



Station Pier Air Quality Monitoring Program

**Air Quality Monitoring Report –
November 2024**

Ports Victoria

13 January 2025

→ **The Power of Commitment**



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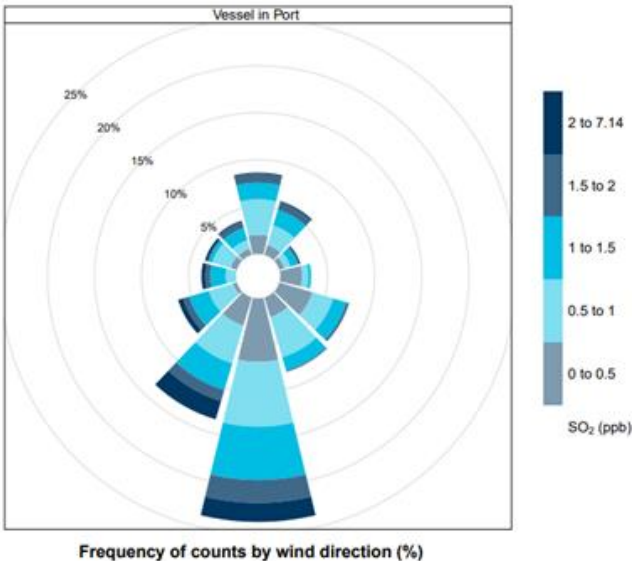
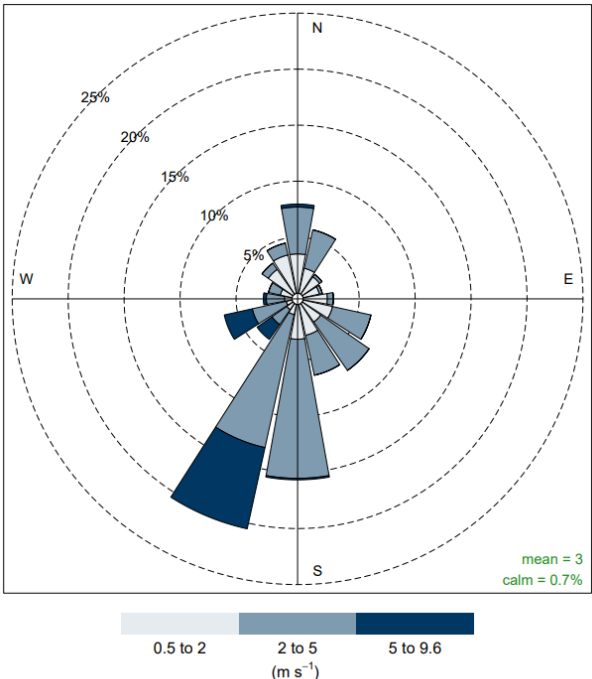
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Glossary of terms

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.

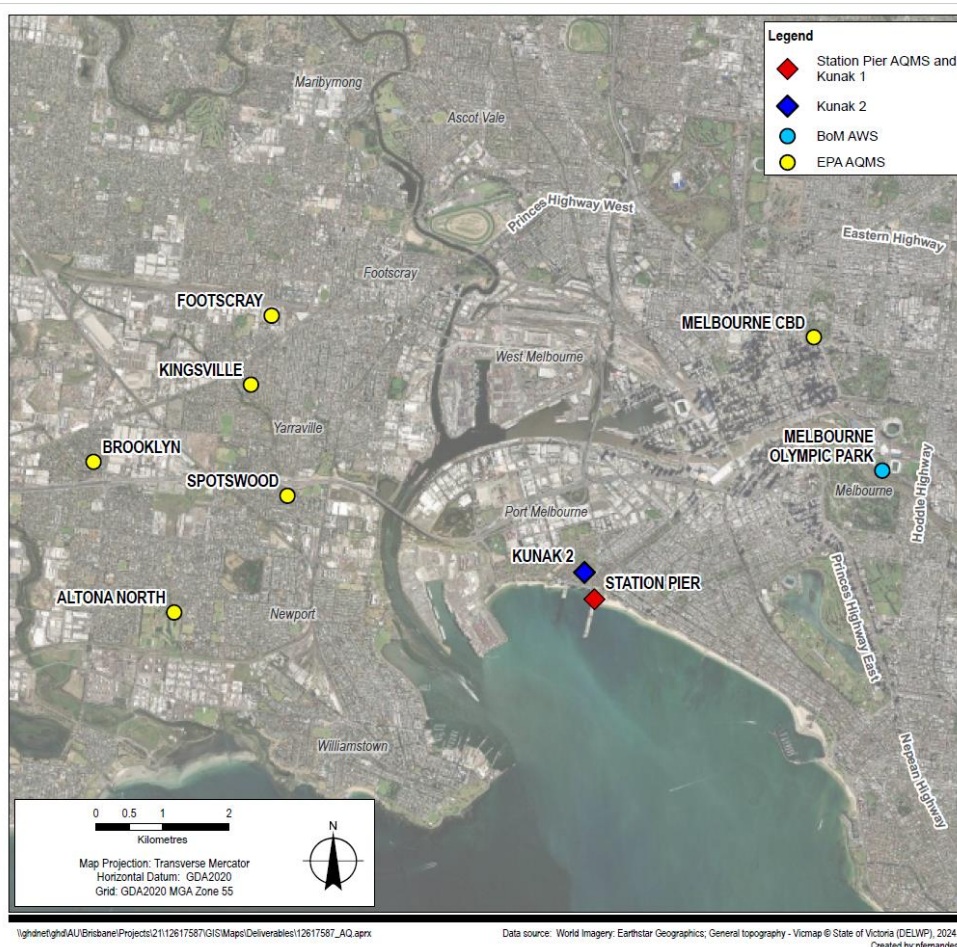


Figure 1 Air quality monitoring program location

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 – November 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 November 2024 to 30 November 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 2023 and 30 November 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 November 2024 to 30 November 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 November 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 45.0 µg/m³, which is 10% below the criterion.

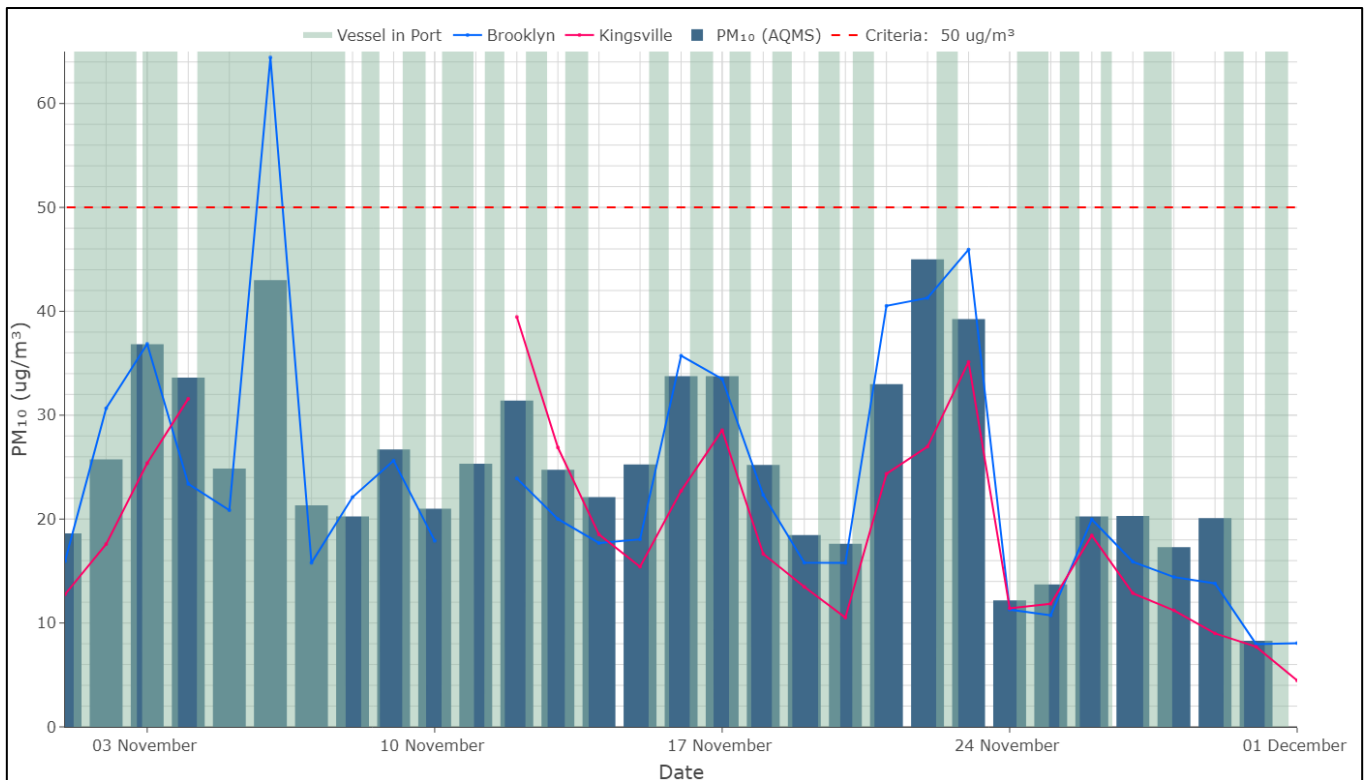


Figure 2 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (November 2024) (criteria: 50 µg/m³)

3.2 PM_{2.5}

The 24-hour average PM_{2.5} concentrations observed in November 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 15.0 µg/m³, which is 40% below the criterion.

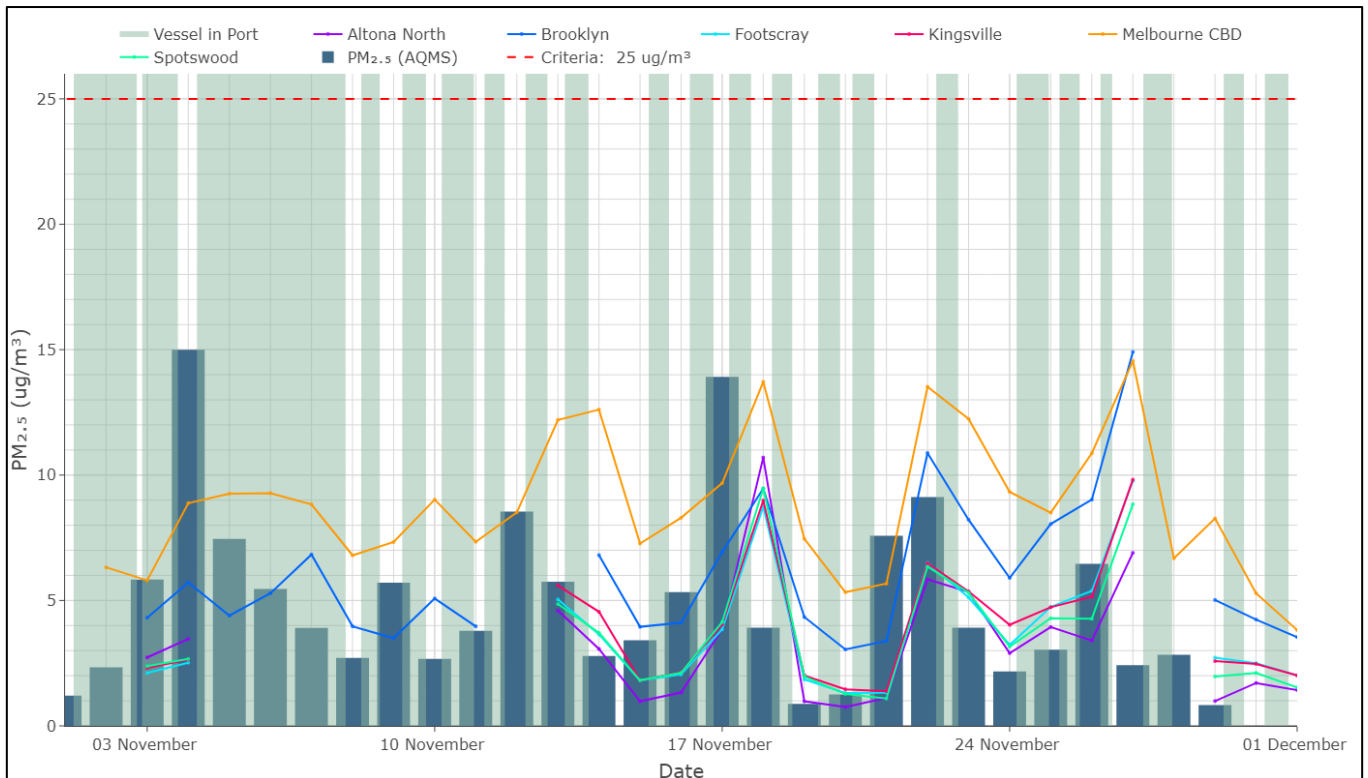


Figure 3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (November 2024) (criteria: 25 µg/m³)

3.3 NO₂

The hourly average NO₂ concentrations observed in November 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 51.6 ppb, which is 36% below the criterion.

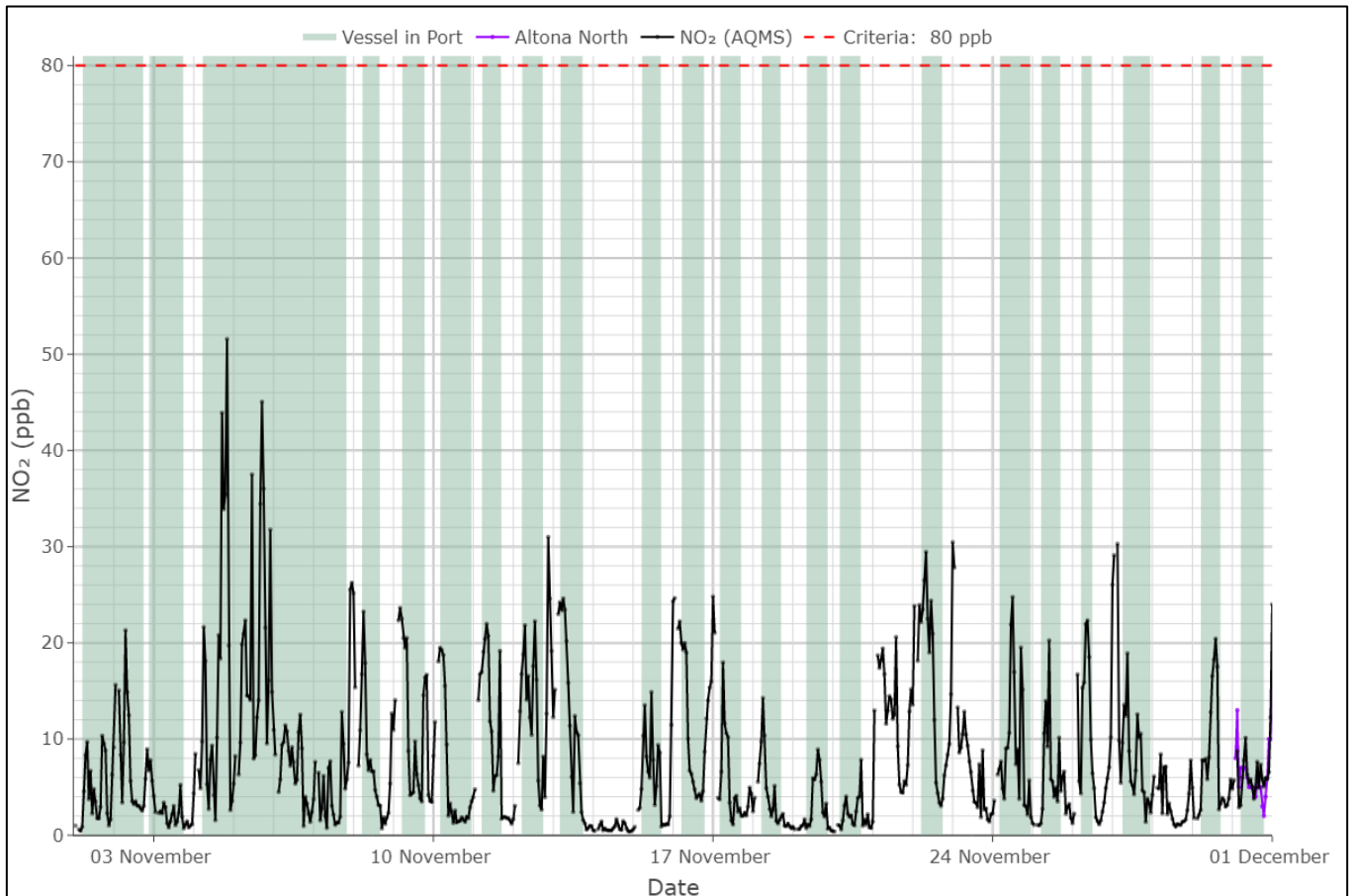


Figure 4 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (November 2024) (criteria: 80 ppb)

3.4 SO₂

The hourly and 24-hour average SO₂ concentrations observed in November 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 30.8 ppb, which is 59% below the criterion.
- All 24-hour average SO₂ concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 6.3 ppb, which is 69% below the criterion.

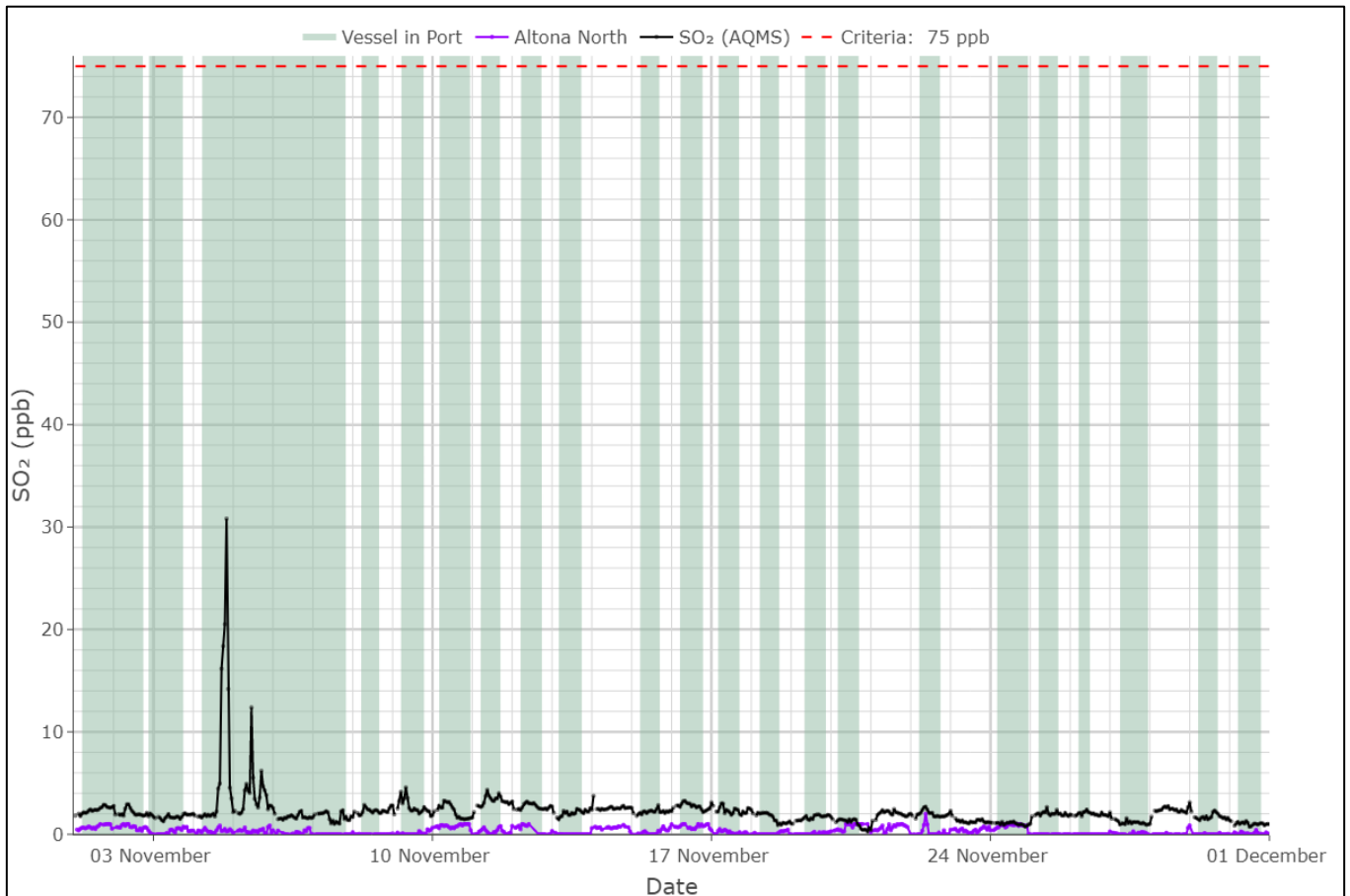


Figure 5 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA Station (November 2024) (criteria: 75 ppb)

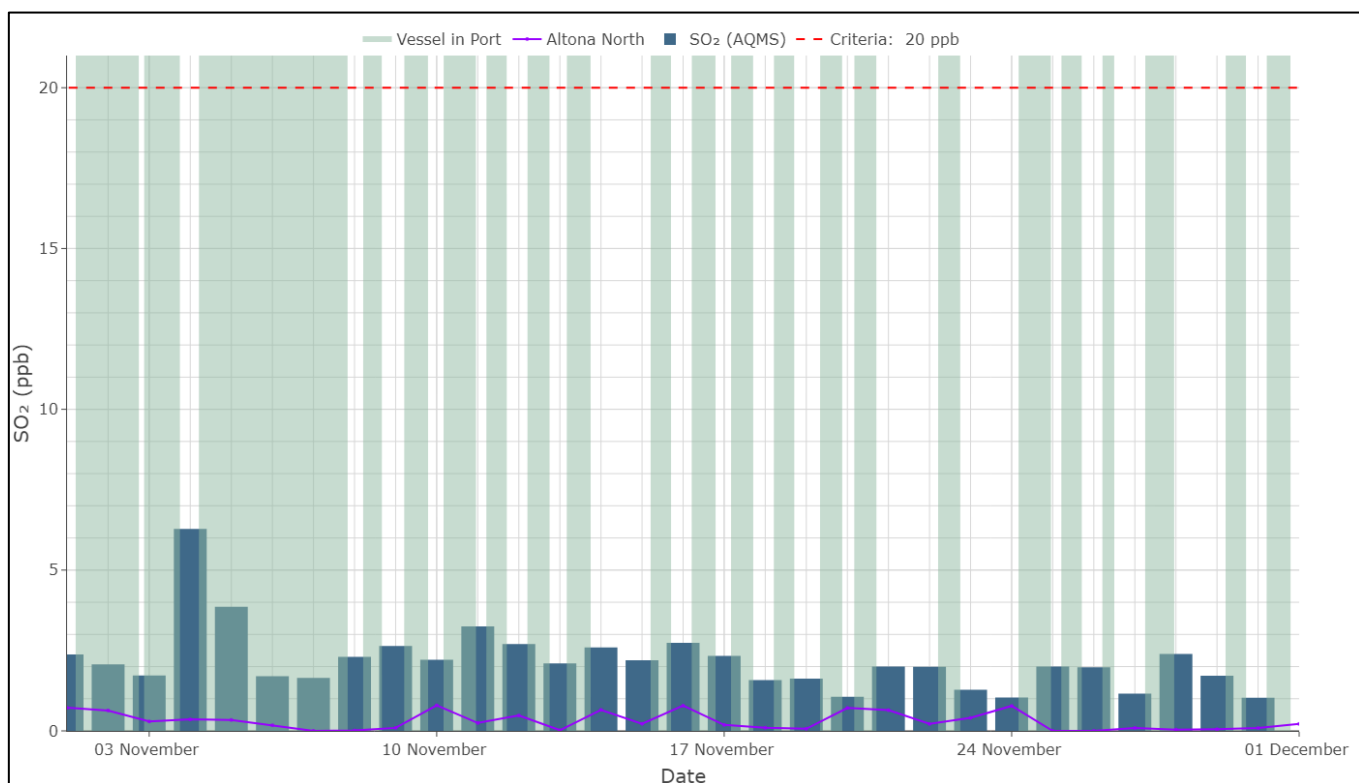


Figure 6 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA Station (November 2024) (criteria: 20 ppb)

3.5 Summary

All observations of PM₁₀, PM_{2.5} and NO₂ and SO₂ during the month of November 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 – November 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	

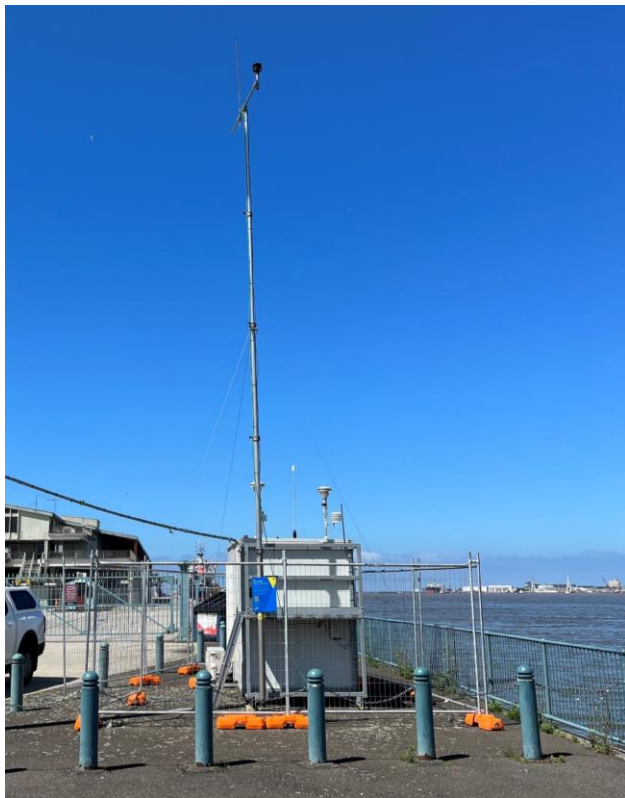


Figure B.1 Photograph of AQMS

B-1-2 Monitoring period

The monitoring period for this report is 1 November 2024 to 30 November 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 November 2024 to 30 November 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 30 November 2024	Reason for missing data
PM ₁₀	µg/m ³	99%	– Scheduled monthly maintenance (7 November 07:00 to 08:50)
PM _{2.5}	µg/m ³	99%	– Scheduled monthly maintenance (7 November 07:00 to 08:50)
NO ₂	ppb	96%	– Scheduled monthly maintenance (7 November 07:00 to 08:50) – Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation (1 November 01:00 to 30 November 01:55) – Intermittent unrealistic negative readings (1 November 10:20 to 30 November 15:05)
SO ₂	ppb	96%	– Scheduled monthly maintenance (7 November 07:00 to 08:50) – Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation (1 November 01:00 to 30 November 01:55) – Automatic background checks every night between 23:45 and 23:50 (1 November 23:45 to 30 November 23:50). – Static offset of +1.6 ppb applied to correct SO₂ baseline (1 November 00:00 to 1 November 00:00) – Linear offsets of A=+0.5ppb; B=+1.5ppb applied to correct baseline drift (13 November 02:00 to 14 November 00:55)
Wind speed	m/s	98%	– Instrument fault – Wind data flatlined (6 November 13:45 to 7 November 07:00)
Wind direction	°	98%	– Instrument fault – Wind data flatlined (6 November 13:45 to 7 November 07:00)
Ambient temperature	°C	100%	– No missing data
Relative humidity	%	100%	– No missing data
Sigma	°	98%	– Instrument fault – Wind data flatlined (6 November 13:45 to 7 November 07:00)

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 November 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 22% of all incident winds, followed by winds from the south-southeast (13%) and the south-southwest (10%).
- The average wind speed was at 3.1 m/s.
- Calms (wind speeds less than 0.5 m/s) occurred 1.1% of the time.
- Winds from the east, west, northwest and north-northwest each occurred between 5 and 10% of the time.
- Winds from the remaining directions each occurred for less than 5% of the time.

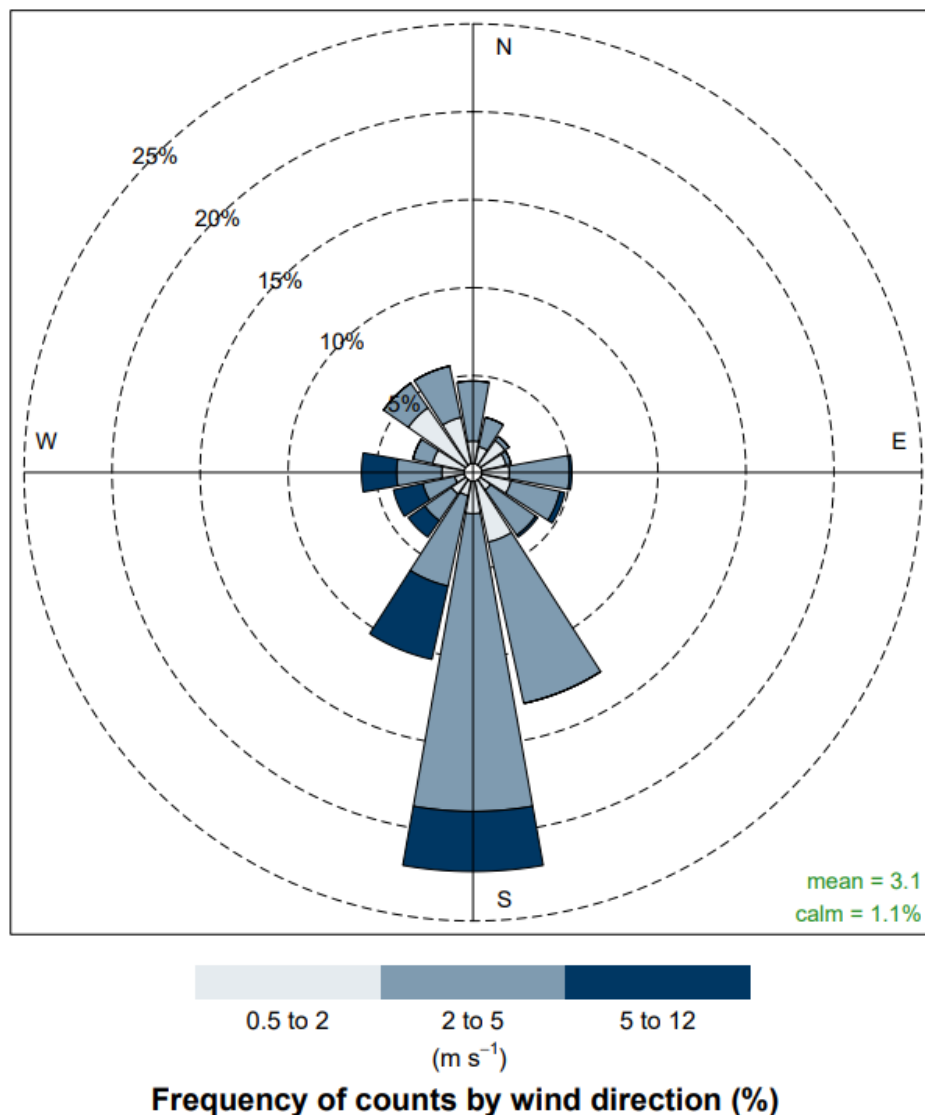


Figure B.2 November 2024 windrose at Station Pier

B-2-2 Other meteorological parameters

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

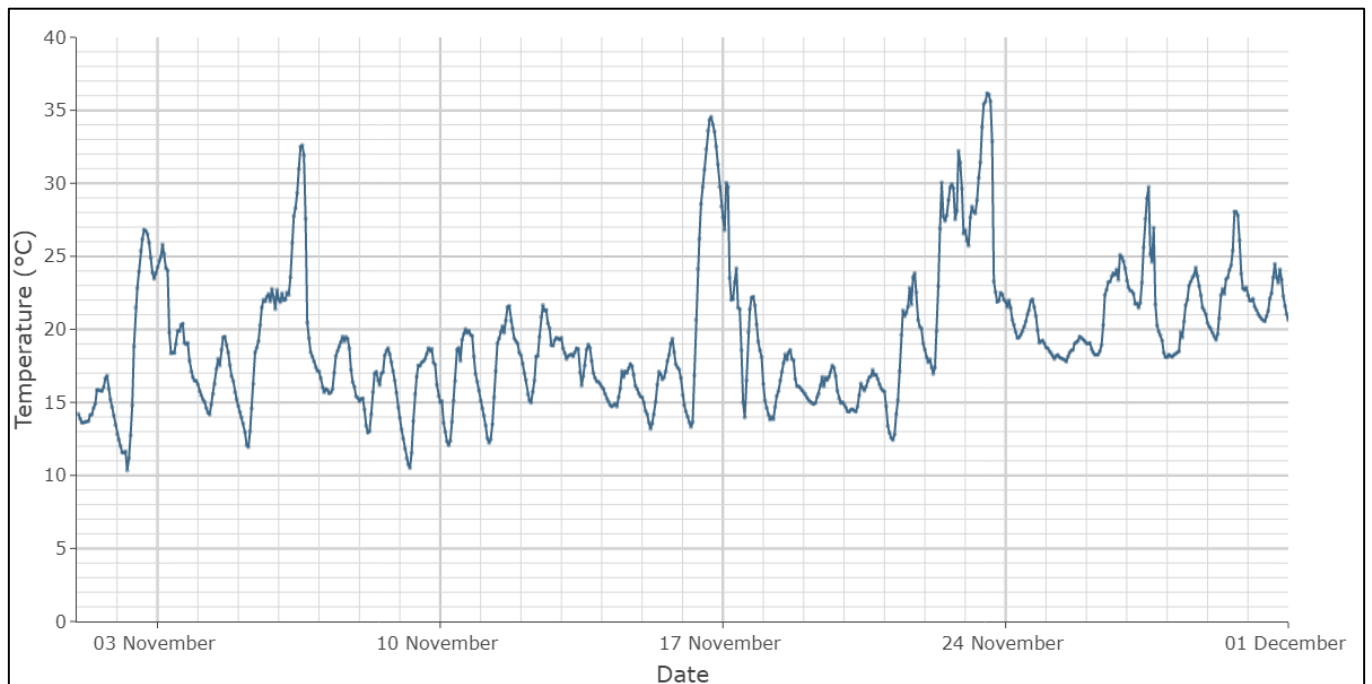


Figure B.3 November 2024 temperature observations at Station Pier

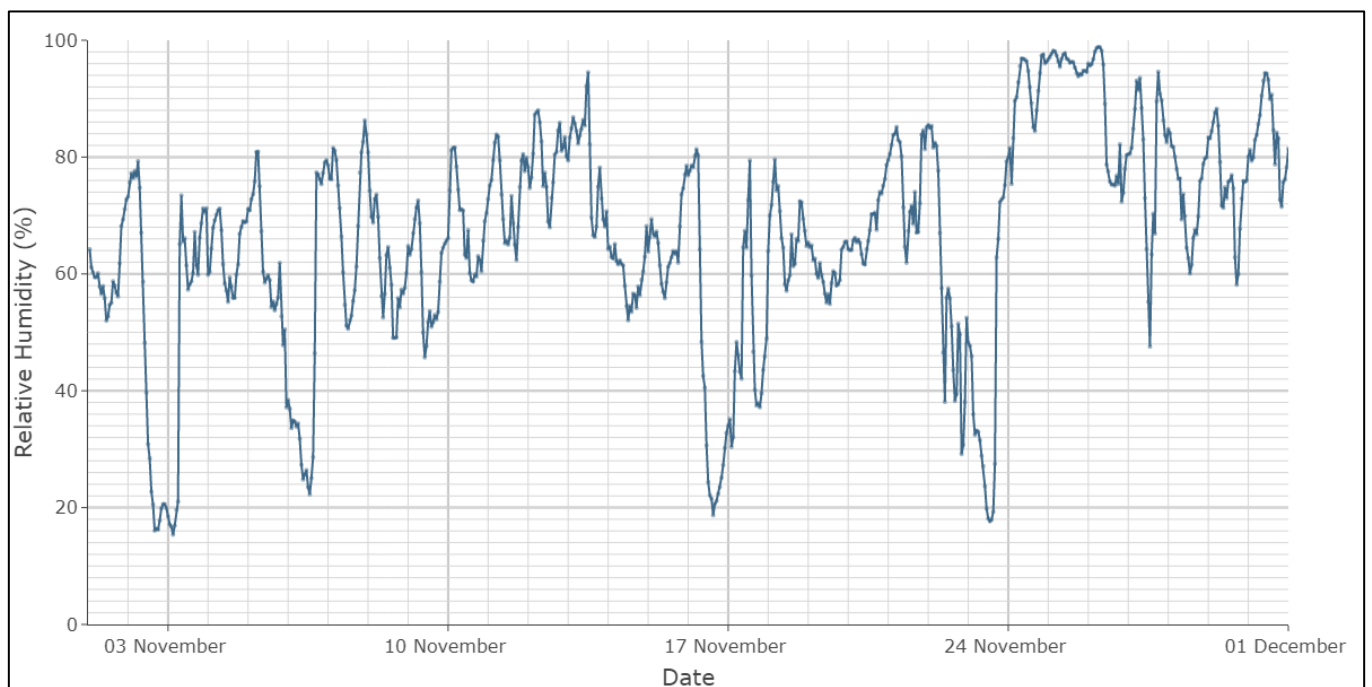


Figure B.4 November 2024 relative humidity observations at Station Pier

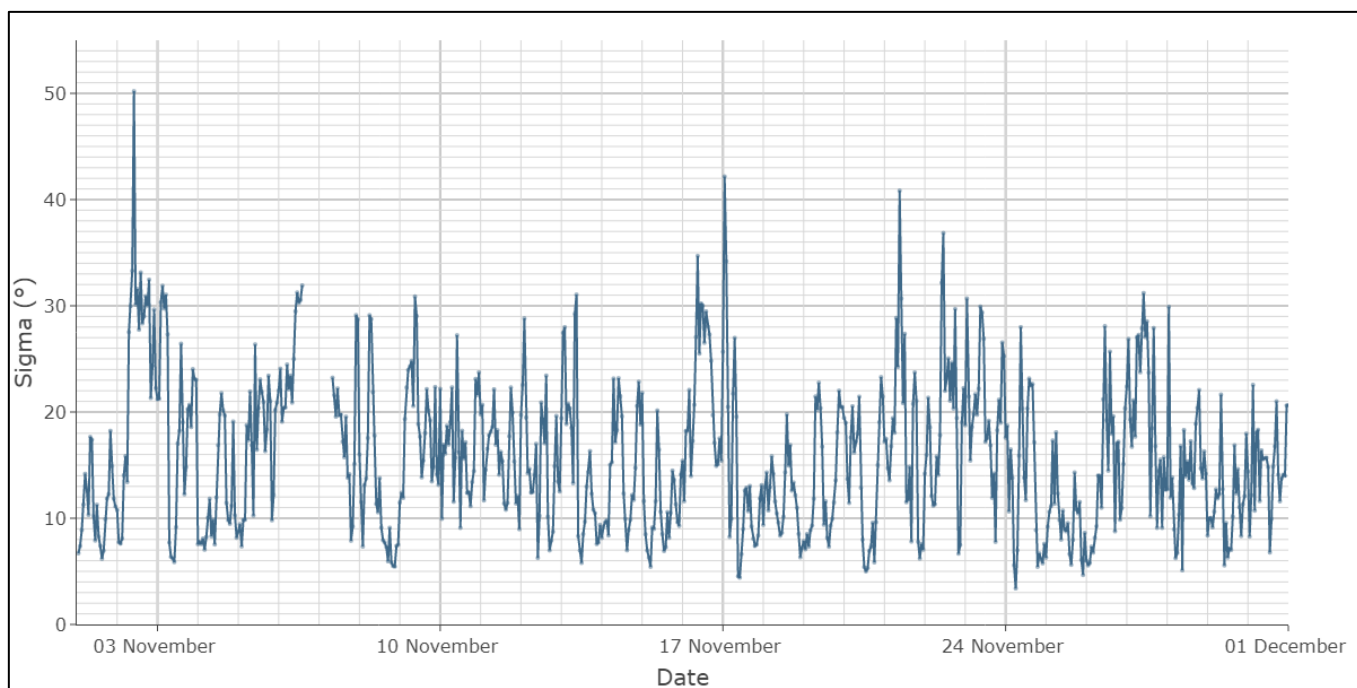


Figure B.5 November 2024 sigma observations at Station Pier

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.

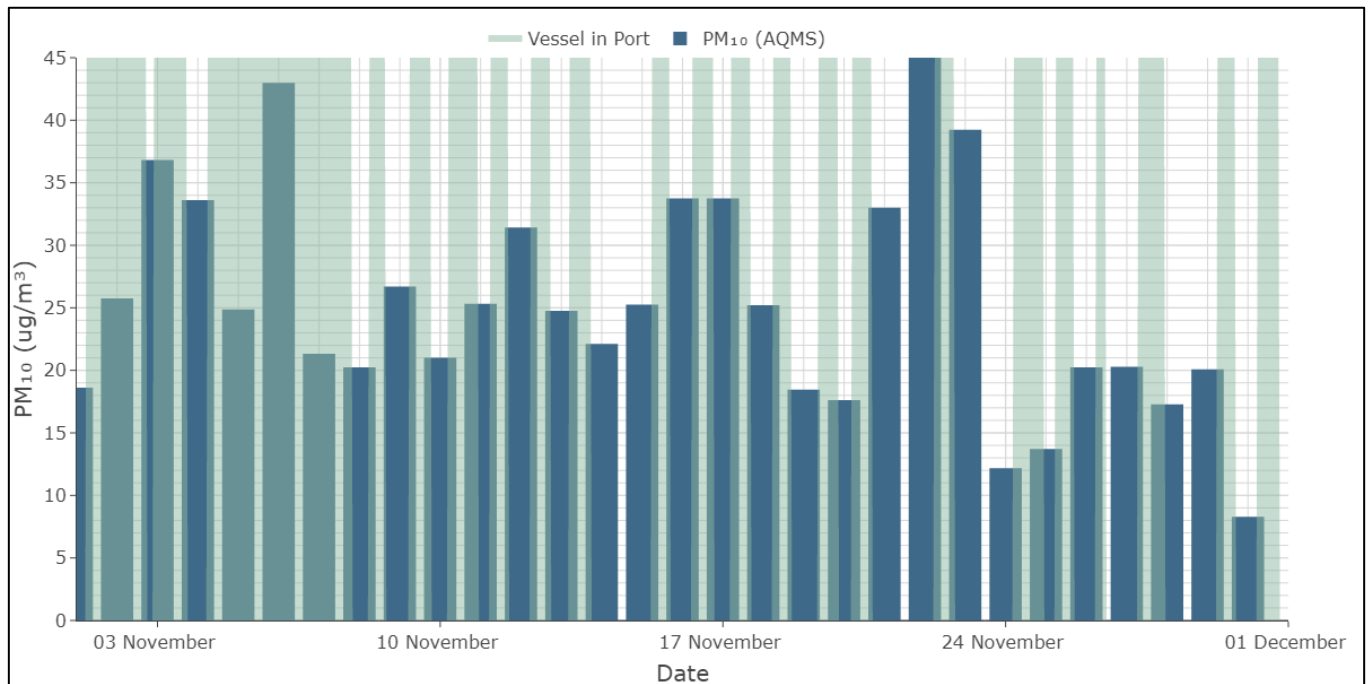


Figure B.6 24-hour average PM₁₀ concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier (November 2024) (criteria: 50 $\mu\text{g}/\text{m}^3$)

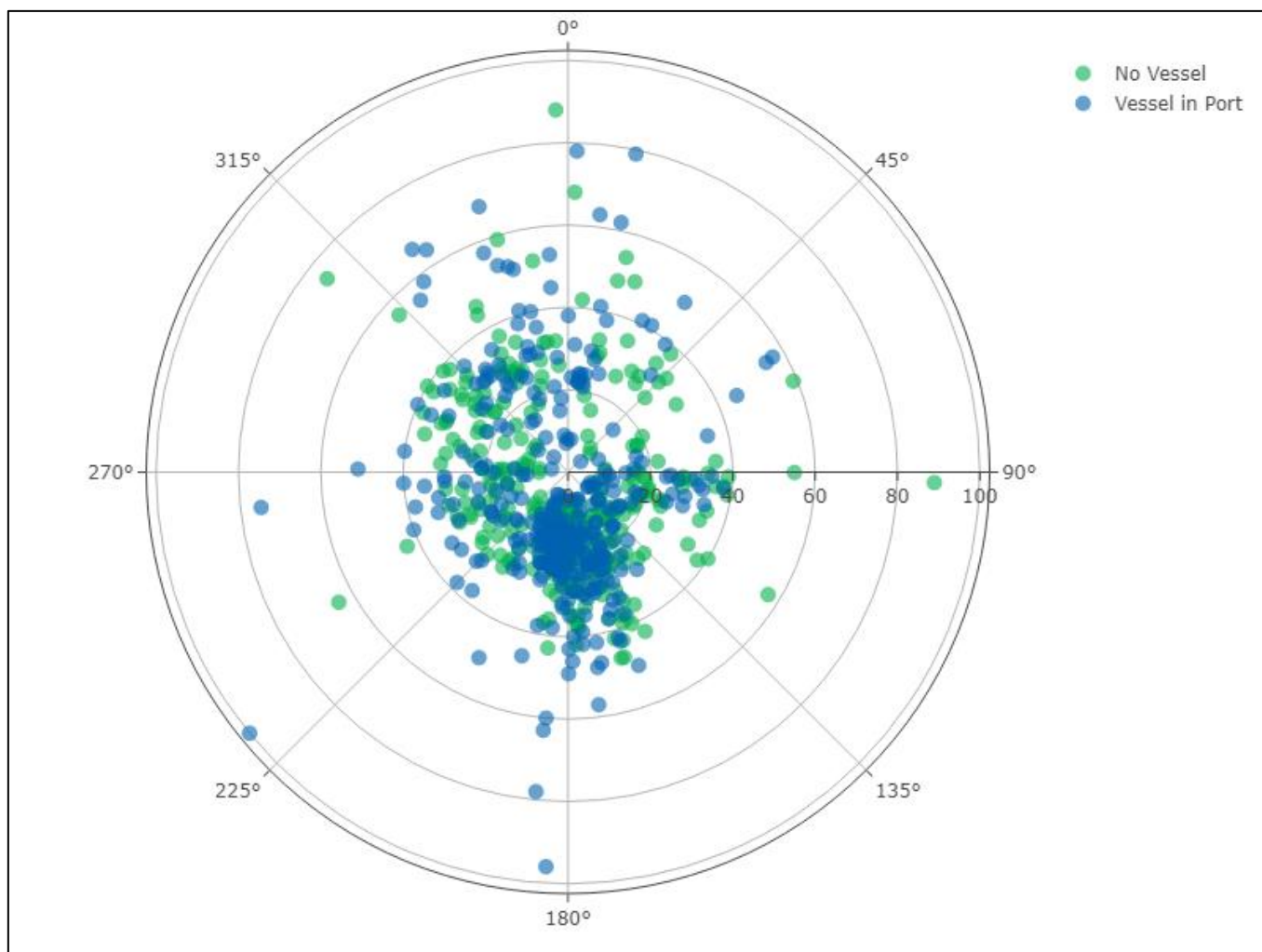


Figure B.7 Hourly average PM_{10} concentration ($\mu g/m^3$) by wind direction (November 2024)

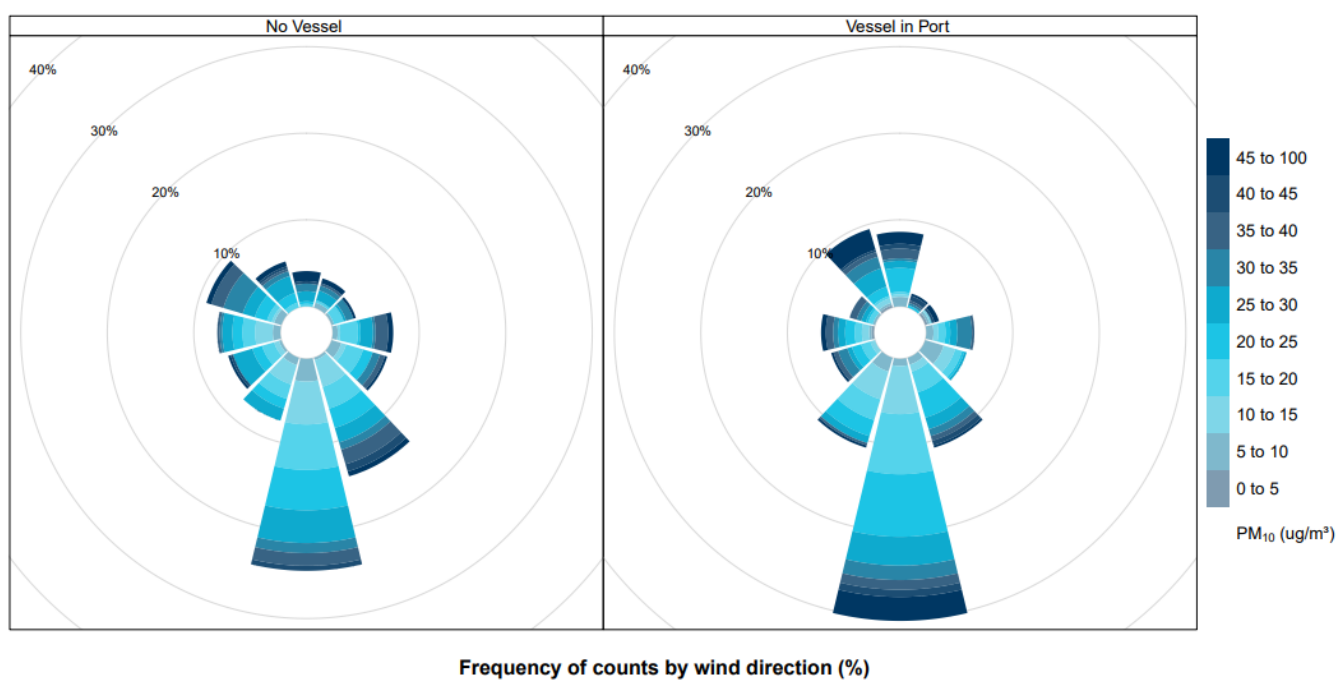


Figure B.8 Hourly average PM_{10} concentration ($\mu g/m^3$) pollution roses (November 2024)

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.

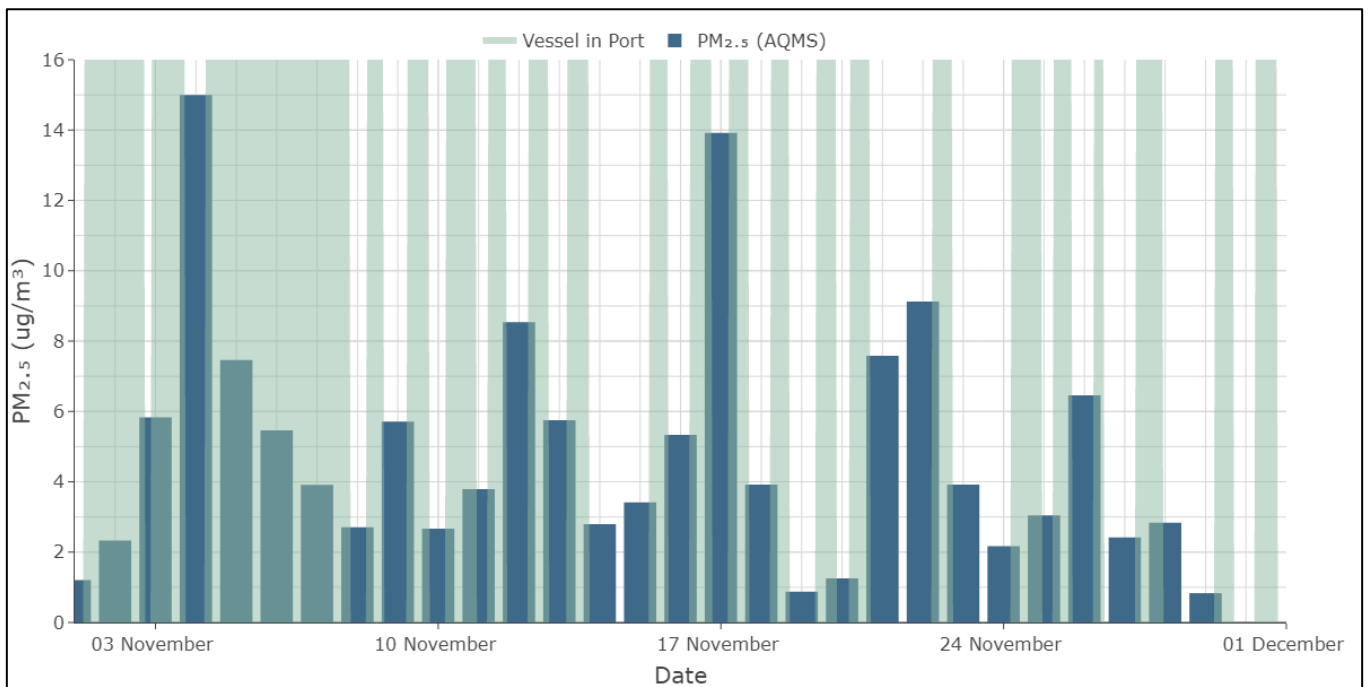


Figure B.9 24-hour average PM_{2.5} concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier (November 2024) (criteria: 25 $\mu\text{g}/\text{m}^3$)

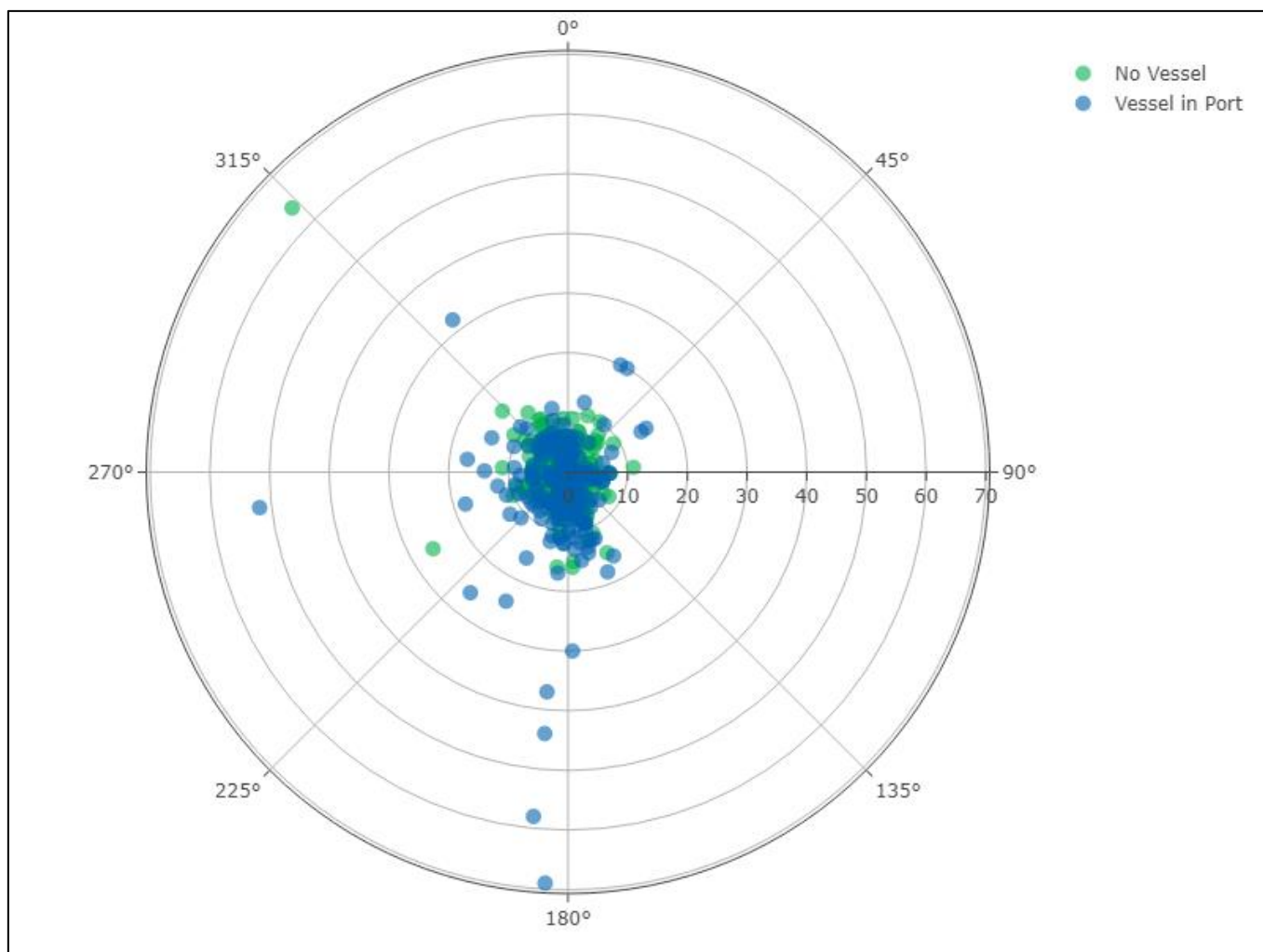


Figure B.10 Hourly average $PM_{2.5}$ concentration ($\mu g/m^3$) by wind direction (November 2024)

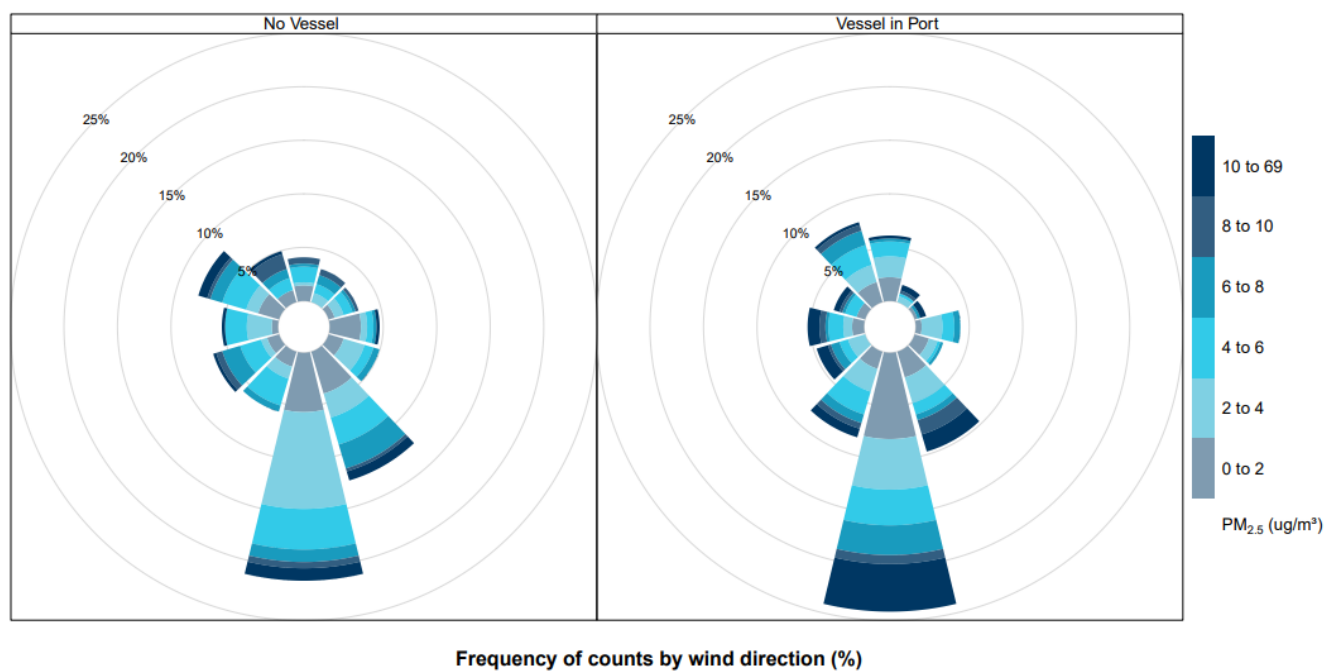


Figure B.11 Hourly average $PM_{2.5}$ concentration ($\mu g/m^3$) pollution roses (November 2024)

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.

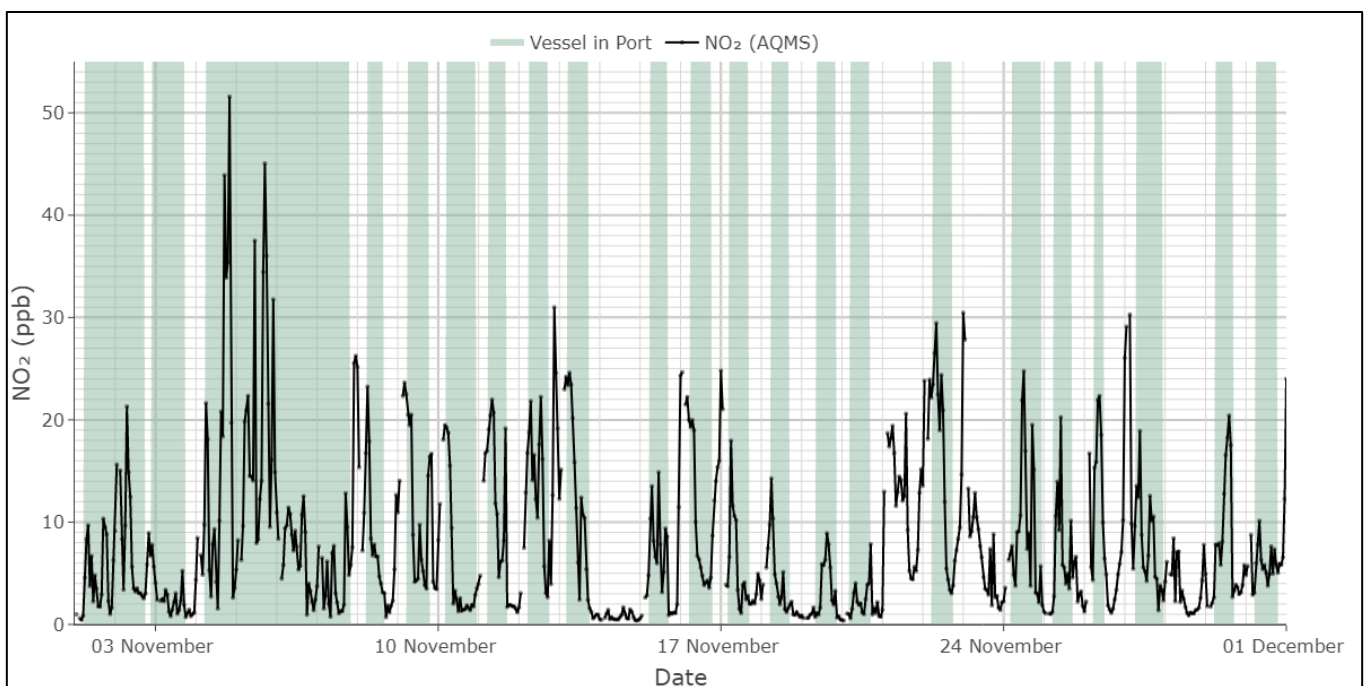


Figure B.12 Hourly average NO₂ concentrations (ppb) at Station Pier (November 2024) (criteria: 80 ppb)

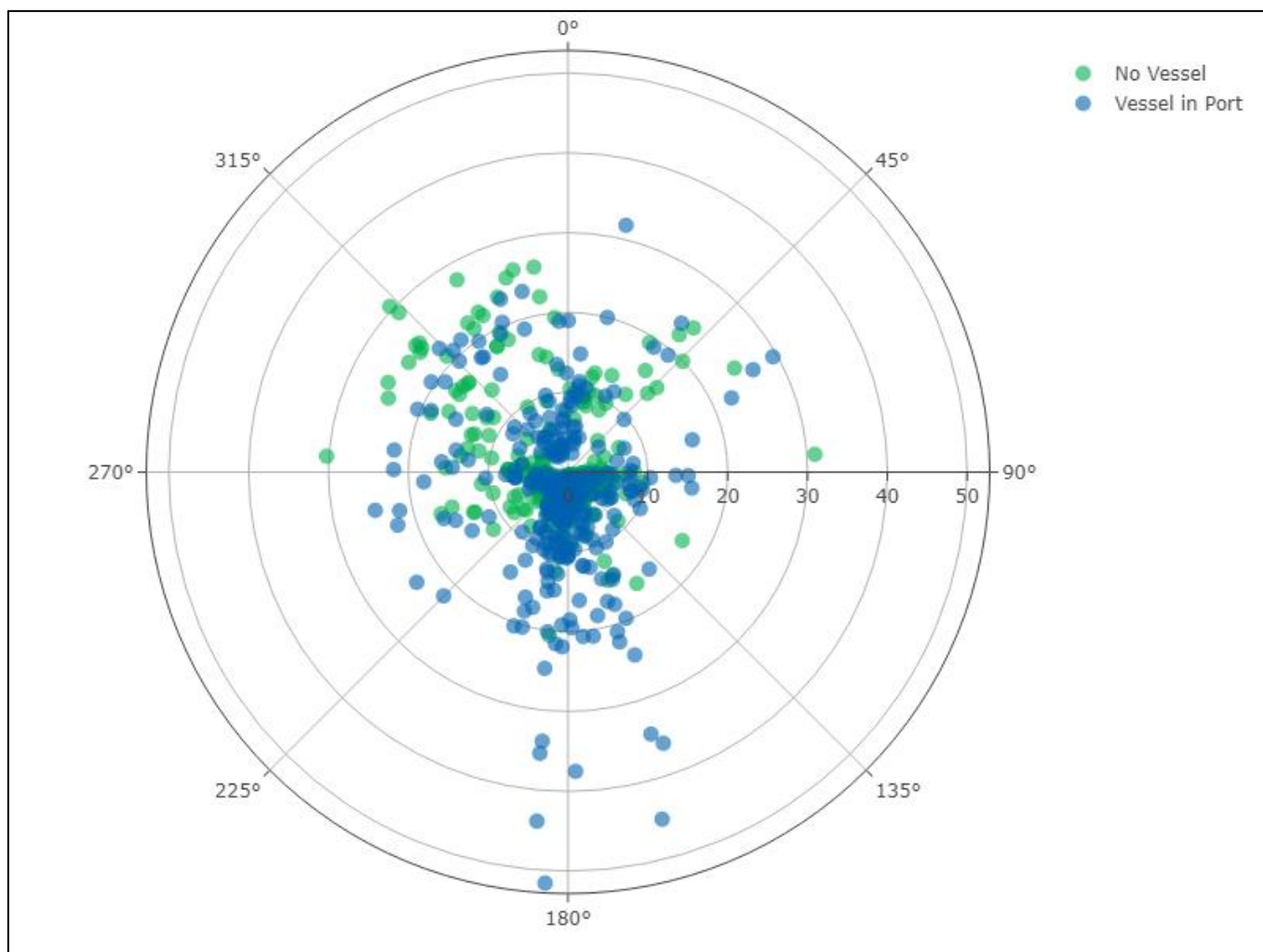


Figure B.13 Hourly average NO_2 concentration (ppb) by wind direction (November 2024)

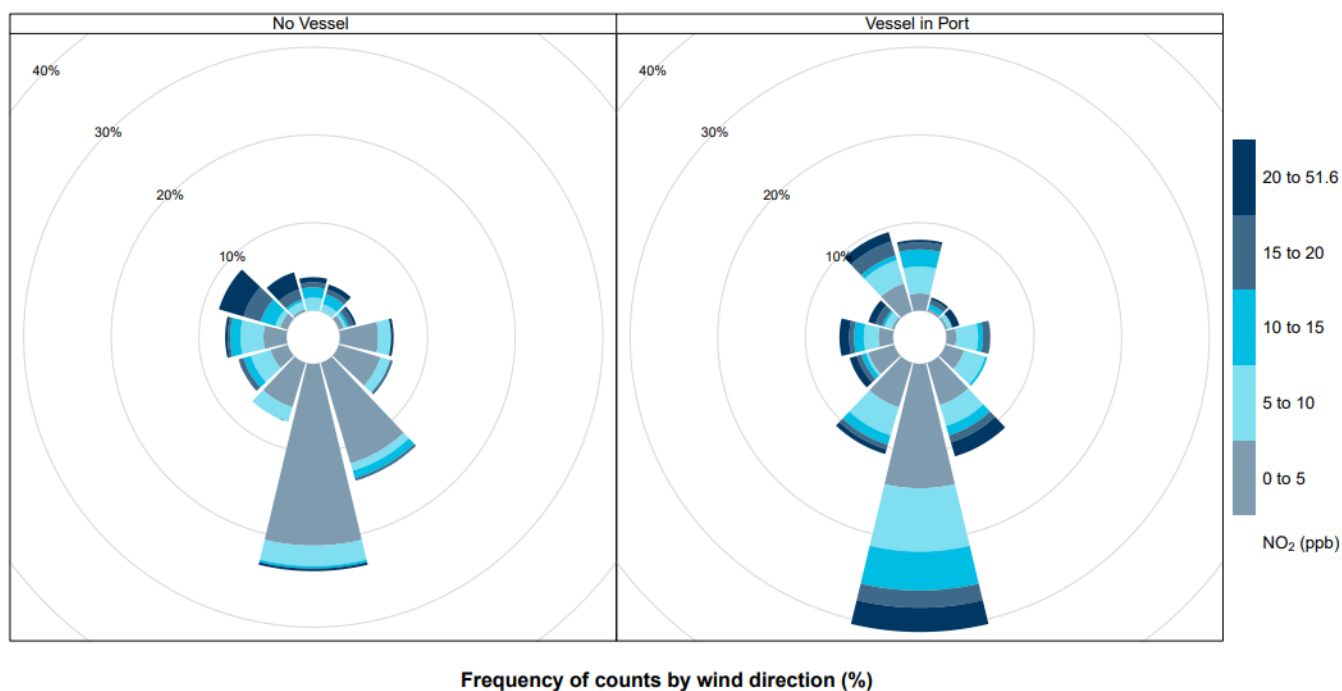


Figure B.14 Hourly average NO_2 concentration (ppb) pollution roses (November 2024)

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.
- 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.

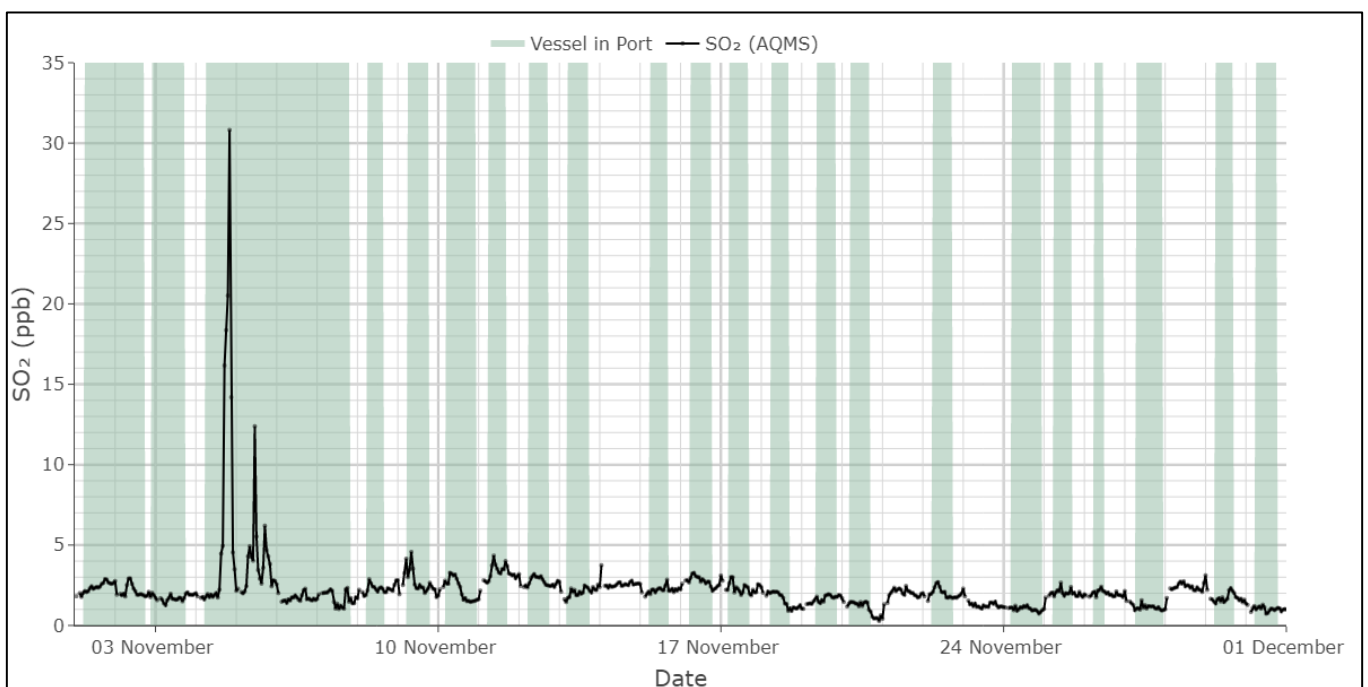


Figure B.15 Hourly average SO₂ concentrations (ppb) at Station Pier (November 2024) (criteria: 75 ppb)

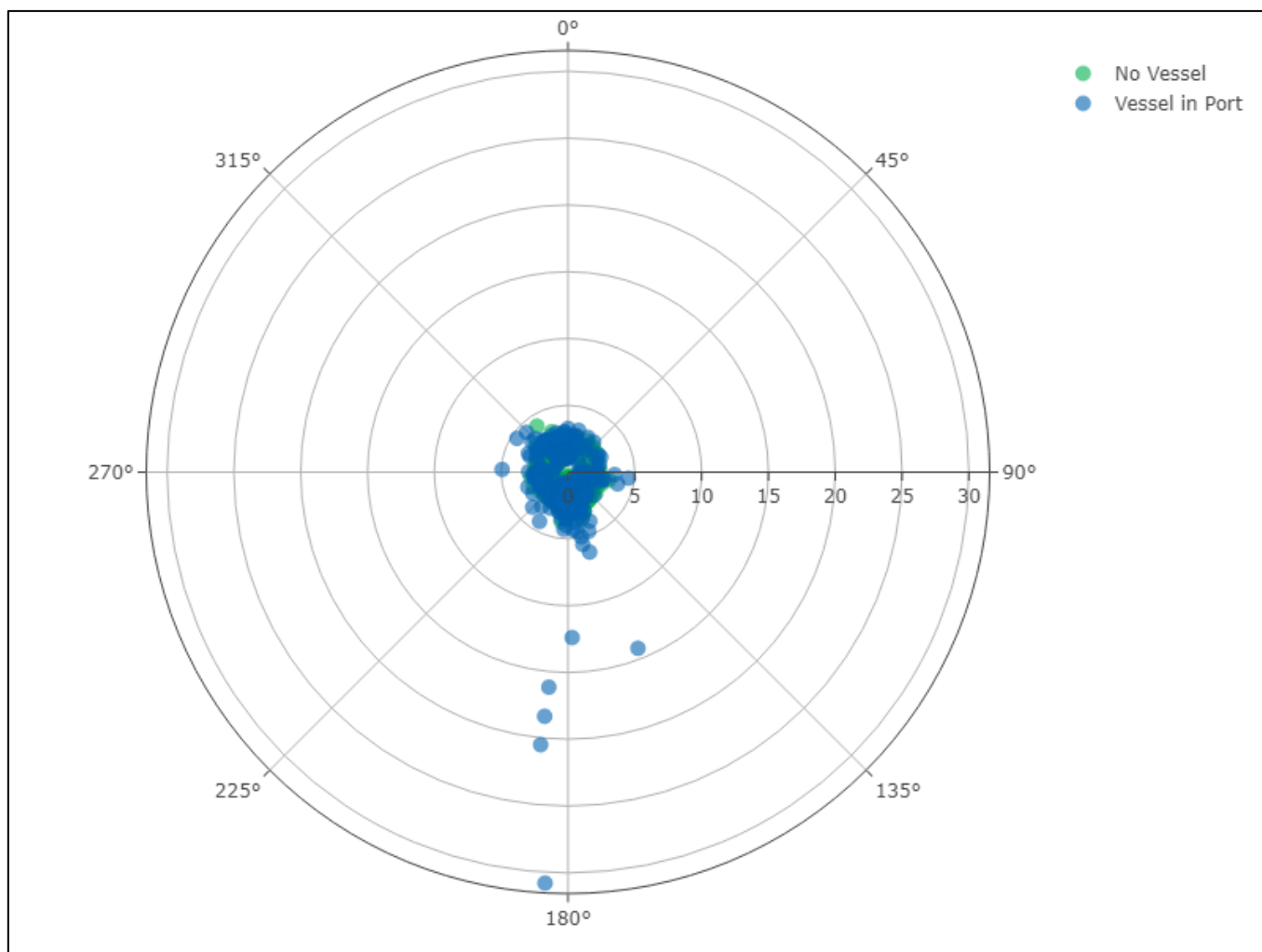


Figure B.16 *Hourly average SO₂ concentration (ppb) by wind direction (November 2024)*

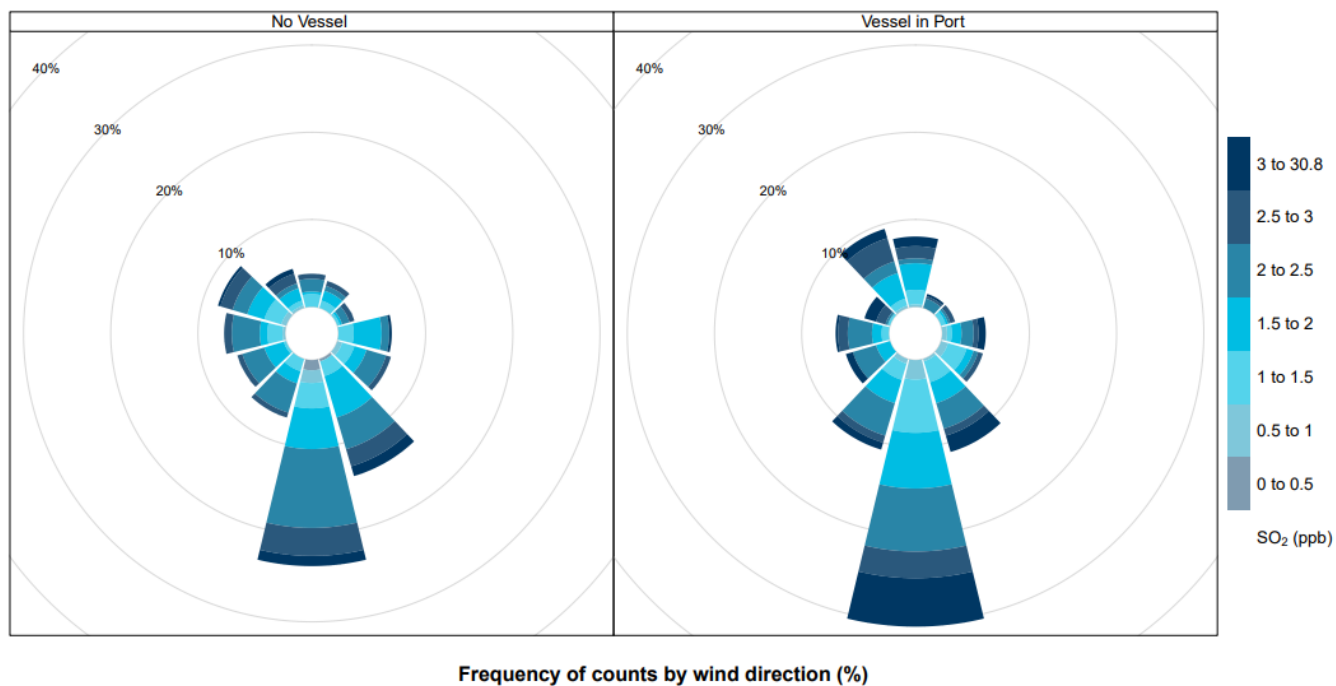


Figure B.17 *Hourly average SO₂ concentration (ppb) pollution roses (November 2024)*

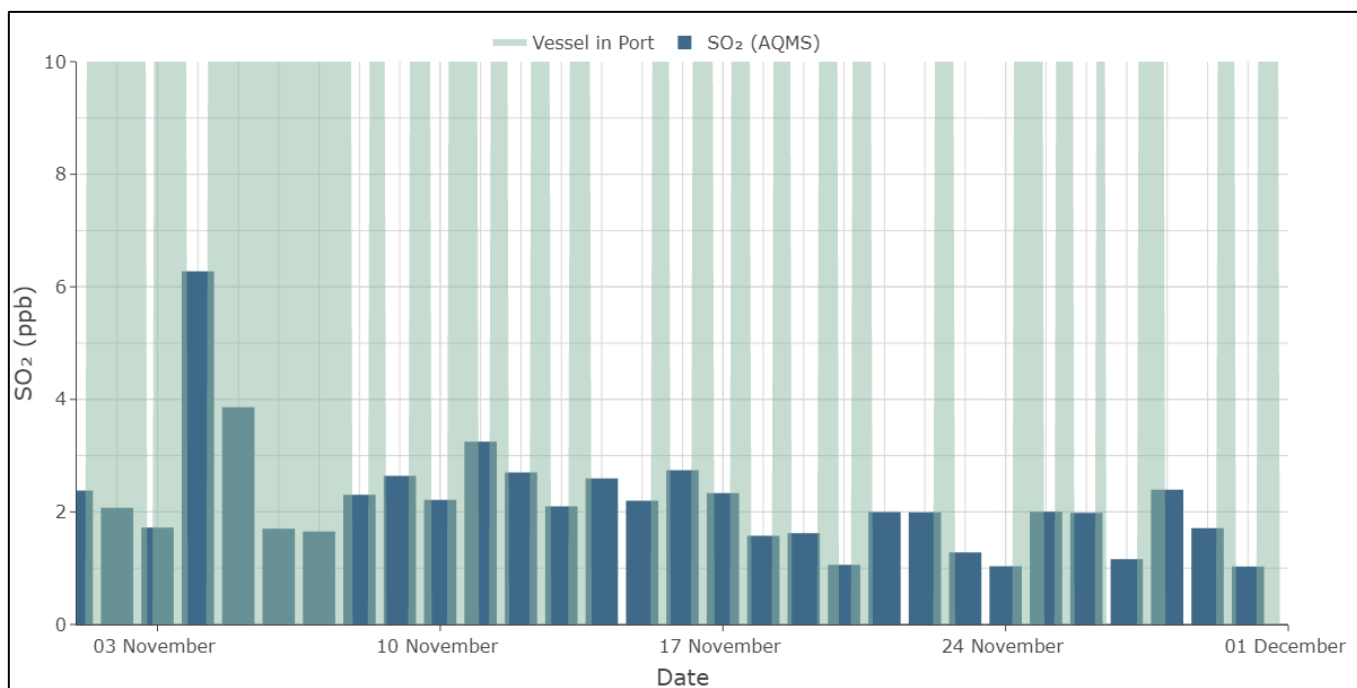


Figure B.18 24-hour average SO₂ concentrations (ppb) at Station Pier (November 2024) (criteria: 20 ppb)

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.

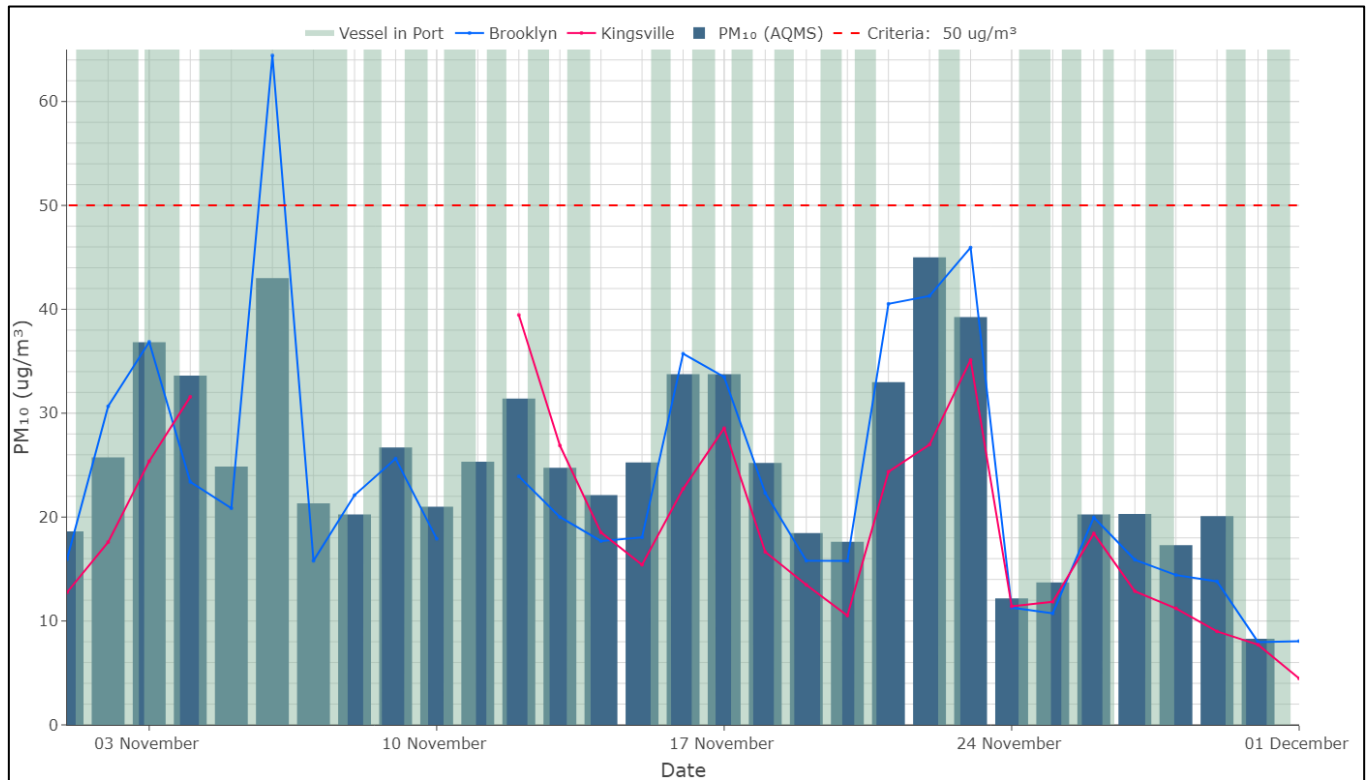


Figure B.19 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (November 2024) (criteria: 50 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA station observations is presented in Table B.3. Positive correlation (>0.8) 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 45.0 µg/m³, which is 10% 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	0.83
Brooklyn	0.90

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.

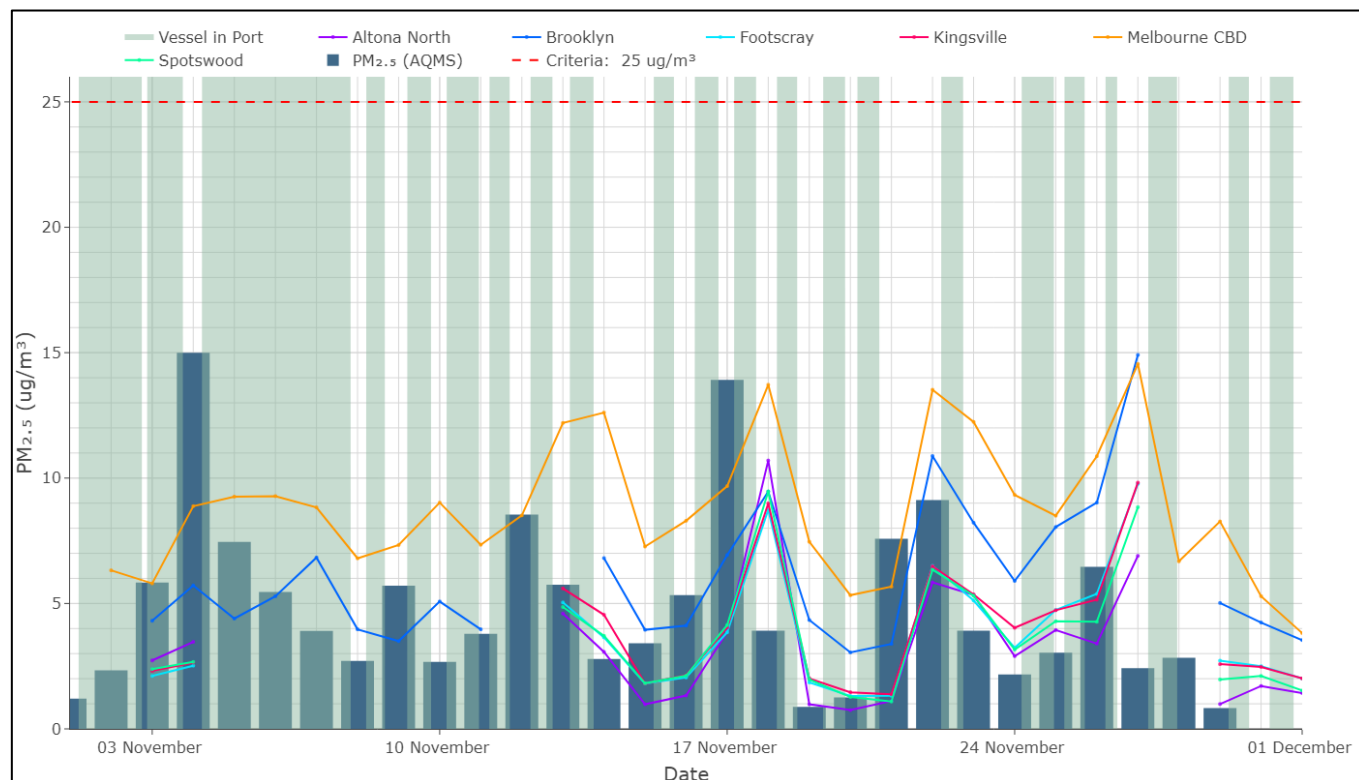


Figure B.20 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (November 2024) (criteria: 25 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA Stations observations is presented in Table B.4. Positive correlation (>0.7) 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 15.0 µg/m³, which is 40% 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	0.87
Spotswood	0.82
Kingsville	0.76
Footscray	0.73
Brooklyn	0.39
Melbourne CBD	0.69

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.

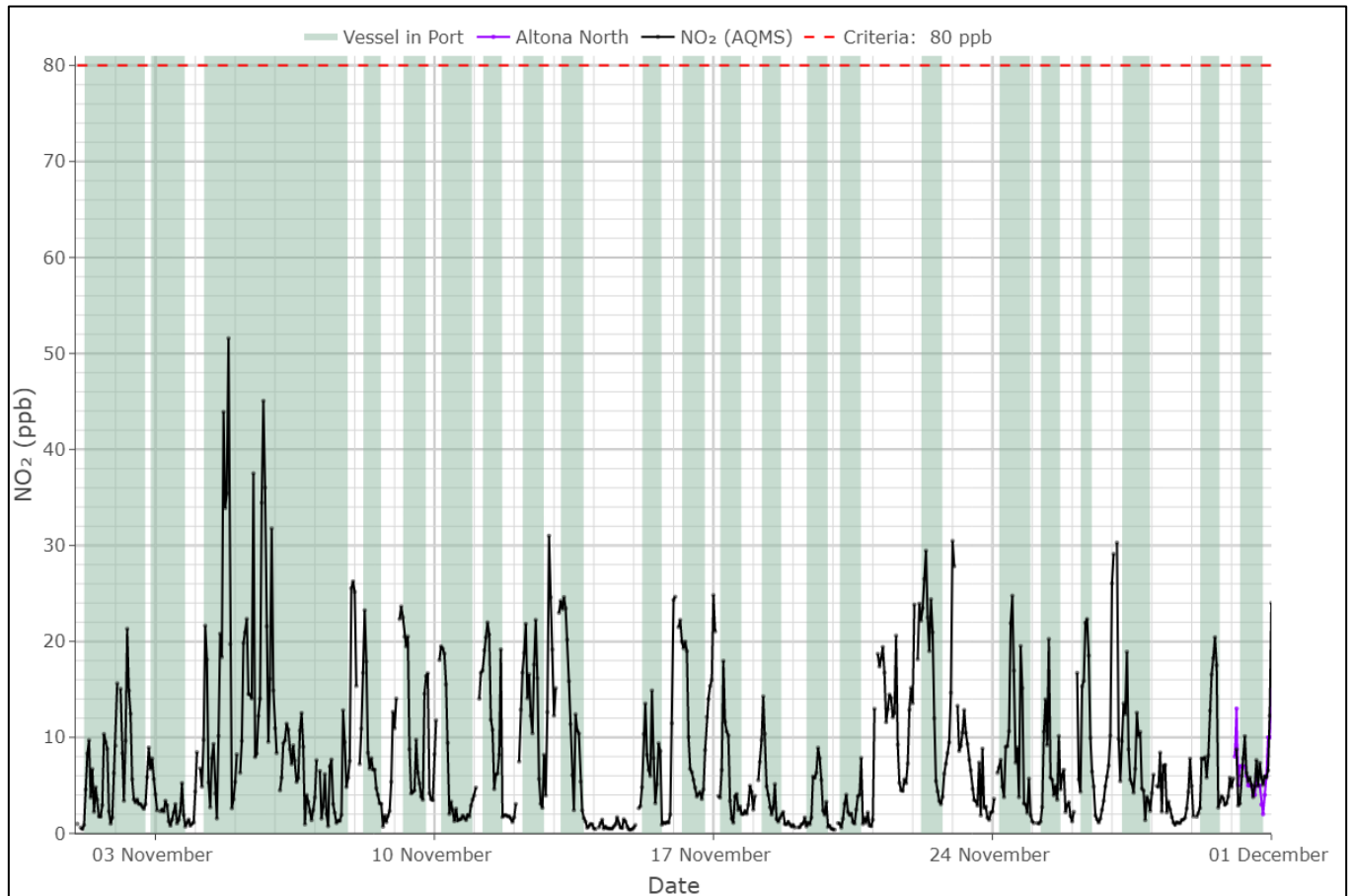


Figure B.21 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA Station (November 2024) (criteria: 80 ppb)

NO₂ concentrations from the Altona North EPA station were only available after November 29th, therefore correlation between the two locations has not been calculated.

All concentrations were below the adopted NO₂ criterion. The maximum hourly average concentration recorded was 51.6 ppb, which is 36% 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.

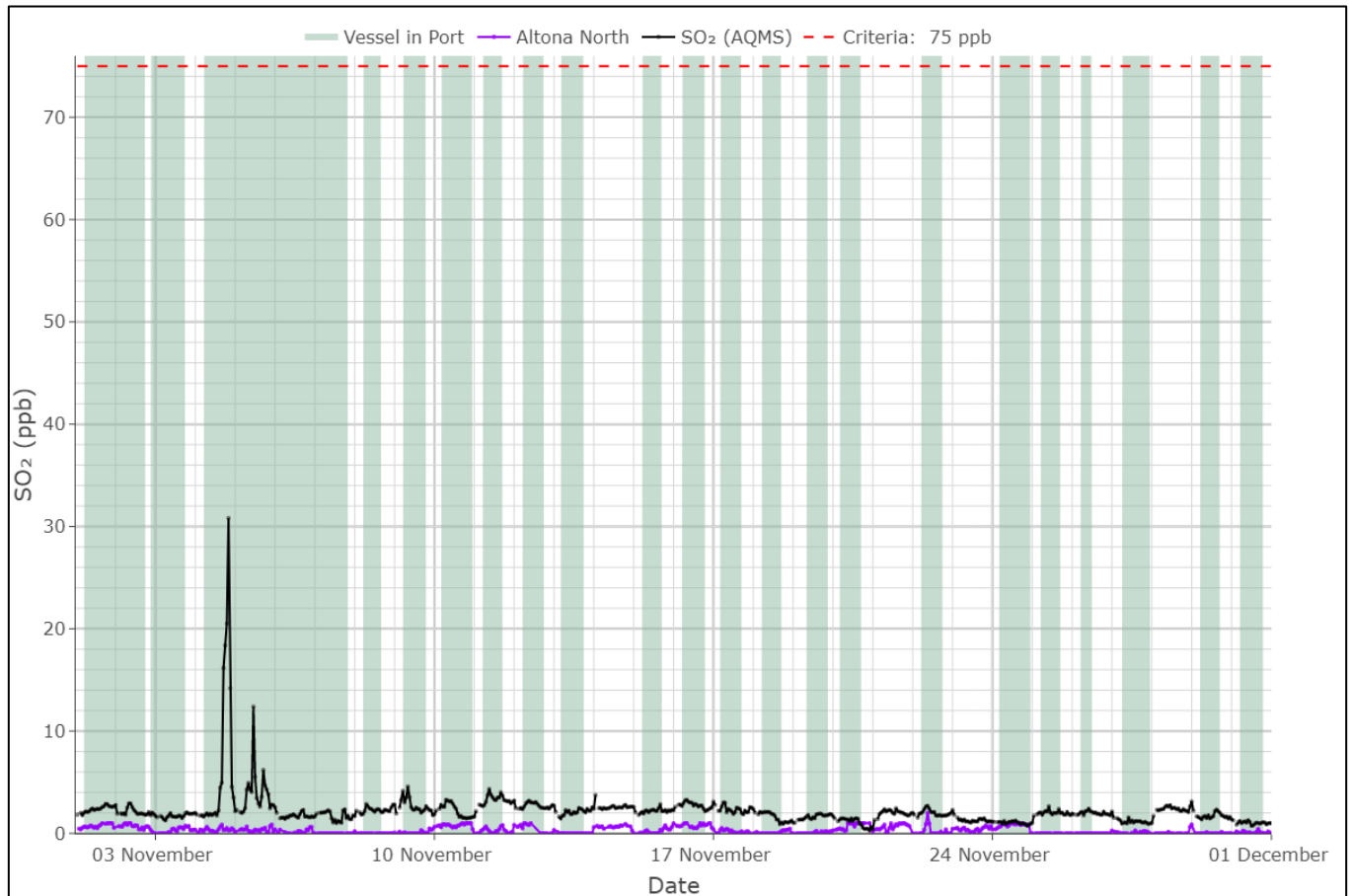


Figure B.22 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (November 2024) (criteria: 75 ppb)

Minimal correlation (0.04) 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 30.8 ppb, which is 59% 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.

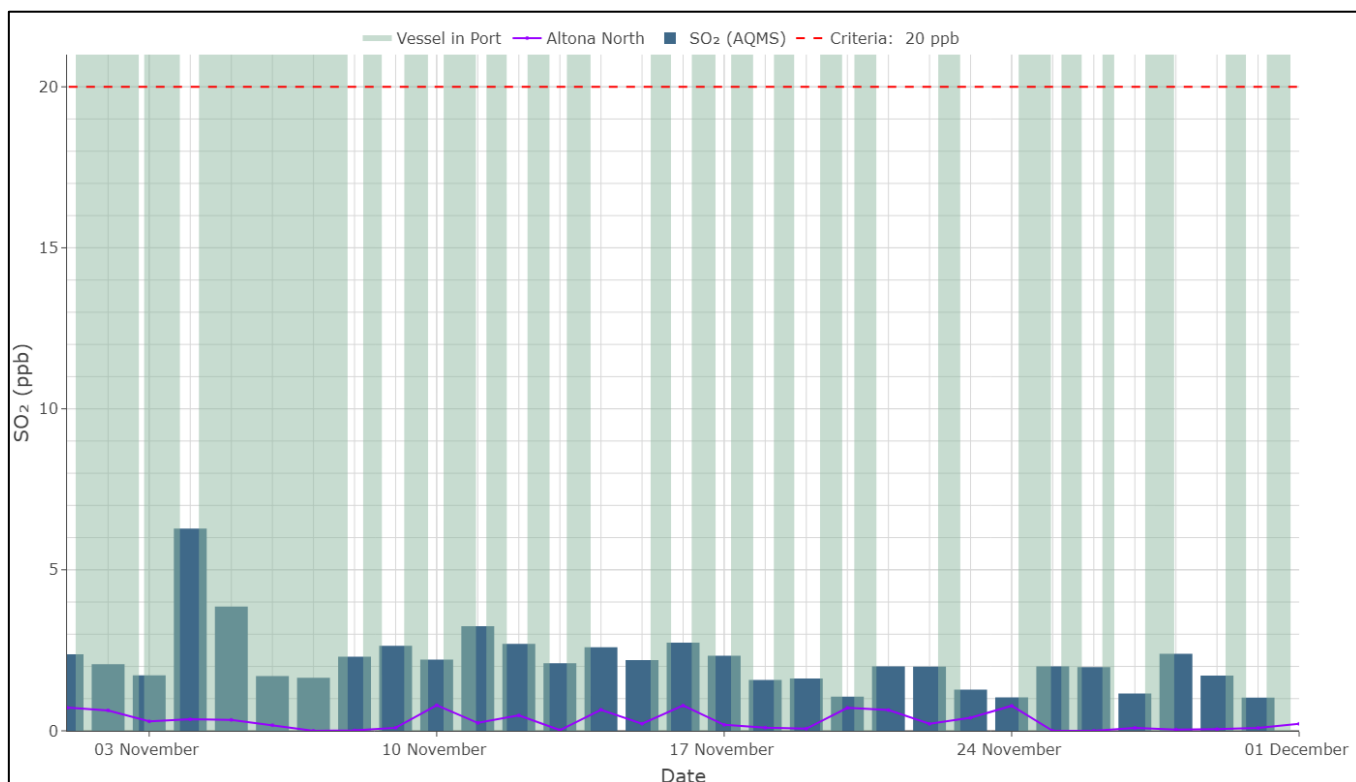


Figure B.23 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA Station (November 2024) (criteria: 20 ppb)

Minimal correlation (0.08) 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 6.3 ppb, which is 69% below the criterion.

B-3-5 Port activity

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

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

Ship name	Arrival	Departure
ICS Allegiance (T)	1/11/2024 5:47	2/11/2024 16:34
Disney Wonder (P)	1/11/2024 7:08	1/11/2024 16:01
Disney Wonder (P)	2/11/2024 21:06	3/11/2024 16:00
Pacific Explorer (P)	4/11/2024 5:25	4/11/2024 15:40
Pacific Adventure (P)	4/11/2024 8:34	6/11/2024 15:14
Carnival Splendor (P)	5/11/2024 5:50	7/11/2024 18:55
ICS Allegiance (T)	7/11/2024 5:20	7/11/2024 11:00
Pacific Explorer (P)	8/11/2024 5:30	8/11/2024 14:56
Diamond Princess (P)	9/11/2024 5:02	9/11/2024 17:33
Disney Wonder (P)	10/11/2024 4:47	10/11/2024 21:48
Pacific Explorer (P)	11/11/2024 5:51	11/11/2024 15:01
Queen Elizabeth (P)	12/11/2024 5:19	12/11/2024 16:55
Disney Wonder (P)	13/11/2024 4:54	13/11/2024 16:18
Pacific Explorer (P)	15/11/2024 5:50	15/11/2024 15:02
Diamond Princess (P)	16/11/2024 5:12	16/11/2024 17:30
Disney Wonder (P)	17/11/2024 4:40	17/11/2024 15:57
Pacific Explorer (P)	18/11/2024 5:45	18/11/2024 15:00
ICS Allegiance (T)	19/11/2024 8:12	19/11/2024 19:00
Disney Wonder (P)	20/11/2024 4:41	20/11/2024 15:55
Pacific Explorer (P)	22/11/2024 5:40	22/11/2024 16:32
Disney Wonder (P)	24/11/2024 4:50	24/11/2024 15:55
Silver Muse (P)	24/11/2024 7:18	24/11/2024 21:15
Pacific Explorer (P)	25/11/2024 5:35	25/11/2024 15:10
ICS Allegiance (T)	26/11/2024 5:50	26/11/2024 10:00
Silver Nova (P)	27/11/2024 6:42	27/11/2024 21:08
Pacific Explorer (P)	29/11/2024 5:42	29/11/2024 15:10
Diamond Princess (P)	30/11/2024 5:04	30/11/2024 17:52

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 all pollutants occurred when there was one vessel present at the port.

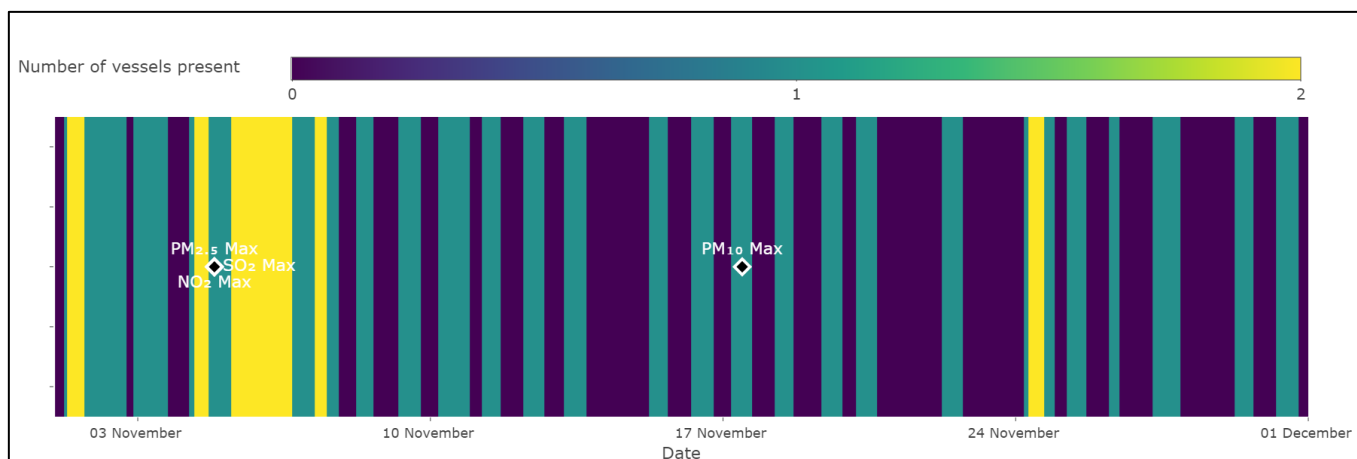


Figure B.24 Number of vessels present compared against maximum concentration observations

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	52%	24.6 µg/m ³	25.9 µg/m ³
PM _{2.5}	51%	4.5 µg/m ³	5.9 µg/m ³
NO ₂	54%	6.8 ppb	9.0 ppb
SO ₂	54%	2.0 ppb	2.4 ppb

B-3-6 Other impacts to air quality

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).

Planned Burns

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

- Maryborough – Mosquito Track and Walmer – Franklins (8 November 2024)
- Castlemaine – Ashbys Tk and Glenluce – Hunter Tk (11-15 November 2024)
- Deanside – Maradona Boulevard and Mt Cottrell – Boundary Road (11-15 November 2024)
- Huntly – Viola Rd (14 November 2024)
- Truganina – Truganina Cemetery, Woods Road (26 November 2024)

Bushfires

Events which likely increased particulate matter observations are the bushfires which were reported around Victoria at the following locations:

- Alpine National Park, east of Bogong Village (4 November 2024)
- Valencia Creek (15 November 2024)
- Croajingolong National Park (15-19 November 2024)
- Lavers Hill-Cobden Road, near Chapple Vale (20-24 November 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 November 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 November 2024 were lower than the adopted short term criteria (1-hour and 24-hour).

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 30 November 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.

