	0	1	1	1	16.7	79			
27/10/24 20:25	0	1	1	1	16.9	80			
27/10/24 20:30	0	1	1	1	16.9	80			
27/10/24 20:35	0	1	1	1	16.9	80			
27/10/24 20:40	0	1	1	1	16.8	79			
27/10/24 20:45	0	1	1	1	16.8	79			
27/10/24 20:50	0	1	1	1	16.7	79			
27/10/24 20:55	0	1	1	1	16.8	78			
27/10/24 21:00	0	1	1	1	16.8	79			
27/10/24 21:05	0	0	0	1	16.8	78			
27/10/24 21:10	0	0	0	1	16.9	78			
27/10/24 21:15	0	0	0	1	16.9	79			
27/10/24 21:20	0	0	1	1	16.9	78			
27/10/24 21:25	0	1	1	1	16.9	78			
27/10/24 21:30	0	1	1	1	16.8	77			
27/10/24 21:35	0	1	1	1	16.8	74			
27/10/24 21:40	0	1	1	1	16.8	74			
27/10/24 21:45	0	1	1	1	16.8	75			
27/10/24 21:50	0	1	1	1	16.8	76			
27/10/24 21:55	0	1	1	1	16.7	77			
27/10/24 22:00	0	2	2	1	16.7	78			
27/10/24 22:05	0	1	2	1	16.6	79			
27/10/24 22:10	0	1	1	1	16.7	81			
27/10/24 22:15	0	1	1	1	16.5	80			
27/10/24 22:20	0	1	1	1	16.4	79			
27/10/24 22:25	0	1	1	1	16.4	80			
27/10/24 22:30	0	1	1	1	16.2	78			
27/10/24 22:35	0	1	1	1	16.3	79			
27/10/24 22:40	0	1	2	1	16.3	79			
27/10/24 22:45	1	2	2	1	16.3	80			
27/10/24 22:50	0	0	0	1	16.3	80			
27/10/24 22:55	0	0	1	1	16.2	79			
27/10/24 23:00	0	0	1	1	16.1	80			
27/10/24 23:05	0	1	1	1	16.0	79			
27/10/24 23:10	0	1	1	1	16.1	78			
27/10/24 23:15	0	1	1	1	16.1	79			
27/10/24 23:20	0	1	1	1	16.1	79			
27/10/24 23:25	0	1	1	1	16.0	80			
27/10/24 23:30	0	1	1	1	16.0	76			
27/10/24 23:35	0	1	1	1	15.9	75			
27/10/24 23:40	0	1	1	1	15.9	73			
27/10/24 23:45	0	1	1	1	15.8	72			
27/10/24 23:50	0	1	1		15.8	73			
27/10/24 23:55	0	2	2		15.7	72			
28/10/24 00:00	0	3	3	1	15.6	73			
28/10/24 00:05	0	3	3	1	15.6	72			
28/10/24 00:10	0	3	3	1	15.5	71			
28/10/24 00:15	0	5	6	1	15.5	72			
28/10/24 00:20	0	8	8	1	15.6	72			
28/10/24 00:25	0	8	8	1	15.4	71			
28/10/24 00:30	1	6	6	1	15.3	73			
28/10/24 00:35	1	5	5	1	15.4	72			
28/10/24 00:40	1	2	3	1	15.2	73			
28/10/24 00:45	0	1	2	1	15.3	74			
28/10/24 00:50	0	1	2	1	15.2	75			
28/10/24 00:55	0	2	2	1	15.1	73			
28/10/24 01:00	0	3	3	1	15.0	75			
28/10/24 01:05					15.1	75			
28/10/24 01:10					14.9	74			
28/10/24 01:15					14.8	76			
28/10/24 01:20					14.8	76			
28/10/24 01:25					14.7	77			
28/10/24 01:30					14.7	78			
28/10/24 01:35					14.7	77			
28/10/24 01:40					14.6	78			
28/10/24 01:45					14.7	78			
28/10/24 01:50					14.6	79			
28/10/24 01:55					14.7	79			
28/10/24 02:00					14.7	79			
28/10/24 02:05	0	3	3	1	14.6	78			
28/10/24 02:10	1	15	15	1	14.5	78			
28/10/24 02:15	2	20	21	1	14.5	78			
28/10/24 02:20	2	15	17	1	14.5	78			
28/10/24 02:25	2	15	17	1	14.7	78			
28/10/24 02:30	2	14	17	1	14.7	77			
28/10/24 02:35	3	12	15	1	14.7	78			
28/10/24 02:40	2	7	10	1	14.7	77			
28/10/24 02:45	2	6	8	1	14.6	77			
28/10/24 02:50	2	6	7	1	14.7	77			
28/10/24 02:55	1	5	7	1	14.6	77			
28/10/24 03:00	1	11	12	1	14.6	77			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/10/24 03:05	2	18	20	1	14.6	77			
28/10/24 03:10	2	9	11	1	14.6	78			
28/10/24 03:15	2	3	5	1	14.6	78			
28/10/24 03:20	1	5	6	2	14.5	79			
28/10/24 03:25	2	13	15	1	14.4	78			
28/10/24 03:30	2	15	16	1	14.4	79			
28/10/24 03:35	2	14	15	1	14.5	80			
28/10/24 03:40	2	10	12	1	14.6	79			
28/10/24 03:45	2	7	9	1	14.5	79			
28/10/24 03:50	2	20	22	1	14.5	79			
28/10/24 03:55	3	17	19	1	14.4	78			
28/10/24 04:00	3	16	19	1	14.4	78			
28/10/24 04:05	3	16	19	1	14.4	78			
28/10/24 04:10	3	15	18	1	14.3	78			
28/10/24 04:15	3	13	16	1	14.4	78			
28/10/24 04:20	3	16	19	1	14.3	79			
28/10/24 04:25	3	20	24	1	14.4	79			
28/10/24 04:30	4	17	21	1	14.3	79			
28/10/24 04:35	4	20	24	2	14.3	78			
28/10/24 04:40	4	19	23	2	14.3	78			
28/10/24 04:45	5	18	22	1	14.3	79			
28/10/24 04:50	5	15	20	2	14.2	80			
28/10/24 04:55	4	7	11	1	14.3	80			
28/10/24 05:00	3	6	10	2	14.1	80			
28/10/24 05:05	3	11	14	2	14.1	80			
28/10/24 05:10	3	12	15	1	14.0	81			
28/10/24 05:15	3	11	14	2	14.1	81			
28/10/24 05:20	3	12	14	2	13.9	81			
28/10/24 05:25	3	12	15	2	14.0	82			
28/10/24 05:30	3	14	17	2	13.9	82			
28/10/24 05:35	4	16	20	1	13.8	83			
28/10/24 05:40	4	16	20	1	13.7	83			
28/10/24 05:45	5	19	24	1	13.7	83			
28/10/24 05:50	5	11	16	1	13.6	84			
28/10/24 05:55	5	13	18	1	13.6	83			
28/10/24 06:00	6	23	30	2	13.6	84			
28/10/24 06:05	8	19	26	1	13.6	84			
28/10/24 06:10	8	16	24	1	13.6	84			
28/10/24 06:15	14	20	34	1	13.6	84			
28/10/24 06:20	7	9	15	2	13.5	84			
28/10/24 06:25	7	15	22	2	13.5	84			
28/10/24 06:30	15	19	34	2	13.7	84			
28/10/24 06:35	17	25	42	2	13.7	84			
28/10/24 06:40	16	16	33	2	13.7	83			
28/10/24 06:45	8	13	20	2	13.7	84			
28/10/24 06:50	3	7	10	2	13.6	83			
28/10/24 06:55	2	6	8	2	13.8	84			
28/10/24 07:00	2	6	8	2	13.9	84			
28/10/24 07:05	2	5	7	1	14.0	82			
28/10/24 07:10	2	5	7	1	14.1	82			
28/10/24 07:15	2	4	6	1	14.2	82			
28/10/24 07:20	1	4	5	1	14.1	83			
28/10/24 07:25	1	4	5	1	14.1	84			
28/10/24 07:30	1	4	5	1	14.1	83			
28/10/24 07:35	1	4	5	1	14.1	84			
28/10/24 07:40	1	4	4	1	14.1	85			
28/10/24 07:45	1	3	4	2	14.2	84			
28/10/24 07:50	1	3	4	2	14.4	84			
28/10/24 07:55	1	3	3	2	14.5	84			
28/10/24 08:00	1	3	3	2	14.5	83			
28/10/24 08:05	1	3	3	2	14.5	83			
28/10/24 08:10	1	3	3	2	14.6	83			
28/10/24 08:15	1	3	3	1	14.7	80			
28/10/24 08:20	1	2	3	2	14.7	82			
28/10/24 08:25	1	2	3	1	14.9	78			
28/10/24 08:30	1	2	3	2	15.1	73			
28/10/24 08:35	1	2	3	2	15.1	73			
28/10/24 08:40	0	2	2	2	15.3	70			
28/10/24 08:45	0	2	2	2	15.5	69			
28/10/24 08:50	1	2	2	2	15.4	67			
28/10/24 08:55	0	1	1	2	15.3	69			
28/10/24 09:00	0	1	1	2	15.2	71			
28/10/24 09:05	0	1	1	2	15.1	73			
28/10/24 09:10	0	1	1	2	15.1	71			
28/10/24 09:15	1	1	2	2	15.4	65			
28/10/24 09:20	1	2	3	2	15.6	68			
28/10/24 09:25	1	1	2	2	15.5	69			
28/10/24 09:30	0	1	1	2	15.6	67			
28/10/24 09:35	0	1	1	2	15.5	66			
28/10/24 09:40	0	1	1	2	15.5	66			
28/10/24 09:45	0	1	1	1	15.7	66			
28/10/24 09:50	0	1	1	1	15.7	67			
28/10/24 09:55	0	1	1	1	15.7	65			
28/10/24 10:00	0	1	1	2	16.1	65			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/10/24 10:05	0	1	1	2	16.0	63			
28/10/24 10:10	0	1	1	2	16.2	62			
28/10/24 10:15	0	1	1	2	16.2	62			
28/10/24 10:20	0	1	1	2	15.8	67			
28/10/24 10:25	0	1	1	2	15.8	66			
28/10/24 10:30	0	1	1	2	16.1	62			
28/10/24 10:35	0	1	1	2	16.1	62			
28/10/24 10:40	0	1	1	2	16.4	64			
28/10/24 10:45	0	1	1	2	16.5	60			
28/10/24 10:50	0	1	1	2	16.4	61			
28/10/24 10:55	0	1	1	2	16.3	62			
28/10/24 11:00	0	1	2	2	16.1	64			
28/10/24 11:05	1	1	2	2	16.2	62			
28/10/24 11:10	0	1	2	1	16.2	63			
28/10/24 11:15	0	1	2	1	16.2	62			
28/10/24 11:20	0	1	1	1	15.8	63			
28/10/24 11:25	0	1	1	1	15.9	58			
28/10/24 11:30	0	1	1	1	16.2	57			
28/10/24 11:35	0	1	1	1	16.1	56			
28/10/24 11:40	0	1	1	2	16.3	55			
28/10/24 11:45	0	1	1	1	16.7	53			
28/10/24 11:50	0	1	1	1	16.7	54			
28/10/24 11:55	0	1	1	1	17.0	54			
28/10/24 12:00	0	1	1	1	17.0	56			
28/10/24 12:05	0	1	1	1	17.1	53			
28/10/24 12:10	0	1	1	1	16.9	55			
28/10/24 12:15	0	1	1	1	17.2	55			
28/10/24 12:20	0	0	1	1	17.1	55			
28/10/24 12:25	0	0	0	1	17.1	55			
28/10/24 12:30	0	0	0	1	17.3	54			
28/10/24 12:35	0	0	1	1	17.2	53			
28/10/24 12:40	0	0	1	1	17.1	53			
28/10/24 12:45	0	1	1	1	17.2	53			
28/10/24 12:50	0	1	1	1	17.3	54			
28/10/24 12:55	0	1	1	1	17.4	52			
28/10/24 13:00	0	1	1	1	17.3	52			
28/10/24 13:05	0	1	1	2	17.4	52			
28/10/24 13:10	0	1	1	1	17.3	52			
28/10/24 13:15	0	1	1	1	17.3	53			
28/10/24 13:20	0	1	1	1	17.4	54			
28/10/24 13:25	0	1	1	1	17.5	54			
28/10/24 13:30	0	1	1	1	17.5	53			
28/10/24 13:35	0	1	1	1	17.3	54			
28/10/24 13:40	0	1	1	1	17.4	55			
28/10/24 13:45	0	0	1	1	17.4	55			
28/10/24 13:50	0	0	1	1	17.7	56			
28/10/24 13:55	0	1	1	1	17.5	57			
28/10/24 14:00	0	1	1	1	17.6	57			
28/10/24 14:05	0	1	1	1	17.6	58			
28/10/24 14:10	0	1	1	1	17.5	55			
28/10/24 14:15	0	1	1	1	17.5	53			
28/10/24 14:20	0	1	2	1	17.5	54			
28/10/24 14:25	0	1	2	1	17.5	55			
28/10/24 14:30	0	1	2	1	17.5	56			
28/10/24 14:35	0	1	2	2	17.6	56			
28/10/24 14:40	0	1	1	2	17.4	56			
28/10/24 14:45	0	1	1	2	17.5	57			
28/10/24 14:50	0	1	1	2	17.6	55			
28/10/24 14:55	0	1	1	2	17.4	56			
28/10/24 15:00	0	1	1	2	17.3	54			
28/10/24 15:05	0	1	1	2	17.3	52			
28/10/24 15:10	0	1	1	1	17.4	51			
28/10/24 15:15	0	1	1	2	17.4	51			
28/10/24 15:20	0	1	1	1	17.3	52			
28/10/24 15:25	0	1	1	1	17.5	54			
28/10/24 15:30	0	1	1	1	17.3	54			
28/10/24 15:35	0	1	1	2	17.1	55			
28/10/24 15:40	0	1	1	1	17.2	57			
28/10/24 15:45	0	1	1	1	17.2	55			
28/10/24 15:50	0	1	1	1	17.3	56			
28/10/24 15:55	1	2	3	2	17.4	54			
28/10/24 16:00	1	2	3	2	17.3	56			
28/10/24 16:05	1	2	3	1	17.3	55			
28/10/24 16:10	1	2	3	2	17.3	55			
28/10/24 16:15	1	1	2	1	17.1	53			
28/10/24 16:20	1	1	2	1	16.9	54			
28/10/24 16:25	1	1	2	2	17.0	55			
28/10/24 16:30	1	2	3	1	17.2	55			
28/10/24 16:35	1	2	3	1	17.2	55			
28/10/24 16:40	1	1	2	1	16.9	57			
28/10/24 16:45	1	1	3	1	16.8	57			
28/10/24 16:50	1	2	2	2	16.6	57			
28/10/24 16:55	1	2	2	2	16.8	59			
28/10/24 17:00	1	2	2	2	16.8	58			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/10/24 17:05	1	1	2	2	17.0	59			
28/10/24 17:10	1	1	2	2	16.7	60			
28/10/24 17:15	1	2	2	2	16.6	62			
28/10/24 17:20	1	2	2	1	16.6	62			
28/10/24 17:25	1	1	2	2	16.5	63			
28/10/24 17:30	1	1	2	2	16.2	64			
28/10/24 17:35	0	1	2	2	16.2	64			
28/10/24 17:40	0	1	2	2	16.1	66			
28/10/24 17:45	1	1	2	2	16.2	66			
28/10/24 17:50	0	1	2	2	15.9	65			
28/10/24 17:55	0	1	1	1	16.0	64			
28/10/24 18:00	0	1	1	1	15.9	65			
28/10/24 18:05	0	1	2	1	15.8	64			
28/10/24 18:10	0	1	2	1	15.8	65			
28/10/24 18:15	0	1	2	2	15.6	66			
28/10/24 18:20	0	1	1	2	15.6	67			
28/10/24 18:25	0	1	1	2	15.6	68			
28/10/24 18:30	0	1	1	1	15.6	68			
28/10/24 18:35	0	1	1	2	15.3	67			
28/10/24 18:40	0	1	1	2	15.4	67			
28/10/24 18:45	0	1	1	2	15.4	67			
28/10/24 18:50	0	1	1	2	15.2	66			
28/10/24 18:55	0	1	1	2	15.3	67			
28/10/24 19:00	0	1	1	2	15.1	66			
28/10/24 19:05	0	1	1	2	15.2	67			
28/10/24 19:10	0	1	1	2	15.2	67			
28/10/24 19:15	0	1	1	1	15.2	69			
28/10/24 19:20	0	2	2	1	15.2	68			
28/10/24 19:25	0	2	2	1	15.2	68			
28/10/24 19:30	0	2	2	1	15.2	67			
28/10/24 19:35	0	2	2	1	15.1	66			
28/10/24 19:40	0	2	2	2	15.0	67			
28/10/24 19:45	0	2	2	2	15.1	67			
28/10/24 19:50	0	2	2	2	15.0	65			
28/10/24 19:55	0	2	2	2	15.0	65			
28/10/24 20:00	0	2	2	1	15.0	65			
28/10/24 20:05	0	2	2	1	14.9	65			
28/10/24 20:10	0	2	2	1	14.9	68			
28/10/24 20:15	0	2	2	1	14.9	67			
28/10/24 20:20	0	2	2	1	14.8	66			
28/10/24 20:25	0	2	2	1	14.9	68			
28/10/24 20:30	0	2	2	1	14.8	66			
28/10/24 20:35	0	1	2	1	14.7	65			
28/10/24 20:40	0	1	1	2	14.8	67			
28/10/24 20:45	0	1	1	2	14.9	67			
28/10/24 20:50	0	1	1	2	14.9	68			
28/10/24 20:55	0	1	1	2	14.8	66			
28/10/24 21:00	0	1	1	2	14.8	67			
28/10/24 21:05	0	1	1	2	14.8	68			
28/10/24 21:10	0	1	1	2	14.8	69			
28/10/24 21:15	0	1	1	1	14.8	68			
28/10/24 21:20	0	1	1	1	14.8	70			
28/10/24 21:25	0	1	1	1	14.8	69			
28/10/24 21:30	0	1	1	2	15.0	70			
28/10/24 21:35	0	1	1	2	15.0	69			
28/10/24 21:40	0	1	1	2	15.0	70			
28/10/24 21:45	0	1	1	2	15.1	70			
28/10/24 21:50	0	1	1	2	15.0	68			
28/10/24 21:55	0	1	1	2	14.9	68			
28/10/24 22:00	0	1	1	2	14.9	67			
28/10/24 22:05	0	1	1	2	15.0	68			
28/10/24 22:10	0	1	1	2	14.9	69			
28/10/24 22:15	0	0	1	2	15.0	70			
28/10/24 22:20	0	0	0	2	15.0	68			
28/10/24 22:25	0	1	0	2	15.0	69			
28/10/24 22:30	0	1	1	1	15.0	69			
28/10/24 22:35	0	1	1	1	15.0	70			
28/10/24 22:40	0	1	1	1	15.0	69			
28/10/24 22:45	0	1	1	1	14.9	70			
28/10/24 22:50	0	1	1	1	14.9	70			
28/10/24 22:55	0	1	1	2	15.0	70			
28/10/24 23:00	0	1	1	2	15.0	70			
28/10/24 23:05	0	1	1	2	14.9	68			
28/10/24 23:10	0	1	1	2	15.0	71			
28/10/24 23:15	0	1	1	2	14.9	69			
28/10/24 23:20	0	1	1	1	15.1	71			
28/10/24 23:25	0	1	1	1	15.0	71			
28/10/24 23:30	0	1	1	1	15.1	69			
28/10/24 23:35	0	1	1	1	15.1	69			
28/10/24 23:40	0	1	1	1	15.0	67			
28/10/24 23:45	0	1	1	1	15.0	69			
28/10/24 23:50	0	1	1		15.1	72			
28/10/24 23:55	0	1	1		15.0	74			
29/10/24 00:00	0	1	1	1	14.8	73			