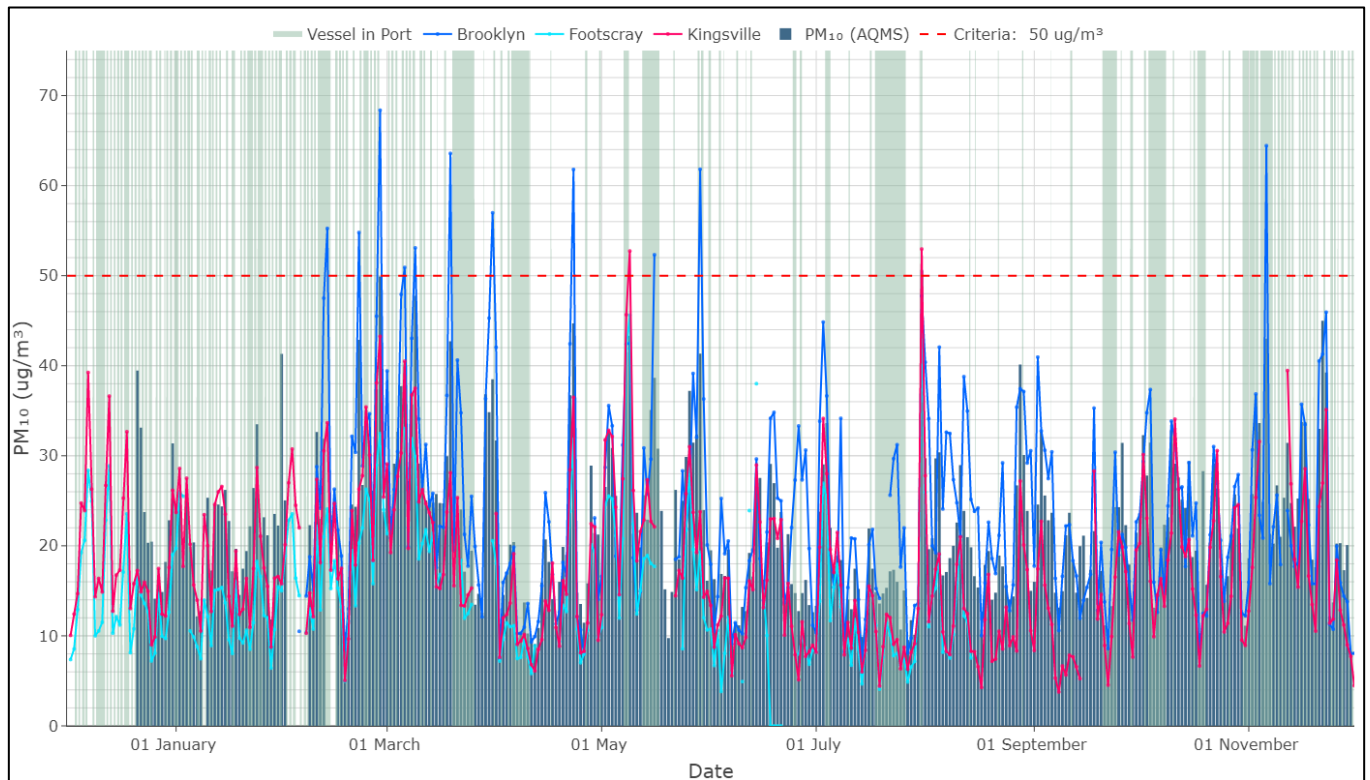


Figure C.1 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - November 2024) (criteria: 50 µg/m³)

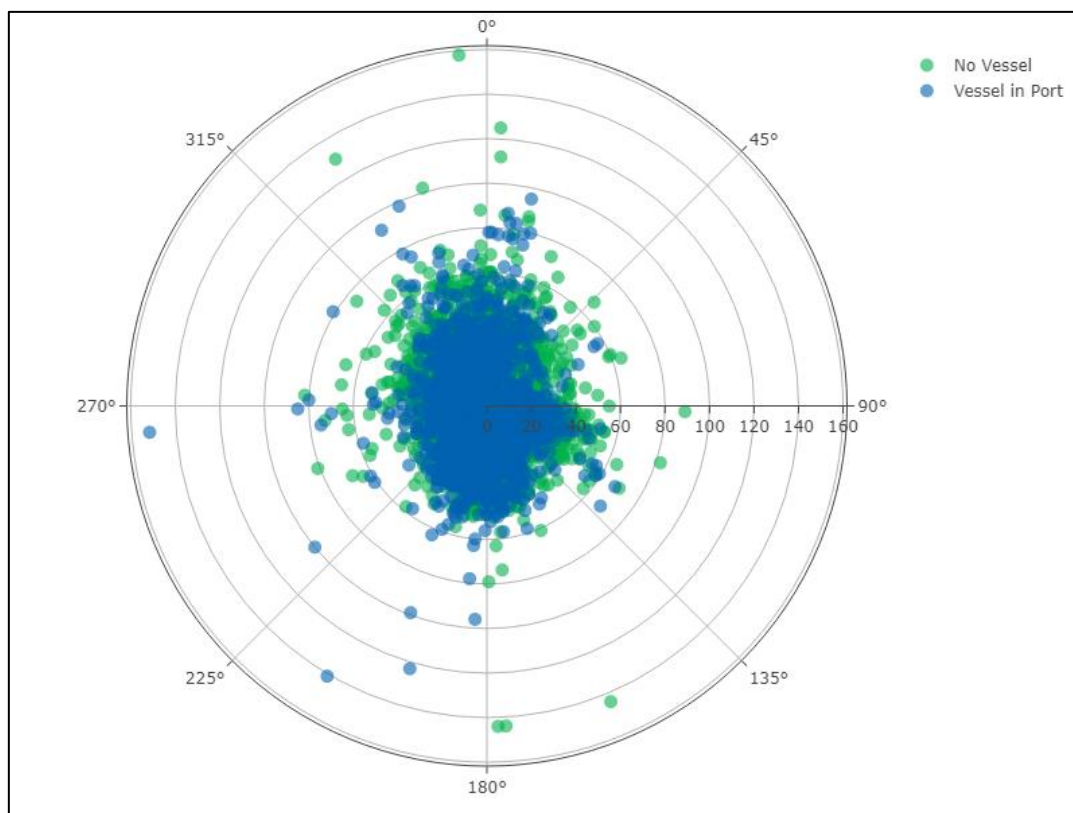


Figure C.2 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - November 2024)

An annual average criterion of $25 \mu\text{g}/\text{m}^3$ is specified for PM_{10} . 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 PM_{10} concentrations ($\mu\text{g}/\text{m}^3$)

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
November 2024	25.3	18.6	-	24.1
2024 year-to-date	22.0	17.2	14.8	23.9
All available data	22.0	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 30 November 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.

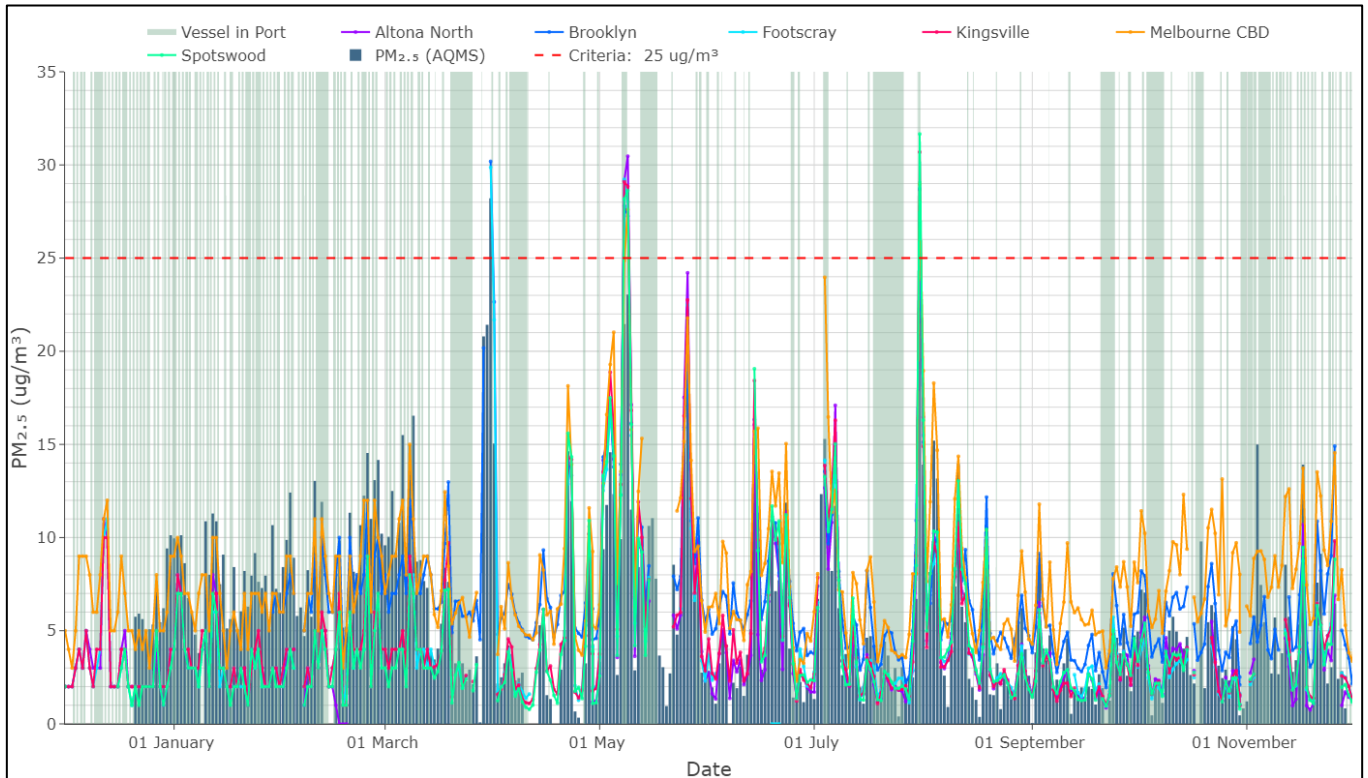


Figure C.3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - November 2024) (criteria: 25 µg/m³)

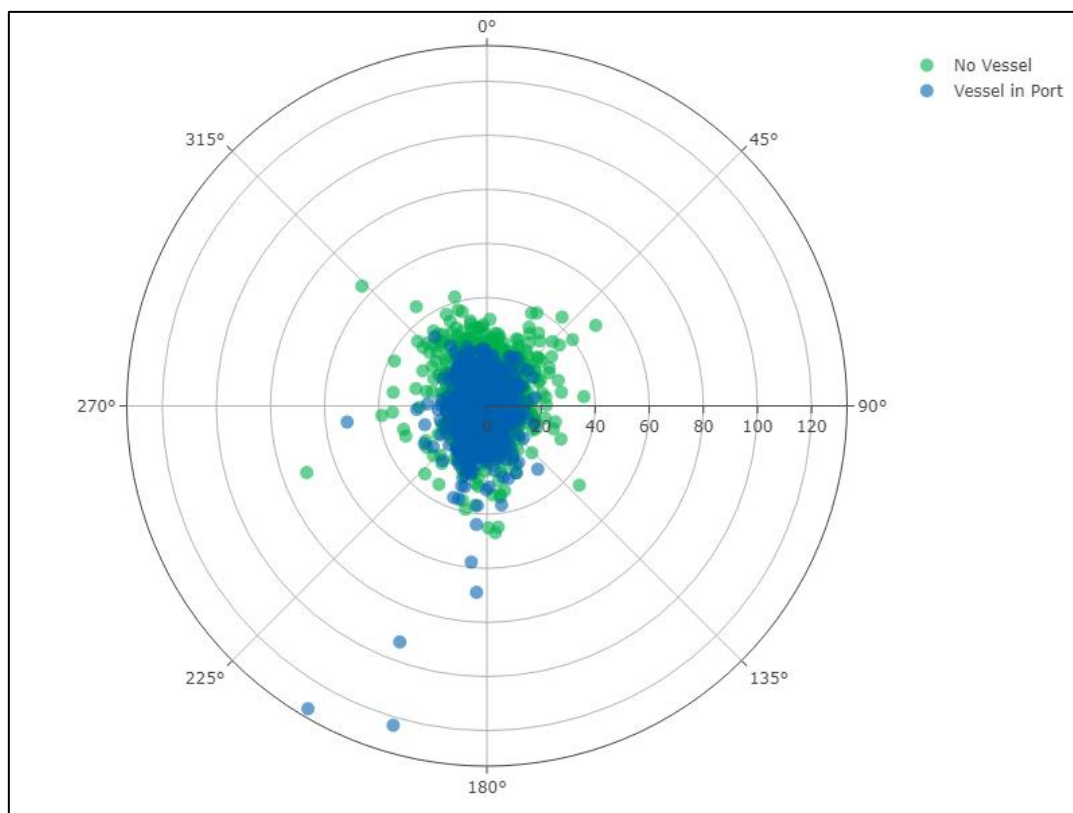


Figure C.4 Hourly average $PM_{2.5}$ concentration ($\mu g/m^3$) by wind direction (December 2023 - November 2024)

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
November 2024	5.2	3.8	3.7	6.0	8.8	3.6	3.1

Month	Station Pier	Kingsville	Footscray	Brooklyn	Melbourne CBD	Spotswood	Altona North
2024 year-to-date	6.5	4.7	4.4	7.0	8.1	4.5	4.5
All available data	6.5	4.6	4.3	7.0	8.0	4.4	4.4
"- " 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 30 November 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.

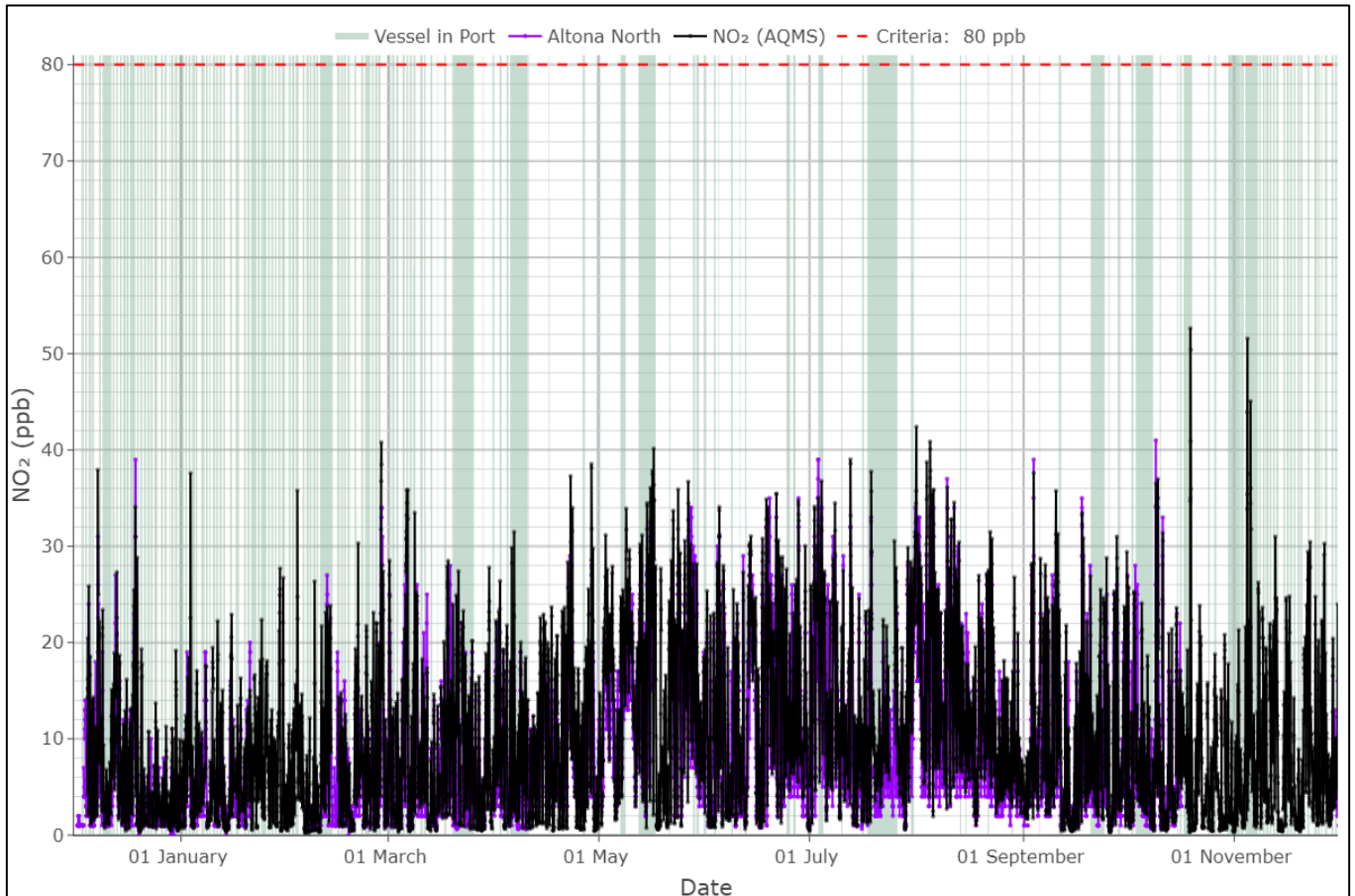


Figure C.5 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - November 2024) (criteria: 80 ppb)

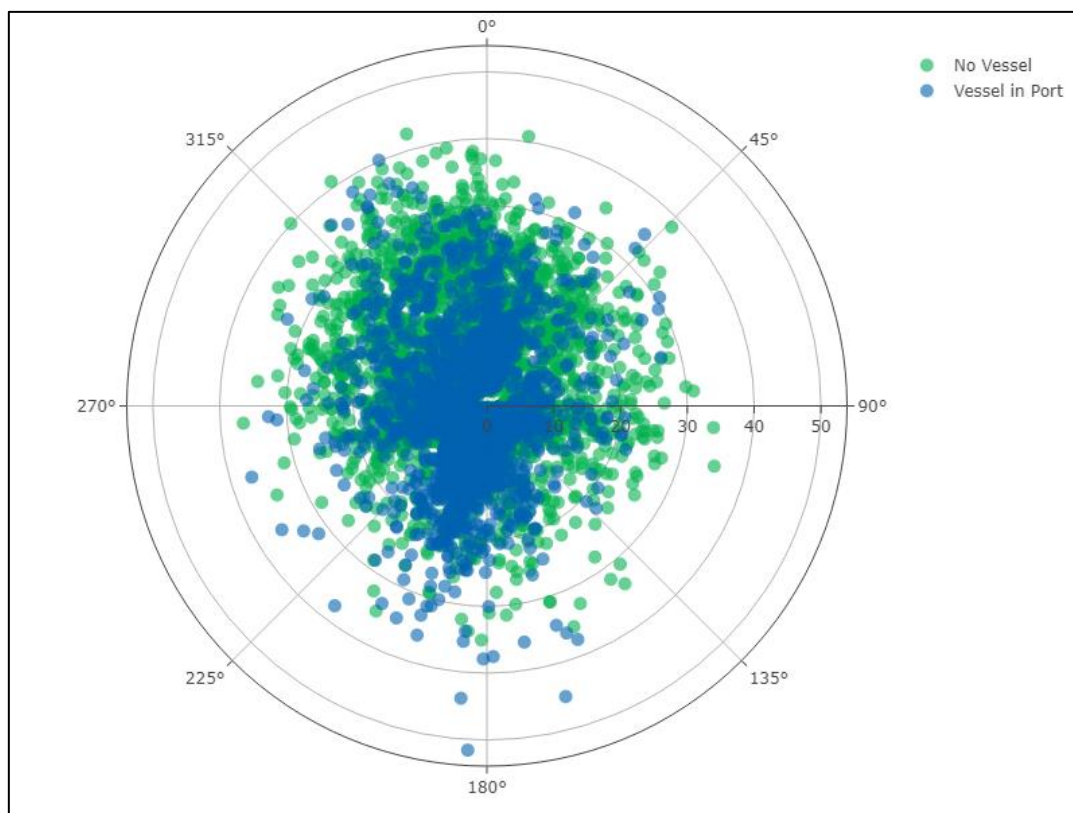


Figure C.6 Hourly average NO₂ concentration (µg/m³) by wind direction (December 2023 - November 2024)

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
November 2024	8.0	6.1
2024 year-to-date	9.8	8.4
All available data	9.5	7.9

C-4 SO₂

The SO₂ data observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 30 November 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.

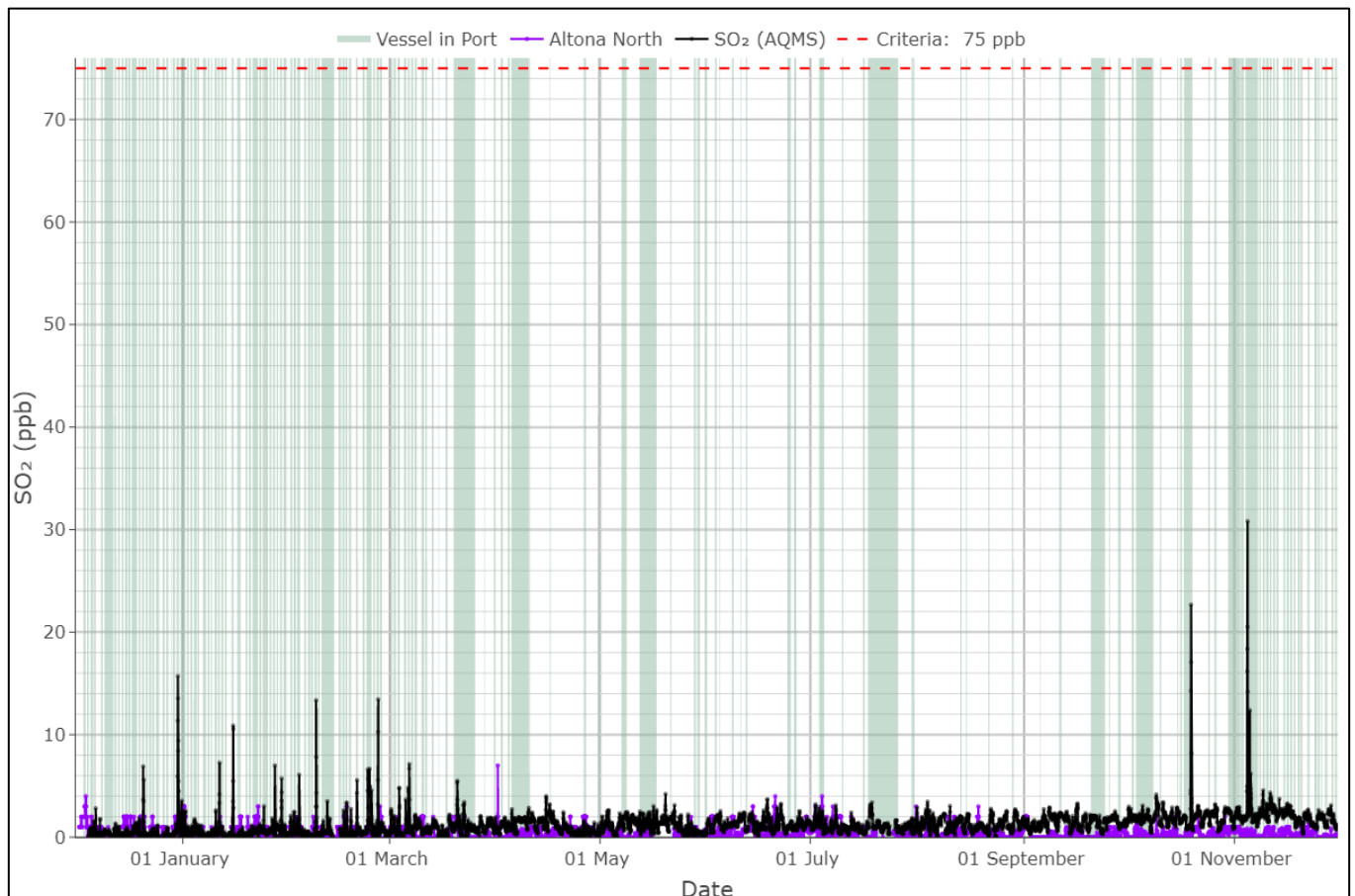


Figure C.7 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA Station (December 2023 - November 2024) (criteria: 75 ppb)

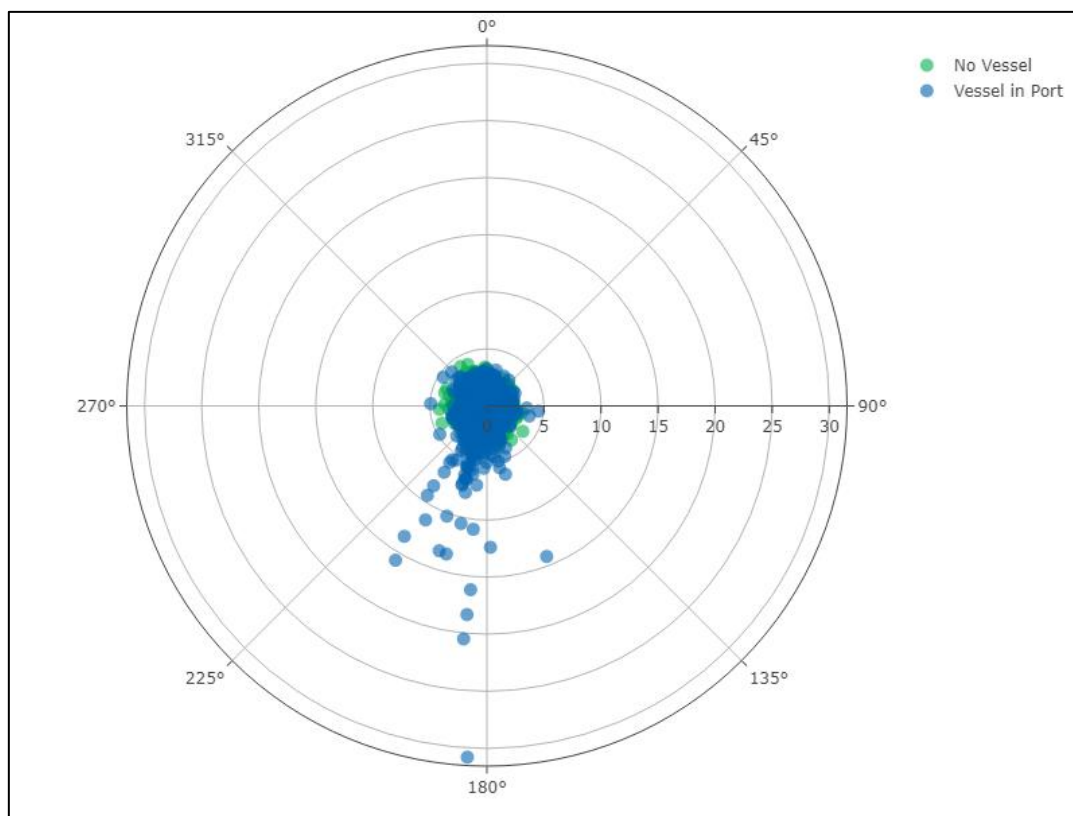


Figure C.8 Hourly average SO_2 concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - November 2024)

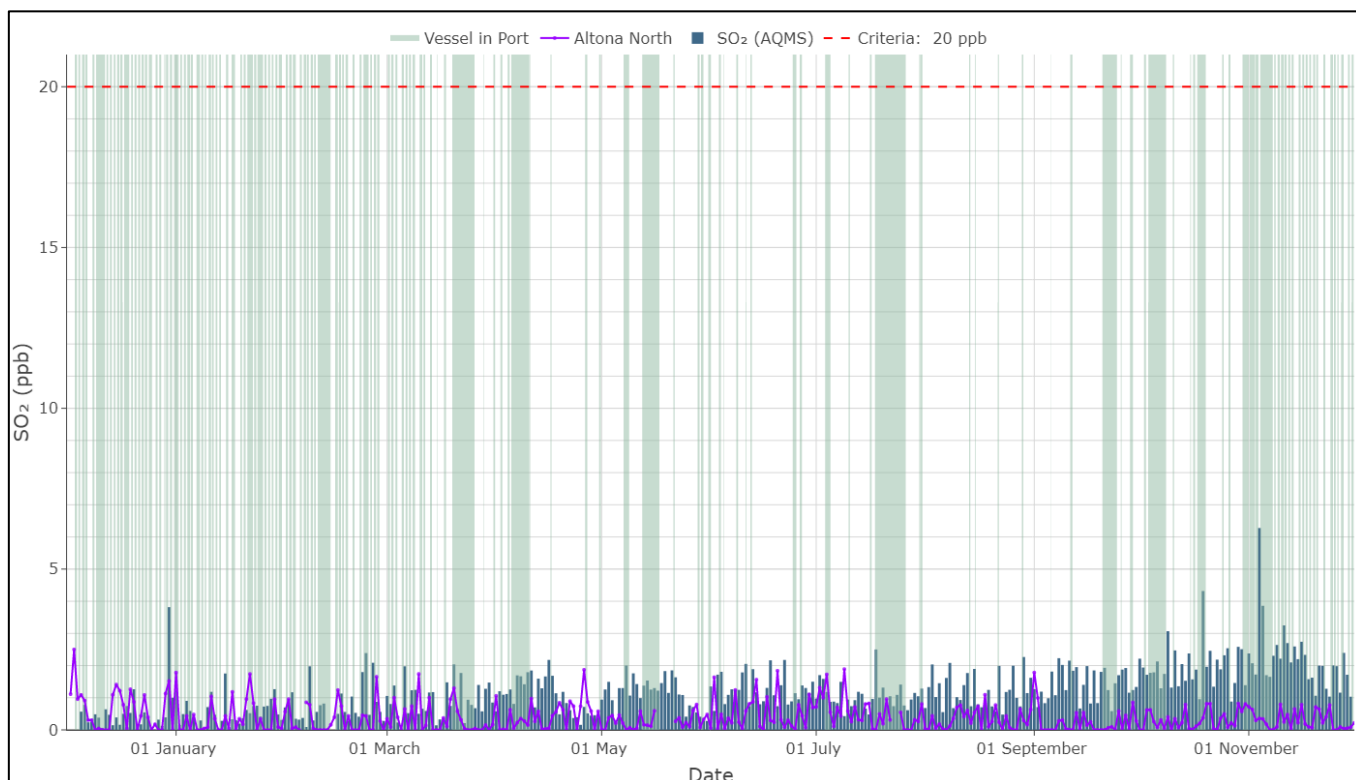


Figure C.9 24-hour average SO_2 concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier and local EPA Station (December 2023 - November 2024) (criteria: $20 \mu\text{g}/\text{m}^3$)

Appendix D

November 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 November to 30th November 2024

Report No: DAT22080

Issue Date: 13th December 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
November 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 (°)
01/11/24 00:05	0	1	1	1	14.3	64	6.1	194	8
01/11/24 00:10	0	1	1	1	14.4	64	6.3	191	6
01/11/24 00:15	0	1	1	2	14.3	64	6.3	192	6
01/11/24 00:20	0	1	1	2	14.3	64	5.6	188	8
01/11/24 00:25	0	1	1	2	14.3	66	6.4	193	5
01/11/24 00:30	0	1	1	2	14.4	66	6.8	193	5
01/11/24 00:35	0	1	1	2	14.2	63	5.4	188	9
01/11/24 00:40	0	1	1	2	14.1	64	6.0	190	7
01/11/24 00:45	0	1	1	2	14.0	63	5.4	189	9
01/11/24 00:50	0	1	1	2	14.1	64	6.3	193	7
01/11/24 00:55	0	1	1	2	14.1	64	6.4	192	6
01/11/24 01:00	0	1	1	2	14.2	65	7.4	194	5
01/11/24 01:05					14.0	63	6.7	193	6
01/11/24 01:10					14.1	66	6.4	197	6
01/11/24 01:15					14.1	61	6.0	192	8
01/11/24 01:20					14.0	60	6.1	186	7
01/11/24 01:25					13.8	59	5.6	184	8
01/11/24 01:30					13.8	63	5.3	192	8
01/11/24 01:35					13.9	63	5.2	197	8
01/11/24 01:40					13.9	61	4.5	186	8
01/11/24 01:45					13.8	59	5.7	191	8
01/11/24 01:50					13.6	57	4.8	190	7
01/11/24 01:55					13.7	60	6.2	200	6
01/11/24 02:00					13.7	60	5.4	189	8
01/11/24 02:05	0	1	1	2	13.6	61	5.4	197	9
01/11/24 02:10	0	1	1	2	13.8	63	6.8	202	5
01/11/24 02:15	0	1	1	2	13.7	61	5.9	195	7
01/11/24 02:20	0	1	1	2	13.7	61	5.3	199	9
01/11/24 02:25	0	1	1	2	13.5	61	6.0	211	7
01/11/24 02:30	0	1	0	2	13.8	64	5.9	211	7
01/11/24 02:35	0	1	0	2	13.7	59	6.2	208	4
01/11/24 02:40	0	1	1	2	13.5	60	4.6	203	7
01/11/24 02:45	0	1	1	2	13.6	60	4.3	191	12
01/11/24 02:50	0	1	1	2	13.5	56	3.9	181	10
01/11/24 02:55	0	1	1	2	13.5	57	1.9	176	16
01/11/24 03:00	0	1	1	2	13.5	60	2.6	181	14
01/11/24 03:05	0	1	1	2	13.6	62	3.9	194	8
01/11/24 03:10	0	1	0	2	13.6	60	4.5	188	7
01/11/24 03:15	0	1	1	2	13.5	57	3.9	183	9
01/11/24 03:20	0	0	0	2	13.6	58	4.1	185	11
01/11/24 03:25	0	0	0	2	13.6	58	4.5	183	7
01/11/24 03:30	0	0	0	2	13.5	57	4.4	185	12
01/11/24 03:35	0	0	0	2	13.6	62	5.2	188	11
01/11/24 03:40	0	0	0	2	13.6	59	3.2	176	14
01/11/24 03:45	0	0	0	2	13.6	59	4.1	178	11
01/11/24 03:50	0	0	0	2	13.7	60	3.7	169	18
01/11/24 03:55	0	0	0	2	13.7	60	2.9	178	13
01/11/24 04:00	0	1	1	2	13.7	62	2.9	177	14
01/11/24 04:05	0	2	2	2	13.8	64	3.5	185	18
01/11/24 04:10	0	2	2	2	13.7	60	4.8	180	11
01/11/24 04:15	0	1	1	2	13.6	59	5.0	184	10
01/11/24 04:20	0	1	1	2	13.6	59	5.4	191	8
01/11/24 04:25	0	1	1	2	13.7	60	5.2	191	8
01/11/24 04:30	0	1	1	2	13.6	58	4.4	181	11
01/11/24 04:35	0	1	1	2	13.7	58	3.8	180	13
01/11/24 04:40	0	1	1	2	13.6	58	3.5	178	13
01/11/24 04:45	0	1	1	2	13.6	58	2.7	165	19
01/11/24 04:50	0	1	1	2	13.7	61	2.9	169	21
01/11/24 04:55	0	1	1	2	13.7	59	3.1	167	17
01/11/24 05:00	0	1	1	2	13.7	62	2.7	162	23
01/11/24 05:05	0	1	1	2	13.7	59	3.1	167	18
01/11/24 05:10	0	1	1	2	13.6	60	2.5	156	26
01/11/24 05:15	0	1	1	2	13.7	64	3.9	181	13
01/11/24 05:20	0	1	1	2	13.8	61	5.4	179	8
01/11/24 05:25	0	1	1	2	13.6	61	4.7	184	9
01/11/24 05:30	0	1	1	2	13.6	61	4.9	184	8
01/11/24 05:35	0	2	2	2	13.6	59	4.7	182	10
01/11/24 05:40	16	19	35	2	13.7	60	4.3	178	13
01/11/24 05:45	4	4	8	2	13.7	61	4.2	174	16
01/11/24 05:50	31	14	46	2	13.8	59	4.6	181	10
01/11/24 05:55	8	10	17	2	13.8	57	4.3	177	13
01/11/24 06:00	4	2	6	2	13.7	60	6.7	192	8
01/11/24 06:05	3	3	6	2	13.7	57	5.0	184	10
01/11/24 06:10	5	3	9	2	13.8	58	5.6	188	7
01/11/24 06:15	19	11	30	2	13.6	56	6.0	188	11
01/11/24 06:20	0	1	1	2	13.7	59	6.7	192	9
01/11/24 06:25	7	22	29	2	13.8	54	4.1	181	11
01/11/24 06:30	9	10	19	2	13.6	54	3.2	173	17
01/11/24 06:35	7	11	18	2	13.7	58	3.5	185	12
01/11/24 06:40	16	16	31	2	13.7	59	4.0	182	12
01/11/24 06:45	12	6	18	2	13.7	59	6.1	199	9
01/11/24 06:50	2	6	8	2	13.8	61	6.5	196	8
01/11/24 06:55	4	2	6	2	13.7	59	6.5	201	9
01/11/24 07:00	13	9	22	2	13.8	60	6.6	202	8

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
01/11/24 07:05	19	3	22	2	13.7	59	5.8	206	13
01/11/24 07:10	32	13	45	2	13.7	56	5.2	185	9
01/11/24 07:15	37	15	52	2	13.8	56	4.2	179	13
01/11/24 07:20	10	8	18	2	14.0	56	2.7	156	20
01/11/24 07:25	6	7	13	2	14.0	55	2.2	156	30
01/11/24 07:30	14	12	26	2	14.2	58	4.1	184	10
01/11/24 07:35	13	12	25	2	14.2	59	3.5	176	14
01/11/24 07:40	21	14	35	2	14.3	58	3.5	178	14
01/11/24 07:45	8	9	17	2	14.5	56	3.4	162	22
01/11/24 07:50	9	11	20	2	14.5	56	2.7	165	21
01/11/24 07:55	13	10	23	2	14.4	55	2.6	159	23
01/11/24 08:00	3	2	5	2	14.4	55	2.5	137	24
01/11/24 08:05	3	4	8	2	14.3	55	2.8	129	15
01/11/24 08:10	4	3	6	2	14.1	57	3.0	139	20
01/11/24 08:15	2	1	3	2	14.0	55	3.4	134	12
01/11/24 08:20	1	1	2	2	14.0	56	2.0	134	27
01/11/24 08:25	1	1	2	2	14.2	60	2.7	175	15
01/11/24 08:30	2	3	5	2	14.3	60	2.9	181	14
01/11/24 08:35	25	13	38	2	14.4	60	3.0	182	10
01/11/24 08:40	10	7	17	2	14.3	58	3.9	141	25
01/11/24 08:45	1	1	2	2	13.9	58	3.0	118	18
01/11/24 08:50	1	2	3	2	13.9	57	2.5	130	24
01/11/24 08:55	2	4	5	2	14.2	60	2.5	166	18
01/11/24 09:00	3	5	8	2	14.6	60	3.7	179	11
01/11/24 09:05	3	2	5	2	14.6	61	3.1	177	17
01/11/24 09:10	2	5	7	2	14.6	61	3.8	184	13
01/11/24 09:15	8	14	22	2	14.5	59	4.6	183	11
01/11/24 09:20	8	8	16	2	14.4	59	4.5	179	12
01/11/24 09:25	7	9	16	2	14.5	57	4.5	185	9
01/11/24 09:30	5	7	12	2	14.5	55	5.4	185	10
01/11/24 09:35	5	6	11	2	14.5	55	5.6	186	8
01/11/24 09:40	5	6	11	2	14.6	53	5.6	185	9
01/11/24 09:45	4	4	8	2	14.6	53	5.0	184	8
01/11/24 09:50	7	11	18	2	14.8	53	5.5	178	11
01/11/24 09:55	7	5	12	2	14.9	52	5.3	189	8
01/11/24 10:00	7	3	10	2	14.8	52	5.7	190	7
01/11/24 10:05	4	5	9	2	15.1	50	6.0	186	7
01/11/24 10:10	4	8	12	2	15.1	49	5.6	187	8
01/11/24 10:15	4	4	8	2	15.1	50	5.4	187	9
01/11/24 10:20	3	1	3	2	15.1	50	5.9	195	8
01/11/24 10:25				2	14.7	53	6.3	202	5
01/11/24 10:30	1	0	1	2	14.6	53	5.6	198	8
01/11/24 10:35	1	1	1	2	14.7	51	5.7	194	5
01/11/24 10:40	1	1	2	2	14.7	54	5.3	196	7
01/11/24 10:45	1	0	2	2	14.6	54	5.3	198	5
01/11/24 10:50	1	1	2	2	14.6	54	5.2	196	8
01/11/24 10:55	1	2	3	2	15.1	53	3.6	183	13
01/11/24 11:00	2	2	4	2	15.3	53	3.9	189	13
01/11/24 11:05	2	3	5	2	15.2	53	4.7	191	8
01/11/24 11:10	6	6	12	2	15.3	52	3.4	181	14
01/11/24 11:15				2	15.7	53	3.7	187	13
01/11/24 11:20	4	4	8	2	15.6	52	3.8	183	9
01/11/24 11:25	4	4	9	2	15.7	50	4.1	181	12
01/11/24 11:30	5	5	10	2	16.0	52	3.5	177	16
01/11/24 11:35	3	3	6	2	16.3	51	4.1	181	12
01/11/24 11:40	6	5	12	2	16.3	52	3.8	182	15
01/11/24 11:45	7	6	13	2	16.2	52	4.5	187	9
01/11/24 11:50	3	5	8	2	15.9	55	4.9	190	7
01/11/24 11:55	3	5	9	2	15.7	56	3.8	187	12
01/11/24 12:00	6	7	13	2	16.2	53	3.9	184	9
01/11/24 12:05	3	2	5	2	15.9	52	4.5	187	8
01/11/24 12:10	3	2	5	2	15.8	55	4.8	186	9
01/11/24 12:15	3	3	6	2	15.8	57	4.4	186	10
01/11/24 12:20	6	8	14	2	16.1	55	4.4	182	12
01/11/24 12:25	5	5	9	2	15.9	56	4.3	190	8
01/11/24 12:30	4	3	8	2	15.9	55	4.8	188	9
01/11/24 12:35	4	3	7	2	15.9	52	5.8	193	7
01/11/24 12:40	3	4	7	2	15.9	55	4.9	189	8
01/11/24 12:45	6	5	11	2	16.1	54	5.3	190	8
01/11/24 12:50	2	2	3	2	15.7	55	5.9	193	8
01/11/24 12:55	1	2	3	2	15.6	55	5.9	194	6
01/11/24 13:00	1	2	4	2	15.5	55	5.5	194	7
01/11/24 13:05	1	1	2	2	15.2	56	6.3	195	7
01/11/24 13:10	2	1	2	2	15.3	57	6.0	193	7
01/11/24 13:15	2	1	3	2	15.8	55	5.2	191	9
01/11/24 13:20	2	1	3	2	15.7	53	5.6	189	7
01/11/24 13:25	2	2	3	2	15.9	53	6.0	190	8
01/11/24 13:30	2	2	3	2	16.0	54	5.5	192	8
01/11/24 13:35	1	1	3	2	15.7	55	6.1	196	7
01/11/24 13:40	1	2	4	2	15.9	56	5.6	194	7
01/11/24 13:45	2	2	5	2	16.1	56	5.4	190	7
01/11/24 13:50	2	2	3	3	16.0	55	5.6	192	8
01/11/24 13:55	2	3	5	3	16.1	55	6.1	193	8
01/11/24 14:00	2	3	5	2	16.0	56	5.9	193	7

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
01/11/24 14:05	2	1	2	2	15.8	58	6.2	196	7
01/11/24 14:10	1	1	2	2	15.7	58	6.2	193	7
01/11/24 14:15	0	1	2	2	15.8	59	6.5	199	4
01/11/24 14:20	0	1	1	3	15.8	61	6.5	197	6
01/11/24 14:25	1	2	3	3	15.8	59	7.4	200	5
01/11/24 14:30	1	2	3	2	15.7	58	6.9	197	6
01/11/24 14:35	1	1	3	2	15.8	58	6.9	194	7
01/11/24 14:40	1	2	3	2	15.8	58	7.1	196	6
01/11/24 14:45	1	2	3	2	15.8	59	7.0	196	7
01/11/24 14:50	1	3	4	2	15.9	58	6.7	194	6
01/11/24 14:55	2	4	5	2	15.7	59	7.0	196	6
01/11/24 15:00				3	15.7	61	7.4	196	6
01/11/24 15:05	3	5	7	3	16.0	56	7.1	194	6
01/11/24 15:10	3	1	4	3	16.0	57	6.9	192	6
01/11/24 15:15	2	1	3	3	16.0	57	6.8	192	6
01/11/24 15:20	3	1	4	3	15.9	57	7.2	197	5
01/11/24 15:25	2	1	3	3	15.7	58	6.7	195	6
01/11/24 15:30	1	1	2	3	15.9	59	6.4	192	8
01/11/24 15:35	1	1	3	3	16.0	59	6.4	193	7
01/11/24 15:40	1	1	3	3	16.1	58	6.3	189	8
01/11/24 15:45	2	2	4	2	16.2	58	6.4	191	7
01/11/24 15:50	15	11	26	2	16.1	60	6.7	193	8
01/11/24 15:55	5	3	7	2	16.2	58	6.3	189	8
01/11/24 16:00	10	8	18	2	16.2	59	6.5	192	8
01/11/24 16:05	21	18	39	2	16.2	60	6.3	191	7
01/11/24 16:10	8	5	13	3	16.4	58	5.8	187	7
01/11/24 16:15	58	7	65	3	16.3	58	6.2	191	7
01/11/24 16:20	77	21	98	3	16.2	59	5.4	187	9
01/11/24 16:25	18	8	25	3	16.6	58	4.6	183	10
01/11/24 16:30	65	24	89	3	16.8	58	4.6	184	11
01/11/24 16:35	11	7	18	3	16.7	57	4.8	184	14
01/11/24 16:40	13	11	24	3	16.8	59	3.8	183	13
01/11/24 16:45	10	10	20	3	16.9	52	4.3	181	15
01/11/24 16:50	10	6	16	3	17.0	55	4.3	182	10
01/11/24 16:55	6	4	10	3	16.9	53	4.7	185	9
01/11/24 17:00	2	3	5	3	16.9	55	4.9	185	8
01/11/24 17:05	3	11	14	3	16.9	54	4.3	180	12
01/11/24 17:10	4	7	11	3	17.0	55	4.7	182	11
01/11/24 17:15	4	5	9	3	17.1	54	4.4	176	13
01/11/24 17:20	6	12	17	3	16.9	55	3.9	184	11
01/11/24 17:25	8	13	20	3	17.0	56	4.0	178	12
01/11/24 17:30	9	11	20	3	17.0	56	4.2	182	12
01/11/24 17:35	5	4	9	3	16.8	56	4.0	177	14
01/11/24 17:40	4	6	10	3	16.7	58	4.1	179	12
01/11/24 17:45	7	9	16	3	16.8	58	4.1	180	10
01/11/24 17:50	12	15	26	3	16.8	58	4.9	179	11
01/11/24 17:55	13	16	29	3	16.6	57	4.5	184	10
01/11/24 18:00	6	6	12	3	16.7	57	4.6	175	13
01/11/24 18:05	5	8	13	3	16.5	58	4.6	183	12
01/11/24 18:10	8	12	20	3	16.5	60	4.8	182	12
01/11/24 18:15	5	4	9	3	16.3	59	4.6	175	11
01/11/24 18:20	4	7	10	3	16.1	61	5.0	177	12
01/11/24 18:25	6	18	24	3	16.1	61	4.9	180	11
01/11/24 18:30	8	11	19	3	16.0	62	5.2	182	10
01/11/24 18:35	6	9	15	3	15.8	60	5.2	181	10
01/11/24 18:40	9	13	22	3	15.7	63	4.9	177	11
01/11/24 18:45	7	10	17	3	15.7	63	4.8	179	12
01/11/24 18:50	5	5	10	3	15.5	63	4.0	174	13
01/11/24 18:55	3	5	7	3	15.4	65	4.0	171	14
01/11/24 19:00	2	5	7	3	15.3	66	3.8	167	18
01/11/24 19:05	1	2	4	3	15.3	67	3.6	167	20
01/11/24 19:10	1	3	4	3	15.2	67	3.7	176	13
01/11/24 19:15	1	3	4	3	15.3	67	3.6	168	16
01/11/24 19:20	1	3	3	3	15.2	67	3.4	172	19
01/11/24 19:25	1	3	3	3	15.3	67	3.6	166	14
01/11/24 19:30	0	3	3	3	15.2	68	3.3	169	20
01/11/24 19:35	0	2	2	3	15.1	67	3.4	169	21
01/11/24 19:40	0	2	2	3	15.1	68	3.0	165	24
01/11/24 19:45	0	2	2	3	15.1	69	3.1	171	20
01/11/24 19:50	1	2	3	3	15.2	70	3.7	172	16
01/11/24 19:55	1	2	3	2	15.2	71	3.4	165	20
01/11/24 20:00	1	2	2	3	15.1	71	3.6	162	17
01/11/24 20:05	1	1	2	3	15.1	71	3.6	165	17
01/11/24 20:10	0	1	2	3	15.0	68	4.6	133	16
01/11/24 20:15	0	1	1	3	15.0	70	4.0	144	21
01/11/24 20:20	0	1	1	3	14.8	69	4.1	144	23
01/11/24 20:25	0	1	1	3	14.8	70	4.8	131	15
01/11/24 20:30	0	1	1	3	14.7	70	4.2	121	18
01/11/24 20:35	0	1	1	3	14.7	69	5.3	127	13
01/11/24 20:40	0	1	1	3	14.6	69	5.0	123	11
01/11/24 20:45	0	1	1	3	14.5	69	5.7	126	9
01/11/24 20:50	0	1	1	3	14.4	68	5.6	126	11
01/11/24 20:55	0	1	1	3	14.3	69	5.6	129	12
01/11/24 21:00	0	1	1	3	14.3	70	4.3	128	13

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
01/11/24 21:05	0	1	1	3	14.4	71	3.0	115	21
01/11/24 21:10	0	1	1	3	14.4	71	3.7	108	12
01/11/24 21:15	0	1	1	3	14.3	70	3.4	109	14
01/11/24 21:20	0	1	1	3	14.2	70	4.2	104	9
01/11/24 21:25	0	2	1	3	14.2	71	4.3	106	9
01/11/24 21:30	0	2	2	3	14.1	71	3.5	108	16
01/11/24 21:35	0	2	2	3	14.0	71	4.2	107	12
01/11/24 21:40	0	2	2	3	14.0	72	4.1	104	12
01/11/24 21:45	0	2	2	3	14.0	71	4.6	105	9
01/11/24 21:50	0	2	2	3	13.9	71	4.6	101	10
01/11/24 21:55	0	2	2	3	13.9	71	4.9	107	8
01/11/24 22:00	0	2	2	3	13.7	72	4.2	107	10
01/11/24 22:05	0	3	3	3	13.8	72	2.9	109	17
01/11/24 22:10	0	3	3	3	13.7	73	3.5	107	12
01/11/24 22:15	0	4	4	3	13.6	74	3.4	102	10
01/11/24 22:20	0	5	5	3	13.6	74	3.7	100	9
01/11/24 22:25	0	6	6	3	13.6	73	3.1	109	15
01/11/24 22:30	0	7	7	3	13.5	72	3.2	112	16
01/11/24 22:35	0	8	8	3	13.4	73	3.6	105	10
01/11/24 22:40	0	8	8	3	13.5	73	3.6	105	11
01/11/24 22:45	0	8	8	3	13.4	73	3.5	100	11
01/11/24 22:50	0	8	8	3	13.3	73	3.3	93	10
01/11/24 22:55	0	8	8	3	13.0	71	3.4	90	6
01/11/24 23:00	0	8	8	3	13.0	72	3.8	91	6
01/11/24 23:05	0	8	8	3	12.8	72	3.1	92	9
01/11/24 23:10	0	8	8	3	13.0	73	3.2	97	7
01/11/24 23:15	0	8	8	3	12.8	72	3.4	92	5
01/11/24 23:20	0	8	8	3	12.7	72	3.2	93	8
01/11/24 23:25	0	8	7	3	12.7	72	3.4	94	10
01/11/24 23:30	0	7	7	3	12.7	73	3.2	98	11
01/11/24 23:35	0	7	7	3	12.9	73	3.6	114	15
01/11/24 23:40	0	8	8	3	12.9	73	3.5	105	13
01/11/24 23:45	0	9	9	3	12.9	73	4.1	106	10
01/11/24 23:50	0	10	10		12.9	75	3.3	109	14
01/11/24 23:55	0	12	13		12.8	74	3.8	108	14
02/11/24 00:00	0	15	16	3	12.9	75	3.8	106	13
02/11/24 00:05	0	17	17	2	12.8	76	4.8	102	7
02/11/24 00:10	0	17	17	2	12.8	75	4.3	97	9
02/11/24 00:15	0	16	17	2	12.4	73	4.4	91	6
02/11/24 00:20	0	16	16	2	12.4	75	4.6	99	7
02/11/24 00:25	0	15	16	2	12.4	77	3.7	98	8
02/11/24 00:30	0	15	16	2	12.5	77	4.3	103	8
02/11/24 00:35	0	15	16	2	12.6	77	4.7	101	7
02/11/24 00:40	0	16	16	2	12.6	77	3.9	102	11
02/11/24 00:45	0	16	16	2	12.6	77	3.6	98	11
02/11/24 00:50	0	16	16	2	12.2	75	4.2	90	6
02/11/24 00:55	0	16	16	2	12.1	75	4.2	92	6
02/11/24 01:00	0	14	14	2	12.0	76	3.9	94	7
02/11/24 01:05					12.0	77	3.7	94	8
02/11/24 01:10					12.1	77	3.9	96	7
02/11/24 01:15					12.1	76	4.2	94	7
02/11/24 01:20					12.1	78	4.5	96	8
02/11/24 01:25					12.1	77	4.7	93	5
02/11/24 01:30					11.8	75	4.8	92	7
02/11/24 01:35					11.8	77	4.4	96	6
02/11/24 01:40					11.9	78	4.5	96	6
02/11/24 01:45					12.0	79	4.0	104	9
02/11/24 01:50					12.1	78	4.0	106	10
02/11/24 01:55					12.2	79	4.0	96	11
02/11/24 02:00					11.9	77	3.8	90	7
02/11/24 02:05	0	15	16	2	11.6	76	4.1	91	9
02/11/24 02:10	0	15	15	2	11.7	78	4.0	95	7
02/11/24 02:15	0	15	15	2	11.9	79	3.9	96	7
02/11/24 02:20	0	15	15	2	11.9	79	3.6	94	9
02/11/24 02:25	0	15	15	2	11.7	78	4.0	92	7
02/11/24 02:30	0	15	15	2	11.5	76	4.3	91	7
02/11/24 02:35	0	15	15	2	11.6	76	4.0	95	7
02/11/24 02:40	0	15	15	2	11.5	75	3.2	88	7
02/11/24 02:45	0	15	15	2	11.4	75	3.1	86	9
02/11/24 02:50	0	15	15	2	11.3	74	2.7	82	10
02/11/24 02:55	0	15	15	2	11.4	74	2.2	92	12
02/11/24 03:00	0	15	16	2	11.4	76	3.2	94	6
02/11/24 03:05	0	16	16	2	11.4	76	2.5	91	9
02/11/24 03:10	0	15	15	2	11.3	76	2.7	94	8
02/11/24 03:15	0	14	14	2	11.4	77	2.9	96	8
02/11/24 03:20	0	13	13	2	11.4	77	2.4	95	12
02/11/24 03:25	0	11	11	2	11.4	78	1.9	94	15
02/11/24 03:30	0	7	7	2	11.5	80	2.1	108	17
02/11/24 03:35	0	5	5	2	11.6	79	2.2	119	17
02/11/24 03:40	0	5	5	2	11.6	78	2.3	121	16
02/11/24 03:45	0	4	4	2	11.8	79	2.2	120	19
02/11/24 03:50	0	4	4	2	11.8	78	2.1	113	14
02/11/24 03:55	0	4	4	2	11.8	78	2.5	112	15
02/11/24 04:00	0	3	3	2	11.8	77	2.3	127	19

Station Pier Ambient Air Quality Monitoring
November 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 (°)
02/11/24 04:05	0	3	3	2	11.8	77	2.4	129	19
02/11/24 04:10	0	3	3	2	11.9	77	2.1	131	20
02/11/24 04:15	0	3	3	2	12.0	77	2.3	122	19
02/11/24 04:20	0	3	3	2	11.8	76	2.4	140	19
02/11/24 04:25	0	4	3	2	11.9	76	2.2	123	22
02/11/24 04:30	0	3	3	2	11.9	77	2.7	106	13
02/11/24 04:35	0	3	3	2	11.9	77	3.0	106	15
02/11/24 04:40	0	3	3	2	11.9	76	2.1	96	18
02/11/24 04:45	0	3	3	2	11.6	77	3.1	103	16
02/11/24 04:50	0	4	3	2	11.3	76	2.8	80	8
02/11/24 04:55	0	4	4	2	11.0	76	2.3	79	11
02/11/24 05:00	0	4	4	2	10.9	77	1.5	68	10
02/11/24 05:05	0	4	4	2	10.6	77	1.1	58	15
02/11/24 05:10	0	4	5	2	10.5	78	0.9	40	16
02/11/24 05:15	0	5	5	2	10.4	79	0.9	38	12
02/11/24 05:20	0	5	6	2	10.3	79	1.2	38	7
02/11/24 05:25	0	6	6	2	10.2	80	1.2	26	7
02/11/24 05:30	0	7	7	2	10.1	81	0.8	21	12
02/11/24 05:35	0	7	7	2	10.2	80	0.8	29	7
02/11/24 05:40	0	8	8	2	10.3	79	0.7	44	11
02/11/24 05:45	1	8	9	2	10.3	79	1.2	358	25
02/11/24 05:50	7	20	28	2	10.3	79	1.4	305	15
02/11/24 05:55	15	21	36	2	10.3	80	1.6	294	13
02/11/24 06:00	30	20	50	2	10.4	80	1.2	315	19
02/11/24 06:05	39	20	59	2	10.4	79	1.0	314	21
02/11/24 06:10	39	21	60	2	10.6	78	1.6	303	14
02/11/24 06:15	33	19	52	2	10.5	78	1.2	310	23
02/11/24 06:20	33	19	53	2	10.6	78	0.9	308	20
02/11/24 06:25	35	24	59	2	10.9	77	1.0	310	23
02/11/24 06:30	58	19	76	2	11.0	75	0.8	332	34
02/11/24 06:35	63	23	85	2	11.2	74	1.1	353	29
02/11/24 06:40	68	23	91	3	11.4	73	1.0	354	23
02/11/24 06:45	69	22	91	3	11.6	72	0.6	304	36
02/11/24 06:50	67	22	89	3	11.6	72	0.6	317	32
02/11/24 06:55	61	20	81	3	11.9	72	0.9	328	27
02/11/24 07:00	48	22	70	3	12.2	70	0.7	326	48
02/11/24 07:05	40	22	61	3	12.3	70	1.4	294	20
02/11/24 07:10	18	16	34	3	12.2	71	1.2	289	27
02/11/24 07:15	14	15	30	3	12.2	70	1.9	293	14
02/11/24 07:20	19	19	38	3	12.2	70	1.2	2	36
02/11/24 07:25	18	17	35	3	12.6	67	1.3	359	31
02/11/24 07:30	14	16	30	3	13.0	67	1.0	355	50
02/11/24 07:35	13	15	29	3	13.0	65	2.2	348	23
02/11/24 07:40	10	10	19	3	13.1	65	1.8	354	30
02/11/24 07:45	10	12	22	3	13.0	65	1.7	327	25
02/11/24 07:50	10	12	23	3	12.9	65	1.4	313	28
02/11/24 07:55	10	12	22	3	13.1	65	1.6	296	27
02/11/24 08:00	9	12	22	3	13.5	65	0.8	315	48
02/11/24 08:05	11	15	25	3	13.7	65	1.0	280	37
02/11/24 08:10	12	16	28	3	13.6	62	1.1	319	32
02/11/24 08:15	12	14	26	3	14.0	61	1.1	317	39
02/11/24 08:20	11	13	24	3	14.4	60	1.9	285	23
02/11/24 08:25	11	12	23	3	14.1	59	2.0	300	16
02/11/24 08:30	10	12	22	3	14.4	59	1.5	322	30
02/11/24 08:35	10	12	22	3	14.9	57	1.9	314	29
02/11/24 08:40	10	11	21	3	15.3	57	1.4	322	41
02/11/24 08:45	9	11	21	3	15.3	57	1.9	303	22
02/11/24 08:50	9	11	20	3	15.8	56	0.5	334	76
02/11/24 08:55	9	11	20	3	16.2	55	1.4	271	23
02/11/24 09:00	9	11	20	3	16.0	55	1.4	320	32
02/11/24 09:05	8	10	18	3	16.6	54	1.4	291	42
02/11/24 09:10	7	7	14	3	16.9	54	0.5	246	64
02/11/24 09:15	6	4	10	3	17.7	50	1.2	22	37
02/11/24 09:20	4	5	9	3	18.2	49	0.4	349	71
02/11/24 09:25	4	5	9	3	18.8	47	1.5	21	35
02/11/24 09:30	4	5	9	3	18.8	47	0.5	336	71
02/11/24 09:35	3	6	9	2	18.9	48	1.0	325	68
02/11/24 09:40	3	5	9	2	19.7	47	2.3	14	49
02/11/24 09:45	3	5	9	2	19.4	50	1.0	358	69
02/11/24 09:50	3	5	8	2	20.0	45	2.9	314	29
02/11/24 09:55	2	5	7	2	20.4	44	3.1	335	33
02/11/24 10:00	2	4	6	2	20.5	44	2.5	318	34
02/11/24 10:05	2	4	6	2	20.6	45	2.4	332	30
02/11/24 10:10	2	4	6	2	21.1	44	3.1	1	25
02/11/24 10:15	2	4	5	2	21.3	42	3.1	339	30
02/11/24 10:20	2	4	5	2	21.3	41	2.8	346	32
02/11/24 10:25	2	4	5	2	21.5	40	4.4	2	29
02/11/24 10:30	1	3	5	2	21.3	38	4.0	352	25
02/11/24 10:35	1	3	5	2	21.7	39	2.7	340	37
02/11/24 10:40	1	3	5	2	21.8	38	2.6	332	38
02/11/24 10:45	1	3	5	2	21.7	37	4.6	1	21
02/11/24 10:50	1	3	5	2	22.0	38	2.7	324	32
02/11/24 10:55	1	3	4	2	21.8	38	2.9	317	33
02/11/24 11:00	1	3	4	2	21.9	37	2.9	309	30

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
02/11/24 11:05	1	3	4	2	22.0	36	3.8	318	27
02/11/24 11:10	1	3	4	2	21.9	37	2.7	327	34
02/11/24 11:15	1	3	4	2	22.5	35	2.6	355	37
02/11/24 11:20	1	3	4	2	22.7	30	3.4	325	27
02/11/24 11:25	1	3	4	2	22.7	30	3.8	318	28
02/11/24 11:30	1	3	4	2	22.7	31	2.7	326	38
02/11/24 11:35	1	3	4	2	22.9	30	2.7	332	38
02/11/24 11:40	1	3	4	2	23.1	29	3.7	346	32
02/11/24 11:45	1	3	4	2	23.4	29	2.4	345	36
02/11/24 11:50	1	4	5	2	23.5	27	3.8	317	26
02/11/24 11:55	1	3	5	2	23.4	28	3.7	307	29
02/11/24 12:00	1	3	4	2	23.2	29	4.0	319	27
02/11/24 12:05	1	3	4	2	23.1	29	3.3	339	30
02/11/24 12:10	1	3	5	2	23.4	29	3.0	337	33
02/11/24 12:15	1	4	5	2	23.7	30	4.5	14	21
02/11/24 12:20	1	4	5	2	23.9	29	2.3	355	34
02/11/24 12:25	1	4	5	2	24.0	29	5.4	5	19
02/11/24 12:30	1	3	5	2	24.0	28	4.0	2	28
02/11/24 12:35	1	3	4	1	24.1	28	4.1	358	24
02/11/24 12:40	1	3	5	2	24.1	28	3.8	316	26
02/11/24 12:45	1	4	5	2	23.9	28	4.6	327	27
02/11/24 12:50	1	4	5	2	24.0	28	3.1	328	29
02/11/24 12:55	1	4	5	2	24.5	28	4.1	357	22
02/11/24 13:00	1	4	5	2	24.8	27	2.7	335	39
02/11/24 13:05	1	4	5	2	25.2	25	2.7	327	39
02/11/24 13:10	1	4	5	2	25.2	24	4.4	1	24
02/11/24 13:15	1	3	5	2	25.5	23	3.5	328	34
02/11/24 13:20	1	3	4	2	25.2	23	3.4	330	35
02/11/24 13:25	1	3	4	2	25.2	23	3.6	339	36
02/11/24 13:30	1	3	4	2	25.4	22	2.8	338	39
02/11/24 13:35	1	3	4	2	25.3	22	3.9	338	37
02/11/24 13:40	1	3	4	2	25.2	22	3.4	332	35
02/11/24 13:45	1	3	4	2	25.4	22	3.5	341	32
02/11/24 13:50	1	3	4	2	25.5	22	4.5	9	25
02/11/24 13:55	1	3	4	2	25.8	22	2.9	336	34
02/11/24 14:00	1	3	4	2	25.6	22	3.7	327	29
02/11/24 14:05	1	3	3	2	25.6	22	3.6	346	32
02/11/24 14:10	1	3	4	2	25.8	22	3.7	357	24
02/11/24 14:15	1	3	4	2	26.0	21	3.6	353	26
02/11/24 14:20	1	3	4	2	26.0	21	3.7	352	23
02/11/24 14:25	1	3	4	2	26.1	21	3.4	8	29
02/11/24 14:30	1	3	4	2	26.2	21	4.9	5	19
02/11/24 14:35	1	3	4	2	26.1	22	3.8	348	29
02/11/24 14:40	1	3	4	2	26.0	21	4.1	349	31
02/11/24 14:45	1	3	4	2	26.3	19	4.3	350	25
02/11/24 14:50	1	3	4	2	26.4	19	3.4	336	35
02/11/24 14:55	1	3	4	2	26.7	18	3.1	332	34
02/11/24 15:00	1	3	4	2	26.7	19	3.2	346	34
02/11/24 15:05	1	3	4	2	27.0	17	2.8	321	33
02/11/24 15:10	1	3	4	2	26.8	16	4.0	309	27
02/11/24 15:15	1	3	4	2	26.8	17	2.8	332	39
02/11/24 15:20	1	3	4	2	27.2	16	3.8	357	30
02/11/24 15:25	1	3	4	2	27.0	16	3.7	315	27
02/11/24 15:30	1	3	4	2	26.7	16	3.8	311	28
02/11/24 15:35	1	3	3	2	26.7	17	3.6	307	27
02/11/24 15:40	1	3	3	2	26.7	16	4.4	310	25
02/11/24 15:45	1	3	3	2	26.8	16	3.4	321	27
02/11/24 15:50	1	3	3	2	26.7	15	4.8	327	26
02/11/24 15:55	0	2	3	2	26.7	16	3.7	338	30
02/11/24 16:00	0	3	3	2	26.7	16	3.2	311	29
02/11/24 16:05	1	3	3	2	26.7	17	3.7	316	29
02/11/24 16:10	0	3	3	2	26.5	16	3.4	316	29
02/11/24 16:15	0	2	3	2	26.7	16	4.5	323	30
02/11/24 16:20	0	2	3	2	26.7	17	3.5	325	33
02/11/24 16:25	0	2	3	2	26.9	16	2.9	344	39
02/11/24 16:30	0	2	3	2	26.8	16	3.6	331	30
02/11/24 16:35	0	2	3	2	26.9	16	3.7	317	25
02/11/24 16:40	0	3	3	2	26.9	17	3.7	308	28
02/11/24 16:45	0	3	3	2	26.8	16	3.8	315	29
02/11/24 16:50	0	3	3	2	26.7	16	3.1	322	30
02/11/24 16:55	0	3	3	2	26.6	17	2.8	318	41
02/11/24 17:00	0	3	3	2	26.7	17	4.1	316	29
02/11/24 17:05	0	3	3	2	26.8	16	3.9	328	24
02/11/24 17:10	0	3	3	2	26.7	16	4.0	326	29
02/11/24 17:15	0	3	3	2	26.6	16	3.5	311	24
02/11/24 17:20	0	3	3	2	26.6	16	3.9	315	24
02/11/24 17:25	0	3	3	2	26.5	16	3.8	315	27
02/11/24 17:30	0	3	3	2	26.4	16	4.2	338	32
02/11/24 17:35	0	3	3	2	26.5	16	3.6	336	30
02/11/24 17:40	0	3	3	2	26.5	16	3.2	341	38
02/11/24 17:45	0	3	3	2	26.5	16	3.6	344	30
02/11/24 17:50	0	3	4	2	26.5	16	4.3	341	27
02/11/24 17:55	0	4	4	2	26.4	17	3.0	344	41
02/11/24 18:00	0	4	4	2	26.4	17	2.4	320	34

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
02/11/24 18:05	0	4	4	2	26.3	17	2.4	320	30
02/11/24 18:10	0	4	4	2	26.2	17	1.2	328	48
02/11/24 18:15	0	4	4	2	26.1	17	2.1	336	37
02/11/24 18:20	0	5	5	2	26.3	17	2.6	344	29
02/11/24 18:25	0	5	6	2	26.2	17	1.7	327	39
02/11/24 18:30	0	6	6	2	26.1	18	2.0	331	32
02/11/24 18:35	0	6	6	2	25.9	18	2.4	351	28
02/11/24 18:40	0	6	7	2	25.9	18	2.5	323	24
02/11/24 18:45	0	7	7	2	25.8	19	1.3	330	32
02/11/24 18:50	0	7	8	2	25.6	18	1.4	343	36
02/11/24 18:55	0	8	8	2	25.5	19	1.6	348	28
02/11/24 19:00	0	9	9	2	25.3	19	2.4	353	26
02/11/24 19:05	0	9	10	2	25.3	19	2.0	355	26
02/11/24 19:10	0	10	10	2	25.2	19	2.4	359	25
02/11/24 19:15	1	11	11	2	25.1	20	3.0	7	19
02/11/24 19:20	0	11	12	2	25.1	19	3.6	18	17
02/11/24 19:25	0	10	11	2	25.1	20	3.0	15	20
02/11/24 19:30	0	9	10	2	25.0	20	3.2	15	20
02/11/24 19:35	0	9	9	2	24.9	20	2.8	15	22
02/11/24 19:40	0	8	8	2	24.8	20	2.8	17	21
02/11/24 19:45	0	8	8	2	24.7	20	3.6	12	22
02/11/24 19:50	0	7	8	2	24.6	20	3.3	11	18
02/11/24 19:55	0	7	8	2	24.5	21	2.8	11	24
02/11/24 20:00	0	7	8	2	24.3	21	2.4	20	21
02/11/24 20:05	0	7	8	2	24.1	21	3.0	7	23
02/11/24 20:10	0	7	8	2	24.1	21	2.7	6	25
02/11/24 20:15	0	7	8	1	24.1	21	2.6	1	28
02/11/24 20:20	0	7	7	2	24.1	20	2.9	6	22
02/11/24 20:25	0	7	7	2	24.0	20	3.0	16	23
02/11/24 20:30	0	6	7	2	23.9	20	3.2	13	19
02/11/24 20:35	0	6	7	2	23.9	20	3.2	13	23
02/11/24 20:40	0	6	7	2	23.9	20	2.2	7	22
02/11/24 20:45	0	6	7	2	23.8	21	2.6	5	20
02/11/24 20:50	1	6	7	2	23.7	21	1.9	7	24
02/11/24 20:55	1	6	7	2	23.6	21	2.1	356	25
02/11/24 21:00	0	6	7	2	23.6	21	1.2	346	39
02/11/24 21:05	0	7	7	2	23.2	22	1.4	344	30
02/11/24 21:10	0	8	8	2	23.0	22	1.1	317	42
02/11/24 21:15	0	9	9	2	23.1	22	0.8	344	49
02/11/24 21:20	0	9	10	2	23.2	21	2.1	355	28
02/11/24 21:25	0	9	9	2	23.3	21	1.9	350	31
02/11/24 21:30	0	9	9	2	23.4	20	2.1	347	38
02/11/24 21:35	0	8	9	2	23.5	20	2.7	355	26
02/11/24 21:40	0	8	8	2	23.6	20	3.9	359	23
02/11/24 21:45	0	7	8	2	23.7	20	3.7	358	21
02/11/24 21:50	0	7	7	2	23.8	20	4.5	354	22
02/11/24 21:55	0	6	7	2	23.8	20	3.7	358	23
02/11/24 22:00	1	6	7	2	23.7	20	3.6	7	22
02/11/24 22:05	1	6	7	2	23.7	20	3.5	354	27
02/11/24 22:10	1	6	7	2	23.7	21	2.4	333	40
02/11/24 22:15	1	6	6	2	23.4	22	2.2	312	27
02/11/24 22:20	1	6	6	2	23.3	21	2.2	358	31
02/11/24 22:25	0	6	6	2	23.4	21	3.5	18	14
02/11/24 22:30	0	6	6	2	23.5	20	3.7	17	17
02/11/24 22:35	0	6	6	2	23.7	20	3.4	19	17
02/11/24 22:40	0	6	6	2	23.9	20	3.5	18	20
02/11/24 22:45	0	6	6	2	24.2	19	4.2	16	16
02/11/24 22:50	0	6	6	2	24.4	19	4.0	18	16
02/11/24 22:55	0	6	6	2	24.4	19	4.5	7	19
02/11/24 23:00	0	5	5	2	24.5	18	3.1	12	25
02/11/24 23:05	0	5	5	2	24.5	19	3.4	16	21
02/11/24 23:10	0	5	5	2	24.4	18	4.6	14	17
02/11/24 23:15	0	5	5	2	24.2	19	3.6	18	23
02/11/24 23:20	1	5	5	2	24.0	19	4.1	13	19
02/11/24 23:25	0	4	5	2	24.0	19	3.8	12	21
02/11/24 23:30	0	4	5	2	24.0	19	4.0	9	20
02/11/24 23:35	0	4	4	2	24.2	19	3.8	1	23
02/11/24 23:40	0	4	4	2	24.2	19	3.2	6	24
02/11/24 23:45	0	4	4	2	24.3	18	3.6	5	24
02/11/24 23:50	0	3	4		24.4	18	3.2	360	24
02/11/24 23:55	0	3	3		24.4	18	4.0	7	17
03/11/24 00:00	0	3	3	2	24.4	18	4.3	17	21
03/11/24 00:05	0	3	3	2	24.6	17	4.7	19	17
03/11/24 00:10	0	3	3	2	24.7	17	5.1	19	17
03/11/24 00:15	0	3	3	2	24.8	17	4.1	2	24
03/11/24 00:20	0	2	3	2	24.9	17	5.1	14	22
03/11/24 00:25	0	2	3	2	25.0	17	5.0	17	20
03/11/24 00:30	0	2	3	2	25.0	17	5.7	7	20
03/11/24 00:35	0	2	3	2	24.9	17	5.1	13	17
03/11/24 00:40	1	2	3	2	24.7	17	4.0	11	23
03/11/24 00:45	0	2	3	1	24.6	17	3.2	7	29
03/11/24 00:50	0	2	3	1	24.5	18	4.7	17	22
03/11/24 00:55	1	2	3	1	24.4	18	4.9	6	24
03/11/24 01:00	1	2	3	1	24.4	18	4.2	9	22

Station Pier Ambient Air Quality Monitoring
November 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 (°)
03/11/24 01:05					24.4	18	4.4	2	27
03/11/24 01:10					24.3	18	3.8	3	26
03/11/24 01:15					24.5	18	6.1	360	18
03/11/24 01:20					24.6	18	4.6	357	24
03/11/24 01:25					24.4	17	3.9	352	26
03/11/24 01:30					24.6	17	3.8	350	33
03/11/24 01:35					24.8	17	3.3	348	33
03/11/24 01:40					25.1	16	3.7	337	34
03/11/24 01:45					25.5	16	4.1	333	32
03/11/24 01:50					25.7	15	4.6	332	28
03/11/24 01:55					25.9	15	4.1	327	37
03/11/24 02:00					25.8	16	2.6	330	46
03/11/24 02:05	0	2	2	2	25.9	15	4.4	343	31
03/11/24 02:10	0	2	2	2	26.0	15	2.9	329	40
03/11/24 02:15	0	2	2	2	25.9	15	3.8	341	36
03/11/24 02:20	0	2	2	2	25.9	15	4.1	341	37
03/11/24 02:25	0	2	2	2	25.8	15	4.2	328	32
03/11/24 02:30	0	2	2	2	25.8	16	3.6	338	37
03/11/24 02:35	0	2	2	2	25.7	15	4.1	340	29
03/11/24 02:40	0	2	2	2	25.7	15	4.2	343	30
03/11/24 02:45	0	2	2	2	25.8	15	6.0	353	24
03/11/24 02:50	0	2	2	2	26.0	15	4.2	340	32
03/11/24 02:55	0	2	2	2	25.8	15	3.8	340	28
03/11/24 03:00	0	3	3	2	25.8	16	5.2	346	26
03/11/24 03:05	0	3	3	2	25.7	16	6.0	359	22
03/11/24 03:10	0	2	2	2	25.6	16	4.6	345	29
03/11/24 03:15	0	2	2	2	25.6	16	4.5	330	30
03/11/24 03:20	0	2	2	2	25.5	16	4.0	343	31
03/11/24 03:25	0	2	2	2	25.4	16	4.9	334	27
03/11/24 03:30	0	2	2	2	25.3	17	5.5	328	28
03/11/24 03:35	0	2	2	2	25.2	17	5.2	351	29
03/11/24 03:40	0	3	3	2	25.0	17	4.6	346	27
03/11/24 03:45	0	3	3	1	24.8	18	3.3	341	33
03/11/24 03:50	0	3	3	1	24.7	18	2.2	338	42
03/11/24 03:55	0	3	3	1	24.7	18	4.0	321	27
03/11/24 04:00	0	2	2	1	24.6	19	3.0	320	33
03/11/24 04:05	0	2	2	2	24.4	19	4.7	325	29
03/11/24 04:10	0	2	2	2	24.2	19	4.9	325	28
03/11/24 04:15	0	2	2	2	24.3	19	3.0	327	38
03/11/24 04:20	0	2	2	1	24.1	20	3.8	326	32
03/11/24 04:25	0	2	2	1	24.1	19	4.6	336	31
03/11/24 04:30	0	2	2	1	24.1	20	4.4	334	29
03/11/24 04:35	0	2	2	1	24.1	20	3.1	332	33
03/11/24 04:40	0	2	2	1	24.1	20	3.4	319	31
03/11/24 04:45	0	2	2	1	24.1	20	3.5	324	33
03/11/24 04:50	0	2	2	1	24.2	20	4.0	337	33
03/11/24 04:55	0	2	2	1	24.2	20	3.0	326	31
03/11/24 05:00	0	2	3	1	24.3	20	4.2	323	24
03/11/24 05:05	0	3	3	1	24.3	20	2.8	337	34
03/11/24 05:10	0	3	3	1	24.2	20	3.4	348	31
03/11/24 05:15	0	3	3	1	24.2	20	3.4	343	33
03/11/24 05:20	0	3	3	1	24.0	21	2.6	323	34
03/11/24 05:25	0	3	3	1	24.0	20	4.0	330	27
03/11/24 05:30	0	4	4	1	24.0	21	3.2	326	27
03/11/24 05:35	0	4	3	2	24.1	21	3.3	313	33
03/11/24 05:40	0	3	3	2	24.0	21	4.0	310	26
03/11/24 05:45	0	4	4	2	24.0	22	3.4	304	25
03/11/24 05:50	0	4	4	1	23.9	22	4.4	308	20
03/11/24 05:55	0	4	4	1	23.8	22	3.7	306	22
03/11/24 06:00	0	4	4	1	23.9	22	4.7	295	16
03/11/24 06:05	0	4	5	1	24.0	22	5.2	294	13
03/11/24 06:10	0	5	6	1	23.9	23	4.2	279	23
03/11/24 06:15	1	5	6	1	21.8	53	9.5	220	8
03/11/24 06:20	0	4	5	1	19.1	74	10.7	222	5
03/11/24 06:25	0	3	3	2	18.5	78	9.7	219	4
03/11/24 06:30	0	2	2	2	18.5	77	8.3	220	5
03/11/24 06:35	0	2	2	2	18.6	76	8.3	224	4
03/11/24 06:40	0	2	2	2	18.7	75	8.0	222	4
03/11/24 06:45	0	2	2	2	18.6	76	6.7	215	5
03/11/24 06:50	0	2	2	2	18.6	76	6.2	217	7
03/11/24 06:55	0	2	2	2	18.6	75	6.3	218	7
03/11/24 07:00	0	2	2	2	18.5	76	5.9	219	6
03/11/24 07:05	0	2	2	2	18.5	76	5.9	218	6
03/11/24 07:10	0	2	2	2	18.4	77	6.0	213	5
03/11/24 07:15	0	2	2	2	18.4	74	5.8	233	12
03/11/24 07:20	1	2	3	2	18.4	73	7.4	230	7
03/11/24 07:25	1	2	2	2	18.3	75	7.5	219	5
03/11/24 07:30	0	1	2	2	18.2	75	6.5	215	4
03/11/24 07:35	0	1	1	2	18.2	75	6.3	214	6
03/11/24 07:40	0	1	1	2	18.3	74	6.4	211	6
03/11/24 07:45	0	1	1	2	18.3	73	5.9	208	8
03/11/24 07:50	0	1	1	2	18.3	72	6.0	211	5
03/11/24 07:55	0	1	1	2	18.3	70	5.6	208	6
03/11/24 08:00	0	1	1	2	18.4	69	5.8	208	6

Station Pier Ambient Air Quality Monitoring
November 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 (°)
03/11/24 08:05	0	1	1	2	18.4	67	5.6	204	8
03/11/24 08:10	1	1	2	2	18.6	67	4.9	208	9
03/11/24 08:15	0	0	1	2	18.6	64	6.5	214	7
03/11/24 08:20	0	1	1	2	18.5	67	6.2	203	6
03/11/24 08:25	0	1	1	2	18.4	67	6.3	204	5
03/11/24 08:30	0	1	1	2	18.5	64	5.9	206	7
03/11/24 08:35	0	1	1	2	18.5	61	6.6	206	7
03/11/24 08:40	0	1	1	2	18.5	64	6.5	205	7
03/11/24 08:45	0	1	1	2	18.4	65	6.7	200	6
03/11/24 08:50	0	1	1	2	18.2	67	6.7	199	5
03/11/24 08:55	0	1	1	2	18.2	66	6.4	199	5
03/11/24 09:00	0	1	1	2	18.2	68	5.9	198	4
03/11/24 09:05	1	2	2	2	18.2	69	5.4	199	4
03/11/24 09:10	1	3	4	2	18.2	68	6.4	199	4
03/11/24 09:15	2	4	6	2	18.1	69	6.2	199	3
03/11/24 09:20	1	0	1	2	18.0	68	6.5	197	4
03/11/24 09:25	1	0	1	1	18.0	67	6.1	197	4
03/11/24 09:30	1	1	1	1	18.2	67	4.8	191	7
03/11/24 09:35	1	1	1	2	18.3	65	5.3	190	6
03/11/24 09:40	1	1	2	2	18.6	65	4.2	185	9
03/11/24 09:45	1	1	2	2	18.8	64	4.7	185	9
03/11/24 09:50	1	1	3	2	18.7	64	5.0	187	7
03/11/24 09:55	1	2	3	2	18.7	63	5.2	188	6
03/11/24 10:00	1	2	3	2	18.6	65	5.2	189	7
03/11/24 10:05	1	2	3	2	18.7	64	5.0	185	11
03/11/24 10:10	1	2	3	2	18.8	63	5.2	184	7
03/11/24 10:15	1	2	4	2	18.9	64	4.6	185	11
03/11/24 10:20	2	2	4	2	19.0	62	4.8	183	9
03/11/24 10:25	2	2	4	2	19.1	61	4.9	183	9
03/11/24 10:30	1	2	4	2	19.0	60	5.3	188	8
03/11/24 10:35	3	2	5	2	18.8	61	4.8	186	8
03/11/24 10:40	2	3	5	2	19.0	62	4.7	183	9
03/11/24 10:45	2	2	4	2	19.0	61	4.9	186	10
03/11/24 10:50	2	2	4	2	19.1	59	5.1	186	9
03/11/24 10:55	1	2	4	2	19.2	60	4.7	184	10
03/11/24 11:00	1	2	4	2	19.2	60	4.5	182	9
03/11/24 11:05	1	2	4	1	19.4	59	4.1	182	12
03/11/24 11:10	2	4	6	2	19.4	59	3.6	180	14
03/11/24 11:15	3	5	8	2	19.4	58	4.3	183	11
03/11/24 11:20	5	10	15	2	19.3	60	3.7	181	12
03/11/24 11:25	4	4	8	2	20.0	59	2.6	170	18
03/11/24 11:30	3	3	7	2	20.7	56	2.3	162	22
03/11/24 11:35	1	2	3	2	20.8	55	2.2	162	24
03/11/24 11:40	1	1	2	2	20.9	55	2.3	145	28
03/11/24 11:45	0	1	2	2	20.0	55	4.2	132	14
03/11/24 11:50	0	1	1	1	19.4	58	4.0	134	13
03/11/24 11:55	0	1	1	1	19.6	58	3.2	146	18
03/11/24 12:00	0	1	2	1	19.9	55	3.3	137	19
03/11/24 12:05	0	1	1	1	19.9	56	2.7	135	23
03/11/24 12:10	0	1	1	1	20.2	57	3.1	127	22
03/11/24 12:15	0	1	1	1	19.8	55	3.4	129	13
03/11/24 12:20				1	19.9	55	2.4	148	24
03/11/24 12:25	4	2	6	2	20.5	54	2.7	162	19
03/11/24 12:30	2	3	5	2	20.9	55	2.7	165	18
03/11/24 12:35	1	2	3	2	21.0	55	2.0	165	27
03/11/24 12:40	1	1	2	2	20.7	57	3.0	147	24
03/11/24 12:45	1	0	1	2	19.7	62	4.6	137	16
03/11/24 12:50	1	0	1	2	18.8	65	5.3	129	10
03/11/24 12:55	1	0	1	2	18.7	65	4.9	126	12
03/11/24 13:00	0	0	1	2	18.6	65	4.2	133	12
03/11/24 13:05	0	0	1	2	19.1	63	2.6	144	24
03/11/24 13:10	1	1	2	2	19.4	61	2.8	151	26
03/11/24 13:15	1	2	2	2	20.0	63	2.5	162	29
03/11/24 13:20	1	1	2	2	20.2	61	2.0	155	27
03/11/24 13:25	0	1	2	2	20.3	59	2.3	149	27
03/11/24 13:30	1	1	2	2	20.3	57	2.2	158	24
03/11/24 13:35	0	1	2	2	20.8	56	1.5	155	34
03/11/24 13:40	1	1	2	2	21.0	55	1.8	165	32
03/11/24 13:45	1	1	2	2	21.0	56	1.9	152	32
03/11/24 13:50	1	1	2	2	20.7	57	2.5	162	27
03/11/24 13:55	1	2	3	2	20.4	55	3.6	182	14
03/11/24 14:00	1	2	3	2	20.3	61	2.6	160	21
03/11/24 14:05	1	2	2	2	20.5	60	2.5	161	24
03/11/24 14:10	1	1	2	2	20.5	59	2.0	156	31
03/11/24 14:15	1	1	2	2	20.6	58	2.6	155	22
03/11/24 14:20	1	1	2	2	20.4	59	2.4	159	27
03/11/24 14:25	1	1	2	2	20.5	57	2.5	156	24
03/11/24 14:30	1	2	3	2	20.7	58	3.3	168	17
03/11/24 14:35	1	2	4	2	20.6	59	3.4	176	16
03/11/24 14:40	2	2	4	2	20.4	60	3.5	175	14
03/11/24 14:45	2	3	4	2	20.5	60	3.5	176	16
03/11/24 14:50	2	4	6	2	20.3	61	4.0	176	14
03/11/24 14:55	7	7	14	2	19.8	65	4.1	181	13
03/11/24 15:00	3	3	6	2	19.7	65	4.2	177	12

Station Pier Ambient Air Quality Monitoring
November 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 (°)
03/11/24 15:05	4	5	9	2	19.5	66	4.1	174	16
03/11/24 15:10	6	6	13	2	19.3	67	4.5	179	13
03/11/24 15:15	7	9	16	1	19.3	66	4.4	183	13
03/11/24 15:20	11	8	19	1	19.1	68	4.6	181	10
03/11/24 15:25	11	6	17	1	19.1	69	4.3	179	14
03/11/24 15:30	2	1	3	1	19.3	67	3.7	174	14
03/11/24 15:35	3	3	5	1	19.3	67	4.7	182	10
03/11/24 15:40	6	5	11	2	18.9	67	5.3	182	11
03/11/24 15:45	7	4	11	2	18.8	67	5.4	179	12
03/11/24 15:50	2	3	5	2	18.6	68	5.1	180	13
03/11/24 15:55	7	9	17	2	18.8	68	4.8	180	11
03/11/24 16:00	10	5	15	2	18.8	66	5.6	182	9
03/11/24 16:05	5	3	8	2	18.7	66	5.9	180	12
03/11/24 16:10	1	1	3	2	18.5	65	5.3	176	12
03/11/24 16:15	1	7	8	2	18.7	65	4.5	176	13
03/11/24 16:20	4	5	9	2	18.8	62	4.7	176	13
03/11/24 16:25	0	1	1	2	19.2	61	4.1	169	18
03/11/24 16:30	0	1	1	2	19.3	60	4.0	175	15
03/11/24 16:35	0	1	1	2	19.1	60	4.9	177	11
03/11/24 16:40	0	1	1	2	19.0	62	3.9	171	15
03/11/24 16:45	0	1	1	2	19.1	62	4.0	167	16
03/11/24 16:50	0	1	1	2	19.1	60	3.8	165	18
03/11/24 16:55	0	1	1	2	19.1	58	4.3	165	18
03/11/24 17:00	0	1	0	2	19.2	58	3.7	165	18
03/11/24 17:05	0	1	0	2	19.2	58	3.7	162	17
03/11/24 17:10	0	0	0	2	19.1	57	3.8	166	15
03/11/24 17:15	0	0	0	2	19.2	57	3.8	164	16
03/11/24 17:20	0	1	1	2	19.2	58	3.4	167	19
03/11/24 17:25	0	1	1	2	19.3	59	3.0	163	26
03/11/24 17:30	0	1	1	2	19.3	60	2.6	164	27
03/11/24 17:35	0	1	1	2	19.3	60	3.3	162	21
03/11/24 17:40	0	1	2	2	19.0	60	3.9	161	17
03/11/24 17:45	0	1	1	2	19.0	61	3.1	166	22
03/11/24 17:50	0	1	1	2	18.9	62	3.4	159	23
03/11/24 17:55	0	0	1	2	18.7	63	3.2	162	22
03/11/24 18:00	0	0	1	2	18.8	64	3.3	172	19
03/11/24 18:05	0	0	1	2	18.7	64	3.9	162	16
03/11/24 18:10	0	0	1	2	18.5	64	3.5	169	16
03/11/24 18:15	0	0	1	2	18.3	65	3.5	156	21
03/11/24 18:20	0	0	1	2	18.1	65	2.8	154	30
03/11/24 18:25	0	0	1	2	18.0	66	2.5	157	30
03/11/24 18:30	0	1	1	2	17.8	67	3.1	161	29
03/11/24 18:35	0	1	1	2	17.8	67	4.0	160	17
03/11/24 18:40	0	1	1	2	17.6	67	3.9	162	17
03/11/24 18:45	0	2	2	2	17.5	67	3.5	174	16
03/11/24 18:50	0	2	2	2	17.4	68	3.6	169	17
03/11/24 18:55	0	3	2	2	17.3	68	3.7	166	15
03/11/24 19:00	0	3	3	2	17.3	67	3.5	161	23
03/11/24 19:05	0	2	2	2	17.2	67	4.1	165	19
03/11/24 19:10	0	2	2	2	17.3	68	3.5	164	18
03/11/24 19:15	0	2	3	2	17.2	69	3.6	162	23
03/11/24 19:20	0	2	2	2	17.1	68	3.9	163	19
03/11/24 19:25	0	2	2	2	17.1	69	3.6	168	19
03/11/24 19:30	0	1	2	2	17.2	68	3.7	169	17
03/11/24 19:35	0	1	1	2	17.1	69	3.5	168	16
03/11/24 19:40	0	1	1	2	17.1	69	4.0	165	18
03/11/24 19:45	0	1	1	2	17.0	68	4.1	160	19
03/11/24 19:50	0	1	1	2	17.1	70	3.4	165	20
03/11/24 19:55	0	1	1	2	17.0	70	3.5	160	19
03/11/24 20:00	0	1	1	2	16.9	69	3.7	165	17
03/11/24 20:05	0	1	1	2	16.9	70	3.5	163	20
03/11/24 20:10	0	1	1	2	16.9	69	3.2	161	21
03/11/24 20:15	0	1	1	2	16.9	70	3.4	154	25
03/11/24 20:20	0	1	1	2	16.8	71	3.5	158	20
03/11/24 20:25	0	1	1	2	16.8	71	2.9	154	25
03/11/24 20:30	0	1	1	2	16.8	72	3.4	160	23
03/11/24 20:35	0	1	1	2	16.7	72	2.5	161	29
03/11/24 20:40	0	1	1	2	16.7	72	3.2	150	26
03/11/24 20:45	0	1	1	2	16.6	72	2.7	154	27
03/11/24 20:50	0	1	1	2	16.5	72	2.9	149	24
03/11/24 20:55	0	1	1	2	16.5	73	3.0	164	23
03/11/24 21:00	0	1	1	2	16.6	72	2.6	158	27
03/11/24 21:05	0	1	1	2	16.5	72	3.1	144	25
03/11/24 21:10	0	1	1	2	16.6	72	2.5	153	27
03/11/24 21:15	0	1	1	2	16.6	71	2.4	155	28
03/11/24 21:20	0	1	1	2	16.5	70	3.3	152	21
03/11/24 21:25	0	1	1	2	16.6	70	3.0	154	23
03/11/24 21:30	0	1	1	2	16.5	71	2.8	150	25
03/11/24 21:35	0	1	1	2	16.4	70	3.6	139	19
03/11/24 21:40	0	1	1	2	16.5	70	2.9	157	25
03/11/24 21:45	0	1	1	2	16.4	69	2.5	151	26
03/11/24 21:50	0	1	1	2	16.4	70	2.4	166	22
03/11/24 21:55	0	1	1	2	16.4	70	2.4	164	19
03/11/24 22:00	0	1	2	2	16.4	70	2.3	165	18

Station Pier Ambient Air Quality Monitoring

November 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 (°)
03/11/24 22:05	0	1	1	2	16.4	71	2.2	158	25
03/11/24 22:10	0	1	1	2	16.5	71	2.0	169	21
03/11/24 22:15	0	1	1	2	16.6	70	1.8	151	24
03/11/24 22:20	0	1	1	2	16.5	71	2.5	174	18
03/11/24 22:25	0	1	1	2	16.5	72	2.0	157	23
03/11/24 22:30	0	1	1	2	16.4	71	2.1	150	29
03/11/24 22:35	0	1	1	2	16.4	72	2.0	154	27
03/11/24 22:40	0	1	1	2	16.5	72	2.0	154	26
03/11/24 22:45	0	1	1	2	16.4	71	2.3	144	22
03/11/24 22:50	0	1	1	2	16.5	71	2.5	145	20
03/11/24 22:55	0	1	1	2	16.4	72	2.2	157	26
03/11/24 23:00	0	1	1	2	16.6	71	2.1	182	16
03/11/24 23:05	0	1	1	2	16.6	71	2.5	198	13
03/11/24 23:10	0	2	2	2	16.4	60	3.8	244	8
03/11/24 23:15	0	3	3	2	16.4	60	4.3	243	6
03/11/24 23:20	0	6	6	2	16.4	58	3.5	237	7
03/11/24 23:25	0	11	11	2	16.3	57	4.2	240	7
03/11/24 23:30	0	7	7	2	16.2	57	4.3	235	6
03/11/24 23:35	0	5	5	2	16.2	59	4.4	228	9
03/11/24 23:40	0	4	4	2	16.2	58	4.7	230	9
03/11/24 23:45	0	3	4	2	16.1	60	4.3	234	6
03/11/24 23:50	0	2	3		16.1	61	3.6	233	8
03/11/24 23:55	0	3	3		16.0	59	3.9	245	7
04/11/24 00:00	0	4	4	2	16.0	58	4.2	244	6
04/11/24 00:05	0	5	5	2	15.9	58	3.7	245	7
04/11/24 00:10	0	6	6	2	15.9	59	3.6	239	13
04/11/24 00:15	0	8	8	2	15.9	58	3.7	233	7
04/11/24 00:20	0	10	10	2	15.8	59	4.3	236	7
04/11/24 00:25	0	9	10	2	15.7	59	4.9	235	6
04/11/24 00:30	0	9	10	2	15.7	61	4.5	237	9
04/11/24 00:35	1	10	10	2	15.7	62	5.0	241	7
04/11/24 00:40	1	9	10	2	15.7	62	4.4	239	9
04/11/24 00:45	1	9	10	2	15.7	62	4.9	240	7
04/11/24 00:50	1	9	10	2	15.7	62	5.0	244	7
04/11/24 00:55	1	9	9	2	15.8	62	5.2	238	6
04/11/24 01:00	1	9	9	2	15.8	62	4.9	239	7
04/11/24 01:05					15.7	62	4.4	243	7
04/11/24 01:10					15.6	63	4.3	245	7
04/11/24 01:15					15.6	63	4.2	244	9
04/11/24 01:20					15.6	64	3.9	243	7
04/11/24 01:25					15.5	63	4.0	249	8
04/11/24 01:30					15.6	65	4.2	246	5
04/11/24 01:35					15.4	64	4.1	239	9
04/11/24 01:40					15.4	65	3.7	246	7
04/11/24 01:45					15.4	65	4.2	246	7
04/11/24 01:50					15.4	66	4.3	250	8
04/11/24 01:55					15.4	66	4.4	243	8
04/11/24 02:00					15.2	66	4.0	246	8
04/11/24 02:05	0	8	8	2	15.3	67	3.4	245	9
04/11/24 02:10	0	7	8	2	15.3	68	4.0	245	9
04/11/24 02:15	0	7	7	2	15.3	67	3.6	240	9
04/11/24 02:20	0	7	7	2	15.3	67	3.1	255	11
04/11/24 02:25	0	7	7	2	15.3	67	3.1	244	10
04/11/24 02:30	0	7	7	1	15.2	68	3.4	241	8
04/11/24 02:35	0	7	7	2	15.2	68	3.3	249	6
04/11/24 02:40	0	7	7	2	15.2	68	3.5	245	6
04/11/24 02:45	0	7	7	2	15.1	69	3.4	243	8
04/11/24 02:50	0	6	6	2	15.2	69	3.6	244	7
04/11/24 02:55	0	6	6	2	15.1	68	3.1	249	7
04/11/24 03:00	0	6	6	2	15.1	69	3.2	243	8
04/11/24 03:05	0	6	6	2	15.1	69	3.4	246	5
04/11/24 03:10	0	6	6	2	15.1	69	3.4	247	6
04/11/24 03:15	0	5	5	2	15.1	70	3.1	242	9
04/11/24 03:20	0	5	5	2	15.0	70	3.2	242	9
04/11/24 03:25	0	5	5	2	15.0	69	3.3	240	5
04/11/24 03:30	0	5	5	2	15.1	69	3.7	249	8
04/11/24 03:35	0	4	4	2	15.1	70	3.9	255	10
04/11/24 03:40	0	4	4	2	15.0	69	4.2	248	7
04/11/24 03:45	0	5	5	2	15.1	69	4.2	249	7
04/11/24 03:50	0	5	5	2	15.0	69	4.6	253	7
04/11/24 03:55	0	4	4	2	14.9	69	4.5	249	6
04/11/24 04:00	0	4	4	2	14.8	69	4.4	250	6
04/11/24 04:05	0	4	5	2	14.7	69	4.7	248	7
04/11/24 04:10	0	6	6	2	14.7	70	4.6	249	5
04/11/24 04:15	0	6	7	2	14.7	69	4.3	248	7
04/11/24 04:20	0	6	7	2	14.7	70	4.2	250	7
04/11/24 04:25	0	7	7	2	14.7	70	3.9	254	7
04/11/24 04:30	0	7	7	2	14.6	70	3.6	252	8
04/11/24 04:35	0	7	8	2	14.6	71	2.5	263	17
04/11/24 04:40	1	10	10	2	14.6	71	3.2	262	9
04/11/24 04:45	1	12	12	2	14.6	70	3.3	261	9
04/11/24 04:50	1	15	16	1	14.5	70	3.8	256	7
04/11/24 04:55	1	18	19	2	14.5	71	3.5	258	8
04/11/24 05:00	2	19	20	2	14.5	70	3.5	261	8

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
04/11/24 05:05	2	18	20	1	14.6	70	3.2	268	10
04/11/24 05:10	20	19	40	2	14.5	71	3.3	262	13
04/11/24 05:15	13	26	39	2	14.4	70	4.0	254	10
04/11/24 05:20	7	21	27	2	14.3	71	4.1	255	9
04/11/24 05:25	4	18	22	2	14.1	70	4.0	254	6
04/11/24 05:30	6	22	28	2	14.2	72	3.8	254	8
04/11/24 05:35	8	22	30	2	14.3	71	3.4	256	10
04/11/24 05:40	8	22	30	2	14.3	72	2.8	256	15
04/11/24 05:45	8	22	31	2	14.3	71	3.5	251	8
04/11/24 05:50	10	23	33	2	14.2	71	3.6	258	11
04/11/24 05:55	10	23	34	2	14.2	72	3.5	259	10
04/11/24 06:00	10	22	32	2	14.1	71	3.6	261	9
04/11/24 06:05	9	21	31	2	14.1	71	3.3	262	14
04/11/24 06:10	9	21	30	2	14.1	70	2.1	276	17
04/11/24 06:15	9	21	30	2	14.0	70	1.8	283	17
04/11/24 06:20	8	21	29	2	14.1	71	2.4	273	15
04/11/24 06:25	7	20	27	2	14.2	72	2.4	271	11
04/11/24 06:30	6	18	24	2	14.2	72	3.0	264	12
04/11/24 06:35	6	16	22	2	14.2	72	3.9	265	11
04/11/24 06:40	6	17	23	2	14.1	71	4.4	259	8
04/11/24 06:45	7	17	24	2	14.1	72	4.0	259	9
04/11/24 06:50	7	17	24	2	14.1	72	3.1	264	10
04/11/24 06:55	7	16	23	2	14.3	71	2.9	269	10
04/11/24 07:00	7	13	20	2	14.4	70	3.2	267	9
04/11/24 07:05	7	12	19	2	14.3	70	4.5	253	10
04/11/24 07:10	7	11	18	2	14.4	70	4.7	258	9
04/11/24 07:15	6	8	15	2	14.6	69	5.8	255	7
04/11/24 07:20	5	2	7	2	14.6	69	5.6	243	5
04/11/24 07:25	4	2	6	2	14.8	69	4.1	252	8
04/11/24 07:30	4	3	7	2	15.0	67	3.6	253	7
04/11/24 07:35	3	5	8	2	15.0	66	4.2	244	8
04/11/24 07:40	3	5	8	2	15.1	65	4.2	241	13
04/11/24 07:45	3	4	7	2	15.1	66	5.3	238	6
04/11/24 07:50	2	4	6	2	15.0	67	4.2	248	10
04/11/24 07:55	2	4	6	2	15.2	67	4.0	238	10
04/11/24 08:00	2	4	7	2	15.2	66	4.2	230	7
04/11/24 08:05	2	4	6	2	15.1	66	4.3	228	6
04/11/24 08:10	2	4	5	2	15.2	67	3.5	226	14
04/11/24 08:15	1	3	5	2	15.3	65	3.7	233	9
04/11/24 08:20	1	3	5	2	15.3	65	3.7	236	12
04/11/24 08:25	1	3	4	2	15.4	64	4.0	223	6
04/11/24 08:30	1	3	5	2	15.5	61	2.8	246	11
04/11/24 08:35	2	4	5	2	15.7	61	3.4	235	19
04/11/24 08:40	2	4	6	2	15.7	58	4.3	226	6
04/11/24 08:45	1	2	3	2	15.8	58	4.2	226	11
04/11/24 08:50	1	0	2	2	15.9	58	3.9	216	8
04/11/24 08:55	1	1	2	2	16.0	60	3.7	223	10
04/11/24 09:00	1	1	2	2	16.1	59	5.1	225	5
04/11/24 09:05	1	1	2	2	16.0	58	4.9	221	10
04/11/24 09:10	1	1	2	2	16.1	58	5.4	218	7
04/11/24 09:15	1	1	2	2	16.1	61	4.4	214	10
04/11/24 09:20	1	1	2	2	16.2	57	4.2	202	7
04/11/24 09:25	20	22	42	2	16.3	55	4.6	197	8
04/11/24 09:30	21	18	39	2	16.4	57	4.2	202	8
04/11/24 09:35	14	12	25	2	16.4	60	4.3	198	8
04/11/24 09:40	5	6	12	2	16.4	58	5.1	202	8
04/11/24 09:45	31	18	49	2	16.4	57	5.1	201	6
04/11/24 09:50	12	9	21	2	16.3	58	5.3	203	5
04/11/24 09:55	3	3	6	2	16.2	61	5.1	208	8
04/11/24 10:00	0	1	1	2	16.3	61	5.3	210	6
04/11/24 10:05	4	5	9	2	16.4	61	5.1	200	8
04/11/24 10:10	7	7	15	2	16.4	58	4.6	200	7
04/11/24 10:15	21	11	32	2	16.5	58	4.1	199	8
04/11/24 10:20	26	16	42	2	16.6	58	3.8	198	9
04/11/24 10:25	34	15	49	2	16.8	58	4.0	199	7
04/11/24 10:30	19	14	33	2	16.8	59	3.5	195	10
04/11/24 10:35	12	8	20	2	17.3	58	2.6	191	10
04/11/24 10:40	7	6	13	2	17.5	57	2.8	196	11
04/11/24 10:45	7	9	15	2	17.6	58	1.9	187	15
04/11/24 10:50	9	3	12	2	18.3	55	2.4	185	13
04/11/24 10:55	5	8	13	2	18.5	54	2.0	176	17
04/11/24 11:00	5	10	15	2	18.9	52	1.8	174	27
04/11/24 11:05	18	16	34	2	18.8	53	2.2	181	20
04/11/24 11:10	7	9	16	2	18.6	52	1.8	161	24
04/11/24 11:15	4	8	12	2	18.8	52	1.8	146	25
04/11/24 11:20	3	3	6	2	18.4	52	2.8	134	16
04/11/24 11:25	2	0	2	2	18.0	54	2.9	131	11
04/11/24 11:30	1	1	2	2	17.8	55	2.7	126	15
04/11/24 11:35	1	1	2	2	17.6	56	3.0	127	12
04/11/24 11:40	1	1	2	2	17.5	59	2.2	118	18
04/11/24 11:45	2	8	10	2	17.5	57	3.1	123	13
04/11/24 11:50	1	1	2	2	17.2	58	2.7	125	17
04/11/24 11:55	1	1	2	2	17.7	58	2.2	111	19
04/11/24 12:00	1	1	2	2	18.0	55	3.6	125	12

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
04/11/24 12:05				2	17.3	58	3.1	134	18
04/11/24 12:10	1	2	4	2	17.2	60	3.1	138	18
04/11/24 12:15	1	1	2	2	17.3	61	2.6	139	22
04/11/24 12:20	1	2	3	2	17.5	60	2.9	149	23
04/11/24 12:25	1	2	3	2	17.5	59	3.5	140	22
04/11/24 12:30	1	2	3	2	17.6	60	3.2	144	21
04/11/24 12:35	1	2	3	2	17.7	58	3.0	143	19
04/11/24 12:40	1	2	3	2	17.6	59	3.5	134	17
04/11/24 12:45	1	1	2	2	17.5	58	3.6	138	13
04/11/24 12:50	1	2	2	2	17.4	60	3.3	140	18
04/11/24 12:55	1	1	1	1	17.7	60	2.7	143	23
04/11/24 13:00	3	0	3	1	17.8	59	2.7	139	24
04/11/24 13:05	0	1	2	2	17.6	58	3.4	134	16
04/11/24 13:10	1	4	5	2	17.6	60	2.5	148	24
04/11/24 13:15	9	5	14	2	17.8	59	2.7	158	24
04/11/24 13:20	24	14	38	2	18.0	60	2.6	159	21
04/11/24 13:25	18	13	31	2	18.2	60	2.6	160	24
04/11/24 13:30	32	18	50	2	18.4	61	2.7	170	19
04/11/24 13:35	30	11	41	3	18.8	59	2.8	168	20
04/11/24 13:40	11	8	19	3	19.2	56	2.2	161	23
04/11/24 13:45	7	8	15	2	19.5	55	2.3	164	23
04/11/24 13:50	22	16	39	2	19.4	55	2.7	173	20
04/11/24 13:55	39	10	49	3	19.3	56	2.3	168	21
04/11/24 14:00	21	13	34	3	19.5	55	2.1	158	27
04/11/24 14:05	16	12	28	3	19.5	55	2.4	164	23
04/11/24 14:10	30	11	41	3	19.6	55	2.4	170	20
04/11/24 14:15	35	25	60	3	19.5	55	2.7	170	20
04/11/24 14:20	73	32	104	3	19.6	55	2.9	178	17
04/11/24 14:25	81	14	94	4	19.8	55	2.5	173	19
04/11/24 14:30	77	28	105	4	19.5	55	2.7	176	18
04/11/24 14:35	85	28	113	5	19.6	55	2.4	178	19
04/11/24 14:40	92	26	118	6	19.6	56	2.8	177	19
04/11/24 14:45	57	27	84	6	19.3	56	2.6	166	23
04/11/24 14:50	38	19	57	6	19.1	57	2.8	161	22
04/11/24 14:55	20	12	32	5	19.1	57	2.6	173	18
04/11/24 15:00	55	16	71	5	19.3	58	2.5	170	23
04/11/24 15:05	28	15	44	5	19.5	56	2.7	164	21
04/11/24 15:10	55	22	77	5	19.5	56	2.9	176	16
04/11/24 15:15	74	16	90	5	19.4	55	2.6	168	21
04/11/24 15:20	30	16	46	5	19.4	55	2.6	166	22
04/11/24 15:25	17	14	31	5	19.3	56	2.6	170	17
04/11/24 15:30	40	16	56	5	19.5	57	2.3	167	22
04/11/24 15:35	47	25	72	5	19.8	55	2.8	170	15
04/11/24 15:40	33	21	54	5	19.7	55	2.6	168	20
04/11/24 15:45	72	20	93	5	19.5	57	2.7	169	19
04/11/24 15:50	46	17	63	5	19.4	56	2.6	160	22
04/11/24 15:55	81	14	95	5	19.4	57	2.7	167	21
04/11/24 16:00	96	25	121	5	19.6	56	2.7	174	21
04/11/24 16:05	168	32	200	8	19.5	56	2.9	175	20
04/11/24 16:10	164	33	196	9	19.6	56	3.0	179	19
04/11/24 16:15	280	50	330	12	19.4	57	4.1	185	11
04/11/24 16:20	325	67	392	17	18.9	60	3.9	186	12
04/11/24 16:25	302	54	356	19	19.0	60	3.6	184	12
04/11/24 16:30	295	39	335	20	18.9	60	3.7	185	9
04/11/24 16:35	381	63	445	22	18.9	60	4.0	185	10
04/11/24 16:40	276	39	315	20	19.0	60	3.9	184	12
04/11/24 16:45	288	37	325	21	18.6	61	4.3	188	10
04/11/24 16:50	242	41	283	21	18.4	62	4.5	190	7
04/11/24 16:55	129	27	156	13	18.4	64	4.5	188	8
04/11/24 17:00				13	18.7	62	4.4	187	7
04/11/24 17:05	170	22	192	15	18.6	61	4.1	186	9
04/11/24 17:10	210	39	249	16	18.5	61	4.2	186	11
04/11/24 17:15	245	46	291	18	18.7	61	4.0	184	9
04/11/24 17:20	361	29	389	24	18.7	62	4.1	183	12
04/11/24 17:25	284	33	317	19	18.8	61	4.1	185	11
04/11/24 17:30	281	38	319	20	18.6	62	4.5	187	10
04/11/24 17:35	194	14	208	17	18.4	63	4.7	186	9
04/11/24 17:40	128	26	154	16	18.2	62	4.6	185	9
04/11/24 17:45	128	63	191	15	18.2	61	4.7	188	10
04/11/24 17:50	479	22	501	17	18.3	62	4.7	185	8
04/11/24 17:55	341	42	383	30	18.1	61	5.5	186	8
04/11/24 18:00				13	18.0	63	5.0	184	11
04/11/24 18:05	17	10	27	10	18.0	65	5.4	187	8
04/11/24 18:10	27	30	58	7	17.8	66	5.3	187	8
04/11/24 18:15	206	23	229	8	17.7	64	4.7	186	10
04/11/24 18:20	237	23	260	11	17.9	65	4.1	185	9
04/11/24 18:25	503	20	523	17	17.8	64	4.3	185	10
04/11/24 18:30	417	40	457	23	17.8	67	4.3	186	10
04/11/24 18:35	554	45	599	26	17.6	67	4.3	185	13
04/11/24 18:40	558	65	622	31	17.5	67	5.3	186	9
04/11/24 18:45	451	49	500	27	17.4	69	4.0	186	12
04/11/24 18:50	629	32	660	27	17.3	69	5.4	185	8
04/11/24 18:55	643	14	658	29	17.0	70	5.9	185	8
04/11/24 19:00	697	74	771	31	16.9	70	5.4	185	7

Station Pier Ambient Air Quality Monitoring
November 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 (°)
04/11/24 19:05	634	25	659	32	16.8	72	5.2	186	9
04/11/24 19:10				33	16.8	70	5.1	186	9
04/11/24 19:15	551	86	637	33	16.9	69	5.5	184	8
04/11/24 19:20	473	61	534	33	16.9	68	5.0	186	9
04/11/24 19:25	472	49	521	33	16.7	67	5.7	186	7
04/11/24 19:30	385	45	430	31	16.8	69	4.2	178	14
04/11/24 19:35	513	36	549	29	16.8	67	5.1	184	9
04/11/24 19:40	544	75	619	33	16.8	66	4.6	183	11
04/11/24 19:45	508	66	574	34	16.8	68	4.4	183	11
04/11/24 19:50	342	49	390	30	16.8	67	3.3	180	15
04/11/24 19:55	275	49	325	26	16.7	66	3.6	179	16
04/11/24 20:00	352	28	380	24	16.7	68	3.5	179	16
04/11/24 20:05	260	39	299	23	16.7	68	3.3	174	17
04/11/24 20:10	224	18	242	21	16.6	70	3.0	172	18
04/11/24 20:15	166	36	202	18	16.6	68	3.1	167	17
04/11/24 20:20	265	30	295	18	16.5	67	2.9	179	18
04/11/24 20:25	152	26	178	18	16.6	68	2.6	172	18
04/11/24 20:30	33	13	46	15	16.6	68	2.3	161	20
04/11/24 20:35	58	13	72	12	16.6	70	2.1	168	25
04/11/24 20:40	84	29	114	11	16.5	70	2.4	175	17
04/11/24 20:45	92	28	120	11	16.5	69	2.3	158	30
04/11/24 20:50	0	1	2	9	16.3	70	2.3	119	19
04/11/24 20:55	0	2	2	8	16.1	70	2.7	123	15
04/11/24 21:00	0	2	2	7	16.1	71	3.1	124	14
04/11/24 21:05	0	2	1	6	16.1	70	2.6	119	15
04/11/24 21:10	0	2	2	5	16.1	71	3.2	108	11
04/11/24 21:15	0	2	2	5	16.1	70	3.0	108	16
04/11/24 21:20	0	2	2	5	16.0	70	3.7	95	9
04/11/24 21:25	0	2	2	5	15.8	68	3.2	88	10
04/11/24 21:30	0	3	3	4	15.7	68	3.5	91	7
04/11/24 21:35	0	3	3	4	15.5	69	3.2	92	7
04/11/24 21:40	0	3	3	4	15.4	67	2.7	85	8
04/11/24 21:45	0	3	3	4	15.3	68	2.8	95	10
04/11/24 21:50	0	3	3	4	15.4	68	2.9	97	12
04/11/24 21:55	0	3	3	4	15.4	68	3.0	88	10
04/11/24 22:00	0	3	3	4	15.4	67	3.2	88	10
04/11/24 22:05	0	4	4	4	15.3	67	2.8	90	8
04/11/24 22:10	0	4	4	4	15.4	68	3.0	96	10
04/11/24 22:15	0	4	4	4	15.4	68	3.4	89	7
04/11/24 22:20	0	4	4	4	15.2	67	2.6	91	10
04/11/24 22:25	0	4	4	3	15.3	70	2.7	98	8
04/11/24 22:30	0	3	4	3	15.3	70	2.8	96	9
04/11/24 22:35	0	3	4	3	15.3	70	3.6	98	9
04/11/24 22:40	0	3	4	3	15.2	69	2.7	93	9
04/11/24 22:45	1	4	4	3	15.0	69	2.9	90	6
04/11/24 22:50	0	4	4	3	15.1	69	2.8	92	8
04/11/24 22:55	0	4	4	3	15.0	70	2.8	90	5
04/11/24 23:00	0	4	4	3	14.9	70	2.9	93	9
04/11/24 23:05	0	4	4	3	15.0	72	2.5	95	8
04/11/24 23:10	0	4	4	2	15.0	70	2.9	92	8
04/11/24 23:15	0	4	4	2	14.8	71	2.7	90	8
04/11/24 23:20	0	4	5	2	14.8	71	2.6	95	8
04/11/24 23:25	0	5	5	2	14.8	71	2.4	100	8
04/11/24 23:30	0	5	5	2	14.8	71	2.2	88	9
04/11/24 23:35	0	5	5	2	14.7	70	2.3	85	6
04/11/24 23:40	0	6	6	2	14.6	71	2.1	86	6
04/11/24 23:45	0	6	6	2	14.6	71	1.7	91	9
04/11/24 23:50	0	7	7		14.6	72	1.5	105	12
04/11/24 23:55	0	7	7		14.7	72	1.4	102	12
05/11/24 00:00	0	7	8	2	14.6	71	1.6	89	9
05/11/24 00:05	0	8	8	2	14.5	71	1.8	88	5
05/11/24 00:10	0	8	8	2	14.5	71	1.6	77	8
05/11/24 00:15	0	8	9	2	14.4	71	1.6	81	14
05/11/24 00:20	0	9	9	2	14.4	71	1.6	66	9
05/11/24 00:25	0	9	9	2	14.4	71	1.6	70	9
05/11/24 00:30	0	9	9	2	14.4	71	1.4	82	11
05/11/24 00:35	0	9	9	2	14.3	71	1.1	84	13
05/11/24 00:40	0	8	8	2	14.3	71	1.1	90	16
05/11/24 00:45	0	8	8	2	14.3	71	1.9	86	10
05/11/24 00:50	0	8	8	2	14.1	71	2.4	87	5
05/11/24 00:55	0	8	8	2	14.1	71	2.0	86	7
05/11/24 01:00	0	8	8	2	14.2	71	1.9	88	7
05/11/24 01:05					14.2	72	1.9	85	7
05/11/24 01:10					14.1	73	1.9	98	9
05/11/24 01:15					14.2	73	1.9	89	6
05/11/24 01:20					14.1	72	2.2	88	4
05/11/24 01:25					14.1	73	2.0	92	7
05/11/24 01:30					14.0	73	1.9	87	6
05/11/24 01:35					13.9	73	1.5	87	7
05/11/24 01:40					13.9	73	1.4	81	9
05/11/24 01:45					13.9	73	1.0	72	10
05/11/24 01:50					13.8	73	1.2	86	7
05/11/24 01:55					13.8	73	1.2	89	8
05/11/24 02:00					13.8	73	1.3	85	9

Station Pier Ambient Air Quality Monitoring

November 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 (°)
05/11/24 02:05	2	7	9	2	13.8	73	1.1	86	9
05/11/24 02:10	8	4	12	2	13.7	73	0.8	79	13
05/11/24 02:15	0	7	7	2	13.8	73	1.1	88	5
05/11/24 02:20	0	6	6	2	13.7	73	1.3	79	4
05/11/24 02:25	0	6	6	2	13.6	74	1.3	77	5
05/11/24 02:30	0	7	6	2	13.4	74	1.2	64	7
05/11/24 02:35	0	7	7	2	13.4	74	1.1	68	10
05/11/24 02:40	0	7	7	2	13.4	74	1.2	70	10
05/11/24 02:45	0	6	6	2	13.5	74	1.0	91	13
05/11/24 02:50	0	6	6	2	13.5	74	1.1	84	12
05/11/24 02:55	0	6	6	2	13.6	73	0.7	74	20
05/11/24 03:00	0	6	6	2	13.4	74	0.7	59	10
05/11/24 03:05	0	6	6	2	13.4	74	1.0	71	7
05/11/24 03:10	1	6	7	2	13.3	74	1.2	79	4
05/11/24 03:15	1	7	8	2	13.3	75	1.1	78	4
05/11/24 03:20	1	7	8	2	13.1	75	1.3	80	3
05/11/24 03:25	1	7	8	2	13.1	75	1.1	90	8
05/11/24 03:30	1	7	7	2	13.1	75	1.2	96	7
05/11/24 03:35	1	7	7	2	13.1	75	1.1	17	15
05/11/24 03:40	1	7	8	2	13.0	76	1.2	30	9
05/11/24 03:45	1	8	9	2	12.7	77	1.3	33	5
05/11/24 03:50	1	10	11	2	12.6	78	1.3	19	12
05/11/24 03:55	12	20	32	2	12.5	79	1.3	346	13
05/11/24 04:00	26	23	49	2	12.5	79	1.0	326	29
05/11/24 04:05	23	23	47	2	12.5	79	1.4	336	19
05/11/24 04:10	17	22	39	2	12.4	79	1.2	353	19
05/11/24 04:15	17	21	38	2	12.3	80	1.1	335	25
05/11/24 04:20	21	18	39	2	12.2	80	1.3	326	22
05/11/24 04:25	30	19	49	2	12.1	80	1.5	350	20
05/11/24 04:30	14	19	33	2	12.0	81	1.1	17	21
05/11/24 04:35	13	19	32	2	11.8	81	0.9	11	19
05/11/24 04:40	14	20	34	2	11.8	82	1.1	323	27
05/11/24 04:45	12	20	32	2	12.0	83	1.1	300	17
05/11/24 04:50	13	19	32	2	11.9	82	1.8	291	12
05/11/24 04:55	18	18	35	2	12.0	83	1.5	293	13
05/11/24 05:00	18	20	38	2	12.0	82	2.0	303	10
05/11/24 05:05	23	22	45	2	11.9	82	1.5	306	12
05/11/24 05:10	27	21	48	2	11.9	82	1.2	312	13
05/11/24 05:15	27	21	48	2	11.9	82	1.1	316	12
05/11/24 05:20	28	21	48	2	11.8	82	1.2	318	17
05/11/24 05:25	28	21	49	2	11.8	81	0.9	359	23
05/11/24 05:30	38	20	58	2	11.9	81	1.3	352	20
05/11/24 05:35	40	21	61	3	11.9	81	1.0	325	27
05/11/24 05:40	36	20	56	2	11.9	81	1.2	308	18
05/11/24 05:45	29	22	51	3	12.0	81	1.3	291	16
05/11/24 05:50	30	22	53	3	12.0	80	1.2	300	14
05/11/24 05:55	41	21	62	3	12.0	80	1.0	315	22
05/11/24 06:00	48	20	68	3	12.1	79	1.1	316	15
05/11/24 06:05	51	20	71	3	12.2	79	1.1	317	20
05/11/24 06:10	51	21	72	3	12.4	78	1.0	320	21
05/11/24 06:15	53	22	75	3	12.6	77	0.9	331	21
05/11/24 06:20	62	23	84	3	12.7	76	1.0	322	26
05/11/24 06:25	66	23	90	4	12.9	75	1.0	331	34
05/11/24 06:30	66	23	89	4	13.0	75	1.1	326	20
05/11/24 06:35	65	23	89	5	13.1	75	1.1	325	29
05/11/24 06:40	65	24	88	5	13.1	74	1.2	324	17
05/11/24 06:45	62	23	84	5	13.4	74	1.4	296	16
05/11/24 06:50	55	22	77	5	13.4	73	1.4	302	20
05/11/24 06:55	54	21	75	5	13.7	73	1.3	296	18
05/11/24 07:00	48	23	71	5	13.7	72	1.1	293	19
05/11/24 07:05	25	22	47	5	13.9	71	1.6	290	15
05/11/24 07:10	13	15	28	5	13.9	70	1.5	292	17
05/11/24 07:15	14	16	30	5	14.0	69	1.2	293	29
05/11/24 07:20	16	17	33	5	14.3	69	0.9	320	31
05/11/24 07:25	17	17	34	5	14.7	67	1.3	341	22
05/11/24 07:30	18	17	35	5	14.8	66	1.2	287	22
05/11/24 07:35	17	17	34	5	14.7	66	1.8	275	17
05/11/24 07:40	12	12	25	5	14.7	66	1.9	258	9
05/11/24 07:45	9	11	20	5	14.9	65	1.8	265	11
05/11/24 07:50	8	11	18	5	15.1	65	1.8	252	11
05/11/24 07:55	7	10	17	4	15.0	66	1.9	236	10
05/11/24 08:00	7	10	17	5	15.0	66	2.0	238	7
05/11/24 08:05	7	12	19	5	15.1	66	1.9	237	7
05/11/24 08:10	8	12	19	5	15.3	64	2.1	228	12
05/11/24 08:15	8	12	19	5	15.5	64	2.3	223	6
05/11/24 08:20	8	11	19	4	15.6	63	2.0	220	9
05/11/24 08:25	8	11	19	4	15.7	61	1.6	214	8
05/11/24 08:30	8	11	19	4	16.1	60	1.5	204	11
05/11/24 08:35	14	13	27	4	16.3	58	1.8	203	8
05/11/24 08:40	20	17	37	5	16.6	57	1.3	199	10
05/11/24 08:45	11	12	23	4	16.7	57	1.3	198	7
05/11/24 08:50	10	12	22	4	17.0	57	1.2	197	8
05/11/24 08:55	30	25	55	4	17.3	59	1.4	187	18
05/11/24 09:00	67	26	93	4	17.8	60	1.4	175	19

Station Pier Ambient Air Quality Monitoring

November 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 (°)
05/11/24 09:05	79	25	104	5	18.2	60	1.1	167	30
05/11/24 09:10	32	13	45	5	18.3	59	1.6	147	24
05/11/24 09:15	23	18	42	5	18.3	59	1.5	162	21
05/11/24 09:20	15	14	29	4	18.4	59	1.6	157	20
05/11/24 09:25	24	19	43	4	18.5	59	1.5	159	26
05/11/24 09:30	12	14	26	4	18.4	58	1.6	155	24
05/11/24 09:35	22	12	34	4	18.4	58	1.5	155	30
05/11/24 09:40	8	9	17	4	18.5	58	1.5	153	30
05/11/24 09:45	13	15	28	4	18.6	58	1.8	153	26
05/11/24 09:50	19	13	32	4	18.4	59	1.3	152	33
05/11/24 09:55	7	9	16	3	18.5	58	2.1	154	27
05/11/24 10:00	6	8	15	3	18.6	58	1.8	161	24
05/11/24 10:05	12	18	29	3	18.6	59	1.7	161	26
05/11/24 10:10	36	13	49	3	18.7	60	1.8	167	22
05/11/24 10:15	17	15	32	3	18.7	59	1.5	164	29
05/11/24 10:20	25	18	44	3	18.8	59	1.9	169	20
05/11/24 10:25	56	12	68	4	19.1	59	1.7	178	22
05/11/24 10:30	469	67	535	10	19.2	57	2.3	182	14
05/11/24 10:35	300	81	380	25	18.7	58	2.2	185	14
05/11/24 10:40				39	18.9	58	2.7	185	11
05/11/24 10:45				16	18.8	59	2.8	184	11
05/11/24 10:50				17	18.5	61	3.3	183	8
05/11/24 10:55	62	33	94	15	18.5	62	2.8	181	11
05/11/24 11:00	69	82	151	10	18.6	61	3.1	185	9
05/11/24 11:05	64	5	69	11	18.8	61	2.8	184	10
05/11/24 11:10	31	27	58	9	18.7	60	3.2	184	8
05/11/24 11:15	4	6	10	8	18.8	61	2.5	181	14
05/11/24 11:20	3	6	9	6	19.0	60	2.6	185	12
05/11/24 11:25	3	5	8	5	19.5	57	2.0	169	22
05/11/24 11:30	2	4	6	5	19.7	57	2.1	151	25
05/11/24 11:35	2	5	6	4	19.3	58	2.4	156	24
05/11/24 11:40	2	5	7	4	19.2	60	1.9	158	29
05/11/24 11:45	2	6	9	4	19.3	61	2.4	159	25
05/11/24 11:50	3	6	9	4	19.2	61	2.1	159	24
05/11/24 11:55	6	11	16	4	19.3	60	2.2	159	27
05/11/24 12:00	7	10	16	4	19.4	61	2.3	161	23
05/11/24 12:05	9	12	21	4	19.7	61	2.2	172	19
05/11/24 12:10	8	11	19	4	19.9	61	2.0	176	18
05/11/24 12:15	4	6	10	3	20.2	59	2.2	171	21
05/11/24 12:20	3	6	8	3	20.3	58	2.4	164	22
05/11/24 12:25	3	7	10	3	20.1	59	1.9	166	27
05/11/24 12:30	3	5	8	3	20.1	60	2.0	151	27
05/11/24 12:35	3	8	11	3	20.2	59	2.2	162	21
05/11/24 12:40	4	9	13	3	20.3	59	1.9	166	26
05/11/24 12:45				3	20.4	59	1.9	170	20
05/11/24 12:50	10	13	24	4	20.6	58	1.8	161	22
05/11/24 12:55	4	7	11	4	20.7	57	2.0	160	27
05/11/24 13:00	3	7	10	3	21.0	57	1.7	169	27
05/11/24 13:05	8	12	20	3	21.2	57	2.0	186	18
05/11/24 13:10	9	13	22	3	21.3	55	2.1	177	23
05/11/24 13:15	11	15	26	3	21.4	55	2.0	182	23
05/11/24 13:20	6	6	12	3	21.4	54	2.6	160	23
05/11/24 13:25	8	9	17	3	21.3	56	2.1	166	25
05/11/24 13:30	7	10	17	3	21.3	55	2.2	165	22
05/11/24 13:35	5	9	14	3	21.4	53	2.4	163	21
05/11/24 13:40	6	15	21	3	21.5	54	2.2	170	24
05/11/24 13:45	10	18	28	3	21.8	52	2.0	166	23
05/11/24 13:50	11	16	27	3	21.9	52	2.4	158	21
05/11/24 13:55	6	10	16	2	21.8	54	2.7	161	20
05/11/24 14:00	6	14	20	3	21.8	54	2.6	160	21
05/11/24 14:05	4	7	12	3	21.7	56	2.3	159	22
05/11/24 14:10	4	11	15	3	22.0	56	2.5	169	22
05/11/24 14:15	5	8	13	3	22.0	57	2.3	163	19
05/11/24 14:20	5	9	14	3	21.9	57	2.3	168	26
05/11/24 14:25	6	12	18	2	22.1	56	2.3	167	25
05/11/24 14:30	5	11	15	3	22.1	55	2.7	160	17
05/11/24 14:35	3	7	10	2	22.1	55	2.2	160	23
05/11/24 14:40	3	8	11	2	22.1	55	2.5	163	21
05/11/24 14:45	4	12	16	2	22.1	54	2.9	158	19
05/11/24 14:50	9	25	34	2	22.0	55	2.7	159	19
05/11/24 14:55	33	34	67	2	22.1	54	2.7	166	23
05/11/24 15:00	24	24	48	3	22.2	55	3.0	161	15
05/11/24 15:05	31	28	59	2	22.1	53	3.4	161	18
05/11/24 15:10	20	28	48	3	22.0	52	3.5	166	16
05/11/24 15:15	16	24	40	3	22.0	53	3.4	164	17
05/11/24 15:20	22	29	50	3	22.1	52	3.5	164	15
05/11/24 15:25	40	38	78	3	22.0	52	3.5	163	17
05/11/24 15:30	30	38	68	3	22.0	53	3.7	161	18
05/11/24 15:35	49	31	80	3	22.0	54	3.7	162	17
05/11/24 15:40	47	35	82	4	21.7	54	4.2	158	13
05/11/24 15:45	71	48	119	5	21.7	53	3.6	166	15
05/11/24 15:50	35	34	69	5	21.7	56	3.2	162	18
05/11/24 15:55	41	34	75	5	21.8	56	3.7	161	15
05/11/24 16:00	47	47	93	6	22.0	55	3.2	161	17

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
05/11/24 16:05	71	43	114	6	22.3	54	2.9	161	19
05/11/24 16:10	88	50	137	6	22.6	53	2.8	168	19
05/11/24 16:15	89	54	143	5	22.6	52	3.6	162	17
05/11/24 16:20	101	56	157	6	22.1	53	4.3	164	16
05/11/24 16:25	157	53	209	7	22.1	53	3.0	168	18
05/11/24 16:30	201	62	263	8	22.2	54	2.3	168	24
05/11/24 16:35	77	53	130	8	22.0	56	3.8	160	16
05/11/24 16:40	53	41	94	7	21.9	57	3.9	161	14
05/11/24 16:45	83	44	127	6	21.9	59	3.5	165	18
05/11/24 16:50	44	35	79	6	22.2	59	2.8	168	22
05/11/24 16:55	24	21	44	5	22.4	54	3.4	166	16
05/11/24 17:00	19	29	48	5	22.5	55	2.2	172	21
05/11/24 17:05	31	35	66	5	22.8	58	1.7	182	23
05/11/24 17:10	35	39	74	5	22.6	56	1.4	181	28
05/11/24 17:15	56	43	100	5	22.7	53	1.7	183	23
05/11/24 17:20	40	41	81	5	23.1	50	2.2	165	21
05/11/24 17:25	53	40	93	5	22.8	54	2.9	160	18
05/11/24 17:30	127	73	200	6	22.6	54	2.0	163	22
05/11/24 17:35	61	42	103	7	22.3	57	1.9	154	23
05/11/24 17:40	48	35	83	5	22.2	58	1.9	157	24
05/11/24 17:45	3	8	11	4	22.1	61	1.7	147	25
05/11/24 17:50				4	22.0	61	1.6	133	27
05/11/24 17:55	15	18	33	3	22.0	56	2.3	148	27
05/11/24 18:00	15	21	36	3	22.1	55	2.4	162	20
05/11/24 18:05	5	16	21	4	22.0	58	2.2	158	18
05/11/24 18:10	2	9	11	4	21.7	64	1.6	137	31
05/11/24 18:15	20	35	55	4	21.7	59	2.4	174	20
05/11/24 18:20	42	35	77	4	22.4	55	3.1	173	18
05/11/24 18:25	17	23	40	5	22.5	63	2.6	194	13
05/11/24 18:30	5	24	29	4	21.7	64	1.7	185	17
05/11/24 18:35	6	10	16	4	21.6	69	4.6	220	13
05/11/24 18:40	34	4	37	4	21.0	71	2.9	203	17
05/11/24 18:45	171	37	207	5	21.5	64	2.0	177	19
05/11/24 18:50	34	33	68	5	21.9	62	1.1	176	29
05/11/24 18:55	29	20	49	5	22.2	58	1.1	170	29
05/11/24 19:00	1	12	13	5	22.6	55	1.2	173	29
05/11/24 19:05	10	28	38	5	22.8	54	0.9	178	33
05/11/24 19:10	1	11	12	5	22.9	52	2.0	142	20
05/11/24 19:15	0	7	7	5	22.8	55	2.9	126	18
05/11/24 19:20	0	7	6	4	22.7	54	4.0	107	13
05/11/24 19:25	0	6	6	4	23.0	52	4.7	103	6
05/11/24 19:30	0	6	6	4	23.0	52	4.1	96	4
05/11/24 19:35	0	6	6	4	23.1	51	3.4	94	5
05/11/24 19:40	0	7	7	3	23.0	55	3.0	96	4
05/11/24 19:45	0	8	8	3	22.7	54	3.1	96	4
05/11/24 19:50	0	9	9	3	22.6	53	2.7	93	3
05/11/24 19:55	0	10	10	3	22.5	53	2.6	93	3
05/11/24 20:00	0	10	10	3	22.6	49	2.8	92	4
05/11/24 20:05	0	9	10	3	22.7	48	2.3	90	4
05/11/24 20:10	0	10	10	3	22.6	47	1.7	87	6
05/11/24 20:15	0	10	10	3	22.5	48	1.4	87	5
05/11/24 20:20	0	11	11	3	22.4	47	1.5	73	12
05/11/24 20:25	2	11	13	2	22.4	46	1.3	76	11
05/11/24 20:30	1	14	16	2	22.4	46	1.0	74	11
05/11/24 20:35	1	19	20	2	22.3	47	0.5	69	22
05/11/24 20:40	3	22	25	2	22.1	48	0.6	60	14
05/11/24 20:45	1	21	22	2	21.9	48	0.5	11	20
05/11/24 20:50	0	20	21	2	21.8	49	0.3	70	17
05/11/24 20:55	1	20	21	2	21.6	49	0.5	61	19
05/11/24 21:00	7	25	32	2	21.6	50	0.5	40	6
05/11/24 21:05	16	33	49	2	21.5	51	0.2	336	26
05/11/24 21:10	18	35	52	2	21.4	53	0.2	334	40
05/11/24 21:15	17	35	52	3	21.3	54	0.3	58	19
05/11/24 21:20	16	36	53	3	21.3	55	0.4	36	18
05/11/24 21:25	14	35	49	3	21.2	54	1.1	36	5
05/11/24 21:30	6	29	35	3	21.1	53	0.9	25	13
05/11/24 21:35	20	29	48	3	21.0	54	0.9	27	14
05/11/24 21:40	15	33	48	3	20.9	54	1.3	9	17
05/11/24 21:45	7	33	39	3	21.1	50	1.4	4	20
05/11/24 21:50	5	32	37	3	21.6	46	1.4	354	20
05/11/24 21:55	4	28	32	3	21.9	42	1.0	5	26
05/11/24 22:00	3	23	27	3	22.2	40	1.0	11	26
05/11/24 22:05	2	22	25	3	22.4	39	1.9	0	18
05/11/24 22:10	2	21	23	3	22.7	38	1.9	6	22
05/11/24 22:15	1	17	19	3	22.8	37	1.9	1	14
05/11/24 22:20	1	16	17	3	22.9	37	1.8	9	24
05/11/24 22:25	1	14	15	3	23.0	36	1.9	2	23
05/11/24 22:30	1	13	14	3	22.9	37	2.4	1	24
05/11/24 22:35	1	13	14	3	22.8	37	1.9	12	25
05/11/24 22:40	0	13	13	3	22.7	37	2.1	17	21
05/11/24 22:45	0	13	13	2	22.7	37	2.0	10	23
05/11/24 22:50	0	12	13	2	22.6	37	2.1	5	22
05/11/24 22:55	0	12	13	3	22.6	37	2.7	6	18
05/11/24 23:00	1	12	13	2	22.7	37	3.0	5	18

Station Pier Ambient Air Quality Monitoring
November 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 (°)
05/11/24 23:05	1	12	12	2	22.6	37	2.5	2	22
05/11/24 23:10	1	11	12	2	22.6	37	1.9	5	21
05/11/24 23:15	1	11	12	2	22.3	38	2.2	2	22
05/11/24 23:20	0	11	12	3	22.2	38	1.9	4	27
05/11/24 23:25	0	11	11	3	22.2	38	2.9	1	16
05/11/24 23:30	0	11	11	3	22.1	38	2.1	8	24
05/11/24 23:35	0	11	11	3	22.0	39	2.0	4	21
05/11/24 23:40	0	11	11	3	21.9	39	1.5	7	29
05/11/24 23:45	1	11	11	3	21.8	39	1.7	7	24
05/11/24 23:50	1	11	12		21.7	39	1.9	19	19
05/11/24 23:55	1	11	11		21.7	39	2.0	14	18
06/11/24 00:00	1	11	11	3	21.6	39	2.4	18	20
06/11/24 00:05	1	10	11	3	21.8	38	2.2	12	16
06/11/24 00:10	0	10	10	2	21.8	38	2.0	0	20
06/11/24 00:15	0	10	10	2	21.7	38	1.3	8	31
06/11/24 00:20	1	10	10	2	21.6	38	1.3	3	29
06/11/24 00:25	0	9	10	2	21.5	38	1.2	11	31
06/11/24 00:30	0	9	9	2	21.6	38	2.2	6	15
06/11/24 00:35	0	8	9	2	21.7	37	1.8	3	25
06/11/24 00:40	0	8	8	2	21.9	37	1.9	1	31
06/11/24 00:45	0	7	8	2	22.0	35	2.5	5	18
06/11/24 00:50	0	7	7	2	22.2	35	2.5	357	24
06/11/24 00:55	0	6	7	2	22.3	35	2.4	356	27
06/11/24 01:00	0	6	7	2	22.1	35	2.9	3	21
06/11/24 01:05					22.1	35	2.7	360	17
06/11/24 01:10					22.1	35	2.4	9	25
06/11/24 01:15					22.2	34	3.0	4	22
06/11/24 01:20					22.5	33	2.9	12	20
06/11/24 01:25					22.8	33	3.3	3	22
06/11/24 01:30					22.8	33	3.3	4	16
06/11/24 01:35					22.6	33	3.9	8	16
06/11/24 01:40					22.6	33	3.1	11	20
06/11/24 01:45					22.5	33	3.7	3	19
06/11/24 01:50					22.5	33	4.3	2	17
06/11/24 01:55					22.6	33	4.0	7	17
06/11/24 02:00					22.5	34	3.9	14	19
06/11/24 02:05	1	5	5	1	22.5	33	3.4	13	18
06/11/24 02:10	0	5	5	1	22.3	34	3.7	9	21
06/11/24 02:15	0	4	5	1	22.2	34	3.6	11	25
06/11/24 02:20	0	4	5	1	22.1	35	2.9	9	22
06/11/24 02:25	0	4	5	1	22.0	35	3.9	18	21
06/11/24 02:30	0	4	5	2	22.0	34	3.8	15	17
06/11/24 02:35	0	4	4	1	22.0	35	3.6	11	21
06/11/24 02:40	0	4	4	1	21.9	35	3.7	4	21
06/11/24 02:45	0	4	4	2	21.9	35	3.6	6	18
06/11/24 02:50	0	5	5	2	21.7	36	3.2	7	23
06/11/24 02:55	0	5	5	2	21.6	36	3.7	8	17
06/11/24 03:00	0	5	5	2	21.5	36	2.8	11	23
06/11/24 03:05	0	5	5	2	21.6	36	3.0	10	21
06/11/24 03:10	0	5	5	2	21.5	36	3.3	9	18
06/11/24 03:15	0	6	6	2	21.7	36	3.5	13	17
06/11/24 03:20	0	6	6	2	21.7	36	3.6	14	17
06/11/24 03:25	0	6	6	2	21.7	36	2.7	6	30
06/11/24 03:30	0	6	6	2	21.8	35	3.4	9	19
06/11/24 03:35	0	6	6	1	22.0	35	3.4	7	21
06/11/24 03:40	0	6	6	2	22.1	35	2.6	11	20
06/11/24 03:45	0	6	6	1	22.2	34	3.4	11	18
06/11/24 03:50	0	6	6	1	22.3	34	2.8	3	22
06/11/24 03:55	0	6	6	1	22.6	33	3.1	10	22
06/11/24 04:00	0	6	6	1	23.2	32	3.5	9	18
06/11/24 04:05	0	5	5	1	23.6	31	3.6	17	19
06/11/24 04:10	0	5	5	1	23.6	31	3.4	5	22
06/11/24 04:15	0	5	5	1	23.5	31	3.0	5	21
06/11/24 04:20	0	5	5	2	23.3	32	3.1	5	26
06/11/24 04:25	0	5	5	2	23.1	33	2.6	338	30
06/11/24 04:30	0	10	10	1	22.5	34	2.7	318	29
06/11/24 04:35	0	19	19	2	22.0	35	2.4	359	36
06/11/24 04:40	0	16	16	2	21.9	35	2.7	349	24
06/11/24 04:45	0	13	13	2	21.8	36	2.0	7	24
06/11/24 04:50	0	11	11	2	21.7	36	3.1	15	18
06/11/24 04:55	0	10	10	2	21.7	36	3.3	16	20
06/11/24 05:00	0	9	10	2	21.8	36	4.1	11	24
06/11/24 05:05	0	9	9	2	22.0	35	5.4	18	15
06/11/24 05:10	0	9	9	2	22.0	35	4.0	13	17
06/11/24 05:15	0	9	9	1	22.1	35	3.7	7	19
06/11/24 05:20	1	9	10	1	22.0	35	2.4	12	24
06/11/24 05:25	1	10	10	1	22.0	35	2.9	10	25
06/11/24 05:30	1	10	11	1	22.2	35	3.4	10	20
06/11/24 05:35	1	10	11	1	22.3	35	3.2	13	24
06/11/24 05:40	1	10	11	1	22.4	34	2.8	1	32
06/11/24 05:45	1	10	11	1	22.7	33	3.8	10	27
06/11/24 05:50	1	10	11	1	22.7	33	4.1	14	20
06/11/24 05:55	1	10	11	1	22.8	34	3.7	14	25
06/11/24 06:00	1	10	11	2	22.7	33	5.1	9	18

Station Pier Ambient Air Quality Monitoring
November 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 (°)
06/11/24 06:05	1	10	11	2	22.6	34	4.7	11	20
06/11/24 06:10	1	10	11	2	22.7	34	3.4	8	27
06/11/24 06:15	1	11	12	2	22.8	34	3.8	9	28
06/11/24 06:20	1	11	13	2	23.1	33	3.2	5	31
06/11/24 06:25	2	12	13	2	23.2	33	3.4	9	24
06/11/24 06:30	2	12	14	2	23.2	32	3.7	3	18
06/11/24 06:35	2	12	14	2	23.5	32	3.5	1	23
06/11/24 06:40	2	12	14	2	23.8	31	3.2	356	23
06/11/24 06:45	2	12	14	1	24.1	30	4.1	9	22
06/11/24 06:50	2	12	14	1	24.5	30	3.7	9	23
06/11/24 06:55	2	12	14	1	24.5	30	3.1	11	23
06/11/24 07:00	2	12	14	1	24.7	29	3.9	10	19
06/11/24 07:05	3	12	14	2	25.0	29	4.0	11	24
06/11/24 07:10	3	12	14	2	25.1	29	5.0	2	21
06/11/24 07:15	3	11	14	2	25.1	28	4.1	12	22
06/11/24 07:20	3	11	14	2	25.3	28	4.0	12	20
06/11/24 07:25	4	11	15	1	25.3	28	4.7	12	22
06/11/24 07:30	3	11	15	2	25.5	28	5.1	19	18
06/11/24 07:35	3	11	14	2	25.8	28	5.7	16	17
06/11/24 07:40	3	11	14	1	26.3	27	5.1	17	18
06/11/24 07:45	3	10	14	1	26.5	26	6.0	21	21
06/11/24 07:50	4	10	14	1	26.9	26	5.5	10	21
06/11/24 07:55	3	10	13	2	27.1	26	4.2	5	20
06/11/24 08:00	3	10	13	2	27.2	25	4.3	2	28
06/11/24 08:05	3	10	13	2	27.2	25	4.7	2	22
06/11/24 08:10	3	10	12	2	27.3	25	4.8	2	28
06/11/24 08:15	3	9	12	2	27.4	25	4.9	352	31
06/11/24 08:20	2	9	11	2	27.7	24	5.8	11	25
06/11/24 08:25	2	8	11	2	27.5	25	4.3	8	20
06/11/24 08:30	3	9	12	2	27.6	25	5.0	6	21
06/11/24 08:35	3	9	12	2	27.8	25	5.1	3	18
06/11/24 08:40	3	9	12	2	28.1	25	4.3	2	28
06/11/24 08:45	3	9	12	2	28.1	24	3.8	343	36
06/11/24 08:50	3	8	11	2	28.2	24	5.7	360	23
06/11/24 08:55	3	8	11	2	28.2	25	6.1	3	26
06/11/24 09:00	3	8	10	2	28.1	25	5.9	1	21
06/11/24 09:05	3	7	10	2	27.9	25	5.1	359	19
06/11/24 09:10	2	7	10	2	28.1	25	4.9	345	28
06/11/24 09:15	2	7	9	2	28.3	25	4.1	354	25
06/11/24 09:20	2	7	9	2	28.3	25	5.5	348	27
06/11/24 09:25	2	7	9	2	28.4	25	5.3	350	28
06/11/24 09:30	2	7	9	2	28.5	26	2.7	308	35
06/11/24 09:35	2	7	9	2	28.5	25	4.4	333	29
06/11/24 09:40	2	7	9	2	28.4	26	4.6	334	28
06/11/24 09:45	2	7	9	2	28.3	26	3.6	318	37
06/11/24 09:50	2	7	9	2	28.1	27	3.9	337	26
06/11/24 09:55	2	7	9	2	28.3	27	3.9	348	35
06/11/24 10:00	2	7	9	2	28.4	27	3.3	341	37
06/11/24 10:05	2	7	9	2	28.8	27	3.9	341	35
06/11/24 10:10	2	7	9	2	28.9	27	3.8	335	31
06/11/24 10:15	2	7	9	2	29.1	28	2.4	332	43
06/11/24 10:20	1	8	10	2	29.0	28	2.6	344	31
06/11/24 10:25	2	9	10	2	29.0	27	3.7	349	26
06/11/24 10:30	2	9	11	2	29.1	27	3.0	331	29
06/11/24 10:35	2	9	11	2	29.3	27	4.4	348	24
06/11/24 10:40	2	10	11	2	29.4	26	4.5	350	27
06/11/24 10:45	2	10	12	2	29.5	26	3.9	351	25
06/11/24 10:50	2	11	13	2	29.6	26	2.8	347	39
06/11/24 10:55	2	11	13	2	29.9	25	4.0	351	26
06/11/24 11:00	3	11	14	2	30.2	25	3.4	352	37
06/11/24 11:05	3	11	13	2	30.4	24	3.6	334	31
06/11/24 11:10	3	10	12	2	30.4	24	5.0	334	28
06/11/24 11:15	2	9	11	2	30.6	24	4.6	343	32
06/11/24 11:20	2	8	10	2	30.9	24	4.3	344	31
06/11/24 11:25	2	8	9	2	30.9	24	3.7	323	31
06/11/24 11:30	2	7	9	2	30.9	24	5.2	315	24
06/11/24 11:35	1	7	8	2	30.9	24	3.5	329	33
06/11/24 11:40	1	7	8	2	30.9	24	4.1	324	32
06/11/24 11:45	1	7	8	2	31.2	23	4.3	328	31
06/11/24 11:50	1	6	8	2	31.4	23	4.5	338	29
06/11/24 11:55	1	6	7	2	31.6	23	2.9	323	38
06/11/24 12:00	1	6	7	2	31.8	23	5.3	299	23
06/11/24 12:05	1	6	7	2	31.9	23	4.6	333	34
06/11/24 12:10	1	6	7	2	31.9	22	4.0	335	37
06/11/24 12:15	1	6	7	2	32.1	22	4.1	340	34
06/11/24 12:20	1	5	7	2	32.1	22	4.7	324	31
06/11/24 12:25	1	5	7	2	32.4	22	3.5	319	32
06/11/24 12:30	1	5	6	2	32.5	22	5.3	328	26
06/11/24 12:35	1	5	6	1	32.7	22	5.3	298	26
06/11/24 12:40	1	5	6	1	32.4	23	5.1	301	20
06/11/24 12:45	1	5	6	2	32.6	23	3.9	321	32
06/11/24 12:50	1	5	6	2	32.9	22	3.3	316	35
06/11/24 12:55	1	5	6	2	33.1	22	4.0	340	31
06/11/24 13:00	1	5	6	2	33.5	21	4.8	350	29

Station Pier Ambient Air Quality Monitoring
November 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 (°)
06/11/24 13:05	1	5	7	2	33.6	21	4.1	312	26
06/11/24 13:10	1	5	7	2	33.3	22	3.1	299	33
06/11/24 13:15	1	5	7	2	33.5	21	4.0	334	32
06/11/24 13:20	1	6	7	1	33.6	21	3.6	323	39
06/11/24 13:25	1	6	7	1	33.9	21	2.9	346	32
06/11/24 13:30	1	6	8	1	33.8	21	4.0	312	33
06/11/24 13:35	1	6	7	1	33.5	22	4.2	307	29
06/11/24 13:40	1	6	7	1	33.4	22	3.2	324	39
06/11/24 13:45	1	6	7	1	33.0	22	5.1	322	26
06/11/24 13:50	1	5	6	1	31.4	32			
06/11/24 13:55	1	6	6	2	29.3	37			
06/11/24 14:00	1	6	7	2	29.0	38			
06/11/24 14:05	1	8	9	2	29.3	37			
06/11/24 14:10	1	10	11	2	30.0	35			
06/11/24 14:15	1	12	13	2	30.7	33			
06/11/24 14:20	2	12	14	2	31.6	30			
06/11/24 14:25	2	12	14	2	32.3	28			
06/11/24 14:30	2	11	13	2	32.6	26			
06/11/24 14:35	2	11	13	2	32.7	27			
06/11/24 14:40	2	11	13	2	32.7	26			
06/11/24 14:45	2	11	13	2	32.8	26			
06/11/24 14:50	2	11	13	2	32.8	25			
06/11/24 14:55	2	10	12	2	32.8	25			
06/11/24 15:00	2	10	12	2	32.8	26			
06/11/24 15:05	2	10	12	2	32.6	26			
06/11/24 15:10	2	11	12	2	32.6	27			
06/11/24 15:15	1	10	12	2	32.6	26			
06/11/24 15:20	1	9	11	2	32.6	26			
06/11/24 15:25	1	8	10	2	32.4	26			
06/11/24 15:30	1	8	9	2	32.5	26			
06/11/24 15:35	79	12	91	2	29.2	39			
06/11/24 15:40	214	38	252	3	22.8	63			
06/11/24 15:45	76	28	104	3	21.2	72			
06/11/24 15:50	6	8	15	3	20.8	75			
06/11/24 15:55	1	3	5	3	20.6	76			
06/11/24 16:00	1	3	5	3	20.9	76			
06/11/24 16:05	2	8	10	3	20.9	75			
06/11/24 16:10	5	8	13	3	20.7	77			
06/11/24 16:15	4	7	11	3	20.4	78			
06/11/24 16:20	4	9	13	3	20.6	78			
06/11/24 16:25	3	10	13	2	20.6	77			
06/11/24 16:30	4	13	17	3	20.5	77			
06/11/24 16:35	4	15	19	2	20.5	78			
06/11/24 16:40	5	11	16	2	20.4	78			
06/11/24 16:45	4	8	12	2	20.4	77			
06/11/24 16:50	4	10	14	2	20.2	78			
06/11/24 16:55	3	8	11	2	20.3	77			
06/11/24 17:00	3	2	4	2	20.2	78			
06/11/24 17:05	2	0	2	2	20.0	78			
06/11/24 17:10	1	0	2	2	19.8	77			
06/11/24 17:15	1	0	2	2	19.7	77			
06/11/24 17:20	1	1	1	2	19.6	77			
06/11/24 17:25	1	1	1	2	19.4	77			
06/11/24 17:30	1	1	1	2	19.5	77			
06/11/24 17:35	0	1	1	2	19.3	77			
06/11/24 17:40	0	1	1	1	19.2	77			
06/11/24 17:45	0	1	1	2	19.1	78			
06/11/24 17:50	0	2	2	1	19.0	77			
06/11/24 17:55	0	2	3	2	19.0	77			
06/11/24 18:00	0	2	2	1	19.0	77			
06/11/24 18:05	0	2	2	1	19.0	75			
06/11/24 18:10	1	2	3	2	18.9	76			
06/11/24 18:15	3	7	10	2	18.7	76			
06/11/24 18:20	3	2	5	2	18.6	76			
06/11/24 18:25	2	2	4	2	18.5	78			
06/11/24 18:30	2	7	9	2	18.4	77			
06/11/24 18:35	3	8	10	2	18.4	77			
06/11/24 18:40	2	2	3	2	18.2	76			
06/11/24 18:45	1	2	3	2	18.3	76			
06/11/24 18:50	1	6	7	2	18.1	76			
06/11/24 18:55	1	5	6	2	18.1	75			
06/11/24 19:00	1	4	5	2	18.1	75			
06/11/24 19:05	1	4	5	2	18.1	76			
06/11/24 19:10	1	4	5	2	18.1	75			
06/11/24 19:15	1	4	5	2	18.2	76			
06/11/24 19:20	0	4	5	2	18.3	75			
06/11/24 19:25	0	4	4	2	18.2	75			
06/11/24 19:30	0	3	4	2	18.1	74			
06/11/24 19:35	0	3	3	1	18.2	75			
06/11/24 19:40	0	2	2	2	18.1	75			
06/11/24 19:45	0	2	2	2	18.1	76			
06/11/24 19:50	0	2	2	2	18.1	75			
06/11/24 19:55	0	3	3	2	18.1	75			
06/11/24 20:00	0	4	4	1	18.0	75			

Station Pier Ambient Air Quality Monitoring
November 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 (°)
06/11/24 20:05	0	4	4	1	18.1	76			
06/11/24 20:10	0	4	4	1	18.0	75			
06/11/24 20:15	0	3	3	1	17.9	76			
06/11/24 20:20	0	2	3	2	17.8	76			
06/11/24 20:25	0	2	3	2	17.9	77			
06/11/24 20:30	0	2	2	2	17.8	77			
06/11/24 20:35	0	2	2	2	17.8	78			
06/11/24 20:40	0	2	2	2	17.7	78			
06/11/24 20:45	0	2	2	2	17.6	79			
06/11/24 20:50	0	1	2	2	17.6	79			
06/11/24 20:55	0	1	1	1	17.5	78			
06/11/24 21:00	0	1	1	2	17.7	79			
06/11/24 21:05	0	1	1	2	17.6	79			
06/11/24 21:10	0	1	1	2	17.6	80			
06/11/24 21:15	0	1	1	2	17.5	80			
06/11/24 21:20	0	2	2	2	17.5	79			
06/11/24 21:25	0	2	2	2	17.5	79			
06/11/24 21:30	0	2	2	1	17.4	79			
06/11/24 21:35	0	2	2	1	17.4	79			
06/11/24 21:40	0	1	1	1	17.2	78			
06/11/24 21:45	0	1	1	2	17.3	79			
06/11/24 21:50	0	1	1	2	17.4	79			
06/11/24 21:55	0	1	1	2	17.3	78			
06/11/24 22:00	0	1	1	2	17.3	79			
06/11/24 22:05	0	1	1	2	17.2	80			
06/11/24 22:10	0	1	2	2	17.3	81			
06/11/24 22:15	0	1	2	2	17.2	79			
06/11/24 22:20	0	1	2	2	17.2	81			
06/11/24 22:25	0	2	2	2	17.1	79			
06/11/24 22:30	0	2	3	2	17.2	81			
06/11/24 22:35	0	2	2	2	17.2	80			
06/11/24 22:40	0	2	2	2	17.2	79			
06/11/24 22:45	0	3	3	2	17.1	79			
06/11/24 22:50	0	4	4	1	17.1	78			
06/11/24 22:55	0	4	4	1	17.2	79			
06/11/24 23:00	0	4	5	1	17.1	79			
06/11/24 23:05	0	5	5	1	17.1	79			
06/11/24 23:10	0	5	6	1	17.2	79			
06/11/24 23:15	0	5	5	2	17.2	79			
06/11/24 23:20	0	4	5	2	17.1	78			
06/11/24 23:25	0	4	4	1	17.0	78			
06/11/24 23:30	0	4	4	2	17.1	78			
06/11/24 23:35	0	4	4	2	17.2	79			
06/11/24 23:40	0	4	4	2	17.2	78			
06/11/24 23:45	0	3	4	2	17.1	78			
06/11/24 23:50	0	3	3		17.1	78			
06/11/24 23:55	0	2	2		17.1	79			
07/11/24 00:00	0	2	2	2	17.1	79			
07/11/24 00:05	0	2	2	2	17.1	79			
07/11/24 00:10	0	2	3	2	17.0	79			
07/11/24 00:15	0	2	3	2	17.0	79			
07/11/24 00:20	0	2	3	2	16.9	79			
07/11/24 00:25	0	3	3	2	16.8	77			
07/11/24 00:30	0	2	2	2	16.7	75			
07/11/24 00:35	1	6	6	2	16.6	73			
07/11/24 00:40	2	22	23	2	16.5	74			
07/11/24 00:45	2	10	12	2	16.4	74			
07/11/24 00:50	2	7	9	2	16.3	75			
07/11/24 00:55	2	10	12	2	16.2	75			
07/11/24 01:00	3	21	24	2	16.2	76			
07/11/24 01:05					16.2	75			
07/11/24 01:10					16.2	75			
07/11/24 01:15					16.2	75			
07/11/24 01:20					16.1	75			
07/11/24 01:25					16.0	74			
07/11/24 01:30					16.0	76			
07/11/24 01:35					15.9	76			
07/11/24 01:40					15.9	77			
07/11/24 01:45					16.0	77			
07/11/24 01:50					15.9	78			
07/11/24 01:55					16.0	78			
07/11/24 02:00					15.9	78			
07/11/24 02:05	3	14	17	2	15.7	78			
07/11/24 02:10	3	14	17	2	15.7	78			
07/11/24 02:15	1	11	12	2	15.7	79			
07/11/24 02:20	1	3	4	2	15.8	80			
07/11/24 02:25	1	3	3	2	15.8	81			
07/11/24 02:30	0	3	3	2	15.7	81			
07/11/24 02:35	0	3	3	2	15.6	81			
07/11/24 02:40	1	5	5	2	15.6	82			
07/11/24 02:45	1	8	9	2	15.6	83			
07/11/24 02:50	1	8	9	2	15.5	84			
07/11/24 02:55	1	4	5	2	15.5	86			
07/11/24 03:00	1	3	3	2	15.7	86			

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
07/11/24 03:05	0	2	3	2	15.9	84			
07/11/24 03:10	1	2	2	2	16.0	83			
07/11/24 03:15	0	2	2	2	15.9	82			
07/11/24 03:20	0	1	2	2	16.0	82			
07/11/24 03:25	0	1	2	2	15.8	81			
07/11/24 03:30	0	1	1	2	15.9	81			
07/11/24 03:35	0	1	1	2	15.9	80			
07/11/24 03:40	0	1	1	2	15.9	79			
07/11/24 03:45	0	3	3	2	15.9	80			
07/11/24 03:50	0	2	2	2	15.9	80			
07/11/24 03:55	0	1	2	2	16.0	80			
07/11/24 04:00	0	1	1	2	16.0	81			
07/11/24 04:05	0	1	1	2	16.1	81			
07/11/24 04:10	0	1	2	2	16.0	81			
07/11/24 04:15	0	2	2	2	15.9	80			
07/11/24 04:20	0	2	2	2	16.0	80			
07/11/24 04:25	0	3	3	2	15.8	79			
07/11/24 04:30	0	4	4	2	15.9	79			
07/11/24 04:35	0	5	5	2	15.9	80			
07/11/24 04:40	0	4	4	2	15.7	79			
07/11/24 04:45	0	4	4	2	15.8	79			
07/11/24 04:50	0	3	3	2	15.8	78			
07/11/24 04:55	0	2	2	2	15.7	78			
07/11/24 05:00	0	2	2	2	15.7	78			
07/11/24 05:05	0	2	2	2	15.7	77			
07/11/24 05:10	17	8	25	2	15.6	77			
07/11/24 05:15	18	17	35	2	15.6	77			
07/11/24 05:20	9	8	17	2	15.6	75			
07/11/24 05:25	13	13	26	2	15.5	74			
07/11/24 05:30	5	5	10	2	15.6	75			
07/11/24 05:35	1	3	4	2	15.6	75			
07/11/24 05:40	1	2	2	2	15.6	75			
07/11/24 05:45	1	2	3	2	15.6	75			
07/11/24 05:50	1	4	5	2	15.6	75			
07/11/24 05:55	3	8	11	2	15.6	73			
07/11/24 06:00	2	3	5	2	15.5	73			
07/11/24 06:05	1	1	2	2	15.7	75			
07/11/24 06:10	1	2	3	2	15.7	74			
07/11/24 06:15	2	3	5	2	15.6	73			
07/11/24 06:20	2	4	6	2	15.6	72			
07/11/24 06:25	1	2	3	2	15.7	71			
07/11/24 06:30	2	3	5	2	15.7	71			
07/11/24 06:35	1	0	1	2	15.5	70			
07/11/24 06:40	1	0	1	2	15.6	70			
07/11/24 06:45	1	0	1	2	15.7	71			
07/11/24 06:50	3	3	6	2	15.8	70			
07/11/24 06:55	3	4	7	2	15.7	69			
07/11/24 07:00	2	1	3	2	15.8	70			
07/11/24 07:05	1	1	2	2	14.4	68			
07/11/24 07:10					15.9	68	2.2	167	25
07/11/24 07:15					15.9	68	2.3	165	20
07/11/24 07:20							1.7	164	25
07/11/24 07:25					16.1	67	2.0	152	27
07/11/24 07:30					15.9	67	2.4	167	20
07/11/24 07:35					16.0	67	2.1	165	25
07/11/24 07:40					16.0	66	2.3	163	25
07/11/24 07:45					16.0	66	1.9	163	25
07/11/24 07:50					16.1	65	2.4	165	22
07/11/24 07:55					16.3	65	2.2	176	20
07/11/24 08:00					16.3	64	2.6	172	23
07/11/24 08:05					16.3	63	1.9	166	26
07/11/24 08:10					16.3	61	1.6	132	27
07/11/24 08:15					16.6	61	1.6	161	19
07/11/24 08:20					16.8	58	1.5	158	25
07/11/24 08:25					17.0	58	1.5	157	24
07/11/24 08:30					16.8	60	2.2	147	21
07/11/24 08:35					17.0	62	2.3	170	23
07/11/24 08:40					17.3	62	2.7	180	16
07/11/24 08:45				2	17.3	61	2.0	177	19
07/11/24 08:50				2	17.7	59	1.9	169	21
07/11/24 08:55				2	17.6	58	2.2	161	19
07/11/24 09:00	8	7	15	2	17.7	59	2.3	177	18
07/11/24 09:05	3	5	8	2	17.7	58	2.2	176	17
07/11/24 09:10	4	0	5	2	17.8	55	2.3	162	18
07/11/24 09:15	4	3	7	1	17.8	56	2.0	178	20
07/11/24 09:20	8	4	11	1	18.0	57	2.3	172	20
07/11/24 09:25	9	15	24	1	18.3	57	2.2	179	20
07/11/24 09:30	27	18	46	1	18.2	56	2.2	180	17
07/11/24 09:35	3	3	7	1	18.4	53	1.8	157	25
07/11/24 09:40	1	1	2	1	18.8	51	1.9	158	26
07/11/24 09:45				2	18.5	53	2.1	178	14
07/11/24 09:50	3	2	5	2	18.4	51	2.0	160	20
07/11/24 09:55	2	3	5	1	18.4	55	2.5	181	14
07/11/24 10:00	37	30	66	2	18.1	53	1.8	174	24

Station Pier Ambient Air Quality Monitoring
November 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 (°)
07/11/24 10:05	5	2	7	2	18.4	50	1.6	155	22
07/11/24 10:10	3	9	12	1	18.4	51	2.0	140	20
07/11/24 10:15	1	1	2	1	18.3	50	2.0	160	18
07/11/24 10:20	14	11	25	1	18.5	51	1.9	157	24
07/11/24 10:25	2	1	3	1	18.4	51	1.8	162	21
07/11/24 10:30	1	1	2	1	18.5	52	1.7	163	21
07/11/24 10:35	0	1	2	1	18.5	50	1.7	142	27
07/11/24 10:40	2	6	8	1	18.5	51	2.0	153	22
07/11/24 10:45	3	0	3	1	18.7	51	1.6	151	30
07/11/24 10:50	1	2	3	1	18.7	50	1.8	150	21
07/11/24 10:55	1	1	2	1	18.7	52	1.9	181	24
07/11/24 11:00	1	2	2	1	18.7	53	2.0	189	16
07/11/24 11:05	1	3	4	1	18.6	51	1.9	175	18
07/11/24 11:10	3	3	6	1	18.5	49	2.1	168	21
07/11/24 11:15	3	2	5	1	18.8	48	1.8	167	24
07/11/24 11:20	3	3	5	1	19.1	50	2.4	168	17
07/11/24 11:25	0	1	1	2	19.1	50	2.0	173	19
07/11/24 11:30	1	1	2	1	19.0	49	2.5	159	16
07/11/24 11:35	1	2	3	1	18.8	50	2.4	175	18
07/11/24 11:40	2	2	3	1	18.8	52	2.4	169	17
07/11/24 11:45	1	6	7	1	18.7	54	2.8	185	13
07/11/24 11:50	1	2	3	1	18.6	53	2.3	168	20
07/11/24 11:55	0	1	1	1	18.9	51	2.2	152	27
07/11/24 12:00	0	1	1	1	18.8	50	2.3	142	26
07/11/24 12:05	0	1	1	1	18.5	52	2.6	166	19
07/11/24 12:10	0	1	1	1	18.8	51	2.5	153	24
07/11/24 12:15	0	1	1	1	18.8	52	1.7	156	30
07/11/24 12:20	0	1	1	1	18.8	52	2.5	162	22
07/11/24 12:25	0	1	1	1	19.1	51	2.8	165	20
07/11/24 12:30	0	1	1	1	19.3	52	2.8	168	16
07/11/24 12:35	0	1	1	1	19.5	51	2.5	173	17
07/11/24 12:40	0	1	1	1	19.3	53	2.7	174	19
07/11/24 12:45	0	1	2	1	19.4	54	2.8	180	16
07/11/24 12:50	0	1	2	1	19.0	54	3.5	185	11
07/11/24 12:55	0	1	2	1	19.1	53	2.5	165	21
07/11/24 13:00	0	1	2	1	19.5	51	2.4	159	23
07/11/24 13:05	0	1	2	1	19.7	51	2.7	160	21
07/11/24 13:10	0	1	2	1	19.7	51	2.9	161	23
07/11/24 13:15	0	1	2	1	19.7	51	3.1	160	19
07/11/24 13:20	1	1	2	1	19.8	51	2.7	160	21
07/11/24 13:25	1	1	2	1	19.9	52	3.3	165	17
07/11/24 13:30	1	1	2	1	19.9	53	3.3	180	15
07/11/24 13:35	1	1	2	1	19.3	54	3.9	181	14
07/11/24 13:40	1	1	2	1	19.3	55	3.5	182	14
07/11/24 13:45	1	1	2	1	19.4	54	4.5	182	14
07/11/24 13:50	1	1	2	1	19.1	54	3.7	176	18
07/11/24 13:55	1	1	2	1	19.1	55	4.2	182	14
07/11/24 14:00	0	1	2	1	19.3	55	3.9	172	16
07/11/24 14:05	0	1	2	1	19.4	53	4.2	179	12
07/11/24 14:10	0	1	2	1	19.2	55	4.1	182	13
07/11/24 14:15	0	1	2	1	19.0	55	4.7	177	13
07/11/24 14:20	1	1	2	1	19.0	55	3.9	173	16
07/11/24 14:25	1	1	2	1	19.5	54	3.5	177	17
07/11/24 14:30	1	1	2	1	19.4	54	3.6	178	14
07/11/24 14:35	0	1	2	1	19.0	54	3.9	172	14
07/11/24 14:40	0	1	2	1	18.8	57	3.7	177	14
07/11/24 14:45	0	1	2	1	19.0	58	3.2	167	19
07/11/24 14:50	0	1	1	1	19.0	58	2.8	160	21
07/11/24 14:55	0	1	1	1	19.4	57	3.0	177	16
07/11/24 15:00	0	1	1	1	19.4	55	3.0	160	19
07/11/24 15:05	0	1	1	1	19.5	54	2.7	159	21
07/11/24 15:10	0	1	1	1	19.5	56	3.2	164	20
07/11/24 15:15	0	1	1	1	19.6	56	3.0	163	20
07/11/24 15:20	0	1	1	1	19.7	55	2.4	156	24
07/11/24 15:25	0	2	1	1	19.7	56	2.4	168	30
07/11/24 15:30	0	2	2	1	19.7	57	3.4	165	20
07/11/24 15:35	0	2	2	1	19.7	57	3.5	168	18
07/11/24 15:40	0	2	2	1	19.6	59	3.5	170	17
07/11/24 15:45	1	2	3	1	19.3	58	3.8	177	16
07/11/24 15:50	1	3	3	1	19.1	59	3.3	171	15
07/11/24 15:55	1	3	4	1	19.3	59	3.0	171	14
07/11/24 16:00	1	3	4	1	19.4	59	2.8	174	18
07/11/24 16:05	1	4	5	1	19.6	58	2.7	171	19
07/11/24 16:10	1	3	4	1	19.8	58	2.7	163	21
07/11/24 16:15	1	2	3	1	19.9	58	2.0	165	21
07/11/24 16:20	1	2	3	1	19.9	58	2.9	177	13
07/11/24 16:25	1	4	6	1	19.5	58	3.3	183	11
07/11/24 16:30	1	5	6	1	19.5	59	2.7	183	15
07/11/24 16:35	1	4	5	1	19.3	60	3.0	190	12
07/11/24 16:40	93	25	118	1	19.3	64	3.2	190	11
07/11/24 16:45	312	15	326	3	19.0	65	3.4	193	15
07/11/24 16:50	54	16	70	5	18.9	66	5.1	203	8
07/11/24 16:55	32	31	63	4	18.9	68	5.2	205	11
07/11/24 17:00	163	43	206	5	18.6	63	5.7	177	8

Station Pier Ambient Air Quality Monitoring
November 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 (°)
07/11/24 17:05	4	12	15	4	18.6	66	4.8	178	13
07/11/24 17:10	5	23	28	4	18.7	70	3.7	186	15
07/11/24 17:15	7	19	26	3	18.8	71	3.8	186	13
07/11/24 17:20	20	18	38	2	18.7	69	3.5	182	13
07/11/24 17:25	5	10	14	2	18.7	66	3.5	181	13
07/11/24 17:30	3	7	10	2	18.9	67	3.2	170	15
07/11/24 17:35	1	3	4	2	18.9	65	2.2	160	24
07/11/24 17:40	1	3	4	2	18.9	68	2.3	175	17
07/11/24 17:45	1	4	5	2	18.9	68	2.6	179	13
07/11/24 17:50	1	3	4	2	18.7	69	3.1	182	14
07/11/24 17:55	2	5	7	2	18.5	69	3.1	188	11
07/11/24 18:00	7	8	15	2	18.3	71	4.8	205	9
07/11/24 18:05	1	4	5	1	17.8	70	5.3	213	5
07/11/24 18:10	0	5	6	1	17.5	72	4.9	208	9
07/11/24 18:15	8	14	22	1	17.3	71	4.8	205	9
07/11/24 18:20	1	6	7	1	17.4	74	5.2	204	8
07/11/24 18:25	1	4	5	2	17.4	75	5.1	208	6
07/11/24 18:30	2	5	8	2	17.4	77	4.7	212	8
07/11/24 18:35	2	3	5	2	17.3	81	6.2	219	5
07/11/24 18:40	1	1	2	2	17.1	83	5.8	214	7
07/11/24 18:45	0	2	2	2	16.9	82	5.3	220	5
07/11/24 18:50	0	2	2	2	16.8	80	4.8	225	7
07/11/24 18:55	0	2	2	1	16.8	81	4.7	219	6
07/11/24 19:00	24	9	33	1	16.8	81	3.2	200	19
07/11/24 19:05	211	14	226	2	16.7	81	3.8	185	8
07/11/24 19:10	62	14	76	3	16.6	82	4.3	200	7
07/11/24 19:15	1	2	2	2	16.5	80	3.9	204	5
07/11/24 19:20	1	5	5	2	16.4	81	3.4	208	7
07/11/24 19:25	1	7	8	2	16.5	81	2.5	214	6
07/11/24 19:30	0	7	8	2	16.3	79	1.3	191	15
07/11/24 19:35	0	4	5	1	16.2	80	0.9	146	19
07/11/24 19:40	0	3	3	1	16.2	81	1.0	187	17
07/11/24 19:45	0	3	3	2	16.2	81	1.3	219	8
07/11/24 19:50	0	4	4	1	16.3	81	2.0	222	6
07/11/24 19:55	0	4	5	1	16.3	81	2.6	226	7
07/11/24 20:00	0	3	4	2	16.5	82	3.1	224	6
07/11/24 20:05	0	3	3	1	16.4	82	2.7	221	7
07/11/24 20:10	0	2	3	1	16.3	82	2.2	232	11
07/11/24 20:15	0	2	3	2	16.3	82	1.8	243	10
07/11/24 20:20	0	2	3	2	16.3	81	1.4	243	10
07/11/24 20:25	0	3	3	2	16.3	81	1.2	249	9
07/11/24 20:30	0	3	3	1	16.2	81	0.6	204	38
07/11/24 20:35	0	3	3	1	16.1	81	0.7	17	22
07/11/24 20:40	1	6	7	1	16.0	83	1.5	19	10
07/11/24 20:45	1	14	15	1	15.8	84	1.3	18	13
07/11/24 20:50	1	17	18	1	15.8	84	1.2	9	13
07/11/24 20:55	1	18	18	1	15.7	85	0.9	14	18
07/11/24 21:00	1	18	18	1	15.6	85	1.0	337	19
07/11/24 21:05	1	18	19	1	15.6	85	1.3	356	23
07/11/24 21:10	2	25	27	1	15.6	86	1.1	350	29
07/11/24 21:15	7	30	37	1	15.5	86	0.9	336	34
07/11/24 21:20	8	27	35	1	15.5	86	1.1	332	38
07/11/24 21:25	7	26	33	1	15.4	87	1.2	346	34
07/11/24 21:30	7	26	32	1	15.3	87	1.2	348	24
07/11/24 21:35	6	25	32	1	15.3	87	1.2	351	27
07/11/24 21:40	6	25	32	1	15.3	87	1.6	353	17
07/11/24 21:45	7	26	32	1	15.3	87	1.2	337	23
07/11/24 21:50	7	26	33	1	15.3	87	1.2	315	33
07/11/24 21:55	8	26	34	1	15.4	86	1.1	350	30
07/11/24 22:00	7	27	34	2	15.3	86	1.3	330	36
07/11/24 22:05	11	25	36	2	15.4	86	1.2	312	22
07/11/24 22:10	21	23	44	2	15.3	86	1.0	342	32
07/11/24 22:15	23	26	49	2	15.3	86	1.0	344	41
07/11/24 22:20	22	27	49	2	15.3	86	1.2	333	32
07/11/24 22:25	21	27	48	2	15.2	85	1.3	348	36
07/11/24 22:30	19	27	47	2	15.2	85	1.4	343	29
07/11/24 22:35	16	27	44	2	15.3	84	2.1	353	22
07/11/24 22:40	9	29	38	2	15.2	83	2.1	357	23
07/11/24 22:45	6	27	33	2	15.3	82	1.6	351	26
07/11/24 22:50	5	25	30	2	15.4	81	1.9	347	25
07/11/24 22:55	4	25	30	2	15.4	81	1.7	356	25
07/11/24 23:00	5	25	30	2	15.4	82	1.2	328	33
07/11/24 23:05	8	26	34	2	15.4	82	1.8	304	21
07/11/24 23:10	16	30	46	2	15.4	82	1.3	315	25
07/11/24 23:15	18	30	48	2	15.4	83	3.2	262	13
07/11/24 23:20	12	29	41	1	15.6	83	4.2	261	13
07/11/24 23:25	5	25	29	1	15.1	82	2.5	312	20
07/11/24 23:30	3	24	27	2	15.0	81	2.4	300	11
07/11/24 23:35	2	24	26	2	14.9	81	2.4	304	15
07/11/24 23:40	2	23	25	2	14.9	81	2.7	304	12
07/11/24 23:45	2	23	25	2	14.8	81	2.5	300	11
07/11/24 23:50	2	23	24		14.8	80	1.9	316	17
07/11/24 23:55	2	23	24		14.8	79	2.3	312	19
08/11/24 00:00	2	22	24	2	14.9	77	2.1	317	14

Station Pier Ambient Air Quality Monitoring
November 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 (°)
08/11/24 00:05	2	21	23	2	14.9	76	2.7	317	15
08/11/24 00:10	2	20	22	2	15.0	76	2.3	315	15
08/11/24 00:15	2	19	20	2	15.0	75	3.1	307	12
08/11/24 00:20	1	17	18	2	15.0	75	3.2	294	9
08/11/24 00:25	1	14	15	2	15.2	75	2.9	285	14
08/11/24 00:30	1	14	15	2	15.2	75	2.9	292	14
08/11/24 00:35	1	14	15	2	15.1	75	2.8	288	11
08/11/24 00:40	1	14	15	2	15.1	76	2.8	277	17
08/11/24 00:45	1	14	15	2	15.2	75	5.1	259	9
08/11/24 00:50	1	14	15	2	15.6	72	6.7	252	8
08/11/24 00:55	1	12	13	2	15.8	71	7.6	249	7
08/11/24 01:00	1	11	12	2	15.8	70	7.4	250	8
08/11/24 01:05					15.7	71	7.6	246	7
08/11/24 01:10					15.7	71	8.0	251	7
08/11/24 01:15					15.6	72	7.0	259	7
08/11/24 01:20					15.5	71	7.4	258	8
08/11/24 01:25					15.3	70	8.3	254	8
08/11/24 01:30					15.3	69	8.5	250	5
08/11/24 01:35					15.2	70	7.7	252	8
08/11/24 01:40					15.1	69	7.9	254	6
08/11/24 01:45					15.1	69	7.4	252	9
08/11/24 01:50					14.9	69	7.0	250	7
08/11/24 01:55					15.0	68	7.3	254	8
08/11/24 02:00					15.0	68	7.4	252	7
08/11/24 02:05	2	10	12	2	14.9	66	7.2	252	6
08/11/24 02:10	1	10	11	2	14.9	68	5.6	256	10
08/11/24 02:15	1	10	11	2	14.9	69	4.6	260	9
08/11/24 02:20	1	10	11	2	14.8	69	4.2	267	12
08/11/24 02:25	1	9	10	2	14.7	70	3.7	267	13
08/11/24 02:30	1	8	9	2	14.6	68	4.1	271	16
08/11/24 02:35	1	6	7	2	14.5	68	3.2	274	14
08/11/24 02:40	1	5	5	2	14.2	68	3.2	282	15
08/11/24 02:45	0	4	4	2	14.2	69	3.4	282	15
08/11/24 02:50	0	4	4	2	14.2	70	3.4	274	15
08/11/24 02:55	0	4	5	2	14.2	70	2.9	281	16
08/11/24 03:00	0	6	7	2	14.1	70	2.1	284	15
08/11/24 03:05	0	9	10	2	13.8	70	2.4	296	17
08/11/24 03:10	0	8	9	2	13.6	69	3.0	299	12
08/11/24 03:15	0	8	8	2	13.5	71	2.4	294	15
08/11/24 03:20	0	9	9	1	13.5	72	1.9	293	14
08/11/24 03:25	0	9	9	2	13.4	72	2.6	303	11
08/11/24 03:30	0	9	9	2	13.3	73	2.1	293	17
08/11/24 03:35	0	9	9	2	13.4	73	2.0	292	15
08/11/24 03:40	0	10	10	2	13.3	73	2.5	303	11
08/11/24 03:45	1	12	12	2	13.2	74	1.8	295	13
08/11/24 03:50	1	15	15	2	13.2	75	2.1	296	12
08/11/24 03:55	1	17	18	2	13.1	76	1.8	287	17
08/11/24 04:00	1	18	19	2	13.3	77	2.1	284	12
08/11/24 04:05	1	17	19	2	13.1	77	2.1	288	12
08/11/24 04:10	1	16	17	2	13.0	76	2.3	296	17
08/11/24 04:15	1	15	16	2	13.0	75	2.9	300	13
08/11/24 04:20	1	15	16	2	12.8	75	2.4	303	13
08/11/24 04:25	1	15	16	2	12.9	75	2.5	305	14
08/11/24 04:30	1	15	17	2	12.8	74	2.7	303	12
08/11/24 04:35	2	16	18	2	12.8	74	2.3	306	16
08/11/24 04:40	2	16	19	2	12.8	74	2.2	303	20
08/11/24 04:45	3	17	20	2	12.9	72	2.2	302	16
08/11/24 04:50	3	17	20	2	13.0	71	1.9	312	27
08/11/24 04:55	4	18	21	2	13.0	70	1.5	325	27
08/11/24 05:00	16	23	39	2	13.0	71	1.6	346	24
08/11/24 05:05	32	23	55	2	12.8	72	1.5	348	34
08/11/24 05:10	31	22	53	2	12.7	72	1.4	345	29
08/11/24 05:15	29	22	52	2	12.7	73	1.3	337	32
08/11/24 05:20	28	23	50	2	12.7	72	1.7	351	24
08/11/24 05:25	23	25	48	2	12.9	71	1.5	346	24
08/11/24 05:30	21	26	46	2	13.1	70	1.4	346	34
08/11/24 05:35	20	25	46	2	13.2	69	2.0	345	29
08/11/24 05:40	21	25	45	2	13.2	68	2.0	346	22
08/11/24 05:45	20	24	43	2	13.3	68	1.9	343	29
08/11/24 05:50	20	22	42	2	13.3	68	1.7	321	30
08/11/24 05:55	20	22	42	2	13.1	68	1.8	319	29
08/11/24 06:00	20	21	42	3	13.2	68	1.9	322	35
08/11/24 06:05	20	21	41	3	13.3	67	2.0	329	30
08/11/24 06:10	21	21	42	3	13.5	66	2.4	341	29
08/11/24 06:15	20	20	40	3	13.6	65	2.7	334	26
08/11/24 06:20	19	20	39	3	13.8	65	1.5	313	34
08/11/24 06:25	19	19	38	3	14.0	64	1.5	334	36
08/11/24 06:30	19	19	37	3	14.2	63	2.2	324	28
08/11/24 06:35	18	18	36	3	14.3	63	1.7	332	37
08/11/24 06:40	17	18	34	3	14.4	61	2.5	329	26
08/11/24 06:45	16	17	33	3	14.6	61	2.0	307	24
08/11/24 06:50	16	17	32	3	14.8	60	2.5	321	24
08/11/24 06:55	14	15	29	3	14.9	59	2.5	302	22
08/11/24 07:00	12	12	23	3	15.1	58	2.9	320	28

Station Pier Ambient Air Quality Monitoring
November 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 (°)
08/11/24 07:05	8	9	17	3	15.1	58	3.2	328	27
08/11/24 07:10	6	8	14	3	15.1	57	3.1	325	22
08/11/24 07:15	6	9	15	3	15.4	57	2.3	323	34
08/11/24 07:20	6	9	15	3	15.6	57	1.9	320	41
08/11/24 07:25	6	9	15	2	15.7	56	3.1	297	23
08/11/24 07:30	6	9	15	2	15.8	56	3.8	302	20
08/11/24 07:35	6	9	15	2	15.8	56	3.7	300	17
08/11/24 07:40	6	9	16	2	16.0	56	3.1	301	22
08/11/24 07:45	6	9	16	3	16.1	55	5.0	299	16
08/11/24 07:50	6	8	14	3	16.0	55	5.9	300	9
08/11/24 07:55	5	7	12	2	16.0	55	5.7	298	15
08/11/24 08:00	4	6	10	2	16.1	55	5.1	297	16
08/11/24 08:05	4	7	11	2	16.3	55	5.1	298	14
08/11/24 08:10	4	7	11	2	16.4	54	4.9	300	15
08/11/24 08:15	4	7	10	3	16.4	54	3.1	306	27
08/11/24 08:20	3	7	10	3	16.6	55	3.6	289	17
08/11/24 08:25	3	7	10	3	16.8	54	4.0	295	18
08/11/24 08:30	3	7	10	3	16.9	52	4.7	301	17
08/11/24 08:35	3	6	10	2	17.1	52	4.4	294	16
08/11/24 08:40	3	6	10	2	17.3	50	3.9	294	13
08/11/24 08:45	3	6	10	2	17.6	51	3.1	296	25
08/11/24 08:50	4	7	10	3	17.6	50	3.7	301	16
08/11/24 08:55	3	7	10	2	17.5	51	4.1	287	17
08/11/24 09:00	3	7	10	2	17.3	51	4.0	297	19
08/11/24 09:05	3	7	10	2	17.3	53	5.3	273	13
08/11/24 09:10	3	8	11	2	17.3	53	6.2	279	13
08/11/24 09:15	3	9	12	2	17.4	53	7.9	269	9
08/11/24 09:20	3	7	10	2	17.3	54	7.0	267	10
08/11/24 09:25	2	7	9	2	17.2	56	8.3	266	11
08/11/24 09:30	2	7	9	2	17.1	57	6.1	270	12
08/11/24 09:35	2	8	10	3	17.0	58	6.5	265	10
08/11/24 09:40	2	8	10	3	17.0	59	9.2	260	9
08/11/24 09:45	2	7	10	2	16.9	60	7.9	271	11
08/11/24 09:50	3	8	11	2	16.7	58	7.1	269	12
08/11/24 09:55	3	10	13	2	16.9	59	8.1	259	13
08/11/24 10:00	3	8	11	2	16.9	59	5.7	272	13
08/11/24 10:05	3	8	11	2	17.0	57	6.2	272	13
08/11/24 10:10	3	9	12	2	17.1	57	6.6	274	16
08/11/24 10:15	3	9	12	2	17.4	57	8.2	262	10
08/11/24 10:20	3	8	11	2	17.2	56	7.1	273	11
08/11/24 10:25	3	8	12	2	17.2	57	7.1	273	11
08/11/24 10:30	3	6	9	2	17.1	58	6.9	269	10
08/11/24 10:35	3	5	8	2	17.0	61	9.9	261	8
08/11/24 10:40	3	5	8	2	16.7	64	9.6	263	6
08/11/24 10:45	2	4	7	2	16.0	69	9.3	255	9
08/11/24 10:50	2	5	8	2	15.3	75	10.4	245	6
08/11/24 10:55	2	6	8	2	15.0	78	5.9	268	16
08/11/24 11:00	3	6	9	2	15.1	70	6.6	278	11
08/11/24 11:05	3	8	11	2	15.2	70	5.0	279	16
08/11/24 11:10	3	8	11	2	15.1	70	5.0	280	10
08/11/24 11:15	3	7	11	2	15.1	71	4.9	281	13
08/11/24 11:20	3	7	10	2	15.4	70	4.3	278	15
08/11/24 11:25	3	7	10	2	15.7	69	4.0	279	16
08/11/24 11:30	4	7	10	2	16.1	66	4.6	280	15
08/11/24 11:35	4	6	10	2	16.3	62	5.5	272	13
08/11/24 11:40	4	6	10	2	16.6	61	4.6	273	13
08/11/24 11:45	4	6	11	2	16.9	61	3.8	272	13
08/11/24 11:50	4	6	10	2	17.1	59	4.5	269	13
08/11/24 11:55	4	6	10	2	17.3	58	6.8	261	10
08/11/24 12:00	4	5	9	3	17.5	58	5.3	266	19
08/11/24 12:05	3	5	8	2	17.7	55	5.7	281	16
08/11/24 12:10	3	4	7	2	17.9	56	5.4	261	11
08/11/24 12:15	3	4	7	2	18.1	52	6.9	271	11
08/11/24 12:20	2	3	6	2	18.3	51	7.8	264	11
08/11/24 12:25	2	3	5	2	17.0	61	8.4	249	9
08/11/24 12:30	2	3	5	2	16.1	65	6.5	251	9
08/11/24 12:35	1	4	5	2	16.4	62	6.2	259	6
08/11/24 12:40	2	5	7	2	17.0	59	8.2	246	7
08/11/24 12:45	2	6	7	2	17.1	61	6.8	261	8
08/11/24 12:50	2	6	8	2	16.7	67	10.2	248	9
08/11/24 12:55	2	6	9	2	15.6	73	7.1	244	5
08/11/24 13:00	2	7	9	2	15.8	70	6.3	246	7
08/11/24 13:05	3	7	10	2	16.1	67	8.3	241	11
08/11/24 13:10	3	6	9	2	16.2	65	8.1	239	8
08/11/24 13:15	3	4	7	2	16.5	62	7.4	237	10
08/11/24 13:20	3	4	7	2	16.8	62	8.1	242	7
08/11/24 13:25	3	4	7	3	16.8	59	7.8	240	8
08/11/24 13:30	3	3	6	3	17.0	59	6.6	239	8
08/11/24 13:35	3	5	8	2	17.3	56	7.3	249	8
08/11/24 13:40	3	4	7	2	17.5	55	7.9	240	8
08/11/24 13:45	3	3	5	2	17.6	52	9.4	241	6
08/11/24 13:50	2	2	4	2	17.7	54	9.4	250	8
08/11/24 13:55	2	3	5	2	17.6	55	9.2	252	7
08/11/24 14:00	2	3	5	3	17.6	53	8.5	256	7

Station Pier Ambient Air Quality Monitoring
November 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 (°)
08/11/24 14:05	2	3	5	3	17.8	52	8.3	248	9
08/11/24 14:10	2	3	5	2	17.9	51	7.8	233	7
08/11/24 14:15	2	3	5	2	18.0	51	7.5	228	7
08/11/24 14:20	1	2	3	2	17.9	51	8.0	222	8
08/11/24 14:25	1	1	2	2	18.1	50	7.1	226	9
08/11/24 14:30	1	1	2	2	18.3	49	7.7	227	7
08/11/24 14:35	1	4	6	2	18.3	46	8.6	246	11
08/11/24 14:40	1	3	5	2	18.5	48	7.6	249	7
08/11/24 14:45	2	4	6	3	18.6	47	8.2	245	7
08/11/24 14:50	1	4	5	2	18.5	47	8.4	251	8
08/11/24 14:55	1	4	5	2	18.4	49	9.3	252	7
08/11/24 15:00	1	4	5	3	18.2	49	9.0	243	6
08/11/24 15:05	2	4	6	3	18.2	50	8.4	250	8
08/11/24 15:10	2	5	6	2	18.2	50	7.3	238	7
08/11/24 15:15	2	5	7	2	18.4	50	7.1	233	7
08/11/24 15:20	2	4	6	2	18.3	49	6.3	228	6
08/11/24 15:25	1	3	5	2	18.5	45	7.0	235	6
08/11/24 15:30	1	3	5	2	18.7	44	6.8	237	10
08/11/24 15:35	1	3	5	2	18.9	44	7.3	233	9
08/11/24 15:40	1	3	5	2	18.8	51	7.2	200	10
08/11/24 15:45	1	4	5	2	18.5	55	6.6	201	8
08/11/24 15:50	1	1	2	2	18.7	51	8.0	215	4
08/11/24 15:55	1	0	1	2	18.8	50	9.0	211	7
08/11/24 16:00	1	0	1	2	18.5	51	9.4	202	5
08/11/24 16:05	0	0	1	2	18.6	53	8.7	203	8
08/11/24 16:10	0	0	1	2	18.8	50	9.1	215	6
08/11/24 16:15	0	1	1	2	18.7	52	8.9	214	5
08/11/24 16:20	0	1	1	2	18.5	53	7.7	207	7
08/11/24 16:25	0	1	1	2	18.7	51	9.1	214	8
08/11/24 16:30	0	1	1	2	18.7	49	9.0	213	5
08/11/24 16:35	1	1	2	2	18.9	47	9.0	224	6
08/11/24 16:40	1	1	2	2	18.9	48	9.5	214	5
08/11/24 16:45	1	1	1	2	18.7	47	9.5	214	4
08/11/24 16:50	0	1	1	2	18.7	46	9.5	212	4
08/11/24 16:55	0	1	1	2	18.8	46	8.3	209	5
08/11/24 17:00	0	1	1	2	18.8	48	8.4	212	7
08/11/24 17:05	0	1	1	2	18.8	49	8.2	212	6
08/11/24 17:10	0	1	1	2	18.8	49	9.4	215	9
08/11/24 17:15	0	1	1	2	18.7	47	8.9	224	5
08/11/24 17:20	5	5	10	2	18.7	48	7.6	207	6
08/11/24 17:25	1	4	5	3	18.5	54	6.0	194	11
08/11/24 17:30	4	2	6	2	18.2	62	5.1	190	8
08/11/24 17:35	2	4	7	2	17.9	61	5.7	190	8
08/11/24 17:40	1	1	2	2	17.9	60	5.8	187	9
08/11/24 17:45	1	1	2	2	18.1	60	5.2	186	11
08/11/24 17:50	1	1	2	2	18.2	60	5.1	185	10
08/11/24 17:55	0	1	1	2	18.0	60	4.2	183	13
08/11/24 18:00	0	2	2	3	17.9	61	4.6	186	12
08/11/24 18:05	1	2	2	3	18.0	56	6.6	198	6
08/11/24 18:10	0	1	2	2	18.1	54	7.2	210	6
08/11/24 18:15	0	1	1	2	17.9	53	7.0	215	5
08/11/24 18:20	0	1	1	2	17.8	53	8.0	214	7
08/11/24 18:25	0	1	1	2	17.8	53	7.5	213	10
08/11/24 18:30	0	1	1	2	17.8	53	7.2	210	5
08/11/24 18:35	0	1	1	2	17.7	54	7.3	217	4
08/11/24 18:40	0	1	1	2	17.7	54	7.6	217	5
08/11/24 18:45	0	1	1	3	17.7	54	6.7	212	5
08/11/24 18:50	0	1	1	2	17.7	56	7.0	214	8
08/11/24 18:55	0	1	1	2	17.6	56	7.6	206	4
08/11/24 19:00	0	1	1	2	17.4	56	7.3	202	4
08/11/24 19:05	0	7	7	2	17.4	56	6.1	206	7
08/11/24 19:10	1	2	3	2	17.3	55	6.6	212	4
08/11/24 19:15	1	2	2	2	17.3	57	7.0	204	6
08/11/24 19:20	1	7	8	2	17.2	58	7.0	202	6
08/11/24 19:25	1	0	1	2	17.2	58	7.1	211	4
08/11/24 19:30	1	0	1	2	17.2	59	6.5	210	6
08/11/24 19:35	0	1	1	2	17.2	58	7.7	212	5
08/11/24 19:40	0	1	1	2	17.1	58	7.5	213	5
08/11/24 19:45	0	1	1	2	17.0	58	6.9	226	6
08/11/24 19:50	0	1	1	2	17.0	59	7.1	216	6
08/11/24 19:55	0	1	1	2	17.0	58	7.7	214	5
08/11/24 20:00	0	1	1	2	16.8	56	8.0	226	6
08/11/24 20:05	0	1	1	2	16.7	55	8.2	228	5
08/11/24 20:10	0	1	1	2	16.7	58	7.3	222	6
08/11/24 20:15	0	1	1	2	16.8	57	7.6	222	5
08/11/24 20:20	0	1	1	2	16.8	58	7.4	225	5
08/11/24 20:25	0	1	1	2	16.7	58	7.2	221	5
08/11/24 20:30	0	1	1	2	16.6	56	7.5	227	5
08/11/24 20:35	0	1	1	2	16.6	56	7.8	228	6
08/11/24 20:40	1	10	11	2	16.3	55	6.9	230	5
08/11/24 20:45	1	2	3	2	16.3	56	6.6	232	6
08/11/24 20:50	1	3	3	2	16.3	56	6.5	234	5
08/11/24 20:55	0	3	3	2	16.2	57	6.6	233	6
08/11/24 21:00	0	3	3	3	16.0	57	6.6	235	6

Station Pier Ambient Air Quality Monitoring
November 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 (°)
08/11/24 21:05	0	3	4	3	15.8	55	7.1	234	7
08/11/24 21:10	0	4	4	2	15.9	57	7.2	236	6
08/11/24 21:15	0	3	3	2	15.9	57	6.7	230	5
08/11/24 21:20	0	2	2	2	15.9	59	6.1	230	7
08/11/24 21:25	0	2	2	3	15.8	57	5.4	235	8
08/11/24 21:30	0	3	3	3	15.8	56	5.8	235	6
08/11/24 21:35	1	7	8	3	15.8	60	5.8	228	8
08/11/24 21:40	1	2	3	2	15.7	59	6.7	232	8
08/11/24 21:45	0	2	3	3	15.5	57	6.5	234	6
08/11/24 21:50	1	9	10	3	15.4	58	4.4	240	10
08/11/24 21:55	1	14	14	3	15.3	59	4.6	252	8
08/11/24 22:00	1	13	14	3	15.2	58	4.5	243	9
08/11/24 22:05	1	13	14	3	15.1	59	4.8	246	9
08/11/24 22:10	1	13	14	3	15.0	59	5.1	243	9
08/11/24 22:15	2	14	15	3	14.9	59	5.1	244	7
08/11/24 22:20	2	13	14	3	14.8	58	5.4	245	7
08/11/24 22:25	1	11	12	3	14.7	59	5.3	245	5
08/11/24 22:30	1	11	13	3	14.5	60	4.9	245	6
08/11/24 22:35	2	13	14	3	14.6	59	4.7	246	6
08/11/24 22:40	1	13	14	3	14.6	60	4.0	251	7
08/11/24 22:45	1	13	14	3	14.5	61	4.1	250	8
08/11/24 22:50	2	13	15	3	14.4	61	3.9	254	9
08/11/24 22:55	2	13	15	3	14.3	63	3.9	251	8
08/11/24 23:00	1	13	14	3	14.3	64	4.0	247	10
08/11/24 23:05	1	13	14	3	14.2	63	4.6	252	8
08/11/24 23:10	1	12	14	3	14.2	63	4.6	246	8
08/11/24 23:15	2	13	14	3	14.1	64	4.0	252	7
08/11/24 23:20	2	13	15	3	14.2	65	4.6	256	8
08/11/24 23:25	2	14	15	3	14.1	65	3.2	262	13
08/11/24 23:30	2	14	16	3	14.1	66	2.9	267	10
08/11/24 23:35	1	13	14	2	13.9	65	2.0	276	14
08/11/24 23:40	1	11	12	3	13.8	65	1.9	277	14
08/11/24 23:45	1	8	9	3	13.7	65	2.1	278	15
08/11/24 23:50	1	7	8		13.7	65	1.8	278	12
08/11/24 23:55	1	7	8		13.7	65	1.7	277	15
09/11/24 00:00	1	7	7	3	13.7	66	1.9	279	14
09/11/24 00:05	0	7	7	2	13.6	65	1.8	281	15
09/11/24 00:10	0	8	8	2	13.5	63	1.2	316	18
09/11/24 00:15	0	10	10	2	13.3	63	1.5	329	16
09/11/24 00:20	0	12	13	2	13.2	64	1.1	308	20
09/11/24 00:25	0	15	16	2	13.2	63	1.8	306	11
09/11/24 00:30	0	17	17	2	13.2	63	2.2	302	8
09/11/24 00:35	1	17	18	2	13.1	62	2.6	306	7
09/11/24 00:40	1	17	18	2	13.1	62	2.6	307	9
09/11/24 00:45	1	18	18	2	13.0	64	2.2	295	13
09/11/24 00:50	1	17	18	2	13.0	64	2.4	291	10
09/11/24 00:55	1	16	17	2	12.9	64	2.3	291	8
09/11/24 01:00	1	15	16	2	12.8	64	1.8	302	13
09/11/24 01:05					12.6	63	2.2	304	11
09/11/24 01:10					12.6	64	1.8	304	10
09/11/24 01:15					12.6	65	1.2	311	19
09/11/24 01:20					12.6	65	1.8	306	10
09/11/24 01:25					12.5	64	2.1	303	11
09/11/24 01:30					12.5	64	2.4	304	10
09/11/24 01:35					12.5	64	2.3	306	8
09/11/24 01:40					12.6	64	2.5	306	9
09/11/24 01:45					12.5	64	2.0	304	10
09/11/24 01:50					12.5	64	2.2	300	10
09/11/24 01:55					12.4	65	1.5	306	14
09/11/24 02:00					12.4	65	1.2	352	22
09/11/24 02:05	10	22	32	2	12.0	66	1.4	351	15
09/11/24 02:10	15	22	37	2	11.9	66	0.9	353	20
09/11/24 02:15	12	23	34	2	11.8	67	1.2	354	19
09/11/24 02:20	15	23	38	2	11.8	66	1.3	335	21
09/11/24 02:25	30	22	52	2	11.9	66	1.4	322	18
09/11/24 02:30	38	24	62	2	11.9	67	1.5	318	14
09/11/24 02:35	38	21	59	3	11.9	67	1.4	322	18
09/11/24 02:40	28	23	51	3	11.8	67	1.3	314	20
09/11/24 02:45	30	23	53	3	11.8	67	1.1	318	16
09/11/24 02:50	49	19	69	3	11.7	67	1.0	324	24
09/11/24 02:55	57	23	81	3	11.6	68	0.9	332	19
09/11/24 03:00	56	23	79	3	11.6	68	0.8	349	30
09/11/24 03:05	53	23	77	3	11.5	68	1.0	348	23
09/11/24 03:10	51	24	75	3	11.4	69	1.0	348	24
09/11/24 03:15	48	23	71	3	11.3	69	1.3	354	15
09/11/24 03:20	40	24	65	3	11.2	69	1.0	346	26
09/11/24 03:25	39	25	64	3	11.2	69	1.6	356	15
09/11/24 03:30	40	24	64	3	11.1	69	1.6	357	17
09/11/24 03:35	39	24	63	3	11.1	69	1.2	349	29
09/11/24 03:40	38	24	62	3	11.1	70	1.0	343	34
09/11/24 03:45	36	24	60	3	11.1	70	1.0	322	33
09/11/24 03:50	43	22	64	3	11.1	70	1.9	317	17
09/11/24 03:55	54	22	76	4	11.0	70	1.7	318	18
09/11/24 04:00	56	24	80	4	11.0	70	1.6	315	15

Station Pier Ambient Air Quality Monitoring
November 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 (°)
09/11/24 04:05	57	24	82	4	11.0	70	1.1	331	24
09/11/24 04:10	60	25	84	5	11.0	71	1.0	338	32
09/11/24 04:15	61	24	85	4	10.9	71	1.2	321	25
09/11/24 04:20	61	23	84	5	10.8	71	1.3	318	22
09/11/24 04:25	44	24	68	5	10.8	71	1.8	320	20
09/11/24 04:30	36	22	58	4	10.9	71	1.5	318	19
09/11/24 04:35	42	22	64	4	10.8	71	0.9	348	29
09/11/24 04:40	40	22	62	4	10.6	72	1.3	345	21
09/11/24 04:45	35	22	57	4	10.6	72	1.3	331	23
09/11/24 04:50	33	22	55	4	10.6	72	1.1	325	22
09/11/24 04:55	30	19	49	4	10.6	72	1.2	314	26
09/11/24 05:00	20	20	40	4	10.5	72	1.3	317	25
09/11/24 05:05	14	23	36	3	10.5	72	1.2	333	29
09/11/24 05:10	13	22	35	3	10.5	73	1.2	323	27
09/11/24 05:15	15	22	36	3	10.5	73	1.2	320	19
09/11/24 05:20	16	22	38	3	10.4	73	1.2	347	23
09/11/24 05:25	17	21	38	3	10.3	73	1.4	322	26
09/11/24 05:30	18	21	39	3	10.4	73	1.0	341	30
09/11/24 05:35	20	20	41	3	10.3	73	1.2	351	31
09/11/24 05:40	22	20	42	3	10.5	73	1.4	339	23
09/11/24 05:45	24	19	42	3	10.6	73	1.1	346	20
09/11/24 05:50	24	19	43	3	10.6	72	1.3	359	22
09/11/24 05:55	24	19	43	3	10.7	72	1.3	337	23
09/11/24 06:00	23	19	42	3	10.7	72	1.6	322	19
09/11/24 06:05	26	19	45	3	10.8	72	1.4	348	26
09/11/24 06:10	41	17	58	3	10.8	71	1.0	346	30
09/11/24 06:15	44	20	64	3	11.2	70	0.7	322	43
09/11/24 06:20	44	20	64	3	11.3	70	1.1	327	27
09/11/24 06:25	44	20	63	3	11.5	69	1.4	315	26
09/11/24 06:30	45	20	65	3	11.5	68	1.7	316	21
09/11/24 06:35	46	20	66	4	11.5	68	1.5	317	22
09/11/24 06:40	46	20	66	4	11.7	68	1.3	312	23
09/11/24 06:45	44	20	64	4	12.0	68	2.0	301	17
09/11/24 06:50	43	20	63	4	11.9	67	2.2	305	21
09/11/24 06:55	41	20	61	4	12.0	67	1.8	308	21
09/11/24 07:00	37	20	57	4	12.2	66	1.6	304	22
09/11/24 07:05	35	21	56	4	12.4	65	1.6	305	21
09/11/24 07:10	36	22	58	4	12.7	65	1.4	296	18
09/11/24 07:15	37	22	59	4	12.9	63	2.3	297	9
09/11/24 07:20	38	23	61	4	13.0	64	1.5	293	22
09/11/24 07:25	40	23	62	5	13.5	62	1.2	315	18
09/11/24 07:30	40	23	63	5	13.7	60	1.5	309	22
09/11/24 07:35	37	24	61	5	13.9	59	1.7	296	23
09/11/24 07:40	39	24	63	5	14.2	60	1.6	300	23
09/11/24 07:45	23	18	40	5	14.3	58	2.1	287	17
09/11/24 07:50	17	16	33	5	14.4	58	2.1	288	22
09/11/24 07:55	17	16	32	5	14.6	56	1.9	311	25
09/11/24 08:00	17	16	33	5	14.9	54	2.0	350	26
09/11/24 08:05	14	12	27	4	14.8	53	1.8	319	21
09/11/24 08:10	13	15	29	4	14.7	53	1.9	323	27
09/11/24 08:15	10	12	21	4	15.0	53	0.9	289	57
09/11/24 08:20	8	11	20	4	15.3	51	1.7	304	32
09/11/24 08:25	8	11	18	4	15.1	51	2.0	292	19
09/11/24 08:30	9	11	19	4	15.5	50	0.9	11	52
09/11/24 08:35	9	9	18	3	16.0	48	1.6	338	33
09/11/24 08:40	7	8	15	4	16.0	48	1.3	321	31
09/11/24 08:45	6	8	13	3	16.0	47	1.8	347	18
09/11/24 08:50	5	6	10	3	16.2	47	1.7	293	34
09/11/24 08:55	3	2	5	3	16.1	50	1.8	276	28
09/11/24 09:00	2	2	4	3	16.1	49	1.8	278	17
09/11/24 09:05	2	3	4	2	16.0	49	2.1	262	17
09/11/24 09:10	2	3	4	2	16.0	48	2.2	292	12
09/11/24 09:15	2	3	5	2	16.2	46	1.5	285	23
09/11/24 09:20	2	4	6	2	16.3	46	1.4	294	34
09/11/24 09:25	2	4	6	3	16.8	47	1.4	286	35
09/11/24 09:30	2	4	7	2	16.7	46	1.9	264	29
09/11/24 09:35	2	4	6	2	16.8	46	0.7	242	39
09/11/24 09:40	3	5	8	3	17.4	44	0.5	296	64
09/11/24 09:45	3	5	9	3	17.3	43	1.2	254	39
09/11/24 09:50	3	5	8	3	17.1	44	2.0	205	12
09/11/24 09:55	3	5	8	3	17.2	45	2.5	215	10
09/11/24 10:00	3	4	7	3	17.2	43	1.2	252	35
09/11/24 10:05	2	4	6	2	17.2	43	3.7	262	8
09/11/24 10:10	2	3	5	2	17.2	44	4.3	248	9
09/11/24 10:15	2	3	5	2	17.2	42	2.2	260	20
09/11/24 10:20	2	3	5	2	17.3	42	2.8	260	22
09/11/24 10:25	2	3	5	2	17.6	43	1.7	245	34
09/11/24 10:30	2	3	5	2	17.7	49	1.8	150	35
09/11/24 10:35	6	3	9	2	17.4	53	3.4	186	11
09/11/24 10:40	5	3	8	2	17.5	52	2.9	168	18
09/11/24 10:45	8	2	10	2	17.7	52	3.0	182	12
09/11/24 10:50	7	8	16	3	17.7	51	2.4	168	22
09/11/24 10:55	2	5	7	2	17.9	50	2.4	169	16
09/11/24 11:00	7	10	17	2	18.0	50	2.6	168	18

Station Pier Ambient Air Quality Monitoring
November 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 (°)
09/11/24 11:05	4	5	9	2	17.9	50	2.1	165	22
09/11/24 11:10	2	4	6	2	17.9	49	2.4	162	18
09/11/24 11:15	2	4	6	2	17.9	49	2.0	162	24
09/11/24 11:20	1	3	4	2	17.8	50	2.3	165	21
09/11/24 11:25	1	3	4	2	17.7	53	2.6	176	18
09/11/24 11:30	3	2	5	2	17.4	51	2.7	171	17
09/11/24 11:35	1	4	5	2	17.2	52	2.3	175	17
09/11/24 11:40	4	10	14	2	17.0	54	3.2	186	11
09/11/24 11:45	4	5	9	3	17.1	53	2.3	177	15
09/11/24 11:50	4	6	9	3	17.4	53	2.6	179	19
09/11/24 11:55	4	5	9	3	17.4	54	2.6	179	13
09/11/24 12:00	3	5	8	2	17.3	53	2.6	180	16
09/11/24 12:05	3	4	7	2	17.6	53	2.2	175	18
09/11/24 12:10	5	5	9	2	17.8	54	2.8	180	15
09/11/24 12:15	5	5	10	2	17.8	54	2.5	179	16
09/11/24 12:20	5	3	9	2	17.8	53	2.7	180	15
09/11/24 12:25	3	3	6	2	17.6	54	3.4	186	11
09/11/24 12:30	46	31	76	3	17.4	54	4.1	192	10
09/11/24 12:35	71	17	88	4	17.4	56	3.7	189	11
09/11/24 12:40	44	24	68	4	17.5	55	4.0	188	12
09/11/24 12:45	23	11	34	3	17.7	55	3.4	185	11
09/11/24 12:50	5	6	11	3	17.9	52	2.6	176	15
09/11/24 12:55	1	4	5	3	18.1	51	2.6	173	16
09/11/24 13:00	1	4	6	3	18.3	52	2.5	176	15
09/11/24 13:05	2	5	7	2	18.4	52	2.4	167	19
09/11/24 13:10	8	1	9	2	18.5	48	2.1	159	25
09/11/24 13:15	3	4	8	2	18.3	47	2.8	141	21
09/11/24 13:20	4	5	9	2	17.8	48	3.0	139	17
09/11/24 13:25	9	12	21	2	17.5	51	2.6	123	19
09/11/24 13:30	3	5	8	2	17.7	52	4.0	105	8
09/11/24 13:35	45	6	51	3	17.4	53	5.1	103	4
09/11/24 13:40	9	3	12	3	17.5	52	2.5	113	20
09/11/24 13:45	1	3	4	3	17.6	52	2.1	173	23
09/11/24 13:50	3	4	7	2	17.7	53	3.6	196	7
09/11/24 13:55	36	16	51	2	17.6	53	3.5	196	9
09/11/24 14:00	35	11	46	3	17.5	50	3.1	189	12
09/11/24 14:05	12	11	23	3	17.7	50	2.9	180	11
09/11/24 14:10	4	7	11	3	17.8	52	2.5	183	14
09/11/24 14:15	2	4	6	3	17.8	53	2.2	179	18
09/11/24 14:20	2	6	7	3	17.9	53	2.3	178	20
09/11/24 14:25	1	5	6	2	17.9	53	1.9	171	21
09/11/24 14:30	1	3	4	2	18.1	53	1.9	168	27
09/11/24 14:35	1	2	3	2	18.1	52	2.0	157	21
09/11/24 14:40	1	4	6	2	18.4	51	1.8	146	25
09/11/24 14:45	3	7	10	2	18.3	51	2.8	138	16
09/11/24 14:50	5	7	12	2	17.9	51	2.8	131	16
09/11/24 14:55	6	4	11	2	18.0	51	2.6	136	15
09/11/24 15:00	4	2	6	2	17.9	52	2.5	133	13
09/11/24 15:05	1	2	3	2	17.9	51	1.5	144	28
09/11/24 15:10	3	5	8	2	18.1	52	1.3	151	32
09/11/24 15:15	3	3	6	2	18.3	52	1.2	169	32
09/11/24 15:20	3	4	7	2	18.5	52	1.8	169	18
09/11/24 15:25	3	5	8	2	18.4	53	2.3	190	10
09/11/24 15:30	1	3	4	2	18.2	55	2.1	183	13
09/11/24 15:35	1	4	5	2	18.1	52	1.8	170	17
09/11/24 15:40	1	4	5	2	18.2	52	1.7	163	17
09/11/24 15:45	1	4	5	2	18.3	53	1.5	161	21
09/11/24 15:50	2	4	5	2	18.5	55	1.3	174	23
09/11/24 15:55	1	3	5	2	18.5	53	0.9	146	31
09/11/24 16:00	1	5	7	2	18.6	55	1.5	182	24
09/11/24 16:05	2	5	7	2	18.6	54	1.3	161	30
09/11/24 16:10	1	1	2	2	18.7	52	1.2	135	30
09/11/24 16:15	1	1	2	2	18.6	50	1.8	132	15
09/11/24 16:20	1	1	2	2	18.6	53	1.3	165	23
09/11/24 16:25	17	14	31	2	18.8	54	1.8	184	18
09/11/24 16:30	3	4	7	2	18.8	56	1.4	183	17
09/11/24 16:35	1	4	4	2	18.9	51	1.1	160	27
09/11/24 16:40	1	3	3	2	19.0	51	1.1	161	22
09/11/24 16:45	0	2	3	2	18.9	50	0.7	149	27
09/11/24 16:50	0	2	3	2	18.9	53	1.2	182	24
09/11/24 16:55	0	2	3	2	18.6	53	1.8	205	6
09/11/24 17:00	0	2	2	2	18.3	52	2.2	208	4
09/11/24 17:05	0	3	4	2	18.2	54	1.7	204	6
09/11/24 17:10	31	34	64	2	18.3	51	0.9	171	23
09/11/24 17:15	49	24	73	3	18.6	49	1.0	151	20
09/11/24 17:20	2	10	13	2	18.7	48	0.8	140	26
09/11/24 17:25	1	8	9	2	18.9	50	1.0	140	25
09/11/24 17:30	1	3	3	2	18.8	53	2.0	149	16
09/11/24 17:35	3	30	33	2	18.6	55	1.6	139	16
09/11/24 17:40	8	20	28	2	18.4	55	1.6	137	21
09/11/24 17:45	2	11	13	2	18.4	54	1.8	131	15
09/11/24 17:50	1	2	4	2	18.3	58	0.8	160	30
09/11/24 17:55	1	9	9	2	18.4	58	1.1	190	21
09/11/24 18:00	2	21	22	2	18.5	56	1.5	187	12