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/10/24 00:05	0	1	1	2	14.8	72			
29/10/24 00:10	0	1	1	2	14.9	73			
29/10/24 00:15	0	1	1	2	14.6	73			
29/10/24 00:20	0	1	1	2	14.5	73			
29/10/24 00:25	0	1	1	3	14.4	72			
29/10/24 00:30	0	1	1	2	14.4	72			
29/10/24 00:35	0	2	2	3	14.3	72			
29/10/24 00:40	0	3	3	2	14.0	72			
29/10/24 00:45	0	3	4	3	13.9	72			
29/10/24 00:50	0	4	4	3	13.9	74			
29/10/24 00:55	0	4	5	3	13.9	74			
29/10/24 01:00	0	5	5	3	13.7	74			
29/10/24 01:05					13.7	75			
29/10/24 01:10					13.6	74			
29/10/24 01:15					13.5	73			
29/10/24 01:20					13.5	73			
29/10/24 01:25					13.4	73			
29/10/24 01:30					13.2	74			
29/10/24 01:35					13.1	73			
29/10/24 01:40					13.1	74			
29/10/24 01:45					13.0	75			
29/10/24 01:50					13.0	75			
29/10/24 01:55					12.8	75			
29/10/24 02:00					12.8	75			
29/10/24 02:05	0	5	5	3	12.7	76			
29/10/24 02:10	0	5	6	3	12.7	76			
29/10/24 02:15	0	6	7	3	12.6	77			
29/10/24 02:20	0	9	9	3	12.6	77			
29/10/24 02:25	1	12	13	3	12.6	76			
29/10/24 02:30	1	12	12	3	12.3	76			
29/10/24 02:35	1	10	11	2	12.2	76			
29/10/24 02:40	0	9	9	2	12.1	75			
29/10/24 02:45	0	9	9	2	12.0	75			
29/10/24 02:50	0	10	10	2	12.2	76			
29/10/24 02:55	1	11	11	2	12.1	75			
29/10/24 03:00	1	14	15	2	12.0	75			
29/10/24 03:05	1	18	19	2	12.0	76			
29/10/24 03:10	2	19	21	2	11.8	75			
29/10/24 03:15	2	20	22	2	11.7	76			
29/10/24 03:20	2	19	21	2	11.5	75			
29/10/24 03:25	2	18	20	2	11.4	76			
29/10/24 03:30	2	17	19	2	11.4	76			
29/10/24 03:35	2	17	19	2	11.3	77			
29/10/24 03:40	2	18	20	2	11.4	77			
29/10/24 03:45	2	18	21	2	11.3	77			
29/10/24 03:50	3	19	21	2	11.3	77			
29/10/24 03:55	4	19	23	2	11.3	77			
29/10/24 04:00	4	19	24	2	11.3	77			
29/10/24 04:05	5	20	24	2	11.3	77			
29/10/24 04:10	5	20	25	2	11.4	78			
29/10/24 04:15	6	20	26	2	11.5	77			
29/10/24 04:20	7	20	27	3	11.6	77			
29/10/24 04:25	8	21	28	3	11.7	77			
29/10/24 04:30	9	21	30	3	11.7	77			
29/10/24 04:35	10	21	31	3	11.7	77			
29/10/24 04:40	11	21	32	3	11.9	77			
29/10/24 04:45	11	22	33	3	11.9	76			
29/10/24 04:50	12	22	34	3	12.1	77			
29/10/24 04:55	13	22	35	3	12.2	76			
29/10/24 05:00	14	22	36	3	12.3	76			
29/10/24 05:05	12	22	34	2	12.4	76			
29/10/24 05:10	7	24	30	2	12.6	77			
29/10/24 05:15	6	21	27	3	12.8	77			
29/10/24 05:20	9	23	32	3	12.8	77			
29/10/24 05:25	17	24	40	3	12.9	78			
29/10/24 05:30	11	20	31	3	12.9	77			
29/10/24 05:35	11	19	30	3	13.0	77			
29/10/24 05:40	11	20	31	3	13.2	77			
29/10/24 05:45	5	16	21	3	13.1	77			
29/10/24 05:50	7	18	25	3	13.1	77			
29/10/24 05:55	3	15	18	3	13.2	77			
29/10/24 06:00	6	16	21	3	13.1	76			
29/10/24 06:05	19	24	43	3	13.3	77			
29/10/24 06:10	20	22	42	3	13.3	76			
29/10/24 06:15	12	20	32	3	13.3	76			
29/10/24 06:20	11	21	32	3	13.3	76			
29/10/24 06:25	12	24	36	3	13.3	76			
29/10/24 06:30	7	16	23	3	13.4	76			
29/10/24 06:35	7	18	25	3	13.3	75			
29/10/24 06:40	9	19	28	3	13.4	76			
29/10/24 06:45	9	22	31	3	13.4	75			
29/10/24 06:50	9	15	23	3	13.4	75			
29/10/24 06:55	9	15	24	3	13.4	76			
29/10/24 07:00	9	16	25	3	13.5	74			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/10/24 07:05	8	14	22	3	13.4	75			
29/10/24 07:10	5	12	17	3	13.4	75			
29/10/24 07:15	5	13	18	3	13.6	75			
29/10/24 07:20	5	12	17	3	13.6	75			
29/10/24 07:25	6	13	19	3	13.6	74			
29/10/24 07:30	5	11	16	3	13.6	75			
29/10/24 07:35	5	13	19	3	13.7	74			
29/10/24 07:40	5	11	16	3	13.8	74			
29/10/24 07:45	4	7	11	3	13.9	74			
29/10/24 07:50	4	7	11	3	13.8	74			
29/10/24 07:55	4	7	11	3	13.9	73			
29/10/24 08:00	4	7	11	3	13.9	72			
29/10/24 08:05	4	7	11	3	13.9	72			
29/10/24 08:10	3	5	8	2	14.1	72			
29/10/24 08:15	3	6	8	2	14.2	71			
29/10/24 08:20	3	6	9	2	14.3	71			
29/10/24 08:25	3	6	9	2	14.3	71			
29/10/24 08:30	3	6	8	3	14.3	70			
29/10/24 08:35	3	6	8	3	14.3	69			
29/10/24 08:40	2	5	7	3	14.3	69			
29/10/24 08:45	2	5	7	3	14.4	68			
29/10/24 08:50	2	4	6	3	14.4	67			
29/10/24 08:55	2	4	6	3	14.5	67			
29/10/24 09:00	2	5	7	3	14.6	67			
29/10/24 09:05	2	4	6	3	14.6	68			
29/10/24 09:10	2	4	6	3	14.8	68			
29/10/24 09:15	2	4	5	3	14.8	67			
29/10/24 09:20	2	5	7	3	14.9	66			
29/10/24 09:25	2	5	8	3	15.0	66			
29/10/24 09:30	2	4	6	3	15.0	67			
29/10/24 09:35	2	3	5	3	14.9	68			
29/10/24 09:40	2	3	4	3	14.9	68			
29/10/24 09:45	2	2	4	3	14.8	66			
29/10/24 09:50	1	2	4	3	14.9	65			
29/10/24 09:55	1	2	4	3	15.1	66			
29/10/24 10:00	1	3	4	2	15.4	65			
29/10/24 10:05	1	3	4	2	15.4	67			
29/10/24 10:10	1	2	3	3	15.4	67			
29/10/24 10:15	1	2	3	3	15.5	66			
29/10/24 10:20	1	2	3	3	15.4	65			
29/10/24 10:25	1	2	2	3	15.6	67			
29/10/24 10:30	1	2	2	3	15.5	64			
29/10/24 10:35	1	1	2	3	15.6	66			
29/10/24 10:40	1	1	2	3	15.7	65			
29/10/24 10:45	1	1	2	3	15.8	64			
29/10/24 10:50	1	1	2	3	15.8	65			
29/10/24 10:55	0	1	2	3	15.7	65			
29/10/24 11:00	0	1	2	3	15.7	65			
29/10/24 11:05	0	1	2	3	15.8	66			
29/10/24 11:10	0	1	2	3	15.8	66			
29/10/24 11:15	0	1	2	3	15.9	63			
29/10/24 11:20	0	1	2	3	16.1	64			
29/10/24 11:25	0	1	2	3	16.2	63			
29/10/24 11:30	0	1	1	3	16.3	63			
29/10/24 11:35	0	1	1	3	16.1	64			
29/10/24 11:40	0	1	1	2	16.4	65			
29/10/24 11:45	0	1	1	3	16.8	63			
29/10/24 11:50	0	1	1	2	16.4	61			
29/10/24 11:55	0	1	1	3	16.7	61			
29/10/24 12:00	0	1	1	3	17.0	62			
29/10/24 12:05	0	1	1	3	17.6	60			
29/10/24 12:10	0	1	2	3	17.0	62			
29/10/24 12:15	1	2	3	3	17.3	63			
29/10/24 12:20	1	2	3	3	17.6	59			
29/10/24 12:25	1	1	2	3	17.8	59			
29/10/24 12:30	1	1	2	3	17.9	58			
29/10/24 12:35	1	1	2	3	18.2	58			
29/10/24 12:40	1	1	2	3	18.4	57			
29/10/24 12:45	0	1	2	2	18.6	57			
29/10/24 12:50	0	1	2	2	18.7	55			
29/10/24 12:55	0	1	2	2	19.0	56			
29/10/24 13:00	0	2	2	2	18.9	57			
29/10/24 13:05	1	2	2	2	19.0	55			
29/10/24 13:10	0	2	2	2	19.3	54			
29/10/24 13:15	1	2	3	3	19.4	53			
29/10/24 13:20	1	2	3	3	19.2	54			
29/10/24 13:25	1	3	4	3	19.2	54			
29/10/24 13:30	2	4	6	3	19.2	55			
29/10/24 13:35	2	3	4	3	19.2	55			
29/10/24 13:40	2	1	3	3	19.1	57			
29/10/24 13:45	1	1	3	3	18.8	58			
29/10/24 13:50	1	1	2	3	18.3	61			
29/10/24 13:55	1	1	2	3	17.9	61			
29/10/24 14:00	1	1	1	3	17.5	62			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/10/24 14:05	1	1	2	3	17.9	62			
29/10/24 14:10	1	1	1	3	17.8	61			
29/10/24 14:15	0	1	1	3	17.4	63			
29/10/24 14:20	0	1	1	3	17.5	63			
29/10/24 14:25	0	1	1	3	17.3	64			
29/10/24 14:30	0	1	1	3	17.2	62			
29/10/24 14:35	0	1	1	3	17.1	63			
29/10/24 14:40	0	1	1	3	17.2	62			
29/10/24 14:45	0	1	1	3	17.2	64			
29/10/24 14:50	0	1	1	2	17.4	66			
29/10/24 14:55	0	1	1	2	17.8	65			
29/10/24 15:00	0	1	2	3	17.8	63			
29/10/24 15:05	0	1	2	3	17.9	63			
29/10/24 15:10	0	1	2	2	17.9	63			
29/10/24 15:15	0	1	1	2	18.0	62			
29/10/24 15:20	0	1	1	3	17.9	62			
29/10/24 15:25	0	1	1	3	17.8	62			
29/10/24 15:30	0	1	1	2	17.9	62			
29/10/24 15:35	0	1	1	3	17.7	63			
29/10/24 15:40	0	1	1	3	18.0	61			
29/10/24 15:45	0	1	1	3	17.9	62			
29/10/24 15:50	0	1	1	3	17.9	62			
29/10/24 15:55	0	1	1	3	17.9	62			
29/10/24 16:00	0	1	1	3	17.9	62			
29/10/24 16:05	0	1	1	3	17.9	62			
29/10/24 16:10	0	1	1	2	18.0	62			
29/10/24 16:15	0	1	1	2	18.2	60			
29/10/24 16:20	0	0	1	2	18.1	61			
29/10/24 16:25	0	0	1	2	18.0	61			
29/10/24 16:30	0	1	1	2	18.1	61			
29/10/24 16:35	0	1	1	2	18.0	61			
29/10/24 16:40	0	1	1	2	17.9	62			
29/10/24 16:45	0	1	1	2	18.0	61			
29/10/24 16:50	0	1	0	2	18.0	62			
29/10/24 16:55	0	0	1	2	18.2	62			
29/10/24 17:00	0	1	0	2	18.3	62			
29/10/24 17:05	0	0	1	2	18.1	62			
29/10/24 17:10	0	0	0	2	18.1	63			
29/10/24 17:15	0	0	0	2	17.9	63			
29/10/24 17:20	0	0	1	2	17.8	63			
29/10/24 17:25	0	0	1	3	17.9	64			
29/10/24 17:30	0	1	1	3	17.7	63			
29/10/24 17:35	0	1	1	2	17.6	63			
29/10/24 17:40	0	1	1	2	17.6	64			
29/10/24 17:45	1	2	2	3	17.5	64			
29/10/24 17:50	0	1	1	3	17.5	65			
29/10/24 17:55	0	1	1	3	17.2	63			
29/10/24 18:00	0	1	1	3	17.2	65			
29/10/24 18:05	0	2	2	3	17.1	65			
29/10/24 18:10	0	2	3	3	16.9	66			
29/10/24 18:15	0	3	3	3	16.7	67			
29/10/24 18:20	1	3	4	3	16.7	69			
29/10/24 18:25	1	4	4	2	16.5	71			
29/10/24 18:30	0	3	4	2	16.6	69			
29/10/24 18:35	0	3	3	2	16.3	70			
29/10/24 18:40	0	3	3	2	16.3	72			
29/10/24 18:45	0	3	3	2	16.2	71			
29/10/24 18:50	0	3	3	2	16.1	71			
29/10/24 18:55	0	3	3	2	16.0	74			
29/10/24 19:00	0	3	3	3	16.1	74			
29/10/24 19:05	0	3	3	3	15.9	75			
29/10/24 19:10	0	2	3	3	15.8	76			
29/10/24 19:15	0	2	2	2	16.0	77			
29/10/24 19:20	0	2	2	3	15.9	76			
29/10/24 19:25	0	2	2	3	15.8	75			
29/10/24 19:30	0	2	2	3	15.8	77			
29/10/24 19:35	0	2	2	3	15.8	76			
29/10/24 19:40	0	2	2	3	15.7	77			
29/10/24 19:45	0	2	2	3	15.8	76			
29/10/24 19:50	0	1	1	3	15.8	77			
29/10/24 19:55	0	1	1	3	15.8	76			
29/10/24 20:00	0	1	1	3	15.9	78			
29/10/24 20:05	0	1	1	3	15.8	76			
29/10/24 20:10	0	1	1	2	15.7	77			
29/10/24 20:15	0	1	0	2	15.7	77			
29/10/24 20:20	0	1	1	2	15.8	77			
29/10/24 20:25	0	1	1	2	15.7	77			
29/10/24 20:30	0	1	1	2	15.8	77			
29/10/24 20:35	0	1	1	2	15.8	76			
29/10/24 20:40	0	1	1	2	15.9	76			
29/10/24 20:45	0	1	1	2	15.9	76			
29/10/24 20:50	0	1	1	3	15.9	77			
29/10/24 20:55	0	1	1	3	16.0	76			
29/10/24 21:00	0	1	1	3	15.9	76			

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/10/24 21:05	0	1	1	3	15.8	75			
29/10/24 21:10	0	1	1	3	15.9	76			
29/10/24 21:15	0	1	1	3	15.9	77			
29/10/24 21:20	0	1	1	2	15.9	77			
29/10/24 21:25	0	1	1	2	15.9	77			
29/10/24 21:30	0	1	1	2	16.0	77			
29/10/24 21:35	0	1	1	3	16.0	77			
29/10/24 21:40	0	1	1	3	15.8	76			
29/10/24 21:45	0	1	1	3	15.8	78			
29/10/24 21:50	0	2	2	3	15.8	78			
29/10/24 21:55	0	2	2	3	15.8	78			
29/10/24 22:00	0	2	2	3	15.8	77			
29/10/24 22:05	0	2	2	3	15.8	78			
29/10/24 22:10	0	2	2	3	15.9	78			
29/10/24 22:15	0	2	2	3	15.8	78			
29/10/24 22:20	0	2	2	3	15.9	78			
29/10/24 22:25	0	2	2	3	15.8	77			
29/10/24 22:30	0	2	2	2	15.8	76			
29/10/24 22:35	0	3	3	3	16.0	76			
29/10/24 22:40	0	2	2	3	15.9	74			
29/10/24 22:45	0	2	2	3	15.8	74			
29/10/24 22:50	0	2	2	3	15.8	74			
29/10/24 22:55	0	2	2	3	15.7	75			
29/10/24 23:00	0	2	2	3	15.7	75			
29/10/24 23:05	0	3	3	3	15.8	75			
29/10/24 23:10	3	23	25	3	15.8	74			
29/10/24 23:15	2	12	14	3	15.5	73			
29/10/24 23:20	2	14	16	3	15.5	72			
29/10/24 23:25	2	13	15	3	15.3	73			
29/10/24 23:30	2	15	16	3	15.3	73			
29/10/24 23:35	2	12	14	3	15.2	73			
29/10/24 23:40	2	10	12	3	15.1	72			
29/10/24 23:45	1	11	12	3	15.1	73			
29/10/24 23:50	2	14	16		15.0	71			
29/10/24 23:55	2	17	20		15.0	71			
30/10/24 00:00	2	17	19	3	15.0	71			
30/10/24 00:05	3	20	23	3	14.9	72			
30/10/24 00:10	3	18	22	3	15.0	72			
30/10/24 00:15	3	16	19	3	14.9	71			
30/10/24 00:20	3	12	15	3	14.9	72			
30/10/24 00:25	3	16	19	2	14.8	71			
30/10/24 00:30	3	18	21	2	14.9	72			
30/10/24 00:35	3	15	18	3	14.8	72			
30/10/24 00:40	3	7	10	3	14.7	71			
30/10/24 00:45	2	10	13	3	14.6	72			
30/10/24 00:50	2	11	14	3	14.6	73			
30/10/24 00:55	2	12	14	3	14.6	72			
30/10/24 01:00	2	11	13	3	14.6	72			
30/10/24 01:05					14.5	73			
30/10/24 01:10					14.6	73			
30/10/24 01:15					14.5	73			
30/10/24 01:20					14.5	74			
30/10/24 01:25					14.5	74			
30/10/24 01:30					14.5	74			
30/10/24 01:35					14.4	75			
30/10/24 01:40					14.5	76			
30/10/24 01:45					14.2	75			
30/10/24 01:50					14.3	76			
30/10/24 01:55					14.3	77			
30/10/24 02:00					14.2	77			
30/10/24 02:05	1	7	8	2	14.3	77			
30/10/24 02:10	1	7	8	2	14.2	77			
30/10/24 02:15	1	9	11	3	14.2	77			
30/10/24 02:20	1	10	11	3	14.2	78			
30/10/24 02:25	1	8	9	3	14.0	78			
30/10/24 02:30	1	7	8	3	14.0	79			
30/10/24 02:35	1	7	9	3	14.0	80			
30/10/24 02:40	1	9	10	2	13.9	80			
30/10/24 02:45	1	10	11	2	13.8	81			
30/10/24 02:50	1	10	11	2	13.8	80			
30/10/24 02:55	1	9	10	2	13.6	81			
30/10/24 03:00	1	9	10	2	13.4	82			
30/10/24 03:05	1	9	10	2	13.4	83			
30/10/24 03:10	1	9	10	2	13.3	83			
30/10/24 03:15	1	12	14	2	13.2	82			
30/10/24 03:20	1	12	13	3	13.2	83			
30/10/24 03:25	1	9	11	3	13.1	83			
30/10/24 03:30	1	9	10	2	13.0	82			
30/10/24 03:35	1	9	10	2	13.0	83			
30/10/24 03:40	1	9	10	3	13.0	83			
30/10/24 03:45	1	9	10	3	13.0	82			
30/10/24 03:50	1	10	11	2	13.0	83			
30/10/24 03:55	1	10	10	2	12.9	82			
30/10/24 04:00	1	9	10	3	12.9	82			

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/10/24 04:05	1	10	10	3	12.9	82			
30/10/24 04:10	1	10	12	2	13.0	82			
30/10/24 04:15	1	11	12	2	13.0	82			
30/10/24 04:20	2	12	13	2	13.0	82			
30/10/24 04:25	2	12	14	2	13.0	82			
30/10/24 04:30	2	12	14	2	13.1	82			
30/10/24 04:35	1	12	14	2	13.0	82			
30/10/24 04:40	1	12	13	2	13.1	82			
30/10/24 04:45	1	12	13	2	13.1	82			
30/10/24 04:50	1	11	12	2	13.2	82			
30/10/24 04:55	1	12	13	2	13.3	81			
30/10/24 05:00	1	13	14	2	13.3	81			
30/10/24 05:05	2	14	15	2	13.3	80			
30/10/24 05:10	2	14	16	3	13.4	81			
30/10/24 05:15	2	15	17	3	13.3	79			
30/10/24 05:20	2	15	17	3	13.4	79			
30/10/24 05:25	3	18	21	3	13.4	79			
30/10/24 05:30	3	15	18	3	13.4	79			
30/10/24 05:35	3	15	18	3	13.4	79			
30/10/24 05:40	4	20	23	3	13.5	79			
30/10/24 05:45	5	23	28	3	13.5	79			
30/10/24 05:50	6	23	29	3	13.6	79			
30/10/24 05:55	16	21	37	3	13.5	78			
30/10/24 06:00	8	20	28	3	13.5	78			
30/10/24 06:05	4	16	20	3	13.6	78			
30/10/24 06:10	4	17	21	3	13.5	77			
30/10/24 06:15	5	19	23	3	13.7	77			
30/10/24 06:20	5	19	24	3	13.7	76			
30/10/24 06:25	5	16	21	3	13.7	75			
30/10/24 06:30	4	9	14	3	13.7	75			
30/10/24 06:35	4	10	14	3	13.7	75			
30/10/24 06:40	3	11	14	3	13.7	75			
30/10/24 06:45	3	13	16	3	13.8	74			
30/10/24 06:50	3	5	8	3	13.8	74			
30/10/24 06:55	3	5	8	3	13.9	75			
30/10/24 07:00	2	5	7	3	13.9	76			
30/10/24 07:05	2	5	7	3	13.8	74			
30/10/24 07:10	2	5	7	3	13.8	75			
30/10/24 07:15	2	6	8	3	13.9	75			
30/10/24 07:20	2	6	8	3	14.0	75			
30/10/24 07:25	2	7	10	3	14.0	74			
30/10/24 07:30	2	7	10	3	13.9	75			
30/10/24 07:35	2	7	9	3	14.0	74			
30/10/24 07:40	2	7	10	3	13.8	74			
30/10/24 07:45	2	7	9	3	14.0	75			
30/10/24 07:50	2	6	8	3	14.2	75			
30/10/24 07:55	2	4	6	3	14.0	73			
30/10/24 08:00	2	4	6	3	14.0	72			
30/10/24 08:05	2	4	5	3	14.2	73			
30/10/24 08:10	1	1	2	3	14.3	73			
30/10/24 08:15	1	0	1	3	14.2	73			
30/10/24 08:20	1	1	1	3	14.1	72			
30/10/24 08:25	1	1	2	3	14.2	73			
30/10/24 08:30	1	1	2	2	14.1	72			
30/10/24 08:35	1	1	2	3	14.1	72			
30/10/24 08:40	0	1	2	3	14.1	70			
30/10/24 08:45	0	1	2	3	14.0	69			
30/10/24 08:50	0	1	2	2	14.1	68			
30/10/24 08:55	0	2	2	2	14.2	68			
30/10/24 09:00	1	2	2	2	14.2	69			
30/10/24 09:05	1	2	3	3	14.2	69			
30/10/24 09:10	1	2	3	3	14.1	69			
30/10/24 09:15	1	2	2	3	14.3	70			
30/10/24 09:20	1	2	2	3	14.2	71			
30/10/24 09:25	1	2	2	3	8.1	67			
30/10/24 09:30	0	1	2	3	14.2	70			
30/10/24 09:35	1	2	2	3	14.3	70			
30/10/24 09:40	1	2	3	3	14.3	70			
30/10/24 09:45	1	2	3	2	14.4	69			
30/10/24 09:50	1	2	3	2	14.8	68			
30/10/24 09:55	1	2	3	2	15.3	66			
30/10/24 10:00	1	2	3	2	15.9	63			
30/10/24 10:05	1	2	3	3	16.3	62	1.2	149	27
30/10/24 10:10	1	2	3	2	16.7	59	1.5	161	27
30/10/24 10:15	1	2	3	2	16.8	58	2.1	136	15
30/10/24 10:20	1	1	2	2	16.8	58	1.8	129	12
30/10/24 10:25	1	1	2	2	17.0	58	1.4	130	27
30/10/24 10:30	1	1	2	2	17.0	58	1.6	134	20
30/10/24 10:35	1	1	2	2	17.2	58	1.5	136	21
30/10/24 10:40	1	2	3	2	17.4	57	1.5	134	26
30/10/24 10:45	1	2	2	2	17.2	57	2.1	137	17
30/10/24 10:50	2	1	3	2	16.8	58	1.8	132	16
30/10/24 10:55	1	1	2	2	16.8	60	1.8	132	22
30/10/24 11:00	1	1	3	2	17.1	59	1.8	148	23

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/10/24 11:05	2	2	4	2	17.2	58	1.8	146	21
30/10/24 11:10	1	2	3	2	17.1	58	1.8	142	22
30/10/24 11:15	1	2	3	2	16.9	59	2.1	141	20
30/10/24 11:20	1	2	3	2	16.9	61	2.2	155	20
30/10/24 11:25	8	9	17	3	17.0	61	2.1	170	23
30/10/24 11:30	5	6	11	3	17.2	61	2.5	182	15
30/10/24 11:35	32	19	51	3	17.0	63	3.3	183	15
30/10/24 11:40	43	23	66	3	16.7	64	3.0	186	13
30/10/24 11:45	2	11	13	3	16.8	65	2.8	183	16
30/10/24 11:50	3	4	7	3	17.0	64	2.4	171	17
30/10/24 11:55	2	4	6	3	17.5	60	2.3	168	21
30/10/24 12:00	2	4	6	3	17.6	59	2.3	150	26
30/10/24 12:05	2	4	5	3	17.4	59	2.2	150	23
30/10/24 12:10	2	4	5	3	17.4	59	1.9	157	25
30/10/24 12:15	2	4	5	3	17.6	59	2.0	157	22
30/10/24 12:20	2	4	6	2	17.7	58	1.8	147	27
30/10/24 12:25	2	3	5	3	17.4	59	2.4	143	18
30/10/24 12:30	2	4	6	3	17.5	61	1.5	156	32
30/10/24 12:35	6	8	14	3	17.9	61	2.2	167	25
30/10/24 12:40	6	9	15	2	18.1	60	2.4	167	18
30/10/24 12:45	5	6	12	3	18.3	59	2.0	163	26
30/10/24 12:50	5	6	11	2	18.6	59	2.2	166	20
30/10/24 12:55	4	6	10	3	18.6	59	2.3	167	19
30/10/24 13:00	4	6	10	3	18.8	59	2.3	169	21
30/10/24 13:05	4	6	10	2	18.9	60	2.5	172	19
30/10/24 13:10	4	6	9	2	18.6	60	2.5	174	18
30/10/24 13:15	3	5	8	3	18.7	61	2.4	182	13
30/10/24 13:20	2	4	5	3	18.6	62	2.9	183	13
30/10/24 13:25	2	4	5	2	18.4	62	2.9	184	14
30/10/24 13:30	1	3	4	2	18.3	62	2.9	185	13
30/10/24 13:35	1	3	4	2	18.4	63	2.7	184	12
30/10/24 13:40	1	3	4	3	18.7	61	2.1	163	22
30/10/24 13:45	1	3	5	2	19.3	59	2.0	164	22
30/10/24 13:50	1	4	5	2	19.5	57	2.2	164	20
30/10/24 13:55	2	4	5	2	19.7	58	2.4	174	17
30/10/24 14:00	1	4	5	2	19.7	58	2.1	171	19
30/10/24 14:05	2	4	5	2	19.7	57	1.6	156	28
30/10/24 14:10	2	4	6	2	20.0	56	1.8	164	20
30/10/24 14:15	2	4	6	3	20.0	56	1.8	154	26
30/10/24 14:20	2	4	5	3	20.2	56	1.6	158	30
30/10/24 14:25	2	4	5	3	20.5	55	1.4	164	29
30/10/24 14:30	2	4	6	3	20.6	54	1.6	159	29
30/10/24 14:35	2	3	5	3	20.6	55	1.7	159	26
30/10/24 14:40	2	3	5	3	20.5	56	1.6	155	27
30/10/24 14:45	2	3	5	3	20.4	56	1.9	157	26
30/10/24 14:50	1	3	5	3	20.5	55	1.6	155	30
30/10/24 14:55	1	3	4	3	20.4	55	1.9	148	23
30/10/24 15:00	1	3	4	3	20.3	57	1.7	157	27
30/10/24 15:05	1	3	4	2	20.7	56	1.7	150	28
30/10/24 15:10	2	4	6	2	20.5	57	1.4	152	37
30/10/24 15:15	2	2	4	2	20.7	56	1.6	153	26
30/10/24 15:20	1	1	2	2	20.7	56	1.3	159	27
30/10/24 15:25	1	1	2	3	20.8	56	1.7	167	20
30/10/24 15:30	1	1	2	3	21.0	57	2.3	185	13
30/10/24 15:35	1	1	2	3	20.8	58	3.0	182	12
30/10/24 15:40	1	1	2	2	20.3	60	2.8	184	14
30/10/24 15:45	1	2	2	3	20.4	59	2.4	183	15
30/10/24 15:50	1	2	3	3	20.2	59	3.2	187	12
30/10/24 15:55	1	2	3	3	20.2	62	3.0	185	11
30/10/24 16:00	1	2	3	3	19.8	62	3.8	183	12
30/10/24 16:05	1	2	2	3	19.3	62	4.2	181	15
30/10/24 16:10	0	2	2	2	18.8	65	4.5	182	12
30/10/24 16:15	0	1	2	2	18.7	65	4.5	182	12
30/10/24 16:20	0	1	2	2	18.8	64	3.9	182	15
30/10/24 16:25	0	1	1	3	18.8	63	4.2	180	13
30/10/24 16:30	0	1	1	3	18.7	65	4.0	181	14
30/10/24 16:35	0	1	1	2	18.7	65	3.4	180	14
30/10/24 16:40	0	3	3	2	18.6	64	3.9	179	15
30/10/24 16:45	0	1	1	2	18.5	65	3.9	180	13
30/10/24 16:50	1	1	2	2	18.5	67	4.1	182	16
30/10/24 16:55	1	1	2	3	18.3	68	4.8	179	12
30/10/24 17:00	0	1	1	3	17.8	71	5.0	183	11
30/10/24 17:05	0	1	1	3	17.8	74	4.5	183	13
30/10/24 17:10	0	1	2	3	17.6	74	5.4	184	10
30/10/24 17:15	1	3	3	3	17.4	75	4.6	185	11
30/10/24 17:20	1	4	5	3	17.5	73	4.9	184	10
30/10/24 17:25	1	3	5	2	17.4	74	4.7	182	10
30/10/24 17:30	1	2	3	3	17.4	75	4.6	186	11
30/10/24 17:35	2	5	7	3	17.3	74	4.6	181	12
30/10/24 17:40	2	4	6	2	17.3	73	4.3	187	11
30/10/24 17:45	1	2	3	2	17.3	73	4.4	181	14
30/10/24 17:50	1	1	2	2	17.3	74	4.0	184	14
30/10/24 17:55	1	1	2	2	17.3	73	4.1	183	15
30/10/24 18:00	1	1	2	2	17.1	74	4.3	181	13