Station Pier Ambient Air Quality Monitoring
November 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 (°)
09/11/24 18:05	17	29	46	2	18.5	57	1.9	189	8
09/11/24 18:10	15	30	45	3	18.5	58	2.0	185	7
09/11/24 18:15	6	18	24	3	18.6	57	2.4	185	5
09/11/24 18:20	4	19	23	2	18.6	58	1.0	171	23
09/11/24 18:25	4	17	20	3	19.0	56	1.4	169	25
09/11/24 18:30	3	21	25	3	19.3	52	0.8	138	31
09/11/24 18:35	4	15	19	3	19.2	58	1.8	96	5
09/11/24 18:40	1	4	5	3	18.7	61	1.1	110	14
09/11/24 18:45	1	6	7	3	18.6	61	1.0	109	12
09/11/24 18:50	1	11	12	3	18.6	62	0.9	97	10
09/11/24 18:55	1	12	13	3	18.3	62	0.7	79	13
09/11/24 19:00	1	13	14	2	18.2	61	0.5	80	11
09/11/24 19:05	1	15	16	2	18.1	61	0.4	50	17
09/11/24 19:10	1	17	18	2	18.0	60	0.5	40	12
09/11/24 19:15	1	19	20	3	17.9	60	0.3	35	17
09/11/24 19:20	1	20	21	3	17.9	60	0.3	65	25
09/11/24 19:25	1	20	21	3	17.8	62	0.6	105	11
09/11/24 19:30	1	19	20	2	17.8	66	1.1	99	7
09/11/24 19:35	1	13	14	2	17.7	67	1.1	92	7
09/11/24 19:40	1	10	11	2	17.6	65	0.7	86	11
09/11/24 19:45	1	20	21	2	17.6	65	0.6	101	13
09/11/24 19:50	1	29	31	2	17.5	64	1.0	145	16
09/11/24 19:55	1	15	16	3	17.5	68	1.6	166	27
09/11/24 20:00	1	3	4	3	17.5	65	1.9	181	15
09/11/24 20:05	1	3	4	3	17.6	58	3.0	185	10
09/11/24 20:10	1	4	5	2	17.7	63	2.7	173	35
09/11/24 20:15	1	4	5	2	17.9	60	2.5	144	20
09/11/24 20:20	1	4	4	2	17.9	61	1.5	152	33
09/11/24 20:25	0	4	4	2	17.8	64	1.9	160	24
09/11/24 20:30	0	3	4	2	17.8	63	1.9	164	27
09/11/24 20:35	0	4	4	2	17.6	68	2.5	172	19
09/11/24 20:40	0	6	6	2	17.5	68	2.2	160	22
09/11/24 20:45	1	6	7	2	17.4	70	2.0	158	23
09/11/24 20:50	0	5	5	2	17.3	69	1.5	151	30
09/11/24 20:55	0	3	4	2	17.3	66	3.3	130	19
09/11/24 21:00	1	3	4	2	17.2	63	5.3	102	5
09/11/24 21:05	0	4	5	3	16.8	64	4.5	104	8
09/11/24 21:10	0	4	5	2	16.6	64	4.6	104	9
09/11/24 21:15	0	4	4	2	16.5	64	3.8	109	10
09/11/24 21:20	0	4	4	3	16.3	64	4.0	105	7
09/11/24 21:25	0	4	4	2	16.2	64	2.4	114	21
09/11/24 21:30	0	4	4	2	16.1	64	3.0	123	18
09/11/24 21:35	0	4	4	2	16.0	65	2.6	118	20
09/11/24 21:40	0	3	4	2	15.9	66	2.8	116	19
09/11/24 21:45	0	3	3	2	16.0	68	2.6	110	16
09/11/24 21:50	0	3	3	2	16.0	66	2.8	112	15
09/11/24 21:55	0	3	3	2	16.0	67	1.9	110	17
09/11/24 22:00	0	3	3	2	15.9	67	3.1	108	11
09/11/24 22:05	0	3	3	2	15.8	66	3.0	106	8
09/11/24 22:10	0	3	3	1	15.8	66	2.4	104	16
09/11/24 22:15	0	3	3	2	15.7	66	1.7	111	21
09/11/24 22:20	0	3	3	2	15.7	67	2.1	104	17
09/11/24 22:25	0	3	3	2	15.7	68	2.6	103	9
09/11/24 22:30	0	3	3	2	15.6	67	2.4	100	9
09/11/24 22:35	0	3	3	2	15.4	66	1.8	90	14
09/11/24 22:40	0	3	3	2	15.2	64	1.8	85	14
09/11/24 22:45	0	4	4	2	15.1	64	2.1	84	7
09/11/24 22:50	0	4	4	2	15.1	64	1.7	84	12
09/11/24 22:55	0	5	5	2	15.1	64	1.1	90	14
09/11/24 23:00	0	5	5	2	15.0	65	0.7	83	17
09/11/24 23:05	0	5	6	2	14.8	65	0.7	88	15
09/11/24 23:10	0	5	6	2	14.9	65	0.6	96	36
09/11/24 23:15	0	6	6	2	14.9	67	1.0	218	18
09/11/24 23:20	0	6	6	2	15.2	67	1.1	201	20
09/11/24 23:25	0	6	6	2	15.1	65	0.8	182	16
09/11/24 23:30	0	7	7	2	15.0	65	1.2	164	24
09/11/24 23:35	0	8	9	2	15.1	67	0.8	190	26
09/11/24 23:40	0	9	9	2	15.1	66	0.9	141	34
09/11/24 23:45	0	11	11	2	15.1	66	0.9	114	18
09/11/24 23:50	0	12	12		15.0	65	0.9	124	18
09/11/24 23:55	0	12	12		14.9	68	1.0	172	24
10/11/24 00:00	0	12	12	2	15.1	67	1.4	189	17
10/11/24 00:05	0	11	12	2	15.3	67	1.9	183	14
10/11/24 00:10	0	11	12	2	15.2	66	1.9	198	15
10/11/24 00:15	0	10	11	2	15.5	68	2.2	203	7
10/11/24 00:20	0	8	8	2	15.7	69	2.0	196	10
10/11/24 00:25	0	4	4	2	15.7	71	1.8	224	26
10/11/24 00:30	0	4	5	2	15.4	74	3.3	241	5
10/11/24 00:35	0	6	6	2	15.0	77	3.1	243	5
10/11/24 00:40	0	8	9	2	14.8	78	2.8	244	7
10/11/24 00:45	1	18	19	2	14.7	79	2.7	250	8
10/11/24 00:50	2	19	21	2	14.6	80	2.9	243	6
10/11/24 00:55	2	17	20	2	14.7	81	2.9	249	8
10/11/24 01:00	3	24	27	2	14.5	81	3.0	259	9

Station Pier Ambient Air Quality Monitoring
November 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 (°)
10/11/24 01:05					14.4	81	1.5	278	19
10/11/24 01:10					14.1	80	1.9	286	13
10/11/24 01:15					13.8	81	1.5	283	13
10/11/24 01:20					13.8	81	2.3	286	8
10/11/24 01:25					13.8	82	1.6	282	14
10/11/24 01:30					13.7	81	1.5	321	31
10/11/24 01:35					13.4	80	1.3	344	18
10/11/24 01:40					13.2	81	1.2	343	22
10/11/24 01:45					13.4	82	0.8	332	23
10/11/24 01:50					13.2	81	1.4	325	17
10/11/24 01:55					13.3	82	1.7	307	10
10/11/24 02:00					13.2	82	1.2	296	15
10/11/24 02:05	2	16	19	2	13.2	82	1.1	294	12
10/11/24 02:10	3	18	21	2	13.3	82	1.0	315	21
10/11/24 02:15	3	17	20	2	13.1	81	1.2	352	9
10/11/24 02:20	2	17	19	2	13.0	82	1.5	348	15
10/11/24 02:25	2	17	19	2	12.9	82	1.7	335	13
10/11/24 02:30	2	18	20	2	13.0	82	2.0	334	17
10/11/24 02:35	3	18	21	2	13.1	82	1.7	305	19
10/11/24 02:40	4	19	23	2	13.1	81	1.9	342	16
10/11/24 02:45	4	19	23	2	12.9	81	1.3	334	19
10/11/24 02:50	4	19	23	3	12.8	81	1.7	342	21
10/11/24 02:55	3	19	22	3	12.8	81	1.8	324	15
10/11/24 03:00	4	19	23	3	12.7	81	1.6	329	17
10/11/24 03:05	6	19	25	3	12.6	82	1.5	327	21
10/11/24 03:10	12	19	31	3	12.6	82	1.5	320	19
10/11/24 03:15	16	19	35	3	12.6	82	1.3	319	19
10/11/24 03:20	17	20	37	3	12.5	82	1.1	322	21
10/11/24 03:25	15	20	36	3	12.4	82	1.4	329	14
10/11/24 03:30	13	19	32	3	12.4	82	0.8	347	26
10/11/24 03:35	9	20	28	3	12.2	82	1.2	358	22
10/11/24 03:40	6	20	26	3	12.2	82	1.4	352	19
10/11/24 03:45	6	19	25	3	12.1	82	1.6	354	16
10/11/24 03:50	5	19	24	3	12.2	82	1.5	344	16
10/11/24 03:55	5	19	25	2	12.1	81	1.5	324	16
10/11/24 04:00	6	19	25	3	12.1	81	1.6	318	15
10/11/24 04:05	7	20	26	2	12.2	81	1.3	305	15
10/11/24 04:10	7	19	26	2	12.2	79	1.3	312	20
10/11/24 04:15	7	19	26	3	12.2	79	1.4	323	18
10/11/24 04:20	8	19	26	2	12.1	79	1.1	354	22
10/11/24 04:25	8	19	27	2	11.9	79	0.8	356	24
10/11/24 04:30	8	19	27	2	11.9	79	1.1	6	13
10/11/24 04:35	8	19	27	2	11.8	79	1.4	7	16
10/11/24 04:40	8	19	28	3	11.7	78	1.7	10	14
10/11/24 04:45	8	19	28	3	11.9	78	1.4	350	24
10/11/24 04:50	8	19	28	3	12.1	77	1.4	295	14
10/11/24 04:55	9	20	28	3	12.2	76	1.1	296	11
10/11/24 05:00	9	20	29	3	12.4	76	0.9	302	12
10/11/24 05:05	10	20	30	2	12.3	76	0.8	321	19
10/11/24 05:10	11	20	31	3	12.2	75	1.5	348	13
10/11/24 05:15	12	20	32	3	12.1	75	1.4	345	14
10/11/24 05:20	14	20	34	3	12.1	76	1.2	330	26
10/11/24 05:25	17	19	35	3	12.2	75	1.2	349	16
10/11/24 05:30	20	17	37	3	12.2	75	1.6	354	11
10/11/24 05:35	21	17	38	3	12.2	75	0.9	353	23
10/11/24 05:40	21	18	39	3	12.3	74	1.1	346	17
10/11/24 05:45	20	19	39	2	12.4	73	0.8	343	21
10/11/24 05:50	20	19	39	2	12.7	73	1.0	326	23
10/11/24 05:55	20	19	39	3	12.8	73	1.2	336	22
10/11/24 06:00	21	18	39	3	12.8	72	0.8	357	24
10/11/24 06:05	21	18	39	3	13.0	72	1.1	316	21
10/11/24 06:10	22	18	41	3	13.1	72	0.9	295	16
10/11/24 06:15	23	19	41	3	13.2	72	1.0	286	19
10/11/24 06:20	21	19	40	3	13.2	72	1.1	282	24
10/11/24 06:25	9	16	26	3	13.4	72	0.7	303	41
10/11/24 06:30	10	15	24	3	13.4	71	1.3	335	15
10/11/24 06:35	11	14	25	3	13.6	70	1.0	319	20
10/11/24 06:40	12	14	26	3	13.8	70	1.0	309	26
10/11/24 06:45	13	14	26	3	14.1	70	1.1	285	21
10/11/24 06:50	12	13	25	3	14.3	69	1.1	265	25
10/11/24 06:55	12	13	25	3	14.3	70	1.1	264	17
10/11/24 07:00	12	13	26	4	14.5	70	1.1	284	23
10/11/24 07:05	12	13	25	4	14.7	70	1.2	281	24
10/11/24 07:10	12	13	25	3	14.7	70	1.5	239	9
10/11/24 07:15	12	13	25	3	14.8	71	1.6	259	14
10/11/24 07:20	12	13	26	3	14.8	72	1.6	231	10
10/11/24 07:25	14	16	30	4	14.8	72	2.0	220	15
10/11/24 07:30	7	8	15	3	14.9	72	1.9	224	8
10/11/24 07:35	7	8	16	3	14.9	72	1.5	211	15
10/11/24 07:40	8	9	18	3	15.4	70	1.5	195	11
10/11/24 07:45	6	9	15	3	15.6	71	2.0	204	11
10/11/24 07:50	4	5	9	3	15.5	71	2.3	196	8
10/11/24 07:55	3	4	6	3	15.7	71	2.4	201	8
10/11/24 08:00	2	2	5	3	15.5	72	2.4	200	5

Station Pier Ambient Air Quality Monitoring
November 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 (°)
10/11/24 08:05	2	2	4	3	15.3	72	1.7	201	5
10/11/24 08:10	2	2	4	3	15.5	74	2.2	199	7
10/11/24 08:15	2	2	4	3	15.7	74	1.6	203	11
10/11/24 08:20	2	2	4	3	15.6	72	0.9	215	17
10/11/24 08:25	1	2	3	3	15.8	72	1.0	208	9
10/11/24 08:30	1	2	3	3	16.1	73	1.4	195	18
10/11/24 08:35	1	2	3	3	16.5	72	1.4	184	22
10/11/24 08:40	1	2	4	3	17.0	69	1.1	168	25
10/11/24 08:45	1	2	4	3	17.4	69	1.3	173	23
10/11/24 08:50	1	3	4	3	17.4	68	1.3	179	23
10/11/24 08:55	1	2	3	3	17.7	67	1.3	180	17
10/11/24 09:00	1	2	3	3	17.8	68	2.2	186	11
10/11/24 09:05	1	2	3	3	17.6	68	1.2	175	22
10/11/24 09:10	1	2	3	3	17.7	66	1.0	155	33
10/11/24 09:15	1	1	2	3	18.0	65	1.1	163	27
10/11/24 09:20	2	1	3	3	18.4	64	0.8	155	36
10/11/24 09:25	1	2	3	3	18.7	63	1.1	155	24
10/11/24 09:30	1	2	3	3	18.5	65	1.3	171	26
10/11/24 09:35	1	2	3	3	18.7	63	1.1	144	29
10/11/24 09:40	1	2	3	3	18.9	62	1.0	143	22
10/11/24 09:45	1	2	3	3	19.2	62	1.1	151	26
10/11/24 09:50	1	2	3	3	19.2	62	1.2	153	29
10/11/24 09:55	35	11	46	3	19.0	59	1.4	153	25
10/11/24 10:00	15	10	25	4	19.3	60	1.3	164	27
10/11/24 10:05	1	0	1	3	19.0	63	2.1	173	18
10/11/24 10:10	1	1	2	3	18.9	64	2.3	179	16
10/11/24 10:15	1	1	1	3	18.7	64	1.9	172	26
10/11/24 10:20	9	8	17	3	18.9	61	2.1	167	24
10/11/24 10:25	13	2	14	3	19.0	60	2.4	170	18
10/11/24 10:30	6	3	9	3	19.0	61	2.3	169	19
10/11/24 10:35				3	19.1	62	2.1	173	18
10/11/24 10:40				3	19.1	60	2.7	176	12
10/11/24 10:45	1	1	2	3	18.8	62	3.1	185	9
10/11/24 10:50	1	1	2	3	18.1	65	3.6	186	8
10/11/24 10:55	2	6	8	3	18.1	65	2.9	178	13
10/11/24 11:00	1	1	3	3	18.2	65	3.2	182	14
10/11/24 11:05	1	1	2	2	18.1	65	3.4	184	9
10/11/24 11:10	1	1	2	2	18.2	65	3.1	184	11
10/11/24 11:15	1	1	2	3	18.0	66	3.7	188	9
10/11/24 11:20	1	1	2	3	17.7	67	3.9	189	6
10/11/24 11:25	1	1	2	3	17.5	70	3.9	191	6
10/11/24 11:30	1	1	2	3	17.3	70	3.9	192	6
10/11/24 11:35	1	1	2	3	17.4	70	3.8	187	7
10/11/24 11:40	1	1	2	3	17.6	69	3.6	185	10
10/11/24 11:45	1	1	2	3	17.8	69	3.6	186	8
10/11/24 11:50	1	1	2	3	17.8	68	3.5	183	9
10/11/24 11:55	1	1	2	3	18.1	66	3.5	184	9
10/11/24 12:00				3	18.5	65	3.2	172	18
10/11/24 12:05	2	5	8	3	18.9	64	2.8	171	19
10/11/24 12:10	1	1	2	3	19.1	64	3.0	168	20
10/11/24 12:15	0	1	2	3	19.1	63	3.0	166	18
10/11/24 12:20	0	1	2	2	19.2	63	3.0	173	17
10/11/24 12:25	7	2	9	2	19.2	61	3.2	170	15
10/11/24 12:30	0	1	1	2	19.3	59	3.0	166	16
10/11/24 12:35	0	1	1	2	19.2	59	3.3	167	17
10/11/24 12:40	1	1	2	2	19.4	59	3.4	171	17
10/11/24 12:45	1	1	2	2	19.3	59	3.2	172	17
10/11/24 12:50	1	2	3	2	19.6	57	3.1	162	22
10/11/24 12:55	2	3	5	2	19.6	57	2.7	164	22
10/11/24 13:00	7	10	18	2	19.5	58	2.8	165	19
10/11/24 13:05	1	2	2	2	19.8	57	2.9	167	20
10/11/24 13:10	1	1	2	2	19.9	57	3.2	166	17
10/11/24 13:15	1	1	2	2	19.9	57	3.2	168	17
10/11/24 13:20	1	1	2	2	19.9	57	3.1	173	17
10/11/24 13:25	1	1	2	2	19.5	59	3.5	182	14
10/11/24 13:30	2	1	3	2	19.3	60	3.5	180	13
10/11/24 13:35	1	1	2	2	19.3	61	3.0	176	13
10/11/24 13:40	1	1	2	2	19.7	60	3.2	178	15
10/11/24 13:45	1	1	2	2	20.0	59	3.0	174	16
10/11/24 13:50	1	1	2	2	19.8	60	3.7	181	12
10/11/24 13:55	1	2	3	2	19.4	60	3.1	180	15
10/11/24 14:00	1	1	2	2	19.7	60	3.2	173	18
10/11/24 14:05	1	1	2	2	20.0	58	3.5	177	17
10/11/24 14:10	1	1	2	2	19.7	59	3.3	178	13
10/11/24 14:15	1	2	3	2	19.8	59	2.9	173	17
10/11/24 14:20	1	2	3	2	20.1	58	2.8	174	20
10/11/24 14:25	1	1	3	2	20.2	58	3.1	173	16
10/11/24 14:30	1	1	3	2	20.2	57	3.3	171	19
10/11/24 14:35	1	2	3	2	20.2	57	3.3	166	22
10/11/24 14:40	2	2	3	2	20.1	58	3.1	172	18
10/11/24 14:45	1	1	3	2	20.2	59	2.9	173	21
10/11/24 14:50	1	1	2	1	20.3	59	3.2	177	17
10/11/24 14:55	1	1	2	2	19.9	60	3.6	179	13
10/11/24 15:00	1	1	2	2	19.7	61	3.4	176	15

Station Pier Ambient Air Quality Monitoring
November 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 (°)
10/11/24 15:05	1	1	3	2	19.6	61	4.0	182	11
10/11/24 15:10	1	2	3	2	19.3	61	4.1	183	12
10/11/24 15:15	1	2	3	2	19.6	61	4.1	185	10
10/11/24 15:20	1	2	3	2	19.6	60	4.0	181	14
10/11/24 15:25	1	1	2	2	19.5	60	3.5	182	12
10/11/24 15:30	1	1	2	2	19.9	59	3.7	178	13
10/11/24 15:35	1	1	2	2	19.7	60	3.8	182	11
10/11/24 15:40	1	2	3	2	19.6	61	3.2	179	14
10/11/24 15:45	1	1	3	2	20.0	59	3.5	181	14
10/11/24 15:50	1	1	3	2	20.0	59	3.6	181	13
10/11/24 15:55	1	1	2	1	20.2	59	3.5	182	12
10/11/24 16:00	1	2	3	1	20.2	58	3.5	180	14
10/11/24 16:05	1	2	3	2	20.1	58	3.8	181	11
10/11/24 16:10	1	2	3	2	20.2	58	3.5	179	13
10/11/24 16:15	1	2	3	2	20.1	58	3.9	181	13
10/11/24 16:20	1	2	3	1	20.0	59	3.9	180	12
10/11/24 16:25	2	3	5	1	19.8	60	4.3	182	12
10/11/24 16:30	2	3	5	1	19.7	60	3.8	179	13
10/11/24 16:35	2	1	3	2	19.6	61	4.3	181	11
10/11/24 16:40	1	1	3	2	19.8	62	4.0	181	13
10/11/24 16:45	1	1	3	1	19.9	61	3.7	178	12
10/11/24 16:50	1	2	3	1	20.0	60	4.0	179	13
10/11/24 16:55	1	2	3	2	19.9	59	4.2	179	14
10/11/24 17:00	2	2	4	2	19.8	59	4.4	181	12
10/11/24 17:05	2	2	4	1	19.9	60	4.1	177	13
10/11/24 17:10	2	3	4	1	19.7	62	4.5	182	8
10/11/24 17:15	2	2	3	1	19.5	63	3.8	180	10
10/11/24 17:20	1	2	3	2	19.7	63	4.1	181	11
10/11/24 17:25	1	2	3	2	19.5	63	4.5	178	12
10/11/24 17:30	1	1	2	2	19.6	64	4.0	180	10
10/11/24 17:35	1	1	2	2	19.6	63	4.1	180	11
10/11/24 17:40	1	1	2	2	19.7	64	3.6	181	13
10/11/24 17:45	1	2	2	2	19.8	63	4.3	182	11
10/11/24 17:50	1	1	2	1	19.7	64	4.2	179	14
10/11/24 17:55	1	1	2	2	19.5	64	4.1	184	10
10/11/24 18:00	1	1	2	2	19.4	64	4.3	184	10
10/11/24 18:05	1	1	2	1	19.5	66	4.2	181	10
10/11/24 18:10	1	1	2	1	19.4	65	4.0	180	11
10/11/24 18:15	1	1	2	2	19.4	65	3.5	182	10
10/11/24 18:20	1	1	2	2	19.6	65	3.1	177	13
10/11/24 18:25	1	1	2	1	19.7	65	3.3	178	11
10/11/24 18:30	0	1	2	1	19.6	66	3.3	179	10
10/11/24 18:35	0	1	2	1	19.8	66	2.5	174	13
10/11/24 18:40	0	1	2	1	19.8	64	2.2	157	25
10/11/24 18:45	0	2	2	2	19.6	57	4.5	126	12
10/11/24 18:50	0	2	2	2	19.4	55	4.6	123	13
10/11/24 18:55	0	2	2	1	19.4	57	2.9	114	18
10/11/24 19:00	0	2	2	1	19.4	57	3.2	113	14
10/11/24 19:05	0	2	2	1	19.3	56	3.1	111	18
10/11/24 19:10	0	2	2	2	19.1	57	5.2	124	14
10/11/24 19:15	0	2	2	2	18.8	60	3.7	116	18
10/11/24 19:20	0	2	2	2	18.6	59	3.9	108	13
10/11/24 19:25	0	2	2	2	18.4	59	4.6	124	12
10/11/24 19:30	0	2	2	1	18.1	60	4.5	120	13
10/11/24 19:35	0	2	2	1	18.0	61	4.9	126	15
10/11/24 19:40	0	2	2	1	17.7	61	4.2	124	17
10/11/24 19:45	0	2	2	1	17.7	63	4.6	129	16
10/11/24 19:50	0	2	2	1	17.4	62	5.7	133	10
10/11/24 19:55	0	2	2	1	17.3	63	4.9	133	13
10/11/24 20:00	0	2	2	2	17.2	64	4.6	130	13
10/11/24 20:05	0	2	2	1	17.2	64	2.7	151	28
10/11/24 20:10	0	2	2	1	17.1	63	3.4	146	21
10/11/24 20:15	0	2	2	1	17.0	63	3.2	145	21
10/11/24 20:20	0	2	2	1	17.0	65	3.1	145	22
10/11/24 20:25	0	2	2	1	17.0	66	2.2	156	27
10/11/24 20:30	0	2	2	1	17.0	65	2.1	166	26
10/11/24 20:35	0	2	2	1	17.0	67	2.4	162	23
10/11/24 20:40	0	2	2	2	16.8	64	2.6	154	24
10/11/24 20:45	0	2	2	1	16.8	66	2.1	165	22
10/11/24 20:50	0	2	2	1	16.8	67	2.5	163	22
10/11/24 20:55	0	2	2	2	16.8	68	2.4	171	19
10/11/24 21:00	0	2	2	2	16.8	69	2.7	170	22
10/11/24 21:05	0	2	2	2	16.7	68	2.7	165	19
10/11/24 21:10	0	2	2	2	16.6	69	2.4	164	24
10/11/24 21:15	0	2	2	2	16.6	70	2.8	173	19
10/11/24 21:20	1	2	3	2	16.6	70	2.5	168	24
10/11/24 21:25	1	3	4	2	16.5	70	2.3	161	22
10/11/24 21:30	0	3	3	2	16.5	70	2.1	158	22
10/11/24 21:35	0	3	3	1	16.4	69	2.2	163	24
10/11/24 21:40	0	3	4	1	16.3	69	2.6	160	17
10/11/24 21:45	0	3	4	1	16.2	69	2.4	158	20
10/11/24 21:50	0	4	4	1	16.2	69	2.3	157	24
10/11/24 21:55	0	4	4	1	16.1	68	2.5	144	23
10/11/24 22:00	0	4	4	2	16.1	68	2.4	153	21

Station Pier Ambient Air Quality Monitoring
November 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 (°)
10/11/24 22:05	0	4	4	2	16.1	68	2.0	156	28
10/11/24 22:10	0	4	4	2	16.1	69	2.7	158	18
10/11/24 22:15	0	4	4	2	16.0	69	2.3	165	22
10/11/24 22:20	0	4	4	1	16.0	70	2.3	161	22
10/11/24 22:25	0	4	4	2	15.9	70	2.6	158	24
10/11/24 22:30	0	3	3	2	15.8	70	2.5	150	21
10/11/24 22:35	0	3	3	2	15.8	71	2.4	153	24
10/11/24 22:40	0	3	3	2	15.7	71	2.4	150	25
10/11/24 22:45	0	3	3	2	15.7	71	2.4	146	24
10/11/24 22:50	0	3	3	2	15.5	71	2.2	155	27
10/11/24 22:55	0	3	3	2	15.6	72	2.4	147	22
10/11/24 23:00	0	3	3	2	15.6	73	1.8	154	28
10/11/24 23:05	0	3	3	2	15.5	72	2.7	140	19
10/11/24 23:10	0	3	3	2	15.3	72	2.2	142	23
10/11/24 23:15	0	3	3	2	15.3	72	2.0	146	26
10/11/24 23:20	0	4	4	2	15.2	72	2.4	138	21
10/11/24 23:25	0	4	4	1	15.1	72	2.6	136	15
10/11/24 23:30	0	4	4	2	15.1	72	2.5	134	15
10/11/24 23:35	0	4	4	2	15.0	73	2.2	146	20
10/11/24 23:40	0	4	4	2	15.1	73	2.4	145	24
10/11/24 23:45	0	4	4	2	15.0	73	2.7	135	17
10/11/24 23:50	0	4	4		14.8	73	2.8	130	12
10/11/24 23:55	0	4	4		14.9	74	1.8	130	24
11/11/24 00:00	0	5	5	2	14.8	74	1.7	127	22
11/11/24 00:05	0	5	5	2	14.8	74	1.1	141	28
11/11/24 00:10	0	5	5	2	14.7	74	1.3	115	21
11/11/24 00:15	0	5	5	2	14.6	74	1.6	127	15
11/11/24 00:20	0	5	5	2	14.7	75	1.2	117	22
11/11/24 00:25	0	5	5	2	14.7	75	1.0	121	27
11/11/24 00:30	0	5	5	2	14.6	75	1.0	132	26
11/11/24 00:35	0	5	5	2	14.6	76	0.9	135	28
11/11/24 00:40	0	5	5	2	14.6	75	1.2	127	16
11/11/24 00:45	0	5	5	2	14.4	76	1.2	121	18
11/11/24 00:50	0	5	5	2	14.5	76	1.2	104	17
11/11/24 00:55	0	5	5	3	14.5	75	1.1	79	13
11/11/24 01:00	0	5	5	2	14.4	75	1.1	100	19
11/11/24 01:05					14.4	76	1.1	104	12
11/11/24 01:10					14.4	76	1.1	102	16
11/11/24 01:15					14.4	76	0.8	90	15
11/11/24 01:20					14.2	76	1.2	91	17
11/11/24 01:25					14.3	76	1.0	81	11
11/11/24 01:30					14.1	76	0.9	74	10
11/11/24 01:35					14.0	76	0.6	77	10
11/11/24 01:40					14.0	76	0.5	46	16
11/11/24 01:45					14.0	76	0.8	42	5
11/11/24 01:50					13.9	76	0.5	34	8
11/11/24 01:55					13.7	77	0.7	357	11
11/11/24 02:00					13.8	78	0.9	345	9
11/11/24 02:05	0	7	7	3	13.8	77	0.8	357	8
11/11/24 02:10	0	7	7	3	13.7	77	0.7	354	12
11/11/24 02:15	0	7	8	3	13.6	78	0.8	336	16
11/11/24 02:20	0	8	8	3	13.6	78	1.1	327	25
11/11/24 02:25	1	10	10	3	13.7	79	1.8	300	12
11/11/24 02:30	1	16	17	3	13.6	79	1.9	302	10
11/11/24 02:35	3	20	22	3	13.6	80	2.1	303	10
11/11/24 02:40	4	21	26	3	13.4	80	1.2	315	15
11/11/24 02:45	7	19	26	3	13.2	81	1.3	310	16
11/11/24 02:50	7	18	26	3	13.1	81	1.3	322	16
11/11/24 02:55	8	18	26	3	12.9	81	1.8	324	15
11/11/24 03:00	8	18	25	3	12.8	81	1.5	319	19
11/11/24 03:05	7	17	24	3	12.7	82	1.4	313	17
11/11/24 03:10	7	17	24	3	12.7	82	1.2	323	15
11/11/24 03:15	7	17	24	3	12.6	82	1.6	326	10
11/11/24 03:20	6	17	23	3	12.6	82	1.3	322	20
11/11/24 03:25	6	17	22	3	12.6	82	1.5	303	18
11/11/24 03:30	5	16	21	3	12.6	82	1.2	307	15
11/11/24 03:35	5	16	21	3	12.6	83	1.3	313	17
11/11/24 03:40	5	16	21	3	12.5	82	1.2	324	20
11/11/24 03:45	5	16	21	3	12.4	83	1.5	321	21
11/11/24 03:50	5	17	22	3	12.4	83	1.5	306	15
11/11/24 03:55	5	17	22	3	12.5	83	2.3	302	12
11/11/24 04:00	5	17	22	3	12.4	83	1.6	299	17
11/11/24 04:05	5	17	22	3	12.5	83	2.2	298	12
11/11/24 04:10	5	17	21	3	12.4	83	2.1	301	14
11/11/24 04:15	4	16	21	3	12.4	83	1.6	306	18
11/11/24 04:20	4	16	20	3	12.2	83	1.9	298	13
11/11/24 04:25	4	16	20	3	12.3	84	1.5	305	14
11/11/24 04:30	4	17	21	3	12.2	84	1.0	308	16
11/11/24 04:35	5	17	21	3	12.2	84	1.2	320	22
11/11/24 04:40	5	17	22	3	12.2	84	1.2	304	18
11/11/24 04:45	6	17	23	3	12.2	85	1.1	312	23
11/11/24 04:50	7	17	24	3	12.1	84	1.2	337	20
11/11/24 04:55	8	18	26	3	12.1	84	0.9	330	26
11/11/24 05:00	10	18	28	3	12.0	85	1.3	321	16

Station Pier Ambient Air Quality Monitoring
November 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 (°)
11/11/24 05:05	13	18	31	3	12.1	85	1.0	308	25
11/11/24 05:10	17	18	35	3	12.3	85	1.2	298	15
11/11/24 05:15	20	19	39	3	12.4	84	1.3	312	19
11/11/24 05:20	22	20	42	3	12.3	84	1.3	298	13
11/11/24 05:25	26	20	46	3	12.4	84	0.8	327	31
11/11/24 05:30	29	19	48	3	12.4	84	1.2	317	19
11/11/24 05:35	28	20	47	3	12.5	83	1.4	302	14
11/11/24 05:40	24	21	45	3	12.5	83	1.1	304	18
11/11/24 05:45	24	20	44	3	12.5	83	1.2	313	21
11/11/24 05:50	29	18	47	3	12.7	82	1.0	309	16
11/11/24 05:55	39	17	56	3	12.7	82	1.5	297	14
11/11/24 06:00	36	19	56	3	12.7	82	1.0	303	13
11/11/24 06:05	36	19	55	3	12.8	82	1.1	305	21
11/11/24 06:10	33	19	52	3	12.8	82	1.7	297	12
11/11/24 06:15	32	19	51	3	12.9	81	1.7	304	14
11/11/24 06:20	31	18	50	3	13.0	81	1.2	316	20
11/11/24 06:25	36	17	53	3	13.4	80	1.0	306	18
11/11/24 06:30	55	22	77	3	13.6	79	1.1	325	28
11/11/24 06:35	68	21	89	3	13.7	78	1.2	305	25
11/11/24 06:40	52	27	80	3	13.8	78	1.3	286	21
11/11/24 06:45	47	18	65	3	13.8	78	1.4	283	17
11/11/24 06:50	54	22	75	3	14.0	78	1.2	275	19
11/11/24 06:55	46	21	66	3	14.1	78	1.3	262	14
11/11/24 07:00	45	20	65	3	14.2	77	1.4	255	12
11/11/24 07:05	47	20	67	3	14.2	77	1.1	275	24
11/11/24 07:10	49	22	71	3	14.5	76	0.5	302	53
11/11/24 07:15	46	23	70	3	15.1	74	0.7	250	44
11/11/24 07:20	43	24	67	3	15.2	74	0.8	275	22
11/11/24 07:25	34	21	55	3	15.3	74	0.7	278	35
11/11/24 07:30	27	19	46	4	15.6	74	0.8	227	34
11/11/24 07:35	50	23	73	4	15.6	73	1.7	214	9
11/11/24 07:40	58	23	80	4	15.6	73	1.8	213	7
11/11/24 07:45	68	23	91	4	15.4	73	1.7	216	9
11/11/24 07:50	76	20	96	4	15.7	72	1.0	196	10
11/11/24 07:55	77	23	100	4	15.9	72	1.3	199	9
11/11/24 08:00	76	24	99	4	16.1	71	1.4	196	9
11/11/24 08:05	71	22	93	4	16.0	70	1.4	196	6
11/11/24 08:10	55	24	78	4	16.1	71	1.7	193	7
11/11/24 08:15	37	19	57	5	16.1	72	1.9	196	6
11/11/24 08:20	27	18	46	4	16.2	72	1.8	195	5
11/11/24 08:25	30	18	48	4	16.3	74	2.1	194	10
11/11/24 08:30	43	21	64	4	16.8	72	1.5	164	25
11/11/24 08:35	53	25	77	4	17.4	69	1.3	151	26
11/11/24 08:40	51	26	77	4	17.8	67	1.4	154	22
11/11/24 08:45	40	23	63	4	17.9	67	1.3	158	27
11/11/24 08:50	36	19	56	4	18.1	67	1.3	152	22
11/11/24 08:55	28	17	45	4	18.4	66	1.1	158	25
11/11/24 09:00	24	17	40	4	18.6	65	1.1	139	22
11/11/24 09:05	21	15	35	4	18.7	65	1.2	148	20
11/11/24 09:10	17	14	31	4	18.6	64	1.6	149	19
11/11/24 09:15	16	14	30	4	18.8	64	1.4	154	25
11/11/24 09:20	15	14	29	4	18.9	65	1.4	158	25
11/11/24 09:25	14	12	27	4	18.9	67	1.7	181	17
11/11/24 09:30	13	11	25	4	19.1	66	1.8	173	17
11/11/24 09:35	11	9	21	4	19.3	65	1.6	173	16
11/11/24 09:40	9	9	18	4	19.6	64	1.9	176	18
11/11/24 09:45	9	10	19	4	19.3	64	1.6	168	19
11/11/24 09:50	9	11	20	4	19.4	65	2.0	182	14
11/11/24 09:55	10	11	21	4	19.1	66	2.5	188	11
11/11/24 10:00	10	12	22	3	18.9	67	2.1	178	18
11/11/24 10:05	11	12	23	4	19.5	65	2.1	179	16
11/11/24 10:10	12	16	27	4	19.3	66	2.2	183	15
11/11/24 10:15	12	14	25	4	19.5	64	2.3	184	15
11/11/24 10:20	11	13	24	4	19.1	67	2.6	188	9
11/11/24 10:25	10	14	23	4	18.6	67	3.1	193	8
11/11/24 10:30	8	13	20	4	18.6	69	2.5	186	15
11/11/24 10:35	8	11	18	3	19.1	67	2.2	181	12
11/11/24 10:40	7	10	18	3	19.5	65	2.3	176	14
11/11/24 10:45	7	8	15	3	19.8	64	2.6	177	12
11/11/24 10:50	6	7	13	3	19.9	64	2.4	171	18
11/11/24 10:55	5	6	11	3	19.8	65	2.3	176	16
11/11/24 11:00	5	6	11	3	19.7	65	2.4	175	18
11/11/24 11:05	4	5	10	3	19.8	65	2.1	177	20
11/11/24 11:10	4	5	9	3	19.8	66	2.0	178	17
11/11/24 11:15	4	5	9	3	19.8	66	2.3	178	18
11/11/24 11:20	3	5	9	3	19.7	65	2.4	181	17
11/11/24 11:25	3	5	8	3	19.7	66	2.4	178	18
11/11/24 11:30	3	5	8	3	19.8	64	2.7	175	14
11/11/24 11:35	3	5	7	3	19.7	65	2.5	180	16
11/11/24 11:40	3	4	7	3	19.8	65	2.7	180	15
11/11/24 11:45	2	4	6	3	19.9	65	2.4	179	14
11/11/24 11:50	2	4	6	3	20.0	64	2.6	182	15
11/11/24 11:55	2	4	6	3	19.9	65	2.3	183	17
11/11/24 12:00	2	4	6	3	20.1	64	2.5	179	15

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
11/11/24 12:05	2	4	5	3	20.1	65	2.2	178	15
11/11/24 12:10	2	4	5	3	20.6	65	2.1	176	18
11/11/24 12:15	1	4	5	3	20.6	64	2.1	167	23
11/11/24 12:20	2	4	6	3	20.8	63	2.1	172	21
11/11/24 12:25	2	4	6	3	20.8	63	2.5	177	17
11/11/24 12:30	1	4	5	3	20.7	64	2.6	176	15
11/11/24 12:35	1	4	5	3	20.3	65	2.8	184	14
11/11/24 12:40	1	4	5	3	20.1	66	2.9	182	15
11/11/24 12:45	2	5	7	3	20.0	69	3.4	189	11
11/11/24 12:50	3	10	13	3	19.7	69	3.9	189	11
11/11/24 12:55	4	15	19	4	19.6	71	3.9	191	13
11/11/24 13:00	7	12	19	4	19.4	71	3.9	191	11
11/11/24 13:05	6	5	11	4	19.2	75	4.6	200	7
11/11/24 13:10	19	17	36	4	19.1	77	3.6	192	11
11/11/24 13:15	5	9	14	4	19.2	77	3.9	191	12
11/11/24 13:20	5	9	15	4	19.4	75	3.8	189	12
11/11/24 13:25	4	7	11	4	19.5	73	3.9	187	13
11/11/24 13:30	3	6	9	3	19.9	71	3.5	186	13
11/11/24 13:35	3	4	7	3	20.0	73	3.7	186	12
11/11/24 13:40	3	4	6	3	19.8	73	3.5	189	12
11/11/24 13:45	3	4	7	3	20.1	73	3.7	185	13
11/11/24 13:50	2	4	6	3	20.1	73	3.9	189	10
11/11/24 13:55	2	3	5	3	20.2	71	4.3	183	11
11/11/24 14:00	1	3	4	4	20.5	70	3.9	184	12
11/11/24 14:05	1	3	4	3	20.6	69	4.1	183	14
11/11/24 14:10	1	3	4	4	20.7	69	4.5	181	12
11/11/24 14:15	1	2	3	4	20.8	68	4.6	178	12
11/11/24 14:20	1	2	3	4	20.7	68	4.4	183	12
11/11/24 14:25	1	2	3	4	20.6	68	4.9	183	12
11/11/24 14:30	1	2	3	3	20.6	69	4.1	184	11
11/11/24 14:35	1	2	3	3	20.4	70	5.0	182	10
11/11/24 14:40	1	3	4	3	20.4	70	5.0	182	8
11/11/24 14:45	3	8	12	3	20.5	70	5.5	184	8
11/11/24 14:50	22	16	38	3	20.5	68	5.5	186	9
11/11/24 14:55	83	22	105	3	20.8	68	4.6	186	11
11/11/24 15:00	104	32	136	4	20.7	68	4.4	186	10
11/11/24 15:05	108	38	147	4	20.7	69	3.8	186	11
11/11/24 15:10	14	9	23	4	20.6	69	5.1	190	8
11/11/24 15:15	92	22	114	4	20.7	69	5.6	190	6
11/11/24 15:20	197	38	235	4	21.0	67	4.8	185	8
11/11/24 15:25	97	37	134	4	21.3	66	4.5	186	9
11/11/24 15:30	31	24	55	4	21.6	67	4.1	185	9
11/11/24 15:35	35	29	64	4	21.8	65	4.5	184	11
11/11/24 15:40	20	17	37	4	21.9	64	4.4	180	12
11/11/24 15:45	7	10	17	4	21.9	64	4.0	175	13
11/11/24 15:50	1	2	3	4	22.0	63	3.4	176	20
11/11/24 15:55	1	2	3	4	22.2	60	3.8	169	17
11/11/24 16:00	0	2	2	4	22.4	59	4.3	176	13
11/11/24 16:05	0	2	2	4	22.4	59	3.8	173	17
11/11/24 16:10	0	2	2	4	22.3	59	3.6	170	21
11/11/24 16:15	1	2	2	4	22.2	59	4.0	171	18
11/11/24 16:20	0	2	2	4	21.9	60	4.3	168	15
11/11/24 16:25	0	2	2	4	21.7	62	5.1	163	14
11/11/24 16:30	0	2	2	4	21.5	64	5.3	165	18
11/11/24 16:35	0	2	2	3	21.4	64	4.7	163	18
11/11/24 16:40	0	2	2	3	21.5	64	4.6	160	16
11/11/24 16:45	0	2	2	4	21.4	64	4.7	164	20
11/11/24 16:50	0	2	2	4	21.2	65	4.9	159	16
11/11/24 16:55	0	2	2	4	21.0	65	4.3	161	20
11/11/24 17:00	0	2	2	4	20.9	64	4.8	159	19
11/11/24 17:05	0	2	2	3	20.9	65	4.6	164	18
11/11/24 17:10	0	2	2	3	20.7	64	5.3	161	14
11/11/24 17:15	0	2	2	3	20.6	65	4.2	159	16
11/11/24 17:20	0	2	2	3	20.6	66	3.3	156	32
11/11/24 17:25	0	2	2	3	20.6	66	3.4	160	25
11/11/24 17:30	0	2	2	3	20.6	67	3.5	157	25
11/11/24 17:35	0	2	2	3	20.6	67	3.6	157	24
11/11/24 17:40	0	2	2	3	20.6	68	3.9	159	20
11/11/24 17:45	0	2	2	3	20.6	70	3.3	156	24
11/11/24 17:50	0	2	2	3	20.5	72	3.4	156	22
11/11/24 17:55	0	2	2	3	20.5	73	3.2	156	27
11/11/24 18:00	0	2	2	3	20.4	74	2.9	156	22
11/11/24 18:05	0	2	2	3	20.4	74	2.6	156	25
11/11/24 18:10	0	2	2	3	20.3	74	2.0	163	39
11/11/24 18:15	0	2	2	3	20.3	75	3.4	165	19
11/11/24 18:20	0	2	2	3	20.4	74	3.0	170	15
11/11/24 18:25	0	2	2	3	20.2	75	3.0	171	16
11/11/24 18:30	0	2	2	3	20.2	75	3.2	165	17
11/11/24 18:35	0	2	2	3	20.0	75	3.5	166	17
11/11/24 18:40	0	2	2	3	20.0	75	4.1	162	17
11/11/24 18:45	0	2	2	3	19.8	75	3.3	160	22
11/11/24 18:50	0	2	2	3	19.8	75	3.4	158	22
11/11/24 18:55	0	2	2	3	19.7	75	4.1	162	15
11/11/24 19:00	0	2	2	3	19.7	76	3.3	164	15

Station Pier Ambient Air Quality Monitoring
November 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 (°)
11/11/24 19:05	0	2	2	3	19.6	77	3.1	169	17
11/11/24 19:10	0	2	2	3	19.6	78	3.7	159	17
11/11/24 19:15	0	2	2	3	19.5	78	3.3	161	20
11/11/24 19:20	0	2	2	3	19.4	79	2.9	172	16
11/11/24 19:25	0	2	2	3	19.4	80	2.9	172	15
11/11/24 19:30	0	2	2	3	19.4	80	2.8	174	15
11/11/24 19:35	0	2	2	3	19.3	79	2.9	176	16
11/11/24 19:40	0	2	2	3	19.3	80	2.6	179	13
11/11/24 19:45	0	2	2	3	19.4	80	2.9	173	14
11/11/24 19:50	0	2	2	3	19.2	81	2.7	176	15
11/11/24 19:55	0	2	2	3	19.2	81	3.2	179	15
11/11/24 20:00	0	2	2	3	19.2	81	3.3	177	12
11/11/24 20:05	0	2	2	3	19.1	81	2.8	175	15
11/11/24 20:10	0	2	2	3	19.2	82	2.8	177	13
11/11/24 20:15	0	2	2	3	19.2	82	2.9	176	13
11/11/24 20:20	0	2	2	3	19.2	83	2.3	175	19
11/11/24 20:25	0	2	2	3	19.3	81	2.8	176	12
11/11/24 20:30	0	2	2	3	19.1	79	3.1	178	12
11/11/24 20:35	0	2	2	3	19.1	79	2.9	178	14
11/11/24 20:40	0	2	2	3	19.3	79	3.4	182	11
11/11/24 20:45	0	2	2	3	19.2	78	3.9	186	6
11/11/24 20:50	0	2	2	3	19.2	80	4.0	189	8
11/11/24 20:55	0	2	2	3	19.2	82	4.7	191	4
11/11/24 21:00	0	2	2	3	19.0	81	3.4	187	8
11/11/24 21:05	0	2	2	3	19.0	81	3.2	187	8
11/11/24 21:10	0	2	2	3	19.0	82	3.0	184	9
11/11/24 21:15	0	2	2	3	19.0	81	2.6	182	12
11/11/24 21:20	0	2	2	3	19.0	80	2.6	182	12
11/11/24 21:25	0	2	2	3	19.0	77	3.2	180	10
11/11/24 21:30	0	2	2	3	19.1	75	2.7	175	15
11/11/24 21:35	0	2	2	3	19.2	76	2.5	172	15
11/11/24 21:40	0	2	2	3	19.3	75	2.2	163	26
11/11/24 21:45	0	2	1	3	19.2	76	3.0	178	13
11/11/24 21:50	0	1	1	3	18.9	76	3.6	181	10
11/11/24 21:55	0	1	1	3	18.9	75	3.4	183	9
11/11/24 22:00	0	1	1	3	18.8	76	3.3	184	7
11/11/24 22:05	0	1	1	3	18.7	77	3.2	182	9
11/11/24 22:10	0	1	1	3	18.7	78	3.3	186	7
11/11/24 22:15	0	1	1	3	18.5	77	3.9	181	7
11/11/24 22:20	0	1	1	3	18.5	79	3.5	181	9
11/11/24 22:25	0	1	1	3	18.4	80	3.7	182	8
11/11/24 22:30	0	1	1	3	18.4	80	3.5	179	9
11/11/24 22:35	0	1	1	3	18.3	80	3.6	179	9
11/11/24 22:40	0	1	1	3	18.3	81	3.3	180	11
11/11/24 22:45	0	1	1	3	18.2	81	3.2	182	10
11/11/24 22:50	0	1	1	3	18.2	82	2.8	185	8
11/11/24 22:55	0	1	1	3	18.3	82	3.1	183	8
11/11/24 23:00	0	1	1	3	18.2	82	3.2	184	11
11/11/24 23:05	0	1	1	3	18.2	82	2.7	181	12
11/11/24 23:10	0	1	1	3	18.2	82	2.9	179	9
11/11/24 23:15	0	1	1	3	18.2	82	2.6	176	14
11/11/24 23:20	0	1	1	3	18.3	83	2.0	177	16
11/11/24 23:25	0	1	1	3	18.3	82	2.1	171	19
11/11/24 23:30	0	1	1	3	18.3	80	1.4	158	33
11/11/24 23:35	0	2	1	3	18.2	76	2.3	138	19
11/11/24 23:40	0	2	2	3	18.2	75	2.1	143	21
11/11/24 23:45	0	2	2	3	18.3	75	1.6	149	28
11/11/24 23:50	0	2	2		18.2	74	2.0	139	25
11/11/24 23:55	0	3	3		18.1	74	2.6	135	18
12/11/24 00:00	0	3	3	3	18.1	73	2.4	134	22
12/11/24 00:05	0	3	3	3	18.0	74	2.1	137	22
12/11/24 00:10	0	3	3	3	18.0	74	2.5	135	16
12/11/24 00:15	0	3	3	3	17.9	74	1.7	152	24
12/11/24 00:20	0	3	3	3	17.8	74	2.0	144	23
12/11/24 00:25	0	3	3	3	17.7	74	2.4	138	18
12/11/24 00:30	0	3	3	2	17.7	75	2.3	136	19
12/11/24 00:35	0	3	3	2	17.6	75	1.5	145	23
12/11/24 00:40	0	3	3	2	17.6	75	1.1	158	30
12/11/24 00:45	0	3	3	2	17.5	75	1.4	142	22
12/11/24 00:50	0	3	3	2	17.4	75	1.4	140	24
12/11/24 00:55	0	3	3	2	17.4	75	1.2	136	20
12/11/24 01:00	0	3	3	2	17.2	76	1.0	139	30
12/11/24 01:05					17.2	76	1.0	146	19
12/11/24 01:10					17.2	76	1.0	189	14
12/11/24 01:15					17.2	76	0.8	177	28
12/11/24 01:20					17.2	76	1.0	162	20
12/11/24 01:25					17.1	77	0.6	153	30
12/11/24 01:30					17.1	75	0.3	85	39
12/11/24 01:35					16.9	76	0.2	198	79
12/11/24 01:40					16.9	76	0.5	65	10
12/11/24 01:45					16.8	76	0.3	78	22
12/11/24 01:50					16.7	77	0.5	170	29
12/11/24 01:55					16.8	79	0.7	177	31
12/11/24 02:00					16.8	78	0.8	142	26

Station Pier Ambient Air Quality Monitoring
November 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 (°)
12/11/24 02:05	0	5	5	2	16.8	78	0.6	182	26
12/11/24 02:10	0	6	6	2	16.8	77	0.4	115	36
12/11/24 02:15	0	6	6	2	16.6	77	0.6	69	14
12/11/24 02:20	0	6	7	2	16.6	78	0.5	64	24
12/11/24 02:25	0	7	7	2	16.4	79	0.2	318	23
12/11/24 02:30	0	7	7	2	16.4	80	0.5	255	22
12/11/24 02:35	0	7	7	3	16.5	81	0.7	235	18
12/11/24 02:40	0	7	7	3	16.7	82	1.2	274	15
12/11/24 02:45	0	8	8	3	16.6	82	1.8	273	15
12/11/24 02:50	0	9	10	3	16.4	83	1.8	276	16
12/11/24 02:55	0	10	11	3	16.3	84	1.8	281	14
12/11/24 03:00	0	11	12	3	16.1	85	2.2	281	12
12/11/24 03:05	1	12	13	2	16.0	86	2.2	282	12
12/11/24 03:10	1	13	14	2	15.9	87	2.0	282	15
12/11/24 03:15	2	13	15	2	15.7	87	2.1	286	12
12/11/24 03:20	2	13	15	2	15.6	86	1.9	283	16
12/11/24 03:25	2	13	15	2	15.6	87	1.7	279	16
12/11/24 03:30	1	13	15	3	15.6	87	1.9	285	16
12/11/24 03:35	1	13	14	2	15.3	87	2.0	287	10
12/11/24 03:40	1	13	14	2	15.4	87	2.3	287	11
12/11/24 03:45	1	13	14	3	15.4	88	1.7	280	19
12/11/24 03:50	1	13	14	3	15.4	88	2.7	286	9
12/11/24 03:55	1	13	14	3	15.2	88	1.8	278	17
12/11/24 04:00	1	13	14	2	15.4	88	1.6	285	18
12/11/24 04:05	3	14	17	2	15.3	88	1.6	285	17
12/11/24 04:10	6	19	26	2	15.2	88	2.1	288	10
12/11/24 04:15	6	18	24	2	15.2	87	2.2	295	8
12/11/24 04:20	6	17	23	2	15.1	87	1.3	299	15
12/11/24 04:25	6	17	23	2	15.1	87	1.3	299	12
12/11/24 04:30	7	17	23	2	15.1	87	1.6	314	19
12/11/24 04:35	7	17	23	2	15.0	87	2.0	314	18
12/11/24 04:40	7	17	23	2	15.0	88	1.7	294	16
12/11/24 04:45	7	17	23	2	15.3	89	1.4	277	20
12/11/24 04:50	7	17	24	3	15.3	88	1.9	294	12
12/11/24 04:55	8	17	25	2	15.0	87	1.8	298	12
12/11/24 05:00	9	17	26	2	15.1	87	1.8	304	17
12/11/24 05:05	10	17	27	2	15.0	88	1.9	315	13
12/11/24 05:10	35	16	51	3	14.8	88	2.1	309	9
12/11/24 05:15	40	19	59	3	14.8	88	1.9	311	8
12/11/24 05:20	39	19	58	2	14.8	88	2.0	292	14
12/11/24 05:25	32	20	52	2	15.1	89	1.5	284	17
12/11/24 05:30	30	18	48	2	15.1	88	1.8	303	12
12/11/24 05:35	44	19	63	3	14.8	88	2.7	299	8
12/11/24 05:40	54	20	73	3	15.0	89	2.3	287	11
12/11/24 05:45	51	17	69	3	15.0	88	2.3	283	16
12/11/24 05:50	51	21	72	3	15.0	88	2.4	287	10
12/11/24 05:55	51	20	71	3	15.0	88	2.0	282	13
12/11/24 06:00	50	20	69	3	15.3	88	1.9	279	18
12/11/24 06:05	44	21	65	3	15.3	88	2.0	278	14
12/11/24 06:10	42	22	63	3	15.3	87	1.9	286	14
12/11/24 06:15	47	22	69	3	15.4	87	1.8	277	13
12/11/24 06:20	61	21	82	3	15.5	86	1.7	276	12
12/11/24 06:25	76	23	99	3	15.7	86	1.9	274	16
12/11/24 06:30	70	20	90	3	15.9	85	2.8	264	8
12/11/24 06:35	61	20	81	3	15.9	85	2.2	265	13
12/11/24 06:40	60	20	81	3	15.8	85	2.4	265	12
12/11/24 06:45	56	24	81	3	16.0	85	2.2	269	9
12/11/24 06:50	54	25	79	3	15.9	86	1.9	268	12
12/11/24 06:55	52	22	74	3	16.0	86	2.0	265	14
12/11/24 07:00	60	20	81	3	16.0	85	1.7	270	14
12/11/24 07:05	59	22	81	3	16.0	85	1.5	284	18
12/11/24 07:10	60	22	82	3	16.0	84	1.5	283	18
12/11/24 07:15	59	22	81	3	16.2	84	1.3	273	15
12/11/24 07:20	58	13	70	3	16.3	83	1.5	267	22
12/11/24 07:25	47	13	60	3	16.5	83	1.5	253	27
12/11/24 07:30	20	15	35	3	16.5	83	1.7	228	14
12/11/24 07:35	23	14	36	3	16.5	83	2.0	226	9
12/11/24 07:40	17	7	23	3	16.6	83	2.0	215	10
12/11/24 07:45	14	9	23	3	16.7	82	1.8	224	9
12/11/24 07:50	14	12	26	3	16.7	82	1.5	213	10
12/11/24 07:55	14	11	24	3	16.8	81	1.5	213	9
12/11/24 08:00	13	11	24	3	17.0	80	1.3	208	10
12/11/24 08:05	14	12	25	3	17.3	78	0.6	204	13
12/11/24 08:10	18	13	31	3	17.8	76	1.2	195	10
12/11/24 08:15	22	13	35	3	17.9	76	1.0	216	41
12/11/24 08:20	29	22	51	3	18.3	75	1.8	273	22
12/11/24 08:25	40	21	61	3	18.4	74	2.5	285	16
12/11/24 08:30	39	20	59	3	18.2	73	2.3	296	26
12/11/24 08:35	33	18	51	3	18.2	76	2.3	264	16
12/11/24 08:40	32	19	51	3	18.3	74	1.8	290	25
12/11/24 08:45	26	16	41	3	18.3	74	2.6	246	6
12/11/24 08:50	20	16	36	3	18.2	74	2.0	238	9
12/11/24 08:55	21	16	37	3	18.4	74	2.2	230	9
12/11/24 09:00	20	13	33	3	18.3	77	3.3	206	9

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
12/11/24 09:05	12	8	20	3	18.0	78	3.2	207	8
12/11/24 09:10	4	5	10	3	18.0	79	3.4	213	6
12/11/24 09:15	4	5	9	3	18.0	78	3.5	212	7
12/11/24 09:20	4	5	9	3	18.0	77	3.6	208	5
12/11/24 09:25	3	5	9	3	18.1	76	3.4	206	6
12/11/24 09:30	6	11	17	3	17.9	77	3.3	203	5
12/11/24 09:35	25	25	50	3	18.0	77	3.3	206	5
12/11/24 09:40	31	15	46	3	18.0	77	2.7	204	6
12/11/24 09:45	38	22	60	3	18.1	78	2.7	204	5
12/11/24 09:50	60	24	84	3	18.6	78	2.4	197	10
12/11/24 09:55	8	10	18	3	18.9	77	2.8	199	6
12/11/24 10:00	10	10	20	3	18.6	76	2.6	206	5
12/11/24 10:05	17	16	33	3	18.2	77	2.4	205	5
12/11/24 10:10	13	13	26	3	18.5	79	2.5	197	7
12/11/24 10:15	14	14	27	3	19.0	78	2.3	192	9
12/11/24 10:20	5	7	13	3	19.5	75	2.2	193	11
12/11/24 10:25	6	10	16	3	19.8	74	2.0	186	13
12/11/24 10:30	7	8	15	3	20.4	71	1.9	170	18
12/11/24 10:35	7	11	18	3	20.6	70	1.8	180	16
12/11/24 10:40	6	10	16	3	20.7	69	2.1	192	12
12/11/24 10:45	5	7	11	3	19.8	73	2.7	208	4
12/11/24 10:50	3	6	9	3	19.0	77	3.0	203	4
12/11/24 10:55	9	12	21	3	19.0	78	2.7	199	10
12/11/24 11:00	10	11	21	3	19.4	77	2.5	187	13
12/11/24 11:05	12	15	26	3	19.7	74	2.1	174	17
12/11/24 11:10	11	13	24	3	20.1	70	2.0	165	22
12/11/24 11:15	9	11	20	3	20.3	70	2.0	162	19
12/11/24 11:20	11	14	25	3	20.8	69	1.7	165	18
12/11/24 11:25	11	12	23	3	21.0	68	1.8	164	23
12/11/24 11:30	11	15	27	3	21.1	67	1.6	166	21
12/11/24 11:35	16	27	44	3	21.3	67	1.9	161	22
12/11/24 11:40	21	24	45	3	21.1	68	1.8	152	24
12/11/24 11:45	16	20	36	3	20.9	68	1.4	156	27
12/11/24 11:50	18	19	37	3	20.9	69	1.9	156	20
12/11/24 11:55	19	19	38	3	21.2	68	1.9	149	22
12/11/24 12:00	24	22	47	3	21.7	67	2.0	155	16
12/11/24 12:05	21	23	44	3	21.7	66	2.0	153	17
12/11/24 12:10	29	24	53	3	21.5	66	1.9	152	19
12/11/24 12:15	22	23	46	3	21.7	66	1.6	151	27
12/11/24 12:20	19	24	43	3	21.8	68	1.6	162	25
12/11/24 12:25	14	21	35	3	21.7	69	1.6	151	26
12/11/24 12:30	16	20	36	3	21.5	69	1.6	154	24
12/11/24 12:35	17	20	37	3	21.5	70	2.1	162	17
12/11/24 12:40	16	21	37	3	21.8	68	1.9	164	18
12/11/24 12:45	13	24	37	3	21.8	67	2.0	167	15
12/11/24 12:50	11	21	31	3	21.8	68	1.8	176	17
12/11/24 12:55	9	23	32	3	21.6	69	2.2	178	12
12/11/24 13:00	12	22	35	3	21.6	69	2.1	178	13
12/11/24 13:05	9	22	31	3	21.6	69	2.5	184	15
12/11/24 13:10	8	21	29	3	21.3	71	2.6	182	15
12/11/24 13:15	7	21	28	3	21.4	71	2.8	181	13
12/11/24 13:20	6	20	26	3	21.4	72	2.5	180	13
12/11/24 13:25	6	21	27	3	21.3	74	2.0	178	18
12/11/24 13:30	6	21	27	3	21.1	74	2.9	184	14
12/11/24 13:35	6	18	24	3	20.9	75	2.8	180	10
12/11/24 13:40	5	13	18	3	20.8	75	2.2	177	17
12/11/24 13:45	5	11	16	3	21.0	75	1.9	167	21
12/11/24 13:50	6	10	16	3	21.3	74	1.6	154	24
12/11/24 13:55	15	8	23	3	21.6	74	1.7	154	19
12/11/24 14:00	3	8	11	3	21.6	73	1.5	148	25
12/11/24 14:05	2	8	10	3	21.6	75	1.9	158	25
12/11/24 14:10	8	9	17	3	21.6	75	1.1	153	29
12/11/24 14:15	2	7	9	3	21.5	75	1.1	144	26
12/11/24 14:20	1	5	6	3	21.4	75	1.4	150	27
12/11/24 14:25	2	5	7	3	21.2	76	1.6	153	26
12/11/24 14:30	10	3	13	2	21.1	77	1.3	147	23
12/11/24 14:35	4	7	11	2	21.1	78	1.2	154	24
12/11/24 14:40	5	7	12	3	21.2	76	1.5	158	21
12/11/24 14:45	2	4	6	3	21.4	75	2.0	165	17
12/11/24 14:50	1	5	6	3	21.3	75	2.0	169	18
12/11/24 14:55	2	4	6	3	21.3	75	1.8	164	21
12/11/24 15:00	2	4	6	3	21.2	76	1.5	163	23
12/11/24 15:05	1	3	4	3	21.0	76	1.7	176	21
12/11/24 15:10	1	3	4	3	21.0	78	1.7	179	19
12/11/24 15:15	1	3	4	3	20.8	78	1.9	186	19
12/11/24 15:20	1	3	3	3	20.6	80	4.2	219	11
12/11/24 15:25	1	6	7	3	20.2	81	3.5	210	8
12/11/24 15:30	1	5	6	3	20.3	81	4.2	213	6
12/11/24 15:35	1	4	4	2	20.2	82	3.9	210	6
12/11/24 15:40	0	3	3	2	20.3	83	4.2	227	7
12/11/24 15:45	0	3	3	2	20.2	83	3.7	208	8
12/11/24 15:50	0	2	3	2	20.1	82	3.7	207	7
12/11/24 15:55	0	2	2	2	20.0	81	3.3	213	4
12/11/24 16:00	0	2	2	2	20.1	81	2.6	216	7

Station Pier Ambient Air Quality Monitoring
November 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 (°)
12/11/24 16:05	0	2	2	3	20.2	80	2.0	204	10
12/11/24 16:10	0	2	2	2	20.3	79	3.7	234	9
12/11/24 16:15	0	2	2	2	20.4	81	6.0	222	7
12/11/24 16:20	0	2	2	3	20.2	81	4.3	211	7
12/11/24 16:25	0	2	2	3	20.3	81	4.0	213	6
12/11/24 16:30	0	9	10	2	20.2	79	3.9	211	7
12/11/24 16:35	0	2	3	2	20.3	80	4.6	217	4
12/11/24 16:40	0	2	2	3	20.2	80	5.9	220	7
12/11/24 16:45	0	2	2	2	20.1	83	8.2	226	5
12/11/24 16:50	0	2	2	3	19.9	82	8.5	233	6
12/11/24 16:55	0	2	3	3	19.5	82	7.8	238	7
12/11/24 17:00	0	3	3	2	19.3	83	7.3	230	8
12/11/24 17:05	0	3	3	2	19.2	84	6.7	230	7
12/11/24 17:10	0	3	4	2	19.1	84	6.7	229	8
12/11/24 17:15	0	4	4	3	19.0	84	6.4	224	7
12/11/24 17:20	1	17	18	2	18.9	85	4.8	220	8
12/11/24 17:25	6	22	28	2	18.7	86	3.9	221	8
12/11/24 17:30	4	15	19	2	18.7	85	3.3	217	13
12/11/24 17:35	1	4	6	2	18.8	85	3.8	206	11
12/11/24 17:40	1	5	6	3	18.8	84	3.8	208	7
12/11/24 17:45	1	5	6	2	18.9	84	3.7	197	9
12/11/24 17:50	1	5	6	3	18.9	84	3.7	207	7
12/11/24 17:55	1	7	8	3	18.9	85	3.7	191	4
12/11/24 18:00	1	8	9	2	18.9	85	3.1	185	7
12/11/24 18:05	1	6	7	2	19.0	84	2.7	182	10
12/11/24 18:10	1	4	4	3	19.1	86	2.5	191	8
12/11/24 18:15	0	3	3	3	18.9	86	2.7	187	7
12/11/24 18:20	0	3	3	2	18.8	87	2.5	198	6
12/11/24 18:25	0	3	3	2	18.8	87	2.6	210	9
12/11/24 18:30	0	3	3	2	18.8	87	3.0	225	6
12/11/24 18:35	0	3	4	3	18.8	87	2.3	239	8
12/11/24 18:40	0	4	5	2	18.9	86	1.4	255	10
12/11/24 18:45	0	4	5	2	18.8	85	0.7	239	18
12/11/24 18:50	0	4	4	2	18.8	85	2.2	248	8
12/11/24 18:55	0	4	4	2	19.1	85	2.0	259	8
12/11/24 19:00	0	6	6	2	19.0	84	1.7	255	6
12/11/24 19:05	0	7	7	3	19.1	84	0.9	285	19
12/11/24 19:10	0	7	8	3	19.0	83	1.5	296	10
12/11/24 19:15	0	8	9	3	19.1	82	1.2	305	11
12/11/24 19:20	0	9	10	2	19.2	82	1.4	288	9
12/11/24 19:25	0	10	10	2	19.2	82	1.1	276	20
12/11/24 19:30	0	11	11	2	19.3	81	1.0	276	17
12/11/24 19:35	0	14	14	3	19.3	81	1.1	288	14
12/11/24 19:40	0	16	16	3	19.3	80	1.0	286	16
12/11/24 19:45	0	17	17	3	19.4	80	1.0	303	18
12/11/24 19:50	0	17	17	3	19.4	79	0.8	297	17
12/11/24 19:55	0	18	18	3	19.4	80	0.9	302	12
12/11/24 20:00	0	19	19	3	19.4	79	0.7	314	15
12/11/24 20:05	1	21	22	2	19.3	79	0.3	266	42
12/11/24 20:10	8	39	47	2	19.4	80	0.7	14	24
12/11/24 20:15	28	33	61	2	19.5	80	0.5	14	24
12/11/24 20:20	20	36	56	2	19.5	80	0.6	95	32
12/11/24 20:25	12	32	44	2	19.4	80	1.0	122	15
12/11/24 20:30	13	33	47	2	19.4	81	0.6	123	35
12/11/24 20:35	9	35	44	2	19.4	82	1.6	88	9
12/11/24 20:40	0	30	31	2	19.4	83	1.6	90	6
12/11/24 20:45	0	30	30	2	19.4	84	0.7	84	21
12/11/24 20:50	0	29	29	2	19.4	83	1.1	92	12
12/11/24 20:55	0	27	28	3	19.4	84	1.1	83	7
12/11/24 21:00	1	27	27	2	19.5	84	1.4	81	8
12/11/24 21:05	1	27	27	2	19.5	85	1.0	74	14
12/11/24 21:10	1	27	27	3	19.5	84	1.0	42	14
12/11/24 21:15	1	26	27	3	19.3	84	1.1	56	16
12/11/24 21:20	1	26	27	3	19.5	84	1.1	90	11
12/11/24 21:25	1	26	26	3	19.5	84	1.5	87	10
12/11/24 21:30	1	25	26	3	19.5	84	1.0	79	16
12/11/24 21:35	1	24	25	2	19.4	83	1.0	38	19
12/11/24 21:40	1	24	24	3	19.3	83	1.6	47	11
12/11/24 21:45	1	23	23	3	19.3	83	1.6	50	10
12/11/24 21:50	0	22	23	3	19.3	83	1.5	50	15
12/11/24 21:55	1	23	23	3	19.2	83	1.9	47	12
12/11/24 22:00	1	23	24	3	19.2	83	2.4	54	12
12/11/24 22:05	1	23	24	3	19.1	82	1.8	62	14
12/11/24 22:10	1	23	23	3	19.1	82	1.8	47	13
12/11/24 22:15	1	22	23	3	19.2	82	1.7	40	10
12/11/24 22:20	1	22	23	3	19.0	82	1.5	29	11
12/11/24 22:25	1	22	24	3	19.2	82	1.5	23	12
12/11/24 22:30	1	22	23	3	19.1	81	1.5	26	14
12/11/24 22:35	1	21	22	3	19.3	80	2.0	28	13
12/11/24 22:40	1	19	20	3	19.4	79	1.7	27	15
12/11/24 22:45	0	16	17	3	19.5	78	1.9	27	13
12/11/24 22:50	0	14	14	3	19.6	78	1.7	33	12
12/11/24 22:55	0	13	13	3	19.5	78	1.6	23	11
12/11/24 23:00	0	13	13	3	19.5	78	1.7	20	11

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
12/11/24 23:05	0	13	13	3	19.6	78	1.9	23	13
12/11/24 23:10	0	12	12	3	19.6	78	1.5	24	15
12/11/24 23:15	0	12	12	3	19.7	78	1.4	26	12
12/11/24 23:20	0	12	12	3	19.7	78	1.3	14	19
12/11/24 23:25	0	12	12	3	19.7	79	1.0	10	27
12/11/24 23:30	0	12	12	3	19.6	79	1.1	6	18
12/11/24 23:35	0	12	12	3	19.5	79	1.0	351	20
12/11/24 23:40	0	12	13	3	19.4	80	0.8	356	33
12/11/24 23:45	0	12	13	3	19.2	80	0.9	4	19
12/11/24 23:50	0	12	13		19.2	81	0.8	3	21
12/11/24 23:55	0	12	13		19.1	81	0.6	30	24
13/11/24 00:00	0	13	13	3	19.0	82	0.9	29	11
13/11/24 00:05	0	13	13	3	18.9	82	0.5	27	19
13/11/24 00:10	0	13	13	2	18.8	82	0.7	348	30
13/11/24 00:15	0	12	13	2	18.8	83	0.9	342	20
13/11/24 00:20	0	12	13	2	18.7	83	0.9	336	18
13/11/24 00:25	0	13	14	2	18.8	83	0.8	323	23
13/11/24 00:30	0	15	15	2	18.8	83	0.9	346	24
13/11/24 00:35	0	16	16	2	18.7	83	0.8	359	32
13/11/24 00:40	0	17	17	2	18.6	84	0.9	358	30
13/11/24 00:45	0	18	18	2	18.6	84	1.2	334	28
13/11/24 00:50	0	18	18	2	18.6	84	1.0	342	28
13/11/24 00:55	0	17	18	2	18.6	84	0.7	358	39
13/11/24 01:00	0	17	17	2	18.6	84	0.6	350	39
13/11/24 01:05					18.5	84	0.4	331	51
13/11/24 01:10					18.5	85	0.6	331	38
13/11/24 01:15					18.4	85	0.5	348	31
13/11/24 01:20					18.4	85	0.4	352	38
13/11/24 01:25					18.3	85	0.8	313	31
13/11/24 01:30					18.3	85	1.0	337	20
13/11/24 01:35					18.3	85	0.9	338	16
13/11/24 01:40					18.3	85	0.9	323	20
13/11/24 01:45					18.5	85	1.0	313	14
13/11/24 01:50					18.4	85	0.8	315	20
13/11/24 01:55					18.4	85	0.3	26	37
13/11/24 02:00					18.3	85	0.7	4	20
13/11/24 02:05	2	26	28	2	18.1	86	0.8	352	16
13/11/24 02:10	2	25	27	2	18.1	86	0.6	317	19
13/11/24 02:15	2	23	26	2	18.1	86	0.2	335	44
13/11/24 02:20	2	23	25	2	18.0	86	0.5	329	10
13/11/24 02:25	2	22	24	2	17.8	87	0.8	321	11
13/11/24 02:30	2	22	24	2	17.9	87	0.8	339	18
13/11/24 02:35	2	22	24	2	17.9	87	0.8	28	10
13/11/24 02:40	2	22	24	2	17.8	87	0.7	15	15
13/11/24 02:45	1	22	23	2	17.8	88	0.5	345	23
13/11/24 02:50	1	22	24	1	17.9	87	0.4	278	23
13/11/24 02:55	2	23	25	1	18.1	88	0.7	267	18
13/11/24 03:00	2	23	26	1	18.1	87	0.6	269	21
13/11/24 03:05	4	23	27	1	18.3	87	0.9	223	18
13/11/24 03:10	16	17	33	1	18.4	87	1.9	234	11
13/11/24 03:15	18	25	43	1	18.3	87	2.4	257	8
13/11/24 03:20	14	26	40	1	18.2	86	1.1	321	26
13/11/24 03:25	13	25	39	1	18.1	85	0.9	344	22
13/11/24 03:30	14	25	39	1	18.2	85	0.5	318	28
13/11/24 03:35	14	25	40	1	18.0	85	0.4	350	32
13/11/24 03:40	15	25	40	2	18.1	85	0.4	356	27
13/11/24 03:45	15	25	40	2	18.1	85	0.3	345	30
13/11/24 03:50	16	25	40	2	18.2	85	0.5	3	28
13/11/24 03:55	16	25	40	2	18.1	85	0.8	19	11
13/11/24 04:00	16	24	40	2	18.1	85	1.5	23	8
13/11/24 04:05	15	24	40	2	18.1	85	1.6	24	10
13/11/24 04:10	14	24	38	2	18.1	85	1.0	31	15
13/11/24 04:15	12	24	36	2	18.1	85	0.7	34	17
13/11/24 04:20	10	23	33	2	18.1	85	0.8	66	11
13/11/24 04:25	8	22	30	2	18.2	85	0.6	82	18
13/11/24 04:30	7	23	30	2	18.1	85	0.3	105	36
13/11/24 04:35	7	23	30	2	18.3	85	0.3	30	35
13/11/24 04:40	8	23	30	2	18.3	85	0.5	305	14
13/11/24 04:45	7	23	30	2	18.3	84	0.5	278	18
13/11/24 04:50	7	23	30	2	18.3	84	0.7	279	37
13/11/24 04:55	9	24	32	2	18.4	83	1.5	282	12
13/11/24 05:00	18	24	42	2	18.4	82	1.4	281	21
13/11/24 05:05	20	25	45	2	18.6	81	1.4	281	17
13/11/24 05:10	23	25	48	2	18.4	81	1.5	273	18
13/11/24 05:15	46	22	68	2	18.5	83	2.5	263	9
13/11/24 05:20	48	23	71	2	18.4	84	1.1	269	19
13/11/24 05:25	45	24	69	2	18.1	83	0.9	264	19
13/11/24 05:30	39	28	66	2	18.2	83	0.6	355	18
13/11/24 05:35	38	27	65	2	18.2	83	0.6	347	25
13/11/24 05:40	39	27	66	2	18.1	82	0.5	283	56
13/11/24 05:45	38	27	65	2	18.4	84	3.7	227	9
13/11/24 05:50	48	26	74	2	18.3	82	4.0	241	9
13/11/24 05:55	17	22	40	2	18.3	81	2.5	257	8
13/11/24 06:00	27	19	46	2	18.2	80	1.4	276	16

Station Pier Ambient Air Quality Monitoring
November 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 (°)
13/11/24 06:05	68	26	95	2	18.3	81	2.7	255	7
13/11/24 06:10	67	23	90	2	18.2	81	2.8	251	10
13/11/24 06:15	40	24	64	2	18.2	82	2.2	261	10
13/11/24 06:20	32	26	58	2	18.2	83	0.7	296	25
13/11/24 06:25	69	23	92	2	18.0	83	0.9	249	24
13/11/24 06:30	66	25	91	2	18.1	84	1.8	231	10
13/11/24 06:35	25	24	50	2	18.1	84	1.0	209	13
13/11/24 06:40	24	24	48	2	18.2	84	0.9	181	22
13/11/24 06:45	10	20	30	2	18.3	85	1.1	194	14
13/11/24 06:50	9	18	27	2	18.2	85	2.3	211	6
13/11/24 06:55	48	24	73	2	18.0	86	1.8	214	5
13/11/24 07:00	30	24	54	2	18.1	86	0.7	211	14
13/11/24 07:05	12	22	34	2	18.0	86	0.5	221	20
13/11/24 07:10	29	21	50	2	18.0	87	0.5	130	23
13/11/24 07:15	33	23	56	2	18.1	87	0.6	171	28
13/11/24 07:20	30	22	52	2	18.2	86	0.4	187	23
13/11/24 07:25	29	22	51	2	18.4	86	0.3	345	40
13/11/24 07:30	21	18	39	2	18.4	85	0.1	88	72
13/11/24 07:35	16	21	36	2	18.6	84	0.4	274	27
13/11/24 07:40	8	21	29	2	18.6	83	0.5	258	21
13/11/24 07:45	5	19	24	2	18.6	83	0.4	319	29
13/11/24 07:50	4	18	22	2	18.7	83	0.7	131	14
13/11/24 07:55	4	17	21	2	18.8	83	0.7	151	37
13/11/24 08:00	4	17	21	2	18.8	84	0.8	208	17
13/11/24 08:05	190	12	201	2	18.9	85	0.4	135	39
13/11/24 08:10				2	18.8	85	0.3	74	40
13/11/24 08:15	4	15	19	2	18.6	86	0.7	2	16
13/11/24 08:20	4	17	21	2	18.5	88	1.0	51	23
13/11/24 08:25	5	18	23	2	18.4	89	0.5	45	33
13/11/24 08:30	9	18	27	2	18.4	89	0.4	42	26
13/11/24 08:35	9	17	26	2	18.6	89	0.1	34	88
13/11/24 08:40	9	17	26	2	18.6	86	0.5	242	30
13/11/24 08:45	7	17	24	2	18.6	84	0.4	214	26
13/11/24 08:50	6	17	23	2	18.9	86	0.7	173	19
13/11/24 08:55	5	16	21	2	19.0	85	1.2	169	16
13/11/24 09:00	3	9	12	2	19.0	85	1.4	180	16
13/11/24 09:05	2	9	11	2	18.8	84	2.0	193	5
13/11/24 09:10	2	10	12	2	18.6	84	1.6	203	8
13/11/24 09:15	2	10	12	2	18.7	84	2.4	217	13
13/11/24 09:20	2	11	12	2	18.9	86	4.6	221	6
13/11/24 09:25	1	3	4	2	18.9	86	4.5	233	13
13/11/24 09:30	2	20	22	2	18.9	85	4.8	245	8
13/11/24 09:35	3	14	17	2	18.9	84	6.6	248	10
13/11/24 09:40	4	11	15	2	18.8	85	6.4	242	8
13/11/24 09:45	3	9	12	2	18.7	85	6.9	246	7
13/11/24 09:50	4	11	15	2	18.4	86	7.9	248	6
13/11/24 09:55	5	13	18	2	18.1	88	6.1	254	7
13/11/24 10:00	6	16	21	2	18.1	88	6.1	249	9
13/11/24 10:05	6	12	18	2	18.1	88	5.4	251	7
13/11/24 10:10	6	12	18	2	18.1	88	5.6	247	10
13/11/24 10:15	6	12	18	2	17.9	88	6.8	224	20
13/11/24 10:20				2	17.4	91	8.2	207	4
13/11/24 10:25	9	3	11	2	17.2	92	8.9	201	5
13/11/24 10:30	4	3	6	2	17.0	93	8.8	200	5
13/11/24 10:35	4	9	12	2	16.8	94	8.5	199	6
13/11/24 10:40	10	6	16	2	16.6	94	9.3	199	6
13/11/24 10:45	4	2	6	2	16.5	94	9.8	201	4
13/11/24 10:50	1	1	2	2	16.4	95	9.2	201	5
13/11/24 10:55	2	4	6	2	16.3	95	9.1	199	5
13/11/24 11:00	3	3	5	2	16.3	95	9.0	199	5
13/11/24 11:05	1	1	2	2	16.3	96	8.4	204	4
13/11/24 11:10	1	2	3	2	16.3	96	7.8	201	6
13/11/24 11:15	1	1	2	2	16.2	96	7.2	205	7
13/11/24 11:20	1	1	2	2	16.3	96	7.1	205	6
13/11/24 11:25	1	1	2	2	16.2	96	7.8	203	7
13/11/24 11:30	1	1	1	2	16.1	96	8.6	203	5
13/11/24 11:35	1	1	1	2	16.0	95	8.8	203	5
13/11/24 11:40	1	1	2	2	16.0	94	8.4	205	6
13/11/24 11:45	1	3	4	2	15.9	95	7.0	202	5
13/11/24 11:50	4	9	13	2	15.9	94	7.0	197	6
13/11/24 11:55	3	3	6	2	16.0	91	7.4	198	6
13/11/24 12:00	6	5	12	2	16.3	89	6.5	198	7
13/11/24 12:05	12	9	21	2	16.4	86	6.7	199	6
13/11/24 12:10	5	5	10	2	16.6	85	6.9	199	6
13/11/24 12:15	5	9	14	2	16.7	83	7.7	198	4
13/11/24 12:20	9	6	15	2	16.8	83	6.5	197	6
13/11/24 12:25	22	16	38	2	16.7	82	6.1	192	9
13/11/24 12:30	30	18	48	2	16.8	83	5.3	189	10
13/11/24 12:35	23	12	35	2	16.8	83	5.4	189	9
13/11/24 12:40	14	13	27	2	16.8	83	4.9	189	10
13/11/24 12:45	19	17	37	2	16.9	81	5.0	186	10
13/11/24 12:50	21	16	37	2	17.0	81	5.0	187	11
13/11/24 12:55	67	13	80	2	17.0	79	5.4	187	9
13/11/24 13:00	28	15	43	2	17.1	78	5.4	188	11

Station Pier Ambient Air Quality Monitoring
November 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 (°)
13/11/24 13:05	12	8	20	2	17.0	77	5.5	184	9
13/11/24 13:10	13	9	22	2	17.0	75	5.5	186	11
13/11/24 13:15	33	2	35	2	17.1	72	5.8	187	9
13/11/24 13:20	21	11	31	2	17.3	70	5.9	185	10
13/11/24 13:25	31	13	44	2	17.3	69	6.3	186	9
13/11/24 13:30	20	10	29	2	17.6	69	5.7	185	12
13/11/24 13:35	32	10	43	2	17.6	68	6.1	191	10
13/11/24 13:40	32	21	53	2	17.7	67	5.8	188	8
13/11/24 13:45	17	12	29	2	17.7	66	6.8	184	8
13/11/24 13:50	22	10	32	2	17.8	67	6.2	187	9
13/11/24 13:55	18	13	31	2	18.1	68	5.5	184	10
13/11/24 14:00	17	10	27	2	18.1	68	5.6	183	12
13/11/24 14:05	24	15	39	2	18.3	67	5.2	181	11
13/11/24 14:10	14	12	26	2	18.2	67	5.6	178	14
13/11/24 14:15	37	20	56	2	18.2	67	4.8	183	12
13/11/24 14:20	29	14	43	3	18.4	65	5.1	180	12
13/11/24 14:25	11	9	20	3	18.4	66	5.0	178	12
13/11/24 14:30	9	8	17	3	18.6	67	4.3	177	14
13/11/24 14:35	10	6	16	3	18.7	67	3.8	177	14
13/11/24 14:40	10	7	17	3	18.9	67	4.2	180	13
13/11/24 14:45	24	11	34	3	18.9	66	4.6	182	13
13/11/24 14:50	17	10	27	3	18.9	68	4.2	180	15
13/11/24 14:55	16	6	23	3	19.0	66	4.2	181	15
13/11/24 15:00	20	7	27	2	19.0	66	4.7	179	11
13/11/24 15:05	8	5	13	2	18.9	67	4.7	177	15
13/11/24 15:10	7	4	11	2	18.9	67	4.6	175	12
13/11/24 15:15	16	10	26	2	18.8	66	4.6	179	12
13/11/24 15:20	10	6	16	2	19.0	68	4.0	175	16
13/11/24 15:25	6	4	10	2	19.0	68	4.1	175	18
13/11/24 15:30	7	5	12	2	19.0	66	4.2	178	13
13/11/24 15:35	8	4	12	3	19.0	65	4.5	178	16
13/11/24 15:40	8	5	13	2	19.1	67	4.1	178	11
13/11/24 15:45	7	6	13	3	19.0	65	4.7	178	14
13/11/24 15:50	13	7	20	2	18.8	66	4.3	175	15
13/11/24 15:55	5	4	9	2	19.1	65	4.3	173	15
13/11/24 16:00	3	3	6	2	19.2	65	4.0	172	15
13/11/24 16:05	16	2	17	2	19.1	65	4.1	175	13
13/11/24 16:10	4	4	8	2	19.2	65	3.5	168	18
13/11/24 16:15	7	5	11	2	19.3	65	3.6	174	18
13/11/24 16:20	5	7	13	2	19.0	67	3.8	178	17
13/11/24 16:25	3	3	7	2	18.8	68	3.7	173	14
13/11/24 16:30	0	1	2	2	18.3	70	3.5	167	19
13/11/24 16:35	0	1	1	2	18.2	71	3.7	167	19
13/11/24 16:40	0	1	1	2	18.3	70	3.7	167	17
13/11/24 16:45	0	1	1	2	18.5	69	3.9	174	17
13/11/24 16:50	1	1	2	2	18.7	69	4.2	179	15
13/11/24 16:55	0	1	1	2	18.7	68	4.3	179	13
13/11/24 17:00	0	2	2	2	18.7	69	4.7	175	15
13/11/24 17:05	0	1	1	2	18.6	69	5.8	176	10
13/11/24 17:10	0	2	2	2	18.4	71	5.2	178	10
13/11/24 17:15	1	2	3	2	18.3	73	4.3	178	17
13/11/24 17:20	1	2	3	2	18.0	73	4.5	176	14
13/11/24 17:25	0	1	2	2	17.9	75	4.2	173	12
13/11/24 17:30	0	1	2	2	17.8	77	4.1	170	16
13/11/24 17:35	0	2	2	2	17.8	76	4.6	173	13
13/11/24 17:40	0	1	2	2	17.9	76	4.9	176	12
13/11/24 17:45	0	1	2	2	17.5	76	5.5	181	9
13/11/24 17:50	0	1	2	2	17.4	77	4.9	177	13
13/11/24 17:55	0	1	2	2	17.4	77	5.6	182	11
13/11/24 18:00	0	2	2	2	17.2	78	5.8	179	11
13/11/24 18:05	0	2	2	2	17.2	79	5.6	180	11
13/11/24 18:10	0	2	2	2	17.2	78	5.9	183	9
13/11/24 18:15	0	1	1	2	17.2	79	5.9	182	10
13/11/24 18:20	0	1	1	2	17.1	79	5.9	178	11
13/11/24 18:25	0	1	2	2	17.0	80	5.5	182	10
13/11/24 18:30	0	1	2	2	17.0	79	6.0	181	12
13/11/24 18:35	0	1	2	2	16.9	79	6.0	177	11
13/11/24 18:40	0	1	1	2	16.8	78	6.5	177	10
13/11/24 18:45	0	1	1	2	16.9	78	5.7	179	13
13/11/24 18:50	0	1	1	2	16.9	77	5.6	179	11
13/11/24 18:55	0	1	1	2	16.9	77	5.1	178	11
13/11/24 19:00	0	1	1	2	16.9	77	5.3	178	11
13/11/24 19:05	0	1	1	3	16.8	73	6.8	182	9
13/11/24 19:10	0	1	1	2	16.8	75	6.2	182	10
13/11/24 19:15	0	1	1	2	16.7	73	5.8	184	8
13/11/24 19:20	0	1	1	2	16.8	73	6.2	182	8
13/11/24 19:25	0	1	1	2	16.7	72	4.7	178	11
13/11/24 19:30	0	1	1	2	16.7	75	5.2	177	12
13/11/24 19:35	0	1	1	2	16.7	73	5.5	180	11
13/11/24 19:40	0	0	1	2	16.7	73	5.9	182	10
13/11/24 19:45	0	0	0	2	16.6	72	5.8	180	10
13/11/24 19:50	0	0	0	2	16.6	72	5.6	180	13
13/11/24 19:55	0	0	0	2	16.5	71	6.2	179	12
13/11/24 20:00	0	0	0	2	16.5	73	5.6	178	11

Station Pier Ambient Air Quality Monitoring
November 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 (°)
13/11/24 20:05	0	0	0	2	16.5	70	7.0	184	8
13/11/24 20:10	0	0	0	2	16.5	70	6.5	181	8
13/11/24 20:15	0	1	1	2	16.4	68	5.8	185	7
13/11/24 20:20	0	1	1	2	16.4	70	6.6	185	7
13/11/24 20:25	0	1	1	2	16.4	69	6.7	185	8
13/11/24 20:30	0	1	1	2	16.4	69	6.8	186	6
13/11/24 20:35	0	1	1	2	16.5	70	5.7	185	9
13/11/24 20:40	0	1	1	2	16.5	70	7.0	189	7
13/11/24 20:45	0	1	1	2	16.4	69	6.8	187	8
13/11/24 20:50	0	1	1	2	16.5	69	6.6	186	8
13/11/24 20:55	0	1	2	2	16.4	69	6.4	188	7
13/11/24 21:00	0	1	1	2	16.4	69	7.2	188	7
13/11/24 21:05	0	1	1	2	16.4	69	6.4	186	8
13/11/24 21:10	0	1	1	2	16.4	70	6.1	183	9
13/11/24 21:15	0	1	1	2	16.5	70	7.5	191	6
13/11/24 21:20	0	1	1	2	16.5	66	6.7	187	8
13/11/24 21:25	0	1	2	2	16.4	67	6.6	184	8
13/11/24 21:30	0	1	1	2	16.4	70	6.4	186	8
13/11/24 21:35	0	1	1	2	16.5	71	5.9	183	8
13/11/24 21:40	0	1	1	2	16.4	67	6.5	187	7
13/11/24 21:45	0	1	1	2	16.4	69	7.1	191	6
13/11/24 21:50	0	1	1	2	16.4	67	5.9	187	8
13/11/24 21:55	0	1	1	2	16.5	65	5.6	185	8
13/11/24 22:00	0	1	1	2	16.4	66	6.0	188	8
13/11/24 22:05	0	1	1	2	16.4	67	5.3	185	9
13/11/24 22:10	0	1	1	3	16.4	68	5.6	184	10
13/11/24 22:15	0	1	1	3	16.3	70	5.8	190	5
13/11/24 22:20	0	1	1	3	16.3	70	4.4	183	12
13/11/24 22:25	0	1	1	3	16.3	73	5.8	200	9
13/11/24 22:30	0	1	2	3	16.3	75	6.8	207	5
13/11/24 22:35	0	2	2	3	16.3	75	6.2	203	5
13/11/24 22:40	0	3	3	3	16.3	73	5.0	181	16
13/11/24 22:45	0	1	1	2	16.1	69	5.1	182	9
13/11/24 22:50	0	0	1	2	16.1	70	4.5	179	14
13/11/24 22:55	0	0	1	2	16.1	69	5.5	180	9
13/11/24 23:00	0	0	1	2	16.1	68	5.6	184	10
13/11/24 23:05	0	1	1	2	16.1	68	5.4	185	9
13/11/24 23:10	0	1	1	2	16.1	66	5.6	185	9
13/11/24 23:15	0	1	1	2	16.1	66	5.3	182	9
13/11/24 23:20	0	1	1	2	16.0	65	5.7	185	8
13/11/24 23:25	0	1	1	3	16.0	66	5.5	185	10
13/11/24 23:30	0	1	0	3	16.0	64	5.3	187	8
13/11/24 23:35	0	0	0	3	16.1	62	5.7	186	8
13/11/24 23:40	0	0	0	2	16.1	64	6.3	191	7
13/11/24 23:45	0	0	0	2	16.1	63	6.6	191	8
13/11/24 23:50	0	0	0		16.0	59	6.5	184	8
13/11/24 23:55	0	0	0		15.9	64	7.2	190	6
14/11/24 00:00	0	1	1	2	16.0	64	5.2	185	8
14/11/24 00:05	0	1	1	3	15.9	65	4.8	190	9
14/11/24 00:10	0	1	1	3	16.0	66	4.9	182	11
14/11/24 00:15	0	1	1	4	15.8	64	5.1	180	11
14/11/24 00:20	0	1	1	4	16.0	64	4.8	181	10
14/11/24 00:25	0	1	1	4	16.0	68	5.8	190	8
14/11/24 00:30	0	0	1	4	16.0	67	5.4	193	12
14/11/24 00:35	0	0	0	4	15.9	63	4.8	182	10
14/11/24 00:40	0	0	0	4	15.9	62	4.8	189	7
14/11/24 00:45	0	0	0	4	15.9	63	5.6	187	8
14/11/24 00:50	0	0	0	4	15.9	64	4.6	186	10
14/11/24 00:55	0	0	0	4	15.8	64	5.6	190	7
14/11/24 01:00	0	0	1	4	15.9	67	6.4	200	7
14/11/24 01:05					15.8	65	6.9	200	11
14/11/24 01:10					15.9	66	6.6	199	6
14/11/24 01:15					15.8	66	6.8	196	4
14/11/24 01:20					15.7	63	5.6	188	7
14/11/24 01:25					15.5	61	5.2	183	9
14/11/24 01:30					15.5	63	4.8	178	11
14/11/24 01:35					15.7	65	5.1	187	8
14/11/24 01:40					15.4	62	5.1	181	11
14/11/24 01:45					15.5	62	5.5	186	9
14/11/24 01:50					15.5	60	4.9	178	10
14/11/24 01:55					15.3	60	4.8	184	13
14/11/24 02:00					15.4	61	3.9	177	15
14/11/24 02:05	0	0	1	3	15.4	60	4.8	177	11
14/11/24 02:10	0	0	1	2	15.1	58	4.7	182	9
14/11/24 02:15	0	0	1	2	15.2	61	4.1	183	11
14/11/24 02:20	0	0	1	2	15.2	62	4.4	180	11
14/11/24 02:25	0	1	1	2	15.3	65	5.5	192	12
14/11/24 02:30	0	1	0	3	15.4	66	5.9	193	6
14/11/24 02:35	0	1	1	2	15.4	63	5.4	191	10
14/11/24 02:40	0	1	1	2	15.2	60	4.8	183	8
14/11/24 02:45	0	1	1	2	15.1	62	5.0	192	10
14/11/24 02:50	0	1	1	2	15.2	64	5.5	195	10
14/11/24 02:55	0	1	1	2	15.2	67	6.8	197	6
14/11/24 03:00	0	1	1	3	15.2	64	6.1	201	13

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
14/11/24 03:05	0	1	1	3	15.2	64	5.3	195	14
14/11/24 03:10	0	1	1	3	15.2	65	6.0	197	6
14/11/24 03:15	0	1	2	3	15.2	63	5.5	192	9
14/11/24 03:20	0	1	1	3	15.2	62	4.3	187	11
14/11/24 03:25	0	1	1	2	15.2	65	6.1	201	6
14/11/24 03:30	0	1	1	2	15.0	65	5.5	201	12
14/11/24 03:35	0	1	1	2	15.0	64	5.8	195	10
14/11/24 03:40	0	1	1	2	15.0	65	5.2	209	6
14/11/24 03:45	0	1	1	2	14.9	67	6.8	208	9
14/11/24 03:50	0	1	1	3	15.0	67	6.4	210	5
14/11/24 03:55	0	1	1	3	15.0	68	7.2	212	6
14/11/24 04:00	0	1	1	2	14.9	66	7.2	204	6
14/11/24 04:05	0	2	2	3	14.8	65	5.2	193	10
14/11/24 04:10	0	2	2	2	14.7	63	4.4	185	9
14/11/24 04:15	0	2	2	2	14.8	64	3.6	181	14
14/11/24 04:20	0	2	3	2	14.8	61	4.0	176	11
14/11/24 04:25	0	2	2	3	14.9	59	3.9	176	15
14/11/24 04:30	0	2	2	2	14.8	62	3.7	177	11
14/11/24 04:35	0	1	2	2	15.0	63	3.8	175	12
14/11/24 04:40	0	1	1	2	14.8	61	3.9	173	18
14/11/24 04:45	0	1	1	2	14.8	60	2.3	155	24
14/11/24 04:50	0	1	1	2	14.8	61	2.3	154	27
14/11/24 04:55	0	1	1	2	14.7	63	4.5	187	15
14/11/24 05:00	0	1	1	2	14.7	65	4.6	189	15
14/11/24 05:05	0	1	1	2	14.9	65	4.7	185	13
14/11/24 05:10	0	1	1	2	14.9	63	3.4	170	13
14/11/24 05:15	0	1	1	2	14.8	64	3.7	178	15
14/11/24 05:20	0	1	1	2	14.8	63	3.5	174	16
14/11/24 05:25	0	0	0	2	14.8	63	3.2	176	18
14/11/24 05:30	0	0	0	2	14.7	61	4.4	181	11
14/11/24 05:35	0	0	1	2	14.7	62	3.5	176	16
14/11/24 05:40	0	1	1	3	14.7	60	4.7	184	10
14/11/24 05:45	0	0	1	3	14.6	58	3.9	183	9
14/11/24 05:50	0	0	1	3	14.5	60	3.3	182	11
14/11/24 05:55	0	0	1	3	14.7	60	2.9	158	26
14/11/24 06:00	0	0	0	3	14.5	59	3.4	153	24
14/11/24 06:05	0	0	0	2	14.7	62	2.7	163	22
14/11/24 06:10	0	0	0	2	14.8	62	2.9	152	24
14/11/24 06:15	0	0	0	2	14.7	62	3.0	151	27
14/11/24 06:20	0	0	0	2	14.7	60	2.5	149	24
14/11/24 06:25	0	0	1	2	14.7	61	2.6	150	28
14/11/24 06:30	0	1	1	2	14.9	63	2.7	167	23
14/11/24 06:35	1	1	2	2	14.8	63	2.7	167	21
14/11/24 06:40	1	1	2	2	14.9	63	3.3	169	19
14/11/24 06:45	1	1	2	2	14.8	62	2.9	158	27
14/11/24 06:50	1	1	2	3	14.9	64	3.1	160	22
14/11/24 06:55	1	1	1	3	15.0	63	3.3	150	22
14/11/24 07:00	0	1	1	3	14.9	63	3.8	142	21
14/11/24 07:05	0	1	1	2	14.9	64	4.1	177	16
14/11/24 07:10	0	1	1	3	14.9	62	4.3	177	13
14/11/24 07:15	0	1	1	2	14.9	63	3.9	177	12
14/11/24 07:20	0	1	1	3	14.9	63	4.4	178	11
14/11/24 07:25	0	1	1	2	14.9	62	3.3	167	20
14/11/24 07:30	0	1	1	2	14.9	60	3.4	178	16
14/11/24 07:35	0	1	1	2	14.8	60	3.0	182	11
14/11/24 07:40	0	0	1	2	14.9	60	2.1	155	28
14/11/24 07:45	0	0	1	2	15.1	62	2.7	168	23
14/11/24 07:50	0	0	1	2	15.0	62	2.8	169	17
14/11/24 07:55	0	0	1	2	14.8	61	2.9	164	20
14/11/24 08:00	0	0	1	2	14.8	61	2.8	132	20
14/11/24 08:05	0	0	1	2	14.7	61	3.7	142	21
14/11/24 08:10	0	0	1	2	14.7	60	4.4	136	14
14/11/24 08:15	0	0	1	2	14.7	63	3.9	141	21
14/11/24 08:20	0	0	1	2	14.6	61	4.7	132	12
14/11/24 08:25	0	0	1	2	14.5	60	3.5	133	25
14/11/24 08:30	0	0	1	3	14.5	61	3.9	126	15
14/11/24 08:35	0	0	1	3	14.8	64	3.6	147	24
14/11/24 08:40	0	0	1	3	14.7	60	4.5	130	11
14/11/24 08:45	0	0	1	2	14.5	61	4.4	123	13
14/11/24 08:50	0	0	1	2	14.7	62	3.1	113	20
14/11/24 08:55	0	1	1	3	14.9	62	3.2	168	20
14/11/24 09:00	0	1	1	3	15.1	61	3.2	163	24
14/11/24 09:05	0	1	1	3	15.1	60	2.7	163	25
14/11/24 09:10	0	1	1	2	15.0	60	3.0	152	26
14/11/24 09:15	0	1	0	3	15.1	61	2.6	156	23
14/11/24 09:20	0	1	0	3	15.3	60	2.5	162	26
14/11/24 09:25	0	1	0	3	15.5	58	2.4	164	27
14/11/24 09:30	0	1	0	2	15.5	58	2.3	154	26
14/11/24 09:35	0	0	0	2	15.5	56	2.3	143	26
14/11/24 09:40	0	0	0	3	15.5	56	2.8	148	22
14/11/24 09:45	0	1	0	3	15.6	55	3.6	143	19
14/11/24 09:50	0	0	0	3	15.5	56	3.0	138	24
14/11/24 09:55	0	0	0	3	15.4	56	3.9	137	17
14/11/24 10:00	0	0	1	3	15.2	57	3.8	144	18

Station Pier Ambient Air Quality Monitoring
November 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 (°)
14/11/24 10:05	0	0	1	3	15.7	57	3.3	150	19
14/11/24 10:10	0	0	1	3	15.8	55	3.2	151	20
14/11/24 10:15	0	0	1	3	15.7	55	4.0	139	20
14/11/24 10:20	0	0	1	3	15.6	56	2.8	145	20
14/11/24 10:25	0	0	1	3	15.7	57	2.7	154	23
14/11/24 10:30	0	0	1	3	15.8	54	4.4	137	19
14/11/24 10:35	0	0	1	3	15.8	56	2.6	153	26
14/11/24 10:40	0	1	1	3	16.3	53	2.6	141	27
14/11/24 10:45	0	1	1	3	16.1	53	3.6	134	15
14/11/24 10:50	0	1	1	3	16.2	53	2.6	139	24
14/11/24 10:55	0	1	1	3	16.3	53	2.4	145	24
14/11/24 11:00	0	1	1	3	16.6	52	2.4	151	22
14/11/24 11:05	0	1	1	3	16.7	50	2.4	148	23
14/11/24 11:10	0	1	1	3	16.9	54	2.7	170	17
14/11/24 11:15	0	1	1	3	17.1	54	3.7	179	12
14/11/24 11:20	0	1	1	3	17.3	53	2.8	176	17
14/11/24 11:25	0	1	1	3	17.3	51	3.0	163	19
14/11/24 11:30	0	1	1	3	17.2	52	2.9	156	23
14/11/24 11:35	0	1	1	3	17.1	51	2.3	154	30
14/11/24 11:40	0	1	1	3	17.1	53	3.0	171	17
14/11/24 11:45	0	1	1	3	17.3	51	3.1	158	19
14/11/24 11:50	0	1	1	3	17.2	53	2.9	168	21
14/11/24 11:55	0	1	1	3	17.4	51	3.1	165	16
14/11/24 12:00	0	1	1	3	17.3	52	2.6	161	22
14/11/24 12:05	0	1	1	3	17.1	52	2.9	172	26
14/11/24 12:10	0	1	1	3	16.9	53	3.6	184	12
14/11/24 12:15	1	1	2	3	16.7	55	4.0	186	11
14/11/24 12:20	1	1	2	3	16.6	56	4.5	190	11
14/11/24 12:25	0	1	1	2	16.5	55	4.3	186	12
14/11/24 12:30	0	1	1	3	16.2	55	5.0	189	9
14/11/24 12:35	0	1	1	2	16.1	57	5.4	192	4
14/11/24 12:40	1	1	1	2	16.2	56	4.0	185	12
14/11/24 12:45	1	1	1	2	16.9	54	3.1	180	15
14/11/24 12:50	0	1	1	2	17.6	53	3.1	185	13
14/11/24 12:55	0	1	2	2	16.7	54	4.2	190	9
14/11/24 13:00	1	2	2	2	17.1	56	3.3	184	13
14/11/24 13:05	2	3	4	2	16.9	52	3.9	187	12
14/11/24 13:10	3	4	6	3	17.4	51	4.0	182	10
14/11/24 13:15	1	1	3	3	17.6	51	4.5	186	13
14/11/24 13:20	1	1	2	2	17.2	54	4.8	188	11
14/11/24 13:25	1	1	2	2	16.8	54	4.2	189	9
14/11/24 13:30	1	2	3	2	16.5	53	4.9	194	6
14/11/24 13:35	1	1	2	2	16.2	56	5.4	194	5
14/11/24 13:40	1	1	2	2	16.9	56	3.8	183	11
14/11/24 13:45	1	1	2	3	17.6	54	3.6	182	12
14/11/24 13:50	1	1	2	3	17.5	54	4.1	187	10
14/11/24 13:55	1	1	2	3	17.4	53	4.1	185	10
14/11/24 14:00	0	1	2	3	17.5	55	4.5	187	10
14/11/24 14:05	0	1	1	3	17.5	55	4.8	188	9
14/11/24 14:10	0	1	1	2	17.2	54	4.8	187	9
14/11/24 14:15	0	1	1	2	17.4	54	5.0	187	8
14/11/24 14:20	0	1	1	2	17.1	55	5.9	191	5
14/11/24 14:25	0	1	1	2	16.8	57	5.9	190	6
14/11/24 14:30	1	2	3	3	16.6	59	6.4	193	6
14/11/24 14:35	2	4	7	3	16.9	57	5.4	188	8
14/11/24 14:40	1	0	1	3	17.0	58	6.4	190	5
14/11/24 14:45	1	0	1	3	16.7	58	6.6	194	6
14/11/24 14:50	0	0	1	3	16.7	59	6.1	191	5
14/11/24 14:55	0	0	1	3	17.1	58	5.3	189	8
14/11/24 15:00	0	0	1	3	17.2	56	5.6	188	8
14/11/24 15:05	0	1	1	3	17.2	57	5.2	188	9
14/11/24 15:10	0	0	1	3	17.5	55	4.6	185	11
14/11/24 15:15	0	0	1	3	17.6	57	5.1	187	10
14/11/24 15:20	0	1	1	3	17.4	58	6.7	190	6
14/11/24 15:25	1	1	1	3	17.1	59	5.7	187	9
14/11/24 15:30	1	1	1	3	17.3	57	5.9	190	8
14/11/24 15:35	0	0	1	3	17.1	56	5.7	185	10
14/11/24 15:40	0	0	1	2	17.3	57	6.4	190	7
14/11/24 15:45	0	0	1	2	17.0	55	5.8	187	7
14/11/24 15:50	0	0	1	2	17.4	56	5.6	188	10
14/11/24 15:55	1	1	2	2	17.5	56	5.0	182	8
14/11/24 16:00	0	1	1	2	17.7	54	5.2	187	11
14/11/24 16:05	0	1	1	2	17.6	55	5.4	185	8
14/11/24 16:10	0	1	1	2	17.7	56	5.0	183	11
14/11/24 16:15	0	1	1	3	17.8	53	5.0	182	11
14/11/24 16:20	0	1	1	2	17.6	54	5.8	187	8
14/11/24 16:25	0	1	1	2	17.6	53	5.8	186	9
14/11/24 16:30	0	1	1	2	17.5	52	6.2	185	9
14/11/24 16:35	0	0	0	3	17.6	54	5.2	177	10
14/11/24 16:40	0	1	0	3	17.5	55	5.1	180	11
14/11/24 16:45	0	1	1	2	17.6	56	5.4	187	9
14/11/24 16:50	0	1	1	3	17.4	53	4.7	182	10
14/11/24 16:55	0	0	1	3	17.7	55	4.9	181	11
14/11/24 17:00	0	0	1	3	17.8	55	4.9	187	11

Station Pier Ambient Air Quality Monitoring

November 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 (°)
14/11/24 17:05	1	5	5	3	17.9	56	4.9	183	11
14/11/24 17:10	1	4	5	3	17.7	58	5.5	180	10
14/11/24 17:15	1	1	2	3	17.6	59	4.7	177	14
14/11/24 17:20	1	0	1	3	17.5	60	4.6	175	11
14/11/24 17:25	0	0	1	3	17.4	59	4.9	180	11
14/11/24 17:30	0	1	1	2	17.4	61	5.0	173	13
14/11/24 17:35	0	1	1	3	17.3	60	4.9	177	14
14/11/24 17:40	0	1	2	3	17.5	59	4.8	178	13
14/11/24 17:45	0	1	1	3	17.4	56	5.0	179	12
14/11/24 17:50	0	1	1	3	17.3	54	4.9	179	12
14/11/24 17:55	0	1	1	3	17.3	56	5.0	178	12
14/11/24 18:00	0	1	1	3	17.3	57	4.4	181	13
14/11/24 18:05	0	1	2	3	17.4	55	4.8	179	14
14/11/24 18:10	0	1	2	3	17.3	57	4.3	177	12
14/11/24 18:15	0	1	2	3	17.3	56	5.2	182	10
14/11/24 18:20	0	1	2	3	17.1	55	5.1	179	11
14/11/24 18:25	0	1	1	3	17.0	56	4.8	179	10
14/11/24 18:30	0	1	1	3	16.9	56	5.2	178	13
14/11/24 18:35	0	1	1	3	16.8	56	4.6	177	14
14/11/24 18:40	0	1	2	3	16.8	57	4.9	179	11
14/11/24 18:45	0	1	1	3	16.7	58	4.8	177	12
14/11/24 18:50	0	1	1	3	16.7	58	4.5	180	11
14/11/24 18:55	0	1	1	3	16.5	56	4.8	179	11
14/11/24 19:00	0	1	1	3	16.3	56	5.4	179	11
14/11/24 19:05	0	1	1	3	16.2	57	4.6	177	13
14/11/24 19:10	0	1	1	3	16.2	58	4.4	178	12
14/11/24 19:15	0	1	1	3	16.1	58	4.3	179	12
14/11/24 19:20	0	1	1	3	16.1	59	4.4	178	14
14/11/24 19:25	0	1	1	3	16.1	59	3.4	170	16
14/11/24 19:30	0	1	1	3	16.1	59	4.1	177	12
14/11/24 19:35	0	1	1	3	16.1	59	4.4	181	11
14/11/24 19:40	0	1	1	3	16.1	61	4.1	171	18
14/11/24 19:45	0	1	1	3	16.1	60	4.4	176	15
14/11/24 19:50	0	1	1	2	16.1	60	4.1	176	15
14/11/24 19:55	0	1	1	2	16.0	59	3.7	175	19
14/11/24 20:00	0	0	1	2	16.1	59	3.3	164	18
14/11/24 20:05	0	0	1	3	16.1	60	3.1	165	20
14/11/24 20:10	0	0	1	3	16.2	60	3.9	171	18
14/11/24 20:15	0	0	0	3	16.1	60	3.4	174	20
14/11/24 20:20	0	0	0	3	16.1	59	3.7	170	18
14/11/24 20:25	0	0	1	3	16.0	61	3.4	162	19
14/11/24 20:30	0	0	1	3	15.9	61	3.3	162	23
14/11/24 20:35	0	0	1	3	15.9	61	3.0	163	21
14/11/24 20:40	0	0	1	3	15.8	59	4.7	143	18
14/11/24 20:45	0	0	1	3	15.7	61	3.3	157	21
14/11/24 20:50	0	0	0	3	15.7	61	2.9	154	26
14/11/24 20:55	0	0	0	3	15.7	61	3.5	159	19
14/11/24 21:00	0	0	0	3	15.7	59	3.9	144	25
14/11/24 21:05	0	0	0	3	15.6	59	3.8	146	23
14/11/24 21:10	0	0	0	3	15.7	61	3.2	160	29
14/11/24 21:15	0	0	0	3	15.7	61	3.1	158	25
14/11/24 21:20	0	0	0	3	15.6	59	3.4	146	22
14/11/24 21:25	0	0	0	3	15.6	61	3.5	148	21
14/11/24 21:30	0	0	0	3	15.7	63	3.0	160	22
14/11/24 21:35	0	0	0	3	15.7	62	3.2	148	22
14/11/24 21:40	0	0	0	3	15.7	65	3.5	142	21
14/11/24 21:45	0	0	0	3	15.4	65	3.9	137	20
14/11/24 21:50	0	0	0	2	15.5	67	3.0	145	25
14/11/24 21:55	0	0	0	3	15.5	66	4.0	145	22
14/11/24 22:00	0	0	0	3	15.6	67	2.9	161	22
14/11/24 22:05	0	0	0	3	15.5	68	3.1	145	29
14/11/24 22:10	0	0	0	3	15.5	67	4.2	125	14
14/11/24 22:15	0	0	0	3	15.3	67	3.7	110	18
14/11/24 22:20	0	0	0	3	15.4	68	3.7	112	14
14/11/24 22:25	0	0	1	3	15.4	67	3.9	111	14
14/11/24 22:30	0	0	1	3	15.4	67	3.5	116	17
14/11/24 22:35	0	0	1	2	15.4	68	3.8	123	15
14/11/24 22:40	0	0	1	2	15.2	68	4.6	123	16
14/11/24 22:45	0	1	1	3	15.2	68	4.2	125	13
14/11/24 22:50	0	1	1	3	15.4	71	3.0	152	30
14/11/24 22:55	0	0	0	3	15.5	70	3.2	152	24
14/11/24 23:00	0	0	0	3	15.5	70	3.6	144	21
14/11/24 23:05	0	0	0	3	15.4	69	3.4	148	28
14/11/24 23:10	0	0	0	3	15.3	68	5.1	137	19
14/11/24 23:15	0	0	0	2	15.4	69	3.1	148	30
14/11/24 23:20	0	0	0	2	15.5	68	3.1	163	21
14/11/24 23:25	0	1	1	3	15.5	65	3.8	162	16
14/11/24 23:30	0	1	1	3	15.3	61	3.0	151	25
14/11/24 23:35	0	1	1	3	15.3	58	2.8	150	23
14/11/24 23:40	0	1	1	3	15.3	59	3.0	144	25
14/11/24 23:45	0	1	1	3	15.4	59	3.0	149	25
14/11/24 23:50	0	1	1		15.3	62	3.3	112	18
14/11/24 23:55	0	1	1		15.2	63	3.5	117	16
15/11/24 00:00	0	1	1	2	15.2	64	4.0	113	16

Station Pier Ambient Air Quality Monitoring

November 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 (°)
15/11/24 00:05	0	1	1	2	15.2	66	3.4	111	15
15/11/24 00:10	0	1	1	2	15.2	65	3.4	109	14
15/11/24 00:15	0	1	1	2	15.2	66	4.1	108	10
15/11/24 00:20	0	1	1	2	15.2	66	3.2	108	17
15/11/24 00:25	0	1	1	2	15.0	65	2.8	109	18
15/11/24 00:30	0	1	1	2	15.0	64	4.6	106	9
15/11/24 00:35	0	1	1	2	15.0	65	4.5	103	6
15/11/24 00:40	0	1	1	2	15.0	66	4.5	102	8
15/11/24 00:45	0	1	1	2	14.9	68	4.4	102	9
15/11/24 00:50	0	1	1	2	14.8	68	4.1	107	10
15/11/24 00:55	0	1	1	2	14.7	68	3.5	106	11
15/11/24 01:00	0	1	1	2	14.6	69	3.3	111	13
15/11/24 01:05					14.7	70	3.0	106	15
15/11/24 01:10					14.8	70	3.7	94	8
15/11/24 01:15					14.5	68	3.9	90	8
15/11/24 01:20					14.3	68	3.3	89	6
15/11/24 01:25					14.3	68	3.2	91	7
15/11/24 01:30					14.2	69	3.4	89	7
15/11/24 01:35					14.1	69	3.3	91	5
15/11/24 01:40					14.3	70	3.6	94	7
15/11/24 01:45					14.4	70	3.0	99	12
15/11/24 01:50					14.5	71	3.3	99	10
15/11/24 01:55					14.5	71	3.8	98	8
15/11/24 02:00					14.6	69	4.5	101	8
15/11/24 02:05	0	2	2	2	14.6	69	3.3	102	10
15/11/24 02:10	0	2	2	2	14.5	68	4.0	100	9
15/11/24 02:15	0	2	2	2	14.4	68	3.2	91	8
15/11/24 02:20	0	2	3	2	14.3	66	3.8	92	7
15/11/24 02:25	0	3	3	2	14.4	66	3.5	94	7
15/11/24 02:30	0	3	3	2	14.3	67	3.4	91	6
15/11/24 02:35	0	3	3	2	14.1	65	3.6	89	7
15/11/24 02:40	0	3	3	2	14.0	66	3.7	91	6
15/11/24 02:45	0	3	3	2	14.0	66	4.3	89	5
15/11/24 02:50	0	3	3	2	13.9	66	3.7	88	5
15/11/24 02:55	0	3	3	2	13.9	68	3.7	90	7
15/11/24 03:00	0	3	3	2	13.9	67	3.7	91	6
15/11/24 03:05	0	3	3	2	13.8	67	3.6	89	7
15/11/24 03:10	0	3	3	2	13.7	67	4.0	91	5
15/11/24 03:15	0	3	3	2	13.7	67	3.5	92	6
15/11/24 03:20	0	3	3	2	13.7	67	3.7	91	5
15/11/24 03:25	0	3	3	2	13.6	68	3.9	92	7
15/11/24 03:30	0	3	3	2	13.6	68	3.6	94	10
15/11/24 03:35	0	3	3	2	13.6	66	3.6	91	8
15/11/24 03:40	0	3	3	2	13.6	66	3.8	93	5
15/11/24 03:45	0	3	3	2	13.6	66	3.9	93	5
15/11/24 03:50	0	3	3	2	13.6	64	4.1	91	5
15/11/24 03:55	0	3	3	2	13.5	65	4.0	92	6
15/11/24 04:00	0	3	3	2	13.4	64	4.0	91	6
15/11/24 04:05	0	3	3	2	13.4	65	4.0	91	6
15/11/24 04:10	0	3	3	2	13.4	65	3.8	90	5
15/11/24 04:15	0	3	3	2	13.2	66	3.7	90	5
15/11/24 04:20	0	3	3	2	13.2	66	3.5	93	6
15/11/24 04:25	0	4	4	2	13.3	68	3.2	92	5
15/11/24 04:30	0	4	4	2	13.1	68	3.3	90	4
15/11/24 04:35	0	5	5	2	13.1	68	3.4	90	5
15/11/24 04:40	0	5	5	2	13.2	68	3.7	88	5
15/11/24 04:45	0	6	6	2	13.0	68	3.1	89	5
15/11/24 04:50	0	7	7	2	13.0	69	3.0	91	5
15/11/24 04:55	0	8	8	2	13.0	67	2.7	88	8
15/11/24 05:00	0	8	9	2	13.2	69	2.2	94	7
15/11/24 05:05	0	9	9	2	13.2	69	2.1	107	13
15/11/24 05:10	0	9	9	2	13.2	68	2.8	94	5
15/11/24 05:15	0	9	9	2	13.4	67	2.4	96	15
15/11/24 05:20	0	9	9	2	13.6	66	2.8	91	7
15/11/24 05:25	0	9	10	2	13.5	65	2.5	91	7
15/11/24 05:30	1	10	10	2	13.5	64	2.8	91	4
15/11/24 05:35	1	10	11	2	13.6	66	2.6	97	9
15/11/24 05:40	1	11	12	2	13.7	65	2.3	91	13
15/11/24 05:45	1	11	12	2	13.7	64	2.5	86	9
15/11/24 05:50	2	12	14	2	13.6	63	2.4	84	9
15/11/24 05:55	2	13	15	2	13.7	63	3.0	94	8
15/11/24 06:00	2	12	15	2	14.0	64	3.5	103	9
15/11/24 06:05	2	12	14	2	14.1	64	2.6	107	13
15/11/24 06:10	2	12	14	2	14.1	64	3.0	94	9
15/11/24 06:15	2	12	14	2	14.0	63	3.2	95	8
15/11/24 06:20	3	13	15	2	14.1	62	3.0	89	10
15/11/24 06:25	3	13	16	2	14.0	60	3.5	88	7
15/11/24 06:30	4	13	17	2	14.0	60	3.7	85	10
15/11/24 06:35	9	11	20	2	14.0	60	3.0	78	10
15/11/24 06:40	5	13	18	2	14.1	60	3.0	80	10
15/11/24 06:45	5	13	18	2	14.2	62	3.5	98	9
15/11/24 06:50	5	13	18	3	14.4	61	3.4	93	7
15/11/24 06:55	6	16	22	3	14.5	61	3.4	94	6
15/11/24 07:00	12	21	33	2	14.6	61	3.1	102	8

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
15/11/24 07:05	4	9	13	2	14.6	60	3.5	102	6
15/11/24 07:10	4	10	14	2	14.7	61	2.8	107	11
15/11/24 07:15	5	10	16	2	14.7	60	3.3	105	7
15/11/24 07:20	9	11	20	2	14.7	60	3.2	105	8
15/11/24 07:25	2	9	11	2	14.8	60	3.5	95	9
15/11/24 07:30	3	9	12	2	14.8	59	3.9	96	8
15/11/24 07:35	8	7	16	2	14.8	59	3.0	111	15
15/11/24 07:40	4	8	12	2	15.2	58	3.1	107	13
15/11/24 07:45	4	8	12	2	15.3	57	3.3	114	13
15/11/24 07:50	3	7	10	2	15.4	58	4.3	102	11
15/11/24 07:55	4	6	10	2	15.7	55	2.9	123	18
15/11/24 08:00	2	4	6	2	15.7	54	2.6	124	21
15/11/24 08:05	3	4	6	2	15.7	55	2.4	137	19
15/11/24 08:10	3	5	7	2	15.8	55	2.5	143	22
15/11/24 08:15	4	5	8	2	15.9	57	2.4	154	22
15/11/24 08:20	4	3	7	2	16.0	57	2.0	156	29
15/11/24 08:25	4	4	8	2	16.2	56	1.7	159	24
15/11/24 08:30	4	4	8	2	16.4	56	2.4	160	26
15/11/24 08:35	5	5	10	2	16.4	58	2.6	169	19
15/11/24 08:40	12	30	42	2	16.4	57	3.3	180	10
15/11/24 08:45	5	5	10	2	16.3	58	2.9	178	14
15/11/24 08:50	6	7	13	2	16.3	59	3.1	185	10
15/11/24 08:55	4	4	9	2	16.3	58	2.4	171	27
15/11/24 09:00	2	3	5	2	16.7	57	2.8	170	19
15/11/24 09:05	2	4	6	2	16.9	55	1.8	151	24
15/11/24 09:10	3	7	10	2	17.2	53	2.0	148	31
15/11/24 09:15	1	2	3	2	17.3	54	2.8	177	15
15/11/24 09:20	5	4	9	2	17.0	56	3.2	188	12
15/11/24 09:25	4	3	7	2	16.9	54	2.0	165	21
15/11/24 09:30	2	3	5	2	17.5	52	2.4	168	21
15/11/24 09:35	1	2	4	2	17.6	55	2.8	164	19
15/11/24 09:40	8	7	14	2	17.5	56	3.3	185	15
15/11/24 09:45	20	9	29	2	16.8	58	3.7	188	9
15/11/24 09:50	13	12	25	2	16.8	59	3.9	185	11
15/11/24 09:55	10	7	18	2	16.9	58	3.7	186	8
15/11/24 10:00	12	12	25	2	16.9	59	3.7	182	11
15/11/24 10:05	15	11	26	2	16.9	58	3.7	185	10
15/11/24 10:10	29	16	45	2	16.6	60	4.2	191	10
15/11/24 10:15	26	10	36	2	16.7	58	4.1	185	10
15/11/24 10:20	25	16	41	2	16.8	59	3.4	187	12
15/11/24 10:25	16	13	29	2	17.0	59	4.1	189	9
15/11/24 10:30	15	11	27	2	16.9	59	3.7	186	10
15/11/24 10:35	13	10	23	2	17.1	59	3.5	183	14
15/11/24 10:40	10	9	19	2	17.1	58	3.7	185	9
15/11/24 10:45	21	17	38	2	16.9	58	4.1	188	10
15/11/24 10:50	71	30	100	2	17.0	59	4.0	189	10
15/11/24 10:55	49	26	75	2	17.0	58	3.8	185	12
15/11/24 11:00	23	10	33	3	17.2	57	4.0	186	11
15/11/24 11:05	69	22	91	3	16.9	60	3.9	197	9
15/11/24 11:10	60	21	81	3	16.6	61	4.6	201	8
15/11/24 11:15	21	17	38	3	16.5	60	4.6	197	10
15/11/24 11:20	3	4	6	3	16.4	62	4.2	198	12
15/11/24 11:25	3	4	7	2	16.5	61	4.3	202	7
15/11/24 11:30	2	2	5	2	16.5	63	4.2	198	9
15/11/24 11:35	5	5	9	2	16.5	62	4.2	202	7
15/11/24 11:40	1	2	3	2	16.5	61	4.6	203	6
15/11/24 11:45	2	10	12	2	16.5	61	4.0	198	12
15/11/24 11:50	2	2	4	2	16.7	63	4.1	201	7
15/11/24 11:55	2	2	4	2	16.7	61	4.5	200	7
15/11/24 12:00	1	3	4	2	16.5	61	4.4	205	7
15/11/24 12:05	2	2	4	2	16.6	60	4.1	200	8
15/11/24 12:10	2	3	4	2	16.8	63	4.1	201	9
15/11/24 12:15	2	3	5	2	16.8	63	4.7	203	7
15/11/24 12:20	2	2	4	2	16.6	62	4.5	205	8
15/11/24 12:25	2	2	4	2	16.7	61	4.4	203	7
15/11/24 12:30	2	2	4	2	16.7	62	4.6	202	8
15/11/24 12:35	1	2	4	2	16.7	61	4.6	203	7
15/11/24 12:40	1	2	3	2	16.7	62	4.7	204	6
15/11/24 12:45	1	2	3	2	16.7	62	4.6	205	6
15/11/24 12:50	1	2	3	2	16.7	61	4.5	202	6
15/11/24 12:55	2	7	9	2	16.8	62	4.7	202	7
15/11/24 13:00	6	8	14	2	16.9	63	4.8	203	5
15/11/24 13:05	2	6	8	2	16.8	61	4.4	203	6
15/11/24 13:10	2	4	5	2	16.9	62	4.4	201	7
15/11/24 13:15	3	4	6	2	17.0	62	4.4	203	6
15/11/24 13:20	2	4	6	2	17.1	63	4.4	201	8
15/11/24 13:25	5	8	13	2	17.2	63	4.5	203	8
15/11/24 13:30	2	6	8	2	17.1	63	4.5	202	8
15/11/24 13:35	3	5	8	2	17.1	62	4.9	202	6
15/11/24 13:40	4	5	9	2	17.1	62	4.4	202	7
15/11/24 13:45	2	3	5	2	17.1	64	5.0	204	7
15/11/24 13:50	2	7	9	2	17.2	64	4.6	201	7
15/11/24 13:55	3	6	9	2	17.4	63	4.4	200	8
15/11/24 14:00	2	4	6	2	17.3	64	4.6	201	8

Station Pier Ambient Air Quality Monitoring
November 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 (°)
15/11/24 14:05	2	4	6	2	17.4	63	4.6	201	8
15/11/24 14:10	3	5	8	2	17.3	64	4.9	201	8
15/11/24 14:15	3	5	8	2	17.6	64	4.3	197	9
15/11/24 14:20	10	8	18	2	17.7	64	4.5	199	10
15/11/24 14:25	4	3	7	2	17.8	65	4.6	201	10
15/11/24 14:30	8	10	19	2	17.8	65	4.6	198	9
15/11/24 14:35	14	13	28	2	17.8	64	4.1	194	12
15/11/24 14:40	34	16	50	2	18.1	63	4.1	196	13
15/11/24 14:45	38	4	42	3	18.0	64	4.3	189	13
15/11/24 14:50	16	9	24	3	18.3	64	4.3	199	10
15/11/24 14:55	31	21	53	3	18.0	64	4.1	196	12
15/11/24 15:00	24	13	37	3	18.1	64	4.2	191	13
15/11/24 15:05	45	15	60	3	18.2	63	3.8	192	11
15/11/24 15:10	37	15	51	3	18.4	62	5.4	185	9
15/11/24 15:15	39	15	54	3	18.1	64	5.6	189	7
15/11/24 15:20	178	39	217	3	18.3	62	4.6	184	9
15/11/24 15:25	17	9	27	3	18.2	63	5.7	189	7
15/11/24 15:30	1	2	3	3	18.1	64	5.1	189	8
15/11/24 15:35	1	2	3	3	18.3	62	5.2	188	7
15/11/24 15:40	1	2	3	3	18.4	63	5.6	190	6
15/11/24 15:45	1	2	3	3	18.3	63	5.9	191	6
15/11/24 15:50	1	2	3	2	18.0	66	6.2	189	7
15/11/24 15:55	1	1	2	2	18.3	64	4.5	185	10
15/11/24 16:00	1	1	1	2	18.5	64	5.5	187	9
15/11/24 16:05	1	1	1	2	18.7	63	4.6	186	11
15/11/24 16:10	1	1	1	2	18.8	64	4.8	185	10
15/11/24 16:15	0	1	1	2	18.6	66	5.4	189	8
15/11/24 16:20	0	1	1	2	18.7	66	4.6	183	12
15/11/24 16:25	0	1	1	2	18.9	63	4.7	186	9
15/11/24 16:30	0	1	1	2	19.1	63	4.4	183	12
15/11/24 16:35	0	1	1	2	19.2	63	4.3	184	11
15/11/24 16:40	0	1	1	2	19.4	63	4.5	182	10
15/11/24 16:45	0	1	1	2	19.3	63	4.8	185	11
15/11/24 16:50	0	1	1	2	19.0	65	4.6	186	9
15/11/24 16:55	0	1	2	2	19.2	64	4.2	183	11
15/11/24 17:00	1	2	2	2	19.6	63	3.9	186	11
15/11/24 17:05	1	2	2	2	19.5	60	4.5	181	12
15/11/24 17:10	1	1	2	2	19.5	60	4.5	179	11
15/11/24 17:15	1	1	2	2	19.4	60	4.3	180	12
15/11/24 17:20	0	1	2	2	19.5	61	3.6	173	13
15/11/24 17:25	0	1	2	2	19.6	61	3.6	176	12
15/11/24 17:30	0	1	1	2	19.6	62	3.2	171	16
15/11/24 17:35	0	1	1	2	19.7	61	3.6	167	16
15/11/24 17:40	0	1	1	2	19.7	61	3.8	162	19
15/11/24 17:45	0	1	1	2	19.5	63	3.2	171	17
15/11/24 17:50	0	1	1	2	19.2	64	3.9	178	12
15/11/24 17:55	0	1	1	2	18.8	65	3.9	164	18
15/11/24 18:00	0	1	1	2	18.6	66	3.7	165	16
15/11/24 18:05	0	1	1	2	18.7	67	3.5	170	16
15/11/24 18:10	0	1	1	2	18.7	67	3.6	166	17
15/11/24 18:15	0	1	1	2	18.8	67	3.2	178	13
15/11/24 18:20	0	1	1	2	18.7	67	3.6	175	15
15/11/24 18:25	0	1	1	2	18.8	66	3.4	175	15
15/11/24 18:30	0	1	1	2	18.8	67	3.2	177	14
15/11/24 18:35	0	1	1	2	18.6	66	4.0	178	13
15/11/24 18:40	0	1	1	2	18.3	68	3.7	175	14
15/11/24 18:45	0	1	1	2	18.3	69	3.5	178	12
15/11/24 18:50	0	1	1	2	18.1	71	4.2	180	11
15/11/24 18:55	0	1	1	2	17.8	71	4.3	179	13
15/11/24 19:00	0	1	1	2	17.8	71	4.0	179	12
15/11/24 19:05	0	1	1	2	17.7	71	4.6	179	10
15/11/24 19:10	0	1	1	2	17.7	73	3.8	176	12
15/11/24 19:15	0	1	1	2	17.7	73	4.1	181	12
15/11/24 19:20	0	1	1	2	17.6	73	4.2	179	11
15/11/24 19:25	0	1	1	2	17.6	73	3.9	179	12
15/11/24 19:30	0	1	1	2	17.5	72	4.3	176	10
15/11/24 19:35	0	1	1	2	17.6	74	3.4	178	15
15/11/24 19:40	0	1	1	2	17.6	74	3.4	179	12
15/11/24 19:45	0	1	1	2	17.6	74	4.0	177	11
15/11/24 19:50	0	1	1	2	17.6	75	4.2	180	9
15/11/24 19:55	0	1	1	2	17.5	75	3.4	179	12
15/11/24 20:00	0	1	1	2	17.5	75	3.9	181	10
15/11/24 20:05	0	1	1	2	17.5	75	4.0	182	9
15/11/24 20:10	0	1	1	2	17.5	75	3.7	185	8
15/11/24 20:15	0	1	1	2	17.4	75	3.6	184	8
15/11/24 20:20	0	1	1	2	17.4	74	3.3	178	11
15/11/24 20:25	0	1	1	2	17.3	75	3.0	180	11
15/11/24 20:30	0	1	1	2	17.4	76	2.5	182	11
15/11/24 20:35	0	1	1	2	17.4	74	2.9	187	7
15/11/24 20:40	0	1	1	2	17.4	74	2.6	183	10
15/11/24 20:45	0	1	1	2	17.4	74	2.7	183	8
15/11/24 20:50	0	1	1	2	17.4	76	2.3	187	11
15/11/24 20:55	0	1	1	2	17.3	75	1.7	182	8
15/11/24 21:00	0	1	1	2	17.3	74	1.6	181	14

Station Pier Ambient Air Quality Monitoring
November 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 (°)
15/11/24 21:05	0	1	1	2	17.4	75	1.3	183	11
15/11/24 21:10	0	1	1	2	17.3	76	2.1	195	6
15/11/24 21:15	0	1	1	2	17.4	75	1.9	205	9
15/11/24 21:20	0	1	1	2	17.4	77	2.5	213	8
15/11/24 21:25	0	2	2	2	17.3	77	2.7	223	6
15/11/24 21:30	0	2	2	2	17.2	77	2.1	223	9
15/11/24 21:35	0	3	3	2	17.2	78	2.1	213	9
15/11/24 21:40	0	3	3	2	17.2	78	1.8	210	7
15/11/24 21:45	0	3	3	2	17.2	78	1.8	216	7
15/11/24 21:50	0	2	3	2	17.1	78	1.4	221	10
15/11/24 21:55	0	2	3	2	17.1	77	1.1	236	9
15/11/24 22:00	0	2	3	2	17.1	78	0.7	241	21
15/11/24 22:05	0	3	3	2	16.9	77	0.6	306	11
15/11/24 22:10	0	3	3	2	16.8	78	0.6	325	18
15/11/24 22:15	0	5	5	2	16.7	78	0.6	327	20
15/11/24 22:20	0	8	8	2	16.6	79	1.4	288	13
15/11/24 22:25	0	10	10	2	16.7	80	1.2	277	18
15/11/24 22:30	0	11	11	2	16.7	80	1.4	273	11
15/11/24 22:35	0	12	12	2	16.8	79	1.6	271	11
15/11/24 22:40	0	14	14	2	16.7	79	1.4	279	16
15/11/24 22:45	0	16	16	2	16.6	78	1.8	282	12
15/11/24 22:50	0	17	17	2	16.6	79	1.5	281	13
15/11/24 22:55	0	19	19	2	16.6	78	1.7	279	12
15/11/24 23:00	1	21	22	2	16.4	77	2.4	282	14
15/11/24 23:05	1	22	23	2	16.2	76	2.4	282	15
15/11/24 23:10	1	23	24	2	15.9	76	2.5	285	10
15/11/24 23:15	2	24	26	2	15.8	77	2.1	287	12
15/11/24 23:20	3	24	27	2	15.8	77	1.8	285	14
15/11/24 23:25	4	25	28	2	15.6	77	1.4	304	11
15/11/24 23:30	5	25	30	2	15.4	76	1.4	298	20
15/11/24 23:35	5	25	30	2	15.3	76	1.2	309	12
15/11/24 23:40	5	25	30	2	15.1	76	1.3	295	17
15/11/24 23:45	5	25	30	2	15.2	78	1.1	281	20
15/11/24 23:50	5	25	30		15.4	78	1.2	289	19
15/11/24 23:55	5	25	30		15.2	77	0.9	313	24
16/11/24 00:00	5	25	30	2	15.1	76	1.2	305	12
16/11/24 00:05	5	24	29	3	15.1	77	1.2	297	11
16/11/24 00:10	5	24	29	3	15.0	77	1.5	301	8
16/11/24 00:15	5	24	30	3	15.0	77	1.4	295	8
16/11/24 00:20	6	25	31	3	15.0	77	1.4	301	9
16/11/24 00:25	7	25	32	2	14.9	77	1.4	312	9
16/11/24 00:30	6	25	31	3	14.8	78	1.1	307	12
16/11/24 00:35	6	25	30	2	14.9	78	1.2	312	9
16/11/24 00:40	5	25	30	2	14.7	78	1.0	312	14
16/11/24 00:45	5	25	30	3	14.7	78	0.9	339	20
16/11/24 00:50	6	25	31	3	14.6	78	1.0	332	17
16/11/24 00:55	9	24	33	3	14.6	78	1.2	326	13
16/11/24 01:00	9	25	33	3	14.6	79	1.2	316	11
16/11/24 01:05					14.6	79	1.1	325	17
16/11/24 01:10					14.6	79	0.9	329	14
16/11/24 01:15					14.5	79	1.1	341	19
16/11/24 01:20					14.5	79	1.2	335	18
16/11/24 01:25					14.4	78	1.6	349	19
16/11/24 01:30					14.3	78	1.3	353	18
16/11/24 01:35					14.3	78	1.6	352	18
16/11/24 01:40					14.3	79	0.9	339	25
16/11/24 01:45					14.3	79	0.9	334	27
16/11/24 01:50					14.2	78	1.5	320	15
16/11/24 01:55					14.2	78	1.4	312	16
16/11/24 02:00					14.3	79	1.3	304	13
16/11/24 02:05	5	23	29	3	14.2	78	1.1	312	19
16/11/24 02:10	4	20	24	3	14.2	78	0.9	330	23
16/11/24 02:15	3	20	23	3	14.1	77	0.9	331	19
16/11/24 02:20	3	20	23	3	14.1	78	1.2	314	17
16/11/24 02:25	3	21	23	3	14.0	79	1.1	312	17
16/11/24 02:30	3	21	23	3	14.1	79	0.9	314	15
16/11/24 02:35	3	20	23	3	14.0	78	1.1	341	21
16/11/24 02:40	2	20	23	3	13.9	78	1.2	349	17
16/11/24 02:45	3	21	24	3	13.9	78	1.1	317	17
16/11/24 02:50	5	23	28	3	14.0	79	1.6	322	14
16/11/24 02:55	7	25	32	3	14.0	79	1.3	327	22
16/11/24 03:00	10	24	34	3	14.0	79	1.2	353	20
16/11/24 03:05	11	23	34	3	13.7	79	1.4	1	23
16/11/24 03:10	10	23	32	3	13.6	80	0.8	5	25
16/11/24 03:15	9	23	32	3	13.5	80	1.3	353	19
16/11/24 03:20	9	23	31	3	13.4	80	1.6	351	14
16/11/24 03:25	9	23	32	3	13.6	81	1.2	352	16
16/11/24 03:30	9	23	31	3	13.6	80	1.2	354	15
16/11/24 03:35	8	23	31	3	13.6	81	1.2	359	21
16/11/24 03:40	7	22	30	3	13.6	81	1.4	344	21
16/11/24 03:45	6	22	28	3	13.7	81	1.2	328	24
16/11/24 03:50	6	21	27	3	13.7	80	1.2	342	28
16/11/24 03:55	5	21	26	3	13.7	80	1.3	345	26
16/11/24 04:00	5	21	26	3	13.7	80	0.6	7	33

Station Pier Ambient Air Quality Monitoring
November 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 (°)
16/11/24 04:05	5	21	26	3	13.6	80	0.9	42	21
16/11/24 04:10	6	21	27	3	13.5	81	0.7	25	8
16/11/24 04:15	6	21	27	3	13.4	81	0.5	57	16
16/11/24 04:20	5	21	26	3	13.4	82	0.6	57	20
16/11/24 04:25	4	21	25	3	13.3	81	0.4	56	24
16/11/24 04:30	3	21	24	3	13.3	82	0.7	80	12
16/11/24 04:35	3	21	24	3	13.3	81	1.0	70	18
16/11/24 04:40	3	20	23	3	13.3	81	0.8	36	9
16/11/24 04:45	2	20	22	3	13.2	82	0.8	38	12
16/11/24 04:50	5	17	22	3	13.1	82	1.0	34	7
16/11/24 04:55	12	15	27	3	13.1	82	0.8	37	9
16/11/24 05:00	5	21	26	3	13.1	82	0.6	25	11
16/11/24 05:05	14	22	36	3	13.0	82	0.6	37	5
16/11/24 05:10	20	21	41	3	13.0	82	0.7	31	11
16/11/24 05:15	10	20	30	3	13.1	82	1.0	39	7
16/11/24 05:20	25	19	43	3	13.0	82	1.0	41	8
16/11/24 05:25	9	18	27	3	13.1	82	0.8	51	11
16/11/24 05:30	8	18	26	3	13.2	81	0.6	51	22
16/11/24 05:35	9	18	28	3	13.6	82	0.2	7	54
16/11/24 05:40	10	20	30	3	13.7	81	0.3	275	41
16/11/24 05:45	10	20	30	3	14.2	80	0.3	4	20
16/11/24 05:50	10	19	29	3	14.5	78	0.7	27	10
16/11/24 05:55	10	19	29	3	14.7	76	1.4	50	8
16/11/24 06:00	10	18	28	3	14.7	76	1.6	54	10
16/11/24 06:05	33	23	56	3	14.9	77	1.6	36	14
16/11/24 06:10	65	37	102	3	15.0	76	1.4	36	23
16/11/24 06:15	27	21	48	3	15.7	72	2.3	27	15
16/11/24 06:20	9	18	28	3	16.2	67	2.0	19	21
16/11/24 06:25	8	16	24	3	16.7	65	1.5	15	20
16/11/24 06:30	9	16	25	3	17.0	62	1.8	18	25
16/11/24 06:35	9	16	24	3	17.3	61	2.4	13	19
16/11/24 06:40	25	23	47	3	17.5	60	2.1	15	20
16/11/24 06:45	17	16	33	3	17.6	59	2.8	7	16
16/11/24 06:50	18	18	36	3	17.9	59	2.3	10	26
16/11/24 06:55	14	19	32	4	18.0	57	2.9	1	24
16/11/24 07:00	15	17	32	3	18.4	55	2.8	1	25
16/11/24 07:05	13	17	30	3	19.0	53	1.9	354	32
16/11/24 07:10	12	16	28	3	19.5	51	2.1	347	26
16/11/24 07:15	9	16	25	3	19.8	51	1.9	320	34
16/11/24 07:20	8	16	24	3	19.8	52	1.7	313	30
16/11/24 07:25	9	16	25	3	19.9	52	1.2	333	45
16/11/24 07:30	16	17	33	3	20.1	51	1.8	7	25
16/11/24 07:35	15	19	35	3	20.6	50	1.4	9	25
16/11/24 07:40	23	24	47	3	21.1	48	2.0	14	19
16/11/24 07:45	27	27	54	3	21.5	45	2.4	23	14
16/11/24 07:50	35	22	57	3	21.8	44	2.3	29	15
16/11/24 07:55	28	22	50	3	22.1	43	1.7	28	25
16/11/24 08:00	13	16	29	3	22.6	42	1.6	355	36
16/11/24 08:05	12	15	27	3	22.8	42	0.7	352	56
16/11/24 08:10	9	16	25	3	23.1	40	1.2	357	39
16/11/24 08:15	10	15	26	3	23.6	40	1.6	354	34
16/11/24 08:20	7	12	19	3	23.6	40	1.8	339	31
16/11/24 08:25	6	12	18	3	23.8	42	2.6	335	33
16/11/24 08:30	3	7	10	3	23.9	43	2.2	323	38
16/11/24 08:35	2	7	9	3	24.1	44	2.7	333	35
16/11/24 08:40	4	9	13	3	24.6	43	2.9	350	31
16/11/24 08:45	6	8	15	3	25.0	44	4.0	356	29
16/11/24 08:50	5	6	11	3	24.9	44	4.5	343	27
16/11/24 08:55	4	5	9	3	25.0	44	4.2	355	35
16/11/24 09:00	3	6	9	3	25.2	44	2.9	327	28
16/11/24 09:05	7	7	15	3	25.6	43	3.6	350	33
16/11/24 09:10	3	8	11	3	25.6	43	3.7	345	34
16/11/24 09:15	3	8	11	3	25.4	43	5.4	358	22
16/11/24 09:20	4	8	11	3	25.8	42	4.5	2	24
16/11/24 09:25	4	8	12	3	26.0	41	4.5	3	18
16/11/24 09:30	3	4	8	3	26.0	40	4.8	355	19
16/11/24 09:35	3	5	8	3	26.1	40	5.2	2	20
16/11/24 09:40	3	8	12	3	26.4	39	5.0	356	20
16/11/24 09:45	3	5	8	3	26.6	39	4.4	349	21
16/11/24 09:50	3	6	8	3	26.6	40	3.7	336	32
16/11/24 09:55	2	6	8	3	26.8	40	2.6	330	36
16/11/24 10:00	2	7	9	3	27.5	37	4.6	11	27
16/11/24 10:05	3	6	9	3	27.7	35	4.6	3	28
16/11/24 10:10	3	7	10	3	27.9	34	3.7	1	30
16/11/24 10:15	3	5	8	3	28.2	34	3.7	355	25
16/11/24 10:20	3	6	8	3	28.6	31	5.6	359	28
16/11/24 10:25	2	5	7	3	28.6	31	3.8	358	33
16/11/24 10:30	2	5	7	3	28.9	29	3.6	345	34
16/11/24 10:35	2	5	7	3	28.9	29	4.4	358	36
16/11/24 10:40	3	13	17	3	28.9	29	3.9	358	24
16/11/24 10:45	3	6	8	3	28.8	30	3.4	357	31
16/11/24 10:50	2	6	8	3	28.7	29	3.7	325	34
16/11/24 10:55	2	6	8	3	28.9	29	4.2	4	27
16/11/24 11:00	2	6	8	3	29.0	28	3.9	352	31

Station Pier Ambient Air Quality Monitoring
November 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 (°)
16/11/24 11:05	2	6	8	3	29.1	29	4.3	351	24
16/11/24 11:10	2	6	8	3	29.1	27	3.7	339	37
16/11/24 11:15	2	5	8	3	29.2	25	3.7	350	35
16/11/24 11:20	2	5	8	3	29.5	25	3.8	338	36
16/11/24 11:25	2	5	7	3	29.5	24	3.4	337	37
16/11/24 11:30	2	5	7	3	29.6	24	5.3	358	22
16/11/24 11:35	2	6	7	3	29.6	25	3.5	342	32
16/11/24 11:40	2	6	7	3	29.9	24	3.8	339	31
16/11/24 11:45	2	6	8	3	30.5	23	3.9	355	27
16/11/24 11:50	2	6	8	3	30.6	22	4.5	300	20
16/11/24 11:55	2	5	7	3	30.0	22	3.7	320	34
16/11/24 12:00	1	5	7	3	30.4	22	4.5	360	26
16/11/24 12:05	2	5	7	3	30.2	23	3.7	356	22
16/11/24 12:10	2	5	7	3	30.4	22	3.3	312	28
16/11/24 12:15	2	5	7	3	30.5	24	3.1	327	31
16/11/24 12:20	2	6	7	3	30.7	22	4.4	341	32
16/11/24 12:25	1	5	7	3	31.1	22	3.0	333	36
16/11/24 12:30	1	5	6	3	31.0	21	3.8	327	26
16/11/24 12:35	1	5	6	3	31.0	21	4.3	301	19
16/11/24 12:40	1	5	6	3	30.9	22	4.0	313	24
16/11/24 12:45	1	4	5	3	31.1	22	4.7	303	25
16/11/24 12:50	1	4	5	3	31.3	22	4.1	318	22
16/11/24 12:55	1	4	5	3	31.3	22	4.6	312	26
16/11/24 13:00	1	4	5	3	31.6	22	3.7	321	26
16/11/24 13:05	1	4	5	3	31.8	22	2.6	308	37
16/11/24 13:10	1	4	5	3	31.8	22	4.7	307	24
16/11/24 13:15	1	4	4	3	31.6	22	5.2	307	21
16/11/24 13:20	1	3	4	3	32.0	22	3.7	334	41
16/11/24 13:25	1	4	5	3	32.3	22	3.6	324	34
16/11/24 13:30	1	3	4	3	32.2	22	4.9	309	25
16/11/24 13:35	1	3	4	3	32.2	22	4.0	319	32
16/11/24 13:40	1	3	3	3	32.1	21	3.6	317	27
16/11/24 13:45	1	4	4	3	32.7	21	4.6	4	24
16/11/24 13:50	1	5	6	3	33.0	21	3.6	346	30
16/11/24 13:55	1	5	6	3	33.0	20	4.2	356	24
16/11/24 14:00	2	5	7	3	33.5	20	3.4	341	35
16/11/24 14:05	2	6	8	3	33.6	20	5.3	10	22
16/11/24 14:10	1	4	6	3	33.3	19	3.1	314	38
16/11/24 14:15	1	4	5	3	32.9	19	5.4	316	21
16/11/24 14:20	2	5	7	3	33.4	18	5.1	359	22
16/11/24 14:25	2	3	5	3	33.8	18	3.5	358	33
16/11/24 14:30	2	4	5	3	33.6	18	4.1	315	30
16/11/24 14:35	2	4	5	3	33.4	19	3.7	326	34
16/11/24 14:40	1	5	6	3	33.8	19	2.8	353	36
16/11/24 14:45	1	5	6	3	34.1	18	5.4	351	23
16/11/24 14:50	1	4	5	2	33.8	19	3.7	306	23
16/11/24 14:55	1	3	4	2	33.5	20	4.2	354	28
16/11/24 15:00	1	3	4	2	34.0	20	4.3	8	28
16/11/24 15:05	1	3	4	3	34.1	20	3.5	355	32
16/11/24 15:10	2	10	12	3	34.2	20	3.0	357	29
16/11/24 15:15	3	7	10	3	34.3	21	4.2	342	30
16/11/24 15:20	3	4	6	3	34.1	21	3.8	18	26
16/11/24 15:25	3	5	8	3	34.5	21	4.1	16	24
16/11/24 15:30	2	4	6	3	34.4	22	4.7	354	21
16/11/24 15:35	2	3	5	3	34.3	22	4.2	5	22
16/11/24 15:40	1	3	5	3	34.5	20	5.0	1	30
16/11/24 15:45	1	3	4	3	34.4	19	4.0	307	27
16/11/24 15:50	1	3	3	3	34.1	20	3.9	325	37
16/11/24 15:55	1	3	4	2	34.6	20	4.1	353	27
16/11/24 16:00	1	3	4	3	34.8	20	5.1	12	25
16/11/24 16:05	1	3	4	3	34.7	20	4.1	12	42
16/11/24 16:10	1	3	4	3	34.3	21	3.0	348	45
16/11/24 16:15	1	3	4	3	34.6	21	4.2	14	26
16/11/24 16:20	1	3	4	3	34.7	21	5.0	345	22
16/11/24 16:25	1	3	4	3	34.6	21	4.2	18	19
16/11/24 16:30	1	3	4	3	34.7	21	4.1	16	23
16/11/24 16:35	1	4	4	3	34.7	21	5.6	23	15
16/11/24 16:40	1	4	5	3	34.7	22	3.7	13	19
16/11/24 16:45	1	4	5	3	34.5	21	4.1	9	21
16/11/24 16:50	1	4	5	3	34.4	21	3.2	18	20
16/11/24 16:55	1	4	5	3	34.4	22	3.9	15	25
16/11/24 17:00	1	4	5	3	34.4	21	3.9	16	19
16/11/24 17:05	1	4	4	3	34.4	21	3.8	12	21
16/11/24 17:10	0	4	4	3	34.2	22	3.6	6	26
16/11/24 17:15	0	4	4	2	34.2	22	3.9	20	23
16/11/24 17:20	1	4	4	2	34.1	22	3.0	18	20
16/11/24 17:25	1	4	5	2	34.1	22	3.5	19	19
16/11/24 17:30	0	5	5	2	33.9	23	3.7	13	23
16/11/24 17:35	0	5	5	2	33.9	23	4.2	22	18
16/11/24 17:40	1	5	6	2	34.0	23	3.7	20	17
16/11/24 17:45	1	5	6	2	33.9	23	4.5	23	17
16/11/24 17:50	1	5	6	2	33.8	23	3.8	17	16
16/11/24 17:55	1	5	6	2	33.8	23	4.5	17	18
16/11/24 18:00	1	5	6	2	33.9	23	3.5	19	19

Station Pier Ambient Air Quality Monitoring
November 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 (°)
16/11/24 18:05	1	5	6	2	33.9	23	3.9	30	16
16/11/24 18:10	1	5	6	2	33.7	23	3.0	24	15
16/11/24 18:15	1	8	9	2	33.8	23	3.2	26	23
16/11/24 18:20	1	7	7	2	33.8	23	4.2	20	14
16/11/24 18:25	1	7	8	2	33.7	23	2.8	23	15
16/11/24 18:30	1	9	10	2	33.6	23	3.3	25	14
16/11/24 18:35	1	10	11	2	33.5	24	2.5	30	17
16/11/24 18:40	1	9	10	2	33.4	24	3.4	31	20
16/11/24 18:45	1	9	10	2	33.4	24	2.7	27	21
16/11/24 18:50	1	10	11	2	33.3	24	2.2	28	15
16/11/24 18:55	1	12	12	2	33.1	24	2.5	33	13
16/11/24 19:00	1	12	13	2	33.1	24	2.4	25	22
16/11/24 19:05	1	11	12	2	32.9	24	1.9	29	18
16/11/24 19:10	1	11	12	2	32.9	25	2.5	34	16
16/11/24 19:15	1	12	13	2	32.8	25	2.1	36	11
16/11/24 19:20	1	12	13	2	32.7	25	1.9	37	15
16/11/24 19:25	1	13	14	2	32.5	25	1.9	36	15
16/11/24 19:30	1	13	14	2	32.5	25	2.6	31	17
16/11/24 19:35	1	12	13	3	32.5	25	2.1	38	15
16/11/24 19:40	1	12	12	2	32.5	25	2.4	36	12
16/11/24 19:45	1	11	12	2	32.4	25	2.1	46	13
16/11/24 19:50	1	12	13	2	32.2	26	2.1	48	14
16/11/24 19:55	1	12	13	2	32.2	26	2.0	40	14
16/11/24 20:00	1	14	16	2	32.1	26	2.5	30	18
16/11/24 20:05	1	14	15	3	32.1	26	2.3	39	12
16/11/24 20:10	1	11	12	2	32.0	26	1.7	53	15
16/11/24 20:15	1	12	13	3	31.8	26	1.5	39	12
16/11/24 20:20	1	16	17	2	31.6	27	1.5	43	10
16/11/24 20:25	1	15	16	2	31.3	27	1.7	45	21
16/11/24 20:30	1	16	16	2	31.3	27	2.3	42	15
16/11/24 20:35	1	14	15	2	31.1	28	1.9	42	17
16/11/24 20:40	1	14	15	3	31.1	28	1.9	49	12
16/11/24 20:45	1	15	16	3	30.9	28	1.9	49	14
16/11/24 20:50	1	15	16	2	30.8	28	2.1	44	19
16/11/24 20:55	1	14	14	2	30.8	28	1.9	50	14
16/11/24 21:00	1	14	14	2	30.7	28	2.2	49	19
16/11/24 21:05	1	14	15	2	30.6	28	2.0	43	15
16/11/24 21:10	1	13	14	2	30.4	29	1.7	48	17
16/11/24 21:15	2	17	19	2	30.2	29	1.3	50	21
16/11/24 21:20	1	17	18	3	30.1	29	1.7	48	14
16/11/24 21:25	1	15	16	3	29.9	30	1.3	44	23
16/11/24 21:30	1	18	19	2	29.8	30	1.4	47	17
16/11/24 21:35	1	16	17	2	29.6	30	1.6	50	18
16/11/24 21:40	1	17	18	3	29.5	31	1.4	36	18
16/11/24 21:45	1	14	15	2	29.4	31	1.6	55	22
16/11/24 21:50	1	15	16	3	29.3	31	1.8	47	15
16/11/24 21:55	1	14	15	2	29.1	31	1.7	47	16
16/11/24 22:00	1	15	16	2	29.0	32	1.5	40	13
16/11/24 22:05	1	15	16	2	28.9	32	1.5	38	10
16/11/24 22:10	1	14	15	2	28.8	32	2.1	36	18
16/11/24 22:15	1	14	15	2	28.7	32	1.5	42	12
16/11/24 22:20	1	15	15	2	28.5	33	1.6	50	9
16/11/24 22:25	1	16	17	3	28.4	33	1.2	49	14
16/11/24 22:30	2	21	23	2	28.3	33	1.4	40	15
16/11/24 22:35	1	14	14	2	28.3	33	1.6	39	17
16/11/24 22:40	1	15	17	3	28.2	33	1.6	48	14
16/11/24 22:45	1	16	17	3	28.1	33	2.0	41	15
16/11/24 22:50	1	17	19	3	28.2	33	1.3	39	18
16/11/24 22:55	1	17	19	3	28.2	33	1.5	25	19
16/11/24 23:00	1	16	18	3	28.3	32	1.7	3	23
16/11/24 23:05	1	14	15	2	28.8	31	1.0	327	39
16/11/24 23:10	1	12	12	2	28.7	31	1.1	311	31
16/11/24 23:15	0	14	15	3	28.4	33	1.7	307	22
16/11/24 23:20	0	16	16	2	28.0	33	1.7	308	22
16/11/24 23:25	0	26	27	3	27.9	34	1.2	306	20
16/11/24 23:30	1	35	36	3	27.6	35	1.0	302	28
16/11/24 23:35	1	34	35	4	27.4	35	1.1	297	21
16/11/24 23:40	1	33	34	4	27.3	35	1.5	307	20
16/11/24 23:45	1	33	34	4	27.3	35	1.5	312	21
16/11/24 23:50	1	30	31		27.0	35	1.4	311	23
16/11/24 23:55	1	26	27		27.0	35	1.4	327	30
17/11/24 00:00	1	25	26	4	26.8	36	1.1	302	33
17/11/24 00:05	1	23	24	3	26.8	35	1.0	323	36
17/11/24 00:10	0	20	21	3	26.8	35	0.8	308	37
17/11/24 00:15	0	19	19	2	26.7	35	1.2	310	31
17/11/24 00:20	0	19	20	2	26.9	35	1.4	300	17
17/11/24 00:25	0	20	20	3	26.9	35	0.8	319	47
17/11/24 00:30	0	20	20	3	26.8	35	0.6	309	43
17/11/24 00:35	1	19	20	3	26.8	35	0.7	342	35
17/11/24 00:40	1	20	21	3	26.7	35	0.4	324	58
17/11/24 00:45	0	22	22	3	26.6	36	0.2	335	75
17/11/24 00:50	0	23	23	3	26.6	35	0.8	330	36
17/11/24 00:55	0	23	24	3	26.7	36	0.5	308	53
17/11/24 01:00	0	23	23	3	26.9	36	0.9	289	37

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
17/11/24 01:05					27.3	35	2.0	318	29
17/11/24 01:10					28.4	34	2.2	330	41
17/11/24 01:15					29.7	31	2.5	332	37
17/11/24 01:20					30.4	30	3.9	330	30
17/11/24 01:25					30.6	29	3.7	321	31
17/11/24 01:30					30.7	29	3.1	327	36
17/11/24 01:35					30.6	29	3.3	329	37
17/11/24 01:40					30.6	29	3.2	330	33
17/11/24 01:45					30.6	29	4.0	330	37
17/11/24 01:50					30.6	29	2.4	348	40
17/11/24 01:55					30.6	30	3.7	335	29
17/11/24 02:00					30.5	29	4.4	339	30
17/11/24 02:05	0	3	3	3	30.6	30	4.1	347	28
17/11/24 02:10	0	3	3	2	30.5	30	4.3	349	26
17/11/24 02:15	0	3	3	2	30.5	30	4.2	346	24
17/11/24 02:20	0	3	3	2	30.5	30	3.9	332	30
17/11/24 02:25	0	3	3	2	30.5	30	3.5	321	28
17/11/24 02:30	0	3	3	2	30.3	31	3.0	309	28
17/11/24 02:35	0	3	3	2	30.2	31	3.8	297	25
17/11/24 02:40	0	4	4	2	30.1	31	4.7	292	16
17/11/24 02:45	0	5	5	2	29.9	32	4.3	290	15
17/11/24 02:50	0	5	5	2	29.5	34	5.2	265	13
17/11/24 02:55	0	5	5	2	27.5	37	4.8	263	7
17/11/24 03:00	0	5	6	2	26.8	38	6.7	253	5
17/11/24 03:05	0	5	6	2	26.2	39	6.5	247	7
17/11/24 03:10	0	4	5	2	24.9	42	4.1	223	11
17/11/24 03:15	0	4	5	2	24.0	42	4.6	242	8
17/11/24 03:20	0	4	4	2	23.6	42	7.0	232	6
17/11/24 03:25	0	4	4	2	23.5	41	7.0	237	6
17/11/24 03:30	0	4	4	2	23.4	43	5.2	237	8
17/11/24 03:35	0	3	3	2	23.1	44	5.5	244	7
17/11/24 03:40	0	3	3	2	23.0	44	4.9	239	9
17/11/24 03:45	0	3	3	2	22.7	45	5.1	241	9
17/11/24 03:50	0	3	3	2	22.8	45	4.2	242	10
17/11/24 03:55	0	3	3	2	22.7	46	4.4	247	8
17/11/24 04:00	0	3	3	2	22.5	47	3.2	262	13
17/11/24 04:05	0	3	3	2	22.4	46	5.3	253	6
17/11/24 04:10	0	3	3	2	22.3	47	5.1	253	7
17/11/24 04:15	0	4	4	2	22.2	49	3.8	257	6
17/11/24 04:20	0	5	5	2	22.1	48	3.3	270	12
17/11/24 04:25	0	6	6	2	22.1	49	4.1	263	9
17/11/24 04:30	0	8	9	3	22.0	49	5.5	254	6
17/11/24 04:35	1	16	16	3	21.9	50	3.2	268	14
17/11/24 04:40	1	11	12	3	21.9	49	2.9	269	13
17/11/24 04:45	1	7	7	3	21.9	49	5.0	262	4
17/11/24 04:50	1	5	6	3	21.9	51	3.1	269	12
17/11/24 04:55	0	6	6	3	21.8	49	2.0	280	15
17/11/24 05:00	0	6	6	3	21.9	46	2.4	300	15
17/11/24 05:05	0	6	6	2	22.1	45	2.4	288	13
17/11/24 05:10	0	6	6	2	22.2	46	1.2	325	44
17/11/24 05:15	0	7	7	2	22.0	45	1.4	30	13
17/11/24 05:20	3	10	13	2	21.9	45	1.2	353	22
17/11/24 05:25	1	12	12	2	21.9	46	0.9	360	24
17/11/24 05:30	4	16	19	3	21.9	46	0.8	349	27
17/11/24 05:35	2	20	23	3	21.9	46	2.1	302	17
17/11/24 05:40	5	28	32	4	22.0	48	1.9	287	13
17/11/24 05:45	7	30	37	4	21.9	48	1.7	291	13
17/11/24 05:50	5	28	34	4	22.1	47	1.1	316	23
17/11/24 05:55	5	27	32	4	22.4	46	1.1	6	31
17/11/24 06:00	6	27	33	4	22.5	45	1.6	346	21
17/11/24 06:05	6	23	30	4	22.6	45	1.5	343	27
17/11/24 06:10	4	16	20	4	22.6	45	0.8	18	40
17/11/24 06:15	3	16	18	3	22.6	45	2.5	33	13
17/11/24 06:20	3	14	17	3	22.7	44	1.6	48	22
17/11/24 06:25	3	9	12	3	23.0	44	0.6	14	75
17/11/24 06:30	2	8	10	3	23.1	44	1.3	20	50
17/11/24 06:35	2	7	10	3	23.5	42	1.8	35	16
17/11/24 06:40	3	7	9	3	23.6	42	1.9	40	18
17/11/24 06:45	1	9	10	3	23.6	42	1.8	31	12
17/11/24 06:50	1	9	11	3	23.6	42	1.7	27	18
17/11/24 06:55	2	9	10	3	23.9	42	2.0	43	11
17/11/24 07:00	13	12	25	3	24.0	42	1.6	35	21
17/11/24 07:05	2	9	11	2	24.1	41	1.6	54	12
17/11/24 07:10	10	8	18	2	24.1	41	1.5	50	12
17/11/24 07:15	1	8	9	2	24.1	41	1.6	34	13
17/11/24 07:20	6	9	15	2	24.2	41	1.9	51	14
17/11/24 07:25	12	14	26	2	24.2	41	1.6	22	19
17/11/24 07:30				2	24.4	41	2.1	29	10
17/11/24 07:35	6	18	24	2	24.5	41	1.5	24	16
17/11/24 07:40	4	12	16	2	24.6	41	1.2	23	18
17/11/24 07:45	2	10	12	2	24.5	42	0.4	282	52
17/11/24 07:50	1	10	10	2	24.1	44	0.9	257	24
17/11/24 07:55	1	10	10	2	23.8	44	1.2	272	36
17/11/24 08:00	0	10	10	2	23.8	48	2.2	206	9

Station Pier Ambient Air Quality Monitoring

November 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 (°)
17/11/24 08:05	0	11	12	3	22.2	63	5.6	208	5
17/11/24 08:10	1	16	17	3	21.7	66	6.0	205	6
17/11/24 08:15	1	14	15	2	21.4	68	5.5	206	5
17/11/24 08:20	1	11	12	2	21.5	65	8.1	209	3
17/11/24 08:25	1	10	11	2	21.5	63	6.7	203	5
17/11/24 08:30	1	9	11	2	21.6	60	5.4	197	4
17/11/24 08:35	1	10	11	2	21.4	64	4.3	199	4
17/11/24 08:40	1	9	10	2	21.6	60	4.2	201	5
17/11/24 08:45	1	9	10	2	21.4	66	4.0	201	3
17/11/24 08:50	1	9	10	2	21.1	66	3.8	206	4
17/11/24 08:55	1	8	9	2	21.3	66	5.0	209	4
17/11/24 09:00	1	7	8	2	21.1	67	5.5	219	5
17/11/24 09:05	1	7	8	2	21.1	69	5.2	219	3
17/11/24 09:10	1	5	6	2	20.9	69	4.8	226	6
17/11/24 09:15	1	4	4	2	21.1	69	4.0	226	5
17/11/24 09:20	1	3	4	2	21.2	70	3.3	224	5
17/11/24 09:25	1	3	4	2	21.2	71	3.3	223	5
17/11/24 09:30	1	3	4	2	21.2	67	4.1	228	4
17/11/24 09:35	0	3	3	2	21.4	67	4.1	222	6
17/11/24 09:40	0	3	3	2	21.4	69	4.5	219	4
17/11/24 09:45	0	3	3	2	21.6	68	4.6	210	4
17/11/24 09:50	0	3	3	3	21.8	63	5.3	213	4
17/11/24 09:55	0	2	3	3	22.0	64	4.9	209	3
17/11/24 10:00	0	2	2	3	21.8	64	5.8	215	3
17/11/24 10:05	0	2	2	2	22.0	64	5.9	217	5
17/11/24 10:10	0	2	2	2	22.0	64	9.9	217	5
17/11/24 10:15	0	2	2	2	20.4	67	16.0	218	5
17/11/24 10:20	0	2	2	2	19.3	70	15.7	229	6
17/11/24 10:25	0	2	2	2	18.1	70	16.1	233	6
17/11/24 10:30	0	1	2	2	17.4	69	15.1	230	6
17/11/24 10:35	0	1	1	2	17.3	68	14.2	229	6
17/11/24 10:40	0	1	1	2	17.6	63	11.7	231	8
17/11/24 10:45	0	1	1	2	17.5	60	12.3	240	8
17/11/24 10:50	0	1	1	2	17.2	60	12.4	238	8
17/11/24 10:55	0	1	1	2	17.0	60	10.1	241	8
17/11/24 11:00	0	1	1	2	17.0	59	10.9	242	10
17/11/24 11:05	0	1	1	2	16.7	60	10.2	239	9
17/11/24 11:10	0	1	1	2	16.4	62	9.4	243	8
17/11/24 11:15	0	1	1	2	16.0	65	10.2	241	9
17/11/24 11:20	0	1	1	2	15.5	67	9.5	239	7
17/11/24 11:25	0	1	1	2	15.5	67	10.6	241	9
17/11/24 11:30	0	1	1	2	15.2	70	11.1	232	7
17/11/24 11:35	0	1	1	2	14.4	77	9.8	238	9
17/11/24 11:40	0	1	1	2	14.1	79	10.2	242	10
17/11/24 11:45	0	1	1	2	14.1	81	7.5	251	11
17/11/24 11:50	0	1	1	2	14.1	81	8.3	254	11
17/11/24 11:55	0	1	2	2	13.9	81	8.4	250	10
17/11/24 12:00	0	2	2	2	14.1	81	9.0	250	8
17/11/24 12:05	1	2	3	2	13.9	82	8.7	247	9
17/11/24 12:10	1	6	7	2	13.7	82	7.9	256	10
17/11/24 12:15	1	6	7	2	13.7	83	5.1	259	14
17/11/24 12:20	1	5	6	2	13.8	82	6.2	267	12
17/11/24 12:25	1	3	4	2	13.8	79	4.7	276	14
17/11/24 12:30	0	2	3	2	13.8	77	5.4	274	13
17/11/24 12:35	0	2	3	2	14.0	78	5.1	272	13
17/11/24 12:40	0	2	3	2	14.0	78	4.7	272	13
17/11/24 12:45	0	3	3	2	14.0	78	4.5	279	13
17/11/24 12:50	1	4	4	2	14.0	79	3.5	278	15
17/11/24 12:55	1	5	6	2	14.2	79	3.4	274	15
17/11/24 13:00	1	5	7	2	14.5	76	4.4	273	12
17/11/24 13:05	1	4	5	2	14.8	72	5.3	268	11
17/11/24 13:10	1	5	6	2	15.2	70	4.4	273	13
17/11/24 13:15	1	4	5	2	15.4	67	4.3	276	13
17/11/24 13:20	1	4	6	2	15.6	64	3.4	281	15
17/11/24 13:25	1	5	6	2	15.9	62	3.4	277	15
17/11/24 13:30	1	4	5	3	16.3	60	4.1	279	13
17/11/24 13:35	1	4	5	2	16.7	58	5.2	265	15
17/11/24 13:40	1	4	5	3	17.0	55	4.5	268	15
17/11/24 13:45	2	4	5	3	17.3	55	3.8	264	13
17/11/24 13:50	2	4	5	3	17.5	52	4.4	257	9
17/11/24 13:55	2	4	6	3	17.8	52	4.0	248	8
17/11/24 14:00	2	4	7	3	18.5	50	4.6	242	14
17/11/24 14:05	2	4	6	3	18.9	47	8.5	240	8
17/11/24 14:10	2	3	4	2	19.2	50	7.1	255	8
17/11/24 14:15	2	3	5	3	19.4	48	6.7	264	13
17/11/24 14:20	2	2	4	3	19.4	47	7.9	251	11
17/11/24 14:25	2	2	4	3	19.6	48	7.2	257	11
17/11/24 14:30	1	2	3	3	19.9	47	8.2	258	11
17/11/24 14:35	1	2	3	2	20.2	44	6.4	273	12
17/11/24 14:40	1	2	3	2	20.2	46	6.9	260	11
17/11/24 14:45	1	2	3	2	20.2	45	6.2	275	11
17/11/24 14:50	1	2	3	2	20.3	46	7.1	267	11
17/11/24 14:55	1	2	3	2	20.2	47	6.7	252	5
17/11/24 15:00	1	3	4	2	20.3	46	4.2	259	15

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
17/11/24 15:05	2	3	5	2	20.9	43	5.4	268	13
17/11/24 15:10	1	2	3	3	20.8	43	6.4	259	7
17/11/24 15:15	1	5	6	3	20.9	44	5.5	258	10
17/11/24 15:20	2	4	6	2	21.2	41	4.6	281	13
17/11/24 15:25	1	3	4	2	21.3	41	5.6	273	14
17/11/24 15:30	1	3	4	2	21.3	40	4.2	272	19
17/11/24 15:35	1	2	3	2	21.4	39	4.3	280	18
17/11/24 15:40	1	2	3	2	21.4	39	4.5	279	11
17/11/24 15:45	1	2	3	2	21.6	39	4.0	279	13
17/11/24 15:50	1	2	3	2	21.8	37	5.4	266	14
17/11/24 15:55	1	2	3	2	21.9	37	6.1	271	16
17/11/24 16:00	1	2	3	2	22.0	38	8.7	263	7
17/11/24 16:05	1	2	3	2	21.7	40	5.9	264	10
17/11/24 16:10	1	2	3	2	21.8	40	5.1	254	11
17/11/24 16:15	1	2	3	2	21.9	39	4.6	276	15
17/11/24 16:20	1	2	3	2	22.2	36	4.7	280	14
17/11/24 16:25	1	3	3	2	22.1	38	6.6	252	7
17/11/24 16:30	1	2	3	2	22.0	39	5.9	248	9
17/11/24 16:35	1	2	3	2	22.5	36	7.9	263	10
17/11/24 16:40	1	2	2	2	22.4	37	7.1	256	5
17/11/24 16:45	1	2	2	2	22.3	36	8.8	260	9
17/11/24 16:50	0	2	2	2	22.3	36	8.0	266	8
17/11/24 16:55	0	2	2	2	22.4	36	7.7	260	6
17/11/24 17:00	0	2	2	1	22.5	37	9.1	257	6
17/11/24 17:05	0	2	2	2	22.5	36	8.3	261	9
17/11/24 17:10	0	2	2	2	22.4	37	8.0	268	10
17/11/24 17:15	0	2	2	2	22.2	38	9.2	259	6
17/11/24 17:20	1	2	2	2	22.1	40	8.2	258	7
17/11/24 17:25	0	2	3	2	22.1	39	8.2	261	5
17/11/24 17:30	0	2	3	2	22.1	39	7.9	261	6
17/11/24 17:35	0	2	3	2	22.2	38	7.3	260	8
17/11/24 17:40	0	2	3	2	22.4	37	8.3	264	8
17/11/24 17:45	0	2	3	2	22.2	38	6.8	261	9
17/11/24 17:50	0	2	3	2	22.3	38	7.1	259	9
17/11/24 17:55	0	2	3	2	22.2	38	7.7	259	8
17/11/24 18:00	0	2	3	2	22.2	37	8.4	249	11
17/11/24 18:05	0	2	3	2	22.1	38	8.3	249	10
17/11/24 18:10	0	2	2	2	22.0	38	9.7	253	8
17/11/24 18:15	0	2	2	3	21.9	37	9.2	251	9
17/11/24 18:20	0	2	3	2	21.8	37	8.4	255	6
17/11/24 18:25	0	3	3	2	22.0	36	8.4	258	10
17/11/24 18:30	0	3	3	2	21.8	36	9.9	255	7
17/11/24 18:35	0	2	3	2	21.6	36	9.8	253	6
17/11/24 18:40	0	2	2	2	21.4	37	10.0	249	6
17/11/24 18:45	0	2	2	2	21.4	37	9.3	249	7
17/11/24 18:50	0	2	2	2	21.3	38	8.5	260	6
17/11/24 18:55	0	2	3	2	21.2	38	9.1	255	7
17/11/24 19:00	0	3	3	2	21.1	38	9.6	257	7
17/11/24 19:05	0	2	3	2	21.2	37	10.0	252	8
17/11/24 19:10	0	2	2	2	20.9	39	7.7	250	6
17/11/24 19:15	0	2	2	2	20.9	39	9.1	249	8
17/11/24 19:20	0	2	2	2	20.7	39	9.6	251	9
17/11/24 19:25	0	2	2	2	20.5	40	9.7	250	9
17/11/24 19:30	0	2	2	2	20.4	40	10.3	248	7
17/11/24 19:35	0	2	2	2	20.2	40	10.2	246	7
17/11/24 19:40	0	2	2	2	20.1	39	10.2	251	7
17/11/24 19:45	0	2	2	2	20.0	40	9.1	245	8
17/11/24 19:50	0	2	2	2	19.9	40	9.7	249	7
17/11/24 19:55	0	2	2	2	19.7	41	9.8	252	7
17/11/24 20:00	0	2	2	2	19.6	41	9.7	254	8
17/11/24 20:05	0	2	2	2	19.6	41	10.6	256	6
17/11/24 20:10	0	3	3	2	19.5	42	8.2	257	9
17/11/24 20:15	0	3	3	2	19.4	43	9.5	254	5
17/11/24 20:20	0	3	3	2	19.3	45	9.3	255	6
17/11/24 20:25	0	3	3	2	19.2	43	8.3	259	6
17/11/24 20:30	0	3	3	2	19.2	44	7.8	261	7
17/11/24 20:35	0	3	3	2	19.2	44	8.6	262	7
17/11/24 20:40	0	3	3	2	19.1	44	8.0	261	6
17/11/24 20:45	0	3	3	2	19.0	45	5.3	270	11
17/11/24 20:50	0	3	3	2	18.9	44	5.0	273	11
17/11/24 20:55	0	3	3	2	18.9	44	5.4	270	12
17/11/24 21:00	0	3	3	2	18.8	44	4.5	273	14
17/11/24 21:05	0	5	5	3	18.8	44	4.6	281	14
17/11/24 21:10	0	6	6	3	18.7	42	4.4	277	13
17/11/24 21:15	0	6	6	3	18.7	44	4.5	274	12
17/11/24 21:20	0	7	7	3	18.6	44	4.5	279	15
17/11/24 21:25	0	8	8	3	18.7	44	6.3	270	13
17/11/24 21:30	0	7	7	3	18.6	46	4.8	274	13
17/11/24 21:35	0	5	5	3	18.5	46	5.3	266	9
17/11/24 21:40	0	4	4	2	18.5	47	4.9	265	11
17/11/24 21:45	0	4	4	2	18.5	47	7.9	261	11
17/11/24 21:50	0	3	4	2	18.5	48	6.1	263	10
17/11/24 21:55	0	3	4	2	18.4	49	4.9	267	12
17/11/24 22:00	0	3	3	2	18.3	50	5.4	267	11

Station Pier Ambient Air Quality Monitoring
November 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 (°)
17/11/24 22:05	0	3	3	2	18.3	50	6.4	266	9
17/11/24 22:10	0	3	3	2	18.3	50	4.9	269	11
17/11/24 22:15	0	3	3	2	18.2	49	3.6	271	11
17/11/24 22:20	0	3	3	2	18.2	48	5.0	274	15
17/11/24 22:25	0	4	4	2	18.2	48	5.3	281	15
17/11/24 22:30	0	4	4	2	18.1	48	5.6	282	15
17/11/24 22:35	0	5	5	3	18.1	47	6.0	273	16
17/11/24 22:40	0	5	6	3	18.1	49	5.2	279	13
17/11/24 22:45	0	6	6	3	18.0	49	5.7	275	14
17/11/24 22:50	0	6	6	3	18.0	48	5.7	274	13
17/11/24 22:55	0	5	6	3	18.0	49	7.3	271	14
17/11/24 23:00	0	5	5	3	17.7	53	11.3	265	12
17/11/24 23:05	0	4	4	2	17.1	58	8.5	271	10
17/11/24 23:10	0	3	3	2	16.8	59	8.7	262	7
17/11/24 23:15	0	3	3	3	16.8	59	7.8	266	9
17/11/24 23:20	0	2	3	2	16.6	61	5.7	272	12
17/11/24 23:25	0	2	2	2	16.4	62	7.0	262	9
17/11/24 23:30	0	2	2	2	16.5	63	6.6	264	11
17/11/24 23:35	0	2	3	2	16.4	63	6.2	260	8
17/11/24 23:40	0	2	3	2	16.3	62	7.7	244	10
17/11/24 23:45	0	2	3	2	15.9	66	11.8	241	11
17/11/24 23:50	0	2	2		15.6	70	11.0	256	5
17/11/24 23:55	0	2	2		15.5	72	9.6	260	9
18/11/24 00:00	0	2	2	2	15.1	72	7.2	270	11
18/11/24 00:05	0	3	3	2	15.2	69	7.2	272	12
18/11/24 00:10	1	4	5	2	15.1	71	5.8	275	17
18/11/24 00:15	1	6	6	2	15.0	70	5.3	281	12
18/11/24 00:20	0	4	5	2	15.0	70	5.7	275	14
18/11/24 00:25	0	4	5	2	15.1	68	5.9	273	11
18/11/24 00:30	0	4	4	2	15.4	67	6.2	272	11
18/11/24 00:35	0	3	4	2	15.5	67	5.6	273	11
18/11/24 00:40	0	4	4	2	15.5	69	6.2	273	13
18/11/24 00:45	0	4	4	2	15.1	70	7.0	271	13
18/11/24 00:50	0	3	4	2	14.9	72	5.0	274	14
18/11/24 00:55	0	4	4	2	14.9	74	5.4	269	15
18/11/24 01:00	0	4	4	2	14.7	73	5.3	280	13
18/11/24 01:05					14.7	74	4.2	277	18
18/11/24 01:10					14.7	73	5.1	278	14
18/11/24 01:15					14.8	73	5.6	270	11
18/11/24 01:20					14.7	73	5.1	269	13
18/11/24 01:25					14.6	72	4.3	274	14
18/11/24 01:30					14.6	72	3.9	277	15
18/11/24 01:35					14.5	72	3.8	279	17
18/11/24 01:40					14.6	71	4.6	273	15
18/11/24 01:45					14.6	71	5.2	270	11
18/11/24 01:50					14.5	71	4.6	274	14
18/11/24 01:55					14.5	70	4.0	276	16
18/11/24 02:00					14.6	70	4.0	277	15
18/11/24 02:05	1	8	9	2	14.5	69	3.5	280	13
18/11/24 02:10	1	10	11	2	14.5	68	4.3	281	12
18/11/24 02:15	1	8	9	2	14.6	69	4.3	281	12
18/11/24 02:20	1	6	7	2	14.5	69	4.3	279	12
18/11/24 02:25	1	5	6	2	14.6	70	4.5	280	14
18/11/24 02:30	1	6	7	2	14.7	71	5.8	277	15
18/11/24 02:35	1	5	6	2	14.5	74	8.6	265	12
18/11/24 02:40	1	5	5	2	14.2	79	9.3	257	8
18/11/24 02:45	0	4	4	2	13.7	84	8.7	253	5
18/11/24 02:50	0	3	4	2	13.5	86	7.8	262	7
18/11/24 02:55	0	3	3	1	13.3	86	8.0	260	11
18/11/24 03:00	0	3	3	2	13.3	86	8.4	247	7
18/11/24 03:05	0	2	2	2	13.3	88	5.8	248	7
18/11/24 03:10	0	2	2	2	13.3	88	5.6	260	8
18/11/24 03:15	0	2	3	2	13.4	86	3.5	275	13
18/11/24 03:20	0	3	3	2	13.5	85	3.8	285	11
18/11/24 03:25	0	3	4	2	13.5	82	3.2	285	14
18/11/24 03:30	0	8	8	2	13.7	81	3.2	283	14
18/11/24 03:35	1	13	14	2	13.8	77	4.3	281	13
18/11/24 03:40	1	12	13	2	14.1	75	3.5	269	18
18/11/24 03:45	1	11	12	2	14.2	74	2.8	275	13
18/11/24 03:50	1	11	12	2	14.2	74	3.6	271	17
18/11/24 03:55	1	11	11	2	14.4	74	2.9	276	14
18/11/24 04:00	1	10	11	3	14.2	72	2.7	279	13
18/11/24 04:05	1	10	11	2	14.1	73	3.1	280	15
18/11/24 04:10	1	11	12	2	14.1	74	3.4	277	15
18/11/24 04:15	1	12	13	2	14.1	73	2.8	281	17
18/11/24 04:20	1	11	12	2	14.0	73	3.0	283	18
18/11/24 04:25	1	9	10	2	14.0	73	2.7	279	17
18/11/24 04:30	1	6	6	2	14.0	74	2.3	290	16
18/11/24 04:35	1	6	6	2	14.0	75	2.6	284	17
18/11/24 04:40	0	6	7	2	14.0	74	3.2	283	18
18/11/24 04:45	1	8	9	2	14.0	74	3.6	278	14
18/11/24 04:50	1	11	12	2	14.0	75	4.1	278	14
18/11/24 04:55	1	12	13	2	14.0	76	4.0	277	16
18/11/24 05:00	2	15	17	2	14.0	76	3.6	282	14

Station Pier Ambient Air Quality Monitoring
November 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 (°)
18/11/24 05:05	2	20	22	2	13.8	76	3.6	284	14
18/11/24 05:10	2	11	13	2	13.8	76	3.1	290	19
18/11/24 05:15	2	8	10	2	13.7	76	2.7	284	14
18/11/24 05:20	2	10	12	2	13.7	77	2.7	279	12
18/11/24 05:25	3	18	21	2	13.8	76	2.6	279	13
18/11/24 05:30	4	19	23	2	13.7	76	2.6	278	14
18/11/24 05:35	4	15	19	2	13.7	75	2.8	277	15
18/11/24 05:40	4	14	18	2	13.8	75	2.8	283	16
18/11/24 05:45	4	14	18	2	13.9	75	2.5	285	14
18/11/24 05:50	4	14	18	2	13.8	74	3.4	281	13
18/11/24 05:55	4	14	18	2	14.1	73	3.3	278	12
18/11/24 06:00	6	14	20	2	14.2	73	3.3	273	15
18/11/24 06:05	8	18	26	2	14.4	72	3.3	282	15
18/11/24 06:10	11	17	29	2	14.4	72	3.9	274	14
18/11/24 06:15	11	15	26	2	14.4	71	4.4	276	14
18/11/24 06:20	10	12	21	2	14.4	72	5.3	266	9
18/11/24 06:25	6	9	15	2	14.6	71	5.1	271	14
18/11/24 06:30	5	10	15	2	14.6	71	6.1	263	10
18/11/24 06:35	5	9	13	2	14.7	71	5.6	270	12
18/11/24 06:40	4	7	12	2	14.7	70	5.0	268	9
18/11/24 06:45	4	7	11	2	14.9	70	6.5	256	9
18/11/24 06:50	4	7	11	2	15.0	70	6.3	263	10
18/11/24 06:55	4	7	11	2	15.0	69	6.0	258	12
18/11/24 07:00	4	7	10	2	15.1	69	6.0	257	11
18/11/24 07:05	4	6	10	2	15.2	69	6.4	258	10
18/11/24 07:10	4	6	10	2	15.2	69	6.1	256	9
18/11/24 07:15	3	6	9	2	15.3	68	6.3	261	9
18/11/24 07:20	3	6	9	2	15.3	67	7.2	258	11
18/11/24 07:25	3	5	8	2	15.3	66	5.9	261	13
18/11/24 07:30	3	5	8	2	15.4	65	6.9	253	9
18/11/24 07:35	3	4	7	2	15.4	66	6.6	250	7
18/11/24 07:40	2	4	7	2	15.6	65	6.3	245	15
18/11/24 07:45	2	4	6	2	15.6	65	6.5	252	12
18/11/24 07:50	3	4	7	2	15.7	65	6.5	257	9
18/11/24 07:55	3	4	7	2	15.7	64	5.8	256	9
18/11/24 08:00	2	5	7	2	15.8	64	6.8	246	12
18/11/24 08:05	2	4	6	2	15.7	62	7.7	239	6
18/11/24 08:10	2	4	6	2	15.8	66	5.7	265	14
18/11/24 08:15	2	5	7	2	15.5	68	4.9	274	13
18/11/24 08:20	2	5	8	2	15.5	68	6.0	259	10
18/11/24 08:25	3	5	8	2	15.6	66	8.2	255	10
18/11/24 08:30	2	5	7	2	15.6	66	6.7	241	6
18/11/24 08:35	2	4	7	2	15.6	64	7.2	247	9
18/11/24 08:40	2	3	5	2	15.6	65	6.0	241	12
18/11/24 08:45	2	3	5	2	15.8	63	5.4	241	11
18/11/24 08:50	2	3	5	2	16.1	62	6.5	249	7
18/11/24 08:55	2	3	5	2	16.2	62	5.7	254	7
18/11/24 09:00	2	3	5	2	16.4	61	6.1	254	10
18/11/24 09:05	2	3	5	2	16.3	59	7.6	241	9
18/11/24 09:10	1	3	4	2	16.2	60	6.4	234	6
18/11/24 09:15	1	3	4	2	16.4	57	6.8	233	7
18/11/24 09:20	1	3	4	2	16.5	59	5.6	231	11
18/11/24 09:25	1	3	4	2	16.5	60	7.2	237	8
18/11/24 09:30	1	3	4	2	16.4	59	6.5	247	7
18/11/24 09:35	1	3	4	2	16.5	59	5.5	257	12
18/11/24 09:40	1	3	4	2	16.6	57	6.7	240	12
18/11/24 09:45	1	3	4	2	16.6	57	7.9	238	6
18/11/24 09:50	1	3	4	2	16.6	57	7.1	245	9
18/11/24 09:55	1	3	4	2	16.6	58	8.5	256	8
18/11/24 10:00	1	3	4	2	16.6	57	7.4	249	5
18/11/24 10:05	1	3	4	2	16.9	56	7.0	243	9
18/11/24 10:10	2	3	5	2	17.0	57	6.7	225	6
18/11/24 10:15	1	1	2	2	17.1	56	8.1	222	6
18/11/24 10:20	1	0	1	2	17.0	56	6.7	229	13
18/11/24 10:25	1	2	3	2	17.1	55	6.6	240	10
18/11/24 10:30	1	2	3	2	17.2	56	7.2	251	8
18/11/24 10:35	1	2	4	2	17.1	56	6.1	260	10
18/11/24 10:40	1	3	4	2	17.2	56	6.9	252	10
18/11/24 10:45	2	3	4	2	17.1	56	7.1	230	8
18/11/24 10:50	1	2	4	2	17.2	59	7.1	222	7
18/11/24 10:55	1	2	3	2	17.2	60	7.0	222	9
18/11/24 11:00	1	1	3	2	17.1	62	7.0	216	7
18/11/24 11:05	1	2	3	2	16.9	64	7.1	210	7
18/11/24 11:10	3	3	5	2	17.0	64	6.4	210	7
18/11/24 11:15	1	2	3	2	17.1	63	5.4	207	5
18/11/24 11:20	2	2	5	2	17.0	62	5.3	219	8
18/11/24 11:25	1	1	2	2	17.1	60	4.6	210	7
18/11/24 11:30	1	1	2	2	17.4	58	4.4	211	8
18/11/24 11:35	1	2	3	2	17.7	55	3.7	202	6
18/11/24 11:40	1	2	3	2	17.9	58	3.1	189	13
18/11/24 11:45	1	3	4	2	18.4	56	3.7	178	13
18/11/24 11:50	2	3	5	2	18.5	57	3.1	186	12
18/11/24 11:55	2	6	8	2	18.6	57	2.7	183	12
18/11/24 12:00	3	6	9	2	18.8	54	1.7	158	24

Station Pier Ambient Air Quality Monitoring
November 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 (°)
18/11/24 12:05	2	1	3	2	19.2	54	2.3	177	22
18/11/24 12:10	2	1	3	1	19.0	54	2.7	170	17
18/11/24 12:15	2	2	4	1	18.9	54	3.6	182	13
18/11/24 12:20	6	12	19	2	18.5	55	3.6	185	9
18/11/24 12:25	25	8	33	2	18.4	56	3.7	187	12
18/11/24 12:30	7	5	12	2	18.2	55	4.0	198	9
18/11/24 12:35	47	21	68	2	18.1	59	5.0	182	14
18/11/24 12:40	3	4	7	2	17.9	64	4.0	172	15
18/11/24 12:45	2	2	5	2	17.8	65	3.8	171	16
18/11/24 12:50	2	1	3	2	17.7	67	3.8	168	17
18/11/24 12:55	3	2	5	2	17.8	67	3.4	172	14
18/11/24 13:00	3	2	5	1	18.1	67	3.4	175	16
18/11/24 13:05	2	2	4	1	18.1	67	3.7	167	18
18/11/24 13:10	1	2	3	1	17.9	69	3.8	166	18
18/11/24 13:15	1	2	2	1	17.7	70	3.8	170	19
18/11/24 13:20	0	1	1	1	17.3	71	4.4	174	15
18/11/24 13:25	0	1	2	1	17.3	70	3.3	168	22
18/11/24 13:30	0	1	1	2	17.5	70	3.1	170	17
18/11/24 13:35	0	1	2	2	17.8	68	3.1	171	17
18/11/24 13:40	1	1	2	2	18.3	66	3.1	162	23
18/11/24 13:45	1	2	2	1	18.4	64	3.2	160	20
18/11/24 13:50	1	2	2	1	18.3	62	2.8	162	28
18/11/24 13:55	1	1	2	1	18.1	62	3.0	166	23
18/11/24 14:00	0	1	2	1	18.1	63	3.1	169	17
18/11/24 14:05	0	1	2	1	18.2	64	3.6	178	13
18/11/24 14:10	0	1	2	1	18.1	64	3.5	181	16
18/11/24 14:15	1	1	2	1	18.7	61	2.9	172	22
18/11/24 14:20	0	1	1	1	18.6	60	3.7	180	15
18/11/24 14:25	0	1	1	1	18.4	61	3.4	180	13
18/11/24 14:30	0	1	1	1	18.4	61	3.7	171	20
18/11/24 14:35	1	1	1	1	18.2	62	4.3	182	13
18/11/24 14:40	1	1	1	1	18.0	62	3.6	176	12
18/11/24 14:45	0	1	1	1	18.3	61	4.0	182	13
18/11/24 14:50	1	1	2	1	18.6	59	4.1	179	13
18/11/24 14:55	1	2	3	1	18.7	61	3.9	178	13
18/11/24 15:00	2	2	4	1	18.8	59	4.1	176	16
18/11/24 15:05	1	2	3	1	18.6	59	4.1	180	14
18/11/24 15:10	1	2	3	1	18.6	59	4.9	177	12
18/11/24 15:15	1	1	2	1	18.6	61	4.1	177	14
18/11/24 15:20	1	1	2	1	18.7	63	3.6	162	23
18/11/24 15:25	1	1	2	1	18.7	65	3.2	161	23
18/11/24 15:30	1	1	2	1	18.6	63	3.2	167	21
18/11/24 15:35	1	1	2	1	18.7	61	3.5	167	21
18/11/24 15:40	1	1	2	1	18.8	62	3.8	166	17
18/11/24 15:45	1	2	3	1	18.7	62	3.9	164	17
18/11/24 15:50	1	2	3	1	18.5	62	4.2	175	13
18/11/24 15:55	1	2	3	1	18.5	63	4.0	174	14
18/11/24 16:00	1	2	4	1	18.4	62	4.9	179	13
18/11/24 16:05	2	3	4	1	18.5	63	4.4	176	14
18/11/24 16:10	2	2	3	1	18.4	64	5.3	175	11
18/11/24 16:15	1	2	3	1	18.2	67	4.3	175	14
18/11/24 16:20	1	2	3	1	18.3	68	4.0	175	15
18/11/24 16:25	1	1	2	1	18.2	66	4.5	176	12
18/11/24 16:30	1	1	1	1	17.9	66	5.5	177	12
18/11/24 16:35	1	1	1	1	17.6	67	4.5	172	13
18/11/24 16:40	1	1	2	1	17.6	68	4.6	173	12
18/11/24 16:45	2	7	9	1	17.6	67	4.9	179	11
18/11/24 16:50	2	3	5	1	17.6	66	4.7	181	11
18/11/24 16:55	2	1	3	1	17.9	67	4.0	172	14
18/11/24 17:00	1	1	3	1	17.9	64	4.8	180	11
18/11/24 17:05	1	1	2	1	18.0	65	4.3	179	12
18/11/24 17:10	1	1	2	1	18.0	65	4.2	179	13
18/11/24 17:15	1	1	2	1	17.9	63	4.6	180	11
18/11/24 17:20	1	1	2	1	18.2	64	3.8	170	19
18/11/24 17:25	1	1	2	1	18.1	63	4.7	179	11
18/11/24 17:30	1	3	4	1	18.2	62	5.1	181	11
18/11/24 17:35	1	2	3	1	18.1	65	4.0	175	14
18/11/24 17:40	1	2	3	1	18.2	64	3.8	170	18
18/11/24 17:45	1	2	3	1	17.9	64	4.6	176	11
18/11/24 17:50	1	2	3	1	17.6	68	4.5	181	12
18/11/24 17:55	2	9	10	1	17.3	71	5.1	178	12
18/11/24 18:00	2	3	5	1	17.3	72	3.7	170	17
18/11/24 18:05	1	2	3	1	17.1	71	5.0	181	11
18/11/24 18:10	1	2	3	1	16.8	70	5.4	183	10
18/11/24 18:15	0	1	2	1	16.7	70	4.9	181	12
18/11/24 18:20	0	1	1	1	16.8	72	4.7	178	11
18/11/24 18:25	0	1	1	1	16.8	74	4.4	172	14
18/11/24 18:30	0	1	1	1	16.8	72	5.1	179	10
18/11/24 18:35	0	1	1	1	16.5	72	5.1	180	12
18/11/24 18:40	0	1	1	1	16.5	74	4.4	173	17
18/11/24 18:45	0	1	1	1	16.3	74	4.4	179	12
18/11/24 18:50	0	1	1	1	16.3	73	4.7	178	11
18/11/24 18:55	0	1	1	1	16.3	74	5.0	176	12
18/11/24 19:00	0	1	1	1	16.2	72	4.6	176	13

Station Pier Ambient Air Quality Monitoring
November 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 (°)
18/11/24 19:05	0	1	1	1	16.1	71	5.3	181	12
18/11/24 19:10	0	1	1	1	16.2	74	5.3	180	10
18/11/24 19:15	0	1	1	1	16.2	73	5.4	178	11
18/11/24 19:20	0	0	1	1	16.2	74	4.8	176	14
18/11/24 19:25	0	0	0	1	16.1	72	5.7	182	10
18/11/24 19:30	0	1	1	1	16.1	73	5.6	182	11
18/11/24 19:35	0	2	2	1	16.1	72	5.3	184	10
18/11/24 19:40	0	2	1	1	16.0	72	5.2	181	11
18/11/24 19:45	0	1	1	1	16.1	73	5.1	179	10
18/11/24 19:50	0	1	1	1	16.1	72	5.3	183	11
18/11/24 19:55	0	1	1	1	16.1	72	4.9	182	12
18/11/24 20:00	0	1	1	1	16.0	70	5.7	177	10
18/11/24 20:05	0	1	1	1	16.1	70	5.4	186	9
18/11/24 20:10	0	1	1	1	16.1	70	5.2	183	8
18/11/24 20:15	0	2	2	1	16.1	71	5.8	189	10
18/11/24 20:20	0	1	2	1	16.1	71	4.9	182	12
18/11/24 20:25	0	2	2	1	16.1	69	5.6	182	11
18/11/24 20:30	0	1	1	1	16.0	69	5.7	184	9
18/11/24 20:35	0	1	1	1	16.1	69	5.2	186	11
18/11/24 20:40	0	1	1	1	16.1	69	5.7	189	7
18/11/24 20:45	0	1	1	1	16.1	69	5.8	191	7
18/11/24 20:50	0	1	1	1	16.1	68	4.8	186	8
18/11/24 20:55	0	2	2	1	16.1	70	5.8	194	5
18/11/24 21:00	0	2	2	1	16.2	68	6.6	196	7
18/11/24 21:05	0	1	2	1	16.1	68	7.3	198	4
18/11/24 21:10	0	1	1	1	16.1	69	7.3	197	5
18/11/24 21:15	0	1	1	1	16.1	68	6.1	197	7
18/11/24 21:20	0	1	1	1	16.1	69	6.6	202	9
18/11/24 21:25	0	1	1	1	15.9	68	6.0	195	6
18/11/24 21:30	0	2	2	1	16.0	69	6.1	203	6
18/11/24 21:35	0	1	1	1	16.1	68	5.8	199	7
18/11/24 21:40	0	1	1	1	16.0	68	6.5	197	5
18/11/24 21:45	0	1	1	1	15.9	66	6.4	199	6
18/11/24 21:50	0	1	1	1	15.8	65	6.1	196	6
18/11/24 21:55	0	1	1	1	15.9	65	6.0	201	7
18/11/24 22:00	0	1	1	2	15.9	66	5.4	193	7
18/11/24 22:05	0	1	1	1	16.0	65	5.6	194	7
18/11/24 22:10	0	1	1	1	16.0	64	6.6	197	5
18/11/24 22:15	0	1	1	1	15.9	62	5.2	188	8
18/11/24 22:20	0	1	1	1	15.8	63	5.3	185	9
18/11/24 22:25	0	1	1	1	15.8	65	5.8	191	6
18/11/24 22:30	0	0	1	1	15.8	66	6.3	197	6
18/11/24 22:35	0	0	1	1	15.8	66	5.4	192	8
18/11/24 22:40	0	1	1	1	15.8	66	6.6	201	6
18/11/24 22:45	0	1	1	1	15.7	65	5.4	192	6
18/11/24 22:50	0	1	1	1	15.8	66	5.6	195	8
18/11/24 22:55	0	1	1	1	15.8	66	5.1	191	8
18/11/24 23:00	0	1	1	1	15.8	62	4.9	193	10
18/11/24 23:05	0	1	1	1	15.8	62	5.3	200	7
18/11/24 23:10	0	1	1	1	15.8	60	4.6	196	7
18/11/24 23:15	0	1	1	1	15.8	67	5.2	203	6
18/11/24 23:20	0	1	1	1	15.8	69	5.5	199	8
18/11/24 23:25	0	1	1	1	15.8	67	6.1	197	4
18/11/24 23:30	0	1	1	1	15.8	68	5.8	197	7
18/11/24 23:35	0	1	1	1	15.7	66	5.4	198	9
18/11/24 23:40	0	1	1	1	15.7	67	4.6	193	15
18/11/24 23:45	0	1	1	1	15.6	66	4.8	191	8
18/11/24 23:50	0	1	1		15.6	63	4.9	186	10
18/11/24 23:55	0	1	1		15.6	62	4.7	187	7
19/11/24 00:00	0	1	1	1	15.7	67	5.0	198	7
19/11/24 00:05	0	1	1	1	15.7	68	5.0	195	7
19/11/24 00:10	0	1	1	1	15.5	66	4.3	186	10
19/11/24 00:15	0	1	1	1	15.5	65	5.5	189	7
19/11/24 00:20	0	1	1	1	15.5	63	5.2	187	9
19/11/24 00:25	0	1	1	1	15.5	63	4.4	186	8
19/11/24 00:30	0	1	1	1	15.6	63	5.1	195	7
19/11/24 00:35	0	1	1	1	15.6	62	5.7	205	10
19/11/24 00:40	0	0	1	1	15.6	63	5.4	206	6
19/11/24 00:45	0	0	1	1	15.7	66	6.8	195	3
19/11/24 00:50	0	1	1	1	15.6	65	6.1	191	9
19/11/24 00:55	0	1	1	1	15.5	66	6.4	193	4
19/11/24 01:00	0	1	1	1	15.4	65	5.8	192	5
19/11/24 01:05					15.5	66	5.5	194	9
19/11/24 01:10					15.3	62	4.6	189	8
19/11/24 01:15					15.4	63	5.4	189	6
19/11/24 01:20					15.3	62	4.6	185	9
19/11/24 01:25					15.3	63	4.4	193	11
19/11/24 01:30					15.3	68	5.7	207	11
19/11/24 01:35					15.3	68	5.7	205	9
19/11/24 01:40					15.3	67	5.6	208	7
19/11/24 01:45					15.3	64	5.3	191	9
19/11/24 01:50					15.4	65	6.3	191	8
19/11/24 01:55					15.2	65	6.2	199	9
19/11/24 02:00					15.4	65	7.1	205	4

Station Pier Ambient Air Quality Monitoring
November 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 (°)
19/11/24 02:05	0	1	1	1	15.3	64	6.5	198	6
19/11/24 02:10	0	1	1	1	15.2	62	6.3	196	9
19/11/24 02:15	0	1	1	1	15.2	64	7.2	200	6
19/11/24 02:20	0	1	1	1	15.1	62	6.0	197	5
19/11/24 02:25	0	1	1	1	15.1	60	5.5	206	7
19/11/24 02:30	0	1	1	1	15.0	59	4.1	210	8
19/11/24 02:35	0	0	0	1	15.1	60	4.2	209	7
19/11/24 02:40	0	0	1	1	15.1	61	4.0	201	7
19/11/24 02:45	0	0	1	1	15.1	63	4.6	203	13
19/11/24 02:50	0	1	1	1	15.2	65	6.0	199	7
19/11/24 02:55	0	1	1	2	15.1	64	5.4	207	5
19/11/24 03:00	0	1	1	2	15.2	63	5.3	195	8
19/11/24 03:05	0	1	1	1	15.0	60	5.0	189	6
19/11/24 03:10	0	1	1	1	15.1	61	4.6	191	12
19/11/24 03:15	0	1	0	1	15.1	64	5.9	205	5
19/11/24 03:20	0	1	0	1	15.1	63	5.9	207	6
19/11/24 03:25	0	1	1	1	15.1	65	5.3	209	6
19/11/24 03:30	0	1	1	1	15.1	65	5.9	201	5
19/11/24 03:35	0	1	1	1	15.0	62	3.8	189	10
19/11/24 03:40	0	1	1	1	15.1	66	5.0	198	6
19/11/24 03:45	0	1	1	1	15.1	62	4.9	198	9
19/11/24 03:50	0	1	1	1	15.0	62	5.1	199	7
19/11/24 03:55	0	1	1	1	14.9	61	3.7	178	12
19/11/24 04:00	0	1	1	1	14.9	61	3.3	176	22
19/11/24 04:05	0	1	1	1	14.9	60	4.3	187	9
19/11/24 04:10	0	0	1	1	15.0	62	4.9	193	9
19/11/24 04:15	0	0	1	2	15.0	61	4.8	191	9
19/11/24 04:20	0	1	1	2	14.9	60	4.3	186	10
19/11/24 04:25	0	1	2	1	14.9	60	3.7	183	12
19/11/24 04:30	0	1	1	1	15.0	60	4.4	184	11
19/11/24 04:35	0	1	1	1	15.0	60	4.3	191	11
19/11/24 04:40	0	1	1	1	14.8	60	4.1	194	8
19/11/24 04:45	0	1	1	1	14.9	59	4.7	197	8
19/11/24 04:50	0	1	1	1	14.8	59	3.2	195	11
19/11/24 04:55	0	1	1	1	14.9	60	4.7	191	5
19/11/24 05:00	0	1	1	1	15.0	59	4.0	186	9
19/11/24 05:05	0	1	1	2	14.9	59	4.0	187	11
19/11/24 05:10	0	1	1	2	14.8	57	3.2	179	14
19/11/24 05:15	0	1	1	2	14.9	57	2.5	177	19
19/11/24 05:20	0	1	1	1	14.8	60	4.2	192	8
19/11/24 05:25	0	1	1	1	14.9	60	3.9	187	10
19/11/24 05:30	0	1	1	1	15.0	59	4.3	190	8
19/11/24 05:35	0	1	1	1	14.9	59	4.2	195	9
19/11/24 05:40	0	1	1	1	14.8	59	3.4	194	10
19/11/24 05:45	0	1	1	1	14.8	59	3.4	203	11
19/11/24 05:50	0	1	1	1	14.9	61	2.8	184	10
19/11/24 05:55	0	1	1	1	14.9	59	1.8	170	16
19/11/24 06:00	0	1	1	1	14.9	61	2.6	181	17
19/11/24 06:05	0	1	1	1	14.8	60	1.6	154	27
19/11/24 06:10	0	1	1	1	14.9	61	1.9	167	20
19/11/24 06:15	31	9	40	1	15.0	61	2.1	180	20
19/11/24 06:20	25	3	27	2	14.9	60	1.4	166	20
19/11/24 06:25	1	0	1	2	14.9	61	2.7	131	19
19/11/24 06:30	0	0	1	2	14.8	62	2.2	155	24
19/11/24 06:35	0	1	1	2	14.9	64	2.3	170	21
19/11/24 06:40	0	1	1	2	15.0	63	3.0	109	27
19/11/24 06:45	0	2	2	2	15.0	64	2.2	151	22
19/11/24 06:50	0	1	1	2	15.1	64	2.9	170	15
19/11/24 06:55	0	1	1	1	15.2	63	3.0	169	16
19/11/24 07:00	0	1	1	1	15.2	61	2.2	159	26
19/11/24 07:05	0	1	1	1	15.2	61	2.1	158	25
19/11/24 07:10	0	1	1	1	15.3	62	2.5	168	21
19/11/24 07:15	0	0	1	1	15.3	62	2.4	173	17
19/11/24 07:20	0	1	1	2	15.3	60	2.1	172	17
19/11/24 07:25	0	0	1	2	15.4	59	2.3	178	15
19/11/24 07:30	0	0	1	2	15.3	59	1.7	173	14
19/11/24 07:35	0	0	1	2	15.4	59	1.7	174	18
19/11/24 07:40	0	0	1	2	15.5	61	2.2	170	21
19/11/24 07:45	0	1	1	2	15.5	59	1.7	165	18
19/11/24 07:50	1	1	1	2	15.5	60	2.5	149	27
19/11/24 07:55	1	1	2	2	15.4	59	2.1	129	26
19/11/24 08:00	1	2	2	2	15.3	58	2.4	132	26
19/11/24 08:05	1	2	2	2	15.4	61	2.0	149	30
19/11/24 08:10	1	1	2	2	15.6	59	2.2	152	26
19/11/24 08:15	0	1	2	2	15.5	58	1.7	157	27
19/11/24 08:20	0	1	1	2	15.6	58	3.0	140	17
19/11/24 08:25	0	1	1	2	15.3	58	2.5	126	18
19/11/24 08:30	0	1	1	2	15.3	58	2.6	145	22
19/11/24 08:35	0	1	1	2	15.4	59	2.2	142	24
19/11/24 08:40	0	1	1	2	15.4	57	2.1	134	25
19/11/24 08:45	0	1	1	2	15.6	59	2.3	165	24
19/11/24 08:50	0	1	2	2	15.9	59	1.8	171	23
19/11/24 08:55	1	2	3	2	16.1	59	2.2	173	21
19/11/24 09:00	1	1	2	2	16.0	58	2.6	167	18