Station Pier Ambient Air Quality Monitoring									
October 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/10/24 18:05	1	1	2	2	17.2	75	3.6	180	15
30/10/24 18:10	1	2	3	2	17.2	76	3.5	178	17
30/10/24 18:15	1	3	4	2	17.1	75	4.2	182	16
30/10/24 18:20	1	4	4	3	16.8	76	4.3	182	14
30/10/24 18:25	1	4	5	3	16.6	77	4.3	180	12
30/10/24 18:30	1	4	5	3	16.4	78	4.5	181	12
30/10/24 18:35	1	5	5	3	16.3	78	4.3	182	14
30/10/24 18:40	1	5	5	3	16.4	80	3.9	181	17
30/10/24 18:45	0	5	5	3	16.4	79	4.5	180	12
30/10/24 18:50	0	5	5	3	16.2	80	3.9	180	14
30/10/24 18:55	0	5	5	2	16.2	80	3.7	185	14
30/10/24 19:00	0	5	5	2	16.3	80	3.4	175	18
30/10/24 19:05	0	5	5	2	16.2	80	4.0	179	15
30/10/24 19:10	1	3	4	2	16.2	80	3.8	181	13
30/10/24 19:15	0	2	3	2	16.2	80	3.3	178	16
30/10/24 19:20	0	2	2	2	16.2	80	3.5	180	16
30/10/24 19:25	0	2	2	2	16.2	80	3.6	177	14
30/10/24 19:30	0	1	2	2	16.1	80	3.4	175	16
30/10/24 19:35	0	1	1	2	16.1	81	2.8	166	25
30/10/24 19:40	0	1	1	3	16.1	80	2.9	167	18
30/10/24 19:45	0	1	1	3	16.2	79	4.1	181	14
30/10/24 19:50	0	1	1	2	16.2	78	3.4	174	16
30/10/24 19:55	0	1	1	2	16.1	80	3.1	174	20
30/10/24 20:00	0	1	1	2	16.2	79	2.9	167	18
30/10/24 20:05	0	1	1	3	16.0	80	2.8	172	20
30/10/24 20:10	0	1	1	2	16.0	78	3.6	180	15
30/10/24 20:15	0	1	1	2	15.8	77	4.1	180	13
30/10/24 20:20	0	1	1	2	16.0	78	3.3	181	15
30/10/24 20:25	0	1	1	2	16.0	79	3.5	182	14
30/10/24 20:30	0	1	1	3	16.1	78	3.2	175	18
30/10/24 20:35	0	1	1	2	16.1	78	3.3	180	16
30/10/24 20:40	0	1	1	2	16.0	77	3.1	180	15
30/10/24 20:45	0	2	2	2	16.1	77	3.2	174	18
30/10/24 20:50	1	2	3	2	16.0	76	3.3	179	14
30/10/24 20:55	1	2	3	2	15.9	77	3.9	181	11
30/10/24 21:00	1	4	5	2	15.9	77	3.1	185	13
30/10/24 21:05	2	5	7	2	16.0	78	2.5	175	17
30/10/24 21:10	2	2	3	2	16.0	78	2.7	157	23
30/10/24 21:15	1	1	2	2	16.1	77	2.4	166	22
30/10/24 21:20	1	1	2	2	15.9	77	2.0	166	25
30/10/24 21:25	1	1	2	2	15.8	76	3.5	132	13
30/10/24 21:30	1	1	2	2	15.6	77	2.5	147	25
30/10/24 21:35	1	1	2	2	15.7	77	2.2	153	27
30/10/24 21:40	1	1	2	3	15.8	78	2.3	147	23
30/10/24 21:45	0	1	1	2	15.8	78	2.3	154	27
30/10/24 21:50	0	1	1	2	15.7	78	2.0	148	27
30/10/24 21:55	0	1	1	2	15.8	78	2.4	166	22
30/10/24 22:00	0	1	1	2	15.8	77	2.1	165	21
30/10/24 22:05	0	1	1	2	15.9	78	2.0	163	26
30/10/24 22:10	0	1	1	2	15.9	77	2.5	142	23
30/10/24 22:15	0	1	1	2	15.5	76	3.0	136	17
30/10/24 22:20	0	1	1	2	15.6	76	2.5	116	16
30/10/24 22:25	0	1	1	3	15.6	76	1.5	142	27
30/10/24 22:30	0	1	2	2	15.6	76	2.8	106	12
30/10/24 22:35	0	2	2	2	15.7	76	3.0	105	8
30/10/24 22:40	0	2	2	2	15.6	75	2.3	90	9
30/10/24 22:45	0	2	2	2	15.6	75	2.0	95	8
30/10/24 22:50	0	2	2	2	15.7	75	1.8	115	24
30/10/24 22:55	0	2	2	2	15.5	75	2.1	92	11
30/10/24 23:00	0	2	2	2	15.5	74	1.9	93	19
30/10/24 23:05	0	2	2	2	15.5	75	1.6	104	15
30/10/24 23:10	0	2	2	2	15.5	75	2.1	90	12
30/10/24 23:15	0	2	2	2	15.5	75	1.4	112	24
30/10/24 23:20	0	2	2	2	15.4	75	2.0	97	16
30/10/24 23:25	0	2	2	2	15.5	76	1.9	97	9
30/10/24 23:30	0	2	2	2	15.5	75	1.1	101	21
30/10/24 23:35	0	2	2	2	15.5	74	1.1	86	15
30/10/24 23:40	0	2	2	2	15.5	75	1.7	92	13
30/10/24 23:45	0	2	2	2	15.5	75	1.5	97	15
30/10/24 23:50	0	2	2		15.4	75	1.7	104	12
30/10/24 23:55	0	2	2		15.5	75	1.1	87	13
31/10/24 00:00	0	2	2	2	15.4	75	1.3	90	12
31/10/24 00:05	0	2	2	2	15.4	75	0.8	112	18
31/10/24 00:10	0	3	3	2	15.5	75	1.2	96	16
31/10/24 00:15	0	3	3	2	15.5	75	1.3	104	14
31/10/24 00:20	0	3	3	2	15.5	74	1.4	94	12
31/10/24 00:25	0	3	3	2	15.5	75	1.2	109	21
31/10/24 00:30	0	3	3	2	15.4	75	1.0	111	25
31/10/24 00:35	0	3	3	2	15.4	75	1.1	115	14
31/10/24 00:40	0	3	3	2	15.5	75	1.4	108	11
31/10/24 00:45	0	3	3	2	15.4	75	1.6	120	16
31/10/24 00:50	0	3	3	2	15.4	75	1.0	138	28
31/10/24 00:55	0	3	3	2	15.5	77	0.9	205	36
31/10/24 01:00	0	2	3	2	15.4	76	0.7	172	33

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/10/24 01:05					15.4	76	0.6	88	18
31/10/24 01:10					15.3	75	1.0	79	20
31/10/24 01:15					15.3	75	0.7	63	16
31/10/24 01:20					15.3	76	0.8	55	17
31/10/24 01:25					15.3	76	0.6	347	41
31/10/24 01:30					15.3	77	1.4	247	35
31/10/24 01:35					15.4	79	3.1	211	12
31/10/24 01:40					15.5	81	5.1	215	6
31/10/24 01:45					15.6	82	6.0	224	5
31/10/24 01:50					15.4	80	6.4	226	4
31/10/24 01:55					15.3	81	6.7	225	6
31/10/24 02:00					15.3	80	6.5	223	5
31/10/24 02:05	0	3	3	2	15.3	81	6.5	222	6
31/10/24 02:10	0	2	2	2	15.3	81	6.2	222	5
31/10/24 02:15	0	1	2	2	15.3	79	6.0	223	5
31/10/24 02:20	0	1	1	2	15.2	78	6.3	226	5
31/10/24 02:25	0	2	2	2	15.2	78	6.3	227	7
31/10/24 02:30	0	2	2	2	15.1	77	7.0	229	4
31/10/24 02:35	0	1	1	2	15.1	78	6.5	230	6
31/10/24 02:40	0	2	2	2	15.1	78	6.1	234	7
31/10/24 02:45	0	2	2	1	15.0	78	6.2	234	7
31/10/24 02:50	0	2	2	2	15.0	79	5.8	234	6
31/10/24 02:55	0	2	3	2	14.8	79	6.5	234	9
31/10/24 03:00	0	3	3	1	14.8	79	6.4	234	8
31/10/24 03:05	0	3	3	1	14.7	80	6.2	230	8
31/10/24 03:10	0	2	3	2	14.7	80	7.0	231	8
31/10/24 03:15	0	2	2	2	14.7	78	6.6	231	6
31/10/24 03:20	0	2	2	2	14.7	76	6.6	229	7
31/10/24 03:25	0	2	2	2	14.8	76	6.1	225	7
31/10/24 03:30	0	1	2	2	14.7	76	5.7	236	5
31/10/24 03:35	0	1	1	2	14.7	77	5.7	225	6
31/10/24 03:40	0	1	1	2	14.7	77	5.9	225	4
31/10/24 03:45	0	1	1	2	14.8	79	4.5	234	11
31/10/24 03:50	0	2	2	2	14.6	78	4.6	235	7
31/10/24 03:55	0	3	3	2	14.5	79	4.0	241	11
31/10/24 04:00	0	4	4	2	14.5	80	4.5	245	9
31/10/24 04:05	0	5	5	2	14.4	79	4.3	241	8
31/10/24 04:10	0	6	6	2	14.3	80	5.4	240	6
31/10/24 04:15	1	6	7	2	14.4	81	6.0	239	8
31/10/24 04:20	1	6	6	2	14.1	81	5.5	238	8
31/10/24 04:25	0	6	6	2	14.1	82	4.8	240	7
31/10/24 04:30	1	7	8	2	14.1	81	5.6	240	7
31/10/24 04:35	1	8	9	2	14.0	82	5.9	245	8
31/10/24 04:40	2	12	14	2	14.0	82	6.4	249	8
31/10/24 04:45	2	9	11	2	14.0	83	6.2	243	6
31/10/24 04:50	2	9	11	2	13.9	83	6.5	243	6
31/10/24 04:55	2	7	8	2	13.9	83	6.1	241	6
31/10/24 05:00	1	4	6	2	14.0	83	5.7	241	5
31/10/24 05:05	1	4	5	2	14.0	83	5.2	238	8
31/10/24 05:10	1	4	5	2	14.0	84	4.5	247	7
31/10/24 05:15	1	5	6	1	13.9	83	4.7	245	8
31/10/24 05:20	1	6	7	1	13.9	83	4.2	239	7
31/10/24 05:25	2	12	15	2	14.0	83	6.0	241	9
31/10/24 05:30	2	9	11	2	13.9	83	5.5	240	8
31/10/24 05:35	2	8	10	2	13.9	83	5.2	240	7
31/10/24 05:40	2	7	9	2	13.9	83	5.5	243	8
31/10/24 05:45	2	8	9	2	13.9	83	5.2	242	9
31/10/24 05:50	2	11	14	2	14.0	83	4.7	248	8
31/10/24 05:55	3	16	19	2	14.0	82	5.2	248	8
31/10/24 06:00	5	18	22	2	14.0	82	5.0	255	8
31/10/24 06:05	6	17	22	2	14.0	82	4.9	256	8
31/10/24 06:10	6	15	21	2	14.0	82	5.3	246	11
31/10/24 06:15	6	16	23	2	14.0	82	4.7	242	9
31/10/24 06:20	6	16	22	2	14.1	82	5.3	245	7
31/10/24 06:25	6	16	22	2	14.1	83	5.0	235	10
31/10/24 06:30	7	14	21	2	14.0	83	5.7	241	6
31/10/24 06:35	6	11	17	2	14.0	83	5.7	236	7
31/10/24 06:40	6	10	16	2	14.0	83	5.8	243	8
31/10/24 06:45	5	6	12	2	14.0	82	6.0	241	9
31/10/24 06:50	4	6	10	2	14.1	83	5.8	239	8
31/10/24 06:55	20	7	28	2	14.2	82	6.2	234	9
31/10/24 07:00	6	7	12	2	14.2	81	6.0	237	9
31/10/24 07:05	6	7	13	2	14.2	81	6.3	234	8
31/10/24 07:10	4	6	10	2	14.3	81	6.6	242	7
31/10/24 07:15	5	6	10	2	14.4	81	7.8	233	7
31/10/24 07:20	4	2	7	2	14.3	81	7.9	231	4
31/10/24 07:25	4	5	9	2	14.4	83	6.8	227	8
31/10/24 07:30	3	4	7	2	14.6	83	6.2	229	9
31/10/24 07:35	3	3	6	2	14.4	81	6.8	226	5
31/10/24 07:40	3	2	5	2	14.5	81	5.7	225	8
31/10/24 07:45	4	7	11	2	14.5	81	4.0	230	9
31/10/24 07:50	4	2	5	2	14.7	80	5.4	222	6
31/10/24 07:55	2	1	3	2	14.8	79	5.6	217	5
31/10/24 08:00	1	1	2	2	14.7	79	5.6	219	5

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/10/24 08:05	3	11	15	2	14.8	80	4.9	217	7
31/10/24 08:10	3	2	4	2	14.8	79	5.1	221	7
31/10/24 08:15	1	1	2	2	14.8	78	4.7	221	8
31/10/24 08:20	1	1	2	2	14.8	78	4.0	223	6
31/10/24 08:25	1	1	2	2	14.9	78	4.6	221	6
31/10/24 08:30	1	1	2	2	14.9	78	4.8	227	8
31/10/24 08:35	1	1	2	2	14.9	77	4.3	210	13
31/10/24 08:40	1	1	2	2	15.0	75	3.8	221	11
31/10/24 08:45	1	1	2	2	15.0	74	3.8	216	6
31/10/24 08:50	1	1	2	2	15.2	74	4.2	215	9
31/10/24 08:55	1	1	2	2	15.1	74	4.7	222	7
31/10/24 09:00	1	1	2	2	15.1	74	4.4	220	5
31/10/24 09:05	0	1	2	2	15.0	75	4.2	213	7
31/10/24 09:10	0	1	1	2	15.0	74	4.3	223	7
31/10/24 09:15	0	1	1	2	15.2	75	4.9	221	6
31/10/24 09:20	0	1	1	2	15.1	74	4.8	224	7
31/10/24 09:25	0	1	1	2	15.2	74	4.9	209	15
31/10/24 09:30	0	1	1	2	15.3	71	4.0	203	14
31/10/24 09:35	0	1	1	2	15.5	70	4.0	200	15
31/10/24 09:40	0	1	1	2	15.8	69	4.4	200	10
31/10/24 09:45	0	1	1	2	15.8	70	4.5	197	6
31/10/24 09:50	0	1	1	2	15.6	70	4.5	203	12
31/10/24 09:55	0	1	1	2	15.7	70	4.8	205	10
31/10/24 10:00	0	1	1	2	15.7	70	4.1	210	10
31/10/24 10:05	0	1	1	2	15.8	69	3.9	203	10
31/10/24 10:10	0	1	1	2	15.8	68	3.9	202	10
31/10/24 10:15	0	1	1	2	16.0	66	2.9	189	9
31/10/24 10:20	0	1	1	2	16.7	66	2.2	180	18
31/10/24 10:25	0	1	2	2	17.1	66	2.5	183	14
31/10/24 10:30	1	1	2	2	17.2	63	3.0	191	8
31/10/24 10:35	1	1	2	2	16.6	63	2.4	190	14
31/10/24 10:40	0	1	2	2	17.2	61	2.0	163	22
31/10/24 10:45	1	2	2	2	18.0	59	1.7	175	26
31/10/24 10:50	1	2	2	2	17.6	61	1.8	178	22
31/10/24 10:55	1	2	2	2	18.3	59	1.8	163	21
31/10/24 11:00	1	2	3	2	18.7	56	1.6	164	23
31/10/24 11:05	1	2	3	2	18.7	54	1.7	160	23
31/10/24 11:10	1	2	3	2	18.8	54	1.3	144	26
31/10/24 11:15	1	2	3	2	18.7	55	1.7	153	23
31/10/24 11:20	1	2	3	2	18.7	55	1.5	150	28
31/10/24 11:25	1	2	3	2	18.8	56	1.6	155	27
31/10/24 11:30	1	2	3	2	18.8	55	1.8	151	24
31/10/24 11:35	1	2	3	2	18.7	56	1.9	135	25
31/10/24 11:40	1	2	2	2	18.1	57	2.2	119	16
31/10/24 11:45	1	1	2	2	18.2	57	2.1	117	16
31/10/24 11:50	1	1	2	2	18.4	57	1.8	120	17
31/10/24 11:55	1	1	2	2	18.0	57	2.2	133	19
31/10/24 12:00	1	2	3	2	17.4	60	2.8	126	15
31/10/24 12:05	1	2	3	2	16.9	62	2.2	141	21
31/10/24 12:10	1	2	3	2	16.8	63	2.5	136	14
31/10/24 12:15	2	5	7	2	16.7	64	1.9	142	20
31/10/24 12:20	2	2	4	2	16.8	64	2.1	140	20
31/10/24 12:25	1	1	2	2	16.7	63	2.0	131	14
31/10/24 12:30	1	1	1	2	16.7	62	1.9	138	15
31/10/24 12:35	1	1	2	2	17.0	63	1.3	158	28
31/10/24 12:40	1	1	2	2	17.3	60	1.6	150	23
31/10/24 12:45	1	1	2	1	17.4	61	1.3	155	26
31/10/24 12:50	1	1	2	1	17.7	59	1.6	147	24
31/10/24 12:55	1	1	2	1	17.7	57	1.9	127	14
31/10/24 13:00	0	1	2	1	17.9	57	1.5	136	20
31/10/24 13:05	0	1	1	1	18.1	57	1.5	143	22
31/10/24 13:10	0	1	1	1	17.9	57	1.3	125	24
31/10/24 13:15	0	1	1	1	17.9	57	1.4	135	14
31/10/24 13:20	0	1	1	1	18.0	57	1.0	124	24
31/10/24 13:25	0	1	1	1	18.4	56	1.8	128	14
31/10/24 13:30	0	1	1	1	18.5	55	2.0	139	21
31/10/24 13:35	0	1	1	1	18.9	54	1.7	145	25
31/10/24 13:40	0	1	1	1	18.8	53	2.1	133	13
31/10/24 13:45	0	1	1	1	18.3	56	1.9	142	25
31/10/24 13:50	0	1	2	1	18.1	58	2.3	162	18
31/10/24 13:55	1	2	3	1	17.9	62	3.0	179	14
31/10/24 14:00	1	3	4	1	17.5	63	3.8	186	8
31/10/24 14:05	1	4	5	1	17.0	65	3.9	185	9
31/10/24 14:10	1	7	7	1	16.8	67	4.0	182	12
31/10/24 14:15	1	4	5	1	16.6	68	4.2	187	9
31/10/24 14:20	1	2	2	1	16.5	67	3.7	181	14
31/10/24 14:25	1	1	2	1	16.7	66	4.6	189	7
31/10/24 14:30	0	1	1	1	16.9	66	5.2	184	9
31/10/24 14:35	0	1	1	1	16.9	69	6.0	188	7
31/10/24 14:40	0	1	1	1	16.7	77	7.4	189	5
31/10/24 14:45	0	1	1	1	16.5	75	5.2	180	10
31/10/24 14:50	0	1	1	1	16.7	72	3.6	174	13
31/10/24 14:55	1	1	2	1	16.9	72	3.7	174	13
31/10/24 15:00	1	2	3	1	16.8	71	4.8	180	11

Station Pier Ambient Air Quality Monitoring

October 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/10/24 15:05	1	1	2	1	16.9	71	4.5	183	10
31/10/24 15:10	0	1	1	1	17.2	69	4.4	181	15
31/10/24 15:15	0	1	1	1	17.3	70	4.2	178	11
31/10/24 15:20	0	1	1	1	17.2	73	3.8	179	14
31/10/24 15:25	0	1	1	1	17.3	72	4.3	178	14
31/10/24 15:30	0	0	1	1	17.0	71	4.4	177	11
31/10/24 15:35	0	0	0	1	17.3	70	4.9	180	9
31/10/24 15:40	0	0	0	1	17.4	71	4.4	177	14
31/10/24 15:45	0	0	0	1	17.5	69	4.4	177	11
31/10/24 15:50	0	0	0	1	17.5	68	5.5	185	10
31/10/24 15:55	0	0	0	1	17.0	69	5.7	183	8
31/10/24 16:00	0	0	0	1	16.6	71	6.5	189	8
31/10/24 16:05	0	0	0	1	16.3	71	7.6	189	6
31/10/24 16:10	0	0	0	1	16.2	71	6.4	189	7
31/10/24 16:15	0	0	0	1	16.2	71	6.0	188	8
31/10/24 16:20	0	0	0	1	16.2	72	5.7	185	9
31/10/24 16:25	0	1	0	1	16.4	72	5.8	188	8
31/10/24 16:30	0	1	1	1	16.2	70	7.2	189	7
31/10/24 16:35	0	1	1	1	16.1	71	6.8	188	7
31/10/24 16:40	0	1	1	1	16.1	70	6.6	188	7
31/10/24 16:45	0	0	0	1	16.1	71	5.1	183	10
31/10/24 16:50	0	0	1	1	16.1	70	5.1	178	10
31/10/24 16:55	0	0	1	1	16.1	69	6.0	187	7
31/10/24 17:00	0	0	1	1	16.0	66	6.4	185	9
31/10/24 17:05	0	1	1	1	16.2	68	5.1	182	8
31/10/24 17:10	0	1	1	1	16.1	66	5.7	182	9
31/10/24 17:15	0	1	2	1	16.0	67	5.5	178	10
31/10/24 17:20	1	2	2	1	16.1	68	5.7	187	7
31/10/24 17:25	1	2	2	1	16.2	67	5.8	184	12
31/10/24 17:30	0	2	2	1	16.2	68	4.6	177	12
31/10/24 17:35	0	2	2	1	16.2	67	4.6	181	12
31/10/24 17:40	0	1	2	1	16.2	66	4.8	184	10
31/10/24 17:45	0	1	1	1	16.1	66	5.4	185	11
31/10/24 17:50	0	1	1	1	16.0	68	4.7	185	10
31/10/24 17:55	0	1	1	1	16.0	69	6.3	190	10
31/10/24 18:00	0	1	1	1	15.9	68	5.5	186	8
31/10/24 18:05	0	1	1	1	15.8	69	5.0	186	8
31/10/24 18:10	0	1	1	1	15.8	68	6.0	188	9
31/10/24 18:15	0	0	1	1	15.8	69	5.1	187	8
31/10/24 18:20	0	0	1	1	15.7	68	6.9	190	6
31/10/24 18:25	0	0	0	1	15.7	69	6.6	194	8
31/10/24 18:30	0	0	0	1	15.7	70	7.5	191	8
31/10/24 18:35	0	0	0	1	15.5	69	7.2	188	7
31/10/24 18:40	0	0	0	1	15.5	72	8.3	194	4
31/10/24 18:45	0	0	0	1	15.3	72	7.3	191	7
31/10/24 18:50	0	0	0	1	15.3	71	5.8	188	9
31/10/24 18:55	0	0	0	1	15.4	73	7.8	195	5
31/10/24 19:00	0	0	0	1	15.3	72	6.9	188	7
31/10/24 19:05	0	0	0	1	15.2	73	5.7	185	10
31/10/24 19:10	0	1	2	1	15.2	72	5.8	185	9
31/10/24 19:15	2	18	19	1	15.1	72	5.1	181	11
31/10/24 19:20	2	4	6	1	15.1	71	5.3	180	11
31/10/24 19:25	1	1	2	1	15.1	72	5.6	179	12
31/10/24 19:30	1	1	1	1	15.0	71	5.8	180	9
31/10/24 19:35	0	1	1	1	15.1	73	4.9	181	12
31/10/24 19:40	0	1	1	1	15.0	71	5.5	186	9
31/10/24 19:45	0	1	1	1	15.0	71	5.4	183	9
31/10/24 19:50	0	1	1	1	14.9	70	5.5	183	10
31/10/24 19:55	0	0	1	1	14.9	69	5.8	186	9
31/10/24 20:00	0	0	0	1	15.0	70	5.3	185	11
31/10/24 20:05	0	0	0	1	15.0	70	5.3	186	11
31/10/24 20:10	0	0	0	1	15.0	70	6.3	189	6
31/10/24 20:15	0	0	0	1	14.9	69	5.5	185	8
31/10/24 20:20	0	0	0	1	14.9	70	5.1	178	11
31/10/24 20:25	0	1	1	1	15.0	69	5.1	181	8
31/10/24 20:30	0	1	1	1	14.8	69	5.0	182	9
31/10/24 20:35	0	0	1	1	15.0	69	5.7	189	8
31/10/24 20:40	0	0	1	1	15.0	69	6.3	191	7
31/10/24 20:45	0	0	1	1	14.9	67	5.7	185	9
31/10/24 20:50	0	0	0	1	14.7	67	5.6	185	10
31/10/24 20:55	0	0	0	1	15.0	68	6.3	193	6
31/10/24 21:00	0	0	0	1	15.0	69	6.5	191	6
31/10/24 21:05	0	1	0	1	14.8	70	5.4	190	9
31/10/24 21:10	0	1	0	1	14.9	72	6.5	193	9
31/10/24 21:15	0	1	0	1	14.8	70	7.1	194	6
31/10/24 21:20	0	1	1	1	14.6	70	7.7	199	5
31/10/24 21:25	0	1	1	1	14.6	70	7.1	204	6
31/10/24 21:30	0	1	1	1	14.7	71	7.0	203	5
31/10/24 21:35	0	1	1	1	14.6	71	7.2	200	6
31/10/24 21:40	0	1	1	1	14.7	71	7.8	200	4
31/10/24 21:45	0	1	1	1	14.6	70	7.6	202	6
31/10/24 21:50	0	2	2	1	14.5	68	7.5	200	6
31/10/24 21:55	0	0	1	1	14.5	69	7.0	197	6
31/10/24 22:00	0	0	1	1	14.5	68	6.4	193	7

Station Pier Ambient Air Quality Monitoring
October 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/10/24 22:05	0	0	1	1	14.4	67	6.0	192	8
31/10/24 22:10	0	0	0	1	14.6	66	5.8	191	7
31/10/24 22:15	0	0	0	1	14.5	66	6.7	192	7
31/10/24 22:20	0	0	0	1	14.4	67	7.2	195	6
31/10/24 22:25	0	0	0	1	14.5	66	7.4	198	7
31/10/24 22:30	0	0	0	1	14.4	66	5.8	195	7
31/10/24 22:35	0	0	0	1	14.4	68	7.1	201	9
31/10/24 22:40	0	0	0	1	14.4	68	7.5	210	5
31/10/24 22:45	0	0	1	1	14.4	69	7.9	214	4
31/10/24 22:50	0	0	1	1	14.2	68	7.3	209	8
31/10/24 22:55	0	0	0	1	14.3	69	7.2	210	6
31/10/24 23:00	0	0	0	1	14.3	68	7.3	213	4
31/10/24 23:05	0	0	0	1	14.3	67	7.1	207	7
31/10/24 23:10	0	0	1	1	14.4	68	6.7	209	5
31/10/24 23:15	0	1	1	1	14.3	68	6.8	207	6
31/10/24 23:20	0	1	1	1	14.3	69	6.7	209	6
31/10/24 23:25	0	1	1	1	14.2	68	6.4	205	7
31/10/24 23:30	0	1	1	1	14.3	68	6.6	201	9
31/10/24 23:35	0	1	1	1	14.2	66	6.8	196	5
31/10/24 23:40	0	1	1	1	14.3	68	6.4	195	7
31/10/24 23:45	0	1	1	1	14.4	67	6.2	191	6
31/10/24 23:50	0	1	1		14.4	66	6.5	192	8
31/10/24 23:55	0	1	1		14.4	63	6.9	193	6
01/11/24 00:00	0	1	1	1	14.4	66	7.2	193	6

Station Pier Ambient Air Quality Monitoring											
October 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/10/24 01:00	11	38	23	27	49	2	13.2	82	1.8	331	15
01/10/24 02:00	10	47					12.8	80	1.5	337	15
01/10/24 03:00	6	21	16	22	37	2	12.3	81	1.6	352	18
01/10/24 04:00	3	18	9	21	30	2	12.2	83	1.7	342	23
01/10/24 05:00	7	25	30	24	54	2	11.9	84	1.9	341	16
01/10/24 06:00	8	19	44	25	68	3	11.7	83	2.0	348	14
01/10/24 07:00	6	23	41	26	66	3	12.0	81	2.0	344	18
01/10/24 08:00	4	23	39	26	65	3	13.3	76	1.3	349	22
01/10/24 09:00	2	17	14	16	30	3	14.8	72	2.4	272	13
01/10/24 10:00	2	15	5	12	16	3	15.7	68	1.9	247	16
01/10/24 11:00	2	14	2	5	7	2	15.7	74	3.4	200	10
01/10/24 12:00	0	9	1	1	2	2	15.4	76	1.5	181	14
01/10/24 13:00	-1	11	1	4	6	2	16.4	69	1.7	187	20
01/10/24 14:00	2	15	1	1	2	2	16.4	72	2.4	148	19
01/10/24 15:00	5	22	0	2	2	2	17.1	69	2.1	160	28
01/10/24 16:00	7	21	0	1	2	2	17.2	66	2.9	166	18
01/10/24 17:00	4	27	0	1	2	2	16.4	70	2.8	171	16
01/10/24 18:00	6	30	0	1	2	2	15.4	76	2.8	179	14
01/10/24 19:00	7	26	0	1	1	2	15.1	77	2.5	179	14
01/10/24 20:00	6	27	0	1	1	2	14.8	77	3.2	181	11
01/10/24 21:00	6	23	0	1	1	2	14.7	74	3.3	177	16
01/10/24 22:00	6	27	0	1	1	2	14.2	79	2.1	173	19
01/10/24 23:00	5	32	0	2	2	2	13.9	78	1.8	118	12
02/10/24 00:00	5	31	0	5	5	1	13.5	80	2.1	112	11
02/10/24 01:00	6	31	0	4	4	3	13.2	81	1.7	109	14
02/10/24 02:00	5	23					13.0	83	2.0	118	17
02/10/24 03:00	6	31	0	8	8	2	12.3	86	2.0	111	14
02/10/24 04:00	7	30	0	13	13	2	11.7	85	2.7	102	7
02/10/24 05:00	12	40	0	10	10	2	11.3	83	2.6	99	6
02/10/24 06:00	7	38	0	7	7	2	11.2	84	2.2	103	8
02/10/24 07:00	6	30	1	12	13	2	11.3	81	2.0	97	7
02/10/24 08:00	6	28	3	11	15	2	13.2	69	2.4	109	10
02/10/24 09:00	6	30	2	6	8	2	14.4	59	2.1	121	16
02/10/24 10:00	9	33	4	7	11	2	15.0	62	2.0	175	17
02/10/24 11:00	7	36	5	7	13	2	14.9	63	3.0	184	14
02/10/24 12:00	7	29	5	7	12	2	14.0	67	4.4	193	7
02/10/24 13:00	8	34	2	4	6	2	13.9	68	5.1	196	4
02/10/24 14:00	7	29	1	1	2	2	14.1	71	5.4	200	4
02/10/24 15:00	7	33	0	1	2	2	14.5	71	5.5	201	4
02/10/24 16:00	6	30	1	2	2	2	14.7	73	5.9	202	4
02/10/24 17:00	10	32	1	3	4	2	15.3	75	5.6	199	5
02/10/24 18:00	12	33	6	8	13	2	15.9	73	4.2	189	9
02/10/24 19:00	7	37	0	2	2	2	14.9	76	3.9	182	13
02/10/24 20:00	8	39	0	2	2	2	14.5	76	2.0	163	25
02/10/24 21:00	7	33	0	4	4	2	14.1	76	1.5	177	15
02/10/24 22:00	7	27	0	3	3	2	13.6	77	1.5	190	8
02/10/24 23:00	6	30	0	7	7	2	13.6	79	1.6	229	9
03/10/24 00:00	4	39	5	25	31	2	12.5	85	1.7	285	13
03/10/24 01:00	7	45	14	25	39	2	11.5	84	1.8	315	12
03/10/24 02:00	13	43					11.2	85	1.2	329	16
03/10/24 03:00	10	39	20	25	45	2	10.8	85	1.3	350	16
03/10/24 04:00	9	37	4	21	25	2	10.6	85	1.2	347	18
03/10/24 05:00	13	38	7	24	31	2	10.5	86	0.8	13	19
03/10/24 06:00	9	30	5	20	25	2	10.1	86	0.9	36	8
03/10/24 07:00	8	36	18	18	35	2	10.7	83	0.6	64	10
03/10/24 08:00	14	37	29	21	50	2	13.9	72	0.6	82	32
03/10/24 09:00			42	24	66	2	17.4	61	1.9	14	22
03/10/24 10:00			3	8	11	2	20.9	50	3.5	11	23
03/10/24 11:00			4	9	12	2	22.6	45	2.8	353	31
03/10/24 12:00	5		2	7	9	2	23.8	42	3.3	6	28
03/10/24 13:00	2	27	2	7	9	2	25.2	39	2.9	5	26
03/10/24 14:00	5	25	1	5	7	2	26.2	34	3.6	23	22
03/10/24 15:00	5	21	2	6	7	2	26.4	33	3.2	15	25
03/10/24 16:00	4	16	2	7	9	2	26.2	33	3.9	27	18
03/10/24 17:00	4	19	1	6	7	2	25.9	33	3.8	24	16
03/10/24 18:00	4	20	1	8	9	1	25.5	33	2.7	19	21
03/10/24 19:00	3	18	1	12	12	2	24.6	36	2.6	36	16
03/10/24 20:00	6	28	0	13	14	2	23.5	40	2.7	64	14
03/10/24 21:00	7	19	0	14	14	2	22.4	44	3.6	63	13
03/10/24 22:00	4	20	0	9	9	2	21.8	46	4.1	60	13
03/10/24 23:00	6	19	0	7	8	2	20.8	48	3.9	60	13
04/10/24 00:00	10	19	0	8	8	2	20.6	47	4.2	58	13
04/10/24 01:00	7	27	0	5	5	2	20.7	45	4.1	54	14
04/10/24 02:00	8	11					20.7	44	3.5	46	15
04/10/24 03:00	5	17	0	4	4	2	21.2	42	3.5	21	17
04/10/24 04:00	-1	22	0	4	4	2	21.8	40	3.4	9	22
04/10/24 05:00	1	28	0	4	4	2	22.2	39	3.5	11	21
04/10/24 06:00	4	35	0	5	5	2	21.4	43	4.3	5	24
04/10/24 07:00	6	74	0	6	6	2	19.4	55	5.3	13	22
04/10/24 08:00	5	42	1	7	7	2	18.7	63	5.6	23	18
04/10/24 09:00	4	41	1	6	7	2	19.6	62	5.8	18	19
04/10/24 10:00	3	32	2	5	7	2	21.3	55	6.1	23	19
04/10/24 11:00	-1	57	1	5	6	2	23.1	46	5.2	10	24
04/10/24 12:00	-2	77	2	5	7	2	23.8	45	5.7	4	24
04/10/24 13:00	6	68	2	6	8	2	24.2	44	4.9	355	28
04/10/24 14:00	3	36	2	6	8	2	23.4	46	4.7	349	28
04/10/24 15:00	1	28	2	9	11	2	22.7	50	4.0	359	27
04/10/24 16:00	1	29	1	9	10	2	22.8	50	4.1	357	27
04/10/24 17:00	2	21	1	10	11	2	22.7	50	4.0	358	24
04/10/24 18:00	1	17	1	9	10	2	21.9	55	3.2	313	25
04/10/24 19:00	0	16	0	10	10	2	20.3	63	2.3	313	24
04/10/24 20:00	0	11	1	5	6	1	18.1	71	1.8	223	20
04/10/24 21:00	1	16	0	3	3	1	18.0	71	0.4	252	30
04/10/24 22:00	1	15	0	3	3	1	17.5	73	0.7	243	12
04/10/24 23:00	1	17	0	6	6	1	16.9	78	1.3	224	13
05/10/24 00:00	1	18	0	4	4	1	16.0	86	3.0	222	4
05/10/24 01:00	2	18	1	8	8	1	15.5	88	0.4	185	34
05/10/24 02:00	4	9					15.6	77	1.7	260	11
05/10/24 03:00	2	12	0	8	8	1	15.1	72	0.9	312	22
05/10/24 04:00	4	16	5	21	26	1	14.7	73	1.2	339	22
05/10/24 05:00	3	15	17	24	41	2	14.0	77	1.4	346	20
05/10/24 06:00	3	14	9	20	29	2	13.6	76	1.3	327	29
05/10/24 07:00	4	18	28	21	49	2	13.6	71	1.5	347	28
05/10/24 08:00	3	17	14	17	31	3	15.2	65	1.7	330	31