Station Pier Ambient Air Quality Monitoring
November 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 (°)
19/11/24 09:05	0	1	1	2	16.0	58	1.9	158	26
19/11/24 09:10	0	1	1	2	16.1	58	2.4	155	23
19/11/24 09:15	1	1	2	2	16.1	57	2.4	146	24
19/11/24 09:20	0	0	1	2	15.9	58	2.3	148	24
19/11/24 09:25	0	0	1	1	15.9	57	3.1	143	21
19/11/24 09:30	0	1	1	1	16.0	57	2.3	155	20
19/11/24 09:35	0	1	1	1	16.1	55	2.7	145	19
19/11/24 09:40	1	1	2	1	16.2	55	2.2	130	18
19/11/24 09:45	1	1	2	1	16.2	56	2.5	167	20
19/11/24 09:50	1	1	2	1	16.4	56	2.9	164	20
19/11/24 09:55	1	1	2	1	16.5	56	3.2	178	14
19/11/24 10:00	1	2	3	1	16.5	57	3.3	172	16
19/11/24 10:05	1	1	2	1	16.7	57	2.9	177	16
19/11/24 10:10	0	1	2	1	16.9	55	2.5	161	21
19/11/24 10:15	0	1	1	1	16.7	55	2.8	174	15
19/11/24 10:20	0	1	1	1	16.7	55	2.5	173	14
19/11/24 10:25	0	1	1	1	16.8	55	2.5	154	24
19/11/24 10:30	0	1	1	1	16.8	55	2.7	165	20
19/11/24 10:35	0	1	1	1	16.9	55	2.7	168	19
19/11/24 10:40	0	1	1	1	16.8	54	2.7	175	16
19/11/24 10:45	1	1	2	1	16.7	55	3.4	182	14
19/11/24 10:50	1	1	2	2	16.6	56	3.0	175	15
19/11/24 10:55	1	2	3	2	16.7	55	3.2	177	16
19/11/24 11:00	5	8	12	2	16.7	54	4.3	188	10
19/11/24 11:05	15	12	27	2	15.9	56	4.8	192	6
19/11/24 11:10	4	4	7	2	16.1	57	3.8	186	12
19/11/24 11:15	8	9	17	2	16.3	57	3.6	186	12
19/11/24 11:20	3	2	5	2	16.8	54	3.1	178	15
19/11/24 11:25	1	2	4	1	16.6	55	4.9	195	6
19/11/24 11:30	3	6	8	1	16.0	56	4.5	189	10
19/11/24 11:35	6	6	12	2	15.8	57	4.2	192	7
19/11/24 11:40	8	9	16	2	15.9	58	4.0	189	12
19/11/24 11:45	4	4	8	2	16.1	57	4.3	192	13
19/11/24 11:50	5	8	13	2	15.8	57	4.8	193	3
19/11/24 11:55	6	7	13	2	15.6	58	4.1	193	6
19/11/24 12:00	7	4	11	1	16.0	57	4.1	194	8
19/11/24 12:05	9	7	17	2	16.0	56	3.0	185	11
19/11/24 12:10	5	6	11	2	16.7	55	3.8	190	9
19/11/24 12:15	3	6	9	2	16.2	55	4.2	193	8
19/11/24 12:20	4	3	7	2	15.9	56	3.8	187	14
19/11/24 12:25	2	2	3	1	17.0	53	2.5	176	16
19/11/24 12:30	4	1	5	1	17.5	53	2.8	181	15
19/11/24 12:35	5	13	18	2	16.9	52	4.4	195	4
19/11/24 12:40	8	6	14	1	16.3	56	3.7	183	16
19/11/24 12:45	2	3	5	1	17.0	56	3.8	185	12
19/11/24 12:50	7	9	16	1	17.0	55	3.6	186	12
19/11/24 12:55	7	7	14	1	17.1	56	3.3	184	12
19/11/24 13:00	6	7	13	2	17.1	56	4.0	188	11
19/11/24 13:05	8	5	14	2	16.8	56	4.2	189	10
19/11/24 13:10	9	6	15	2	16.8	56	4.3	185	12
19/11/24 13:15	13	11	24	2	16.7	55	4.7	188	9
19/11/24 13:20	8	6	14	2	16.3	58	5.3	191	7
19/11/24 13:25	4	5	9	2	16.1	59	5.9	194	3
19/11/24 13:30	8	7	15	2	16.0	60	5.5	191	6
19/11/24 13:35	8	6	14	2	16.4	60	5.0	190	9
19/11/24 13:40	6	8	14	2	16.7	59	4.9	191	6
19/11/24 13:45	5	4	9	2	16.4	60	5.0	190	11
19/11/24 13:50	6	8	14	2	16.9	58	4.7	187	10
19/11/24 13:55	7	6	13	2	16.8	58	6.1	189	7
19/11/24 14:00	3	4	8	2	16.5	62	6.1	192	6
19/11/24 14:05	7	7	13	2	16.7	60	5.7	193	8
19/11/24 14:10	9	10	18	2	16.5	61	5.7	191	8
19/11/24 14:15	3	2	5	2	16.5	62	6.9	193	5
19/11/24 14:20	10	10	20	2	16.4	62	6.2	191	7
19/11/24 14:25	8	10	18	2	16.5	61	6.0	191	7
19/11/24 14:30	12	8	20	2	16.5	61	6.5	191	6
19/11/24 14:35	11	8	19	2	16.7	60	5.0	187	9
19/11/24 14:40	13	11	24	2	17.1	59	4.8	184	8
19/11/24 14:45	12	13	25	2	17.6	58	4.4	187	10
19/11/24 14:50	10	8	18	2	17.0	59	6.4	189	7
19/11/24 14:55	16	12	28	2	16.8	60	6.5	190	5
19/11/24 15:00	11	9	19	2	16.6	62	6.3	190	8
19/11/24 15:05	17	9	27	2	16.7	63	5.3	188	8
19/11/24 15:10	11	7	18	2	17.1	60	4.9	187	9
19/11/24 15:15	11	9	20	2	17.3	59	5.5	187	8
19/11/24 15:20	8	5	13	2	16.9	61	6.7	191	6
19/11/24 15:25	15	10	25	2	16.8	60	5.6	188	10
19/11/24 15:30	18	13	31	2	16.9	61	6.3	189	8
19/11/24 15:35	6	6	12	2	17.0	63	5.3	187	10
19/11/24 15:40	8	7	15	2	17.1	59	5.8	183	10
19/11/24 15:45	6	6	12	2	17.1	60	4.9	182	10
19/11/24 15:50	6	5	11	2	17.2	58	5.0	187	9
19/11/24 15:55	11	9	20	2	17.2	59	5.1	184	11
19/11/24 16:00	6	6	12	2	17.4	59	5.2	184	13

Station Pier Ambient Air Quality Monitoring
November 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 (°)
19/11/24 16:05	9	8	16	2	17.4	60	4.7	183	12
19/11/24 16:10	3	3	6	2	17.6	57	4.7	185	10
19/11/24 16:15	7	9	16	2	17.4	57	5.4	183	10
19/11/24 16:20	5	6	11	2	17.4	59	5.1	182	10
19/11/24 16:25	6	10	16	2	17.4	58	4.7	184	9
19/11/24 16:30	9	7	16	2	17.5	58	5.6	186	7
19/11/24 16:35	9	5	14	2	17.5	59	4.6	183	10
19/11/24 16:40	4	5	8	2	17.6	58	5.1	183	9
19/11/24 16:45	3	5	7	2	17.7	58	4.3	183	11
19/11/24 16:50	4	5	9	2	17.7	57	5.3	182	10
19/11/24 16:55	2	2	4	2	17.6	58	4.9	180	11
19/11/24 17:00	2	3	5	2	17.6	57	5.0	182	10
19/11/24 17:05	2	4	7	2	17.5	58	4.8	178	14
19/11/24 17:10	1	2	3	2	17.4	58	5.2	178	11
19/11/24 17:15	3	1	4	2	17.4	59	4.8	184	10
19/11/24 17:20	3	2	5	2	17.6	59	5.1	181	11
19/11/24 17:25	1	2	3	2	17.5	58	4.6	180	12
19/11/24 17:30	2	4	6	2	17.4	59	4.5	180	13
19/11/24 17:35	2	4	6	2	17.6	59	4.6	179	11
19/11/24 17:40	2	3	5	2	17.5	57	5.5	183	9
19/11/24 17:45	2	3	5	2	17.3	59	4.1	177	12
19/11/24 17:50	1	2	3	2	17.1	57	5.0	178	10
19/11/24 17:55	1	1	2	2	17.1	59	4.6	179	14
19/11/24 18:00	1	1	2	2	17.1	57	4.7	179	12
19/11/24 18:05	1	1	2	2	17.1	58	4.1	177	14
19/11/24 18:10	0	1	2	2	17.1	57	4.6	180	13
19/11/24 18:15	0	1	2	2	17.2	58	3.8	179	14
19/11/24 18:20	0	1	2	2	17.2	58	3.8	171	18
19/11/24 18:25	0	1	1	2	17.2	58	3.5	171	16
19/11/24 18:30	0	1	1	2	17.1	58	4.3	179	14
19/11/24 18:35	0	1	2	2	16.7	58	4.6	177	11
19/11/24 18:40	0	1	2	2	16.6	59	4.7	179	11
19/11/24 18:45	0	1	2	2	16.4	60	4.2	180	13
19/11/24 18:50	0	2	2	2	16.5	61	4.4	178	14
19/11/24 18:55	0	1	2	2	16.4	60	4.7	180	11
19/11/24 19:00	0	9	9	2	16.2	62	4.2	181	12
19/11/24 19:05	1	12	13	2	16.2	63	4.7	177	12
19/11/24 19:10	1	8	9	2	16.0	63	4.6	183	12
19/11/24 19:15	1	4	5	2	16.0	65	4.1	176	12
19/11/24 19:20	1	2	3	2	15.8	63	4.6	180	13
19/11/24 19:25	1	2	3	2	15.8	65	4.0	176	14
19/11/24 19:30	0	2	3	2	15.8	67	3.8	175	15
19/11/24 19:35	0	2	2	2	15.9	66	3.2	161	21
19/11/24 19:40	0	2	2	2	15.8	65	2.9	166	25
19/11/24 19:45	0	1	2	2	15.7	63	3.5	152	24
19/11/24 19:50	0	1	1	2	15.6	64	3.5	145	25
19/11/24 19:55	0	1	1	2	15.5	63	3.9	152	21
19/11/24 20:00	0	1	1	2	15.4	63	3.1	151	24
19/11/24 20:05	0	1	1	2	15.4	64	3.3	148	26
19/11/24 20:10	0	1	1	2	15.4	65	3.0	154	26
19/11/24 20:15	0	1	1	2	15.4	65	3.0	155	23
19/11/24 20:20	0	1	1	2	15.3	65	3.3	164	20
19/11/24 20:25	0	1	0	2	15.3	65	2.5	160	19
19/11/24 20:30	0	1	1	2	15.3	64	3.5	142	20
19/11/24 20:35	0	1	1	2	15.3	66	3.0	167	20
19/11/24 20:40	0	1	1	2	15.3	64	2.7	152	27
19/11/24 20:45	0	1	1	2	15.3	65	3.3	141	24
19/11/24 20:50	0	1	1	2	15.1	64	3.6	142	20
19/11/24 20:55	0	1	1	2	15.0	65	3.5	117	20
19/11/24 21:00	0	1	1	2	14.9	64	3.2	113	19
19/11/24 21:05	0	1	1	2	15.0	65	3.7	123	21
19/11/24 21:10	0	1	1	2	14.8	66	3.2	134	30
19/11/24 21:15	0	1	1	2	15.1	65	2.4	158	23
19/11/24 21:20	0	1	1	2	14.9	64	3.3	131	17
19/11/24 21:25	0	1	1	2	15.0	66	2.3	156	28
19/11/24 21:30	0	1	1	2	15.1	66	3.5	133	16
19/11/24 21:35	0	1	1	2	15.0	66	2.9	147	21
19/11/24 21:40	0	1	1	2	15.1	66	3.3	126	21
19/11/24 21:45	0	1	1	2	14.9	65	4.2	130	15
19/11/24 21:50	0	1	1	2	14.9	66	3.3	135	28
19/11/24 21:55	0	1	1	2	14.9	66	4.5	133	16
19/11/24 22:00	0	1	1	2	14.8	65	5.1	136	11
19/11/24 22:05	0	1	1	2	14.9	66	3.1	157	20
19/11/24 22:10	0	0	1	2	14.9	66	4.0	137	21
19/11/24 22:15	0	0	0	2	15.0	66	2.6	159	27
19/11/24 22:20	0	1	1	2	15.1	67	3.0	159	22
19/11/24 22:25	0	1	1	2	15.1	67	3.2	172	17
19/11/24 22:30	0	0	1	2	15.1	66	3.0	172	20
19/11/24 22:35	0	0	1	2	15.2	64	3.0	163	18
19/11/24 22:40	0	0	1	2	15.1	66	2.8	152	28
19/11/24 22:45	0	0	1	2	14.9	65	3.1	150	21
19/11/24 22:50	0	0	1	2	14.9	65	2.8	163	20
19/11/24 22:55	0	0	1	2	15.0	65	2.8	170	17
19/11/24 23:00	0	0	1	2	15.0	66	3.1	174	14

Station Pier Ambient Air Quality Monitoring
November 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 (°)
19/11/24 23:05	0	0	0	2	15.0	64	2.6	167	19
19/11/24 23:10	0	0	0	2	15.0	65	3.5	178	14
19/11/24 23:15	0	0	0	2	14.9	65	3.1	151	23
19/11/24 23:20	0	0	0	2	15.0	66	3.1	161	21
19/11/24 23:25	0	0	0	2	14.9	64	3.1	170	20
19/11/24 23:30	0	0	0	1	14.9	63	2.3	167	23
19/11/24 23:35	0	0	0	2	14.8	63	3.7	136	19
19/11/24 23:40	0	0	0	2	14.7	65	3.5	146	26
19/11/24 23:45	0	0	0	2	14.8	63	4.2	182	11
19/11/24 23:50	0	0	0		14.8	64	3.1	175	15
19/11/24 23:55	0	0	0		15.0	66	3.0	155	25
20/11/24 00:00	0	0	1	2	15.0	64	3.6	174	16
20/11/24 00:05	0	0	1	2	14.8	63	2.6	160	19
20/11/24 00:10	0	0	1	2	14.9	64	2.7	173	22
20/11/24 00:15	0	0	0	2	14.7	62	3.3	163	19
20/11/24 00:20	0	0	0	2	14.7	64	2.6	135	25
20/11/24 00:25	0	0	0	1	14.7	65	3.7	131	16
20/11/24 00:30	0	0	0	1	14.7	64	3.9	128	18
20/11/24 00:35	0	0	1	1	14.8	66	2.7	148	25
20/11/24 00:40	0	0	1	1	14.8	65	3.2	133	19
20/11/24 00:45	0	0	1	2	14.7	64	3.0	128	22
20/11/24 00:50	0	0	1	1	14.6	65	4.6	126	15
20/11/24 00:55	0	0	1	1	14.4	63	4.8	128	9
20/11/24 01:00	0	0	1	1	14.4	63	3.6	124	18
20/11/24 01:05					14.4	64	3.5	114	17
20/11/24 01:10					14.4	64	3.9	113	13
20/11/24 01:15					14.4	62	3.4	116	18
20/11/24 01:20					14.4	65	3.5	123	16
20/11/24 01:25					14.4	63	3.4	124	15
20/11/24 01:30					14.3	64	3.6	107	16
20/11/24 01:35					14.4	64	4.2	96	5
20/11/24 01:40					14.4	64	3.9	100	12
20/11/24 01:45					14.3	63	3.3	110	15
20/11/24 01:50					14.3	65	2.8	107	17
20/11/24 01:55					14.4	66	3.2	103	13
20/11/24 02:00					14.4	65	4.1	98	9
20/11/24 02:05	0	1	1	1	14.3	66	4.3	96	7
20/11/24 02:10	0	1	1	1	14.4	67	3.6	102	11
20/11/24 02:15	0	1	1	1	14.4	66	3.9	104	13
20/11/24 02:20	0	1	1	1	14.5	65	3.5	107	12
20/11/24 02:25	0	1	1	1	14.4	65	4.0	106	11
20/11/24 02:30	0	1	1	1	14.4	66	3.8	102	10
20/11/24 02:35	0	1	1	1	14.4	66	3.9	106	14
20/11/24 02:40	0	1	1	1	14.3	67	4.1	101	8
20/11/24 02:45	0	1	1	1	14.3	66	3.5	108	15
20/11/24 02:50	0	1	1	1	14.3	67	3.2	101	10
20/11/24 02:55	0	1	1	1	14.3	65	3.3	94	11
20/11/24 03:00	0	1	1	1	14.2	65	2.7	107	15
20/11/24 03:05	0	1	1	1	14.3	66	3.0	106	13
20/11/24 03:10	0	1	1	1	14.3	65	3.3	98	7
20/11/24 03:15	0	1	1	2	14.2	65	2.5	108	16
20/11/24 03:20	0	1	1	2	14.3	67	2.4	119	20
20/11/24 03:25	0	1	1	1	14.4	67	2.3	111	19
20/11/24 03:30	0	1	1	1	14.5	66	2.9	156	24
20/11/24 03:35	0	1	1	1	14.5	65	3.2	168	17
20/11/24 03:40	0	1	1	1	14.6	66	3.3	176	15
20/11/24 03:45	0	1	1	1	14.6	66	2.8	162	21
20/11/24 03:50	0	1	1	1	14.8	67	2.9	160	20
20/11/24 03:55	0	1	1	1	14.7	67	3.1	156	23
20/11/24 04:00	0	0	0	1	14.6	67	3.1	168	16
20/11/24 04:05	0	0	0	1	14.6	66	3.2	158	24
20/11/24 04:10	0	0	0	2	14.7	66	2.9	168	17
20/11/24 04:15	0	0	0	1	14.6	65	2.7	167	22
20/11/24 04:20	0	0	0	1	14.6	66	3.0	171	20
20/11/24 04:25	0	0	1	1	14.5	64	3.0	159	23
20/11/24 04:30	0	1	1	2	14.4	65	2.5	165	25
20/11/24 04:35	0	0	1	1	14.5	65	2.9	158	20
20/11/24 04:40	0	1	1	1	14.5	65	2.6	171	18
20/11/24 04:45	0	1	1	1	14.5	65	2.6	143	22
20/11/24 04:50	0	1	1	1	14.5	66	2.4	173	15
20/11/24 04:55	0	1	1	1	14.6	65	2.3	177	19
20/11/24 05:00	0	1	1	1	14.6	66	2.6	159	20
20/11/24 05:05	0	1	2	1	14.6	66	2.3	137	22
20/11/24 05:10	0	1	1	1	14.5	66	3.3	108	14
20/11/24 05:15	0	1	1	1	14.4	65	4.0	126	15
20/11/24 05:20				2	14.4	66	3.8	141	20
20/11/24 05:25	1	2	3	2	14.5	67	2.9	160	22
20/11/24 05:30	2	3	6	2	14.5	66	3.5	146	23
20/11/24 05:35	1	0	1	1	14.4	65	3.1	115	18
20/11/24 05:40	0	1	1	1	14.3	66	3.7	100	8
20/11/24 05:45	0	1	2	1	14.4	66	3.1	104	12
20/11/24 05:50	0	2	2	2	14.4	66	3.5	100	8
20/11/24 05:55	0	2	3	1	14.4	66	2.9	116	19
20/11/24 06:00	1	2	3	1	14.3	65	3.7	127	13

Station Pier Ambient Air Quality Monitoring
November 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 (°)
20/11/24 06:05	1	2	3	1	14.4	66	3.5	135	15
20/11/24 06:10	1	2	3	1	14.3	65	2.7	119	19
20/11/24 06:15	1	2	3	2	14.3	66	4.1	105	10
20/11/24 06:20	1	2	3	1	14.4	65	4.8	102	7
20/11/24 06:25	1	2	3	2	14.2	65	3.7	104	10
20/11/24 06:30	1	3	4	1	14.4	65	4.5	99	7
20/11/24 06:35	1	3	4	1	14.3	66	2.3	132	35
20/11/24 06:40	0	2	3	1	14.5	67	2.7	124	29
20/11/24 06:45	1	2	3	1	14.5	64	3.5	127	19
20/11/24 06:50	1	2	3	1	14.3	65	2.6	128	26
20/11/24 06:55	1	1	3	1	14.3	65	3.4	126	16
20/11/24 07:00	28	13	41	2	14.3	65	3.4	120	15
20/11/24 07:05	42	13	55	2	14.5	64	3.5	114	14
20/11/24 07:10	2	6	9	2	14.4	64	3.0	117	19
20/11/24 07:15	8	10	18	2	14.6	64	2.3	157	23
20/11/24 07:20	1	1	2	1	14.8	65	2.7	169	20
20/11/24 07:25	1	2	3	1	15.1	64	2.4	162	23
20/11/24 07:30	3	8	11	1	15.0	63	3.5	144	20
20/11/24 07:35	1	2	3	1	14.7	62	3.7	130	14
20/11/24 07:40	0	1	1	1	14.6	62	3.6	135	13
20/11/24 07:45	0	1	1	1	14.5	63	2.9	110	15
20/11/24 07:50	0	1	1	1	14.6	63	2.5	121	18
20/11/24 07:55	1	1	2	1	14.8	64	2.4	116	16
20/11/24 08:00	1	2	3	1	15.0	62	2.5	118	20
20/11/24 08:05	1	2	2	1	14.9	62	2.9	123	16
20/11/24 08:10	1	2	2	1	14.8	61	2.6	129	23
20/11/24 08:15	1	1	2	1	14.9	62	2.8	108	14
20/11/24 08:20	1	2	2	1	15.1	62	3.2	115	16
20/11/24 08:25	1	2	2	1	15.2	63	2.1	152	24
20/11/24 08:30	1	2	2	1	15.6	62	1.8	138	31
20/11/24 08:35	1	2	2	2	15.4	61	2.2	137	23
20/11/24 08:40	1	2	3	1	15.6	63	1.9	169	20
20/11/24 08:45	1	2	4	1	16.1	62	2.1	165	20
20/11/24 08:50	1	3	4	1	16.0	61	2.2	160	24
20/11/24 08:55	1	2	3	1	16.0	60	2.2	162	29
20/11/24 09:00	2	7	9	1	16.2	62	2.6	174	18
20/11/24 09:05	3	3	6	1	16.2	60	2.9	181	14
20/11/24 09:10	1	2	3	1	16.5	61	2.1	180	20
20/11/24 09:15	2	3	4	1	16.6	61	2.5	179	16
20/11/24 09:20	1	1	3	1	16.6	60	2.9	185	12
20/11/24 09:25	1	1	2	1	16.2	62	3.2	189	10
20/11/24 09:30	1	1	2	1	15.8	63	3.1	192	9
20/11/24 09:35	1	2	3	1	16.2	63	2.4	177	18
20/11/24 09:40	1	2	3	1	16.7	61	2.6	178	17
20/11/24 09:45	1	2	3	1	16.6	60	3.4	186	11
20/11/24 09:50	2	2	4	1	16.2	63	3.3	185	11
20/11/24 09:55	2	3	5	1	16.2	62	3.9	189	8
20/11/24 10:00	2	2	3	1	16.0	64	4.1	190	8
20/11/24 10:05	1	2	3	1	15.9	65	4.1	190	8
20/11/24 10:10	1	2	3	1	16.1	65	3.9	184	8
20/11/24 10:15	3	0	4	1	16.2	64	4.3	190	9
20/11/24 10:20	1	2	3	1	15.8	65	4.8	191	8
20/11/24 10:25	1	3	4	2	15.8	64	4.5	189	7
20/11/24 10:30	1	2	3	1	16.0	64	4.0	189	9
20/11/24 10:35	1	2	3	1	16.0	65	4.7	192	6
20/11/24 10:40	1	2	3	2	16.0	64	4.4	191	7
20/11/24 10:45	1	2	3	2	16.1	63	4.2	186	10
20/11/24 10:50	1	2	3	1	16.1	63	4.1	192	9
20/11/24 10:55	6	3	9	1	16.1	64	4.2	189	9
20/11/24 11:00	1	3	5	2	16.2	64	4.4	194	7
20/11/24 11:05	1	1	2	2	15.8	64	4.8	196	6
20/11/24 11:10	1	1	2	1	15.6	65	4.8	199	4
20/11/24 11:15	0	1	2	1	15.7	67	5.2	197	5
20/11/24 11:20	1	1	2	1	15.7	66	5.0	195	7
20/11/24 11:25	1	2	3	1	16.1	64	4.9	191	7
20/11/24 11:30	1	1	2	1	15.8	65	5.2	199	5
20/11/24 11:35	1	1	1	1	15.9	65	5.2	198	5
20/11/24 11:40	1	1	2	1	15.8	66	4.9	197	7
20/11/24 11:45	1	1	2	1	16.0	65	5.4	198	4
20/11/24 11:50	0	1	2	1	15.8	66	5.4	200	4
20/11/24 11:55	0	1	2	1	15.8	67	5.5	201	5
20/11/24 12:00	0	1	2	1	15.7	67	5.5	202	5
20/11/24 12:05	0	1	2	1	15.8	68	5.8	201	5
20/11/24 12:10	0	1	1	1	15.9	67	5.6	201	5
20/11/24 12:15	0	1	1	1	15.8	66	5.4	200	4
20/11/24 12:20	0	1	1	1	15.9	67	4.9	202	5
20/11/24 12:25	0	1	1	1	15.9	67	4.9	200	5
20/11/24 12:30	0	1	1	1	16.1	68	5.3	200	4
20/11/24 12:35	0	1	1	1	16.1	67	4.9	204	5
20/11/24 12:40	1	1	2	2	16.2	68	5.1	200	5
20/11/24 12:45	1	1	2	2	16.3	68	5.0	200	6
20/11/24 12:50	0	1	2	2	16.3	66	4.9	203	5
20/11/24 12:55	0	1	2	2	16.3	68	4.5	198	7
20/11/24 13:00	0	1	1	2	16.2	68	5.7	200	5

Station Pier Ambient Air Quality Monitoring
November 2024
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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 (°)
20/11/24 13:05	0	1	1	1	16.2	70	5.3	199	6
20/11/24 13:10	1	2	2	1	16.3	70	6.0	200	4
20/11/24 13:15	1	1	2	1	16.3	71	6.1	200	5
20/11/24 13:20	0	1	2	1	16.4	70	6.1	198	5
20/11/24 13:25	1	1	2	2	16.5	69	6.1	197	5
20/11/24 13:30	0	1	2	2	16.4	68	6.8	198	5
20/11/24 13:35	0	1	2	1	16.6	71	6.6	200	4
20/11/24 13:40	1	1	2	1	16.6	71	7.4	200	5
20/11/24 13:45	1	6	7	2	16.6	71	7.2	197	4
20/11/24 13:50	3	9	11	2	16.7	70	6.5	193	8
20/11/24 13:55	1	3	4	2	16.6	71	7.5	198	5
20/11/24 14:00	0	2	2	2	16.6	71	6.8	196	7
20/11/24 14:05	2	7	9	2	16.7	70	6.7	194	7
20/11/24 14:10	2	3	5	2	16.6	71	6.8	196	6
20/11/24 14:15	4	2	7	2	16.6	71	6.9	196	7
20/11/24 14:20	2	2	4	2	16.7	70	7.1	195	6
20/11/24 14:25	1	2	3	2	16.6	72	6.9	195	7
20/11/24 14:30	3	2	4	1	16.7	70	7.4	195	7
20/11/24 14:35	2	3	5	1	16.8	71	6.7	191	8
20/11/24 14:40	5	2	7	1	16.8	69	6.6	193	7
20/11/24 14:45	4	2	5	1	16.8	70	6.9	195	7
20/11/24 14:50	7	7	14	1	16.9	69	6.4	188	8
20/11/24 14:55	9	8	16	1	16.8	70	6.7	192	7
20/11/24 15:00	6	8	14	1	16.7	70	7.0	192	7
20/11/24 15:05	6	4	10	1	16.7	70	6.9	190	9
20/11/24 15:10	6	5	10	1	16.7	72	7.5	193	6
20/11/24 15:15	7	4	12	1	16.6	70	6.6	191	9
20/11/24 15:20	5	3	8	1	16.6	71	6.5	191	8
20/11/24 15:25	5	4	10	1	16.6	70	7.4	196	6
20/11/24 15:30	5	4	9	1	16.7	72	6.7	191	7
20/11/24 15:35	4	2	7	1	16.7	70	6.6	194	8
20/11/24 15:40	3	2	5	1	16.8	71	7.2	194	7
20/11/24 15:45	2	2	5	1	16.8	72	6.7	194	6
20/11/24 15:50				1	17.0	70	6.0	188	8
20/11/24 15:55	12	11	23	1	17.1	68	6.6	191	6
20/11/24 16:00	6	2	8	1	17.0	71	5.8	190	7
20/11/24 16:05	2	3	5	1	17.5	70	5.1	189	9
20/11/24 16:10	15	7	21	1	17.6	69	5.8	189	7
20/11/24 16:15	82	26	108	1	17.2	67	6.0	189	9
20/11/24 16:20	49	11	59	1	17.3	65	5.3	183	9
20/11/24 16:25	103	20	122	1	17.4	66	4.6	180	13
20/11/24 16:30	21	15	37	1	17.7	67	4.2	182	14
20/11/24 16:35	4	4	8	1	17.4	66	4.8	185	10
20/11/24 16:40	1	3	4	1	17.3	67	4.9	182	10
20/11/24 16:45	1	2	3	1	17.0	67	5.1	184	9
20/11/24 16:50	0	1	2	1	16.8	68	4.9	185	8
20/11/24 16:55	0	1	2	1	16.7	69	4.9	186	9
20/11/24 17:00	0	2	2	1	16.9	70	5.7	189	7
20/11/24 17:05	0	1	2	1	16.8	71	6.2	191	6
20/11/24 17:10	0	1	2	1	16.8	70	5.7	190	8
20/11/24 17:15	0	1	1	1	17.0	71	6.0	189	7
20/11/24 17:20	0	1	1	1	16.9	72	7.5	192	4
20/11/24 17:25	0	1	1	1	16.9	74	7.2	192	6
20/11/24 17:30	0	1	1	0	16.8	74	7.7	194	5
20/11/24 17:35	0	1	1	0	16.8	74	7.5	194	4
20/11/24 17:40	0	1	1	0	17.1	73	6.9	192	6
20/11/24 17:45	0	1	1	0	16.8	72	6.6	188	7
20/11/24 17:50	0	1	1	1	16.8	74	7.1	192	6
20/11/24 17:55	0	1	1	0	16.8	74	7.1	193	5
20/11/24 18:00	0	1	1	0	16.7	74	7.1	192	5
20/11/24 18:05	0	1	2	1	16.8	75	7.1	192	5
20/11/24 18:10	0	2	2	0	16.7	75	7.8	195	5
20/11/24 18:15	1	2	3	1	16.8	76	7.7	194	6
20/11/24 18:20	1	2	3	1	16.8	76	8.1	195	4
20/11/24 18:25	1	2	3	1	16.8	76	7.6	194	4
20/11/24 18:30	1	2	2	0	16.8	76	7.8	195	5
20/11/24 18:35	1	2	2	0	16.9	77	6.9	194	7
20/11/24 18:40	1	2	2	1	17.0	73	4.1	182	11
20/11/24 18:45	1	2	2	0	17.1	70	3.6	174	14
20/11/24 18:50	0	1	2	0	17.1	70	3.8	176	14
20/11/24 18:55	0	1	2	0	17.0	71	3.8	168	17
20/11/24 19:00	0	1	2	0	17.0	72	3.1	162	24
20/11/24 19:05	0	1	2	0	17.1	73	3.2	171	21
20/11/24 19:10	0	1	1	1	16.9	73	3.2	171	17
20/11/24 19:15	0	1	1	1	16.8	74	3.3	175	16
20/11/24 19:20	0	1	1	0	16.6	74	3.5	175	16
20/11/24 19:25	0	1	1	0	16.6	74	3.6	175	15
20/11/24 19:30	0	1	1	0	16.5	74	2.6	165	19
20/11/24 19:35	0	1	1	0	16.5	74	3.0	176	17
20/11/24 19:40	0	1	1	0	16.6	74	3.3	167	14
20/11/24 19:45	0	1	1	1	16.5	74	2.9	180	17
20/11/24 19:50	0	1	1	1	16.4	73	3.8	181	10
20/11/24 19:55	0	1	1	1	16.4	74	3.9	183	10
20/11/24 20:00	0	1	1	0	16.3	74	4.0	187	8

Station Pier Ambient Air Quality Monitoring
November 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 (°)
20/11/24 20:05	0	2	2	0	16.3	73	4.1	178	9
20/11/24 20:10	0	2	2	0	16.3	75	4.0	183	9
20/11/24 20:15	0	2	2	0	16.2	74	4.0	181	11
20/11/24 20:20	0	3	3	1	16.3	75	2.8	157	25
20/11/24 20:25	0	4	4	0	16.3	76	2.2	158	29
20/11/24 20:30	0	3	4	0	16.2	75	3.0	149	20
20/11/24 20:35	0	3	3	0	16.2	76	2.8	160	25
20/11/24 20:40	0	2	2	1	16.2	76	3.0	161	20
20/11/24 20:45	0	2	2	1	16.1	75	2.9	167	20
20/11/24 20:50	0	1	1	1	16.2	76	2.6	162	21
20/11/24 20:55	0	1	1	1	16.2	75	2.5	159	21
20/11/24 21:00	0	1	1	0	16.2	75	2.2	159	20
20/11/24 21:05	0	1	1	0	16.2	75	2.2	155	24
20/11/24 21:10	0	1	1	0	16.1	76	2.4	170	20
20/11/24 21:15	0	1	1	0	16.1	76	2.6	163	20
20/11/24 21:20	0	1	1	0	16.1	76	2.3	152	24
20/11/24 21:25	0	1	1	0	16.0	76	2.2	162	24
20/11/24 21:30	0	1	1	0	16.0	76	2.4	154	24
20/11/24 21:35	0	1	1	0	15.9	76	2.3	148	24
20/11/24 21:40	0	1	1	0	15.8	76	2.1	160	23
20/11/24 21:45	0	1	1	0	15.8	77	2.1	162	25
20/11/24 21:50	0	1	1	0	15.8	77	3.2	140	21
20/11/24 21:55	0	1	1	0	15.8	78	1.9	162	26
20/11/24 22:00	0	1	1	0	15.9	77	2.0	151	24
20/11/24 22:05	0	1	1	0	15.8	77	2.0	151	24
20/11/24 22:10	0	1	1	0	15.9	78	1.6	161	27
20/11/24 22:15	0	1	1	0	15.9	77	1.8	153	31
20/11/24 22:20	0	1	1	1	15.8	77	1.8	163	27
20/11/24 22:25	0	1	1	1	15.8	78	2.1	165	24
20/11/24 22:30	0	1	1	1	15.8	79	2.4	181	12
20/11/24 22:35	0	1	1	1	15.8	79	1.9	167	21
20/11/24 22:40	0	1	1	1	15.9	80	2.0	174	16
20/11/24 22:45	0	1	1	1	15.7	79	2.7	179	10
20/11/24 22:50	0	1	1	1	15.7	80	2.0	178	16
20/11/24 22:55	0	1	1	1	15.8	80	1.8	171	24
20/11/24 23:00	0	1	1	1	15.7	80	1.9	165	25
20/11/24 23:05	0	1	1	1	15.8	79	2.2	175	14
20/11/24 23:10	0	1	1	1	15.7	79	1.6	165	21
20/11/24 23:15	0	1	1	0	15.8	80	1.9	194	10
20/11/24 23:20	0	1	1	0	15.8	79	1.8	177	12
20/11/24 23:25	0	1	1	0	15.7	80	1.8	184	11
20/11/24 23:30	0	1	1	0	15.7	79	1.7	187	10
20/11/24 23:35	0	1	1	0	15.7	79	1.6	192	19
20/11/24 23:40	0	1	1	0	15.9	80	1.0	175	30
20/11/24 23:45	0	2	2	0	15.9	80	1.2	185	21
20/11/24 23:50	0	2	2		15.8	79	1.4	182	15
20/11/24 23:55	0	2	2		15.7	79	1.4	144	24
21/11/24 00:00	0	2	2	1	15.7	79	1.5	155	19
21/11/24 00:05	0	2	2	1	15.6	79	1.1	147	23
21/11/24 00:10	0	2	2	1	15.5	79	1.0	135	29
21/11/24 00:15	0	2	2	1	15.4	79	0.9	36	33
21/11/24 00:20	0	3	3	1	15.1	79	1.0	357	24
21/11/24 00:25	0	5	5	2	15.0	82	1.5	289	16
21/11/24 00:30	1	20	21	1	14.9	82	1.6	290	16
21/11/24 00:35	2	23	25	1	14.6	82	1.8	291	15
21/11/24 00:40	6	21	27	1	14.5	81	2.1	290	11
21/11/24 00:45	11	18	29	1	14.2	81	2.0	289	12
21/11/24 00:50	10	20	29	1	14.1	81	2.4	287	10
21/11/24 00:55	10	19	29	1	13.9	81	2.3	288	10
21/11/24 01:00	10	19	30	2	13.8	82	2.2	283	10
21/11/24 01:05					13.8	81	2.1	286	13
21/11/24 01:10					13.8	81	1.2	343	24
21/11/24 01:15					13.5	81	1.2	334	22
21/11/24 01:20					13.4	81	1.5	302	19
21/11/24 01:25					13.4	82	2.0	300	12
21/11/24 01:30					13.3	82	2.1	306	10
21/11/24 01:35					13.4	82	1.4	302	15
21/11/24 01:40					13.4	83	1.7	303	16
21/11/24 01:45					13.2	83	2.1	307	12
21/11/24 01:50					13.2	83	2.3	302	13
21/11/24 01:55					13.1	83	2.6	300	9
21/11/24 02:00					13.1	83	2.4	302	11
21/11/24 02:05	10	20	29	2	13.0	83	2.1	301	11
21/11/24 02:10	9	20	29	2	13.1	83	1.9	298	12
21/11/24 02:15	9	19	28	1	13.0	84	1.7	302	19
21/11/24 02:20	9	19	28	1	13.0	84	1.8	303	13
21/11/24 02:25	8	19	27	1	12.9	83	1.8	307	14
21/11/24 02:30	7	19	26	1	12.8	84	2.3	298	11
21/11/24 02:35	6	19	24	1	12.8	84	2.0	293	12
21/11/24 02:40	5	19	23	1	12.9	84	2.0	286	13
21/11/24 02:45	4	18	23	1	12.8	84	2.2	284	13
21/11/24 02:50	4	18	22	2	12.9	84	2.5	285	11
21/11/24 02:55	4	18	22	2	12.9	84	2.1	285	14
21/11/24 03:00	4	18	22	2	12.9	84	1.8	283	18

Station Pier Ambient Air Quality Monitoring
November 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 (°)
21/11/24 03:05	4	17	22	1	12.8	83	2.1	295	13
21/11/24 03:10	4	17	21	2	12.7	84	1.2	314	27
21/11/24 03:15	4	17	22	2	12.6	84	1.4	313	17
21/11/24 03:20	4	17	22	2	12.5	84	1.3	313	16
21/11/24 03:25	4	17	21	2	12.6	84	1.4	305	18
21/11/24 03:30	4	17	21	2	12.6	84	1.6	314	19
21/11/24 03:35	4	17	21	2	12.5	84	1.9	302	14
21/11/24 03:40	4	17	21	2	12.5	84	1.6	309	17
21/11/24 03:45	4	17	21	2	12.5	84	2.3	302	13
21/11/24 03:50	4	17	21	2	12.5	84	2.3	299	14
21/11/24 03:55	4	17	21	2	12.5	84	1.9	303	14
21/11/24 04:00	4	17	22	2	12.5	84	1.2	320	20
21/11/24 04:05	4	18	22	2	12.5	85	1.3	323	19
21/11/24 04:10	4	18	22	2	12.4	85	1.3	318	25
21/11/24 04:15	4	18	22	2	12.4	85	1.2	329	19
21/11/24 04:20	4	18	22	2	12.5	85	1.0	322	25
21/11/24 04:25	4	18	22	2	12.4	86	1.0	318	22
21/11/24 04:30	5	18	23	2	12.5	86	1.2	322	19
21/11/24 04:35	7	18	25	2	12.4	86	1.2	325	22
21/11/24 04:40	15	17	32	2	12.4	85	1.4	353	17
21/11/24 04:45	36	21	57	2	12.4	85	1.3	350	20
21/11/24 04:50	40	19	59	2	12.4	85	1.8	349	16
21/11/24 04:55	42	19	61	2	12.4	85	1.8	349	14
21/11/24 05:00	42	19	61	2	12.3	85	1.6	347	16
21/11/24 05:05	40	19	59	2	12.4	84	1.5	346	20
21/11/24 05:10	40	19	59	2	12.4	84	1.6	1	10
21/11/24 05:15	40	19	60	2	12.5	84	1.4	360	17
21/11/24 05:20	40	19	60	2	12.5	83	1.5	351	26
21/11/24 05:25	38	20	58	2	12.6	83	1.5	357	8
21/11/24 05:30	35	20	55	2	12.7	83	1.3	1	15
21/11/24 05:35	23	22	45	2	12.8	83	1.4	357	14
21/11/24 05:40	21	18	39	2	12.8	83	1.4	357	16
21/11/24 05:45	24	18	42	2	13.0	83	1.2	356	15
21/11/24 05:50	30	19	48	2	13.2	82	1.4	352	18
21/11/24 05:55	31	19	50	2	13.3	82	0.5	343	39
21/11/24 06:00	34	21	54	2	13.4	81	1.2	354	18
21/11/24 06:05	41	19	60	2	13.7	81	0.8	335	28
21/11/24 06:10	42	19	62	3	13.7	81	1.1	332	25
21/11/24 06:15	42	20	62	2	13.9	81	0.6	345	51
21/11/24 06:20	44	20	64	2	14.2	81	0.6	325	36
21/11/24 06:25	52	20	72	2	14.2	81	1.0	307	20
21/11/24 06:30	24	19	43	2	14.4	83	1.1	294	22
21/11/24 06:35	14	20	33	3	14.5	83	1.3	329	31
21/11/24 06:40	7	13	20	2	14.5	83	1.2	313	35
21/11/24 06:45	5	12	18	2	14.4	84	2.4	297	16
21/11/24 06:50	5	12	17	2	14.2	84	2.4	305	27
21/11/24 06:55	6	13	19	2	14.2	84	1.8	309	32
21/11/24 07:00	7	13	20	2	14.4	84	1.6	301	24
21/11/24 07:05	9	15	23	2	14.7	83	1.5	336	32
21/11/24 07:10	9	14	23	2	14.8	81	2.0	360	20
21/11/24 07:15	9	12	21	2	15.0	81	1.4	304	28
21/11/24 07:20	9	11	21	2	15.2	80	1.8	295	22
21/11/24 07:25	9	11	21	2	15.2	80	1.5	318	32
21/11/24 07:30	9	11	20	2	15.5	79	1.7	310	35
21/11/24 07:35	9	10	19	2	15.3	79	1.9	305	30
21/11/24 07:40	8	10	18	2	15.1	80	1.8	291	19
21/11/24 07:45	8	10	18	2	15.2	80	2.0	293	23
21/11/24 07:50	10	11	20	2	15.2	80	2.1	301	16
21/11/24 07:55	10	12	22	2	15.3	80	2.9	292	15
21/11/24 08:00	11	12	23	2	15.4	79	1.4	290	20
21/11/24 08:05	11	12	23	2	15.8	78	1.6	289	26
21/11/24 08:10	11	12	23	2	15.9	77	1.3	313	33
21/11/24 08:15	11	12	23	2	16.3	75	0.5	342	64
21/11/24 08:20	12	12	25	2	16.6	73	0.7	17	64
21/11/24 08:25	13	13	26	2	17.0	72	1.1	3	46
21/11/24 08:30	14	13	26	2	17.1	71	1.2	25	36
21/11/24 08:35	14	13	27	2	17.2	70	1.2	352	29
21/11/24 08:40	15	14	28	2	17.6	69	1.6	30	35
21/11/24 08:45	15	14	29	2	17.8	69	0.7	332	59
21/11/24 08:50	16	14	30	2	17.7	69	0.9	302	27
21/11/24 08:55	16	14	30	2	18.1	67	1.5	35	22
21/11/24 09:00	16	14	30	2	18.7	65	0.8	40	50
21/11/24 09:05	16	14	30	2	19.0	64	0.5	351	69
21/11/24 09:10	16	14	30	2	19.3	63	0.9	25	37
21/11/24 09:15	15	15	30	2	19.3	63	0.6	344	61
21/11/24 09:20	16	15	31	2	19.7	63	1.7	104	45
21/11/24 09:25	15	15	30	2	19.5	65	1.9	154	19
21/11/24 09:30	15	15	30	2	19.7	65	2.1	168	15
21/11/24 09:35	15	14	29	2	19.6	65	2.0	156	15
21/11/24 09:40	15	14	29	2	19.8	65	2.0	170	20
21/11/24 09:45	14	14	29	2	19.5	67	1.7	182	22
21/11/24 09:50	14	14	28	2	19.5	67	1.8	179	18
21/11/24 09:55	14	14	28	2	20.2	65	1.5	177	23
21/11/24 10:00	13	14	28	2	20.5	64	1.5	165	23

Station Pier Ambient Air Quality Monitoring
November 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 (°)
21/11/24 10:05	13	14	28	2	20.6	62	1.7	151	15
21/11/24 10:10	13	15	27	2	21.0	62	1.7	151	19
21/11/24 10:15	12	14	27	2	21.0	62	1.7	148	25
21/11/24 10:20	12	14	26	2	21.0	62	1.6	156	23
21/11/24 10:25	12	14	26	2	21.1	62	1.8	153	18
21/11/24 10:30	11	14	25	2	21.3	62	1.6	163	21
21/11/24 10:35	11	14	24	2	21.3	63	1.7	175	22
21/11/24 10:40	10	14	24	2	21.4	63	1.7	170	23
21/11/24 10:45	10	14	23	2	21.6	60	1.8	153	21
21/11/24 10:50	9	14	24	2	21.8	60	2.2	161	17
21/11/24 10:55	9	14	23	2	21.9	62	2.0	149	22
21/11/24 11:00	9	14	23	2	21.6	62	2.0	153	23
21/11/24 11:05	9	14	23	2	21.4	63	1.3	161	41
21/11/24 11:10	9	13	22	2	21.2	64	1.6	160	35
21/11/24 11:15	9	13	21	2	21.0	65	1.8	154	31
21/11/24 11:20	8	13	21	2	20.8	67	1.7	159	34
21/11/24 11:25	8	12	20	2	20.7	67	2.2	155	26
21/11/24 11:30	8	12	20	2	20.6	68	2.3	161	28
21/11/24 11:35	8	12	20	2	20.6	69	2.3	155	28
21/11/24 11:40	8	12	19	2	20.7	68	2.6	156	22
21/11/24 11:45	7	11	19	2	20.7	69	2.7	147	21
21/11/24 11:50	7	11	18	2	20.7	70	2.7	158	20
21/11/24 11:55	7	11	18	2	21.1	70	2.7	160	21
21/11/24 12:00	7	11	18	2	21.2	70	2.3	172	21
21/11/24 12:05	7	11	18	2	21.5	69	2.7	162	15
21/11/24 12:10	7	11	18	1	21.6	68	2.4	162	19
21/11/24 12:15	7	11	18	1	21.6	67	2.5	173	18
21/11/24 12:20	7	11	18	2	21.8	67	2.5	178	15
21/11/24 12:25	7	11	18	2	21.7	67	2.3	181	19
21/11/24 12:30	6	11	18	2	22.0	67	2.3	180	19
21/11/24 12:35	6	11	18	2	21.7	68	3.1	187	14
21/11/24 12:40	6	11	17	2	20.9	70	3.9	195	5
21/11/24 12:45	7	12	19	2	20.5	74	4.3	198	4
21/11/24 12:50	8	18	27	2	20.1	76	4.6	196	3
21/11/24 12:55	10	18	28	2	20.1	77	4.8	198	5
21/11/24 13:00	9	14	22	2	20.2	78	4.9	199	4
21/11/24 13:05	8	12	20	2	20.2	78	3.9	192	7
21/11/24 13:10	8	12	20	2	20.5	77	3.0	190	12
21/11/24 13:15	8	14	22	2	21.2	73	2.6	170	18
21/11/24 13:20	30	39	69	2	22.0	69	2.3	179	15
21/11/24 13:25	29	28	57	3	22.5	67	2.4	168	18
21/11/24 13:30	25	28	53	3	22.6	67	2.2	177	19
21/11/24 13:35	22	26	48	3	22.7	67	2.7	172	18
21/11/24 13:40	22	27	49	3	22.7	67	2.8	189	14
21/11/24 13:45	15	20	35	3	21.5	71	3.9	197	5
21/11/24 13:50	7	14	21	3	20.9	74	3.6	196	6
21/11/24 13:55	6	17	23	3	20.8	75	3.7	193	4
21/11/24 14:00	5	9	14	3	20.9	75	3.4	194	6
21/11/24 14:05	4	9	13	2	21.3	73	2.1	168	14
21/11/24 14:10	3	10	12	2	22.2	71	2.0	179	13
21/11/24 14:15	2	9	12	2	22.4	70	2.3	186	14
21/11/24 14:20	2	9	12	2	22.3	70	2.2	180	16
21/11/24 14:25	2	9	11	2	22.8	69	1.7	176	18
21/11/24 14:30	2	9	11	2	22.9	69	2.0	183	15
21/11/24 14:35	2	9	11	2	22.8	69	2.6	186	9
21/11/24 14:40	2	8	10	2	23.0	69	1.7	177	17
21/11/24 14:45	2	8	10	2	23.5	66	1.9	163	15
21/11/24 14:50	2	8	10	2	23.7	66	1.8	170	20
21/11/24 14:55	3	11	15	2	23.7	64	2.3	166	14
21/11/24 15:00	3	12	14	2	23.7	65	2.6	186	14
21/11/24 15:05	2	9	11	2	22.1	70	3.8	193	4
21/11/24 15:10	2	5	7	2	21.5	73	3.9	192	4
21/11/24 15:15	1	5	7	2	21.4	74	3.6	192	4
21/11/24 15:20	1	6	7	2	21.8	74	3.0	193	7
21/11/24 15:25	1	5	6	2	21.5	74	3.6	195	4
21/11/24 15:30	1	4	5	2	21.2	76	4.1	191	4
21/11/24 15:35	1	4	5	2	21.2	77	3.5	193	3
21/11/24 15:40	1	3	4	2	21.5	77	3.5	193	6
21/11/24 15:45	1	3	4	2	21.4	76	3.6	195	4
21/11/24 15:50	1	4	4	2	21.5	76	2.2	183	17
21/11/24 15:55	1	4	5	2	22.2	73	1.7	159	18
21/11/24 16:00	1	11	12	2	22.9	69	2.1	162	18
21/11/24 16:05	2	5	6	2	23.3	68	2.2	161	15
21/11/24 16:10	1	3	4	2	23.1	69	1.4	148	25
21/11/24 16:15	1	3	4	2	23.3	68	1.7	158	20
21/11/24 16:20	1	3	4	2	23.5	68	1.8	172	17
21/11/24 16:25	1	3	4	2	23.6	67	1.7	171	17
21/11/24 16:30	1	4	5	2	23.7	66	1.1	150	22
21/11/24 16:35	1	5	6	2	23.4	66	1.7	136	17
21/11/24 16:40	2	6	7	2	23.4	69	1.0	154	29
21/11/24 16:45	2	6	8	2	23.9	67	1.2	154	25
21/11/24 16:50	1	6	7	2	24.1	65	1.2	154	19
21/11/24 16:55	1	6	7	2	24.0	65	1.4	138	21
21/11/24 17:00	1	6	7	2	23.6	68	1.4	140	21

Station Pier Ambient Air Quality Monitoring
November 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 (°)
21/11/24 17:05	1	5	7	2	23.6	69	1.2	162	20
21/11/24 17:10	1	4	5	2	24.3	67	1.2	160	20
21/11/24 17:15	1	3	4	2	24.4	64	1.0	144	19
21/11/24 17:20	1	3	4	2	24.3	65	0.7	144	36
21/11/24 17:25	1	3	4	2	24.2	66	1.3	180	26
21/11/24 17:30	1	3	4	2	24.1	66	1.2	134	26
21/11/24 17:35	1	4	4	2	24.0	66	1.4	127	17
21/11/24 17:40	1	4	5	2	23.8	68	1.2	132	32
21/11/24 17:45	1	5	6	2	23.9	68	1.6	202	13
21/11/24 17:50	1	5	6	2	23.2	69	2.1	202	9
21/11/24 17:55	1	5	6	2	23.1	71	1.3	191	26
21/11/24 18:00	1	7	8	2	23.4	68	0.8	138	40
21/11/24 18:05	1	8	9	2	23.6	67	1.0	168	32
21/11/24 18:10	1	6	7	2	23.8	67	1.1	178	40
21/11/24 18:15	1	3	4	2	23.5	68	2.7	190	15
21/11/24 18:20	1	2	3	2	22.6	71	4.2	192	4
21/11/24 18:25	0	2	3	2	22.2	73	3.4	190	12
21/11/24 18:30	1	4	5	2	22.4	71	2.1	185	17
21/11/24 18:35	1	8	8	2	22.4	72	3.8	192	7
21/11/24 18:40	1	9	10	2	21.9	75	3.3	191	10
21/11/24 18:45	1	8	9	2	22.0	74	1.9	186	20
21/11/24 18:50	1	5	6	2	22.1	74	0.9	163	52
21/11/24 18:55	1	6	7	2	22.1	76	1.2	105	15
21/11/24 19:00	0	6	6	2	21.9	77	1.2	198	30
21/11/24 19:05	0	4	5	2	21.6	79	1.8	211	14
21/11/24 19:10	0	4	4	2	21.1	81	2.5	213	6
21/11/24 19:15	0	4	4	2	20.9	82	2.5	214	10
21/11/24 19:20	0	5	5	2	20.7	84	2.7	216	8
21/11/24 19:25	0	5	5	2	20.6	85	2.9	232	7
21/11/24 19:30	0	5	6	2	20.5	85	3.4	230	6
21/11/24 19:35	0	6	6	2	20.6	86	2.5	223	6
21/11/24 19:40	0	6	6	2	20.5	86	2.6	219	6
21/11/24 19:45	0	6	6	2	20.3	86	2.3	240	7
21/11/24 19:50	0	6	6	2	20.3	86	2.6	238	9
21/11/24 19:55	0	6	6	2	20.2	84	2.2	225	9
21/11/24 20:00	0	6	6	2	20.3	83	1.9	225	6
21/11/24 20:05	0	7	7	2	20.4	85	2.5	222	6
21/11/24 20:10	0	6	7	2	20.3	85	2.6	233	5
21/11/24 20:15	0	7	7	2	20.2	85	3.0	237	7
21/11/24 20:20	0	7	7	2	20.1	85	3.2	232	5
21/11/24 20:25	0	7	7	2	20.2	86	3.0	225	5
21/11/24 20:30	0	8	8	2	20.2	86	3.0	226	6
21/11/24 20:35	0	7	7	2	20.1	86	3.1	226	7
21/11/24 20:40	0	7	7	2	20.1	86	3.3	229	8
21/11/24 20:45	0	6	6	2	20.0	85	3.6	234	6
21/11/24 20:50	0	6	6	2	20.2	83	3.8	236	6
21/11/24 20:55	0	6	6	2	20.2	83	3.2	232	8
21/11/24 21:00	1	13	14	2	20.3	81	3.7	231	7
21/11/24 21:05	1	7	8	2	20.3	80	3.3	237	7
21/11/24 21:10	1	15	16	2	20.4	80	3.6	242	6
21/11/24 21:15	1	16	17	2	20.3	80	3.4	239	6
21/11/24 21:20	1	14	15	2	20.4	81	2.7	247	9
21/11/24 21:25	1	12	13	2	20.3	80	3.4	240	7
21/11/24 21:30	1	14	15	2	20.2	80	2.7	245	6
21/11/24 21:35	1	15	16	2	20.2	81	2.7	250	10
21/11/24 21:40	1	13	15	2	20.0	82	3.3	250	5
21/11/24 21:45	1	12	13	2	19.8	83	3.4	250	6
21/11/24 21:50	1	12	13	2	19.7	83	3.5	252	8
21/11/24 21:55	1	12	13	2	19.6	84	3.2	251	12
21/11/24 22:00	1	13	14	2	19.4	83	3.4	260	9
21/11/24 22:05	1	14	16	2	19.4	84	3.8	256	8
21/11/24 22:10	1	16	17	2	19.4	84	3.4	250	10
21/11/24 22:15	1	15	17	2	19.3	84	3.2	251	6
21/11/24 22:20	2	15	17	2	19.1	85	3.7	250	6
21/11/24 22:25	2	15	16	2	19.1	85	3.6	248	6
21/11/24 22:30	1	15	16	2	19.1	85	3.6	258	7
21/11/24 22:35	1	14	15	2	18.9	85	4.0	258	4
21/11/24 22:40	1	13	14	2	18.8	86	3.1	257	11
21/11/24 22:45	1	12	13	2	18.8	86	2.6	257	9
21/11/24 22:50	1	13	14	2	18.8	86	3.4	255	6
21/11/24 22:55	2	17	19	2	18.8	86	2.9	251	7
21/11/24 23:00	2	21	23	2	18.8	86	2.1	247	6
21/11/24 23:05	2	22	24	2	18.7	85	1.9	268	17
21/11/24 23:10	2	22	23	2	18.6	85	1.4	284	17
21/11/24 23:15	1	15	17	2	18.7	86	1.7	280	13
21/11/24 23:20	1	12	12	2	18.7	86	1.9	282	11
21/11/24 23:25	1	11	12	2	18.7	86	1.6	274	15
21/11/24 23:30	0	11	11	2	18.6	86	1.7	274	16
21/11/24 23:35	0	11	12	2	18.6	86	1.9	270	13
21/11/24 23:40	0	11	11	2	18.7	86	1.8	277	15
21/11/24 23:45	0	11	11	2	18.7	86	1.5	279	17
21/11/24 23:50	0	11	11		18.6	85	1.4	282	11
21/11/24 23:55	0	12	12		18.5	85	1.3	288	12
22/11/24 00:00	0	14	14	2	18.4	85	1.3	295	12

Station Pier Ambient Air Quality Monitoring
November 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 (°)
22/11/24 00:05	0	17	18	2	18.3	85	1.4	294	15
22/11/24 00:10	1	20	20	2	18.3	85	1.4	291	18
22/11/24 00:15	1	23	24	2	18.4	85	1.1	285	19
22/11/24 00:20	2	25	26	2	18.3	85	1.1	294	20
22/11/24 00:25	3	26	29	2	18.1	84	1.4	302	11
22/11/24 00:30	4	26	31	2	18.1	85	1.2	294	10
22/11/24 00:35	5	25	30	2	18.0	85	1.2	313	11
22/11/24 00:40	5	25	30	2	18.0	85	1.2	305	9
22/11/24 00:45	6	25	31	2	17.9	85	0.9	331	18
22/11/24 00:50	6	25	31	2	17.9	85	0.6	345	27
22/11/24 00:55	5	25	30	2	17.9	85	0.8	355	17
22/11/24 01:00	3	25	28	1	17.8	86	1.1	346	17
22/11/24 01:05					17.8	86	0.9	335	24
22/11/24 01:10					17.9	86	0.7	348	27
22/11/24 01:15					17.9	85	1.0	19	14
22/11/24 01:20					17.7	86	0.8	13	25
22/11/24 01:25					17.7	86	0.8	343	23
22/11/24 01:30					17.8	85	0.5	19	27
22/11/24 01:35					17.8	85	0.8	15	9
22/11/24 01:40					17.6	85	0.8	22	12
22/11/24 01:45					17.7	85	0.7	7	19
22/11/24 01:50					17.6	85	0.7	30	20
22/11/24 01:55					17.6	85	0.8	5	21
22/11/24 02:00					17.6	85	0.5	336	35
22/11/24 02:05	1	16	17	1	17.8	83	1.0	348	21
22/11/24 02:10	1	13	14	1	17.9	83	0.6	285	43
22/11/24 02:15	1	13	14	2	18.1	83	1.1	284	12
22/11/24 02:20	1	13	14	1	18.3	82	1.2	287	13
22/11/24 02:25	1	14	14	1	18.2	81	1.2	292	16
22/11/24 02:30	1	16	16	1	18.2	81	0.8	327	30
22/11/24 02:35	1	19	19	1	18.1	80	0.9	357	24
22/11/24 02:40	1	21	21	2	17.8	81	1.0	11	12
22/11/24 02:45	1	21	21	1	17.8	82	0.8	345	13
22/11/24 02:50	1	22	23	2	17.7	82	0.9	333	18
22/11/24 02:55	2	26	27	2	17.8	81	1.0	6	13
22/11/24 03:00	2	25	27	2	17.7	81	1.4	0	7
22/11/24 03:05	2	27	29	2	17.6	81	0.9	2	24
22/11/24 03:10	3	26	29	2	17.5	81	0.6	51	7
22/11/24 03:15	3	26	29	2	17.5	82	0.7	34	11
22/11/24 03:20	3	26	29	2	17.6	82	0.8	42	11
22/11/24 03:25	3	25	27	2	17.5	82	0.7	38	11
22/11/24 03:30	2	24	26	2	17.5	82	0.7	17	7
22/11/24 03:35	2	23	25	2	17.4	83	0.7	31	12
22/11/24 03:40	2	22	24	2	17.4	83	0.7	48	7
22/11/24 03:45	2	23	25	2	17.3	83	0.7	72	11
22/11/24 03:50	2	22	24	2	17.2	83	0.4	92	10
22/11/24 03:55	2	22	24	2	17.1	83	0.4	69	23
22/11/24 04:00	2	22	24	2	17.1	83	0.8	42	13
22/11/24 04:05	2	22	24	2	17.1	83	1.0	57	5
22/11/24 04:10	2	22	24	2	17.0	83	0.5	61	10
22/11/24 04:15	2	22	24	2	16.9	83	0.3	59	16
22/11/24 04:20	2	22	24	2	17.0	82	1.2	43	11
22/11/24 04:25	2	22	24	2	17.0	82	1.0	52	17
22/11/24 04:30	2	22	24	2	17.0	81	0.8	34	12
22/11/24 04:35	13	21	34	2	17.0	81	0.8	31	12
22/11/24 04:40	5	24	29	2	17.0	81	1.2	28	11
22/11/24 04:45	4	23	27	2	16.9	81	1.2	31	12
22/11/24 04:50	4	22	26	2	16.8	82	1.5	26	9
22/11/24 04:55	4	22	26	2	16.8	82	1.4	36	12
22/11/24 05:00	4	22	27	2	16.8	82	1.6	42	7
22/11/24 05:05	5	23	28	2	16.8	82	1.5	45	9
22/11/24 05:10	7	23	30	2	16.8	81	1.5	43	9
22/11/24 05:15	8	23	32	2	16.8	81	1.5	37	9
22/11/24 05:20	10	23	32	2	16.9	80	1.2	49	13
22/11/24 05:25	11	22	33	2	17.0	79	1.5	43	9
22/11/24 05:30	11	22	33	2	17.2	78	1.4	38	8
22/11/24 05:35	12	22	34	2	17.3	78	1.5	37	11
22/11/24 05:40	14	26	40	2	17.5	77	1.2	33	14
22/11/24 05:45	19	24	43	2	17.8	76	1.2	32	13
22/11/24 05:50	23	23	46	2	17.9	75	1.3	27	13
22/11/24 05:55	27	25	51	2	18.2	74	1.0	32	14
22/11/24 06:00	27	26	53	2	18.4	72	1.0	24	15
22/11/24 06:05	25	26	51	2	18.7	71	1.0	26	15
22/11/24 06:10	25	26	51	2	18.9	70	1.2	31	11
22/11/24 06:15	30	31	61	2	19.0	70	1.0	32	13
22/11/24 06:20	28	27	55	2	19.2	69	1.1	60	17
22/11/24 06:25	26	26	51	2	19.4	68	1.0	60	17
22/11/24 06:30	26	27	53	2	19.8	67	1.0	67	22
22/11/24 06:35	34	30	63	2	20.0	66	0.8	67	20
22/11/24 06:40	28	29	57	2	20.4	65	1.2	66	20
22/11/24 06:45	24	27	50	2	20.5	65	1.3	70	16
22/11/24 06:50	22	25	47	3	20.7	64	1.7	82	10
22/11/24 06:55	42	19	62	2	20.9	64	1.5	70	15
22/11/24 07:00	26	26	53	3	21.1	63	1.4	77	14

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
22/11/24 07:05	25	26	51	3	21.3	63	1.5	81	11
22/11/24 07:10	33	21	54	3	21.6	63	1.3	92	16
22/11/24 07:15	30	28	57	3	21.9	61	1.3	63	16
22/11/24 07:20	32	27	59	3	22.0	60	1.4	66	12
22/11/24 07:25	38	30	67	3	22.4	59	1.2	58	18
22/11/24 07:30	44	31	75	3	22.8	58	1.3	55	20
22/11/24 07:35	43	31	74	3	23.2	57	1.3	57	19
22/11/24 07:40	44	33	77	3	23.7	55	1.7	60	14
22/11/24 07:45	43	34	77	3	23.8	55	2.0	55	9
22/11/24 07:50	32	30	62	3	24.0	55	1.8	52	10
22/11/24 07:55	37	31	68	3	24.2	54	1.9	49	9
22/11/24 08:00	44	32	76	3	24.7	53	1.9	53	15
22/11/24 08:05	20	28	48	3	25.0	52	1.5	60	18
22/11/24 08:10	21	27	47	3	25.6	50	1.6	66	15
22/11/24 08:15	23	26	49	3	26.1	48	1.8	56	18
22/11/24 08:20	18	26	44	3	26.5	47	2.3	74	13
22/11/24 08:25	13	22	35	3	26.7	47	2.8	84	12
22/11/24 08:30	12	20	31	3	26.7	48	2.7	83	10
22/11/24 08:35	11	18	29	3	27.0	47	2.4	79	13
22/11/24 08:40	11	19	30	3	27.3	46	2.1	80	20
22/11/24 08:45	10	22	32	2	27.6	45	1.9	62	26
22/11/24 08:50	8	18	26	2	27.9	44	2.1	48	17
22/11/24 08:55	9	20	30	2	28.1	43	2.5	43	19
22/11/24 09:00	13	24	37	3	28.3	43	2.0	38	33
22/11/24 09:05	10	21	31	3	28.6	42	2.3	49	10
22/11/24 09:10	9	22	31	2	28.8	41	2.2	59	12
22/11/24 09:15	9	22	30	2	29.1	41	1.8	52	14
22/11/24 09:20	9	22	31	2	29.4	40	0.7	13	53
22/11/24 09:25	9	22	31	3	29.6	40	1.7	39	36
22/11/24 09:30	10	24	33	2	30.2	38	0.9	53	46
22/11/24 09:35	10	24	34	2	30.3	40	1.0	183	46
22/11/24 09:40	11	25	35	2	29.4	42	1.1	175	40
22/11/24 09:45	9	19	28	2	29.8	40	1.1	215	43
22/11/24 09:50	5	11	16	2	30.9	33	2.3	354	35
22/11/24 09:55	3	7	10	2	32.1	31	1.9	359	23
22/11/24 10:00	2	9	11	2	32.6	29	2.4	16	28
22/11/24 10:05	2	10	12	2	31.8	36	0.6	233	76
22/11/24 10:10	4	23	26	2	30.2	43	1.0	116	45
22/11/24 10:15	8	24	31	2	29.7	44	1.2	177	38
22/11/24 10:20	11	23	34	2	29.4	46	1.6	161	30
22/11/24 10:25	9	20	29	2	27.4	58	1.6	208	35
22/11/24 10:30	11	28	39	2	25.2	67	1.1	171	33
22/11/24 10:35	11	25	36	2	25.9	63	1.3	160	37
22/11/24 10:40	18	35	53	2	26.5	62	1.6	149	22
22/11/24 10:45	14	29	43	2	26.8	62	1.4	136	25
22/11/24 10:50	12	26	38	2	26.3	65	0.9	148	33
22/11/24 10:55	12	26	38	2	26.4	63	1.6	151	26
22/11/24 11:00	12	24	36	2	26.8	62	0.9	140	42
22/11/24 11:05	11	25	35	2	27.2	60	1.7	141	24
22/11/24 11:10	6	20	27	2	27.0	59	1.8	127	18
22/11/24 11:15	5	18	23	2	27.2	56	2.5	130	16
22/11/24 11:20	4	17	21	2	27.7	55	1.3	142	30
22/11/24 11:25	5	27	32	2	28.2	55	0.3	187	76
22/11/24 11:30	8	30	38	2	28.0	56	2.0	150	19
22/11/24 11:35	6	18	24	2	27.4	62	2.3	154	17
22/11/24 11:40	7	20	27	2	26.8	63	1.9	180	22
22/11/24 11:45	5	20	25	2	26.8	60	3.5	183	11
22/11/24 11:50	5	20	25	2	27.1	57	3.2	178	11
22/11/24 11:55	5	20	25	2	27.8	54	2.8	179	11
22/11/24 12:00	5	17	22	2	27.8	55	3.1	178	10
22/11/24 12:05	4	15	19	2	27.8	55	3.3	180	12
22/11/24 12:10	4	16	20	2	27.7	55	3.6	177	11
22/11/24 12:15	4	17	21	2	27.6	55	3.4	176	10
22/11/24 12:20	3	15	18	2	27.7	55	2.9	174	12
22/11/24 12:25	3	12	15	2	27.8	56	1.9	170	20
22/11/24 12:30	2	10	12	2	27.7	58	1.2	158	29
22/11/24 12:35	2	9	11	2	27.6	58	1.5	174	23
22/11/24 12:40	2	10	11	2	27.6	57	1.7	168	20
22/11/24 12:45	1	10	12	2	27.6	57	1.2	176	35
22/11/24 12:50	1	10	12	2	28.2	55	1.9	171	24
22/11/24 12:55	1	10	11	2	28.4	54	1.4	140	43
22/11/24 13:00	1	9	10	2	28.0	56	1.4	145	39
22/11/24 13:05	1	7	8	2	27.9	55	2.6	158	19
22/11/24 13:10	1	5	6	2	27.9	55	2.0	159	25
22/11/24 13:15	1	6	6	2	28.1	55	1.7	137	33
22/11/24 13:20	0	5	6	2	28.5	54	1.0	167	48
22/11/24 13:25	0	5	5	2	28.7	51	1.9	165	26
22/11/24 13:30	0	5	5	2	29.1	50	2.2	169	19
22/11/24 13:35	0	5	5	2	29.2	50	2.2	177	17
22/11/24 13:40	1	6	7	2	29.3	49	2.3	169	20
22/11/24 13:45	1	6	6	2	29.5	49	1.9	170	24
22/11/24 13:50	1	5	6	2	29.6	48	1.8	167	27
22/11/24 13:55	0	5	6	2	29.2	49	2.4	153	25
22/11/24 14:00	0	5	5	2	29.0	48	3.3	162	19

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
22/11/24 14:05	0	5	5	2	29.2	46	2.5	168	20
22/11/24 14:10	0	5	5	1	29.6	47	2.1	180	17
22/11/24 14:15	0	5	5	2	29.1	49	2.1	166	23
22/11/24 14:20	0	4	5	2	29.3	47	2.8	167	21
22/11/24 14:25	0	4	5	2	29.4	44	2.4	178	23
22/11/24 14:30	0	4	5	2	29.9	42	2.7	171	17
22/11/24 14:35	0	4	4	2	29.8	43	2.4	168	23
22/11/24 14:40	1	5	5	2	30.0	41	2.3	170	23
22/11/24 14:45	1	5	5	2	29.9	42	3.0	164	16
22/11/24 14:50	1	5	5	2	30.1	40	2.3	174	22
22/11/24 14:55	1	4	5	2	30.2	40	2.1	168	25
22/11/24 15:00	0	4	4	2	30.1	42	2.5	169	20
22/11/24 15:05	0	4	4	2	29.7	42	2.7	167	20
22/11/24 15:10	0	4	4	2	29.7	41	2.2	164	25
22/11/24 15:15	0	3	4	2	29.7	40	2.2	163	22
22/11/24 15:20	0	3	3	2	29.6	41	2.4	168	21
22/11/24 15:25	0	3	3	2	29.8	39	2.3	167	22
22/11/24 15:30	0	3	3	2	29.9	39	2.8	164	18
22/11/24 15:35	0	3	3	2	30.0	37	2.6	168	22
22/11/24 15:40	0	3	3	2	30.4	36	2.4	162	22
22/11/24 15:45	0	3	3	2	30.1	38	2.2	166	25
22/11/24 15:50	0	4	4	2	30.0	37	1.6	162	40
22/11/24 15:55	1	4	5	2	30.4	34	2.0	164	29
22/11/24 16:00	1	4	4	2	30.4	35	1.8	156	30
22/11/24 16:05	1	4	4	2	30.4	36	1.9	167	27
22/11/24 16:10	1	3	4	2	30.4	35	2.3	161	23
22/11/24 16:15	0	3	3	2	30.5	34	2.5	161	23
22/11/24 16:20	0	2	3	2	30.6	33	2.8	159	21
22/11/24 16:25	0	2	3	1	30.5	35	2.3	176	21
22/11/24 16:30	0	3	3	2	30.2	35	3.0	176	18
22/11/24 16:35	1	3	4	2	30.0	35	2.8	171	18
22/11/24 16:40	0	3	3	2	29.9	39	2.9	171	18
22/11/24 16:45	0	3	3	2	29.1	44	3.4	165	21
22/11/24 16:50	0	3	4	2	28.8	45	4.0	163	18
22/11/24 16:55	0	3	4	2	28.0	51	4.1	152	19
22/11/24 17:00	0	4	4	2	27.6	51	3.4	173	18
22/11/24 17:05	0	4	4	2	27.8	49	3.3	176	19
22/11/24 17:10	0	4	4	2	27.7	50	3.3	170	19
22/11/24 17:15	0	4	4	2	27.8	48	3.3	178	14
22/11/24 17:20	0	4	4	2	27.8	50	2.8	167	20
22/11/24 17:25	0	4	4	2	27.3	54	2.4	156	30
22/11/24 17:30	0	4	4	2	27.0	55	1.3	157	51
22/11/24 17:35	0	4	4	2	27.4	51	2.4	156	28
22/11/24 17:40	0	4	4	2	27.7	51	1.8	152	34
22/11/24 17:45	0	4	4	2	27.5	53	1.7	142	39
22/11/24 17:50	0	4	4	2	27.5	50	1.6	160	42
22/11/24 17:55	0	4	4	2	27.6	52	1.7	145	37
22/11/24 18:00	0	4	4	2	27.1	55	2.1	123	24
22/11/24 18:05	0	6	6	2	26.6	60	1.5	89	15
22/11/24 18:10	0	8	8	2	26.8	60	1.5	93	17
22/11/24 18:15	0	11	11	2	27.7	49	3.5	127	12
22/11/24 18:20	0	7	7	2	29.0	43	3.7	130	15
22/11/24 18:25	0	5	5	2	29.2	44	3.4	132	13
22/11/24 18:30	1	5	6	2	28.7	50	2.0	148	27
22/11/24 18:35	0	5	6	2	27.9	52	1.8	163	33
22/11/24 18:40	0	5	6	2	27.5	54	1.4	152	42
22/11/24 18:45	0	6	6	2	27.3	54	2.2	140	25
22/11/24 18:50	0	6	6	2	27.3	52	2.4	124	21
22/11/24 18:55	0	6	6	2	28.8	42	4.8	103	8
22/11/24 19:00	0	6	6	2	30.4	36	5.9	100	5
22/11/24 19:05	0	6	6	2	32.0	30	5.1	94	8
22/11/24 19:10	0	6	6	2	32.5	30	4.2	92	7
22/11/24 19:15	0	6	6	2	32.7	27	5.6	93	6
22/11/24 19:20	0	6	7	2	32.7	29	4.3	92	8
22/11/24 19:25	0	7	7	2	32.3	30	4.2	90	5
22/11/24 19:30	0	8	8	2	32.2	29	5.1	93	5
22/11/24 19:35	0	8	8	2	32.0	31	4.5	93	6
22/11/24 19:40	0	8	8	2	32.0	29	4.3	90	7
22/11/24 19:45	0	8	8	1	32.3	28	4.4	91	6
22/11/24 19:50	0	8	8	2	32.1	29	4.3	90	7
22/11/24 19:55	0	8	8	2	32.0	29	4.3	91	7
22/11/24 20:00	0	8	8	2	32.0	29	4.7	91	7
22/11/24 20:05	0	8	9	2	32.0	30	3.3	89	6
22/11/24 20:10	0	8	9	2	31.7	31	3.9	94	6
22/11/24 20:15	0	8	8	2	31.6	30	4.3	91	8
22/11/24 20:20	0	8	8	2	31.7	29	4.1	88	8
22/11/24 20:25	0	8	8	2	31.7	30	3.9	92	6
22/11/24 20:30	0	8	8	2	31.5	32	3.2	94	6
22/11/24 20:35	0	8	8	2	31.0	33	3.3	96	6
22/11/24 20:40	0	8	8	2	30.9	32	3.0	87	9
22/11/24 20:45	0	8	9	2	31.2	31	2.9	86	9
22/11/24 20:50	0	9	9	2	31.4	30	3.4	86	10
22/11/24 20:55	0	9	9	2	31.4	31	3.1	90	7
22/11/24 21:00	0	9	9	2	31.1	31	2.9	85	9

Station Pier Ambient Air Quality Monitoring
November 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 (°)
22/11/24 21:05	0	9	9	2	31.1	31	3.2	86	7
22/11/24 21:10	0	9	9	2	31.0	31	2.6	85	9
22/11/24 21:15	0	9	9	2	30.9	31	3.3	85	9
22/11/24 21:20	0	9	9	2	30.9	31	2.5	79	9
22/11/24 21:25	0	10	10	2	30.8	32	2.2	83	8
22/11/24 21:30	0	10	11	2	30.6	33	2.3	89	8
22/11/24 21:35	1	12	13	2	30.3	35	2.4	103	9
22/11/24 21:40	1	12	13	2	30.1	38	1.5	122	32
22/11/24 21:45	0	11	11	2	28.6	47	1.4	173	23
22/11/24 21:50	0	8	9	2	27.6	49	0.9	188	30
22/11/24 21:55	0	8	8	2	27.0	52	0.6	227	47
22/11/24 22:00	0	7	7	2	26.8	48	0.5	134	37
22/11/24 22:05	0	7	7	2	26.9	52	0.9	93	17
22/11/24 22:10	2	10	12	2	26.8	50	1.2	70	10
22/11/24 22:15	0	10	10	2	27.9	43	1.2	77	11
22/11/24 22:20	0	15	15	2	28.0	48	0.4	307	62
22/11/24 22:25	0	7	7	2	26.3	61	1.0	250	19
22/11/24 22:30	0	6	7	2	25.5	64	0.7	213	12
22/11/24 22:35	0	6	7	2	25.1	66	0.6	243	39
22/11/24 22:40	0	7	7	2	25.1	57	0.5	308	21
22/11/24 22:45	0	8	9	2	25.6	52	0.6	330	12
22/11/24 22:50	0	16	17	2	26.4	49	0.4	342	19
22/11/24 22:55	1	35	36	2	27.0	46	0.9	328	18
22/11/24 23:00	3	48	51	2	27.9	43	1.0	352	27
22/11/24 23:05	3	31	34	2	28.2	41	1.5	325	26
22/11/24 23:10	2	31	33	2	27.9	45	2.2	320	24
22/11/24 23:15	1	31	32	2	27.2	48	2.4	323	19
22/11/24 23:20	1	31	32	2	26.9	49	1.6	312	26
22/11/24 23:25	1	30	31	2	26.7	49	2.6	299	18
22/11/24 23:30	1	29	30	2	26.6	49	2.3	306	17
22/11/24 23:35	1	29	29	2	26.6	49	2.0	310	15
22/11/24 23:40	1	29	29	3	26.5	49	1.9	309	15
22/11/24 23:45	1	29	30	2	26.4	50	1.6	319	17
22/11/24 23:50	2	30	32		26.3	50	1.4	314	19
22/11/24 23:55	2	32	34		26.2	50	1.5	309	12
23/11/24 00:00	3	33	35	2	26.2	50	1.2	317	17
23/11/24 00:05	2	31	34	2	26.2	50	1.0	308	20
23/11/24 00:10	2	31	33	2	26.1	49	1.3	326	23
23/11/24 00:15	2	31	32	2	26.2	49	1.0	321	32
23/11/24 00:20	1	30	31	2	26.1	49	1.3	308	23
23/11/24 00:25	1	29	30	2	26.1	48	1.3	322	25
23/11/24 00:30	1	29	30	2	26.1	47	0.8	335	44
23/11/24 00:35	1	28	29	2	26.0	47	0.7	343	36
23/11/24 00:40	1	27	28	2	26.1	47	1.0	351	24
23/11/24 00:45	1	26	26	2	26.0	47	0.6	328	34
23/11/24 00:50	1	25	25	2	25.9	46	0.7	25	29
23/11/24 00:55	1	24	25	2	26.0	46	0.6	24	36
23/11/24 01:00	1	24	24	2	26.0	47	0.7	303	42
23/11/24 01:05					25.8	48	1.0	291	13
23/11/24 01:10					25.8	47	0.9	306	19
23/11/24 01:15					25.7	46	0.6	344	41
23/11/24 01:20					25.9	46	0.9	343	29
23/11/24 01:25					25.8	45	0.6	323	24
23/11/24 01:30					25.7	45	0.4	24	39
23/11/24 01:35					25.7	45	0.6	357	31
23/11/24 01:40					25.7	45	0.9	38	19
23/11/24 01:45					25.6	46	1.2	56	8
23/11/24 01:50					25.6	46	1.0	66	11
23/11/24 01:55					25.5	46	1.1	75	14
23/11/24 02:00					25.7	45	1.4	55	10
23/11/24 02:05	0	23	24	2	26.0	45	1.7	46	9
23/11/24 02:10	1	22	22	2	26.2	44	1.7	39	13
23/11/24 02:15	0	20	21	1	26.5	41	1.8	36	13
23/11/24 02:20	1	19	19	1	27.0	39	2.3	38	12
23/11/24 02:25	0	18	18	2	27.3	37	2.4	25	16
23/11/24 02:30	0	14	15	1	27.9	34	2.7	24	19
23/11/24 02:35	0	9	9	2	28.3	32	2.5	22	15
23/11/24 02:40	0	7	7	2	28.5	32	2.6	16	17
23/11/24 02:45	0	7	7	2	28.6	32	2.6	16	18
23/11/24 02:50	0	7	7	2	28.6	32	2.4	18	16
23/11/24 02:55	0	7	7	2	28.6	32	2.7	14	19
23/11/24 03:00	0	7	7	2	28.6	32	2.4	16	18
23/11/24 03:05	0	7	7	1	28.6	32	2.1	16	20
23/11/24 03:10	0	7	8	1	28.4	32	2.2	10	19
23/11/24 03:15	0	8	8	1	28.5	33	1.8	15	21
23/11/24 03:20	0	8	8	1	28.4	32	2.0	13	19
23/11/24 03:25	0	8	8	1	28.4	33	2.5	17	18
23/11/24 03:30	0	9	9	1	28.4	33	1.9	21	16
23/11/24 03:35	0	9	10	1	28.4	33	2.4	15	16
23/11/24 03:40	0	9	10	1	28.3	32	2.3	21	23
23/11/24 03:45	0	9	10	1	28.4	32	2.5	20	17
23/11/24 03:50	0	9	10	1	28.4	32	2.8	15	15
23/11/24 03:55	0	9	10	1	28.5	32	2.1	9	22
23/11/24 04:00	0	9	9	1	28.4	33	2.1	7	16

Station Pier Ambient Air Quality Monitoring
November 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 (°)
23/11/24 04:05	0	9	9	1	28.4	33	2.1	10	24
23/11/24 04:10	0	9	9	1	28.2	33	2.5	15	15
23/11/24 04:15	0	9	9	1	28.2	33	2.3	14	17
23/11/24 04:20	0	9	9	1	28.2	33	1.9	8	23
23/11/24 04:25	0	9	9	1	28.1	33	2.2	11	22
23/11/24 04:30	0	9	9	1	28.0	33	1.9	13	20
23/11/24 04:35	0	9	9	1	28.0	33	2.3	14	20
23/11/24 04:40	0	9	9	1	28.0	33	2.6	15	16
23/11/24 04:45	0	9	9	2	27.9	33	2.3	16	14
23/11/24 04:50	0	9	9	2	27.8	34	1.7	11	24
23/11/24 04:55	0	9	10	1	27.8	33	2.0	15	26
23/11/24 05:00	0	10	10	1	27.8	33	2.5	15	18
23/11/24 05:05	0	10	10	1	27.9	33	2.1	17	21
23/11/24 05:10	0	10	10	1	27.9	34	2.0	14	20
23/11/24 05:15	0	10	10	1	27.8	33	2.1	9	20
23/11/24 05:20	0	10	10	1	27.8	33	2.0	13	26
23/11/24 05:25	0	10	10	1	27.8	33	2.0	13	26
23/11/24 05:30	0	10	10	1	27.9	33	2.1	12	19
23/11/24 05:35	0	10	10	1	27.9	33	2.2	6	21
23/11/24 05:40	0	10	11	1	27.9	33	1.6	10	29
23/11/24 05:45	0	11	11	1	27.9	33	2.7	13	16
23/11/24 05:50	1	11	12	1	28.0	33	2.3	15	25
23/11/24 05:55	1	12	12	1	28.1	33	2.6	22	19
23/11/24 06:00	1	12	13	1	28.3	33	2.8	24	17
23/11/24 06:05	1	13	14	1	28.4	32	2.6	20	15
23/11/24 06:10	1	13	14	1	28.5	32	2.5	16	18
23/11/24 06:15	1	13	14	1	28.6	32	3.1	16	18
23/11/24 06:20	1	13	14	1	28.7	32	2.6	22	20
23/11/24 06:25	1	13	14	1	28.8	32	2.2	13	22
23/11/24 06:30	1	13	14	1	28.9	31	3.1	13	23
23/11/24 06:35	1	13	14	1	28.9	31	2.7	9	24
23/11/24 06:40	1	13	14	2	28.9	31	2.5	16	21
23/11/24 06:45	1	13	14	1	28.9	31	3.0	15	20
23/11/24 06:50	1	13	14	2	29.0	31	2.8	20	20
23/11/24 06:55	2	13	14	1	29.1	31	3.7	8	22
23/11/24 07:00	2	13	14	1	29.3	31	3.5	18	13
23/11/24 07:05	2	13	14	1	29.7	30	2.9	11	20
23/11/24 07:10	2	12	14	1	30.0	30	2.9	6	30
23/11/24 07:15	2	12	14	1	30.2	29	3.0	10	23
23/11/24 07:20	2	12	14	1	30.2	29	4.3	1	20
23/11/24 07:25	2	11	13	1	30.4	29	4.2	355	18
23/11/24 07:30	2	10	12	1	30.5	29	3.1	359	22
23/11/24 07:35	2	10	11	1	30.6	28	4.0	354	19
23/11/24 07:40	2	9	11	1	30.5	28	3.6	360	18
23/11/24 07:45	2	9	11	1	30.6	28	4.0	3	20
23/11/24 07:50	2	9	11	1	30.5	29	3.4	2	20
23/11/24 07:55	2	9	11	1	30.5	29	2.7	5	28
23/11/24 08:00	2	9	11	1	30.8	28	2.7	355	28
23/11/24 08:05	2	9	11	1	30.9	28	2.3	347	29
23/11/24 08:10	2	10	12	1	31.0	28	2.5	342	30
23/11/24 08:15	2	10	12	1	31.2	28	3.2	333	27
23/11/24 08:20	2	10	12	1	31.2	28	1.8	330	30
23/11/24 08:25	2	10	12	1	31.4	27	1.7	334	37
23/11/24 08:30	2	10	12	1	31.4	27	1.9	330	33
23/11/24 08:35	2	10	12	1	31.5	27	2.2	344	28
23/11/24 08:40	2	10	12	1	31.5	27	3.5	357	31
23/11/24 08:45	2	9	10	1	31.4	27	2.7	346	32
23/11/24 08:50	1	8	10	1	31.7	26	2.9	351	22
23/11/24 08:55	1	8	10	1	31.9	27	2.3	354	26
23/11/24 09:00	2	8	9	1	32.0	26	2.3	336	35
23/11/24 09:05	2	8	9	1	32.2	26	2.9	346	28
23/11/24 09:10	1	8	9	1	32.5	26	3.8	349	26
23/11/24 09:15	1	8	9	1	32.6	26	1.3	351	51
23/11/24 09:20	1	8	9	1	33.3	25	2.0	10	23
23/11/24 09:25	2	8	10	1	33.6	24	2.5	358	30
23/11/24 09:30	2	8	10	1	34.0	24	2.3	357	27
23/11/24 09:35	2	8	10	1	34.2	23	1.8	338	44
23/11/24 09:40	2	8	9	1	34.4	23	2.7	354	28
23/11/24 09:45	1	7	9	1	34.8	22	3.6	4	22
23/11/24 09:50	1	7	8	1	34.9	22	2.7	8	29
23/11/24 09:55	1	7	8	1	34.9	22	2.7	2	25
23/11/24 10:00	1	7	8	1	34.9	22	3.6	11	19
23/11/24 10:05	1	7	8	1	34.9	22	2.6	11	26
23/11/24 10:10	1	7	8	1	35.1	22	2.3	6	24
23/11/24 10:15	1	7	8	1	35.4	21	1.9	350	38
23/11/24 10:20	1	7	8	1	35.6	20	1.9	336	34
23/11/24 10:25	1	7	8	1	35.7	20	1.6	329	40
23/11/24 10:30	1	7	8	1	35.6	21	2.2	295	26
23/11/24 10:35	1	7	8	1	35.4	19	2.4	299	26
23/11/24 10:40	1	7	8	1	35.6	18	3.0	286	26
23/11/24 10:45	1	7	8	1	35.3	19	3.3	297	25
23/11/24 10:50	1	6	8	1	35.6	18	2.8	300	23
23/11/24 10:55	1	6	7	1	35.7	18	3.3	278	17
23/11/24 11:00	1	5	6	1	35.2	19	4.4	282	19

Station Pier Ambient Air Quality Monitoring
November 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 (°)
23/11/24 11:05	1	5	6	1	35.6	18	4.0	282	15
23/11/24 11:10	1	5	6	1	35.2	19	5.1	280	13
23/11/24 11:15	1	5	6	1	35.3	19	3.9	283	16
23/11/24 11:20	1	5	6	1	35.2	19	2.9	286	30
23/11/24 11:25	1	5	6	2	35.4	18	3.3	284	21
23/11/24 11:30	1	5	6	2	35.6	18	5.1	279	15
23/11/24 11:35	1	5	6	1	35.3	19	4.3	284	14
23/11/24 11:40	1	5	6	1	35.6	17	5.7	291	15
23/11/24 11:45	1	4	5	1	35.8	17	4.0	289	18
23/11/24 11:50	1	4	5	1	36.0	18	4.8	277	16
23/11/24 11:55	1	4	5	1	35.7	18	4.5	283	15
23/11/24 12:00	1	4	5	1	36.3	17	5.5	299	17
23/11/24 12:05	1	3	4	1	36.5	16	4.6	307	21
23/11/24 12:10	1	3	4	1	36.3	17	4.5	299	20
23/11/24 12:15	1	3	4	1	36.2	17	4.8	303	15
23/11/24 12:20	1	3	4	1	36.0	18	4.2	287	14
23/11/24 12:25	1	3	3	1	35.8	18	3.5	279	15
23/11/24 12:30	1	3	3	1	36.2	18	4.7	302	15
23/11/24 12:35	1	3	4	1	36.5	18	4.4	298	14
23/11/24 12:40	1	4	5	1	36.1	18	3.3	295	19
23/11/24 12:45	1	4	5	1	36.2	18	4.0	290	19
23/11/24 12:50	1	4	5	1	36.4	17	3.9	302	24
23/11/24 12:55	1	4	5	1	36.5	18	4.4	284	18
23/11/24 13:00	1	4	5	1	35.4	19	6.1	278	16
23/11/24 13:05	1	3	4	1	35.1	20	4.5	276	15
23/11/24 13:10	1	3	4	1	35.6	19	5.4	276	12
23/11/24 13:15	0	3	4	1	36.0	18	4.3	294	15
23/11/24 13:20	0	3	4	1	36.1	18	4.2	294	15
23/11/24 13:25	1	4	4	1	36.2	18	3.1	285	20
23/11/24 13:30	1	4	5	1	36.2	17	4.2	283	15
23/11/24 13:35	1	4	4	1	36.0	18	3.8	278	17
23/11/24 13:40	1	3	4	1	36.1	17	3.3	296	30
23/11/24 13:45	0	3	3	1	36.8	17	2.8	297	36
23/11/24 13:50	0	3	4	1	36.2	18	3.6	283	17
23/11/24 13:55	0	3	4	1	36.1	17	3.6	296	22
23/11/24 14:00	0	3	3	1	36.4	18	4.0	280	16
23/11/24 14:05	0	3	3	1	35.6	19	4.8	277	12
23/11/24 14:10	0	2	3	1	35.1	20	3.8	276	14
23/11/24 14:15	0	2	3	1	35.9	19	2.4	282	19
23/11/24 14:20	0	3	3	1	35.7	20	4.6	266	14
23/11/24 14:25	1	3	4	1	35.3	21	4.5	276	15
23/11/24 14:30	0	2	3	1	35.4	19	4.1	287	14
23/11/24 14:35	0	2	3	1	35.5	20	3.1	271	13
23/11/24 14:40	1	4	5	1	35.3	19	1.9	271	21
23/11/24 14:45	1	2	3	1	35.7	19	3.8	280	14
23/11/24 14:50	1	2	3	1	35.9	18	3.1	291	14
23/11/24 14:55	1	3	4	1	36.2	18	2.7	296	28
23/11/24 15:00	1	5	6	1	35.8	18	3.2	290	24
23/11/24 15:05	1	4	4	1	36.2	17	4.3	301	19
23/11/24 15:10	1	3	4	1	35.9	18	2.4	283	18
23/11/24 15:15	0	3	4	1	35.6	19	3.5	279	17
23/11/24 15:20	0	4	4	1	34.2	23	5.0	261	8
23/11/24 15:25	1	6	6	1	33.8	23	3.3	268	7
23/11/24 15:30	1	7	8	1	34.3	22	6.0	269	12
23/11/24 15:35	1	6	7	2	34.1	22	6.3	256	4
23/11/24 15:40	1	14	15	1	33.6	23	4.7	254	7
23/11/24 15:45	2	26	28	1	33.5	24	4.4	257	9
23/11/24 15:50	2	8	10	2	32.4	30	7.4	213	20
23/11/24 15:55	1	5	6	2	26.2	51	6.5	181	12
23/11/24 16:00	1	3	4	2	24.7	57	5.5	176	11
23/11/24 16:05	1	2	3	2	24.0	60	5.4	177	12
23/11/24 16:10	1	2	3	1	23.7	62	4.0	173	12
23/11/24 16:15	1	3	3	1	23.6	63	2.7	144	23
23/11/24 16:20	0	2	2	2	23.2	64	3.7	124	16
23/11/24 16:25	0	2	2	2	23.1	65	3.4	119	17
23/11/24 16:30	0	2	2	2	22.9	65	4.3	124	15
23/11/24 16:35	0	2	2	1	22.9	65	4.6	124	15
23/11/24 16:40	0	2	2	1	23.0	64	3.7	140	19
23/11/24 16:45	0	2	2	1	23.4	63	3.4	166	20
23/11/24 16:50	0	2	2	1	23.5	60	5.4	177	12
23/11/24 16:55	0	1	2	1	23.4	58	8.0	191	6
23/11/24 17:00	0	1	1	1	22.7	64	7.5	199	4
23/11/24 17:05	0	1	1	1	22.3	68	7.0	204	4
23/11/24 17:10	0	1	1	1	22.2	70	6.4	198	3
23/11/24 17:15	0	1	1	1	22.1	70	6.3	197	3
23/11/24 17:20	0	1	1	1	22.1	69	6.0	191	4
23/11/24 17:25	0	1	1	1	22.6	65	4.5	185	7
23/11/24 17:30	0	1	1	1	23.0	64	4.3	184	10
23/11/24 17:35	0	1	1	1	23.0	65	4.6	177	11
23/11/24 17:40	0	2	2	1	22.8	65	4.4	182	9
23/11/24 17:45	0	2	2	2	22.8	64	4.5	185	8
23/11/24 17:50	2	32	34	2	22.7	63	3.6	180	10
23/11/24 17:55	9	34	43	2	22.6	65	3.4	180	14
23/11/24 18:00	6	29	35	2	22.5	65	3.8	178	12

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
23/11/24 18:05	2	6	8	2	22.6	67	2.4	167	18
23/11/24 18:10	0	3	3	2	22.3	69	2.2	160	27
23/11/24 18:15	0	2	3	2	22.0	70	2.4	126	18
23/11/24 18:20	0	2	3	2	21.8	72	2.0	115	22
23/11/24 18:25	0	2	2	1	21.7	73	2.1	112	15
23/11/24 18:30	0	2	2	1	21.8	73	1.7	111	23
23/11/24 18:35	0	2	2	1	21.7	73	1.2	110	17
23/11/24 18:40	0	2	2	1	21.7	73	0.7	126	28
23/11/24 18:45	0	2	2	1	21.8	73	0.7	122	23
23/11/24 18:50	0	2	2	1	21.7	74	1.2	110	15
23/11/24 18:55	0	2	2	1	21.6	75	2.1	105	8
23/11/24 19:00	0	2	2	1	21.6	76	3.0	92	7
23/11/24 19:05	0	2	2	1	21.7	75	3.5	92	7
23/11/24 19:10	0	3	3	1	21.7	73	3.4	101	10
23/11/24 19:15	0	3	3	1	21.9	71	2.3	131	27
23/11/24 19:20	0	3	3	1	21.8	72	1.4	160	29
23/11/24 19:25	0	3	3	1	21.9	73	1.2	160	28
23/11/24 19:30	0	3	3	1	21.9	73	1.1	155	35
23/11/24 19:35	0	3	3	1	21.9	74	1.3	142	22
23/11/24 19:40	0	3	3	1	21.9	73	1.6	128	19
23/11/24 19:45	0	3	3	1	21.9	73	0.9	110	21
23/11/24 19:50	0	3	3	1	22.2	73	1.0	112	21
23/11/24 19:55	0	3	3	1	22.3	72	2.1	127	14
23/11/24 20:00	0	3	3	1	22.4	71	1.3	118	22
23/11/24 20:05	0	2	3	1	22.4	71	1.5	125	19
23/11/24 20:10	0	2	2	1	22.4	70	2.1	126	15
23/11/24 20:15	0	2	2	1	22.5	70	2.0	120	16
23/11/24 20:20	0	2	2	1	22.6	73	1.7	105	14
23/11/24 20:25	0	2	2	1	22.6	74	2.6	97	4
23/11/24 20:30	0	1	2	1	22.6	74	3.3	103	6
23/11/24 20:35	0	1	1	1	22.5	75	2.0	110	16
23/11/24 20:40	0	1	1	1	22.5	74	1.6	119	21
23/11/24 20:45	0	1	1	1	22.5	74	1.4	113	16
23/11/24 20:50	0	1	1	1	22.4	73	1.6	129	22
23/11/24 20:55	0	2	1	1	22.6	74	0.7	154	41
23/11/24 21:00	0	2	2	1	22.6	74	0.9	157	38
23/11/24 21:05	0	2	2	1	22.5	74	1.1	152	31
23/11/24 21:10	0	2	2	1	22.5	73	1.5	138	25
23/11/24 21:15	0	2	2	1	22.5	72	1.1	164	32
23/11/24 21:20	0	2	2	1	22.4	77	1.2	184	16
23/11/24 21:25	0	1	2	1	22.3	77	0.8	168	28
23/11/24 21:30	0	1	2	1	22.2	77	0.8	163	33
23/11/24 21:35	0	1	2	1	22.3	77	1.1	155	33
23/11/24 21:40	0	1	2	1	22.4	75	1.4	155	33
23/11/24 21:45	0	1	2	1	22.4	74	1.6	153	31
23/11/24 21:50	0	1	1	1	22.6	74	1.9	164	19
23/11/24 21:55	0	1	2	1	22.4	76	1.6	161	19
23/11/24 22:00	0	1	2	1	22.4	77	1.6	172	19
23/11/24 22:05	0	1	1	1	22.3	78	1.3	166	21
23/11/24 22:10	0	1	1	1	22.3	78	1.3	168	18
23/11/24 22:15	0	1	2	1	22.2	79	1.2	168	23
23/11/24 22:20	0	1	2	1	22.1	80	0.5	157	40
23/11/24 22:25	0	2	2	1	22.0	80	0.4	144	54
23/11/24 22:30	1	5	6	1	22.0	80	1.4	131	21
23/11/24 22:35	1	6	7	1	21.8	78	1.4	129	19
23/11/24 22:40	1	2	3	1	21.8	78	0.4	151	41
23/11/24 22:45	1	1	2	1	21.9	79	0.5	130	28
23/11/24 22:50	1	1	2	1	21.9	79	0.8	113	13
23/11/24 22:55	1	2	2	1	22.0	81	0.7	93	13
23/11/24 23:00	0	2	2	1	21.9	82	1.0	92	12
23/11/24 23:05	0	2	2	1	22.0	81	0.9	90	10
23/11/24 23:10	0	2	2	1	22.0	81	0.7	92	13
23/11/24 23:15	0	2	2	1	22.0	80	0.6	114	16
23/11/24 23:20	0	2	2	1	21.9	79	0.6	114	20
23/11/24 23:25	0	2	2	1	21.9	79	0.7	105	12
23/11/24 23:30	0	2	2	1	21.9	79	0.8	103	8
23/11/24 23:35	0	2	2	1	22.0	79	0.6	113	16
23/11/24 23:40	0	2	2	1	22.0	79	0.4	151	36
23/11/24 23:45	0	2	3	1	22.0	79	0.6	164	17
23/11/24 23:50	0	2	3		22.0	78	0.3	176	37
23/11/24 23:55	0	2	3		21.8	81	0.7	203	12
24/11/24 00:00	0	2	3	1	21.5	84	0.6	231	16
24/11/24 00:05	0	3	3	1	21.4	84	0.4	222	16
24/11/24 00:10	0	3	3	1	21.2	85	0.0	33	94
24/11/24 00:15	0	2	3	1	21.2	85	0.8	113	16
24/11/24 00:20	0	2	3	1	21.2	85	0.8	101	8
24/11/24 00:25	0	3	3	1	21.2	85	1.0	100	5
24/11/24 00:30	0	3	3	1	21.1	84	0.7	94	15
24/11/24 00:35	0	3	3	1	21.4	84	0.6	50	13
24/11/24 00:40	0	4	4	1	21.6	79	1.3	48	10
24/11/24 00:45	0	5	5	1	21.8	78	0.9	39	8
24/11/24 00:50	0	5	5	1	22.0	79	1.1	49	12
24/11/24 00:55	0	6	6	1	22.0	77	1.0	53	13
24/11/24 01:00	0	6	6	1	22.1	75	1.1	55	14

Station Pier Ambient Air Quality Monitoring

November 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 (°)
24/11/24 01:05					22.2	75	1.0	66	10
24/11/24 01:10					22.3	75	1.0	91	8
24/11/24 01:15					22.1	75	1.4	93	5
24/11/24 01:20					22.1	75	1.3	89	6
24/11/24 01:25					22.1	76	0.7	100	15
24/11/24 01:30					22.1	76	0.7	128	13
24/11/24 01:35					22.0	75	0.6	120	12
24/11/24 01:40					21.9	75	0.5	120	10
24/11/24 01:45					21.9	76	0.6	126	10
24/11/24 01:50					21.9	75	0.7	119	7
24/11/24 01:55					21.8	76	0.9	125	8
24/11/24 02:00					21.8	77	0.5	114	22
24/11/24 02:05	0	7	7	1	21.9	80	0.7	101	15
24/11/24 02:10	0	7	7	1	21.7	82	0.6	112	11
24/11/24 02:15	0	6	7	1	21.5	82	0.6	126	15
24/11/24 02:20	0	6	7	1	21.4	82	0.5	119	17
24/11/24 02:25	0	6	7	1	21.5	83	0.3	136	27
24/11/24 02:30	0	6	6	1	21.4	83	0.4	136	23
24/11/24 02:35	0	6	6	1	21.3	82	1.0	126	9
24/11/24 02:40	0	6	6	1	21.4	84	0.7	157	27
24/11/24 02:45	0	6	6	1	21.3	83	1.0	160	18
24/11/24 02:50	0	6	6	1	21.3	84	0.9	171	20
24/11/24 02:55	0	6	7	1	21.4	86	0.9	183	12
24/11/24 03:00	0	6	6	1	21.4	87	1.5	190	5
24/11/24 03:05	0	6	7	1	21.0	88	1.7	187	4
24/11/24 03:10	0	6	7	1	20.8	89	1.5	190	7
24/11/24 03:15	0	6	7	1	20.8	90	1.3	190	12
24/11/24 03:20	0	6	7	1	20.7	89	1.0	183	22
24/11/24 03:25	0	6	7	1	20.6	88	0.9	190	14
24/11/24 03:30	0	7	7	1	20.7	89	0.9	236	33
24/11/24 03:35	0	7	7	1	20.6	90	0.6	242	34
24/11/24 03:40	0	7	7	1	20.7	90	1.0	226	14
24/11/24 03:45	0	7	7	1	20.5	90	0.9	216	14
24/11/24 03:50	0	8	8	1	20.4	90	1.3	200	5
24/11/24 03:55	0	8	8	1	20.5	91	1.7	195	2
24/11/24 04:00	0	8	8	1	20.5	91	1.9	193	3
24/11/24 04:05	0	8	8	1	20.5	91	1.7	210	7
24/11/24 04:10	0	7	8	1	20.4	91	2.0	217	4
24/11/24 04:15	0	7	8	1	20.4	91	2.1	198	5
24/11/24 04:20	0	8	8	1	20.3	89	2.3	191	3
24/11/24 04:25	0	8	8	1	20.4	88	2.1	201	7
24/11/24 04:30	0	7	8	1	20.4	89	1.9	210	4
24/11/24 04:35	0	8	8	1	20.3	89	1.5	198	8
24/11/24 04:40	0	8	8	1	20.3	90	1.7	200	11
24/11/24 04:45	0	8	8	1	20.3	91	1.7	222	4
24/11/24 04:50	0	8	8	1	20.2	91	1.5	217	6
24/11/24 04:55	0	8	8	1	20.1	91	1.7	211	6
24/11/24 05:00	0	7	7	1	20.1	92	2.0	212	3
24/11/24 05:05	0	7	7	1	20.1	92	2.3	212	3
24/11/24 05:10	0	7	7	1	20.0	92	2.7	211	2
24/11/24 05:15	0	7	7	1	19.9	92	2.9	204	4
24/11/24 05:20	0	6	7	1	19.9	92	2.7	205	3
24/11/24 05:25	0	6	6	1	19.8	92	2.6	208	4
24/11/24 05:30	0	5	5	1	19.8	92	2.5	213	3
24/11/24 05:35	0	4	4	1	19.7	93	2.3	214	3
24/11/24 05:40	0	3	4	1	19.8	93	2.2	209	5
24/11/24 05:45	0	3	3	1	19.7	93	2.1	215	4
24/11/24 05:50	0	3	4	1	19.8	94	1.9	218	3
24/11/24 05:55	0	3	4	1	19.6	94	2.1	220	4
24/11/24 06:00	0	4	4	1	19.6	94	2.1	219	4
24/11/24 06:05	0	5	5	1	19.6	95	2.3	223	5
24/11/24 06:10	0	4	4	1	19.5	95	2.1	219	5
24/11/24 06:15	0	4	4	1	19.5	95	2.1	219	3
24/11/24 06:20	0	4	3	1	19.5	95	1.9	230	6
24/11/24 06:25	0	4	3	1	19.5	96	1.8	240	7
24/11/24 06:30	0	3	3	1	19.4	95	2.3	225	5
24/11/24 06:35	0	4	4	1	19.3	96	1.9	218	4
24/11/24 06:40	0	4	4	1	19.3	96	1.7	204	6
24/11/24 06:45	1	7	8	1	19.3	96	1.6	202	4
24/11/24 06:50	1	2	3	1	19.3	96	1.5	201	4
24/11/24 06:55	0	2	2	1	19.3	96	1.3	199	3
24/11/24 07:00	1	3	4	1	19.4	97	0.6	161	32
24/11/24 07:05	1	4	4	1	19.4	96	0.8	125	20
24/11/24 07:10	1	3	4	1	19.4	97	1.2	96	8
24/11/24 07:15	1	2	3	1	19.5	97	1.0	89	12
24/11/24 07:20	6	3	9	1	19.5	97	0.8	131	17
24/11/24 07:25	14	4	19	1	19.5	97	1.6	107	9
24/11/24 07:30				1	19.4	97	0.8	114	21
24/11/24 07:35	2	8	10	1	19.5	97	0.8	120	18
24/11/24 07:40	1	5	7	1	19.4	97	0.7	116	23
24/11/24 07:45	1	4	5	1	19.4	97	0.8	111	13
24/11/24 07:50	2	9	12	1	19.5	97	0.7	113	16
24/11/24 07:55	14	19	33	1	19.3	97	0.8	113	14
24/11/24 08:00	101	38	140	1	19.5	97	0.7	141	22