Station Pier Ambient Air Quality Monitoring

October 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/10/24 09:00	4	14	7	8	15	3	17.0	58	2.2	310	25
05/10/24 10:00	2	14	4	7	12	3	18.0	56	2.2	326	29
05/10/24 11:00	-2	11	2	4	6	2	19.2	50	3.4	304	23
05/10/24 12:00	-2	16	1	3	4	2	19.2	51	4.8	294	17
05/10/24 13:00	-2	14	1	2	3	2	19.5	51	5.0	290	17
05/10/24 14:00	-1	13	1	3	3	2	18.7	60	5.9	281	14
05/10/24 15:00	-2	14	1	5	6	2	15.2	87	3.3	277	15
05/10/24 16:00	-5	18	12	10	23	2	15.8	85	1.7	161	19
05/10/24 17:00	-4	13	1	6	7	2	15.3	84	4.5	259	8
05/10/24 18:00	-1	17	1	9	10	2	15.2	83	2.9	287	14
05/10/24 19:00	0	9	1	12	13	1	15.1	81	3.0	284	14
05/10/24 20:00	1	9	0	12	13	2	14.9	83	1.9	297	16
05/10/24 21:00	1	9	1	14	14	2	14.9	81	2.4	297	15
05/10/24 22:00	1	6	0	8	9	2	15.2	73	2.9	287	15
05/10/24 23:00	-2	12	0	8	8	2	14.8	73	2.3	301	13
06/10/24 00:00	-2	7	0	7	8	2	14.3	75	2.2	310	17
06/10/24 01:00	-1	8	1	9	10	2	14.0	77	1.9	358	25
06/10/24 02:00	-3	7					14.9	70	3.2	315	24
06/10/24 03:00	-3	7	0	8	9	2	14.6	71	2.3	345	28
06/10/24 04:00	-2	10	0	7	7	2	14.8	71	2.6	319	23
06/10/24 05:00	-1	16	0	4	4	2	14.3	80	4.7	272	14
06/10/24 06:00	-1	10	0	2	2	2	14.2	74	4.4	274	12
06/10/24 07:00	5	14	0	4	5	2	13.8	72	3.8	287	14
06/10/24 08:00	6	23	1	5	6	2	14.6	68	3.8	279	15
06/10/24 09:00	4	19	1	3	4	2	15.4	64	5.5	268	13
06/10/24 10:00	4	19	1	3	4	2	15.6	65	5.4	270	12
06/10/24 11:00	3	16	1	3	4	2	15.4	69	4.8	267	13
06/10/24 12:00	1	13	1	3	5	2	15.8	69	4.0	284	15
06/10/24 13:00	0	14	1	2	3	2	17.7	54	4.4	280	15
06/10/24 14:00	-1	11	1	2	3	2	18.8	48	5.9	277	13
06/10/24 15:00	4	19	1	2	3	2	19.6	44	5.9	274	13
06/10/24 16:00	4	17	1	2	3	2	20.2	42	5.8	275	12
06/10/24 17:00	1	13	1	4	4	2	20.3	43	4.4	280	13
06/10/24 18:00	4	12	0	3	3	2	20.2	44	4.3	283	14
06/10/24 19:00	7	19	0	3	3	2	19.8	45	3.5	284	14
06/10/24 20:00	10	19	0	12	13	2	19.3	48	2.6	298	14
06/10/24 21:00	6	23	1	19	19	3	18.9	49	2.2	313	22
06/10/24 22:00	7	19	1	18	19	3	17.7	54	1.9	328	27
06/10/24 23:00	5	14	0	11	12	3	18.0	52	3.1	314	26
07/10/24 00:00	0	12	0	7	7	3	17.9	52	2.3	340	30
07/10/24 01:00	-3	12	0	6	6	2	18.0	55	2.5	332	28
07/10/24 02:00	0	10					17.9	59	3.3	295	16
07/10/24 03:00	3	11	0	5	6	2	16.5	70	2.7	274	14
07/10/24 04:00	2	10	0	4	4	2	17.3	59	2.6	306	17
07/10/24 05:00	3	11	0	13	13	2	16.9	63	1.9	329	29
07/10/24 06:00	3	17	0	13	13	2	16.7	64	2.4	331	30
07/10/24 07:00	2	18	1	13	15	2	16.3	65	3.0	331	29
07/10/24 08:00	2	21	2	11	13	2	16.2	66	2.5	326	34
07/10/24 09:00	3	15	3	13	16	2	16.3	70	2.9	285	16
07/10/24 10:00	3	17	3	10	13	2	17.3	65	6.0	268	11
07/10/24 11:00	2	16	2	7	9	2	17.6	63	6.2	272	11
07/10/24 12:00	0	21	1	4	5	2	16.9	63	10.0	245	7
07/10/24 13:00	-2	15	1	2	2	2	16.5	62	9.4	240	8
07/10/24 14:00	3	25	1	2	3	1	15.7	71	8.6	229	7
07/10/24 15:00	4	28	5	5	10	1	14.9	74	5.9	198	8
07/10/24 16:00	8	35	6	5	11	1	14.6	68	6.2	189	8
07/10/24 17:00	7	32	0	1	1	1	14.0	69	7.0	192	6
07/10/24 18:00	4	34	1	2	2	1	14.0	66	6.4	192	7
07/10/24 19:00	3	27	1	1	2	1	13.8	64	6.7	192	7
07/10/24 20:00	3	24	0	1	1	0	13.4	69	7.5	198	5
07/10/24 21:00	4	25	0	2	2	0	13.3	66	7.5	200	5
07/10/24 22:00	3	21	0	3	3	1	13.1	67	7.4	201	6
07/10/24 23:00	0	15	0	1	1	0	12.7	65	7.0	202	5
08/10/24 00:00	-3	16	0	1	1	0	12.6	68	6.3	207	5
08/10/24 01:00	-2	17	1	4	5	1	12.3	68	5.8	198	9
08/10/24 02:00	-2	27					12.1	66	3.3	179	18
08/10/24 03:00	0	33	1	1	2	2	12.2	64	3.8	172	19
08/10/24 04:00	3	24	3	5	8	2	11.5	65	5.3	184	11
08/10/24 05:00	3	26	2	5	7	2	11.9	58	4.3	177	15
08/10/24 06:00	3	30	1	1	2	2	11.9	62	3.8	164	22
08/10/24 07:00	3	27	0	1	1	2	12.1	62	4.2	148	19
08/10/24 08:00	1	14	1	2	2	1	12.2	60	3.8	130	17
08/10/24 09:00	2	25	4	4	7	2	12.9	56	3.5	151	24
08/10/24 10:00	2	19	15	8	23	2	12.8	59	3.6	178	14
08/10/24 11:00	0	15	0	1	1	2	13.2	58	3.5	156	17
08/10/24 12:00	-2	9	0	1	1	2	13.6	56	2.8	166	20
08/10/24 13:00	0	18	0	1	1	2	14.1	55	4.2	184	11
08/10/24 14:00	0	19	0	1	1	2	14.7	53	3.6	183	12
08/10/24 15:00	0	18	0	1	1	2	14.9	52	4.1	184	12
08/10/24 16:00	1	19	0	1	1	2	14.6	53	5.3	189	9
08/10/24 17:00	1	20	0	0	1	2	14.4	55	4.7	183	12
08/10/24 18:00	1	23	0	1	1	2	14.2	56	4.4	178	13
08/10/24 19:00	2	22	0	1	1	2	12.9	63	3.5	165	22
08/10/24 20:00	3	18	0	0	1	2	12.3	63	3.4	152	24
08/10/24 21:00	3	30	0	2	2	2	11.9	65	3.4	114	13
08/10/24 22:00	3	34	0	5	5	2	11.4	67	3.3	106	9
08/10/24 23:00	1	23	0	10	10	2	10.5	66	2.9	96	7
09/10/24 00:00	1	26	0	9	9	2	10.3	69	3.1	99	6
09/10/24 01:00	4	17	0	5	6	2	9.8	67	2.9	96	6
09/10/24 02:00	6	17					9.6	67	2.4	100	7
09/10/24 03:00	4	20	0	6	6	2	9.2	66	1.9	95	6
09/10/24 04:00	0	8	0	6	6	2	8.8	67	1.9	94	5
09/10/24 05:00	0	18	0	7	7	2	8.3	71	1.4	97	7
09/10/24 06:00	3	23	34	21	55	3	8.0	72	0.8	46	15
09/10/24 07:00	11	47	167	34	202	4	8.3	74	1.0	294	10
09/10/24 08:00	11	53	125	37	162	4	10.3	64	0.6	266	24
09/10/24 09:00	6	16	17	16	33	4	13.2	48	1.5	125	22
09/10/24 10:00	0	15	2	5	8	3	13.8	46	2.0	160	17
09/10/24 11:00	-1	19	8	13	21	4	12.8	55	3.4	198	7
09/10/24 12:00	1	17	3	5	8	3	12.9	58	4.0	198	5
09/10/24 13:00	1	17	4	8	13	3	14.6	55	2.9	184	14
09/10/24 14:00	2	19	4	8	11	3	16.2	51	2.2	168	19
09/10/24 15:00	2	24	4	8	11	3	17.1	52	2.3	173	18
09/10/24 16:00	3	27	3	6	10	3	17.2	56	2.3	162	23

Station Pier Ambient Air Quality Monitoring

October 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/10/24 17:00	5	20	1	4	6	3	17.4	60	2.3	164	21
09/10/24 18:00	4	24	1	4	5	3	17.3	67	1.5	149	34
09/10/24 19:00	3	24	0	8	8	3	17.5	64	0.8	113	28
09/10/24 20:00	6	28	0	17	17	3	17.0	64	0.7	106	18
09/10/24 21:00	11	34	28	37	65	3	16.6	58	0.8	359	26
09/10/24 22:00	7	25	2	24	27	3	16.9	48	1.6	1	23
09/10/24 23:00	3	24	1	22	23	3	16.4	50	1.6	355	27
10/10/24 00:00	4	20	1	22	23	3	15.7	52	1.8	342	24
10/10/24 01:00	5	21	0	19	20	2	14.6	56	1.8	323	24
10/10/24 02:00	3	20					14.7	54	2.0	0	22
10/10/24 03:00	1	18	0	7	7	2	15.6	51	3.1	4	23
10/10/24 04:00	4	38	0	5	5	1	16.5	48	5.1	6	21
10/10/24 05:00	2	34	0	8	8	1	16.2	54	4.4	356	26
10/10/24 06:00	1	28	1	14	15	1	15.5	59	4.1	352	27
10/10/24 07:00	6	30	2	11	13	1	15.2	61	4.6	2	22
10/10/24 08:00	4	24	4	11	15	1	15.9	60	3.4	346	30
10/10/24 09:00	3	22	5	10	15	1	16.8	58	3.3	298	22
10/10/24 10:00	2	22	6	9	15	2	18.4	53	2.2	296	24
10/10/24 11:00	3	25	3	5	9	2	17.8	62	4.2	189	11
10/10/24 12:00	6	25	6	9	15	1	17.4	67	4.1	188	11
10/10/24 13:00	8	44	2	3	5	1	17.4	66	2.5	161	30
10/10/24 14:00	8	58	3	5	9	1	17.3	63	2.3	162	33
10/10/24 15:00	7	39	2	2	4	1	17.5	64	3.5	167	19
10/10/24 16:00	7	49	1	3	4	1	17.4	64	3.5	175	16
10/10/24 17:00	7	43	1	2	2	1	17.1	61	3.9	180	13
10/10/24 18:00	6	34	0	1	2	1	16.0	67	5.1	183	11
10/10/24 19:00	6	37	0	3	3	1	15.0	67	4.5	179	13
10/10/24 20:00	8	35	0	1	1	1	14.6	69	3.9	175	16
10/10/24 21:00	7	38	0	2	2	1	14.4	67	3.5	176	14
10/10/24 22:00	5	38	0	1	1	1	14.1	64	3.4	180	13
10/10/24 23:00	6	37	0	1	1	1	14.1	64	3.1	181	11
11/10/24 00:00	5	31	0	1	0	1	14.0	67	4.1	210	7
11/10/24 01:00	7	32	0	9	9	2	13.0	66	4.1	243	7
11/10/24 02:00	12	27					12.2	68	4.3	251	7
11/10/24 03:00	9	29	7	21	28	3	11.6	70	3.8	252	7
11/10/24 04:00	5	30	4	16	20	3	11.0	71	2.1	266	14
11/10/24 05:00	7	36	9	24	34	3	9.7	72	1.1	317	22
11/10/24 06:00	6	42	39	28	67	3	9.4	74	1.3	326	16
11/10/24 07:00	16	61	80	31	112	3	10.0	72	1.4	328	18
11/10/24 08:00	12	66	70	31	100	3	11.6	67	1.4	286	17
11/10/24 09:00	9	30	11	11	22	3	13.4	60	3.4	242	10
11/10/24 10:00	4	20	1	2	3	3	14.3	60	4.4	220	8
11/10/24 11:00	1	17	8	4	12	2	14.7	63	5.6	201	6
11/10/24 12:00	3	14	3	2	5	2	15.1	62	6.1	198	5
11/10/24 13:00	0	16	2	2	3	2	15.4	64	6.6	201	4
11/10/24 14:00	-1	16	3	4	7	2	16.1	62	3.0	187	12
11/10/24 15:00	4	13	1	1	1	2	15.8	63	3.3	143	17
11/10/24 16:00	5	22	0	1	1	2	15.6	68	3.5	174	19
11/10/24 17:00	3	23	0	1	0	2	15.5	68	4.4	183	11
11/10/24 18:00	2	27	0	1	1	2	15.8	63	3.6	177	14
11/10/24 19:00	2	31	0	3	3	2	15.0	73	4.3	180	13
11/10/24 20:00	3	23	0	2	2	2	14.6	76	4.8	183	10
11/10/24 21:00	7	23	0	2	2	2	14.6	76	5.9	192	8
11/10/24 22:00	7	35	0	1	1	2	14.2	74	5.5	187	9
11/10/24 23:00	8	35	0	1	1	2	14.2	68	5.3	188	8
12/10/24 00:00	7	31	0	1	1	2	14.2	62	5.8	190	7
12/10/24 01:00	8	34	0	1	1	2	14.0	66	5.3	192	7
12/10/24 02:00	6	29					13.8	64	5.5	196	7
12/10/24 03:00	4	23	0	1	1	2	13.8	63	6.0	199	6
12/10/24 04:00	4	28	0	1	1	2	13.4	58	4.8	189	8
12/10/24 05:00	5	28	0	1	1	2	13.3	57	2.3	153	20
12/10/24 06:00	6	21	0	1	1	2	13.4	58	1.9	130	19
12/10/24 07:00	8	39	0	2	3	2	13.3	64	2.5	134	17
12/10/24 08:00	7	29	0	0	0	2	13.9	63	2.7	164	22
12/10/24 09:00	6	36	0	1	1	1	14.8	58	2.8	174	17
12/10/24 10:00	9	31	0	1	1	1	15.3	56	3.0	168	19
12/10/24 11:00	6	27	0	1	1	1	15.1	57	3.9	186	11
12/10/24 12:00	5	22	1	2	3	1	14.8	59	5.5	194	5
12/10/24 13:00	6	27	1	2	4	1	14.8	65	6.5	198	4
12/10/24 14:00	7	28	1	2	3	1	15.2	67	7.2	196	3
12/10/24 15:00	2	22	0	1	1	1	15.8	65	6.5	194	5
12/10/24 16:00	0	20	0	1	1	1	15.7	66	7.1	195	5
12/10/24 17:00	3	21	0	1	1	1	15.9	65	5.9	194	6
12/10/24 18:00	3	27	4	7	11	1	16.0	66	5.5	192	6
12/10/24 19:00	2	27	0	3	3	1	15.2	71	3.8	182	17
12/10/24 20:00	1	35	0	1	1	1	14.5	73	2.8	169	19
12/10/24 21:00	6	24	0	2	2	1	14.0	76	2.7	175	16
12/10/24 22:00	6	30	0	1	2	1	13.5	76	1.9	153	22
12/10/24 23:00	5	28	0	2	2	1	13.2	77	1.5	177	15
13/10/24 00:00	4	26	0	6	6	1	12.7	78	0.1	193	19
13/10/24 01:00	8	31	1	21	22	2	11.5	83	1.5	309	13
13/10/24 02:00	7	30					10.6	82	1.2	339	23
13/10/24 03:00	7	31	0	13	13	2	10.1	82	0.9	332	28
13/10/24 04:00	7	28	0	15	16	2	9.9	84	1.2	354	18
13/10/24 05:00	5	26	1	15	15	2	9.6	85	0.9	53	15
13/10/24 06:00	4	25	2	14	16	2	10.0	81	1.3	27	17
13/10/24 07:00	6	31	2	10	12	2	13.5	60	2.1	353	27
13/10/24 08:00	5	27	3	6	9	2	16.0	50	2.2	330	32
13/10/24 09:00	6	37	2	4	6	2	17.9	45	3.0	348	30
13/10/24 10:00	4	49	1	3	4	2	19.3	39	3.7	341	31
13/10/24 11:00	4	29	1	3	4	2	20.8	34	4.2	356	26
13/10/24 12:00	0	25	1	3	4	2	21.8	30	4.1	347	28
13/10/24 13:00	0	22	1	3	4	2	23.2	28	3.5	353	32
13/10/24 14:00	2	18	1	3	4	2	23.9	27	3.6	329	29
13/10/24 15:00	1	19	1	3	3	2	24.4	27	3.3	336	31
13/10/24 16:00	0	22	1	3	4	2	24.9	26	3.0	360	30
13/10/24 17:00	3	20	1	4	5	2	25.0	26	2.1	340	32
13/10/24 18:00	4	17	1	6	6	2	25.1	26	2.2	355	25
13/10/24 19:00	5	18	0	9	10	2	23.9	27	1.5	330	26
13/10/24 20:00	6	20	1	11	12	2	23.0	28	2.0	21	19
13/10/24 21:00	5	21	0	8	9	2	23.0	26	2.1	9	20
13/10/24 22:00	6	26	2	21	23	3	21.3	35	2.0	290	20
13/10/24 23:00	4	17	0	9	10	3	19.5	58	5.4	257	7
14/10/24 00:00	1	14	0	3	3	2	17.7	75	1.6	198	14

Station Pier Ambient Air Quality Monitoring
October 2024
1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/10/24 01:00	1	24	0	2	2	2	16.3	86	2.2	205	14
14/10/24 02:00	1	16					16.1	87	1.8	197	16
14/10/24 03:00	2	11	0	1	1	1	15.7	88	1.5	188	14
14/10/24 04:00	0	13	0	3	3	2	15.5	88	1.4	137	19
14/10/24 05:00	1	13	0	4	4	1	15.4	87	1.1	142	19
14/10/24 06:00	2	15	0	3	3	1	15.2	90	2.2	220	3
14/10/24 07:00	2	11	0	2	2	1	15.2	91	2.4	208	6
14/10/24 08:00	3	13	4	5	9	1	15.5	88	1.7	215	5
14/10/24 09:00	1	10	2	4	6	2	15.7	89	4.0	200	4
14/10/24 10:00	4	16	4	3	8	2	16.4	85	3.8	191	8
14/10/24 11:00	4	14	2	4	6	2	16.2	85	4.9	195	5
14/10/24 12:00	4	20	2	3	5	2	16.5	82	5.2	197	5
14/10/24 13:00	4	24	1	2	3	2	16.4	84	6.7	200	3
14/10/24 14:00	6	30	0	1	2	1	16.3	87	7.8	205	4
14/10/24 15:00	7	25	0	1	1	1	16.4	87	8.5	207	4
14/10/24 16:00	7	26	1	1	2	2	17.2	83	7.1	200	4
14/10/24 17:00	6	32	1	3	4	1	17.9	78	6.0	192	7
14/10/24 18:00	7	24	1	5	6	2	17.6	81	5.5	189	8
14/10/24 19:00	8	36	0	4	4	2	19.0	68	7.0	109	10
14/10/24 20:00	7	49	0	3	3	2	17.4	73	7.2	104	7
14/10/24 21:00	9	51	0	2	2	2	16.6	74	5.6	100	8
14/10/24 22:00	6	38	0	2	2	2	16.1	75	4.9	101	8
14/10/24 23:00	2	30	0	2	2	1	15.8	76	4.3	105	9
15/10/24 00:00	3	40	0	1	2	1	15.6	76	3.7	100	8
15/10/24 01:00	1	41	0	2	2	2	15.3	76	1.9	100	11
15/10/24 02:00	-2	11					14.6	77	0.8	81	14
15/10/24 03:00	0	14	2	6	8	2	14.3	78	0.8	68	12
15/10/24 04:00	8	21	37	22	59	2	13.0	85	1.6	354	11
15/10/24 05:00	7	18	37	21	57	2	12.5	87	0.9	350	19
15/10/24 06:00	15	33	70	23	92	3	12.4	88	1.0	348	14
15/10/24 07:00	11	39	59	24	82	3	13.5	83	0.2	8	27
15/10/24 08:00	6	24	21	18	40	3	14.8	78	0.5	244	26
15/10/24 09:00	6	31	22	17	39	3	15.2	78	1.7	218	8
15/10/24 10:00	6	19	22	18	40	3	18.1	65	1.2	178	19
15/10/24 11:00	1	25	15	15	30	3	18.2	71	1.5	185	21
15/10/24 12:00	-1	21	2	4	6	2	23.6	46	3.2	80	18
15/10/24 13:00	0	21	2	5	7	2	25.4	43	2.2	76	23
15/10/24 14:00	1	13	1	3	4	2	26.5	39	2.5	70	30
15/10/24 15:00	0	19	1	3	3	2	27.3	37	2.2	87	26
15/10/24 16:00	3	37	1	4	5	2	25.0	49	4.6	110	13
15/10/24 17:00	8	49	1	4	6	2	23.2	55	6.2	107	6
15/10/24 18:00	8	39	1	5	6	2	22.0	59	5.3	108	7
15/10/24 19:00	9	54	0	6	6	2	21.3	58	4.1	102	6
15/10/24 20:00	5	48	0	6	7	2	20.2	61	3.7	103	6
15/10/24 21:00	3	46	0	9	9	2	19.8	61	2.1	95	13
15/10/24 22:00	6	26	0	9	9	2	19.0	71	0.6	231	36
15/10/24 23:00	6	28	1	14	15	2	18.3	71	0.9	275	21
16/10/24 00:00	5	28	4	15	19	2	18.1	70	1.8	284	16
16/10/24 01:00	5	18	0	12	12	2	17.4	73	1.1	272	15
16/10/24 02:00	3	25					17.1	79	0.9	92	13
16/10/24 03:00	3	21	0	14	14	1	18.2	79	1.1	351	27
16/10/24 04:00	1	13	0	10	11	1	19.0	73	2.0	4	23
16/10/24 05:00	2	11	0	6	6	1	18.2	74	2.3	19	20
16/10/24 06:00	3	13	1	12	13	1	18.5	70	1.9	20	21
16/10/24 07:00	2	16	3	14	17	1	18.8	64	3.1	16	20
16/10/24 08:00	2	22	12	16	28	2	19.1	62	2.8	18	20
16/10/24 09:00	4	26	8	14	22	2	20.0	60	3.4	14	23
16/10/24 10:00	2	23	21	17	38	2	21.6	56	3.4	8	24
16/10/24 11:00	1	25	5	8	13	2	22.3	54	3.4	0	28
16/10/24 12:00	0	21	4	7	10	2	23.5	51	2.9	356	27
16/10/24 13:00	2	21	2	6	8	1	24.4	47	2.8	4	28
16/10/24 14:00	3	21	2	6	9	2	25.1	45	2.4	356	31
16/10/24 15:00	2	18	1	5	7	2	25.5	44	2.7	346	32
16/10/24 16:00	5	18	1	6	7	1	25.6	43	2.7	16	24
16/10/24 17:00	5	13	1	6	7	1	25.9	42	1.7	5	36
16/10/24 18:00	1	15	1	5	5	2	26.3	41	2.3	11	23
16/10/24 19:00	2	17	0	6	7	2	24.9	45	1.8	358	23
16/10/24 20:00	2	21	0	10	11	2	24.2	49	1.3	344	33
16/10/24 21:00	2	23	0	13	13	2	23.5	52	1.1	339	31
16/10/24 22:00	3	14	0	13	14	2	22.8	55	1.3	359	26
16/10/24 23:00	4	21	0	15	15	2	22.0	60	1.1	2	29
17/10/24 00:00	4	14	0	13	13	2	21.6	62	1.6	21	23
17/10/24 01:00	3	22	0	10	10	2	21.1	63	2.0	11	21
17/10/24 02:00	4	15					20.5	63	2.6	15	20
17/10/24 03:00	4	16	0	7	7	2	20.2	65	2.6	20	19
17/10/24 04:00	2	18	0	7	7	2	20.0	67	2.8	18	19
17/10/24 05:00	2	16	0	8	8	2	20.0	66	3.6	22	16
17/10/24 06:00	2	20	0	10	11	2	19.6	67	3.6	17	19
17/10/24 07:00	2	29	2	13	15	2	19.9	68	4.0	12	20
17/10/24 08:00	3	37	4	11	15	2	21.2	65	4.0	16	20
17/10/24 09:00	3	38	2	7	9	2	22.4	60	4.7	7	22
17/10/24 10:00	1	32	2	7	10	2	23.4	55	3.9	356	27
17/10/24 11:00	1	27	2	7	10	2	24.7	50	3.8	360	26
17/10/24 12:00	3	30	2	6	9	2	25.4	48	3.3	341	29
17/10/24 13:00	1	23	2	6	8	2	25.3	47	3.9	1	26
17/10/24 14:00	0	20	2	7	9	2	25.6	47	4.2	19	19
17/10/24 15:00	5	15	1	8	10	2	25.4	48	3.1	356	27
17/10/24 16:00	2	20	1	10	12	2	24.7	54	3.1	27	19
17/10/24 17:00	-1	13	1	10	10	2	22.3	70	2.0	63	19
17/10/24 18:00	0	9	0	8	8	2	21.3	78	3.9	64	14
17/10/24 19:00	2	8	0	7	7	2	21.0	77	3.2	70	15
17/10/24 20:00	3	8	0	6	6	2	20.6	78	2.8	96	11
17/10/24 21:00	4	12	0	8	8	2	20.7	76	2.6	78	11
17/10/24 22:00	3	13	0	8	8	2	21.5	69	2.1	59	16
17/10/24 23:00	1	15	0	8	8	2	22.4	63	2.0	12	21
18/10/24 00:00	2	11	0	5	6	1	22.9	59	2.6	13	21
18/10/24 01:00	3	9	0	6	6	1	23.1	59	2.2	341	26
18/10/24 02:00	-1	13					23.1	63	3.9	4	24
18/10/24 03:00	-7	8	0	3	3	1	21.2	77	4.5	3	23
18/10/24 04:00	-3	4	0	3	3	1	20.7	81	3.6	11	21
18/10/24 05:00	0	2	0	4	5		20.7	82	3.9	21	18
18/10/24 06:00	-3	2	0	6	7	1	20.7	84	3.7	14	21
18/10/24 07:00	-4	5	0	9	9	1	20.7	85	5.4	25	17
18/10/24 08:00	-3	8	1	11	12	1	20.9	83	3.2	4	23

Station Pier Ambient Air Quality Monitoring

October 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/10/24 09:00	-4	13	1	14	15	1	20.2	89	1.2	14	33
18/10/24 10:00	-5	16	3	15	18	1	19.5	95	1.4	74	20
18/10/24 11:00	1	20	3	19	22	1	18.1	95	4.0	272	14
18/10/24 12:00	1	8	2	11	13	1	18.7	95	2.1	213	11
18/10/24 13:00	4	14	1	2	3	1	19.7	90	1.3	126	16
18/10/24 14:00	2	11	2	11	13	1	19.3	94	0.7	172	18
18/10/24 15:00	-1	8	1	4	5	1	19.8	92	1.4	117	16
18/10/24 16:00	-1	17	1	8	9	1	19.6	93	2.0	245	16
18/10/24 17:00	-1	8	0	4	4	1	18.5	94			
18/10/24 18:00	1	11	0	4	4	1	17.6	95			
18/10/24 19:00	3	15	0	2	2	1	16.7	95			
18/10/24 20:00	3	16	1	4	5	1	16.8	94			
18/10/24 21:00	-1	10	0	1	1	1	16.8	91			
18/10/24 22:00	1	5	0	1	1	1	16.5	89			
18/10/24 23:00	2	15	0	1	1	1	16.3	87			
19/10/24 00:00	-2	9	0	0	0	1	15.9	87			
19/10/24 01:00	-4	10	0	0	1	1	15.7	88			
19/10/24 02:00	-3	8					15.6	89			
19/10/24 03:00	-1	10	0	0	0	1	15.3	92			
19/10/24 04:00	0	9	0	0	0	1	15.3	91			
19/10/24 05:00	0	9	37	7	43	1	15.2	89			
19/10/24 06:00	11	25	218	35	252	3	15.0	90			
19/10/24 07:00	31	38	255	53	308	4	14.8	90			
19/10/24 08:00	13	26	152	35	187	5	14.8	89			
19/10/24 09:00	52	72	444	41	485	14	14.7	80			
19/10/24 10:00	48	74	415	50	466	23	15.4	71			
19/10/24 11:00	39	58	271	36	307	17	15.7	68			
19/10/24 12:00	13	43	74	22	96	8	16.2	67			
19/10/24 13:00	9	44	4	5	10	4	16.6	69			
19/10/24 14:00	10	49	5	5	10	3	17.1	71			
19/10/24 15:00	5	44	3	3	5	3	17.1	72			
19/10/24 16:00	3	33	1	2	3	2	17.2	72			
19/10/24 17:00	1	23	2	3	5	2	16.3	78			
19/10/24 18:00	2	16	21	10	30	1	15.8	77			
19/10/24 19:00	2	18	5	6	11	1	15.8	74			
19/10/24 20:00	1	16	0	2	2	1	15.8	74			
19/10/24 21:00	1	19	0	1	1	1	16.0	74			
19/10/24 22:00	3	15	0	1	1	1	15.9	78			
19/10/24 23:00	1	10	0	1	1	1	15.8	77			
20/10/24 00:00	-2	10	0	2	2	1	15.4	82			
20/10/24 01:00	0	15	0	1	1	2	15.4	83			
20/10/24 02:00	-1	17					15.2	80			
20/10/24 03:00	-1	16	0	1	1	2	15.1	75			
20/10/24 04:00	0	14	0	1	1	2	15.2	74			
20/10/24 05:00	3	21	0	1	1	2	15.2	75			
20/10/24 06:00	3	16	0	1	1	2	15.2	76			
20/10/24 07:00	4	11	0	0	0	2	15.1	82			
20/10/24 08:00	2	16	0	1	1	2	15.9	77			
20/10/24 09:00	-2	15	0	1	2	2	16.7	72			
20/10/24 10:00	-2	16	0	1	1	2	16.7	72			
20/10/24 11:00	2	12	0	1	1	2	16.1	76			
20/10/24 12:00	3	10	0	1	1	2	16.3	77			
20/10/24 13:00	3	14	0	1	1	2	16.6	78			
20/10/24 14:00	3	14	0	1	1	2	17.0	78			
20/10/24 15:00	3	17	2	5	7	2	17.2	78			
20/10/24 16:00	2	14	3	3	6	2	17.6	76			
20/10/24 17:00	5	16	0	1	1	2	17.7	76			
20/10/24 18:00	7	18	1	3	4	2	17.8	76			
20/10/24 19:00	4	16	0	1	2	2	16.9	80			
20/10/24 20:00	0	20	7	10	16	2	16.4	84			
20/10/24 21:00	0	15	0	1	1	2	16.3	81			
20/10/24 22:00	1	12	0	1	1	2	15.7	84			
20/10/24 23:00	3	21	0	3	3	2	15.1	86			
21/10/24 00:00	4	20	0	2	2	2	14.7	86			
21/10/24 01:00	5	15	0	1	1	2	14.9	84			
21/10/24 02:00	4	15					15.0	84			
21/10/24 03:00	5	15	0	2	2	2	14.8	81			
21/10/24 04:00	3	23	0	6	6	2	13.8	81			
21/10/24 05:00	3	24	0	4	4	2	12.6	85			
21/10/24 06:00	4	15	2	10	12	2	12.1	88			
21/10/24 07:00	6	17	15	14	30	2	13.0	84			
21/10/24 08:00	6	20	28	16	44	3	14.3	78			
21/10/24 09:00	3	23	20	14	34	3	15.8	72			
21/10/24 10:00	5	25	19	14	33	3	17.7	66			
21/10/24 11:00	6	21	18	15	32	3	18.4	68			
21/10/24 12:00	7	19	11	11	23	3	19.3	67			
21/10/24 13:00	8	18	5	9	14	3	19.8	68			
21/10/24 14:00	10	24	4	9	13	3	22.1	60			
21/10/24 15:00	6	23	2	6	8	3	23.0	58			
21/10/24 16:00	2	20	1	5	6	2	23.0	63			
21/10/24 17:00	7	21	1	4	5	2	23.5	64			
21/10/24 18:00	5	25	1	5	5	2	24.2	62			
21/10/24 19:00	1	17	0	7	7	2	24.4	62			
21/10/24 20:00	2	17	0	10	10	3	23.1	66			
21/10/24 21:00	5	20	0	13	13	2	22.6	63			
21/10/24 22:00	9	21	7	21	28	2	21.7	66			
21/10/24 23:00	10	23	4	20	24	2	21.0	66			
22/10/24 00:00	9	28	35	24	59	3	20.1	72			
22/10/24 01:00	7	26	4	19	23	2	19.2	71			
22/10/24 02:00	6	22					18.6	73			
22/10/24 03:00	6	16	0	11	12	2	19.3	65			
22/10/24 04:00	7	9	0	11	12	2	20.2	59			
22/10/24 05:00	5	16	0	10	10	1	20.4	56			
22/10/24 06:00	6	24	1	14	15	1	20.1	57			
22/10/24 07:00	6	31	5	21	25	1	20.8	54			
22/10/24 08:00	5	46	8	20	27	1	22.4	49			
22/10/24 09:00	5	35	5	14	19	1	24.4	42			
22/10/24 10:00	3	33	4	13	17	1	25.0	41			
22/10/24 11:00	2	33	4	11	15	1	26.1	39			
22/10/24 12:00	3	30	3	10	13	1	28.0	36			
22/10/24 13:00	3	26	2	8	10	1	29.7	34			
22/10/24 14:00	2	30	2	7	9	1	31.1	31			
22/10/24 15:00	3	29	2	8	10	1	31.0	32			
22/10/24 16:00	16	39	1	4	5	1	21.7	68			