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
24/11/24 08:05	23	12	35	1	19.4	97	0.6	124	20
24/11/24 08:10	10	12	22	1	19.5	97	0.4	133	26
24/11/24 08:15	31	1	32	1	19.5	97	0.5	126	23
24/11/24 08:20	30	10	40	1	19.6	97	0.5	130	27
24/11/24 08:25	17	12	30	1	19.6	97	0.3	129	32
24/11/24 08:30	3	9	12	1	19.7	97	0.4	148	35
24/11/24 08:35	1	6	7	1	19.6	97	0.5	165	45
24/11/24 08:40	3	15	18	1	19.7	97	0.6	167	27
24/11/24 08:45	2	9	11	1	19.7	97	0.4	163	36
24/11/24 08:50	7	7	14	1	19.7	97	0.5	163	24
24/11/24 08:55	1	8	9	1	19.8	97	0.5	136	24
24/11/24 09:00	2	8	10	1	19.8	97	0.5	125	16
24/11/24 09:05	2	6	8	1	19.8	97	0.4	139	28
24/11/24 09:10	1	6	7	1	19.8	97	0.4	117	30
24/11/24 09:15	1	7	8	1	19.9	97	0.5	120	28
24/11/24 09:20	1	5	6	1	20.0	97	0.3	172	46
24/11/24 09:25	1	5	6	1	19.9	96	0.7	226	12
24/11/24 09:30	1	7	8	1	19.7	96	1.2	202	6
24/11/24 09:35	14	16	30	1	19.8	97	1.0	174	18
24/11/24 09:40	1	7	8	1	19.9	97	1.8	208	4
24/11/24 09:45	1	6	7	1	19.8	97	1.9	198	5
24/11/24 09:50	29	25	53	1	19.8	97	1.2	185	19
24/11/24 09:55	5	12	17	1	20.0	97	1.0	157	27
24/11/24 10:00	13	27	40	1	20.0	97	1.1	180	20
24/11/24 10:05	12	13	25	1	20.1	97	0.9	148	17
24/11/24 10:10	3	7	11	1	20.0	97	0.9	155	21
24/11/24 10:15	5	11	16	1	20.1	97	1.6	189	6
24/11/24 10:20	6	16	21	1	20.1	97	2.1	189	10
24/11/24 10:25	9	24	33	1	20.0	96	2.2	196	6
24/11/24 10:30	15	27	42	1	20.0	97	1.5	185	14
24/11/24 10:35	28	30	57	1	20.2	97	2.0	189	9
24/11/24 10:40	63	35	98	1	20.3	97	2.4	181	12
24/11/24 10:45	31	28	59	1	20.4	96	2.5	183	7
24/11/24 10:50	20	24	43	1	20.2	96	1.6	181	12
24/11/24 10:55	12	16	28	1	20.4	96	0.7	157	29
24/11/24 11:00	32	33	65	1	20.5	96	1.2	179	25
24/11/24 11:05	20	24	45	1	20.5	95	2.9	195	5
24/11/24 11:10	11	19	30	1	20.1	95	2.0	197	3
24/11/24 11:15	7	18	25	1	20.2	95	2.4	201	3
24/11/24 11:20	7	17	24	1	20.1	95	2.7	196	2
24/11/24 11:25	16	34	50	1	20.2	96	2.0	194	5
24/11/24 11:30	54	36	90	1	20.4	95	1.7	199	4
24/11/24 11:35	82	38	120	1	20.5	95	1.2	186	14
24/11/24 11:40	65	43	107	1	20.8	95	1.0	179	17
24/11/24 11:45	13	22	35	1	21.0	95	1.0	172	24
24/11/24 11:50	4	12	16	2	20.9	94	0.8	143	23
24/11/24 11:55	2	9	11	1	20.9	94	1.0	149	22
24/11/24 12:00	5	25	30	1	21.0	93	1.3	153	18
24/11/24 12:05	7	16	22	1	21.0	93	1.5	157	20
24/11/24 12:10	15	19	34	1	21.0	93	1.6	157	21
24/11/24 12:15	8	18	26	1	20.8	92	1.9	158	18
24/11/24 12:20	5	12	17	1	20.9	92	0.9	156	35
24/11/24 12:25	4	14	18	1	20.8	93	1.6	156	19
24/11/24 12:30	6	15	21	1	20.9	93	1.6	175	18
24/11/24 12:35	7	18	26	1	21.0	92	1.6	170	20
24/11/24 12:40	8	13	21	1	21.0	92	1.1	159	24
24/11/24 12:45	7	10	17	1	21.2	92	1.6	162	17
24/11/24 12:50	137	25	162	1	21.2	91	1.4	168	18
24/11/24 12:55	21	25	46	1	21.3	91	1.7	167	18
24/11/24 13:00	13	18	31	1	21.3	90	2.1	167	16
24/11/24 13:05	3	7	9	1	21.2	90	1.9	163	18
24/11/24 13:10	6	16	21	1	21.3	90	1.9	173	18
24/11/24 13:15	7	20	27	1	21.3	90	1.9	165	19
24/11/24 13:20	3	4	7	1	21.2	90	1.5	155	18
24/11/24 13:25	2	3	5	1	21.1	90	1.5	152	22
24/11/24 13:30	1	4	5	1	21.3	89	1.1	157	31
24/11/24 13:35	0	3	4	1	21.3	89	1.7	162	22
24/11/24 13:40	1	5	6	1	21.3	89	1.5	169	18
24/11/24 13:45	3	13	16	1	21.4	89	1.6	152	20
24/11/24 13:50	1	3	5	1	21.3	89	1.2	151	28
24/11/24 13:55	1	4	4	1	21.4	89	1.1	160	29
24/11/24 14:00	2	6	8	1	21.4	88	1.1	158	35
24/11/24 14:05	1	6	7	1	21.5	88	1.7	169	21
24/11/24 14:10	3	19	22	1	21.6	87	1.7	173	19
24/11/24 14:15	6	14	20	1	21.8	86	2.0	158	19
24/11/24 14:20	3	7	9	1	21.8	86	1.4	153	25
24/11/24 14:25	1	6	7	1	21.9	85	2.1	156	19
24/11/24 14:30	2	8	10	1	21.9	86	1.6	165	23
24/11/24 14:35	3	10	13	1	22.0	85	2.1	163	18
24/11/24 14:40	3	9	11	1	22.0	84	1.7	157	22
24/11/24 14:45	3	8	11	1	22.2	84	1.2	155	24
24/11/24 14:50	2	7	9	1	22.2	84	1.3	153	25
24/11/24 14:55	2	7	9	1	22.1	83	1.1	161	31
24/11/24 15:00	2	7	9	1	22.3	83	1.3	151	25

Station Pier Ambient Air Quality Monitoring
November 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 (°)
24/11/24 15:05	2	6	8	1	22.2	84	0.8	158	34
24/11/24 15:10	1	4	5	1	22.1	84	1.3	159	30
24/11/24 15:15	0	4	4	1	22.0	85	1.2	149	33
24/11/24 15:20	0	3	4	1	22.0	85	1.2	150	26
24/11/24 15:25	0	2	3	1	22.1	85	1.5	141	19
24/11/24 15:30	0	2	2	1	22.1	85	1.3	158	27
24/11/24 15:35	0	2	2	1	22.1	84	1.6	167	25
24/11/24 15:40	0	2	3	1	22.2	84	1.5	153	23
24/11/24 15:45	1	3	3	1	22.1	84	1.5	171	24
24/11/24 15:50	1	9	10	1	22.3	84	1.7	182	14
24/11/24 15:55	2	6	8	1	22.0	84	3.1	189	9
24/11/24 16:00	1	2	3	1	21.7	86	3.8	188	8
24/11/24 16:05	3	14	17	1	21.4	88	2.4	180	16
24/11/24 16:10	14	23	38	1	21.5	87	1.8	178	17
24/11/24 16:15	14	22	36	1	21.7	87	2.1	164	19
24/11/24 16:20	8	17	24	1	21.6	87	1.9	171	19
24/11/24 16:25	7	13	20	1	21.7	87	1.7	174	22
24/11/24 16:30	5	11	16	1	21.6	87	3.2	187	11
24/11/24 16:35	29	30	59	1	21.4	88	2.0	180	18
24/11/24 16:40	23	23	46	1	21.5	89	1.8	178	20
24/11/24 16:45	10	21	31	1	21.6	89	1.7	167	21
24/11/24 16:50	4	17	21	1	21.4	88	1.6	165	24
24/11/24 16:55	7	22	29	1	21.5	89	3.0	190	7
24/11/24 17:00	5	21	27	1	21.2	90	2.6	189	11
24/11/24 17:05	4	16	20	1	21.0	90	3.5	190	5
24/11/24 17:10	5	20	25	1	21.1	91	2.2	184	16
24/11/24 17:15	12	24	36	1	21.0	91	2.1	188	16
24/11/24 17:20	2	14	16	1	21.0	90	3.2	190	6
24/11/24 17:25	2	18	20	1	20.9	91	3.0	195	6
24/11/24 17:30	2	16	18	1	20.9	92	2.6	196	4
24/11/24 17:35	2	16	18	1	20.8	92	3.4	194	3
24/11/24 17:40	2	18	20	1	20.7	92	2.9	191	6
24/11/24 17:45	2	9	11	1	20.9	92	3.3	190	6
24/11/24 17:50	20	10	29	1	20.9	92	1.7	178	16
24/11/24 17:55	26	16	42	1	21.0	92	2.0	184	16
24/11/24 18:00	1	4	5	1	20.9	91	3.3	191	6
24/11/24 18:05	1	3	3	1	20.7	92	4.0	195	3
24/11/24 18:10	0	2	3	1	20.5	93	4.5	190	4
24/11/24 18:15	0	2	3	1	20.4	93	4.9	191	4
24/11/24 18:20	0	2	3	1	20.1	93	4.3	190	5
24/11/24 18:25	1	2	3	1	19.9	94	3.7	188	7
24/11/24 18:30	1	4	4	1	19.9	94	3.5	188	8
24/11/24 18:35	1	4	5	1	19.8	95	4.6	190	6
24/11/24 18:40	1	4	5	1	19.9	95	5.4	191	5
24/11/24 18:45	1	4	5	1	19.7	95	4.7	188	6
24/11/24 18:50	0	4	4	1	19.5	96	3.8	189	6
24/11/24 18:55	0	4	4	1	19.4	96	3.9	190	6
24/11/24 19:00	0	2	3	1	19.4	96	4.1	190	5
24/11/24 19:05	0	2	2	1	19.3	96	3.5	189	8
24/11/24 19:10	0	2	3	1	19.3	97	3.9	201	9
24/11/24 19:15	0	3	3	1	19.1	97	4.6	201	8
24/11/24 19:20	0	3	3	1	19.1	97	5.0	200	7
24/11/24 19:25	0	3	3	1	19.0	97	5.2	201	5
24/11/24 19:30	0	3	3	1	19.0	98	4.1	199	8
24/11/24 19:35	0	4	4	1	19.1	98	3.9	205	10
24/11/24 19:40	0	4	5	1	19.0	98	4.4	203	7
24/11/24 19:45	0	4	4	1	19.0	98	4.2	213	4
24/11/24 19:50	0	3	4	1	19.0	98	5.2	211	4
24/11/24 19:55	0	3	3	1	19.0	98	5.5	202	6
24/11/24 20:00	0	2	2	1	19.0	98	5.3	202	5
24/11/24 20:05	0	2	2	1	19.1	98	4.6	200	6
24/11/24 20:10	0	2	2	1	19.0	98	4.9	197	5
24/11/24 20:15	0	1	2	1	19.1	98	4.8	196	4
24/11/24 20:20	0	1	2	1	19.2	98	4.5	193	5
24/11/24 20:25	0	2	2	1	19.2	98	4.6	189	7
24/11/24 20:30	0	3	4	1	19.1	98	4.6	187	7
24/11/24 20:35	1	4	4	1	19.2	98	3.5	185	9
24/11/24 20:40	0	3	3	1	19.2	97	4.5	186	6
24/11/24 20:45	0	2	2	1	19.3	97	4.9	188	6
24/11/24 20:50	0	2	2	1	19.3	97	5.0	186	6
24/11/24 20:55	0	2	2	1	19.2	97	4.9	186	6
24/11/24 21:00	0	2	2	1	19.3	97	5.1	185	6
24/11/24 21:05	1	3	4	1	19.3	97	4.8	186	6
24/11/24 21:10	7	2	8	1	19.3	96	4.9	186	5
24/11/24 21:15	4	7	11	1	19.3	96	5.2	186	5
24/11/24 21:20	3	5	8	1	19.2	96	5.4	187	6
24/11/24 21:25	12	7	19	1	19.2	96	5.2	185	6
24/11/24 21:30	67	22	89	1	19.2	96	4.7	185	8
24/11/24 21:35	19	14	33	1	19.2	96	5.1	189	7
24/11/24 21:40	0	2	2	1	19.2	96	4.9	188	7
24/11/24 21:45	0	2	2	1	19.2	96	5.3	188	7
24/11/24 21:50	0	2	2	1	19.2	96	5.9	191	5
24/11/24 21:55	0	2	1	1	19.2	96	6.1	191	4
24/11/24 22:00	0	2	1	1	19.3	96	5.4	192	4

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
24/11/24 22:05	0	1	1	1	19.2	96	4.9	192	6
24/11/24 22:10	0	2	1	1	19.1	96	4.5	189	7
24/11/24 22:15	0	2	2	1	19.1	97	4.7	190	6
24/11/24 22:20	0	2	2	1	19.0	96	4.6	188	6
24/11/24 22:25	0	2	2	1	19.0	97	3.9	187	8
24/11/24 22:30	0	2	2	1	19.1	97	4.0	188	7
24/11/24 22:35	0	2	2	1	19.0	96	3.7	184	8
24/11/24 22:40	0	2	2	1	18.9	96	3.9	187	8
24/11/24 22:45	0	2	2	1	18.9	96	3.0	183	10
24/11/24 22:50	0	2	2	1	19.1	96	3.6	185	8
24/11/24 22:55	0	2	2	1	19.1	96	3.8	185	10
24/11/24 23:00	0	2	2	1	19.0	96	3.7	184	8
24/11/24 23:05	0	2	2	1	18.9	96	4.5	186	7
24/11/24 23:10	0	1	2	1	18.8	96	4.5	189	5
24/11/24 23:15	0	1	1	1	18.9	96	4.1	186	6
24/11/24 23:20	0	1	1	1	18.9	97	5.0	190	6
24/11/24 23:25	0	1	1	1	18.8	97	4.2	187	8
24/11/24 23:30	0	1	1	1	18.7	97	3.9	183	8
24/11/24 23:35	0	1	1	1	18.7	97	4.0	187	7
24/11/24 23:40	0	1	1	1	18.7	97	5.1	188	4
24/11/24 23:45	0	1	1	1	18.7	97	5.1	190	5
24/11/24 23:50	0	1	1		18.7	97	4.6	191	7
24/11/24 23:55	0	1	1		18.7	97	4.4	191	6
25/11/24 00:00	0	1	1	1	18.7	97	4.5	190	6
25/11/24 00:05	0	1	1	1	18.7	97	4.4	191	6
25/11/24 00:10	0	1	1	2	18.8	97	4.2	189	7
25/11/24 00:15	0	1	1	2	18.7	97	4.6	190	5
25/11/24 00:20	0	1	1	2	18.7	97	4.0	185	8
25/11/24 00:25	0	1	1	2	18.8	97	2.6	178	14
25/11/24 00:30	0	1	1	2	18.8	97	2.6	181	11
25/11/24 00:35	0	1	1	2	18.8	97	2.7	184	8
25/11/24 00:40	0	1	1	2	18.8	97	3.0	180	10
25/11/24 00:45	0	1	1	2	18.6	97	3.1	184	12
25/11/24 00:50	0	1	1	2	18.7	97	3.4	182	9
25/11/24 00:55	0	1	1	2	18.7	97	3.2	185	10
25/11/24 01:00	0	1	1	2	18.6	97	3.0	180	11
25/11/24 01:05					18.6	97	3.1	181	8
25/11/24 01:10					18.5	98	2.5	176	15
25/11/24 01:15					18.6	98	2.9	175	12
25/11/24 01:20					18.6	98	3.0	180	10
25/11/24 01:25					18.5	98	3.5	186	10
25/11/24 01:30					18.5	98	3.4	185	9
25/11/24 01:35					18.4	98	3.3	184	10
25/11/24 01:40					18.5	98	3.3	182	11
25/11/24 01:45					18.5	98	2.8	173	16
25/11/24 01:50					18.4	98	3.8	185	11
25/11/24 01:55					18.5	98	3.6	185	8
25/11/24 02:00					18.4	98	3.7	185	7
25/11/24 02:05	0	1	1	2	18.3	98	4.4	188	6
25/11/24 02:10	0	1	1	2	18.4	98	5.1	192	6
25/11/24 02:15	0	1	1	2	18.4	98	4.6	191	7
25/11/24 02:20	0	1	1	2	18.4	98	5.4	192	5
25/11/24 02:25	0	1	1	2	18.3	98	3.6	185	10
25/11/24 02:30	0	1	1	2	18.3	98	4.5	189	6
25/11/24 02:35	0	1	1	2	18.3	98	3.4	185	9
25/11/24 02:40	0	1	1	2	18.4	98	2.5	173	14
25/11/24 02:45	0	1	1	2	18.5	98	2.7	167	18
25/11/24 02:50	0	1	1	2	18.6	98	2.8	172	17
25/11/24 02:55	0	1	1	2	18.4	98	2.8	167	20
25/11/24 03:00	0	1	1	2	18.4	98	3.1	175	14
25/11/24 03:05	0	1	1	2	18.2	98	3.4	177	11
25/11/24 03:10	0	1	1	2	18.3	98	2.8	174	14
25/11/24 03:15	0	1	1	2	18.4	98	2.9	176	15
25/11/24 03:20	0	1	1	2	18.3	98	2.9	175	18
25/11/24 03:25	0	1	1	2	18.2	98	2.6	167	18
25/11/24 03:30	0	1	1	2	18.3	98	2.3	161	25
25/11/24 03:35	0	1	1	2	18.2	98	2.2	170	23
25/11/24 03:40	0	1	1	2	18.1	98	2.5	160	21
25/11/24 03:45	0	1	1	2	18.1	98	2.0	159	28
25/11/24 03:50	0	1	1	2	18.1	98	2.5	175	14
25/11/24 03:55	0	1	1	2	18.0	98	3.2	180	10
25/11/24 04:00	0	1	1	2	18.0	98	3.2	179	11
25/11/24 04:05	0	1	1	2	18.0	98	3.2	182	9
25/11/24 04:10	0	1	1	2	17.8	98	3.1	178	11
25/11/24 04:15	0	1	1	2	17.9	98	2.5	181	11
25/11/24 04:20	0	1	1	2	18.0	98	2.2	177	14
25/11/24 04:25	0	1	1	2	18.0	97	3.0	178	11
25/11/24 04:30	0	1	1	2	17.9	97	3.0	182	12
25/11/24 04:35	0	1	1	2	18.1	98	4.4	191	6
25/11/24 04:40	0	2	2	2	18.0	97	3.7	185	7
25/11/24 04:45	0	2	2	2	17.9	97	3.6	186	9
25/11/24 04:50	0	2	2	2	17.9	97	3.5	181	10
25/11/24 04:55	0	2	2	2	18.0	97	3.0	172	15
25/11/24 05:00	0	2	2	2	18.0	97	2.5	166	22

Station Pier Ambient Air Quality Monitoring
November 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 (°)
25/11/24 05:05	0	2	2	2	18.1	97	2.6	172	20
25/11/24 05:10	0	1	2	2	18.0	97	2.2	162	21
25/11/24 05:15	0	1	1	2	18.1	97	2.3	165	25
25/11/24 05:20	1	2	2	2	18.1	97	2.5	164	22
25/11/24 05:25	7	4	11	2	18.2	97	2.4	167	21
25/11/24 05:30	6	5	11	2	18.2	96	3.0	170	16
25/11/24 05:35	6	3	9	2	18.2	96	2.4	169	20
25/11/24 05:40	2	2	4	2	18.3	96	2.5	173	19
25/11/24 05:45	1	2	3	2	18.2	96	3.5	177	10
25/11/24 05:50	1	3	3	2	18.3	96	2.7	175	15
25/11/24 05:55	1	2	3	2	18.3	96	2.7	175	16
25/11/24 06:00	7	6	13	2	18.2	96	2.8	177	13
25/11/24 06:05	26	9	36	2	18.3	96	2.1	174	21
25/11/24 06:10	27	14	41	2	18.4	96	2.1	176	18
25/11/24 06:15	7	10	17	2	18.3	95	1.8	180	15
25/11/24 06:20	6	7	12	2	18.3	95	2.6	179	12
25/11/24 06:25	4	6	11	2	18.3	95	1.9	176	14
25/11/24 06:30	4	6	11	2	18.3	95	2.0	179	10
25/11/24 06:35	6	10	16	2	18.3	95	1.8	178	15
25/11/24 06:40	9	13	22	2	18.5	95	2.4	184	12
25/11/24 06:45	28	16	43	2	18.2	95	3.7	181	5
25/11/24 06:50	11	12	23	2	18.1	95	3.1	181	7
25/11/24 06:55	7	12	19	2	18.1	96	2.9	182	9
25/11/24 07:00	8	12	20	2	18.0	96	2.4	184	10
25/11/24 07:05	5	7	12	2	18.0	96	2.6	182	4
25/11/24 07:10	4	8	13	2	18.1	96	2.2	190	9
25/11/24 07:15	12	12	24	2	18.2	97	2.7	184	11
25/11/24 07:20	60	15	76	2	18.2	97	2.7	180	9
25/11/24 07:25	28	10	38	3	18.1	97	2.9	182	10
25/11/24 07:30	9	8	17	2	18.0	97	3.0	182	8
25/11/24 07:35	14	13	27	2	18.0	97	2.7	190	11
25/11/24 07:40	32	16	49	2	18.1	97	2.6	190	12
25/11/24 07:45	35	16	51	2	18.0	97	2.7	192	12
25/11/24 07:50	72	32	105	2	18.0	97	3.4	199	12
25/11/24 07:55	19	15	34	2	18.1	97	4.7	201	9
25/11/24 08:00	40	13	53	2	18.1	97	4.6	199	10
25/11/24 08:05	51	3	55	2	18.1	97	4.5	202	10
25/11/24 08:10	37	25	62	2	18.1	97	4.6	204	10
25/11/24 08:15	3	2	5	2	18.1	97	5.1	208	7
25/11/24 08:20	16	16	32	2	18.1	98	4.1	203	8
25/11/24 08:25	34	6	40	2	18.0	98	3.5	202	11
25/11/24 08:30	13	9	22	2	18.1	98	4.6	203	8
25/11/24 08:35	5	9	14	2	18.0	98	5.0	208	7
25/11/24 08:40	10	4	14	2	18.0	97	5.3	205	6
25/11/24 08:45	5	4	9	2	18.0	98	5.2	206	6
25/11/24 08:50	7	5	12	2	17.9	98	5.4	206	7
25/11/24 08:55	23	23	46	2	18.0	98	4.9	206	8
25/11/24 09:00	12	2	14	2	17.9	98	5.0	207	7
25/11/24 09:05	20	15	36	2	17.9	98	5.5	206	6
25/11/24 09:10				2	17.9	98	4.4	201	11
25/11/24 09:15				3	17.9	98	4.5	200	10
25/11/24 09:20	113	32	145	3	17.9	98	4.2	199	10
25/11/24 09:25	159	31	190	3	17.9	98	3.7	197	12
25/11/24 09:30	107	22	128	3	17.9	98	3.4	187	10
25/11/24 09:35	143	1	145	3	17.9	98	3.2	192	14
25/11/24 09:40	128	22	150	3	18.1	98	3.1	186	12
25/11/24 09:45	63	27	90	3	18.0	98	3.2	195	11
25/11/24 09:50	142	7	149	3	18.0	98	3.4	192	10
25/11/24 09:55	76	42	118	2	18.0	98	3.4	190	12
25/11/24 10:00	93	3	96	2	18.0	98	3.9	201	10
25/11/24 10:05	183	3	186	2	18.1	97	2.9	192	14
25/11/24 10:10	50	15	64	2	18.0	97	3.1	187	9
25/11/24 10:15	27	15	42	2	18.1	97	3.4	198	11
25/11/24 10:20	11	9	19	2	18.0	97	4.2	204	8
25/11/24 10:25	4	5	9	2	18.0	97	4.2	209	7
25/11/24 10:30	1	4	5	2	17.9	97	4.2	212	5
25/11/24 10:35	5	5	10	2	17.9	97	3.6	201	9
25/11/24 10:40	5	5	10	2	17.8	97	3.0	202	11
25/11/24 10:45	3	3	6	2	17.9	97	3.7	206	6
25/11/24 10:50	2	2	4	2	17.9	97	3.2	207	8
25/11/24 10:55	2	2	4	2	18.0	97	3.2	205	10
25/11/24 11:00	3	2	5	2	17.7	96	3.9	209	7
25/11/24 11:05	2	3	5	2	17.6	97	4.2	208	11
25/11/24 11:10	11	11	22	2	17.8	97	3.6	201	9
25/11/24 11:15	2	2	4	2	17.8	97	4.0	206	8
25/11/24 11:20	5	9	14	2	17.8	97	3.0	200	12
25/11/24 11:25	1	2	4	2	17.7	97	3.7	211	6
25/11/24 11:30	1	5	7	2	17.6	97	3.3	206	7
25/11/24 11:35	1	4	5	2	17.7	97	3.0	209	5
25/11/24 11:40	1	8	9	2	17.7	97	2.3	196	14
25/11/24 11:45	3	8	11	2	17.9	97	2.5	200	8
25/11/24 11:50	2	3	4	1	17.9	96	3.0	203	9
25/11/24 11:55	2	6	8	2	17.9	96	3.4	205	8
25/11/24 12:00	3	6	9	2	17.9	97	3.2	206	9

Station Pier Ambient Air Quality Monitoring
November 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 (°)
25/11/24 12:05	2	5	7	2	17.9	97	2.5	198	9
25/11/24 12:10	1	1	3	2	18.0	96	2.9	208	7
25/11/24 12:15	1	2	3	2	18.0	96	3.2	216	7
25/11/24 12:20	1	3	4	2	18.1	97	2.8	204	17
25/11/24 12:25	1	2	3	2	18.1	96	3.1	206	6
25/11/24 12:30	1	4	6	2	18.2	96	2.2	199	13
25/11/24 12:35	2	6	7	2	18.2	96	1.7	192	11
25/11/24 12:40	2	6	8	2	18.2	96	2.0	186	13
25/11/24 12:45	2	6	8	2	18.3	96	2.1	200	10
25/11/24 12:50	2	5	6	2	18.2	96	2.8	201	9
25/11/24 12:55	1	3	4	2	18.2	96	2.8	207	8
25/11/24 13:00	1	3	5	2	18.3	96	3.3	207	6
25/11/24 13:05	2	3	5	2	18.3	96	3.1	204	9
25/11/24 13:10	2	3	4	2	18.3	96	3.1	210	4
25/11/24 13:15	1	3	5	2	18.2	96	2.9	214	9
25/11/24 13:20	2	16	18	2	18.4	96	2.6	198	9
25/11/24 13:25	3	9	12	2	18.4	96	3.1	208	7
25/11/24 13:30	2	6	8	2	18.4	96	3.5	210	8
25/11/24 13:35	2	4	6	2	18.4	96	3.7	213	5
25/11/24 13:40	1	3	4	2	18.4	96	3.3	212	6
25/11/24 13:45	1	3	4	2	18.4	97	3.8	206	7
25/11/24 13:50	2	4	5	2	18.5	97	3.9	204	7
25/11/24 13:55	1	4	5	2	18.6	97	4.2	214	5
25/11/24 14:00	1	3	4	2	18.5	96	4.4	219	4
25/11/24 14:05	0	2	3	2	18.6	96	4.2	220	8
25/11/24 14:10	0	2	2	2	18.7	96	4.0	222	6
25/11/24 14:15	0	2	3	2	18.6	96	4.0	230	5
25/11/24 14:20	0	3	3	2	18.5	96	4.4	229	4
25/11/24 14:25	0	3	3	2	18.6	96	4.2	232	5
25/11/24 14:30	0	3	3	2	18.6	96	4.0	229	5
25/11/24 14:35	0	3	3	2	18.5	96	4.2	232	3
25/11/24 14:40	0	3	3	2	18.5	96	3.8	231	7
25/11/24 14:45	0	2	3	2	18.6	96	3.8	223	6
25/11/24 14:50	0	2	3	2	18.6	96	3.8	227	5
25/11/24 14:55	0	2	2	2	18.5	96	3.2	228	6
25/11/24 15:00	17	15	32	2	18.5	96	2.8	203	7
25/11/24 15:05	38	16	55	2	18.6	96	3.4	204	8
25/11/24 15:10	50	9	59	2	18.5	95	3.1	208	9
25/11/24 15:15	17	8	26	2	18.4	96	2.3	200	10
25/11/24 15:20	71	6	77	2	18.6	96	2.3	194	17
25/11/24 15:25	260	49	309	3	18.6	95	2.7	187	7
25/11/24 15:30	98	20	118	3	18.5	95	3.0	196	10
25/11/24 15:35	0	2	2	3	18.7	95	3.1	197	8
25/11/24 15:40	0	2	2	3	18.6	95	2.8	192	7
25/11/24 15:45	0	2	2	2	18.7	95	2.8	204	6
25/11/24 15:50	0	2	2	2	18.7	95	2.8	201	6
25/11/24 15:55	0	3	3	2	18.7	95	2.7	192	4
25/11/24 16:00	0	3	3	2	18.8	95	2.6	189	5
25/11/24 16:05	0	3	3	2	18.7	95	2.6	191	4
25/11/24 16:10	0	4	5	2	18.8	95	1.8	179	13
25/11/24 16:15	1	5	6	2	18.9	95	1.7	168	18
25/11/24 16:20	0	5	5	2	19.0	95	1.7	161	22
25/11/24 16:25	0	4	4	2	19.1	95	1.9	165	18
25/11/24 16:30	0	3	4	2	19.0	95	1.7	175	18
25/11/24 16:35	0	4	4	2	19.1	95	2.0	177	13
25/11/24 16:40	1	5	5	2	19.1	94	1.9	170	18
25/11/24 16:45	1	5	6	2	19.2	94	2.1	178	13
25/11/24 16:50	1	6	6	2	19.2	94	2.2	177	14
25/11/24 16:55	0	6	6	2	19.1	93	2.8	180	10
25/11/24 17:00	0	5	6	2	19.1	93	2.8	177	12
25/11/24 17:05	0	4	5	2	19.1	93	2.5	177	13
25/11/24 17:10	0	4	4	2	19.2	93	2.5	178	11
25/11/24 17:15	0	3	4	2	19.1	94	2.6	176	14
25/11/24 17:20	0	3	3	2	19.1	94	3.2	176	12
25/11/24 17:25	0	3	3	2	19.2	94	2.9	174	13
25/11/24 17:30	0	3	3	2	19.1	94	2.9	177	15
25/11/24 17:35	0	6	6	2	19.2	94	3.3	180	10
25/11/24 17:40	1	9	9	2	19.1	94	3.1	187	9
25/11/24 17:45	1	7	7	2	19.2	94	2.9	183	12
25/11/24 17:50	0	5	6	2	19.2	94	3.5	189	7
25/11/24 17:55	0	5	5	2	19.1	94	3.2	189	5
25/11/24 18:00	1	20	21	2	19.1	94	2.9	187	8
25/11/24 18:05	1	9	10	2	19.1	95	3.6	196	3
25/11/24 18:10	1	4	5	2	19.2	95	2.6	190	7
25/11/24 18:15	1	5	6	2	19.1	95	2.5	186	10
25/11/24 18:20	0	6	7	2	19.1	94	2.1	185	12
25/11/24 18:25	0	7	8	2	19.1	94	2.7	188	6
25/11/24 18:30	0	8	8	2	19.2	94	2.2	184	9
25/11/24 18:35	0	8	8	2	19.2	94	2.3	181	12
25/11/24 18:40	0	9	9	2	19.2	94	1.9	179	14
25/11/24 18:45	0	8	8	2	19.3	94	2.3	178	11
25/11/24 18:50	0	6	7	2	19.3	94	2.4	178	14
25/11/24 18:55	0	5	5	2	19.3	94	2.3	179	15
25/11/24 19:00	0	4	4	2	19.4	94	2.6	178	12

Station Pier Ambient Air Quality Monitoring
November 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 (°)
25/11/24 19:05	0	3	3	2	19.5	94	1.9	179	13
25/11/24 19:10	0	3	3	2	19.4	94	1.9	175	15
25/11/24 19:15	0	2	2	2	19.4	94	2.1	179	10
25/11/24 19:20	0	2	2	2	19.5	94	1.7	182	14
25/11/24 19:25	0	2	2	2	19.4	94	1.6	180	13
25/11/24 19:30	0	2	2	2	19.5	94	1.8	179	11
25/11/24 19:35	0	2	2	2	19.5	94	2.0	181	11
25/11/24 19:40	0	2	2	2	19.6	94	2.3	185	11
25/11/24 19:45	0	2	2	2	19.6	94	2.2	183	12
25/11/24 19:50	0	2	2	2	19.6	94	2.7	184	9
25/11/24 19:55	0	2	2	2	19.5	94	2.7	186	11
25/11/24 20:00	0	2	2	2	19.5	94	2.9	190	9
25/11/24 20:05	0	2	2	2	19.5	95	3.3	190	6
25/11/24 20:10	0	2	2	2	19.4	95	3.1	190	8
25/11/24 20:15	0	2	2	2	19.4	95	3.6	192	6
25/11/24 20:20	0	2	2	2	19.5	95	3.4	189	6
25/11/24 20:25	0	3	3	2	19.4	95	3.0	190	8
25/11/24 20:30	0	3	3	2	19.4	95	3.1	190	7
25/11/24 20:35	0	3	3	2	19.4	95	2.7	192	11
25/11/24 20:40	0	3	3	2	19.5	95	3.8	196	5
25/11/24 20:45	0	3	3	2	19.4	95	3.9	191	5
25/11/24 20:50	0	3	4	2	19.4	95	4.1	195	3
25/11/24 20:55	0	4	4	2	19.4	95	4.3	195	3
25/11/24 21:00	0	4	4	2	19.4	95	3.7	194	5
25/11/24 21:05	0	4	4	2	19.5	95	3.9	191	4
25/11/24 21:10	0	4	4	2	19.3	95	3.1	189	6
25/11/24 21:15	0	4	4	2	19.3	95	3.5	192	5
25/11/24 21:20	0	4	4	2	19.3	95	3.6	192	5
25/11/24 21:25	0	4	4	2	19.3	95	3.4	196	5
25/11/24 21:30	0	3	4	2	19.3	95	3.4	199	4
25/11/24 21:35	0	3	3	2	19.3	95	3.2	195	5
25/11/24 21:40	0	3	3	2	19.3	95	3.7	193	5
25/11/24 21:45	0	3	3	2	19.3	95	3.6	193	5
25/11/24 21:50	0	2	3	2	19.4	95	3.1	193	4
25/11/24 21:55	0	2	3	2	19.3	94	3.0	198	5
25/11/24 22:00	0	2	3	2	19.3	94	2.5	194	4
25/11/24 22:05	0	2	3	2	19.3	94	2.0	188	9
25/11/24 22:10	0	3	3	2	19.2	94	1.9	187	8
25/11/24 22:15	0	2	2	2	19.2	94	1.7	187	11
25/11/24 22:20	0	2	2	2	19.2	94	1.7	185	12
25/11/24 22:25	0	2	2	2	19.3	94	1.3	179	15
25/11/24 22:30	0	2	2	2	19.3	94	1.6	183	11
25/11/24 22:35	0	2	2	2	19.2	94	1.9	195	4
25/11/24 22:40	0	2	2	2	19.2	94	1.6	187	8
25/11/24 22:45	0	1	1	2	19.2	95	1.8	190	7
25/11/24 22:50	0	1	1	2	19.2	95	1.9	193	4
25/11/24 22:55	0	1	1	2	19.1	95	1.5	189	7
25/11/24 23:00	0	1	1	2	19.1	95	1.5	189	8
25/11/24 23:05	0	1	1	2	19.1	96	1.8	191	8
25/11/24 23:10	0	1	1	2	19.0	96	2.1	190	6
25/11/24 23:15	0	1	1	2	19.0	96	2.2	192	6
25/11/24 23:20	0	1	1	2	19.0	96	2.2	202	5
25/11/24 23:25	0	1	1	2	19.0	96	2.2	210	7
25/11/24 23:30	0	1	1	2	19.1	96	2.2	217	7
25/11/24 23:35	0	1	1	2	19.1	96	2.2	218	4
25/11/24 23:40	0	1	1	2	19.1	96	2.0	215	7
25/11/24 23:45	0	1	1	2	19.1	96	2.1	222	5
25/11/24 23:50	0	1	1		19.0	96	2.2	222	7
25/11/24 23:55	0	2	2		19.1	96	2.5	227	6
26/11/24 00:00	0	2	2	2	19.0	96	2.8	225	6
26/11/24 00:05	0	2	2	2	19.0	96	2.8	230	7
26/11/24 00:10	0	3	3	2	19.1	96	2.5	224	9
26/11/24 00:15	0	3	4	2	19.0	96	3.1	213	5
26/11/24 00:20	0	3	3	2	19.0	96	2.8	219	5
26/11/24 00:25	0	2	2	2	19.1	96	2.6	222	5
26/11/24 00:30	0	2	2	2	19.0	96	2.3	220	5
26/11/24 00:35	0	2	2	2	19.0	96	1.8	215	4
26/11/24 00:40	0	2	2	2	18.9	95	1.6	218	3
26/11/24 00:45	0	2	2	2	19.0	95	2.0	217	6
26/11/24 00:50	0	2	2	2	19.0	95	2.2	219	7
26/11/24 00:55	0	2	2	2	19.0	95	2.3	232	4
26/11/24 01:00	0	2	2	2	19.0	95	2.7	226	6
26/11/24 01:05					19.1	96	2.7	220	7
26/11/24 01:10					19.1	96	3.0	215	4
26/11/24 01:15					19.0	96	3.2	216	6
26/11/24 01:20					19.2	96	3.4	213	3
26/11/24 01:25					19.2	96	3.4	212	4
26/11/24 01:30					19.1	96	3.3	213	5
26/11/24 01:35					19.1	96	3.4	215	4
26/11/24 01:40					19.0	96	3.2	219	4
26/11/24 01:45					19.1	96	3.3	219	7
26/11/24 01:50					19.0	96	3.7	223	5
26/11/24 01:55					19.2	96	3.5	222	5
26/11/24 02:00					19.0	96	3.2	232	14

Station Pier Ambient Air Quality Monitoring
November 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 (°)
26/11/24 02:05	1	15	16	2	19.0	96	3.5	247	7
26/11/24 02:10	2	19	21	2	18.8	96	3.2	248	8
26/11/24 02:15	3	17	19	2	18.8	96	3.4	244	8
26/11/24 02:20	3	16	19	2	18.7	96	3.1	256	9
26/11/24 02:25	5	19	24	2	18.7	96	2.8	257	6
26/11/24 02:30	5	17	22	2	18.6	97	2.5	260	9
26/11/24 02:35	3	8	11	2	18.6	97	3.1	257	6
26/11/24 02:40	5	20	25	2	18.5	97	2.8	260	6
26/11/24 02:45	9	20	28	2	18.5	97	2.8	250	10
26/11/24 02:50	5	16	21	2	18.4	97	2.7	252	8
26/11/24 02:55	5	17	23	2	18.5	97	2.7	247	6
26/11/24 03:00	7	19	26	2	18.5	98	2.7	246	6
26/11/24 03:05	6	17	23	2	18.5	98	2.4	251	10
26/11/24 03:10	5	19	24	2	18.5	98	2.5	226	15
26/11/24 03:15	4	4	8	2	18.4	98	3.3	207	9
26/11/24 03:20	1	1	2	2	18.5	98	3.0	199	6
26/11/24 03:25	1	2	3	2	18.4	98	2.8	192	4
26/11/24 03:30	1	6	7	2	18.4	98	3.1	205	5
26/11/24 03:35	1	1	2	2	18.4	98	3.0	204	6
26/11/24 03:40	1	1	2	2	18.4	98	3.1	207	5
26/11/24 03:45	0	1	1	2	18.4	98	3.2	203	5
26/11/24 03:50	0	1	1	2	18.5	98	3.5	201	6
26/11/24 03:55	0	1	1	2	18.3	98	3.5	204	4
26/11/24 04:00	1	13	13	2	18.3	98	3.0	201	6
26/11/24 04:05	1	3	3	2	18.3	98	3.4	210	5
26/11/24 04:10	1	2	2	2	18.2	98	2.8	212	5
26/11/24 04:15	1	2	2	2	18.3	99	2.3	207	6
26/11/24 04:20	1	2	2	2	18.2	99	1.8	220	12
26/11/24 04:25	1	2	2	2	18.2	99	1.8	239	7
26/11/24 04:30	0	2	2	2	18.3	99	1.8	226	9
26/11/24 04:35	0	2	2	2	18.2	99	1.3	231	9
26/11/24 04:40	1	10	11	2	18.3	99	1.4	236	9
26/11/24 04:45	9	16	25	2	18.3	99	2.1	239	8
26/11/24 04:50	1	5	6	2	18.3	99	1.6	242	8
26/11/24 04:55	1	2	3	2	18.3	99	1.6	242	11
26/11/24 05:00	1	5	6	2	18.3	99	1.8	251	8
26/11/24 05:05	1	16	17	2	18.3	99	2.3	238	6
26/11/24 05:10	1	13	14	2	18.2	99	2.4	236	7
26/11/24 05:15	1	12	12	2	18.2	99	3.0	229	6
26/11/24 05:20	1	12	13	2	18.3	99	2.3	237	9
26/11/24 05:25	1	12	13	2	18.3	99	1.3	245	11
26/11/24 05:30	1	13	14	2	18.3	99	1.8	249	11
26/11/24 05:35	1	15	16	2	18.2	99	1.6	243	12
26/11/24 05:40	1	12	12	2	18.2	99	1.4	255	13
26/11/24 05:45	1	19	20	2	18.2	99	1.5	264	9
26/11/24 05:50	2	22	24	2	18.2	99	2.2	259	6
26/11/24 05:55	2	21	23	2	18.2	99	1.9	260	10
26/11/24 06:00	2	18	21	2	18.2	99	1.3	273	12
26/11/24 06:05	2	11	13	2	18.3	99	2.1	265	6
26/11/24 06:10	2	12	14	2	18.2	99	1.2	271	16
26/11/24 06:15	2	14	15	1	18.2	99	1.5	289	7
26/11/24 06:20	2	12	14	1	18.3	99	0.9	277	17
26/11/24 06:25	1	10	11	2	18.1	99	0.9	286	17
26/11/24 06:30	1	8	9	2	18.2	99	1.1	264	12
26/11/24 06:35	1	13	14	2	18.3	99	1.1	267	8
26/11/24 06:40	2	22	24	2	18.3	99	0.9	271	15
26/11/24 06:45	3	24	27	2	18.4	99	0.9	275	14
26/11/24 06:50	5	23	28	2	18.3	99	0.6	289	22
26/11/24 06:55	5	22	27	2	18.3	99	0.3	272	16
26/11/24 07:00	6	21	27	2	18.3	99	0.6	283	20
26/11/24 07:05	6	21	27	2	18.4	99	0.9	280	15
26/11/24 07:10	7	21	27	2	18.4	98	0.9	272	14
26/11/24 07:15	8	21	29	2	18.4	98	1.0	274	15
26/11/24 07:20	9	21	30	2	18.6	98	1.3	269	11
26/11/24 07:25	11	21	31	2	18.6	98	1.2	274	13
26/11/24 07:30	17	22	39	2	18.5	98	1.5	287	13
26/11/24 07:35	17	23	41	2	18.4	98	1.5	284	15
26/11/24 07:40	17	23	40	2	18.5	98	1.1	277	19
26/11/24 07:45	17	23	40	2	18.6	98	1.2	286	15
26/11/24 07:50	18	23	41	2	18.5	98	1.3	282	18
26/11/24 07:55	17	23	40	2	18.6	98	1.9	270	10
26/11/24 08:00	16	22	38	2	18.6	98	1.8	273	9
26/11/24 08:05	15	22	37	2	18.6	97	1.9	287	11
26/11/24 08:10	15	22	36	2	18.6	97	1.5	276	16
26/11/24 08:15	16	22	38	2	18.7	97	1.4	271	16
26/11/24 08:20	17	23	39	2	18.9	97	2.5	255	7
26/11/24 08:25	17	22	39	2	18.8	96	2.4	251	7
26/11/24 08:30	17	22	39	2	18.8	96	1.6	230	11
26/11/24 08:35	19	22	41	2	18.9	96	1.3	226	11
26/11/24 08:40	26	22	47	2	19.1	95	1.5	262	8
26/11/24 08:45	29	22	52	2	19.1	95	1.4	247	8
26/11/24 08:50	26	21	48	2	19.0	95	1.1	250	7
26/11/24 08:55	27	23	50	2	19.2	94	0.8	226	25
26/11/24 09:00	33	25	59	2	19.2	94	0.8	196	5

Station Pier Ambient Air Quality Monitoring
November 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 (°)
26/11/24 09:05	30	25	56	2	19.5	93	0.5	159	37
26/11/24 09:10	20	19	39	2	19.8	93	0.5	133	26
26/11/24 09:15	17	19	36	2	20.0	92	0.6	151	31
26/11/24 09:20	17	19	36	2	20.2	91	0.5	142	35
26/11/24 09:25	17	20	36	2	20.4	89	0.4	135	36
26/11/24 09:30	16	20	36	3	20.4	88	0.5	137	15
26/11/24 09:35	16	19	36	3	20.6	87	1.1	194	20
26/11/24 09:40	17	19	36	3	20.4	87	1.5	196	5
26/11/24 09:45	16	18	34	2	20.2	87	1.8	195	7
26/11/24 09:50	15	18	33	3	20.3	88	1.7	191	6
26/11/24 09:55	16	14	29	3	20.5	88	2.2	192	10
26/11/24 10:00	19	11	30	2	21.0	87	1.1	166	27
26/11/24 10:05	13	12	25	2	21.7	84	1.1	146	29
26/11/24 10:10	10	11	22	2	22.4	80	1.2	149	26
26/11/24 10:15	9	11	19	2	22.5	77	1.4	155	23
26/11/24 10:20	7	11	18	2	22.7	77	0.8	163	37
26/11/24 10:25	7	10	17	2	22.6	77	1.0	148	29
26/11/24 10:30	6	10	16	2	22.2	78	1.4	141	23
26/11/24 10:35	6	10	15	2	22.0	80	1.5	157	25
26/11/24 10:40	6	9	15	2	22.0	80	1.1	153	32
26/11/24 10:45	6	9	15	2	22.3	79	1.0	152	35
26/11/24 10:50	6	9	15	2	22.6	77	1.5	146	29
26/11/24 10:55	6	9	15	2	22.6	78	1.6	156	24
26/11/24 11:00	6	9	15	2	22.7	78	1.8	154	24
26/11/24 11:05	5	9	14	2	22.7	78	1.6	153	28
26/11/24 11:10	5	8	13	2	22.7	77	1.6	161	28
26/11/24 11:15	5	8	12	2	22.8	77	1.9	152	26
26/11/24 11:20	4	7	11	2	22.6	78	1.7	150	31
26/11/24 11:25	4	7	10	2	22.6	79	1.8	163	20
26/11/24 11:30	3	6	10	2	22.8	77	2.1	164	17
26/11/24 11:35	3	6	9	2	22.9	77	2.0	167	19
26/11/24 11:40	3	6	8	2	22.8	76	2.3	177	14
26/11/24 11:45	2	5	8	2	22.7	78	2.4	178	13
26/11/24 11:50	2	5	7	2	22.8	77	2.5	175	13
26/11/24 11:55	2	5	7	2	22.8	77	2.8	179	13
26/11/24 12:00	2	5	7	2	22.5	78	2.9	183	10
26/11/24 12:05	2	5	8	2	22.6	79	2.5	181	13
26/11/24 12:10	2	5	7	2	23.0	77	2.7	181	13
26/11/24 12:15	2	5	7	2	22.8	78	2.6	180	14
26/11/24 12:20	2	5	7	2	23.1	77	2.1	180	17
26/11/24 12:25	2	5	7	2	23.2	76	2.5	177	15
26/11/24 12:30	2	5	6	2	23.4	75	2.4	176	14
26/11/24 12:35	2	5	6	2	23.6	74	2.5	176	14
26/11/24 12:40	2	5	7	2	23.7	74	2.6	171	16
26/11/24 12:45	1	5	6	2	23.4	75	3.0	181	14
26/11/24 12:50	1	5	6	2	23.1	76	3.4	176	11
26/11/24 12:55	1	4	6	2	23.3	75	2.5	174	16
26/11/24 13:00	1	4	5	2	23.6	74	2.7	167	17
26/11/24 13:05	1	3	4	2	23.5	74	2.7	167	17
26/11/24 13:10	1	3	4	2	23.5	74	2.9	161	17
26/11/24 13:15	1	2	3	2	23.3	75	2.9	161	21
26/11/24 13:20	1	2	3	2	23.2	76	2.4	162	25
26/11/24 13:25	0	2	2	2	23.3	75	1.9	156	31
26/11/24 13:30	0	2	2	2	23.3	76	1.7	155	33
26/11/24 13:35	0	1	2	2	23.3	75	1.8	146	37
26/11/24 13:40	0	1	1	2	23.3	75	2.0	163	31
26/11/24 13:45	0	1	1	2	23.1	75	2.9	161	18
26/11/24 13:50	0	1	2	2	23.1	76	1.9	166	34
26/11/24 13:55	0	1	2	2	23.0	76	2.6	156	26
26/11/24 14:00	0	1	2	2	23.0	77	2.9	159	20
26/11/24 14:05	0	1	2	2	23.1	78	2.5	167	18
26/11/24 14:10	0	1	1	2	23.2	77	2.4	171	18
26/11/24 14:15	0	1	2	2	23.2	77	2.6	176	14
26/11/24 14:20	0	2	2	2	23.2	77	2.4	165	22
26/11/24 14:25	0	2	2	2	23.6	76	2.3	160	25
26/11/24 14:30	0	1	1	2	23.9	74	2.6	178	18
26/11/24 14:35	0	1	2	2	24.3	73	2.5	177	18
26/11/24 14:40	0	2	2	2	24.1	73	3.0	177	15
26/11/24 14:45	0	1	2	2	24.1	73	3.0	177	12
26/11/24 14:50	0	1	2	2	24.1	73	2.9	162	21
26/11/24 14:55	0	1	2	2	23.6	75	2.8	163	18
26/11/24 15:00	0	1	2	2	23.3	77	2.7	168	17
26/11/24 15:05	0	1	2	2	23.0	78	3.0	180	13
26/11/24 15:10	0	1	2	2	23.3	79	2.5	174	18
26/11/24 15:15	0	1	1	2	23.6	76	2.2	169	20
26/11/24 15:20	0	1	1	2	23.6	76	2.3	172	20
26/11/24 15:25	0	1	1	2	23.6	77	2.2	174	17
26/11/24 15:30	0	1	1	2	23.9	75	2.4	167	20
26/11/24 15:35	0	1	1	2	23.8	75	2.2	153	22
26/11/24 15:40	0	1	1	2	23.9	75	1.8	151	29
26/11/24 15:45	0	1	1	2	24.1	73	2.4	160	18
26/11/24 15:50	0	1	1	2	24.2	73	2.2	185	17
26/11/24 15:55	0	1	1	2	24.3	73	1.9	181	21
26/11/24 16:00	0	1	1	2	24.7	71	2.0	176	19

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
26/11/24 16:05	0	1	1	2	24.8	70	1.9	177	16
26/11/24 16:10	0	1	1	2	25.4	68	1.7	179	21
26/11/24 16:15	0	1	1	2	25.6	67	2.0	181	19
26/11/24 16:20	0	1	1	2	25.3	68	2.3	189	13
26/11/24 16:25	0	1	2	2	24.4	72	4.5	193	5
26/11/24 16:30	0	2	2	2	23.4	78	5.0	196	3
26/11/24 16:35	1	3	3	2	22.8	82	5.5	198	3
26/11/24 16:40	0	2	2	2	22.5	84	5.6	195	3
26/11/24 16:45	0	2	2	2	22.4	85	4.9	195	3
26/11/24 16:50	0	2	2	2	22.3	84	4.7	195	3
26/11/24 16:55	0	1	2	2	22.6	82	3.9	194	4
26/11/24 17:00	0	1	2	2	22.9	81	2.7	189	12
26/11/24 17:05	0	1	2	2	23.6	76	1.9	160	18
26/11/24 17:10	0	2	2	2	24.3	74	0.9	157	37
26/11/24 17:15	0	2	2	2	25.0	71	1.6	156	19
26/11/24 17:20	0	2	2	2	25.0	70	1.5	165	20
26/11/24 17:25	0	2	2	2	24.9	71	1.6	158	16
26/11/24 17:30	0	1	2	2	24.5	73	1.7	164	16
26/11/24 17:35	0	1	2	2	24.6	75	1.7	170	20
26/11/24 17:40	0	1	2	2	24.3	74	1.9	161	15
26/11/24 17:45	0	2	2	2	24.2	75	1.5	178	21
26/11/24 17:50	0	3	3	2	23.5	78	2.4	203	7
26/11/24 17:55	1	4	5	2	22.8	82	2.3	196	6
26/11/24 18:00	1	8	8	2	22.7	84	2.5	191	8
26/11/24 18:05	0	6	7	2	22.6	84	2.8	192	6
26/11/24 18:10	0	4	5	2	22.5	85	2.5	189	8
26/11/24 18:15	0	4	5	2	22.8	85	2.3	191	9
26/11/24 18:20	0	4	4	2	22.8	84	2.5	183	13
26/11/24 18:25	0	2	3	2	23.0	84	2.2	169	20
26/11/24 18:30	0	2	2	2	23.0	84	1.9	160	25
26/11/24 18:35	0	2	2	2	23.2	84	0.9	150	46
26/11/24 18:40	0	2	3	2	23.2	85	1.9	142	30
26/11/24 18:45	0	3	3	2	23.4	84	2.8	104	19
26/11/24 18:50	0	3	3	2	24.1	80	3.7	105	13
26/11/24 18:55	0	3	4	2	24.8	76	3.9	108	9
26/11/24 19:00	0	4	4	2	25.1	73	5.1	101	8
26/11/24 19:05	0	4	4	2	25.4	72	6.3	101	4
26/11/24 19:10	0	4	4	2	25.3	71	6.2	103	5
26/11/24 19:15	0	4	5	2	25.3	72	5.0	103	6
26/11/24 19:20	0	5	5	2	25.2	72	4.7	105	7
26/11/24 19:25	0	5	5	2	25.2	72	3.4	110	12
26/11/24 19:30	0	5	5	2	25.1	72	2.9	114	16
26/11/24 19:35	0	5	5	2	25.0	72	3.7	109	10
26/11/24 19:40	0	5	5	2	25.1	72	2.8	111	15
26/11/24 19:45	0	5	5	2	25.0	73	2.3	112	16
26/11/24 19:50	0	5	5	2	24.8	73	2.3	112	13
26/11/24 19:55	0	6	6	2	25.0	73	3.7	106	8
26/11/24 20:00	0	6	6	2	24.9	73	3.8	106	5
26/11/24 20:05	0	6	6	2	24.9	74	3.6	102	6
26/11/24 20:10	0	6	6	2	24.9	73	2.8	93	7
26/11/24 20:15	0	6	6	2	25.1	71	4.0	95	9
26/11/24 20:20	0	6	6	2	25.2	71	3.4	90	10
26/11/24 20:25	0	6	6	2	25.2	72	3.2	99	8
26/11/24 20:30	0	6	6	2	25.0	75	2.3	96	12
26/11/24 20:35	0	6	6	2	24.8	74	2.8	89	13
26/11/24 20:40	0	6	6	2	24.9	75	4.0	96	8
26/11/24 20:45	0	6	6	2	24.8	76	3.1	91	8
26/11/24 20:50	0	6	5	2	24.8	76	2.1	87	18
26/11/24 20:55	0	6	5	2	24.8	75	1.1	68	15
26/11/24 21:00	0	6	6	2	24.9	75	1.3	88	18
26/11/24 21:05	0	6	6	2	24.9	76	1.4	98	15
26/11/24 21:10	0	6	6	2	24.8	78	1.3	87	12
26/11/24 21:15	1	6	7	2	24.6	77	1.2	56	24
26/11/24 21:20	1	6	7	2	24.7	77	1.1	33	20
26/11/24 21:25	0	6	7	2	24.7	78	1.3	47	15
26/11/24 21:30	0	7	7	2	24.7	78	1.4	43	13
26/11/24 21:35	0	7	7	2	24.6	78	1.3	61	11
26/11/24 21:40	0	8	8	2	24.7	78	0.8	70	21
26/11/24 21:45	0	8	8	2	24.6	78	0.9	56	12
26/11/24 21:50	0	8	8	2	24.6	79	1.4	54	13
26/11/24 21:55	0	8	8	2	24.5	79	1.4	73	15
26/11/24 22:00	0	8	8	2	24.5	79	1.3	89	11
26/11/24 22:05	0	8	9	2	24.4	80	1.2	61	10
26/11/24 22:10	0	9	9	2	24.4	79	1.1	55	13
26/11/24 22:15	0	9	9	2	24.3	79	1.2	61	12
26/11/24 22:20	0	9	9	2	24.4	80	1.6	45	9
26/11/24 22:25	0	9	9	1	24.2	80	0.8	49	19
26/11/24 22:30	0	10	10	1	24.2	80	0.8	14	26
26/11/24 22:35	0	10	10	1	24.1	81	0.7	10	25
26/11/24 22:40	0	11	11	1	24.0	81	1.3	20	19
26/11/24 22:45	0	12	12	2	24.0	81	1.7	12	21
26/11/24 22:50	0	12	12	2	24.1	81	1.2	345	31
26/11/24 22:55	0	12	12	2	24.0	81	0.9	322	36
26/11/24 23:00	0	12	12	2	23.9	81	1.4	299	22

Station Pier Ambient Air Quality Monitoring
November 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 (°)
26/11/24 23:05	0	13	14	2	23.8	81	1.3	306	21
26/11/24 23:10	0	19	20	2	23.7	80	0.5	325	43
26/11/24 23:15	1	26	26	2	23.6	80	0.8	10	31
26/11/24 23:20	1	27	28	2	23.5	80	0.6	338	23
26/11/24 23:25	1	28	29	2	23.4	80	0.4	17	35
26/11/24 23:30	2	29	31	2	23.3	80	1.0	35	14
26/11/24 23:35	2	29	31	2	23.2	81	1.0	53	13
26/11/24 23:40	2	29	31	2	23.2	80	1.0	29	17
26/11/24 23:45	3	28	31	2	23.1	80	0.8	354	18
26/11/24 23:50	2	28	30		23.1	81	0.9	327	19
26/11/24 23:55	2	28	30		23.1	81	0.6	329	22
27/11/24 00:00	2	28	30	2	23.0	81	1.2	303	13
27/11/24 00:05	2	28	30	2	22.9	81	1.2	298	16
27/11/24 00:10	2	28	30	2	23.0	80	0.5	342	44
27/11/24 00:15	2	28	30	2	23.0	81	0.8	314	19
27/11/24 00:20	2	29	31	2	22.9	81	0.5	325	40
27/11/24 00:25	3	29	32	1	22.8	81	1.2	321	23
27/11/24 00:30	4	29	34	1	22.8	81	1.1	299	18
27/11/24 00:35	5	29	34	2	22.8	81	1.3	293	19
27/11/24 00:40	5	29	34	1	22.8	81	1.1	293	17
27/11/24 00:45	5	29	34	1	22.8	81	0.4	4	37
27/11/24 00:50	5	29	34	1	22.9	81	0.6	334	22
27/11/24 00:55	5	30	34	2	22.8	80	0.5	333	35
27/11/24 01:00	5	30	35	2	22.8	80	0.3	357	32
27/11/24 01:05					22.8	81	0.5	308	22
27/11/24 01:10					22.7	81	0.9	345	19
27/11/24 01:15					22.7	80	0.7	336	20
27/11/24 01:20					22.7	80	0.9	1	13
27/11/24 01:25					22.6	81	1.1	351	15
27/11/24 01:30					22.6	81	0.5	20	27
27/11/24 01:35					22.7	81	0.2	50	35
27/11/24 01:40					22.7	82	0.2	295	29
27/11/24 01:45					22.7	82	0.4	249	29
27/11/24 01:50					22.6	83	0.5	263	9
27/11/24 01:55					22.6	84	0.8	236	4
27/11/24 02:00					22.6	84	1.3	239	9
27/11/24 02:05	5	30	36	2	22.5	85	1.6	243	6
27/11/24 02:10	5	30	34	2	22.5	86	1.8	254	5
27/11/24 02:15	4	29	33	2	22.5	86	2.0	266	6
27/11/24 02:20	8	28	36	2	22.6	86	1.6	270	10
27/11/24 02:25	32	30	63	2	22.6	85	1.5	274	12
27/11/24 02:30	29	30	59	2	22.6	84	0.6	280	15
27/11/24 02:35	18	33	51	1	22.5	84	0.5	259	11
27/11/24 02:40	18	31	49	1	22.7	84	0.8	268	11
27/11/24 02:45	17	31	48	2	22.6	84	0.6	289	7
27/11/24 02:50	16	31	47	1	22.8	84	0.5	296	11
27/11/24 02:55	15	31	46	1	22.7	84	0.3	313	73
27/11/24 03:00	16	30	45	1	22.8	85	1.5	344	34
27/11/24 03:05	8	25	33	2	23.0	83	2.6	353	28
27/11/24 03:10	1	17	19	2	23.1	83	1.7	3	35
27/11/24 03:15	1	16	17	2	22.9	85	1.8	16	30
27/11/24 03:20	0	13	14	1	22.7	87	2.0	22	26
27/11/24 03:25	0	9	9	1	22.5	88	3.3	20	19
27/11/24 03:30	0	6	6	1	22.3	88	2.9	22	21
27/11/24 03:35	0	5	6	1	22.3	88	2.9	29	15
27/11/24 03:40	0	5	5	1	22.2	89	2.1	33	14
27/11/24 03:45	0	5	5	1	22.2	90	1.8	70	15
27/11/24 03:50	0	5	5	1	22.0	92	1.9	55	19
27/11/24 03:55	0	5	5	1	22.1	92	1.7	53	15
27/11/24 04:00	0	5	5	1	21.9	93	2.1	51	17
27/11/24 04:05	0	5	5	1	21.9	93	2.2	53	15
27/11/24 04:10	0	5	5	1	21.7	93	1.8	56	17
27/11/24 04:15	0	5	5	1	21.8	94	1.4	67	15
27/11/24 04:20	0	5	4	1	21.7	94	1.6	58	15
27/11/24 04:25	0	5	5	1	21.7	94	1.8	57	13
27/11/24 04:30	0	5	5	1	21.7	94	1.5	56	14
27/11/24 04:35	0	5	5	1	21.6	94	1.4	58	18
27/11/24 04:40	0	5	5	1	21.5	94	1.2	45	20
27/11/24 04:45	0	6	6	1	21.6	94	2.2	32	25
27/11/24 04:50	0	6	7	1	21.7	92	2.8	29	18
27/11/24 04:55	0	7	7	1	21.9	91	3.0	28	18
27/11/24 05:00	0	7	7	1	22.1	89	2.3	17	22
27/11/24 05:05	0	7	8	1	22.2	89	2.8	12	21
27/11/24 05:10	0	8	8	1	22.1	88	2.6	9	23
27/11/24 05:15	0	7	8	1	22.1	88	2.8	0	24
27/11/24 05:20	0	7	7	1	22.2	88	2.9	348	33
27/11/24 05:25	0	7	8	1	22.2	89	1.7	317	36
27/11/24 05:30	0	9	9	1	21.9	91	3.9	284	17
27/11/24 05:35	0	13	13	1	21.5	93	2.7	297	25
27/11/24 05:40	0	11	11	1	21.5	94	2.7	305	26
27/11/24 05:45	0	11	11	1	21.4	94	2.1	321	31
27/11/24 05:50	0	11	12	1	21.5	94	2.3	335	27
27/11/24 05:55	0	12	12	1	21.4	95	2.1	323	29
27/11/24 06:00	0	12	12	1	21.4	95	1.8	316	32

Station Pier Ambient Air Quality Monitoring
November 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 (°)
27/11/24 06:05	0	12	13	1	21.2	95	1.9	317	29
27/11/24 06:10	0	13	13	1	21.3	95	2.0	324	25
27/11/24 06:15	0	13	14	1	21.3	94	1.7	333	33
27/11/24 06:20	0	14	14	1	21.3	94	1.5	348	38
27/11/24 06:25	1	14	15	1	21.5	95	2.4	1	24
27/11/24 06:30	1	16	18	1	21.5	95	2.1	6	29
27/11/24 06:35	1	16	18	1	21.5	95	2.4	10	26
27/11/24 06:40	2	15	16	1	21.4	94	3.1	4	22
27/11/24 06:45	1	14	15	1	21.6	93	3.2	8	19
27/11/24 06:50	1	12	14	1	21.6	93	2.4	12	23
27/11/24 06:55	1	12	13	1	21.7	92	3.4	360	24
27/11/24 07:00	1	11	12	1	21.5	90	2.7	337	35
27/11/24 07:05	1	12	13	1	21.6	89	2.9	346	25
27/11/24 07:10	2	15	17	1	21.7	90	3.5	360	17
27/11/24 07:15	11	5	16	1	21.6	90	2.3	4	24
27/11/24 07:20	3	11	13	1	21.6	90	2.9	2	23
27/11/24 07:25	1	10	11	1	21.6	89	2.2	15	23
27/11/24 07:30	1	11	12	1	21.7	89	2.6	0	25
27/11/24 07:35	1	11	13	1	21.7	88	2.5	2	32
27/11/24 07:40	2	12	14	1	21.9	87	2.4	358	22
27/11/24 07:45	2	13	15	1	22.0	87	2.4	3	20
27/11/24 07:50	2	15	17	1	22.1	87	2.1	351	24
27/11/24 07:55	3	18	21	1	22.1	87	1.6	349	24
27/11/24 08:00	3	17	20	1	22.1	87	1.9	357	26
27/11/24 08:05	3	18	21	1	22.4	87	1.9	353	28
27/11/24 08:10	3	18	22	1	22.6	87	1.5	343	28
27/11/24 08:15	4	18	22	1	22.7	85	2.3	350	21
27/11/24 08:20	4	18	22	0	22.9	84	1.7	343	33
27/11/24 08:25	4	19	23	1	23.0	84	1.4	326	34
27/11/24 08:30	5	20	26	1	23.1	83	1.7	3	31
27/11/24 08:35	7	25	32	1	23.2	83	1.8	358	30
27/11/24 08:40	8	26	34	1	23.5	82	1.8	8	25
27/11/24 08:45	5	16	22	1	23.6	81	1.7	16	24
27/11/24 08:50	4	17	21	1	23.8	81	1.9	14	21
27/11/24 08:55	4	16	20	1	23.8	80	1.9	1	24
27/11/24 09:00	4	15	19	1	23.9	80	1.5	354	35
27/11/24 09:05	4	14	18	2	24.2	80	1.4	358	32
27/11/24 09:10	4	15	19	2	24.4	79	1.3	340	30
27/11/24 09:15	5	16	21	2	24.6	78	1.6	338	38
27/11/24 09:20	6	15	21	2	25.0	76	2.4	316	32
27/11/24 09:25	5	12	17	2	25.6	74	1.8	327	39
27/11/24 09:30	5	4	9	2	26.1	71	4.0	317	26
27/11/24 09:35	4	4	7	2	26.2	70	2.8	313	27
27/11/24 09:40	3	5	8	1	26.1	71	2.7	322	33
27/11/24 09:45	2	5	8	2	26.1	70	3.8	330	29
27/11/24 09:50	2	5	8	2	26.1	69	4.5	319	27
27/11/24 09:55	2	5	7	1	26.3	70	3.8	332	32
27/11/24 10:00	2	5	7	1	26.7	68	3.9	340	31
27/11/24 10:05	2	5	7	1	27.1	67	4.4	349	28
27/11/24 10:10	3	5	8	1	27.1	66	4.3	349	25
27/11/24 10:15	2	5	7	1	26.9	66	3.4	341	37
27/11/24 10:20	2	5	7	1	27.4	65	5.5	355	21
27/11/24 10:25	2	6	8	1	27.5	65	3.5	350	33
27/11/24 10:30	3	6	9	1	27.5	65	4.3	353	25
27/11/24 10:35	3	6	9	1	27.5	64	4.4	347	33
27/11/24 10:40	2	6	8	1	27.8	64	4.6	359	21
27/11/24 10:45	2	6	8	1	27.9	63	4.2	355	25
27/11/24 10:50	2	6	8	1	28.0	62	4.2	353	28
27/11/24 10:55	2	6	8	1	28.0	63	4.2	356	26
27/11/24 11:00	2	6	8	1	28.2	62	3.7	1	23
27/11/24 11:05	2	6	8	1	28.6	60	5.2	359	18
27/11/24 11:10	2	6	8	1	28.6	59	4.1	324	33
27/11/24 11:15	2	6	8	1	28.6	58	5.0	321	27
27/11/24 11:20	2	6	8	1	28.8	58	3.7	358	31
27/11/24 11:25	2	6	8	1	28.9	56	4.2	319	24
27/11/24 11:30	2	5	7	1	28.9	55	3.4	323	31
27/11/24 11:35	2	5	7	1	28.9	55	3.5	325	30
27/11/24 11:40	2	5	6	1	29.1	54	3.3	349	35
27/11/24 11:45	2	5	7	1	29.4	53	3.8	332	38
27/11/24 11:50	2	5	6	1	29.2	52	3.4	327	29
27/11/24 11:55	1	4	6	1	29.3	52	3.7	303	27
27/11/24 12:00	1	5	6	1	29.4	51	5.4	299	19
27/11/24 12:05	2	5	6	1	29.2	51	4.4	308	26
27/11/24 12:10	1	5	6	1	29.4	50	4.6	320	26
27/11/24 12:15	1	4	6	1	29.5	49	5.8	298	14
27/11/24 12:20	1	4	5	1	29.4	50	4.7	307	25
27/11/24 12:25	1	4	5	1	29.6	49	3.5	309	28
27/11/24 12:30	1	4	5	1	29.9	47	3.9	316	24
27/11/24 12:35	1	4	5	1	29.9	47	4.4	304	19
27/11/24 12:40	1	4	5	1	29.8	47	3.4	309	30
27/11/24 12:45	1	4	5	1	29.9	46	2.6	325	34
27/11/24 12:50	1	4	5	1	30.4	44	5.0	309	24
27/11/24 12:55	1	4	5	1	30.3	44	5.4	298	18
27/11/24 13:00	1	4	5	1	29.9	46	5.5	286	18

Station Pier Ambient Air Quality Monitoring
November 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 (°)
27/11/24 13:05	1	4	5	1	29.9	47	4.7	288	20
27/11/24 13:10	1	4	5	1	28.8	52	6.8	271	12
27/11/24 13:15	1	5	6	1	26.8	60	6.7	271	11
27/11/24 13:20	1	6	8	1	25.9	56	10.7	266	8
27/11/24 13:25	1	7	8	1	24.5	60	8.7	265	9
27/11/24 13:30	1	7	8	1	23.7	67	6.6	254	5
27/11/24 13:35	2	8	10	1	24.2	69	5.1	259	4
27/11/24 13:40	2	9	11	1	25.1	64	5.7	258	7
27/11/24 13:45	2	10	12	1	25.8	60	6.3	270	12
27/11/24 13:50	2	13	15	1	24.6	67	9.5	267	13
27/11/24 13:55	2	4	6	1	21.6	78	5.7	249	8
27/11/24 14:00	2	4	5	1	21.1	81	2.4	244	12
27/11/24 14:05	2	6	7	1	21.6	79	1.5	261	19
27/11/24 14:10	2	8	10	1	22.2	77	1.3	262	13
27/11/24 14:15	3	12	15	1	23.2	76	1.5	272	18
27/11/24 14:20	5	22	27	1	24.7	73	1.2	326	32
27/11/24 14:25	5	17	23	1	25.9	63	2.4	301	23
27/11/24 14:30	4	14	18	1	26.1	63	1.9	298	22
27/11/24 14:35	3	12	15	1	26.1	62	2.3	269	16
27/11/24 14:40	2	11	13	1	25.5	66	4.1	261	5
27/11/24 14:45	2	13	15	1	25.1	68	4.6	266	6
27/11/24 14:50	2	13	15	1	25.1	69	5.4	272	13
27/11/24 14:55	2	12	14	1	24.7	74	3.6	281	16
27/11/24 15:00	2	11	13	1	25.0	75	1.6	309	39
27/11/24 15:05	2	10	13	1	25.9	76	3.4	43	15
27/11/24 15:10	3	10	12	1	26.1	73	3.4	45	16
27/11/24 15:15	3	9	12	1	26.3	70	2.6	43	23
27/11/24 15:20	3	9	12	1	26.7	68	2.2	37	19
27/11/24 15:25	3	9	12	1	27.1	65	2.3	33	23
27/11/24 15:30	3	9	11	1	27.7	62	0.9	5	47
27/11/24 15:35	4	9	12	1	28.0	63	0.7	341	71
27/11/24 15:40	2	10	12	1	28.0	63	1.9	345	44
27/11/24 15:45	1	10	11	1	27.6	63	1.3	285	33
27/11/24 15:50	1	11	12	1	27.4	65	1.8	264	19
27/11/24 15:55	2	13	15	1	26.9	66	2.9	265	12
27/11/24 16:00	2	12	15	1	25.9	68	5.4	199	14
27/11/24 16:05	3	11	14	1	23.6	79	8.4	193	8
27/11/24 16:10	4	10	13	1	22.5	85	6.3	186	8
27/11/24 16:15	5	7	12	1	22.3	87	5.3	180	11
27/11/24 16:20	2	6	8	1	22.2	89	3.8	182	10
27/11/24 16:25	5	6	10	1	21.7	90	5.7	194	16
27/11/24 16:30	4	7	11	1	21.6	91	2.8	248	42
27/11/24 16:35	2	14	16	1	21.7	91	1.9	234	52
27/11/24 16:40	4	10	15	1	21.5	91	3.5	174	18
27/11/24 16:45	14	14	28	1	21.2	92	4.7	188	9
27/11/24 16:50	5	13	18	1	20.9	93	5.1	187	7
27/11/24 16:55	6	17	22	1	20.6	93	5.8	189	10
27/11/24 17:00	11	13	24	1	20.6	93	5.5	192	9
27/11/24 17:05	4	7	11	1	20.6	93	5.1	183	10
27/11/24 17:10	4	4	9	1	20.7	93	7.7	207	11
27/11/24 17:15	1	2	3	1	20.6	95	7.3	209	20
27/11/24 17:20	1	1	2	1	20.4	96	6.1	206	6
27/11/24 17:25	0	1	2	1	20.3	96	5.4	197	5
27/11/24 17:30	1	4	5	1	20.3	96	4.8	196	5
27/11/24 17:35	1	4	5	1	20.3	95	6.4	197	6
27/11/24 17:40	7	16	23	1	20.2	95	5.6	189	9
27/11/24 17:45	5	6	10	1	20.1	95	6.5	184	7
27/11/24 17:50	5	2	7	1	19.9	94	6.1	187	8
27/11/24 17:55	7	4	11	1	19.9	94	5.6	182	10
27/11/24 18:00	2	4	6	1	19.9	94	6.0	183	11
27/11/24 18:05	2	4	6	1	19.8	93	5.4	185	9
27/11/24 18:10	2	6	8	1	19.8	92	5.2	184	9
27/11/24 18:15	8	6	15	1	19.9	91	5.6	182	11
27/11/24 18:20	5	7	12	1	19.8	90	5.3	178	12
27/11/24 18:25	7	8	15	1	19.8	90	4.9	180	11
27/11/24 18:30	3	3	6	1	20.0	92	3.8	174	18
27/11/24 18:35	1	2	3	1	20.0	91	3.8	167	17
27/11/24 18:40	1	2	3	1	19.9	90	4.0	171	17
27/11/24 18:45	1	2	2	1	19.9	90	3.6	169	20
27/11/24 18:50	11	10	21	1	19.7	90	4.0	179	13
27/11/24 18:55	2	3	5	1	19.8	90	3.5	160	21
27/11/24 19:00	0	0	1	1	19.7	90	4.5	135	17
27/11/24 19:05	0	0	1	1	19.5	91	4.9	128	12
27/11/24 19:10	0	0	1	1	19.4	90	4.6	143	17
27/11/24 19:15	0	0	1	1	19.4	90	5.7	130	15
27/11/24 19:20	0	1	1	1	19.3	89	6.9	128	9
27/11/24 19:25	0	1	1	1	19.5	89	6.1	129	9
27/11/24 19:30	0	1	1	1	19.5	89	3.5	147	23
27/11/24 19:35	0	1	1	1	19.6	90	2.6	165	18
27/11/24 19:40	0	1	1	1	19.7	90	3.4	176	15
27/11/24 19:45	0	1	2	1	19.8	90	3.0	169	21
27/11/24 19:50	1	2	2	1	19.9	90	3.2	172	19
27/11/24 19:55	1	5	6	1	19.7	89	2.9	180	14
27/11/24 20:00	1	4	6	1	19.7	89	3.1	176	14

Station Pier Ambient Air Quality Monitoring
November 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 (°)
27/11/24 20:05	2	3	4	1	19.7	90	2.7	176	17
27/11/24 20:10	1	1	2	1	19.5	88	3.1	178	13
27/11/24 20:15	1	1	2	1	19.4	88	3.0	170	18
27/11/24 20:20	2	6	8	1	19.4	88	4.1	190	7
27/11/24 20:25	4	7	10	1	19.3	88	4.1	188	8
27/11/24 20:30	2	6	8	1	19.3	87	4.6	183	6
27/11/24 20:35	1	7	8	1	19.3	87	4.8	189	7
27/11/24 20:40	2	2	4	1	19.3	86	8.5	204	7
27/11/24 20:45	1	0	1	1	19.0	86	8.1	209	5
27/11/24 20:50	3	3	6	1	19.0	84	6.2	190	9
27/11/24 20:55	4	5	8	1	18.8	82	5.6	185	7
27/11/24 21:00	7	6	13	1	18.9	82	5.0	189	7
27/11/24 21:05	5	5	11	1	18.8	81	4.8	184	9
27/11/24 21:10	3	5	7	1	18.7	82	4.6	179	9
27/11/24 21:15	8	5	14	1	18.7	84	4.4	180	10
27/11/24 21:20	1	5	6	1	18.5	84	3.3	171	14
27/11/24 21:25	0	4	5	1	18.5	84	3.5	174	16
27/11/24 21:30	0	4	4	1	18.5	84	2.8	162	22
27/11/24 21:35	0	3	3	1	18.4	85	2.4	156	25
27/11/24 21:40	0	2	3	1	18.3	85	3.6	137	19
27/11/24 21:45	0	2	2	1	18.1	84	3.9	133	15
27/11/24 21:50	0	2	2	1	18.2	84	3.9	135	15
27/11/24 21:55	0	2	2	1	18.0	84	2.9	124	21
27/11/24 22:00	0	2	2	1	18.1	85	3.4	136	13
27/11/24 22:05	0	2	2	1	18.2	85	3.7	106	16
27/11/24 22:10	0	2	2	1	18.0	84	3.5	103	9
27/11/24 22:15	0	2	2	1	18.1	82	2.5	121	15
27/11/24 22:20	0	2	3	1	18.0	82	2.6	122	17
27/11/24 22:25	0	3	3	1	18.1	82	2.1	108	16
27/11/24 22:30	0	3	3	1	18.1	82	2.0	108	17
27/11/24 22:35	0	2	3	1	18.1	81	2.4	114	15
27/11/24 22:40	0	2	3	1	18.1	81	2.6	114	16
27/11/24 22:45	0	2	3	1	18.2	82	2.9	104	9
27/11/24 22:50	0	2	3	1	18.3	83	2.5	102	9
27/11/24 22:55	0	3	3	1	18.1	83	2.1	89	8
27/11/24 23:00	0	3	3	1	18.1	83	1.8	91	6
27/11/24 23:05	0	3	3	1	18.1	84	1.5	83	8
27/11/24 23:10	0	3	3	1	18.1	84	1.9	89	10
27/11/24 23:15	0	4	4	1	18.0	85	2.4	96	7
27/11/24 23:20	0	4	4	1	18.2	85	2.3	94	6
27/11/24 23:25	0	4	4	1	18.1	85	2.2	81	7
27/11/24 23:30	0	4	4	1	18.0	85	1.8	82	9
27/11/24 23:35	0	4	4	1	18.0	85	1.3	63	21
27/11/24 23:40	0	4	4	1	18.1	85	2.4	66	10
27/11/24 23:45	0	5	5	1	18.1	85	1.0	46	22
27/11/24 23:50	0	5	5		18.2	85	1.2	78	16
27/11/24 23:55	0	5	6		18.1	85	0.9	94	18
28/11/24 00:00	0	6	6	1	18.2	85	0.9	148	18
28/11/24 00:05	0	6	7	1	18.3	86	0.6	166	29
28/11/24 00:10	0	7	7	1	18.3	85	0.8	159	17
28/11/24 00:15	0	7	7	2	18.2	85	0.8	153	24
28/11/24 00:20	0	7	7	2	18.3	85	0.8	117	26
28/11/24 00:25	0	7	7	2	18.2	85	0.6	123	39
28/11/24 00:30	0	7	7	2	18.3	85	0.7	150	26
28/11/24 00:35	0	6	6	2	18.3	84	0.7	151	31
28/11/24 00:40	0	6	6	2	18.3	83	0.7	187	22
28/11/24 00:45	0	6	6	2	18.3	83	0.4	126	31
28/11/24 00:50	0	5	5	2	18.2	83	0.2	114	63
28/11/24 00:55	0	5	5	2	18.3	84	0.6	164	24
28/11/24 01:00	0	5	5	2	18.2	83	0.7	148	26
28/11/24 01:05					18.3	83	0.8	114	18
28/11/24 01:10					18.3	83	1.6	95	13
28/11/24 01:15					18.3	83	2.0	83	4
28/11/24 01:20					18.3	83	1.3	84	11
28/11/24 01:25					18.2	81	1.3	75	11
28/11/24 01:30					18.2	81	1.2	68	11
28/11/24 01:35					18.1	81	1.7	77	10
28/11/24 01:40					18.1	81	1.3	53	19
28/11/24 01:45					18.1	81	1.5	41	11
28/11/24 01:50					18.0	82	1.1	36	10
28/11/24 01:55					18.1	82	1.3	50	10
28/11/24 02:00					18.1	82	1.1	48	14
28/11/24 02:05	0	5	5	2	18.1	82	1.0	45	10
28/11/24 02:10	0	5	5	2	18.1	83	1.2	48	12
28/11/24 02:15	0	5	5	2	18.1	82	1.1	53	14
28/11/24 02:20	0	5	5	2	18.1	81	0.8	51	15
28/11/24 02:25	0	5	5	2	18.3	81	0.7	68	11
28/11/24 02:30	0	5	5	2	18.2	81	0.9	68	19
28/11/24 02:35	0	5	5	2	18.2	81	0.9	87	11
28/11/24 02:40	0	5	5	2	18.2	81	1.0	92	5
28/11/24 02:45	0	5	5	2	18.1	82	1.0	92	4
28/11/24 02:50	0	5	5	2	18.1	82	0.8	88	8
28/11/24 02:55	0	5	5	2	18.0	82	0.3	49	17
28/11/24 03:00	0	5	5	2	18.0	83	0.2	96	38

Station Pier Ambient Air Quality Monitoring
November 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 (°)
28/11/24 03:05	0	5	5	2	17.9	83	0.3	139	28
28/11/24 03:10	0	5	5	2	17.8	84	0.6	188	13
28/11/24 03:15	0	5	5	2	17.9	84	1.3	189	10
28/11/24 03:20	0	6	6	2	18.2	83	2.2	204	9
28/11/24 03:25	0	7	7	2	18.4	83	3.2	220	8
28/11/24 03:30	0	6	6	2	18.3	82	3.3	225	4
28/11/24 03:35	0	6	6	2	18.4	82	3.4	227	6
28/11/24 03:40	0	5	6	2	18.4	81	3.0	234	6
28/11/24 03:45	0	4	4	2	18.3	77	3.1	232	5
28/11/24 03:50	0	3	4	2	18.3	75	2.9	230	6
28/11/24 03:55	0	3	3	2	18.4	75	2.5	236	6
28/11/24 04:00	0	3	3	2	18.4	72	2.7	234	6
28/11/24 04:05	0	3	3	2	18.5	72	2.4	228	7
28/11/24 04:10	0	5	5	2	18.6	74	2.0	240	13
28/11/24 04:15	0	7	7	2	18.4	77	2.5	252	9
28/11/24 04:20	1	13	15	2	18.4	79	3.0	245	7
28/11/24 04:25	6	14	20	2	18.2	80	2.9	250	4
28/11/24 04:30	6	14	20	2	18.2	80	2.9	252	5
28/11/24 04:35	5	18	23	2	18.2	81	2.8	239	8
28/11/24 04:40	3	9	13	2	18.2	79	3.6	226	4
28/11/24 04:45	1	5	6	2	18.3	79	3.6	223	4
28/11/24 04:50	0	5	6	2	18.2	79	3.6	224	5
28/11/24 04:55	0	5	5	2	18.3	80	3.9	221	5
28/11/24 05:00	0	4	4	2	18.4	77	3.8	216	4
28/11/24 05:05	0	3	4	2	18.5	76	3.1	220	5
28/11/24 05:10	9	6	15	2	18.5	76	3.4	212	6
28/11/24 05:15	0	1	1	2	18.6	75	3.7	216	5
28/11/24 05:20	0	1	1	2	18.4	75	3.2	214	7
28/11/24 05:25	0	1	1	2	18.5	75	3.4	216	7
28/11/24 05:30	0	1	1	2	18.5	76	3.2	224	8
28/11/24 05:35	0	1	1	2	18.3	77	2.5	220	6
28/11/24 05:40	0	2	2	3	18.3	78	2.6	219	6
28/11/24 05:45	0	3	4	3	18.3	78	2.5	216	8
28/11/24 05:50	0	3	3	2	18.4	77	1.9	213	10
28/11/24 05:55	0	3	3	2	18.4	76	2.1	214	7
28/11/24 06:00	0	2	3	2	18.4	76	2.5	212	5
28/11/24 06:05	0	2	2	2	18.4	77	2.4	206	6
28/11/24 06:10	0	2	2	2	18.4	77	2.2	205	9
28/11/24 06:15	0	2	2	2	18.5	76	2.1	205	6
28/11/24 06:20	0	2	2	2	18.7	77	2.1	218	13
28/11/24 06:25	0	2	2	2	18.4	77	2.0	238	8
28/11/24 06:30	0	2	3	2	18.4	78	2.0	252	5
28/11/24 06:35	3	21	24	2	18.3	77	1.4	240	7
28/11/24 06:40	6	15	21	2	18.5	77	1.6	240	7
28/11/24 06:45	1	4	5	2	18.5	75	1.2	237	11
28/11/24 06:50	1	5	6	3	18.5	75	0.6	241	21
28/11/24 06:55	3	13	16	3	18.6	76	0.5	279	19
28/11/24 07:00	7	14	21	2	18.5	76	0.8	263	12
28/11/24 07:05	11	13	24	2	18.5	75	0.6	258	12
28/11/24 07:10	13	15	28	3	18.6	74	0.6	234	10
28/11/24 07:15	14	14	28	3	18.9	72	1.1	223	7
28/11/24 07:20	12	13	25	3	19.0	71	1.0	212	8
28/11/24 07:25	9	9	18	3	19.4	70	1.0	198	11
28/11/24 07:30	4	4	8	3	19.9	69	0.9	177	27
28/11/24 07:35	2	3	5	3	20.5	67	0.7	174	37
28/11/24 07:40	2	3	5	3	20.6	66	1.1	192	17
28/11/24 07:45	1	3	5	3	20.5	67	0.8	177	29
28/11/24 07:50	1	3	4	3	21.1	66	1.0	173	32
28/11/24 07:55	1	3	4	3	20.7	66	2.0	198	8
28/11/24 08:00	1	2	4	3	20.1	68	2.3	195	4
28/11/24 08:05	1	2	3	3	19.8	70	2.3	202	7
28/11/24 08:10	1	2	3	3	19.6	71	2.7	197	5
28/11/24 08:15	1	2	3	3	19.6	72	3.0	196	7
28/11/24 08:20	1	2	3	3	19.8	71	3.6	193	5
28/11/24 08:25	1	2	3	3	19.5	73	3.9	202	5
28/11/24 08:30	1	2	3	3	19.4	74	3.7	201	5
28/11/24 08:35	1	2	3	3	19.2	75	4.2	194	4
28/11/24 08:40	1	2	3	3	19.2	76	4.0	200	5
28/11/24 08:45	1	2	3	3	19.2	76	4.2	197	5
28/11/24 08:50	9	4	12	3	19.2	75	4.3	198	4
28/11/24 08:55	2	3	4	3	19.2	75	4.3	200	5
28/11/24 09:00	1	3	3	3	19.3	76	4.3	200	5
28/11/24 09:05	1	3	3	3	19.3	75	3.9	198	7
28/11/24 09:10	1	2	3	3	19.3	75	4.1	195	5
28/11/24 09:15	1	2	3	3	19.4	75	3.6	193	6
28/11/24 09:20	1	2	3	2	19.6	74	3.2	190	5
28/11/24 09:25	1	2	3	2	19.9	74	2.0	174	25
28/11/24 09:30	2	3	4	2	20.5	70	2.0	190	17
28/11/24 09:35	1	3	4	3	20.5	71	1.6	177	19
28/11/24 09:40	1	2	4	3	20.9	69	1.1	173	30
28/11/24 09:45	1	2	3	3	21.5	65	1.2	146	26
28/11/24 09:50	1	2	3	3	21.8	64	1.2	137	30
28/11/24 09:55	4	12	16	3	22.0	64	1.9	141	20
28/11/24 10:00	4	4	8	3	21.9	64	1.3	162	29

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 (°)
28/11/24 10:05	2	3	5	3	22.0	66	1.9	174	21
28/11/24 10:10	2	3	5	3	22.2	64	1.9	162	19
28/11/24 10:15	1	3	5	3	22.4	64	2.1	164	20
28/11/24 10:20	1	3	4	3	22.1	63	1.8	168	21
28/11/24 10:25	1	2	3	3	22.3	63	1.8	166	22
28/11/24 10:30	1	2	3	3	22.3	62	2.4	169	16
28/11/24 10:35	1	2	3	3	22.3	63	2.3	169	18
28/11/24 10:40	1	2	3	3	22.1	63	2.7	181	11
28/11/24 10:45	1	2	3	3	21.4	65	4.0	193	6
28/11/24 10:50	1	2	3	3	20.5	67	4.3	193	4
28/11/24 10:55	1	2	3	3	20.2	67	4.1	193	5
28/11/24 11:00	1	2	3	3	20.2	69	4.3	193	4
28/11/24 11:05	1	2	3	3	20.7	68	2.9	182	13
28/11/24 11:10	1	2	2	2	21.2	66	3.2	187	13
28/11/24 11:15	1	2	2	2	21.3	65	2.6	176	17
28/11/24 11:20	1	2	2	2	21.8	64	2.8	180	14
28/11/24 11:25	1	2	3	2	22.0	63	2.4	176	18
28/11/24 11:30	1	2	3	2	22.3	62	2.7	175	15
28/11/24 11:35	0	2	2	2	22.6	62	2.8	174	14
28/11/24 11:40	0	2	2	2	22.4	61	3.1	174	15
28/11/24 11:45	0	2	2	2	22.3	61	3.1	176	16
28/11/24 11:50	0	2	2	2	22.4	61	2.9	173	15
28/11/24 11:55	0	1	2	2	22.6	59	2.9	169	15
28/11/24 12:00	0	1	2	3	22.7	60	2.9	169	19
28/11/24 12:05	0	1	2	3	22.6	61	3.2	175	13
28/11/24 12:10	0	1	2	3	22.4	61	3.0	175	13
28/11/24 12:15	0	1	2	3	22.9	60	2.7	174	16
28/11/24 12:20	0	1	1	3	22.9	59	2.8	173	14
28/11/24 12:25	0	1	1	3	23.1	59	2.6	173	16
28/11/24 12:30	0	1	1	3	23.2	60	2.9	175	11
28/11/24 12:35	0	1	1	2	23.2	61	2.7	174	14
28/11/24 12:40	0	1	1	2	23.2	60	3.0	172	18
28/11/24 12:45	0	1	1	2	23.2	61	3.0	170	14
28/11/24 12:50	0	1	1	2	23.4	60	3.2	174	14
28/11/24 12:55	0	1	1	2	23.1	60	3.6	177	13
28/11/24 13:00	0	1	1	2	22.7	59	3.8	179	9
28/11/24 13:05	0	1	1	2	22.9	61	3.5	177	13
28/11/24 13:10	0	1	1	2	23.0	61	3.7	176	12
28/11/24 13:15	0	1	1	2	23.2	61	3.1	176	11
28/11/24 13:20	0	1	1	3	23.5	59	3.3	174	14
28/11/24 13:25	0	1	1	3	23.3	59	3.8	161	19
28/11/24 13:30	0	1	1	2	23.2	59	4.1	160	19
28/11/24 13:35	0	1	1	3	23.2	59	4.1	158	16
28/11/24 13:40	0	1	1	3	23.1	63	3.1	156	27
28/11/24 13:45	0	1	1	3	23.2	64	3.4	161	22
28/11/24 13:50	0	1	1	3	23.4	64	4.0	159	22
28/11/24 13:55	0	1	1	2	23.6	65	3.9	162	15
28/11/24 14:00	0	1	1	2	23.7	65	3.5	173	17
28/11/24 14:05	0	1	1	2	23.7	64	3.6	173	16
28/11/24 14:10	0	1	1	2	23.7	65	3.3	176	12
28/11/24 14:15	0	1	1	2	23.7	65	3.5	174	16
28/11/24 14:20	0	1	1	2	23.8	65	3.5	173	15
28/11/24 14:25	0	1	1	2	23.6	66	4.1	173	14
28/11/24 14:30	0	1	1	2	23.2	67	5.0	181	11
28/11/24 14:35	0	1	1	2	23.1	67	4.7	175	11
28/11/24 14:40	0	1	1	2	23.4	68	4.1	177	13
28/11/24 14:45	0	1	1	2	23.5	67	3.8	175	14
28/11/24 14:50	0	1	1	2	23.7	67	3.6	172	14
28/11/24 14:55	0	1	1	3	23.7	66	4.6	178	12
28/11/24 15:00	0	1	1	3	23.6	66	4.1	177	12
28/11/24 15:05	0	1	1	3	23.6	67	4.0	179	10
28/11/24 15:10	0	1	1	2	23.7	67	4.0	177	13
28/11/24 15:15	0	1	1	2	23.6	67	4.0	177	13
28/11/24 15:20	0	1	1	2	23.9	67	4.0	176	16
28/11/24 15:25	0	1	1	2	23.9	67	3.9	179	13
28/11/24 15:30	0	1	1	2	23.7	67	4.3	177	13
28/11/24 15:35	0	1	1	2	23.6	68	5.0	178	11
28/11/24 15:40	0	1	1	3	23.5	69	4.4	176	11
28/11/24 15:45	0	1	1	2	23.7	69	4.1	178	13
28/11/24 15:50	0	1	1	2	23.7	68	4.1	178	14
28/11/24 15:55	0	1	1	2	23.9	68	3.6	175	14
28/11/24 16:00	0	1	1	2	23.9	68	3.4	177	13
28/11/24 16:05	0	1	1	2	24.0	68	3.4	172	15
28/11/24 16:10	0	1	1	2	24.4	67	2.9	173	14
28/11/24 16:15	0	1	1	2	24.4	66	3.4	178	14
28/11/24 16:20	0	1	1	2	24.4	68	4.1	172	17
28/11/24 16:25	0	1	1	2	24.4	66	3.5	168	19
28/11/24 16:30	0	1	1	2	24.6	66	3.8	172	15
28/11/24 16:35	0	1	1	2	24.5	65	4.8	161	17
28/11/24 16:40	0	1	1	2	24.2	65	4.5	160	19
28/11/24 16:45	0	1	1	2	24.1	66	3.6	154	25
28/11/24 16:50	0	1	1	2	24.0	66	3.6	156	28
28/11/24 16:55	0	1	1	2	23.9	68	3.3	160	23
28/11/24 17:00	0	1	2	2	24.0	68	4.3	161	20

Station Pier Ambient Air Quality Monitoring
November 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 (°)
28/11/24 17:05	0	1	2	2	24.0	68	4.1	157	24
28/11/24 17:10	0	1	2	2	23.9	68	3.9	158	22
28/11/24 17:15	0	1	1	2	23.8	68	4.9	159	21
28/11/24 17:20	0	1	2	2	23.7	69	4.5	161	20
28/11/24 17:25	0	1	2	2	23.7	69	4.5	157	22
28/11/24 17:30	0	1	2	2	23.7	69	4.4	163	17
28/11/24 17:35	0	1	2	2	23.7	70	4.3	160	21
28/11/24 17:40	0	1	2	2	23.6	70	4.1	158	20
28/11/24 17:45	0	1	2	2	23.6	70	4.4	159	24
28/11/24 17:50	0	1	2	2	23.5	71	4.4	162	21
28/11/24 17:55	0	2	2	2	23.5	72	4.6	164	16
28/11/24 18:00	0	2	2	3	23.2	72	4.9	162	16
28/11/24 18:05	0	2	2	2	23.2	73	4.5	160	21
28/11/24 18:10	0	2	2	2	23.3	74	4.0	160	21
28/11/24 18:15	0	2	1	2	23.2	75	3.8	161	24
28/11/24 18:20	0	2	1	2	23.1	75	4.0	163	18
28/11/24 18:25	0	2	1	2	23.0	75	4.3	164	16
28/11/24 18:30	0	2	2	2	22.9	76	3.6	163	24
28/11/24 18:35	0	1	2	2	22.8	76	3.6	160	22
28/11/24 18:40	0	1	1	2	22.9	76	2.9	163	25
28/11/24 18:45	0	1	1	2	22.9	77	3.0	159	26
28/11/24 18:50	0	1	1	2	22.8	77	3.2	165	22
28/11/24 18:55	0	1	1	2	22.8	78	4.0	156	18
28/11/24 19:00	0	1	1	2	22.7	79	2.6	161	29
28/11/24 19:05	0	1	1	2	22.6	79	3.6	161	20
28/11/24 19:10	0	1	1	2	22.5	78	3.7	135	27
28/11/24 19:15	0	1	1	2	22.6	73	6.1	129	9
28/11/24 19:20	0	1	2	2	22.6	74	5.9	126	11
28/11/24 19:25	0	1	2	2	22.6	74	5.0	126	15
28/11/24 19:30	0	2	2	2	22.5	76	3.7	118	20
28/11/24 19:35	0	2	2	2	22.3	76	6.1	129	10
28/11/24 19:40	0	2	2	2	22.2	77	5.7	127	10
28/11/24 19:45	0	2	2	2	22.1	76	5.4	124	11
28/11/24 19:50	0	2	2	3	22.1	77	4.2	119	16
28/11/24 19:55	0	2	2	2	22.0	78	6.0	131	11
28/11/24 20:00	0	2	2	2	21.8	78	4.3	119	17
28/11/24 20:05	0	2	2	2	21.9	77	4.7	121	14
28/11/24 20:10	0	2	2	3	21.7	78	5.2	127	10
28/11/24 20:15	0	2	2	2	21.6	79	4.7	123	17
28/11/24 20:20	0	2	2	2	21.5	78	4.5	125	11
28/11/24 20:25	0	2	2	2	21.5	79	4.2	124	12
28/11/24 20:30	0	2	2	2	21.5	79	3.5	122	17
28/11/24 20:35	0	2	3	2	21.4	79	3.8	124	14
28/11/24 20:40	0	3	3	2	21.4	79	3.5	122	14
28/11/24 20:45	0	3	3	2	21.4	79	4.1	127	13
28/11/24 20:50	0	3	3	2	21.4	79	3.1	125	16
28/11/24 20:55	0	3	3	2	21.3	79	4.0	129	11
28/11/24 21:00	0	3	3	2	21.4	80	3.8	130	16
28/11/24 21:05	0	3	4	2	21.4	80	4.1	127	16
28/11/24 21:10	0	4	4	2	21.4	79	3.8	133	17
28/11/24 21:15	0	4	4	2	21.3	80	4.0	134	13
28/11/24 21:20	0	4	4	2	21.3	80	3.6	133	19
28/11/24 21:25	0	4	4	2	21.4	81	3.8	131	16
28/11/24 21:30	0	4	4	2	21.3	80	4.3	132	17
28/11/24 21:35	0	4	5	2	21.2	80	4.4	133	14
28/11/24 21:40	0	4	5	2	21.3	80	4.6	128	12
28/11/24 21:45	0	5	5	2	21.3	79	3.4	113	20
28/11/24 21:50	0	5	5	2	21.4	80	4.1	132	16
28/11/24 21:55	0	5	5	2	21.2	79	4.7	125	16
28/11/24 22:00	0	6	6	2	21.2	79	3.6	116	20
28/11/24 22:05	0	6	6	2	21.2	80	3.8	122	15
28/11/24 22:10	0	7	7	2	21.2	79	3.8	119	19
28/11/24 22:15	0	8	8	2	21.1	79	4.0	117	18
28/11/24 22:20	0	8	8	2	21.1	79	4.4	117	16
28/11/24 22:25	0	8	8	3	21.1	79	3.4	112	18
28/11/24 22:30	0	9	9	3	21.1	79	3.9	105	15
28/11/24 22:35	0	8	8	3	21.1	79	4.7	108	11
28/11/24 22:40	0	8	8	3	21.1	80	3.0	112	18
28/11/24 22:45	0	8	8	3	21.0	80	5.0	102	10
28/11/24 22:50	0	8	8	3	20.8	81	4.3	103	11
28/11/24 22:55	0	8	8	3	20.8	81	4.7	106	7
28/11/24 23:00	0	7	8	3	20.7	81	4.6	109	11
28/11/24 23:05	0	7	7	3	20.6	82	3.8	107	11
28/11/24 23:10	0	7	7	3	20.6	83	4.5	104	12
28/11/24 23:15	0	6	7	3	20.6	83	4.6	107	8
28/11/24 23:20	0	6	6	3	20.5	83	4.7	102	10
28/11/24 23:25	0	6	6	3	20.5	84	5.2	102	8
28/11/24 23:30	0	5	5	3	20.4	83	5.3	101	7
28/11/24 23:35	0	5	5	3	20.3	83	4.7	101	9
28/11/24 23:40	0	4	4	3	20.3	84	4.2	98	9
28/11/24 23:45	0	4	4	3	20.3	84	5.2	101	8
28/11/24 23:50	0	3	4		20.3	83	5.8	97	6
28/11/24 23:55	0	3	3		20.3	83	5.3	96	8
29/11/24 00:00	0	3	3	3	20.3	84	5.4	99	6

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
29/11/24 00:05	0	2	2	3	20.3	84	4.1	94	9
29/11/24 00:10	0	2	2	3	20.3	83	5.5	95	8
29/11/24 00:15	0	2	2	3	20.3	83	4.9	97	9
29/11/24 00:20	0	2	2	2	20.2	83	4.4	95	8
29/11/24 00:25	0	2	2	2	20.3	83	3.1	87	15
29/11/24 00:30	0	2	2	2	20.1	83	3.2	90	11
29/11/24 00:35	0	2	2	2	20.2	83	3.2	92	12
29/11/24 00:40	0	2	2	2	20.1	83	3.5	91	12
29/11/24 00:45	0	2	2	2	20.1	83	3.4	91	10
29/11/24 00:50	0	2	1	2	20.2	83	3.3	92	7
29/11/24 00:55	0	2	1	2	20.2	84	3.1	94	10
29/11/24 01:00	0	2	2	2	20.2	84	3.5	97	9
29/11/24 01:05					20.1	84	3.7	98	10
29/11/24 01:10					20.2	84	3.2	94	10
29/11/24 01:15					20.1	84	2.8	89	12
29/11/24 01:20					20.1	84	2.4	92	11
29/11/24 01:25					20.0	84	2.0	90	13
29/11/24 01:30					20.0	84	2.5	90	16
29/11/24 01:35					20.0	85	2.6	100	7
29/11/24 01:40					20.0	85	2.7	97	7
29/11/24 01:45					20.1	85	2.8	98	6
29/11/24 01:50					20.1	85	3.2	98	8
29/11/24 01:55					20.0	85	2.8	95	9
29/11/24 02:00					20.0	85	2.6	97	12
29/11/24 02:05	0	2	2	2	19.9	85	3.0	98	9
29/11/24 02:10	0	2	2	2	19.9	85	2.6	91	8
29/11/24 02:15	0	2	2	2	19.8	85	2.9	92	8
29/11/24 02:20	0	2	2	2	19.9	85	2.9	91	10
29/11/24 02:25	0	2	2	2	19.8	86	2.8	91	7
29/11/24 02:30	0	2	2	1	19.8	86	2.5	94	8
29/11/24 02:35	0	2	2	2	19.8	86	2.1	91	12
29/11/24 02:40	0	2	2	2	19.7	86	2.2	95	8
29/11/24 02:45	0	2	2	1	19.7	87	2.7	96	8
29/11/24 02:50	0	2	2	2	19.8	87	2.3	95	13
29/11/24 02:55	0	2	2	2	19.7	87	2.2	89	10
29/11/24 03:00	0	2	2	2	19.6	87	2.4	92	9
29/11/24 03:05	0	2	2	2	19.6	87	1.9	89	10
29/11/24 03:10	0	2	2	2	19.6	87	2.1	92	11
29/11/24 03:15	0	2	2	2	19.6	87	2.0	92	10
29/11/24 03:20	0	2	2	1	19.7	88	1.7	91	8
29/11/24 03:25	0	2	2	2	19.6	87	1.6	84	11
29/11/24 03:30	0	2	2	2	19.5	87	1.5	82	10
29/11/24 03:35	0	2	2	2	19.4	87	1.2	81	14
29/11/24 03:40	0	2	2	2	19.4	88	1.4	99	9
29/11/24 03:45	0	2	2	2	19.4	88	1.7	96	11
29/11/24 03:50	0	2	2	2	19.4	88	1.5	100	12
29/11/24 03:55	0	2	2	2	19.5	88	1.5	92	9
29/11/24 04:00	0	2	2	1	19.4	88	1.6	92	12
29/11/24 04:05	0	2	2	1	19.4	88	1.5	92	10
29/11/24 04:10	0	2	2	2	19.3	88	1.4	86	12
29/11/24 04:15	0	2	2	2	19.3	88	1.2	83	11
29/11/24 04:20	0	2	2	2	19.3	88	1.1	78	14
29/11/24 04:25	0	2	2	2	19.3	88	1.3	87	14
29/11/24 04:30	0	2	2	2	19.3	88	1.4	90	16
29/11/24 04:35	0	2	3	2	19.3	88	1.1	78	11
29/11/24 04:40	0	3	3	1	19.2	88	1.5	92	11
29/11/24 04:45	0	3	3	1	19.3	88	1.2	87	11
29/11/24 04:50	0	3	3	1	19.2	88	1.3	85	16
29/11/24 04:55	0	3	3	1	19.2	89	1.2	79	11
29/11/24 05:00	0	4	4	1	19.2	88	1.3	70	14
29/11/24 05:05	1	4	5	1	19.2	88	1.6	86	11
29/11/24 05:10				1	19.2	88	1.1	80	15
29/11/24 05:15	2	6	8	1	19.2	88	1.8	90	12
29/11/24 05:20	1	6	7	1	19.4	88	1.4	89	12
29/11/24 05:25	1	6	7	1	19.4	87	2.1	90	7
29/11/24 05:30	1	6	7	1	19.5	86	1.3	77	17
29/11/24 05:35	2	8	10	1	19.6	85	1.5	78	15
29/11/24 05:40	3	16	19	2	19.8	84	1.5	88	12
29/11/24 05:45	8	12	20	1	20.0	84	1.9	96	12
29/11/24 05:50	2	7	9	1	20.1	83	2.8	98	8
29/11/24 05:55	2	7	9	1	20.2	82	1.9	90	10
29/11/24 06:00	2	7	9	1	20.3	81	1.8	84	10
29/11/24 06:05	2	7	9	2	20.3	81	1.9	97	11
29/11/24 06:10	2	7	9	2	20.4	81	2.3	96	13
29/11/24 06:15	2	7	9	2	20.4	80	1.9	82	13
29/11/24 06:20	3	7	10	1	20.3	81	2.0	91	9
29/11/24 06:25	5	7	12	2	20.5	81	2.3	101	7
29/11/24 06:30	4	8	13	2	20.4	81	2.3	100	3
29/11/24 06:35	5	9	13	2	20.5	81	1.5	105	15
29/11/24 06:40	5	8	13	2	20.8	79	2.4	103	8
29/11/24 06:45	5	8	13	2	21.0	78	2.0	103	10
29/11/24 06:50	5	8	13	2	21.4	77	1.4	110	19
29/11/24 06:55	6	8	14	2	21.6	75	1.4	112	20
29/11/24 07:00	6	8	14	2	21.6	75	1.4	125	18

Station Pier Ambient Air Quality Monitoring									
November 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 (°)
29/11/24 07:05				2	21.7	74	1.1	119	24
29/11/24 07:10	15	11	26	2	21.9	73	1.4	124	21
29/11/24 07:15	5	8	13	2	22.2	73	1.8	110	14
29/11/24 07:20	5	8	13	2	22.3	71	1.5	125	20
29/11/24 07:25	5	7	12	2	22.3	71	1.2	127	23
29/11/24 07:30	6	8	14	2	22.3	71	1.3	122	17
29/11/24 07:35	7	9	16	2	22.5	71	1.3	125	25
29/11/24 07:40	5	7	12	2	22.4	72	1.1	141	30
29/11/24 07:45	5	8	13	2	22.6	70	1.1	144	26
29/11/24 07:50	5	7	11	2	22.6	70	1.2	156	25
29/11/24 07:55	6	8	14	2	22.6	72	1.2	188	13
29/11/24 08:00	7	8	15	2	22.6	71	1.1	141	24
29/11/24 08:05	7	8	16	2	23.0	69	1.2	170	25
29/11/24 08:10	7	6	14	1	22.7	71	1.4	185	15
29/11/24 08:15	8	6	14	1	23.1	69	0.9	166	26
29/11/24 08:20	5	5	10	1	23.6	67	1.2	158	26
29/11/24 08:25	6	5	11	1	23.8	68	1.5	193	15
29/11/24 08:30	6	8	14	1	23.4	69	2.2	191	9
29/11/24 08:35	6	7	14	1	22.8	72	2.5	194	8
29/11/24 08:40	5	5	10	1	22.6	73	2.0	200	10
29/11/24 08:45	5	4	10	1	22.2	74	2.5	209	5
29/11/24 08:50	3	4	8	2	22.0	75	2.3	212	4
29/11/24 08:55	3	5	8	2	21.9	75	2.5	205	5
29/11/24 09:00	3	5	8	2	22.2	74	2.8	207	4
29/11/24 09:05	4	7	11	2	22.1	75	3.2	211	4
29/11/24 09:10	7	15	22	2	22.2	76	3.2	204	5
29/11/24 09:15	14	15	29	2	22.2	74	3.1	199	5
29/11/24 09:20	9	11	20	2	22.4	74	3.1	200	5
29/11/24 09:25	8	7	15	2	22.5	74	3.0	198	6
29/11/24 09:30	7	6	14	2	22.8	73	3.1	195	7
29/11/24 09:35	6	6	13	2	22.6	74	3.5	199	6
29/11/24 09:40	5	6	12	2	22.6	74	3.6	201	6
29/11/24 09:45	4	6	10	2	22.4	76	3.7	203	4
29/11/24 09:50	4	5	9	2	22.4	76	3.6	202	5
29/11/24 09:55	4	5	9	2	22.4	76	3.5	201	6
29/11/24 10:00	4	7	11	2	22.5	75	3.6	195	8
29/11/24 10:05	4	8	12	2	22.8	75	3.3	191	10
29/11/24 10:10	4	8	12	2	22.8	75	3.8	199	6
29/11/24 10:15	5	10	15	2	22.8	75	3.3	192	11
29/11/24 10:20	7	7	14	1	23.3	73	3.1	185	11
29/11/24 10:25	9	10	19	1	23.6	71	2.5	181	14
29/11/24 10:30	21	16	37	1	24.1	70	2.4	182	15
29/11/24 10:35	7	12	19	1	24.1	70	3.0	186	12
29/11/24 10:40	9	16	25	1	23.8	72	3.6	191	8
29/11/24 10:45	21	22	43	1	23.7	72	4.0	196	6
29/11/24 10:50	21	19	40	1	23.4	73	4.0	194	7
29/11/24 10:55	18	14	31	1	23.4	74	4.2	197	7
29/11/24 11:00	16	13	29	2	23.4	74	3.6	194	8
29/11/24 11:05	16	15	31	2	23.4	73	4.2	198	4
29/11/24 11:10	20	19	38	1	23.3	75	4.2	200	4
29/11/24 11:15	23	18	41	2	23.4	76	3.4	194	9
29/11/24 11:20	29	21	50	2	23.6	76	3.9	194	8
29/11/24 11:25	23	22	44	2	23.7	75	4.1	199	7
29/11/24 11:30	18	12	31	2	23.5	77	3.7	197	7
29/11/24 11:35	25	22	47	2	23.6	76	3.8	200	8
29/11/24 11:40	13	13	26	1	23.5	76	4.2	200	5
29/11/24 11:45	13	14	27	1	23.6	76	4.1	200	5
29/11/24 11:50	14	18	31	2	23.7	76	4.1	200	7
29/11/24 11:55	11	17	27	2	23.7	76	4.2	202	5
29/11/24 12:00	11	9	20	2	23.8	77	4.1	200	6
29/11/24 12:05	10	16	26	2	23.6	77	4.0	199	5
29/11/24 12:10	19	18	37	2	23.8	76	3.9	194	7
29/11/24 12:15	25	15	40	2	24.0	75	4.0	197	7
29/11/24 12:20	26	20	45	2	24.0	75	3.8	197	8
29/11/24 12:25	18	17	35	2	24.0	77	4.1	197	6
29/11/24 12:30	24	17	42	2	24.1	76	3.6	196	8
29/11/24 12:35	29	24	54	2	24.0	75	3.5	198	8
29/11/24 12:40	25	21	46	2	24.2	76	3.7	199	9
29/11/24 12:45	16	19	35	2	24.2	76	4.5	199	5
29/11/24 12:50	21	15	36	2	24.1	76	4.1	197	8
29/11/24 12:55	21	20	40	2	24.3	75	3.7	196	9
29/11/24 13:00	24	18	42	2	24.4	76	4.2	200	6
29/11/24 13:05	13	14	28	2	24.2	77	4.8	201	5
29/11/24 13:10	14	19	33	2	24.1	78	4.1	198	6
29/11/24 13:15	27	25	51	2	24.4	76	3.8	195	8
29/11/24 13:20	32	11	43	2	24.5	76	3.9	198	8
29/11/24 13:25	30	28	59	2	24.5	77	4.0	197	6
29/11/24 13:30	35	11	45	2	24.4	77	3.9	198	8
29/11/24 13:35	49	19	68	2	24.5	76	3.8	198	8
29/11/24 13:40	54	22	76	2	24.4	76	3.9	199	8
29/11/24 13:45	51	21	72	2	24.5	77	4.2	200	7
29/11/24 13:50	85	45	130	3	24.6	76	4.2	198	8
29/11/24 13:55	26	13	39	3	24.3	78	4.6	203	4
29/11/24 14:00	17	19	36	3	24.2	79	4.9	204	6

Station Pier Ambient Air Quality Monitoring

November 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 (°)
29/11/24 14:05	24	18	42	2	24.2	79	4.5	205	5
29/11/24 14:10	39	16	55	2	24.2	79	4.4	205	6
29/11/24 14:15	40	27	67	2	24.5	77	4.3	205	6
29/11/24 14:20	39	30	69	2	24.6	77	4.0	203	10
29/11/24 14:25	62	30	92	2	24.8	78	4.1	200	7
29/11/24 14:30	82	32	114	2	24.9	78	4.0	199	8
29/11/24 14:35	52	28	80	2	25.2	75	4.3	192	8
29/11/24 14:40	5	9	14	2	25.7	73	3.8	190	11
29/11/24 14:45	4	8	12	2	26.1	72	3.6	187	12
29/11/24 14:50	4	7	11	2	26.4	71	3.5	181	16
29/11/24 14:55	2	3	5	2	26.9	69	3.3	179	14
29/11/24 15:00	1	2	4	2	27.3	68	2.9	176	18
29/11/24 15:05	1	3	4	2	27.7	66	3.2	178	17
29/11/24 15:10	1	3	4	2	27.7	66	3.1	172	18
29/11/24 15:15	1	3	3	2	28.1	65	3.3	171	17
29/11/24 15:20	1	3	3	2	28.0	64	3.5	163	21
29/11/24 15:25	1	3	3	2	27.8	65	4.2	159	17
29/11/24 15:30	1	3	3	2	27.8	64	3.2	160	22
29/11/24 15:35	1	3	3	2	28.1	64	3.1	155	25
29/11/24 15:40	1	3	3	2	28.3	61	5.5	129	15
29/11/24 15:45	1	3	3	2	28.4	61	6.0	130	10
29/11/24 15:50	0	3	3	2	28.2	60	5.8	126	13
29/11/24 15:55	0	3	3	2	28.2	59	5.4	128	14
29/11/24 16:00	1	3	3	2	28.4	60	4.4	121	15
29/11/24 16:05	1	3	3	2	28.3	59	5.6	120	15
29/11/24 16:10	1	3	4	2	28.5	57	5.8	121	11
29/11/24 16:15	1	3	4	2	28.3	58	5.2	122	13
29/11/24 16:20	1	3	4	2	28.3	59	6.9	127	9
29/11/24 16:25	1	3	4	2	28.0	59	7.8	133	10
29/11/24 16:30	1	3	4	2	27.7	59	7.3	130	9
29/11/24 16:35	1	3	4	2	27.7	59	8.0	129	10
29/11/24 16:40	1	3	4	2	27.8	59	6.3	123	11
29/11/24 16:45	1	3	4	2	27.8	60	5.9	125	12
29/11/24 16:50	1	3	4	2	27.9	57	5.1	118	17
29/11/24 16:55	1	4	4	2	28.2	56	5.3	119	17
29/11/24 17:00	1	4	5	2	28.1	56	5.4	114	14
29/11/24 17:05	2	4	6	2	28.1	59	8.5	105	6
29/11/24 17:10	2	4	6	2	28.0	57	6.0	111	14
29/11/24 17:15	2	4	6	2	28.1	57	5.4	107	14
29/11/24 17:20	2	4	6	2	28.1	59	4.9	108	13
29/11/24 17:25	2	4	6	2	28.1	59	4.4	111	15
29/11/24 17:30	1	4	5	2	27.8	60	4.6	112	19
29/11/24 17:35	1	4	5	2	27.7	60	4.3	117	21
29/11/24 17:40	1	4	5	2	27.5	61	5.0	112	13
29/11/24 17:45	1	4	5	2	27.6	62	4.8	118	18
29/11/24 17:50	1	4	5	2	27.7	61	4.8	111	15
29/11/24 17:55	1	4	5	2	27.4	61	6.8	106	9
29/11/24 18:00	1	4	5	2	27.5	63	4.1	111	19
29/11/24 18:05	1	4	5	2	27.4	64	4.6	111	15
29/11/24 18:10	1	4	4	2	27.2	64	3.8	117	20
29/11/24 18:15	1	4	4	2	26.7	65	4.4	112	17
29/11/24 18:20	1	4	5	2	26.8	66	4.7	111	13
29/11/24 18:25	1	4	5	2	26.7	67	4.1	109	16
29/11/24 18:30	1	4	5	2	26.2	67	6.4	102	7
29/11/24 18:35	1	4	5	2	25.8	69	7.7	106	8
29/11/24 18:40	1	3	4	2	25.6	70	6.5	103	7
29/11/24 18:45	0	3	4	2	25.4	70	5.9	106	8
29/11/24 18:50	0	3	4	2	25.4	70	6.2	106	9
29/11/24 18:55	0	3	4	1	25.1	71	8.0	105	6
29/11/24 19:00	0	3	3	1	24.8	70	7.7	93	8
29/11/24 19:05	0	3	3	1	24.8	69	5.4	94	11
29/11/24 19:10	0	3	3	2	24.6	72	8.5	100	5
29/11/24 19:15	0	3	3	2	24.3	73	6.6	98	7
29/11/24 19:20	0	3	3	2	24.1	72	6.9	96	9
29/11/24 19:25	0	3	3	2	23.9	71	6.3	90	8
29/11/24 19:30	0	3	3	2	23.9	73	5.8	94	10
29/11/24 19:35	0	3	3	2	23.6	73	6.3	94	8
29/11/24 19:40	0	3	3	2	23.5	74	6.5	99	7
29/11/24 19:45	0	3	3	2	23.4	74	5.3	94	13
29/11/24 19:50	0	3	3	1	23.3	74	4.0	92	8
29/11/24 19:55	0	3	3	1	23.2	75	4.8	97	7
29/11/24 20:00	0	3	3	2	23.1	75	4.6	96	8
29/11/24 20:05	0	3	3	2	23.0	75	5.5	101	8
29/11/24 20:10	0	3	3	2	23.0	75	3.6	84	17
29/11/24 20:15	0	3	3	2	22.9	75	2.9	81	16
29/11/24 20:20	0	3	3	2	22.9	76	2.3	84	17
29/11/24 20:25	0	3	3	2	22.8	76	3.8	96	10
29/11/24 20:30	0	3	3	2	22.7	75	3.6	94	7
29/11/24 20:35	0	3	3	2	22.8	76	3.3	89	11
29/11/24 20:40	0	3	3	2	22.7	76	2.9	93	8
29/11/24 20:45	0	3	3	2	22.8	76	4.3	98	7
29/11/24 20:50	0	3	3	2	22.7	77	4.5	96	7
29/11/24 20:55	0	3	3	2	22.6	77	3.2	93	16
29/11/24 21:00	0	3	3	2	22.8	77	3.2	105	10

Station Pier Ambient Air Quality Monitoring

November 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 (°)
29/11/24 21:05	0	3	3	2	22.6	77	2.5	111	15
29/11/24 21:10	0	3	3	1	22.7	77	3.6	99	9
29/11/24 21:15	0	3	3	1	22.6	77	3.6	99	8
29/11/24 21:20	0	3	3	1	22.6	77	3.6	94	8
29/11/24 21:25	0	3	3	1	22.6	77	2.7	96	10
29/11/24 21:30	0	3	3	1	22.5	77	2.7	90	9
29/11/24 21:35	0	4	4	1	22.6	75	1.8	83	10
29/11/24 21:40	0	4	4	1	22.7	75	2.2	61	15
29/11/24 21:45	0	4	5	1	22.8	74	2.6	63	23
29/11/24 21:50	0	5	5	2	22.8	74	2.1	80	14
29/11/24 21:55	0	5	5	2	22.8	74	1.8	85	13
29/11/24 22:00	0	5	6	2	22.8	75	1.5	89	13
29/11/24 22:05	0	5	6	2	22.8	75	0.8	73	20
29/11/24 22:10	0	5	6	2	22.8	75	0.4	48	54
29/11/24 22:15	0	6	6	2	22.9	75	0.6	100	16
29/11/24 22:20	0	6	6	2	22.8	75	0.8	114	20
29/11/24 22:25	0	6	6	2	22.9	76	0.9	103	14
29/11/24 22:30	0	6	6	2	23.0	76	1.1	98	8
29/11/24 22:35	0	6	6	2	22.9	76	0.8	94	11
29/11/24 22:40	0	6	6	2	23.0	76	1.4	95	7
29/11/24 22:45	0	6	6	2	22.9	77	1.7	101	9
29/11/24 22:50	0	6	6	1	23.0	77	1.3	117	15
29/11/24 22:55	0	6	6	1	22.9	78	1.3	127	23
29/11/24 23:00	0	6	6	1	22.7	77	1.7	132	17
29/11/24 23:05	0	6	6	1	22.7	78	2.1	124	16
29/11/24 23:10	0	5	6	1	22.6	79	2.0	141	25
29/11/24 23:15	0	5	5	1	22.4	78	1.9	142	23
29/11/24 23:20	0	5	5	1	22.3	79	2.1	144	16
29/11/24 23:25	0	5	5	1	22.4	79	3.5	134	11
29/11/24 23:30	0	4	5	1	22.1	80	3.1	126	15
29/11/24 23:35	0	4	4	1	22.1	81	1.9	115	19
29/11/24 23:40	0	4	4	2	22.2	82	2.1	107	14
29/11/24 23:45	0	4	5	1	22.3	81	2.2	104	12
29/11/24 23:50	0	5	5		22.2	81	2.8	100	5
29/11/24 23:55	0	5	5		22.3	81	2.6	102	7
30/11/24 00:00	0	5	5	1	22.3	80	2.5	100	10
30/11/24 00:05	0	6	6	1	22.2	80	1.7	117	19
30/11/24 00:10	0	6	6	1	22.2	80	3.1	104	6
30/11/24 00:15	0	6	6	1	22.1	81	3.7	103	5
30/11/24 00:20	0	6	6	1	22.0	81	3.6	104	6
30/11/24 00:25	0	6	6	1	22.1	82	3.8	102	7
30/11/24 00:30	0	6	6	1	22.0	83	3.8	97	6
30/11/24 00:35	0	6	6	1	22.0	83	3.5	98	5
30/11/24 00:40	0	6	6	1	21.9	82	3.5	95	5
30/11/24 00:45	0	6	6	1	21.8	81	2.4	76	15
30/11/24 00:50	0	5	5	1	21.8	80	2.3	79	11
30/11/24 00:55	0	5	5	1	21.8	81	2.6	85	7
30/11/24 01:00	0	5	5	1	21.8	81	2.1	85	8
30/11/24 01:05					21.9	80	2.1	85	6
30/11/24 01:10					21.8	80	1.7	68	15
30/11/24 01:15					21.9	80	1.7	55	14
30/11/24 01:20					21.9	79	1.4	50	18
30/11/24 01:25					22.0	79	1.5	47	13
30/11/24 01:30					22.0	79	1.3	36	13
30/11/24 01:35					22.0	79	1.3	32	11
30/11/24 01:40					21.9	79	1.2	21	12
30/11/24 01:45					21.9	79	1.2	27	14
30/11/24 01:50					22.0	79	0.9	42	8
30/11/24 01:55					22.0	79	0.7	43	8
30/11/24 02:00					22.1	79	0.4	55	15
30/11/24 02:05	0	6	6	1	22.1	79	0.3	355	33
30/11/24 02:10	0	7	7	1	22.2	79	0.4	27	27
30/11/24 02:15	0	7	7	1	22.2	79	0.2	306	36
30/11/24 02:20	0	8	8	1	22.2	79	0.2	298	33
30/11/24 02:25	1	9	10	1	22.1	79	0.6	297	20
30/11/24 02:30	2	17	19	1	22.2	79	0.6	283	15
30/11/24 02:35	4	17	21	1	22.2	79	0.3	294	19
30/11/24 02:40	11	14	25	1	22.2	79	0.7	136	19
30/11/24 02:45	4	8	12	1	22.2	80	1.3	136	19
30/11/24 02:50	1	5	6	1	22.2	81	2.2	136	17
30/11/24 02:55	0	4	4	1	21.8	82	2.0	135	20
30/11/24 03:00	0	4	4	1	21.7	82	2.6	128	13
30/11/24 03:05	0	3	4	1	21.7	83	1.7	119	21
30/11/24 03:10	0	3	3	1	21.6	83	1.6	111	21
30/11/24 03:15	0	3	3	1	21.6	84	1.6	112	20
30/11/24 03:20	0	3	3	1	21.6	84	2.5	102	8
30/11/24 03:25	0	3	3	1	21.6	84	2.3	94	8
30/11/24 03:30	0	3	3	1	21.6	83	1.6	103	10
30/11/24 03:35	0	3	3	1	21.6	83	1.7	98	8
30/11/24 03:40	0	3	3	1	21.6	83	1.6	98	10
30/11/24 03:45	0	3	3	1	21.5	82	1.6	102	7
30/11/24 03:50	0	3	3	1	21.5	82	1.6	99	6
30/11/24 03:55	0	3	3	1	21.5	83	2.0	97	5
30/11/24 04:00	0	3	3	1	21.4	82	1.8	87	5

Station Pier Ambient Air Quality Monitoring
November 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 (°)
30/11/24 04:05	0	3	3	1	21.4	82	1.5	89	7
30/11/24 04:10	0	3	3	1	21.4	82	1.6	96	9
30/11/24 04:15	0	3	3	1	21.4	83	1.4	110	17
30/11/24 04:20	0	3	3	1	21.4	83	1.2	119	20
30/11/24 04:25	0	3	3	1	21.4	83	1.5	121	18
30/11/24 04:30	0	3	3	1	21.3	83	1.4	122	22
30/11/24 04:35	0	3	3	1	21.3	84	1.1	113	19
30/11/24 04:40	0	3	3	1	21.3	85	0.9	113	19
30/11/24 04:45	0	3	3	1	21.3	85	1.1	117	23
30/11/24 04:50	0	3	4	1	21.2	85	1.3	138	19
30/11/24 04:55	0	4	4	1	21.3	85	1.1	138	27
30/11/24 05:00	0	4	4	1	21.2	85	1.4	130	15
30/11/24 05:05	0	4	4	1	21.0	85	1.3	137	24
30/11/24 05:10	0	4	4	1	21.0	85	1.3	148	22
30/11/24 05:15	0	4	4	1	21.1	86	1.6	145	22
30/11/24 05:20	2	7	9	1	21.1	85	2.2	135	14
30/11/24 05:25	1	4	5	1	21.0	85	2.3	133	15
30/11/24 05:30	3	3	6	1	21.0	86	1.7	123	18
30/11/24 05:35	1	4	6	1	21.1	86	1.8	125	18
30/11/24 05:40	1	5	5	1	20.9	86	1.8	122	20
30/11/24 05:45	1	5	6	1	21.0	86	1.3	115	25
30/11/24 05:50	5	3	8	1	21.0	86	1.8	120	16
30/11/24 05:55	55	11	67	1	21.0	86	1.8	104	16
30/11/24 06:00	36	18	54	1	21.2	86	2.5	102	11
30/11/24 06:05	38	9	47	1	21.3	85	1.8	108	15
30/11/24 06:10	13	12	25	1	21.1	85	1.6	94	12
30/11/24 06:15	2	6	8	1	21.0	85	1.3	106	15
30/11/24 06:20	9	2	11	1	21.0	86	1.6	104	9
30/11/24 06:25	1	6	7	1	20.9	86	1.6	108	8
30/11/24 06:30	1	5	7	1	20.9	87	1.8	106	9
30/11/24 06:35	2	5	7	1	20.8	88	1.6	98	10
30/11/24 06:40	3	5	8	1	20.8	88	1.5	94	11
30/11/24 06:45	40	4	44	1	20.7	89	1.4	94	11
30/11/24 06:50	32	13	45	1	20.8	89	1.4	81	11
30/11/24 06:55	28	12	40	1	20.7	89	1.3	48	13
30/11/24 07:00	7	15	22	1	20.8	90	1.1	63	16
30/11/24 07:05	7	7	14	1	20.7	90	1.2	78	18
30/11/24 07:10	4	7	11	1	20.8	90	1.3	100	10
30/11/24 07:15	12	8	20	1	20.8	90	0.9	116	17
30/11/24 07:20	24	5	29	1	20.7	90	1.1	132	9
30/11/24 07:25	10	12	22	1	20.7	90	1.2	126	17
30/11/24 07:30	17	16	33	1	20.7	90	1.2	127	22
30/11/24 07:35	23	12	34	1	20.7	91	1.4	121	19
30/11/24 07:40	12	12	24	1	20.8	91	1.6	134	16
30/11/24 07:45	17	18	35	1	20.7	91	1.5	125	21
30/11/24 07:50	55	16	71	1	20.7	91	2.0	118	13
30/11/24 07:55	9	6	14	1	20.6	91	1.9	110	14
30/11/24 08:00	15	3	19	1	20.7	92	1.4	111	22
30/11/24 08:05	4	6	10	1	20.8	92	2.1	106	14
30/11/24 08:10	7	6	13	1	20.7	92	1.8	109	15
30/11/24 08:15	4	5	9	1	20.6	92	1.6	121	20
30/11/24 08:20	7	4	11	1	20.5	92	2.0	122	12
30/11/24 08:25	3	5	8	1	20.6	92	1.9	116	18
30/11/24 08:30	7	6	13	1	20.6	93	2.6	101	8
30/11/24 08:35	13	11	24	1	20.6	93	2.2	112	19
30/11/24 08:40	7	6	13	1	20.6	93	1.8	132	17
30/11/24 08:45	5	4	9	1	20.5	94	1.8	124	20
30/11/24 08:50	11	9	20	1	20.6	94	2.1	132	12
30/11/24 08:55	7	6	14	1	20.6	94	2.0	138	16
30/11/24 09:00	5	7	12	1	20.5	94	2.2	133	16
30/11/24 09:05	4	6	10	1	20.5	94	2.6	133	14
30/11/24 09:10	3	5	9	1	20.5	94	2.7	136	12
30/11/24 09:15	5	4	9	1	20.4	94	3.1	134	13
30/11/24 09:20	5	6	10	1	20.6	94	2.5	135	17
30/11/24 09:25	5	5	11	1	20.5	95	2.0	138	21
30/11/24 09:30	4	5	9	1	20.5	94	2.8	134	18
30/11/24 09:35	4	6	11	1	20.5	95	3.7	134	13
30/11/24 09:40	5	6	11	1	20.5	94	3.4	126	14
30/11/24 09:45	3	4	7	1	20.6	94	3.1	119	15
30/11/24 09:50	3	6	10	1	20.6	94	2.8	120	15
30/11/24 09:55	3	5	9	1	20.6	94	2.9	117	15
30/11/24 10:00	2	5	8	1	20.7	94	2.5	112	18
30/11/24 10:05	3	5	8	1	20.8	94	3.0	114	14
30/11/24 10:10	3	5	8	1	20.8	94	2.9	114	17
30/11/24 10:15	6	6	12	1	20.9	94	3.5	112	14
30/11/24 10:20	5	8	13	1	20.9	94	3.0	110	16
30/11/24 10:25	2	6	8	1	20.8	94	3.5	119	15
30/11/24 10:30	3	6	9	1	20.9	94	2.9	116	20
30/11/24 10:35	3	6	8	1	20.9	94	3.5	116	16
30/11/24 10:40	3	6	8	1	20.8	94	4.6	122	12
30/11/24 10:45	3	6	8	1	20.9	95	3.3	117	16
30/11/24 10:50	2	5	8	1	21.0	95	3.2	110	18
30/11/24 10:55	2	5	8	1	21.0	95	3.4	115	16
30/11/24 11:00	2	5	8	1	21.0	95	3.4	112	16

Station Pier Ambient Air Quality Monitoring
November 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 (°)
30/11/24 11:05	2	5	7	1	20.9	94	3.6	121	15
30/11/24 11:10	2	5	7	1	20.8	94	4.1	119	14
30/11/24 11:15	2	5	7	1	20.9	94	3.2	120	17
30/11/24 11:20	2	5	7	1	21.0	94	3.1	114	18
30/11/24 11:25	2	5	7	1	21.0	94	3.0	116	16
30/11/24 11:30	2	5	8	1	21.3	94	2.6	111	19
30/11/24 11:35	2	6	8	1	21.3	93	3.2	106	16
30/11/24 11:40	2	5	7	1	21.6	93	3.0	109	13
30/11/24 11:45	2	5	7	1	21.5	92	4.0	107	12
30/11/24 11:50	2	5	7	1	21.5	92	3.6	109	14
30/11/24 11:55	2	5	7	1	21.6	92	4.0	114	14
30/11/24 12:00	2	4	6	1	21.6	92	4.6	105	10
30/11/24 12:05	2	4	7	1	21.8	91	4.2	107	10
30/11/24 12:10	2	3	5	1	21.9	91	4.7	104	6
30/11/24 12:15	2	3	5	1	21.9	91	4.9	102	7
30/11/24 12:20	2	6	8	1	21.9	91	5.2	100	6
30/11/24 12:25	2	3	5	1	22.0	91	4.5	103	8
30/11/24 12:30	2	3	5	1	22.1	90	5.4	99	7
30/11/24 12:35	2	3	5	1	22.2	89	4.7	103	7
30/11/24 12:40	2	3	5	1	22.3	89	4.3	102	6
30/11/24 12:45	1	4	5	1	22.3	89	4.7	98	8
30/11/24 12:50	1	4	5	1	22.3	88	5.1	96	7
30/11/24 12:55	1	4	5	1	22.3	89	5.1	98	6
30/11/24 13:00	2	4	6	1	22.3	90	5.1	94	6
30/11/24 13:05	2	4	6	1	22.2	91	4.1	95	5
30/11/24 13:10	2	4	6	1	22.2	92	3.5	90	11
30/11/24 13:15	2	4	6	1	22.3	92	3.6	90	6
30/11/24 13:20	2	4	6	1	22.4	92	4.0	96	5
30/11/24 13:25	2	4	6	1	22.2	91	4.9	95	7
30/11/24 13:30	2	4	6	1	22.3	91	4.7	95	6
30/11/24 13:35	2	4	6	1	22.3	91	4.1	95	7
30/11/24 13:40	2	5	7	1	22.5	90	4.1	94	8
30/11/24 13:45	6	3	9	1	22.7	90	3.1	81	15
30/11/24 13:50	8	8	16	1	22.7	90	3.2	85	14
30/11/24 13:55	4	9	13	1	22.9	90	2.9	79	15
30/11/24 14:00	4	5	9	1	23.0	89	2.9	84	19
30/11/24 14:05	2	4	7	1	23.2	88	2.9	83	12
30/11/24 14:10	4	3	7	1	23.2	86	3.1	72	19
30/11/24 14:15	2	3	6	1	23.3	87	4.6	91	7
30/11/24 14:20	2	4	5	1	23.3	87	3.9	88	11
30/11/24 14:25	2	4	6	1	23.1	87	3.4	73	12
30/11/24 14:30	22	9	31	1	23.0	87	3.2	68	13
30/11/24 14:35	24	20	44	1	23.4	85	3.7	42	13
30/11/24 14:40	4	5	9	1	23.7	83	3.2	56	19
30/11/24 14:45	4	12	16	1	23.9	82	3.3	61	16
30/11/24 14:50	4	6	9	1	24.0	81	3.6	53	17
30/11/24 14:55	10	14	24	1	24.0	81	2.8	52	19
30/11/24 15:00				1	24.4	80	2.4	51	21
30/11/24 15:05	9	9	18	1	24.3	80	3.0	55	16
30/11/24 15:10				1	24.4	79	2.9	61	20
30/11/24 15:15	5	4	9	1	24.4	79	3.3	61	14
30/11/24 15:20	5	4	9	1	24.5	80	2.4	55	19
30/11/24 15:25	5	5	10	1	24.6	79	3.1	56	16
30/11/24 15:30	4	4	8	1	24.5	79	2.6	50	18
30/11/24 15:35	3	4	6	1	24.6	78	2.9	49	13
30/11/24 15:40	3	4	7	1	24.6	78	2.0	43	25
30/11/24 15:45	3	3	6	1	24.5	78	2.9	46	14
30/11/24 15:50	7	2	9	1	24.5	78	2.0	39	17
30/11/24 15:55	2	7	9	1	24.5	79	1.8	35	17
30/11/24 16:00	3	8	11	1	24.5	80	2.4	43	12
30/11/24 16:05	4	10	14	1	24.3	80	1.8	22	14
30/11/24 16:10	2	8	10	1	24.4	83	1.7	9	23
30/11/24 16:15	3	8	11	1	24.2	84	2.1	355	26
30/11/24 16:20	3	7	10	1	23.9	85	2.9	1	19
30/11/24 16:25	2	6	8	1	23.7	85	1.4	351	34
30/11/24 16:30	2	7	9	1	23.7	84	1.8	315	33
30/11/24 16:35	2	8	9	1	23.7	82	3.9	299	23
30/11/24 16:40	1	8	9	1	23.4	83	3.2	291	13
30/11/24 16:45	1	7	8	1	23.0	85	2.4	286	17
30/11/24 16:50	1	7	8	1	22.9	86	2.9	290	15
30/11/24 16:55	1	6	7	1	22.9	86	2.8	298	18
30/11/24 17:00	1	6	7	1	22.8	86	3.3	297	16
30/11/24 17:05	1	6	7	1	22.9	86	2.9	292	17
30/11/24 17:10	1	6	7	1	23.0	86	3.5	296	14
30/11/24 17:15	1	6	7	1	23.1	85	2.9	285	15
30/11/24 17:20	1	6	7	1	23.1	84	2.9	283	16
30/11/24 17:25	1	6	6	1	23.1	84	2.9	284	12
30/11/24 17:30	1	6	6	1	23.1	84	2.8	283	17
30/11/24 17:35	1	6	6	1	23.1	85	3.2	276	14
30/11/24 17:40	1	6	6	1	23.2	84	4.3	271	13
30/11/24 17:45	1	6	7	1	23.2	81	5.0	275	14
30/11/24 17:50	1	6	7	1	23.3	81	4.3	275	12
30/11/24 17:55	1	6	7	1	23.4	80	3.3	274	13
30/11/24 18:00	2	6	7	1	23.6	78	3.0	278	12

Station Pier Ambient Air Quality Monitoring
November 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 (°)
30/11/24 18:05	1	5	7	1	24.1	77	3.1	278	17
30/11/24 18:10	2	6	7	1	24.3	75	3.8	272	12
30/11/24 18:15	2	5	7	1	24.4	71	5.0	263	10
30/11/24 18:20	2	5	6	1	24.3	71	5.3	265	10
30/11/24 18:25	1	5	6	1	24.2	72	5.2	269	11
30/11/24 18:30	1	5	6	1	24.1	72	3.9	271	11
30/11/24 18:35	1	5	6	1	24.1	72	4.3	268	7
30/11/24 18:40	1	5	6	1	24.1	72	3.2	271	14
30/11/24 18:45	1	5	6	1	24.1	72	3.5	270	13
30/11/24 18:50	1	5	6	1	24.1	72	3.9	268	11
30/11/24 18:55	1	5	6	1	23.9	72	4.8	270	11
30/11/24 19:00	1	6	7	1	23.8	73	3.0	274	13
30/11/24 19:05	1	7	8	1	23.8	71	3.8	275	13
30/11/24 19:10	1	6	7	1	23.8	70	4.7	280	13
30/11/24 19:15	1	6	6	1	23.8	70	4.4	279	14
30/11/24 19:20	0	5	5	1	23.8	70	3.9	280	16
30/11/24 19:25	0	5	5	1	23.5	71	4.7	276	15
30/11/24 19:30	1	5	6	1	23.4	72	4.0	275	13
30/11/24 19:35	0	5	6	1	23.3	72	4.4	278	15
30/11/24 19:40	0	5	6	1	23.3	72	3.9	281	17
30/11/24 19:45	0	5	5	1	23.1	71	4.7	281	13
30/11/24 19:50	0	6	6	1	23.1	72	4.8	270	11
30/11/24 19:55	0	7	8	1	23.0	72	4.8	274	11
30/11/24 20:00	0	9	9	1	22.9	74	4.4	275	13
30/11/24 20:05	0	9	9	1	22.8	75	4.6	270	13
30/11/24 20:10	0	5	6	1	22.6	76	4.6	263	8
30/11/24 20:15	0	4	4	1	22.5	76	3.6	268	8
30/11/24 20:20	0	5	5	1	22.3	76	2.6	281	17
30/11/24 20:25	0	9	9	1	22.3	76	1.9	288	16
30/11/24 20:30	0	9	9	1	22.3	76	2.1	288	15
30/11/24 20:35	0	6	6	1	22.2	76	1.8	281	16
30/11/24 20:40	0	5	5	1	22.2	76	2.0	286	16
30/11/24 20:45	0	4	4	1	22.1	75	2.2	291	14
30/11/24 20:50	0	4	4	1	22.0	75	2.3	296	16
30/11/24 20:55	0	5	5	1	22.0	75	2.3	290	14
30/11/24 21:00	0	6	6	1	22.0	75	2.3	288	16
30/11/24 21:05	0	6	6	1	22.0	75	2.2	289	19
30/11/24 21:10	0	6	6	1	21.9	76	2.2	281	13
30/11/24 21:15	0	5	5	1	21.8	76	2.3	277	16
30/11/24 21:20	0	5	5	1	21.7	76	2.5	280	11
30/11/24 21:25	0	5	5	1	21.6	76	1.9	291	15
30/11/24 21:30	0	6	6	1	21.5	76	1.6	301	13
30/11/24 21:35	0	7	7	1	21.5	76	1.9	303	10
30/11/24 21:40	0	8	8	1	21.5	76	1.5	292	15
30/11/24 21:45	0	8	8	1	21.4	76	1.9	289	13
30/11/24 21:50	0	8	8	1	21.5	77	1.2	288	15
30/11/24 21:55	0	8	8	1	21.4	77	1.4	292	12
30/11/24 22:00	0	8	8	1	21.4	77	1.1	283	17
30/11/24 22:05	0	8	8	1	21.3	77	0.8	279	27
30/11/24 22:10	0	9	9	1	21.3	78	1.0	290	20
30/11/24 22:15	0	9	9	1	21.2	77	1.3	302	11
30/11/24 22:20	0	9	9	1	21.2	77	0.9	330	25
30/11/24 22:25	0	9	10	1	21.1	78	0.8	324	25
30/11/24 22:30	0	9	10	1	21.0	78	0.4	337	46
30/11/24 22:35	0	10	10	1	20.9	79	0.8	306	20
30/11/24 22:40	0	11	11	1	20.9	79	1.1	299	13
30/11/24 22:45	0	14	15	1	21.0	79	1.0	292	12
30/11/24 22:50	0	21	21	1	20.9	79	0.7	310	17
30/11/24 22:55	1	20	21	1	20.9	79	0.9	296	19
30/11/24 23:00	1	18	18	1	20.8	79	0.8	306	13
30/11/24 23:05	1	17	18	1	20.8	80	0.9	286	14
30/11/24 23:10	1	18	19	1	20.7	81	1.3	290	9
30/11/24 23:15	1	20	21	1	20.7	81	1.2	297	10
30/11/24 23:20	1	22	23	1	20.7	81	1.4	294	6
30/11/24 23:25	1	23	24	1	20.7	81	1.6	303	9
30/11/24 23:30	2	25	27	1	20.7	81	1.0	326	27
30/11/24 23:35	3	29	32	1	20.6	81	1.0	354	20
30/11/24 23:40	7	27	33	1	20.5	82	0.9	336	23
30/11/24 23:45	11	29	39	1	20.5	83	0.8	331	23
30/11/24 23:50	13	27	40		20.4	83	0.6	324	32
30/11/24 23:55	11	26	37		20.5	82	1.0	319	14
01/12/24 00:00	7	25	31	1	20.6	82	0.3	280	62

Station Pier Ambient Air Quality Monitoring											
November 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 (°)
01/11/24 01:00	0	19	0	1	1	2	14.2	64	6.2	192	7
01/11/24 02:00	-2	10					13.9	61	5.6	192	7
01/11/24 03:00	-1	10	0	1	1	2	13.6	60	4.8	199	9
01/11/24 04:00	-1	16	0	0	0	2	13.6	59	3.9	183	11
01/11/24 05:00	3	11	0	1	1	2	13.7	59	3.9	180	14
01/11/24 06:00	2	18	5	5	10	2	13.7	60	4.4	180	13
01/11/24 07:00	2	21	8	8	16	2	13.7	58	5.3	191	10
01/11/24 08:00	4	25	15	10	25	2	14.1	57	3.4	175	18
01/11/24 09:00	1	14	5	4	8	2	14.2	58	2.7	151	17
01/11/24 10:00	0	18	6	7	12	2	14.6	56	4.9	184	10
01/11/24 11:00	2	15	2	2	4	2	14.9	52	5.3	193	8
01/11/24 12:00	2	23	5	5	9	2	15.9	53	4.0	185	11
01/11/24 13:00	1	17	3	4	7	2	15.8	55	5.0	190	8
01/11/24 14:00	-1	13	2	2	3	2	15.8	55	5.8	192	7
01/11/24 15:00	-2	14	1	2	3	2	15.8	59	6.8	196	6
01/11/24 16:00	1	17	4	3	7	3	16.0	58	6.6	193	7
01/11/24 17:00	3	20	25	10	35	3	16.6	57	5.0	186	10
01/11/24 18:00	2	21	7	10	16	3	16.8	56	4.3	180	12
01/11/24 19:00	0	25	6	9	14	3	15.9	62	4.6	178	12
01/11/24 20:00	1	23	1	2	3	3	15.2	68	3.4	169	18
01/11/24 21:00	1	13	0	1	1	3	14.7	69	4.6	132	15
01/11/24 22:00	2	29	0	2	2	3	14.1	71	4.0	106	12
01/11/24 23:00	4	29	0	6	6	3	13.4	73	3.4	102	11
02/11/24 00:00	5	26	0	9	9	3	12.8	73	3.4	102	11
02/11/24 01:00	5	33	0	16	16	2	12.5	76	4.2	97	8
02/11/24 02:00	4	38					12.0	77	4.2	96	8
02/11/24 03:00	7	35	0	15	15	2	11.6	76	3.5	92	8
02/11/24 04:00	6	25	0	8	9	2	11.6	78	2.3	107	14
02/11/24 05:00	4	18	0	3	3	2	11.7	77	2.3	107	16
02/11/24 06:00	5	24	5	10	14	2	10.3	79	0.8	6	13
02/11/24 07:00	7	30	51	21	72	3	11.2	75	0.9	321	28
02/11/24 08:00	6	26	15	15	30	3	12.7	67	1.3	325	30
02/11/24 09:00	5	18	10	12	23	3	14.8	59	1.4	305	33
02/11/24 10:00	3	21	4	6	10	3	18.8	48	1.3	337	50
02/11/24 11:00	2	30	1	4	5	2	21.5	40	3.0	342	30
02/11/24 12:00	2	28	1	3	4	2	22.8	31	3.2	326	32
02/11/24 13:00	-2	36	1	4	5	2	24.0	28	3.6	348	28
02/11/24 14:00	-2	30	1	3	4	2	25.4	23	3.4	340	33
02/11/24 15:00	1	21	1	3	4	2	26.2	21	3.7	351	28
02/11/24 16:00	0	32	1	3	4	2	26.8	16	3.6	321	29
02/11/24 17:00	-1	24	0	3	3	2	26.7	16	3.5	321	31
02/11/24 18:00	-1	25	0	3	3	2	26.5	16	3.5	330	30
02/11/24 19:00	2	18	0	6	6	2	25.9	18	1.9	336	32
02/11/24 20:00	2	19	0	9	9	2	24.9	20	2.9	12	21
02/11/24 21:00	2	22	0	7	7	2	23.9	21	2.5	7	24
02/11/24 22:00	1	18	0	8	8	2	23.5	21	2.6	355	30
02/11/24 23:00	-1	23	0	6	6	2	23.8	20	3.2	7	22
03/11/24 00:00	-1	24	0	4	4	2	24.3	19	3.8	10	21
03/11/24 01:00	0	79	0	2	3	2	24.7	17	4.6	12	21
03/11/24 02:00	1	40					25.0	17	4.0	347	30
03/11/24 03:00	4	53	0	2	2	2	25.8	15	4.2	341	32
03/11/24 04:00	7	57	0	2	2	2	25.2	17	4.2	339	30
03/11/24 05:00	5	35	0	2	2	1	24.2	20	3.9	328	31
03/11/24 06:00	2	30	0	3	3	1	24.0	21	3.4	319	27
03/11/24 07:00	11	31	0	3	3	2	19.8	65	7.0	226	8
03/11/24 08:00	8	20	0	1	2	2	18.3	73	6.2	216	6
03/11/24 09:00	5	17	0	1	1	2	18.4	65	6.2	204	6
03/11/24 10:00	3	23	1	1	2	2	18.4	66	5.4	193	6
03/11/24 11:00	5	23	2	2	4	2	19.0	61	4.9	185	9
03/11/24 12:00	4	28	2	3	5	2	19.9	57	3.1	160	17
03/11/24 13:00	2	22	1	1	2	2	19.9	58	3.3	139	18
03/11/24 14:00	4	25	1	1	2	2	20.3	59	2.3	159	26
03/11/24 15:00	6	29	2	2	4	2	20.4	60	3.1	170	19
03/11/24 16:00	10	49	6	5	12	1	19.1	67	4.7	180	12
03/11/24 17:00	8	57	1	2	3	2	19.0	62	4.4	172	15
03/11/24 18:00	12	47	0	1	1	2	19.1	60	3.4	164	20
03/11/24 19:00	9	47	0	1	1	2	17.9	66	3.4	163	21
03/11/24 20:00	8	42	0	1	2	2	17.1	69	3.7	164	19
03/11/24 21:00	8	40	0	1	1	2	16.7	71	3.1	157	24
03/11/24 22:00	7	36	0	1	1	2	16.5	71	2.7	153	23
03/11/24 23:00	5	31	0	1	1	2	16.5	71	2.1	158	23
04/11/24 00:00	6	23	0	4	5	2	16.2	60	3.9	235	8
04/11/24 01:00	7	17	0	8	9	2	15.8	60	4.5	239	8
04/11/24 02:00	7	26					15.5	64	4.1	245	8
04/11/24 03:00	8	29	0	7	7	2	15.2	68	3.4	245	8
04/11/24 04:00	7	29	0	5	5	2	15.0	69	3.8	248	7
04/11/24 05:00	9	30	1	10	10	2	14.6	70	3.7	254	8
04/11/24 06:00	9	38	9	22	30	2	14.3	71	3.6	257	10
04/11/24 07:00	8	40	7	18	26	2	14.2	71	3.0	266	12
04/11/24 08:00	9	29	4	5	9	2	14.9	68	4.5	246	8
04/11/24 09:00	6	17	1	3	4	2	15.6	62	3.9	228	10
04/11/24 10:00	3	13	9	8	17	2	16.3	58	4.8	207	8
04/11/24 11:00	12	17	13	9	22	2	17.3	57	3.2	194	12
04/11/24 12:00	7	14	3	4	8	2	18.0	55	2.5	132	17
04/11/24 13:00	2	17	1	2	3	2	17.5	59	3.1	140	20
04/11/24 14:00	7	22	18	10	28	2	18.6	58	2.5	159	22
04/11/24 15:00	15	25	55	21	76	4	19.5	56	2.6	171	20
04/11/24 16:00	10	23	52	18	70	5	19.5	56	2.6	168	20
04/11/24 17:00	44	60	259	44	303	16	18.9	60	3.9	185	11
04/11/24 18:00	37	63	256	34	290	18	18.4	62	4.5	185	10
04/11/24 19:00	58	78	412	35	447	21	17.6	67	4.9	186	9
04/11/24 20:00	69	96	459	52	511	31	16.8	68	4.6	183	11
04/11/24 21:00	18	37	111	20	131	14	16.5	69	2.5	158	19
04/11/24 22:00	3	32	0	3	3	5	15.7	69	3.0	96	10
04/11/24 23:00	3	31	0	4	4	3	15.2	69	2.9	93	8
05/11/24 00:00	2	24	0	5	6	2	14.7	71	2.1	93	9
05/11/24 01:00	1	18	0	8	8	2	14.3	71	1.6	82	9
05/11/24 02:00	4	16					14.0	73	1.6	88	7
05/11/24 03:00	3	17	1	6	7	2	13.6	74	1.0	77	10
05/11/24 04:00	1	15	4	10	13	2	13.0	76	0.9	47	10
05/11/24 05:00	7	25	17	20	37	2	12.1	81	1.2	326	19
05/11/24 06:00	10	30	33	21	54	2	11.9	81	1.1	317	17
05/11/24 07:00	11	31	58	22	80	4	13.0	75	1.1	314	22
05/11/24 08:00	6	21	14	15	28	5	14.6	67	1.4	272	17

Station Pier Ambient Air Quality Monitoring

November 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 (°)
05/11/24 09:00	7	19	16	14	31	4	16.3	60	1.6	210	10
05/11/24 10:00	5	23	22	14	36	4	18.4	59	1.6	156	26
05/11/24 11:00	30	46	116	38	154	12	18.8	59	2.3	179	16
05/11/24 12:00	7	20	11	8	19	6	19.2	60	2.3	168	20
05/11/24 13:00	6	23	5	8	13	3	20.3	59	2.0	166	23
05/11/24 14:00	3	23	8	12	20	3	21.5	54	2.3	167	22
05/11/24 15:00	3	22	9	14	23	3	22.0	55	2.5	163	21
05/11/24 16:00	9	25	37	34	72	4	21.9	54	3.6	162	16
05/11/24 17:00	13	29	84	45	129	6	22.2	55	3.2	165	18
05/11/24 18:00	9	25	44	36	80	5	22.4	56	1.9	161	23
05/11/24 19:00	12	26	30	22	52	4	21.9	62	2.1	184	21
05/11/24 20:00	6	34	1	10	10	4	22.8	53	2.9	103	10
05/11/24 21:00	6	35	1	16	18	2	22.2	48	1.0	75	12
05/11/24 22:00	12	28	12	32	43	3	21.4	51	0.8	13	20
05/11/24 23:00	6	22	1	15	16	3	22.7	37	2.1	6	21
06/11/24 00:00	2	24	1	11	11	3	22.0	38	2.1	7	22
06/11/24 01:00	4	31	0	8	9	2	21.9	37	2.0	3	24
06/11/24 02:00	2	22					22.5	34	3.4	6	19
06/11/24 03:00	0	21	0	4	5	1	22.0	35	3.5	10	20
06/11/24 04:00	2	22	0	6	6	2	22.0	35	3.2	10	20
06/11/24 05:00	3	23	0	9	10	2	22.5	34	2.9	2	24
06/11/24 06:00	1	41	1	10	10	1	22.3	34	3.7	11	22
06/11/24 07:00	3	63	2	11	13	2	23.6	32	3.6	7	23
06/11/24 08:00	3	62	3	11	14	2	25.9	27	4.8	12	21
06/11/24 09:00	3	78	3	9	11	2	27.8	25	5.0	2	25
06/11/24 10:00	3	68	2	7	9	2	28.3	26	4.2	341	29
06/11/24 11:00	2	51	2	9	11	2	29.3	26	3.5	345	31
06/11/24 12:00	5	64	2	8	9	2	31.0	24	4.1	328	30
06/11/24 13:00	4	66	1	5	6	2	32.5	22	4.2	325	31
06/11/24 14:00	6	55	1	6	7	2	32.6	25	3.7	319	32
06/11/24 15:00	5	42	2	11	13	2	31.9	29			
06/11/24 16:00	13	41	32	13	45	2	27.6	46			
06/11/24 17:00	12	52	4	9	13	2	20.5	77			
06/11/24 18:00	10	44	1	1	2	2	19.4	77			
06/11/24 19:00	10	33	2	4	6	2	18.4	76			
06/11/24 20:00	15	41	0	3	4	2	18.1	75			
06/11/24 21:00	8	28	0	2	2	2	17.8	77			
06/11/24 22:00	6	33	0	1	1	2	17.4	79			
06/11/24 23:00	6	26	0	2	3	2	17.2	79			
07/11/24 00:00	5	25	0	4	4	2	17.1	79			
07/11/24 01:00	4	19	1	8	9	2	16.7	76			
07/11/24 02:00	2	18					16.0	76			
07/11/24 03:00	2	19	1	7	8	2	15.7	82			
07/11/24 04:00	4	26	0	2	2	2	15.9	81			
07/11/24 05:00	1	21	0	3	3	2	15.8	79			
07/11/24 06:00	3	27	6	6	12	2	15.6	75			
07/11/24 07:00	4	24	2	2	4	2	15.7	71			
07/11/24 08:00			1	1	2	2	15.9	66	2.2	165	23
07/11/24 09:00			8	7	15	2	17.0	60	1.9	164	22
07/11/24 10:00	3	19	9	8	17	1	18.2	55	2.1	172	20
07/11/24 11:00	1	16	3	3	6	1	18.5	51	1.8	159	22
07/11/24 12:00	-1	11	1	2	3	1	18.8	51	2.2	167	20
07/11/24 13:00	1	15	0	1	1	1	19.1	52	2.6	168	20
07/11/24 14:00	2	18	1	1	2	1	19.5	53	3.4	173	17
07/11/24 15:00	11	21	0	1	2	1	19.2	55	3.6	174	16
07/11/24 16:00	8	23	0	2	2	1	19.5	57	3.1	167	20
07/11/24 17:00	17	38	55	13	68	2	19.4	61	3.4	186	14
07/11/24 18:00	6	28	5	10	14	2	18.7	68	3.3	183	14
07/11/24 19:00	3	22	3	5	8	1	17.2	77	5.0	213	8
07/11/24 20:00	1	20	23	6	29	2	16.4	81	2.4	206	9
07/11/24 21:00	0	16	0	8	8	1	16.1	83	0.6	273	15
07/11/24 22:00	6	22	6	26	32	1	15.4	86	1.2	342	29
07/11/24 23:00	5	24	14	26	40	2	15.3	84	1.4	345	29
08/11/24 00:00	3	22	6	25	31	2	15.1	81	2.3	297	16
08/11/24 01:00	4	17	1	15	17	2	15.2	74	3.8	272	12
08/11/24 02:00	1	13					15.3	70	7.6	253	7
08/11/24 03:00	-2	11	1	7	8	2	14.5	69	3.9	268	13
08/11/24 04:00	1	17	0	11	11	2	13.4	73	2.2	295	14
08/11/24 05:00	1	14	3	17	20	2	12.9	74	2.2	306	18
08/11/24 06:00	0	19	24	23	47	2	13.0	70	1.6	339	29
08/11/24 07:00	1	15	17	18	35	3	14.2	63	2.2	324	29
08/11/24 08:00	1	20	6	8	14	3	15.7	56	3.8	305	22
08/11/24 09:00	1	22	3	7	10	2	17.0	53	4.0	296	18
08/11/24 10:00	-1	30	3	8	10	2	17.1	57	7.1	268	11
08/11/24 11:00	2	25	3	7	10	2	16.5	63	7.7	265	11
08/11/24 12:00	1	13	4	7	10	2	16.2	65	4.8	274	14
08/11/24 13:00	1	18	2	5	7	2	17.0	61	7.0	256	9
08/11/24 14:00	3	18	3	4	7	2	17.1	58	8.1	244	8
08/11/24 15:00	3	21	2	3	5	2	18.2	49	8.0	240	8
08/11/24 16:00	6	20	1	3	4	2	18.5	49	7.2	223	7
08/11/24 17:00	4	25	0	1	1	2	18.7	49	8.9	213	6
08/11/24 18:00	7	25	1	2	3	2	18.3	56	6.1	200	9
08/11/24 19:00	6	26	0	1	1	2	17.8	54	7.2	211	6
08/11/24 20:00	3	22	1	2	2	2	17.1	57	7.1	213	5
08/11/24 21:00	5	23	0	2	3	2	16.5	57	7.2	228	5
08/11/24 22:00	5	19	0	5	6	3	15.7	58	5.9	235	7
08/11/24 23:00	6	23	1	13	14	3	14.7	60	4.6	247	8
09/11/24 00:00	6	30	1	11	12	3	13.9	65	2.9	262	11
09/11/24 01:00	5	40	1	14	15	2	13.2	63	1.9	301	12
09/11/24 02:00	6	25					12.5	64	1.9	307	12
09/11/24 03:00	9	30	31	22	54	3	11.8	67	1.2	332	19
09/11/24 04:00	9	34	45	24	68	3	11.2	69	1.3	338	22
09/11/24 05:00	12	29	43	23	66	4	10.8	71	1.2	326	24
09/11/24 06:00	7	25	19	21	40	3	10.5	73	1.2	336	24
09/11/24 07:00	7	36	42	19	61	4	11.5	69	1.4	316	25
09/11/24 08:00	8	36	31	21	52	5	13.7	60	1.7	303	21
09/11/24 09:00	6	26	8	9	17	4	15.6	50	1.4	310	31
09/11/24 10:00	6	22	2	4	7	3	16.8	46	1.3	259	29
09/11/24 11:00	6	25	4	4	8	2	17.5	48	2.1	208	19
09/11/24 12:00	3	26	3	4	7	2	17.5	52	2.4	174	18
09/11/24 13:00	12	32	18	10	28	3	17.7	54	3.0	183	14
09/11/24 14:00	7	24	13	6	19	2	17.8	51	2.5	147	15
09/11/24 15:00	2	20	4	5	9	2	18.0	52	2.2	157	18
09/11/24 16:00	2	20	2	4	6	2	18.3	53	1.5	169	22

Station Pier Ambient Air Quality Monitoring

November 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 (°)
09/11/24 17:00	2	18	2	3	6	2	18.7	52	1.3	173	20
09/11/24 18:00	2	22	8	15	23	2	18.5	53	1.2	157	19
09/11/24 19:00	6	26	5	16	21	3	18.7	59	1.0	148	13
09/11/24 20:00	8	25	1	17	18	2	17.7	64	0.6	121	15
09/11/24 21:00	5	20	0	4	5	2	17.6	65	2.3	150	22
09/11/24 22:00	2	24	0	4	4	2	16.2	65	3.2	110	14
09/11/24 23:00	2	28	0	3	4	2	15.4	66	1.9	97	13
10/11/24 00:00	3	28	0	8	8	2	15.0	66	0.8	164	22
10/11/24 01:00	5	26	1	12	13	2	15.1	74	2.3	232	10
10/11/24 02:00	8	27					13.6	81	1.4	304	17
10/11/24 03:00	7	28	3	18	21	2	13.0	82	1.5	331	16
10/11/24 04:00	6	28	10	19	29	3	12.3	82	1.3	334	19
10/11/24 05:00	6	26	8	19	27	3	12.0	78	1.1	334	17
10/11/24 06:00	6	41	17	19	36	3	12.4	74	1.1	343	19
10/11/24 07:00	10	32	15	16	30	3	13.7	71	1.0	295	22
10/11/24 08:00	6	21	8	9	18	3	15.1	71	1.7	217	12
10/11/24 09:00	2	19	1	2	3	3	16.5	71	1.4	191	16
10/11/24 10:00	0	22	5	3	8	3	18.6	63	1.1	157	27
10/11/24 11:00	-1	16	4	2	6	3	18.7	63	2.5	177	16
10/11/24 12:00	0	15	1	1	2	3	17.8	68	3.6	186	9
10/11/24 13:00	-1	16	2	3	5	2	19.3	60	3.0	168	18
10/11/24 14:00	-1	17	1	1	2	2	19.7	59	3.2	175	16
10/11/24 15:00	-2	15	1	1	3	2	20.0	59	3.2	174	17
10/11/24 16:00	-3	20	1	1	3	2	19.8	60	3.7	182	12
10/11/24 17:00	-1	17	2	2	3	2	19.9	60	4.0	180	12
10/11/24 18:00	1	15	1	2	3	2	19.6	63	4.1	181	11
10/11/24 19:00	3	20	0	1	2	1	19.6	62	3.0	157	13
10/11/24 20:00	3	15	0	2	2	1	18.1	60	4.5	124	14
10/11/24 21:00	3	16	0	2	2	2	16.9	66	2.6	157	23
10/11/24 22:00	3	21	0	3	3	2	16.4	69	2.4	161	22
10/11/24 23:00	0	12	0	4	4	2	15.8	70	2.3	154	24
11/11/24 00:00	4	19	0	4	4	2	15.1	73	2.3	137	20
11/11/24 01:00	3	18	0	5	5	2	14.6	75	1.1	118	21
11/11/24 02:00	1	18					14.1	76	0.7	69	12
11/11/24 03:00	2	23	3	14	17	3	13.4	79	1.3	317	15
11/11/24 04:00	5	17	6	17	22	3	12.5	82	1.4	312	17
11/11/24 05:00	5	23	5	17	22	3	12.2	84	1.4	309	18
11/11/24 06:00	6	26	26	19	45	3	12.5	84	1.2	306	18
11/11/24 07:00	5	36	45	20	65	3	13.5	79	1.2	293	19
11/11/24 08:00	8	38	54	22	76	4	15.3	74	1.0	225	22
11/11/24 09:00	7	39	41	21	62	4	17.1	69	1.4	175	17
11/11/24 10:00	6	31	13	12	25	4	19.1	65	1.7	171	18
11/11/24 11:00	2	23	8	11	19	4	19.4	66	2.4	181	14
11/11/24 12:00	0	15	3	5	8	3	19.8	65	2.4	179	16
11/11/24 13:00	1	22	2	6	8	3	20.2	66	2.8	183	15
11/11/24 14:00	6	24	5	6	11	4	19.7	73	3.8	189	11
11/11/24 15:00	6	25	18	8	27	3	20.6	69	4.7	183	11
11/11/24 16:00	8	33	50	19	69	4	21.5	65	4.3	182	11
11/11/24 17:00	6	31	0	2	2	4	21.6	62	4.5	164	18
11/11/24 18:00	1	26	0	2	2	3	20.6	68	3.7	158	22
11/11/24 19:00	2	29	0	2	2	3	20.0	75	3.2	164	20
11/11/24 20:00	2	30	0	2	2	3	19.4	79	3.0	172	15
11/11/24 21:00	4	22	0	2	2	3	19.2	81	3.2	182	11
11/11/24 22:00	4	20	0	2	2	3	19.0	78	2.9	180	12
11/11/24 23:00	1	20	0	1	1	3	18.4	80	3.4	182	9
12/11/24 00:00	0	19	0	2	2	3	18.2	78	2.1	158	20
12/11/24 01:00	1	27	0	3	3	2	17.7	75	1.7	141	23
12/11/24 02:00	3	25					17.0	77	0.5	156	29
12/11/24 03:00	4	21	0	7	8	2	16.5	81	0.7	273	19
12/11/24 04:00	5	22	1	13	14	2	15.5	87	2.0	284	14
12/11/24 05:00	4	24	7	17	23	2	15.1	88	1.7	297	15
12/11/24 06:00	14	40	41	19	59	3	15.0	88	2.0	294	12
12/11/24 07:00	14	51	57	22	79	3	15.7	86	2.0	271	12
12/11/24 08:00	8	33	33	14	47	3	16.5	83	1.4	239	14
12/11/24 09:00	11	40	26	17	43	3	18.1	75	1.6	249	17
12/11/24 10:00	16	27	17	12	29	3	18.2	77	3.1	206	6
12/11/24 11:00	11	26	9	10	19	3	19.5	75	2.3	194	10
12/11/24 12:00	9	33	15	18	32	3	20.9	69	1.8	161	21
12/11/24 13:00	10	42	17	22	39	3	21.7	68	1.8	163	19
12/11/24 14:00	13	42	7	16	23	3	21.3	73	2.2	175	17
12/11/24 15:00	12	33	3	6	9	3	21.3	76	1.5	158	23
12/11/24 16:00	9	27	1	3	4	3	20.4	80	3.1	210	10
12/11/24 17:00	7	30	0	3	3	3	20.1	81	5.4	224	7
12/11/24 18:00	5	28	1	8	10	2	18.9	85	4.3	214	8
12/11/24 19:00	5	26	0	4	4	2	18.9	86	1.9	219	9
12/11/24 20:00	7	32	0	13	13	3	19.2	81	1.0	292	15
12/11/24 21:00	11	36	8	31	39	2	19.4	82	0.8	86	20
12/11/24 22:00	9	31	1	25	25	3	19.4	83	1.3	58	13
12/11/24 23:00	10	29	1	19	20	3	19.3	80	1.7	32	13
13/11/24 00:00	7	29	0	12	13	3	19.4	79	1.1	14	19
13/11/24 01:00	6	28	0	15	15	2	18.7	83	0.8	346	27
13/11/24 02:00	7	27					18.4	85	0.7	333	28
13/11/24 03:00	6	27	2	23	25	2	18.0	87	0.5	331	19
13/11/24 04:00	11	31	14	24	39	1	18.2	86	0.5	305	21
13/11/24 05:00	11	30	10	23	34	2	18.2	84	0.4	346	20
13/11/24 06:00	12	32	36	25	60	2	18.3	82	1.5	259	19
13/11/24 07:00	12	32	41	23	64	2	18.2	84	1.4	234	13
13/11/24 08:00	8	20	16	20	36	2	18.4	85	0.3	187	29
13/11/24 09:00	6	17	23	16	39	2	18.7	86	0.2	140	31
13/11/24 10:00	6	13	3	11	14	2	18.7	85	4.8	240	8
13/11/24 11:00	6	15	5	6	11	2	17.1	92	7.9	207	7
13/11/24 12:00	4	13	2	2	4	2	16.1	95	7.7	202	6
13/11/24 13:00	6	23	21	12	34	2	16.8	82	5.8	192	9
13/11/24 14:00	4	20	22	11	33	2	17.5	70	5.9	186	10
13/11/24 15:00	6	43	18	10	29	2	18.6	67	4.6	180	13
13/11/24 16:00	4	29	8	5	13	2	19.0	66	4.3	176	14
13/11/24 17:00	1	35	3	2	6	2	18.7	68	3.9	173	16
13/11/24 18:00	3	29	0	2	2	2	17.8	75	4.9	177	12
13/11/24 19:00	5	27	0	1	1	2	17.0	78	5.7	179	11
13/11/24 20:00	3	28	0	1	1	2	16.7	73	5.8	180	10
13/11/24 21:00	3	19	0	1	1	2	16.4	69	6.6	186	8
13/11/24 22:00	3	18	0	1	1	2	16.4	68	6.4	187	8
13/11/24 23:00	2	24	0	1	1	3	16.3	71	5.4	189	9
14/11/24 00:00	3	14	0	1	1	2	16.1	64	5.8	187	8

Station Pier Ambient Air Quality Monitoring											
November 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 (°)
14/11/24 01:00	3	23	0	0	1	4	15.9	65	5.2	188	9
14/11/24 02:00	1	15					15.6	63	5.4	188	10
14/11/24 03:00	4	24	0	1	1	2	15.3	63	5.2	190	10
14/11/24 04:00	5	18	0	1	1	2	15.1	65	5.9	202	8
14/11/24 05:00	5	27	0	1	2	2	14.8	62	3.8	179	15
14/11/24 06:00	5	27	0	0	1	2	14.7	62	3.6	176	15
14/11/24 07:00	6	24	0	1	1	2	14.8	62	2.9	156	23
14/11/24 08:00	3	27	0	1	1	2	14.9	62	3.2	170	17
14/11/24 09:00	3	27	0	0	1	2	14.7	61	3.7	137	18
14/11/24 10:00	4	24	0	0	0	3	15.4	58	2.9	149	23
14/11/24 11:00	6	24	0	0	1	3	16.0	55	3.0	144	21
14/11/24 12:00	5	20	0	1	1	3	17.2	52	2.8	165	20
14/11/24 13:00	2	19	0	1	1	2	16.7	55	3.9	186	12
14/11/24 14:00	0	18	1	2	3	2	17.1	53	4.3	187	10
14/11/24 15:00	0	18	1	1	2	3	17.0	57	5.7	190	7
14/11/24 16:00	0	21	0	1	1	3	17.3	56	5.6	187	9
14/11/24 17:00	0	27	0	1	1	3	17.6	54	5.3	184	10
14/11/24 18:00	2	28	1	1	2	3	17.5	58	4.9	178	12
14/11/24 19:00	5	23	0	1	1	3	16.9	56	4.9	179	12
14/11/24 20:00	4	29	0	1	1	3	16.1	59	4.1	176	15
14/11/24 21:00	2	22	0	0	1	3	15.9	60	3.4	160	21
14/11/24 22:00	2	14	0	0	0	3	15.6	63	3.3	149	23
14/11/24 23:00	0	17	0	0	0	3	15.4	68	3.6	127	19
15/11/24 00:00	0	15	0	1	1	3	15.3	64	3.3	141	22
15/11/24 01:00	1	20	0	1	1	2	15.0	66	3.8	107	12
15/11/24 02:00	2	38					14.4	69	3.5	95	8
15/11/24 03:00	1	28	0	3	3	2	14.2	67	3.7	92	7
15/11/24 04:00	-1	39	0	3	3	2	13.6	66	3.8	92	6
15/11/24 05:00	0	34	0	5	5	2	13.2	67	3.3	90	5
15/11/24 06:00	3	27	1	10	11	2	13.6	65	2.6	94	9
15/11/24 07:00	7	25	5	14	18	2	14.2	61	3.2	92	9
15/11/24 08:00	4	17	4	8	13	2	15.0	58	3.2	107	12
15/11/24 09:00	1	17	4	7	11	2	16.2	57	2.5	165	20
15/11/24 10:00	1	15	7	6	13	2	17.1	56	2.9	177	16
15/11/24 11:00	5	24	26	15	41	2	16.9	59	3.9	187	11
15/11/24 12:00	4	18	14	8	22	2	16.6	61	4.3	200	9
15/11/24 13:00	3	8	2	3	5	2	16.7	62	4.5	203	7
15/11/24 14:00	0	17	3	5	8	2	17.1	63	4.5	202	7
15/11/24 15:00	1	23	16	9	25	2	17.8	64	4.4	197	11
15/11/24 16:00	5	23	27	9	35	3	18.3	63	5.3	188	8
15/11/24 17:00	4	24	0	1	1	2	19.0	64	4.6	185	11
15/11/24 18:00	6	33	0	1	1	2	19.4	62	3.8	173	14
15/11/24 19:00	7	35	0	1	1	2	18.5	68	3.7	176	14
15/11/24 20:00	6	27	0	1	1	2	17.6	74	3.9	179	11
15/11/24 21:00	7	23	0	1	1	2	17.4	75	2.8	183	10
15/11/24 22:00	6	26	0	2	2	2	17.3	77	1.8	214	9
15/11/24 23:00	4	27	0	11	12	2	16.7	79	1.3	283	14
16/11/24 00:00	5	38	4	24	28	2	15.5	77	1.5	292	15
16/11/24 01:00	6	38	6	25	31	3	14.8	78	1.2	311	12
16/11/24 02:00	10	37					14.4	79	1.2	333	18
16/11/24 03:00	8	30	4	21	26	3	14.0	78	1.1	327	18
16/11/24 04:00	6	32	8	22	30	3	13.6	80	1.2	351	22
16/11/24 05:00	5	26	5	20	25	3	13.3	81	0.7	46	14
16/11/24 06:00	3	31	12	19	31	3	13.6	80	0.7	41	17
16/11/24 07:00	6	38	21	20	41	3	16.8	64	2.1	14	21
16/11/24 08:00	6	38	17	19	36	3	20.6	48	1.7	0	27
16/11/24 09:00	9	52	6	10	16	3	24.1	43	2.5	344	35
16/11/24 10:00	6	45	3	7	10	3	26.2	41	4.3	355	25
16/11/24 11:00	8	53	2	6	9	3	28.6	31	4.0	355	30
16/11/24 12:00	6	38	2	6	7	3	29.8	24	3.8	341	30
16/11/24 13:00	3	31	1	5	6	3	30.9	22	3.7	321	27
16/11/24 14:00	1	31	1	4	5	3	32.3	22	3.8	327	29
16/11/24 15:00	3	32	1	4	6	3	33.6	19	3.9	342	28
16/11/24 16:00	4	28	2	4	6	3	34.3	21	3.9	355	27
16/11/24 17:00	4	30	1	4	4	3	34.6	21	4.0	11	25
16/11/24 18:00	4	25	1	5	5	2	34.0	22	3.8	17	20
16/11/24 19:00	4	26	1	9	9	2	33.5	24	3.0	27	17
16/11/24 20:00	6	29	1	12	13	2	32.5	25	2.2	37	15
16/11/24 21:00	7	31	1	14	15	2	31.3	27	1.9	45	15
16/11/24 22:00	6	33	1	15	17	2	29.8	30	1.6	46	18
16/11/24 23:00	3	27	1	16	17	3	28.4	33	1.5	37	15
17/11/24 00:00	4	29	1	25	26	3	27.7	34	1.3	310	26
17/11/24 01:00	64	34	0	21	21	3	26.8	35	0.8	314	42
17/11/24 02:00	5	46					30.0	30	3.2	331	34
17/11/24 03:00	5	38	0	4	4	2	29.8	32	3.6	301	20
17/11/24 04:00	26	64	0	4	4	2	23.5	43	5.1	240	8
17/11/24 05:00	52	75	0	7	7	3	22.0	48	3.7	263	10
17/11/24 06:00	32	58	3	18	21	3	22.1	46	1.2	323	22
17/11/24 07:00	20	41	4	12	15	3	23.2	43	1.5	30	27
17/11/24 08:00	20	41	4	11	15	2	24.2	42	0.7	26	20
17/11/24 09:00	24	50	1	10	11	2	21.5	65	5.3	206	5
17/11/24 10:00	26	37	1	3	4	2	21.4	67	4.5	219	4
17/11/24 11:00	8	100	0	2	2	2	18.6	64	12.4	231	7
17/11/24 12:00	6	21	0	1	1	2	15.0	73	9.5	243	9
17/11/24 13:00	3	10	1	4	5	2	14.0	79	5.2	267	13
17/11/24 14:00	3	11	1	4	6	3	16.5	60	4.2	266	13
17/11/24 15:00	6	15	1	2	4	2	19.8	47	6.8	259	11
17/11/24 16:00	4	18	1	3	4	2	21.4	40	5.3	270	13
17/11/24 17:00	5	15	1	2	3	2	22.2	37	6.7	261	9
17/11/24 18:00	4	19	0	2	2	2	22.2	38	7.9	260	8
17/11/24 19:00	2	18	0	2	3	2	21.6	37	9.2	254	7
17/11/24 20:00	3	20	0	2	2	2	20.3	40	9.6	250	8
17/11/24 21:00	3	26	0	3	3	2	19.2	44	7.5	261	8
17/11/24 22:00	3	17	0	5	5	3	18.6	46	5.3	269	12
17/11/24 23:00	6	21	0	4	5	3	18.1	49	6.0	273	13
18/11/24 00:00	4	15	0	2	3	2	16.3	64	8.0	260	9
18/11/24 01:00	0	13	0	4	4	2	15.1	70	5.9	274	13
18/11/24 02:00	0	11					14.6	72	4.5	274	14
18/11/24 03:00	4	19	1	6	6	2	14.2	76	6.3	265	11
18/11/24 04:00	6	15	1	7	8	2	13.8	80	3.7	272	13
18/11/24 05:00	5	11	1	10	11	2	14.0	74	3.2	280	16
18/11/24 06:00	6	26	3	14	18	2	13.8	75	3.0	281	14
18/11/24 07:00	6	30	6	10	17	2	14.7	71	5.2	266	12
18/11/24 08:00	3	29	3	5	8	2	15.4	66	6.4	254	10

Station Pier Ambient Air Quality Monitoring											
November 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 (°)
18/11/24 09:00	4	23	2	4	6	2	15.8	64	6.3	251	10
18/11/24 10:00	3	21	1	3	4	2	16.5	58	6.9	242	8
18/11/24 11:00	0	20	1	2	3	2	17.1	57	6.8	234	9
18/11/24 12:00	1	19	2	3	4	2	17.7	59	4.1	202	10
18/11/24 13:00	3	22	9	5	14	2	18.3	60	3.6	179	14
18/11/24 14:00	4	29	1	1	2	1	17.9	67	3.4	167	20
18/11/24 15:00	4	40	1	1	2	1	18.4	61	3.8	178	15
18/11/24 16:00	5	48	1	2	3	1	18.6	62	3.9	171	17
18/11/24 17:00	4	38	1	2	3	1	18.0	66	4.6	176	13
18/11/24 18:00	3	37	1	2	3	1	17.9	66	4.3	177	13
18/11/24 19:00	3	35	0	1	1	1	16.6	72	4.8	178	12
18/11/24 20:00	6	33	0	1	1	1	16.1	72	5.3	180	11
18/11/24 21:00	11	25	0	1	1	1	16.1	69	5.5	188	9
18/11/24 22:00	7	22	0	1	1	1	16.0	67	6.3	198	6
18/11/24 23:00	4	20	0	1	1	1	15.8	65	5.6	193	7
19/11/24 00:00	2	19	0	1	1	1	15.7	65	5.2	196	8
19/11/24 01:00	0	10	0	1	1	1	15.6	65	5.5	194	7
19/11/24 02:00	-2	14					15.3	65	5.5	197	9
19/11/24 03:00	-2	13	0	1	1	1	15.1	62	5.4	201	7
19/11/24 04:00	-1	14	0	1	1	1	15.0	63	4.8	197	9
19/11/24 05:00	0	16	0	1	1	1	14.9	60	4.3	190	9
19/11/24 06:00	2	10	0	1	1	1	14.9	59	3.3	188	12
19/11/24 07:00	3	23	5	2	6	2	15.0	62	2.1	156	21
19/11/24 08:00	2	17	0	1	1	2	15.4	60	2.1	161	20
19/11/24 09:00	2	14	0	1	2	2	15.6	59	2.2	151	23
19/11/24 10:00	3	18	1	1	2	1	16.1	57	2.5	156	20
19/11/24 11:00	1	17	1	2	3	1	16.8	55	2.9	174	17
19/11/24 12:00	-1	14	6	6	12	2	16.1	57	4.2	190	9
19/11/24 13:00	0	24	5	6	11	1	16.7	55	3.6	187	12
19/11/24 14:00	-1	19	7	6	13	2	16.5	58	5.1	190	8
19/11/24 15:00	0	21	10	9	19	2	16.7	60	5.9	190	7
19/11/24 16:00	3	18	10	8	18	2	17.1	60	5.5	187	9
19/11/24 17:00	2	25	5	6	11	2	17.5	58	5.0	183	10
19/11/24 18:00	3	31	2	2	4	2	17.4	58	4.8	180	11
19/11/24 19:00	2	29	0	2	2	2	16.8	59	4.3	178	14
19/11/24 20:00	1	30	0	3	4	2	15.8	64	3.7	168	18
19/11/24 21:00	0	20	0	1	1	2	15.3	65	3.0	146	22
19/11/24 22:00	1	15	0	1	1	2	15.0	65	3.4	135	20
19/11/24 23:00	1	17	0	0	1	2	15.0	66	3.0	160	20
20/11/24 00:00	2	14	0	0	0	2	14.9	64	3.1	164	19
20/11/24 01:00	1	13	0	0	1	1	14.7	64	3.3	137	19
20/11/24 02:00	1	18					14.4	64	3.5	109	14
20/11/24 03:00	0	20	0	1	1	1	14.4	66	3.6	103	11
20/11/24 04:00	-2	14	0	1	1	1	14.5	66	2.5	143	18
20/11/24 05:00	0	14	0	1	1	1	14.5	65	2.7	164	21
20/11/24 06:00	2	15	1	2	2	1	14.4	66	3.1	123	16
20/11/24 07:00	2	17	3	3	6	1	14.4	65	3.3	116	17
20/11/24 08:00	0	10	5	4	9	1	14.7	63	2.8	132	18
20/11/24 09:00	0	17	1	2	3	1	15.5	62	2.2	142	21
20/11/24 10:00	1	15	1	2	3	1	16.3	62	3.0	185	13
20/11/24 11:00	1	17	2	2	4	1	16.0	64	4.3	190	8
20/11/24 12:00	0	14	1	1	2	1	15.8	66	5.2	198	5
20/11/24 13:00	2	13	0	1	1	1	16.1	67	5.2	201	5
20/11/24 14:00	3	15	1	2	3	1	16.5	70	6.5	198	5
20/11/24 15:00	3	17	4	4	8	1	16.7	70	6.8	194	7
20/11/24 16:00	2	19	6	4	10	1	16.8	71	6.7	192	7
20/11/24 17:00	3	18	23	8	31	1	17.2	68	5.1	186	10
20/11/24 18:00	1	14	0	1	1	1	16.9	73	6.9	192	6
20/11/24 19:00	1	21	0	2	2	0	16.9	74	5.9	189	10
20/11/24 20:00	1	37	0	1	1	0	16.6	74	3.3	176	15
20/11/24 21:00	1	25	0	2	2	0	16.2	75	3.0	166	19
20/11/24 22:00	3	17	0	1	1	0	16.0	76	2.3	156	23
20/11/24 23:00	2	24	0	1	1	1	15.8	79	2.0	168	21
21/11/24 00:00	2	19	0	1	1	0	15.7	79	1.5	177	17
21/11/24 01:00	2	33	4	13	17	1	14.7	80	1.2	291	17
21/11/24 02:00	2	35					13.4	82	1.8	305	15
21/11/24 03:00	4	32	7	19	25	1	12.9	84	2.0	293	14
21/11/24 04:00	2	32	4	17	21	2	12.6	84	1.7	306	17
21/11/24 05:00	2	27	17	18	36	2	12.4	85	1.3	336	19
21/11/24 06:00	4	26	33	19	52	2	12.8	83	1.3	355	18
21/11/24 07:00	8	33	24	17	41	2	14.2	83	1.3	311	29
21/11/24 08:00	9	28	9	12	21	2	15.1	80	1.7	306	24
21/11/24 09:00	9	32	14	13	27	2	17.1	71	0.9	355	41
21/11/24 10:00	8	37	15	14	29	2	19.6	65	1.1	160	31
21/11/24 11:00	8	34	11	14	25	2	21.3	62	1.8	157	21
21/11/24 12:00	11	38	8	12	20	2	20.9	67	2.2	158	27
21/11/24 13:00	10	36	7	13	20	2	21.1	71	3.3	187	12
21/11/24 14:00	16	43	15	21	36	2	21.5	72	3.0	187	12
21/11/24 15:00	16	42	2	9	12	2	22.9	69	2.1	177	15
21/11/24 16:00	9	37	1	5	6	2	21.7	74	3.2	189	8
21/11/24 17:00	15	43	1	4	6	2	23.6	67	1.5	154	21
21/11/24 18:00	8	37	1	4	5	2	23.9	67	1.1	164	24
21/11/24 19:00	5	30	1	6	6	2	22.5	72	2.1	185	21
21/11/24 20:00	6	28	0	5	5	2	20.6	84	2.5	224	8
21/11/24 21:00	5	27	0	7	7	2	20.2	85	3.2	231	6
21/11/24 22:00	10	26	1	13	14	2	20.0	81	3.2	247	8
21/11/24 23:00	7	26	1	15	17	2	19.0	85	3.3	253	7
22/11/24 00:00	6	30	1	14	14	2	18.6	85	1.6	279	14
22/11/24 01:00	7	39	3	24	27	2	18.1	85	1.0	309	16
22/11/24 02:00	9	42					17.7	85	0.7	5	21
22/11/24 03:00	10	33	1	18	19	2	18.0	82	0.8	331	19
22/11/24 04:00	7	38	2	24	26	2	17.4	82	0.6	41	12
22/11/24 05:00	8	34	4	22	26	2	16.9	82	1.0	39	11
22/11/24 06:00	10	39	15	23	38	2	17.4	78	1.3	37	11
22/11/24 07:00	14	55	28	27	54	2	19.9	67	1.1	61	16
22/11/24 08:00	15	57	37	29	66	3	23.0	58	1.5	61	14
22/11/24 09:00	8	45	14	22	37	3	26.9	47	2.1	66	18
22/11/24 10:00	6	50	8	19	27	2	30.1	38	1.0	35	32
22/11/24 11:00	12	50	10	24	35	2	27.7	56	1.1	160	37
22/11/24 12:00	12	43	6	21	27	2	27.4	58	2.1	163	22
22/11/24 13:00	12	42	2	12	14	2	27.8	56	2.1	170	23
22/11/24 14:00	9	35	1	5	6	2	28.8	51	2.1	163	25
22/11/24 15:00	8	47	0	4	5	2	29.7	44	2.4	170	21
22/11/24 16:00	5	37	0	3	4	2	30.0	38	2.3	165	25

Station Pier Ambient Air Quality Monitoring

November 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 (°)
22/11/24 17:00	14	27	0	3	3	2	29.7	39	2.9	166	20
22/11/24 18:00	8	39	0	4	4	2	27.5	51	2.2	160	30
22/11/24 19:00	5	57	0	6	7	2	28.1	50	2.7	121	19
22/11/24 20:00	7	89	0	7	7	2	32.2	29	4.6	92	7
22/11/24 21:00	6	55	0	8	8	2	31.4	31	3.4	90	7
22/11/24 22:00	4	39	0	9	10	2	29.6	38	1.6	98	19
22/11/24 23:00	8	32	1	15	15	2	26.5	52	0.2	349	22
23/11/24 00:00	15	56	1	30	32	2	26.8	48	1.8	313	19
23/11/24 01:00	9	44	1	28	29	2	26.1	48	0.9	330	31
23/11/24 02:00	10	49					25.7	46	0.6	19	21
23/11/24 03:00	6	35	0	13	14	2	27.7	36	2.3	24	15
23/11/24 04:00	2	30	0	9	9	1	28.4	32	2.2	15	19
23/11/24 05:00	2	33	0	9	9	1	28.0	33	2.2	13	20
23/11/24 06:00	5	48	0	11	11	1	27.9	33	2.2	15	22
23/11/24 07:00	7	54	1	13	14	1	28.8	32	2.8	15	20
23/11/24 08:00	5	68	2	10	12	1	30.4	29	3.4	1	22
23/11/24 09:00	2	59	2	9	11	1	31.4	27	2.4	343	30
23/11/24 10:00	1	88	1	8	9	1	33.9	24	2.6	358	29
23/11/24 11:00	2	75	1	7	8	1	35.4	20	2.3	309	27
23/11/24 12:00	2	36	1	5	6	1	35.6	18	4.4	285	17
23/11/24 13:00	0	24	1	3	4	1	36.2	18	4.3	294	18
23/11/24 14:00	0	29	1	3	4	1	36.1	18	3.9	286	19
23/11/24 15:00	1	24	1	3	4	1	35.6	19	3.5	280	17
23/11/24 16:00	2	43	1	7	8	1	32.9	27	3.9	245	12
23/11/24 17:00	7	43	0	2	2	1	23.3	63	4.1	162	14
23/11/24 18:00	6	29	2	9	10	1	22.5	66	4.8	189	8
23/11/24 19:00	7	34	0	3	3	1	21.9	72	1.7	121	18
23/11/24 20:00	5	40	0	3	3	1	22.0	73	1.6	122	21
23/11/24 21:00	4	18	0	2	2	1	22.5	73	1.7	116	19
23/11/24 22:00	5	13	0	1	2	1	22.4	75	1.3	160	27
23/11/24 23:00	2	12	1	2	3	1	22.0	79	0.8	139	25
24/11/24 00:00	2	14	0	2	2	1	21.9	80	0.4	127	18
24/11/24 01:00	4	17	0	4	4	1	21.5	82	0.7	68	19
24/11/24 02:00	6	15					22.0	75	0.8	103	11
24/11/24 03:00	4	12	0	6	6	1	21.5	83	0.7	150	16
24/11/24 04:00	2	17	0	7	7	1	20.6	90	1.2	199	14
24/11/24 05:00	0	17	0	8	8	1	20.3	90	1.8	207	6
24/11/24 06:00	0	12	0	5	5	1	19.8	93	2.4	212	3
24/11/24 07:00	-1	15	0	4	4	1	19.4	96	1.7	216	7
24/11/24 08:00	1	12	13	9	22	1	19.4	97	0.9	113	16
24/11/24 09:00	2	10	11	9	20	1	19.6	97	0.5	142	28
24/11/24 10:00	0	7	6	11	17	1	19.9	97	0.9	185	20
24/11/24 11:00	3	12	20	22	42	1	20.2	96	1.6	182	14
24/11/24 12:00	11	13	24	25	49	1	20.5	95	1.6	187	12
24/11/24 13:00	4	10	20	17	37	1	21.0	92	1.6	163	20
24/11/24 14:00	-2	7	2	7	10	1	21.3	89	1.5	160	23
24/11/24 15:00	1	7	2	9	11	1	21.9	85	1.6	160	23
24/11/24 16:00	1	7	1	4	5	1	22.1	84	1.6	169	23
24/11/24 17:00	0	14	11	20	30	1	21.5	88	2.1	179	17
24/11/24 18:00	0	14	7	15	22	1	20.9	91	2.8	190	9
24/11/24 19:00	3	15	0	3	4	1	19.9	94	4.3	190	5
24/11/24 20:00	4	6	0	3	3	1	19.1	97	4.6	203	7
24/11/24 21:00	2	11	0	2	2	1	19.2	98	4.7	190	6
24/11/24 22:00	1	18	9	6	15	1	19.2	96	5.2	188	6
24/11/24 23:00	2	10	0	2	2	1	19.0	96	4.0	187	8
25/11/24 00:00	4	14	0	1	1	1	18.8	97	4.5	188	6
25/11/24 01:00	6	11	0	1	1	2	18.7	97	3.4	185	9
25/11/24 02:00	4	12					18.5	98	3.3	182	11
25/11/24 03:00	1	14	0	1	1	2	18.4	98	3.7	184	11
25/11/24 04:00	0	11	0	1	1	2	18.2	98	2.7	172	17
25/11/24 05:00	-2	9	0	1	1	2	18.0	97	3.1	181	11
25/11/24 06:00	0	14	3	3	5	2	18.2	96	2.6	171	18
25/11/24 07:00	3	15	12	11	23	2	18.3	95	2.4	180	12
25/11/24 08:00	0	6	27	14	41	2	18.1	97	3.0	190	10
25/11/24 09:00	0	6	18	9	27	2	18.0	98	4.8	205	8
25/11/24 10:00	9	23	105	20	125	3	18.0	98	3.8	196	11
25/11/24 11:00	6	9	25	6	30	2	17.9	97	3.5	203	9
25/11/24 12:00	1	9	3	6	9	2	17.8	97	3.2	205	9
25/11/24 13:00	5	15	1	4	5	2	18.1	96	2.6	203	10
25/11/24 14:00	5	13	2	5	7	2	18.4	96	3.5	210	7
25/11/24 15:00	0	17	2	3	5	2	18.6	96	3.8	226	6
25/11/24 16:00	4	23	45	10	55	2	18.6	95	2.8	197	8
25/11/24 17:00	4	17	0	5	5	2	19.0	94	2.1	176	14
25/11/24 18:00	7	15	0	6	6	2	19.1	94	2.9	181	11
25/11/24 19:00	5	18	0	7	7	2	19.2	94	2.4	184	10
25/11/24 20:00	3	15	0	2	2	2	19.5	94	2.1	182	12
25/11/24 21:00	4	16	0	3	3	2	19.4	95	3.5	192	6
25/11/24 22:00	3	13	0	3	3	2	19.3	95	3.3	194	5
25/11/24 23:00	3	16	0	2	2	2	19.2	95	1.7	188	9
26/11/24 00:00	2	12	0	1	1	2	19.0	96	2.2	212	6
26/11/24 01:00	0	17	0	2	2	2	19.0	96	2.4	221	6
26/11/24 02:00	3	13					19.1	96	3.3	218	6
26/11/24 03:00	8	23	5	17	21	2	18.6	97	2.9	252	7
26/11/24 04:00	5	15	2	6	7	2	18.4	98	2.9	207	7
26/11/24 05:00	3	11	1	4	6	2	18.3	99	1.9	227	8
26/11/24 06:00	3	15	1	15	17	2	18.3	99	1.9	247	9
26/11/24 07:00	9	20	3	16	19	2	18.3	99	1.0	275	14
26/11/24 08:00	17	40	13	22	35	2	18.5	98	1.3	277	14
26/11/24 09:00	18	33	21	22	44	2	18.9	96	1.4	253	11
26/11/24 10:00	10	35	18	19	37	2	20.3	89	1.0	179	21
26/11/24 11:00	16	27	7	10	17	2	22.4	79	1.3	151	28
26/11/24 12:00	8	21	3	6	10	2	22.7	78	2.1	169	19
26/11/24 13:00	15	17	2	5	7	2	23.2	76	2.6	177	14
26/11/24 14:00	6	8	0	2	2	2	23.3	75	2.4	160	26
26/11/24 15:00	4	11	0	1	2	2	23.6	75	2.6	170	18
26/11/24 16:00	5	10	0	1	1	2	23.8	75	2.2	171	20
26/11/24 17:00	3	8	0	2	2	2	23.7	77	3.7	193	9
26/11/24 18:00	1	7	0	2	3	2	24.1	75	1.7	174	17
26/11/24 19:00	0	15	0	3	4	2	23.4	82	2.2	141	17
26/11/24 20:00	5	24	0	5	5	2	25.1	72	3.9	107	10
26/11/24 21:00	2	28	0	6	6		24.9	74	2.8	93	11
26/11/24 22:00	3	20	0	7	7	2	24.7	78	1.2	64	15
26/11/24 23:00	5	16	0	10	10	2	24.2	80	0.9	20	20
27/11/24 00:00	6	52	1	26	27	2	23.3	80	0.7	351	22

Station Pier Ambient Air Quality Monitoring											
November 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 (°)
27/11/24 01:00	5	28	4	29	33	2	22.9	81	0.7	313	27
27/11/24 02:00	5	23					22.7	82	0.4	310	19
27/11/24 03:00	11	31	15	30	45	1	22.6	85	1.0	274	17
27/11/24 04:00	3	10	1	10	11	1	22.4	88	2.1	29	21
27/11/24 05:00	-3	8	0	5	5	1	21.7	93	1.9	43	18
27/11/24 06:00	-1	17	0	10	10	1	21.8	91	2.2	328	27
27/11/24 07:00	0	9	1	14	15	1	21.5	94	2.3	354	27
27/11/24 08:00	0	8	3	12	15	1	21.8	88	2.4	359	24
27/11/24 09:00	-2	7	5	19	24	1	23.2	83	1.7	357	28
27/11/24 10:00	-2	10	4	9	12	2	25.6	73	2.8	327	31
27/11/24 11:00	1	15	2	6	8	1	27.6	64	4.2	353	27
27/11/24 12:00	2	15	2	5	7	1	29.0	55	3.8	328	29
27/11/24 13:00	1	9	1	4	5	1	29.8	48	4.4	306	24
27/11/24 14:00	1	35	2	7	8	1	25.2	63	6.5	264	10
27/11/24 15:00	0	23	3	13	16	1	24.6	70	2.5	277	18
27/11/24 16:00	-3	8	2	10	12	1	27.0	67	0.7	5	28
27/11/24 17:00	2	38	5	11	16	1	21.7	90	4.7	191	17
27/11/24 18:00	7	46	3	5	8	1	20.3	95	6.0	194	9
27/11/24 19:00	7	30	3	4	8	1	19.8	91	4.4	173	14
27/11/24 20:00	4	20	0	1	2	1	19.6	90	3.9	147	16
27/11/24 21:00	8	23	3	4	6	1	19.2	86	4.9	191	9
27/11/24 22:00	5	29	2	3	5	1	18.4	84	3.4	158	16
27/11/24 23:00	4	23	0	2	3	1	18.1	83	2.5	107	13
28/11/24 00:00	3	22	0	4	4	1	18.1	85	1.6	83	13
28/11/24 01:00	2	18	0	6	6	2	18.3	84	0.6	149	30
28/11/24 02:00	4	18					18.2	82	1.3	69	12
28/11/24 03:00	5	59	0	5	5	2	18.1	82	0.8	68	14
28/11/24 04:00	6	12	0	5	5	2	18.2	80	2.3	224	9
28/11/24 05:00	6	19	2	8	10	2	18.3	78	3.0	233	6
28/11/24 06:00	4	11	1	2	3	2	18.4	76	2.8	216	7
28/11/24 07:00	2	9	2	7	9	2	18.5	76	1.5	228	10
28/11/24 08:00	1	9	6	7	13	3	19.8	69	1.0	198	17
28/11/24 09:00	0	8	2	2	4	3	19.4	74	3.7	198	5
28/11/24 10:00	3	11	2	3	5	3	20.5	70	2.1	181	18
28/11/24 11:00	4	12	1	2	4	3	21.7	64	2.7	181	14
28/11/24 12:00	2	12	1	2	2	2	22.0	63	2.8	176	15
28/11/24 13:00	2	10	0	1	1	3	23.0	60	3.0	174	14
28/11/24 14:00	5	15	0	1	1	2	23.3	62	3.6	166	17
28/11/24 15:00	3	22	0	1	1	2	23.6	66	4.0	175	13
28/11/24 16:00	3	22	0	1	1	2	23.7	68	4.1	177	13
28/11/24 17:00	2	23	0	1	1	2	24.2	67	3.8	165	19
28/11/24 18:00	2	22	0	1	2	2	23.7	70	4.4	160	20
28/11/24 19:00	2	25	0	1	1	2	23.0	76	3.6	161	22
28/11/24 20:00	0	15	0	2	2	2	22.3	76	4.9	128	15
28/11/24 21:00	2	15	0	3	3	2	21.5	79	4.1	125	14
28/11/24 22:00	3	10	0	4	4	2	21.3	80	4.0	128	16
28/11/24 23:00	3	18	0	8	8	3	21.0	80	4.1	110	14
29/11/24 00:00	2	20	0	5	5	3	20.4	83	4.9	101	8
29/11/24 01:00	2	30	0	2	2	2	20.2	83	3.8	93	10
29/11/24 02:00	-1	19					20.0	84	2.8	95	10
29/11/24 03:00	-1	18	0	2	2	2	19.8	86	2.5	93	9
29/11/24 04:00	1	16	0	2	2	2	19.5	88	1.6	91	11
29/11/24 05:00	-1	9	0	3	3	1	19.3	88	1.3	84	13
29/11/24 06:00	-2	9	2	8	10	1	19.7	85	1.7	88	12
29/11/24 07:00	-3	11	4	8	12	2	20.8	79	1.9	101	12
29/11/24 08:00	-3	10	7	8	14	2	22.3	72	1.2	133	22
29/11/24 09:00	-1	11	5	6	11	1	22.8	71	1.9	196	13
29/11/24 10:00	-3	10	6	8	15	2	22.4	75	3.3	201	6
29/11/24 11:00	0	14	12	13	25	1	23.4	73	3.4	192	10
29/11/24 12:00	2	19	18	17	35	2	23.6	76	4.0	199	6
29/11/24 13:00	2	16	22	18	40	2	24.1	76	3.9	197	7
29/11/24 14:00	6	21	36	20	56	2	24.4	77	4.2	199	7
29/11/24 15:00	8	27	30	18	47	2	25.4	75	3.8	195	10
29/11/24 16:00	5	29	1	3	3	2	28.1	63	4.0	145	17
29/11/24 17:00	3	38	1	3	4	2	28.0	58	6.2	124	12
29/11/24 18:00	4	34	1	4	5	2	27.8	60	5.3	110	15
29/11/24 19:00	2	35	1	4	4	2	26.1	68	5.8	106	11
29/11/24 20:00	1	36	0	3	3	2	23.8	73	5.9	96	8
29/11/24 21:00	1	27	0	3	3	2	22.8	76	3.6	94	11
29/11/24 22:00	-2	17	0	4	4	1	22.7	76	2.5	89	12
29/11/24 23:00	0	19	0	6	6	2	22.9	76	1.0	106	18
30/11/24 00:00	0	7	0	5	5	1	22.3	80	2.3	119	14
30/11/24 01:00	1	16	0	6	6	1	22.0	81	3.0	96	8
30/11/24 02:00	1	7					22.0	79	1.2	50	12
30/11/24 03:00	0	10	2	9	11	1	22.1	80	0.6	134	23
30/11/24 04:00	-1	8	0	3	3	1	21.6	83	1.8	101	11
30/11/24 05:00	-4	9	0	3	3	1	21.3	84	1.2	116	18
30/11/24 06:00	-5	6	9	6	15	1	21.0	86	1.7	125	18
30/11/24 07:00	-3	10	15	8	22	1	20.9	87	1.4	94	12
30/11/24 08:00	-1	9	17	10	27	1	20.7	91	1.4	117	16
30/11/24 09:00	-1	7	7	6	13	1	20.6	93	2.0	120	16
30/11/24 10:00	-3	6	4	5	9	1	20.6	94	2.8	128	16
30/11/24 11:00	-1	6	3	6	9	1	20.9	94	3.3	115	16
30/11/24 12:00	0	7	2	5	7	1	21.3	93	3.5	112	15
30/11/24 13:00	-3	9	2	4	6	1	22.1	90	4.8	100	7
30/11/24 14:00	-4	14	3	5	8	1	22.5	91	3.7	91	10
30/11/24 15:00	-2	8	7	8	15	1	23.5	85	3.2	67	15
30/11/24 16:00	-2	4	4	5	9	1	24.5	79	2.6	51	17
30/11/24 17:00	-4	5	2	7	9	1	23.6	84	2.1	317	21
30/11/24 18:00	-4	4	1	6	7	1	23.2	83	3.4	280	14
30/11/24 19:00	-3	7	1	5	6	1	24.1	73	4.1	269	12
30/11/24 20:00	-2	7	0	6	6	1	23.4	71	4.4	277	14
30/11/24 21:00	0	10	0	6	6	1	22.3	76	2.6	279	14
30/11/24 22:00	0	10	0	7	7	1	21.6	76	1.8	288	14
30/11/24 23:00	-3	10	0	12	12	1	21.0	78	0.8	304	21
01/12/24 00:00	1	10	5	24	29	1	20.6	81	0.9	310	21

Station Pier Ambient Air Quality Monitoring

November 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 (°)
11/1/2024	1	19	4	4	9	2	14.7	61	4.2	178	11
11/2/2024	2	26	4	7	12	2	19.7	42	1.8	4	25
11/3/2024	6	37	1	2	3	2	20.1	53	1.8	195	19
11/4/2024	15	34	70	15	85	6	16.5	64	2.4	202	12
11/5/2024	7	25	22	18	40	4	18.4	61	0.8	147	17
11/6/2024	5	43	3	7	9	2	23.7	46	3.5	354	25
11/7/2024	4	21	6	8	14	2	17.1	69	1.9	186	18
11/8/2024	3	20	3	8	11	2	16.0	61	4.7	247	12
11/9/2024	6	27	12	11	24	3	15.5	60	0.5	183	19
11/10/2024	3	21	4	6	10	2	16.6	68	1.7	175	17
11/11/2024	4	25	12	9	22	3	17.6	74	1.9	181	16
11/12/2024	9	31	11	14	24	3	18.5	80	1.1	218	15
11/13/2024	6	25	10	10	20	2	17.7	79	3.4	193	15
11/14/2024	3	22	0	1	1	3	15.9	60	3.9	174	15
11/15/2024	3	25	5	6	11	2	16.3	66	2.3	162	11
11/16/2024	5	34	4	13	17	3	25.5	43	2.2	357	22
11/17/2024	14	34	1	6	6	2	21.2	49	5.0	256	14
11/18/2024	4	25	2	4	5	2	16.2	67	3.8	221	12
11/19/2024	1	18	2	3	5	2	15.9	61	3.8	180	14
11/20/2024	1	18	2	2	4	1	15.7	69	3.4	173	14
11/21/2024	8	33	8	12	20	2	18.5	77	1.1	227	18
11/22/2024	9	45	6	16	22	2	25.4	56	0.9	115	19
11/23/2024	4	39	1	7	8	1	28.3	43	0.7	315	20
11/24/2024	2	12	6	9	14	1	20.4	92	2.0	186	13
11/25/2024	3	14	10	5	15	2	18.6	96	2.9	193	10
11/26/2024	6	20	3	9	13	2	21.7	85	1.3	186	15
11/27/2024	2	20	3	9	12	1	22.7	80	0.5	263	20
11/28/2024	3	17	1	3	4	2	20.9	74	2.4	161	14
11/29/2024	1	20	6	7	14	2	23.0	76	2.3	132	11
11/30/2024	-2	8	4	7	11	1	22.0	84	0.7	95	15

Valid Data Exception Table

November 2024

GHD Station Pier

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/11/24 00:00	01/12/24 00:00	Static offset of +1.6 ppb applied to correct SO ₂ baseline	SO ₂	AA	11/12/24
01/11/24 01:00	30/11/24 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	11/12/24
01/11/24 10:20	30/11/24 15:05	Intermittent unrealistic negative readings	NO, NO ₂ , NO _x	AA	11/12/24
01/11/24 23:45	30/11/24 23:50	Automatic background checks from 23:45 to 23:50 every night	SO ₂	AA	11/12/24
06/11/24 13:45	07/11/24 07:00	Instrument fault - Wind data flatlined	WS, WD, Sigma	AA	11/12/24
07/11/24 07:00	07/11/24 08:50	Scheduled monthly maintenance	NO, NO ₂ , NO _x , SO ₂ , PM _{2.5} , PM ₁₀	AA	11/12/24
13/11/24 02:00	14/11/24 00:55	Linear offsets of A= +0.5ppb; B = +1.5ppb applied to correct baseline drift	SO ₂	AA	11/12/24

Kunak VIC 6

Start Date	End Date	Reason	Change Details	User Name	Change Date
03/11/24 00:05	30/11/24 23:25	Intermittent instrument fault - Data transmission error	NO ₂ , O ₃ , SO ₂ , PM _{2.5} , PM ₁₀	AA	11/12/24
07/11/24 07:25	07/11/24 07:30	Power interruption followed by instrument stabilisation	All parameters	AA	11/12/24
07/11/24 08:00	07/11/24 11:30	Scheduled monthly maintenance	Nil	AA	11/12/24

Kunak VIC 7- 40 Beacon Vista

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/11/24 12:20	24/11/24 23:10	Intermittent instrument fault - Data transmission error	PM _{2.5} , PM ₁₀	AA	11/12/24

13/11/24 02:15	13/11/24 02:35	Power interruption followed by instrument stabilisation	All parameters	AA	11/12/24
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Kunak VIC 8 - Site 2

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/11/24 00:00	01/12/24 00:00	Sensor powered up in workshop after repair, testing before data collection begins	Nil	AA	11/12/24

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



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