Station Pier Ambient Air Quality Monitoring

October 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/10/24 17:00	13	31	0	1	1	1	17.5	85			
22/10/24 18:00	12	35	1	2	3	1	17.1	85			
22/10/24 19:00	12	33	0	1	1	1	16.4	86			
22/10/24 20:00	7	30	0	1	1	1	16.0	86			
22/10/24 21:00	6	33	0	1	1	1	15.8	86			
22/10/24 22:00	6	30	0	1	1	1	15.5	83			
22/10/24 23:00	5	31	0	1	1	1	15.4	79			
23/10/24 00:00	7	31	0	1	1	1	15.2	78			
23/10/24 01:00	7	33	0	1	1	2	15.1	77			
23/10/24 02:00	9	31					15.0	76			
23/10/24 03:00	11	35	0	1	1	2	14.7	76			
23/10/24 04:00	8	32	0	1	1	2	14.5	75			
23/10/24 05:00	10	29	0	1	1	2	14.6	74			
23/10/24 06:00	8	36	0	2	2	2	14.4	74			
23/10/24 07:00	5	32	0	2	2	2	14.3	76			
23/10/24 08:00	5	27	0	3	4	2	14.3	76			
23/10/24 09:00	8	29	0	3	3	2	14.3	75			
23/10/24 10:00	6	38	1	2	3	2	14.7	74			
23/10/24 11:00	10	36	1	3	4	2	15.5	72			
23/10/24 12:00	7	28	2	3	5	2	17.4	60			
23/10/24 13:00	6	22	1	3	4	3	17.9	58			
23/10/24 14:00	6	24	1	4	5	2	18.9	56			
23/10/24 15:00	5	25	2	4	6	2	19.7	50			
23/10/24 16:00	5	23	1	3	4	2	20.1	45			
23/10/24 17:00	4	21	0	2	2	2	19.5	49			
23/10/24 18:00	3	21	1	2	3	2	19.6	49			
23/10/24 19:00	5	32	1	5	6	3	18.5	56			
23/10/24 20:00	3	16	0	2	3	2	15.3	69			
23/10/24 21:00	2	13	1	6	6	2	15.1	60			
23/10/24 22:00	3	13	0	4	4	2	14.5	68			
23/10/24 23:00	4	20	0	6	7	2	13.9	70			
24/10/24 00:00	4	17	0	5	6	2	13.7	71			
24/10/24 01:00	4	14	0	4	5	2	13.3	73			
24/10/24 02:00	5	28					12.7	74			
24/10/24 03:00	6	28	0	13	13	2	12.3	75			
24/10/24 04:00	7	24	1	12	13	3	12.1	76			
24/10/24 05:00	6	19	1	14	14	3	12.0	77			
24/10/24 06:00	7	25	2	16	17	2	11.9	79			
24/10/24 07:00	6	22	7	16	22	2	12.4	76			
24/10/24 08:00	5	22	4	7	11	2	13.1	68			
24/10/24 09:00	3	20	1	3	4	2	13.9	62			
24/10/24 10:00	1	19	0	1	2	2	14.4	62			
24/10/24 11:00	-1	16	1	2	2	2	14.9	57			
24/10/24 12:00	0	15	0	1	1	2	15.0	63			
24/10/24 13:00	3	17	0	1	1	2	15.4	60			
24/10/24 14:00	1	20	1	2	3	2	16.3	59			
24/10/24 15:00	-1	6	0	1	1	2	15.9	59			
24/10/24 16:00	0	13	0	1	1	1	16.7	57			
24/10/24 17:00	5	22	0	1	1	1	16.0	61			
24/10/24 18:00	3	16	1	2	3	1	16.7	50			
24/10/24 19:00	3	19	0	1	1	1	16.2	55			
24/10/24 20:00	3	10	0	3	3	1	15.2	54			
24/10/24 21:00	2	14	0	5	6	1	14.4	60			
24/10/24 22:00	2	10	0	4	5	1	13.8	65			
24/10/24 23:00	2	9	0	4	4	1	13.4	70			
25/10/24 00:00	3	8	0	4	4	1	12.7	77			
25/10/24 01:00	3	8	0	3	3	2	12.4	81			
25/10/24 02:00	2	8					11.9	82			
25/10/24 03:00	2	8	0	6	6	2	12.0	79			
25/10/24 04:00	4	15	0	4	4	3	11.9	76			
25/10/24 05:00	3	13	0	5	5	2	11.7	75			
25/10/24 06:00	4	17	2	9	11	2	11.5	72			
25/10/24 07:00	4	16	1	5	6	2	11.4	73			
25/10/24 08:00	3	15	1	4	4	2	11.9	72			
25/10/24 09:00	3	16	0	2	2	2	12.1	75			
25/10/24 10:00	4	16	0	1	1	2	13.1	66			
25/10/24 11:00	2	24	0	1	1	3	14.2	56			
25/10/24 12:00	3	13	0	0	1	2	14.5	51			
25/10/24 13:00	3	17	0	0	0	2	14.8	52			
25/10/24 14:00	3	13	0	0	1	2	14.8	46			
25/10/24 15:00	2	17	0	0	1	2	15.9	47			
25/10/24 16:00	4	14	0	0	1	2	15.7	48			
25/10/24 17:00	4	20	0	0	0	2	16.0	48			
25/10/24 18:00	-1	21	0	1	1	2	16.2	46			
25/10/24 19:00	-3	22	0	1	1	2	15.2	51			
25/10/24 20:00	0	18	0	1	1	2	14.1	56			
25/10/24 21:00	3	13	0	2	3	2	13.5	58			
25/10/24 22:00	3	13	0	2	2	2	13.1	60			
25/10/24 23:00	3	17	0	5	5	3	12.5	61			
26/10/24 00:00	1	16	0	10	10	3	12.0	60			
26/10/24 01:00	-1	17	0	7	8	2	11.5	62			
26/10/24 02:00	0	10					10.9	64			
26/10/24 03:00	3	7	0	7	7	2	10.9	63			
26/10/24 04:00	4	8	0	8	8	2	10.0	67			
26/10/24 05:00	3	14	1	12	13	2	9.2	71			
26/10/24 06:00	2	16	3	15	17	2	8.4	76			
26/10/24 07:00	4	22	15	15	29	2	8.9	73			
26/10/24 08:00	4	21	20	15	35	3	10.5	65			
26/10/24 09:00	4	22	20	16	37	3	12.3	59			
26/10/24 10:00	5	18	26	19	45	3	13.5	60			
26/10/24 11:00	3	16	14	13	27	3	16.3	44			
26/10/24 12:00	5	24	9	12	20	3	16.1	53			
26/10/24 13:00	5	17	7	12	19	3	17.5	46			
26/10/24 14:00	2	19	8	10	18	3	18.6	46			
26/10/24 15:00	2	24	5	8	12	3	19.6	50			
26/10/24 16:00	3	27	3	6	9	3	20.0	52			
26/10/24 17:00	5	21	1	6	8	3	21.0	46			
26/10/24 18:00	3	13	1	5	6	2	23.2	22			
26/10/24 19:00	3	10	1	7	8	2	22.0	25			
26/10/24 20:00	3	17	1	14	15	2	21.0	31			
26/10/24 21:00	4	12	1	12	13	3	20.6	28			
26/10/24 22:00	4	18	1	12	14	3	19.7	29			
26/10/24 23:00	1	14	1	10	11	3	19.3	28			
27/10/24 00:00	-1	12	1	10	11	3	18.9	29			

Station Pier Ambient Air Quality Monitoring

October 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/10/24 01:00	1	25	0	9	10	1	18.7	31			
27/10/24 02:00	1	17					18.9	30			
27/10/24 03:00	2	16	0	5	5	1	18.7	31			
27/10/24 04:00	2	13	0	6	6	1	18.2	34			
27/10/24 05:00	2	15	0	6	6	1	18.2	35			
27/10/24 06:00	5	17	0	6	7	1	18.2	35			
27/10/24 07:00	3	20	1	5	6	1	18.8	35			
27/10/24 08:00	2	20	1	5	6	1	19.5	35			
27/10/24 09:00	3	25	1	5	6	1	20.4	33			
27/10/24 10:00	2	17	1	4	5	1	22.0	31			
27/10/24 11:00	-2	15	1	4	6	1	24.9	27			
27/10/24 12:00	0	16	1	5	5	1	23.5	35			
27/10/24 13:00	2	19	0	2	3	1	23.4	37			
27/10/24 14:00	2	14	0	3	3	1	24.1	38			
27/10/24 15:00	1	17	0	2	3	1	22.6	52			
27/10/24 16:00	0	20	0	2	2	1	20.0	68			
27/10/24 17:00	5	26	0	1	1	1	19.4	65			
27/10/24 18:00	6	33	0	1	1	1	18.6	67			
27/10/24 19:00	3	34	0	1	1	1	17.7	71			
27/10/24 20:00	3	23	0	0	1	1	17.1	77			
27/10/24 21:00	6	38	0	1	1	1	16.8	79			
27/10/24 22:00	3	27	0	1	1	1	16.8	77			
27/10/24 23:00	1	25	0	1	1	1	16.4	80			
28/10/24 00:00	3	20	0	1	1	1	15.9	76			
28/10/24 01:00	2	18	0	4	4	1	15.3	73			
28/10/24 02:00	2	18					14.8	77			
28/10/24 03:00	4	22	2	11	13	1	14.6	77			
28/10/24 04:00	7	20	2	12	14	1	14.5	79			
28/10/24 05:00	5	17	4	15	19	1	14.3	79			
28/10/24 06:00	3	18	4	14	18	1	13.8	82			
28/10/24 07:00	5	21	9	14	23	2	13.7	84			
28/10/24 08:00	6	21	1	4	5	1	14.2	83			
28/10/24 09:00	6	27	1	2	2	2	15.0	75			
28/10/24 10:00	8	29	0	1	1	2	15.5	67			
28/10/24 11:00	8	27	0	1	1	2	16.2	63			
28/10/24 12:00	6	27	0	1	1	1	16.4	58			
28/10/24 13:00	7	41	0	1	1	1	17.2	54			
28/10/24 14:00	5	36	0	1	1	1	17.4	55			
28/10/24 15:00	5	29	0	1	1	1	17.5	55			
28/10/24 16:00	7	29	0	1	1	1	17.3	54			
28/10/24 17:00	7	28	1	2	3	1	17.0	56			
28/10/24 18:00	5	33	1	1	2	2	16.3	63			
28/10/24 19:00	5	31	0	1	1	2	15.5	67			
28/10/24 20:00	7	31	0	2	2	2	15.1	67			
28/10/24 21:00	5	25	0	2	2	1	14.8	67			
28/10/24 22:00	2	27	0	1	1	2	14.9	69			
28/10/24 23:00	4	22	0	1	1	2	15.0	69			
29/10/24 00:00	5	20	0	1	1	1	15.0	70			
29/10/24 01:00	2	22	0	2	2	2	14.3	73			
29/10/24 02:00	2	22					13.2	74			
29/10/24 03:00	6	25	0	9	10	2	12.3	76			
29/10/24 04:00	3	29	2	18	21	2	11.5	76			
29/10/24 05:00	6	30	9	21	30	3	11.8	77			
29/10/24 06:00	5	25	9	20	28	3	12.9	77			
29/10/24 07:00	9	29	11	19	30	3	13.4	76			
29/10/24 08:00	7	24	5	11	16	3	13.7	74			
29/10/24 09:00	5	24	3	5	8	3	14.3	70			
29/10/24 10:00	5	17	2	3	5	3	14.9	67			
29/10/24 11:00	7	17	1	2	2	3	15.6	65			
29/10/24 12:00	6	17	0	1	1	3	16.3	63			
29/10/24 13:00	8	20	1	1	2	3	18.1	58			
29/10/24 14:00	6	24	1	2	3	3	18.8	56			
29/10/24 15:00	7	23	0	1	1	3	17.5	63			
29/10/24 16:00	7	26	0	1	1	3	17.9	62			
29/10/24 17:00	6	22	0	1	1	2	18.1	62			
29/10/24 18:00	4	27	0	1	1	3	17.7	63			
29/10/24 19:00	1	17	0	3	3	2	16.5	70			
29/10/24 20:00	2	22	0	2	2	3	15.8	76			
29/10/24 21:00	2	22	0	1	1	2	15.8	76			
29/10/24 22:00	1	16	0	1	1	3	15.9	77			
29/10/24 23:00	1	14	0	2	2	3	15.8	76			
30/10/24 00:00	1	12	2	13	15	3	15.3	73			
30/10/24 01:00	0	19	3	14	17	3	14.8	72			
30/10/24 02:00	0	6					14.4	75			
30/10/24 03:00	1	6	1	9	10	3	13.9	79			
30/10/24 04:00	2	8	1	10	11	2	13.1	82			
30/10/24 05:00	2	9	1	12	13	2	13.1	82			
30/10/24 06:00	0	7	5	18	22	3	13.4	79			
30/10/24 07:00	0	14	4	12	16	3	13.7	76			
30/10/24 08:00	1	10	2	6	8	3	13.9	74			
30/10/24 09:00	2	8	1	1	2	3	14.1	71			
30/10/24 10:00	0	9	1	2	3	3	14.0	68			
30/10/24 11:00	-1	7	1	1	3	2	16.9	58	1.6	138	21
30/10/24 12:00	0	10	9	7	16	3	17.1	61	2.3	167	19
30/10/24 13:00	2	10	3	5	9	3	17.9	59	2.1	159	23
30/10/24 14:00	2	26	2	4	6	2	18.9	60	2.4	176	17
30/10/24 15:00	1	12	2	4	5	3	20.3	56	1.7	157	27
30/10/24 16:00	-1	12	1	2	3	3	20.5	58	2.3	177	19
30/10/24 17:00	-3	10	0	1	2	2	18.6	65	4.2	181	14
30/10/24 18:00	-2	11	1	2	3	2	17.4	74	4.5	184	12
30/10/24 19:00	0	20	1	4	4	3	16.6	78	4.0	181	15
30/10/24 20:00	0	17	0	2	2	2	16.2	80	3.4	175	17
30/10/24 21:00	0	17	0	1	2	2	16.0	78	3.4	179	15
30/10/24 22:00	2	14	1	1	2	2	15.8	78	2.4	156	23
30/10/24 23:00	2	20	0	1	2	2	15.6	76	2.1	116	17
31/10/24 00:00	1	16	0	2	2	2	15.5	75	1.5	96	15
31/10/24 01:00	0	20	0	3	3	2	15.4	75	1.0	118	20
31/10/24 02:00	2	5					15.4	78	2.7	221	15
31/10/24 03:00	0	9	0	2	2	2	15.1	79	6.3	229	6
31/10/24 04:00	-2	5	0	2	2	2	14.7	78	5.6	231	7
31/10/24 05:00	3	8	1	7	8	2	14.1	82	5.7	242	7
31/10/24 06:00	2	7	2	9	11	2	13.9	83	5.1	244	8
31/10/24 07:00	4	7	7	12	19	2	14.1	82	5.5	241	8
31/10/24 08:00	3	7	4	4	7	2	14.5	81	6.2	228	7

Station Pier Ambient Air Quality Monitoring
October 2024
1-Hour Data

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/10/24 09:00	-2	7	1	2	3	2	14.9	77	4.4	220	8
31/10/24 10:00	-2	7	0	1	1	2	15.4	72	4.4	209	10
31/10/24 11:00	-1	11	0	1	2	2	17.1	63	2.4	186	17
31/10/24 12:00	-1	12	1	2	3	2	18.5	56	1.8	137	22
31/10/24 13:00	1	10	1	2	3	2	17.1	61	1.8	141	20
31/10/24 14:00	2	11	0	1	1	1	18.2	57	1.8	152	18
31/10/24 15:00	2	11	1	2	3	1	16.8	69	4.7	183	10
31/10/24 16:00	2	10	0	1	1	1	17.2	70	4.8	181	11
31/10/24 17:00	3	16	0	0	0	1	16.2	70	6.2	187	8
31/10/24 18:00	1	17	0	1	1	1	16.1	67	5.3	184	10
31/10/24 19:00	0	16	0	0	0	1	15.6	70	6.7	190	7
31/10/24 20:00	-1	14	1	2	3	1	15.0	71	5.5	183	10
31/10/24 21:00	-2	17	0	0	0	1	14.9	69	5.7	187	8
31/10/24 22:00	2	10	0	1	1	1	14.7	70	7.0	198	6
31/10/24 23:00	2	13	0	0	0	1	14.4	67	6.9	202	7
01/11/24 00:00	2	17	0	1	1	1	14.3	67	6.7	200	6

Station Pier Ambient Air Quality Monitoring

October 2024

1-Day Data

Date	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/1/2024	5	23	10	10	20	2	14.4	76	0.8	187	16
10/2/2024	7	32	2	7	8	2	13.6	75	2.3	175	10
10/3/2024	7	28	5	13	18	2	19.3	55	2.3	27	19
10/4/2024	2	31	1	6	7	2	20.8	55	3.0	5	21
10/5/2024	0	13	5	10	15	2	15.8	72	2.2	294	19
10/6/2024	2	15	1	6	7	2	16.9	59	3.6	287	18
10/7/2024	2	20	1	5	7	1	15.5	66	4.1	228	13
10/8/2024	1	22	1	3	4	2	12.7	60	3.5	165	15
10/9/2024	4	23	18	14	32	3	13.5	60	0.9	145	17
10/10/2024	5	33	2	6	7	1	16.0	61	0.9	199	19
10/11/2024	6	29	10	9	19	2	13.6	68	3.3	203	11
10/12/2024	5	28	0	2	2	1	14.4	65	3.9	186	12
10/13/2024	4	25	1	8	9	2	18.6	49	2.0	339	24
10/14/2024	4	24	1	3	4	2	16.3	83	3.2	173	8
10/15/2024	5	29	13	11	24	2	18.8	66	1.4	99	17
10/16/2024	3	19	3	10	13	2	21.9	57	2.0	5	25
10/17/2024	2	19	1	8	9	2	22.2	63	2.8	22	20
10/18/2024	-1	10	1	6	7	1	19.2	87	1.8	7	20
10/19/2024	10	28	77	13	91	4	15.8	79			
10/20/2024	2	16	1	2	2	2	16.1	78			
10/21/2024	5	20	8	10	18	2	18.8	71			
10/22/2024	6	29	2	8	10	1	21.1	62			
10/23/2024	6	26	1	3	4	2	16.1	66			
10/24/2024	3	17	1	5	6	2	14.2	65			
10/25/2024	2	15	0	3	3	2	13.4	62			
10/26/2024	3	17	6	11	17	3	15.8	50			
10/27/2024	2	21	0	3	4	1	19.5	49			
10/28/2024	5	26	1	4	5	1	15.5	68			
10/29/2024	5	22	2	6	8	3	15.3	70			
10/30/2024	0	12	2	5	7	3	15.9	71	2.5	167	18
10/31/2024	1	11	1	2	3	1	15.6	71	4.3	204	11

Valid Data Exception Table

October 2024

GHD Station Pier

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/10/24 00:00	01/11/24 00:00	Static offset of +1.6 ppb applied to correct SO ₂ baseline	SO ₂	AA	14/11/24
01/10/24 01:00	31/10/24 01:55	Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation	NO, NO ₂ , NO _x , SO ₂	AA	14/11/24
01/10/24 02:00	02/10/24 00:55	Linear offsets of A= 0ppb; B = +1.5ppb applied to correct baseline drift	SO ₂	AA	14/11/24
01/10/24 23:45	31/10/24 23:50	Automatic background checks from 23:45 to 23:50 every night	SO ₂	AA	14/11/24
03/10/24 08:00	03/10/24 11:00	Scheduled monthly maintenance	NO, NO ₂ , NO _x , SO ₂ , PM _{2.5} , PM ₁₀	AA	14/11/24
08/10/24 03:35	19/10/24 10:45	Intermittent unrealistic negative reading	NO, NO ₂ , NO _x	AA	14/11/24
18/10/24 15:20	30/10/24 09:20	Instrument fault - Wind data flatlined	WS, WD, Sigma	AA	14/11/24
30/10/24 09:25	30/10/24 12:00	Non-schedule maintenance - Swapped out the wind sensor (OUT:21-1019, IN:21-1020)	WS, WD, Sigma	AA	14/11/24

Kunak VIC 6

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/10/24 00:25	30/10/24 08:40	Intermittent instrument fault - Data transmission error	NO ₂ , O ₃ , SO ₂ , PM _{2.5} , PM ₁₀	AA	14/10/24
03/10/24 08:00	03/10/24 11:30	Scheduled monthly maintenance	Nil	AA	13/08/24

Kunak VIC 7- 40 Beacon Vista

Start Date	End Date	Reason	Change Details	User Name	Change Date
05/10/24 23:35	31/10/24 01:20	Intermittent instrument fault - Data transmission error	NO ₂ , O ₃ , SO ₂ , PM _{2.5} , PM ₁₀	AA	14/11/24

Kunak VIC 8 - Site 2

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/10/24 00:00	01/11/24 00:00	Sensor powered up in workshop after repair, testing before data collection begins	Nil	AA	14/11/24

These tables include all changes made to data during the validation process



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→ **The Power of Commitment**