



Station Pier Air Quality Monitoring Program

**Air Quality Monitoring Report –
September 2024**

Ports Victoria

25 October 2024

→ **The Power of Commitment**



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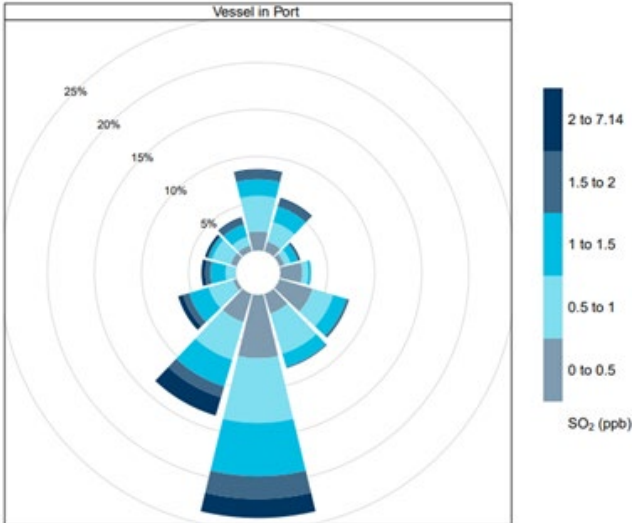
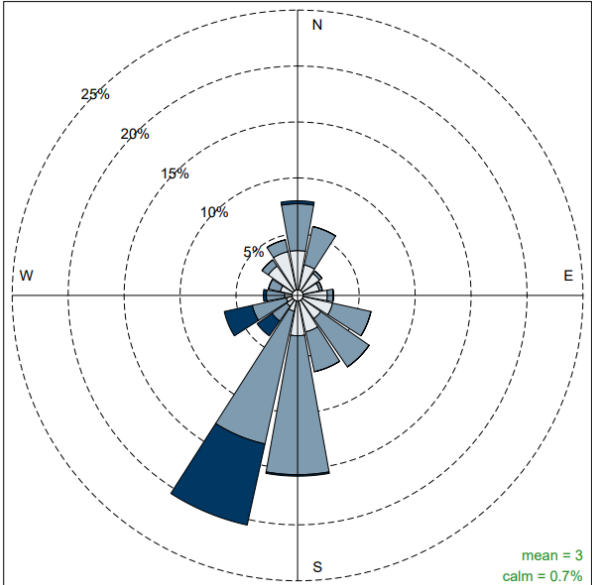
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Glossary of terms

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.

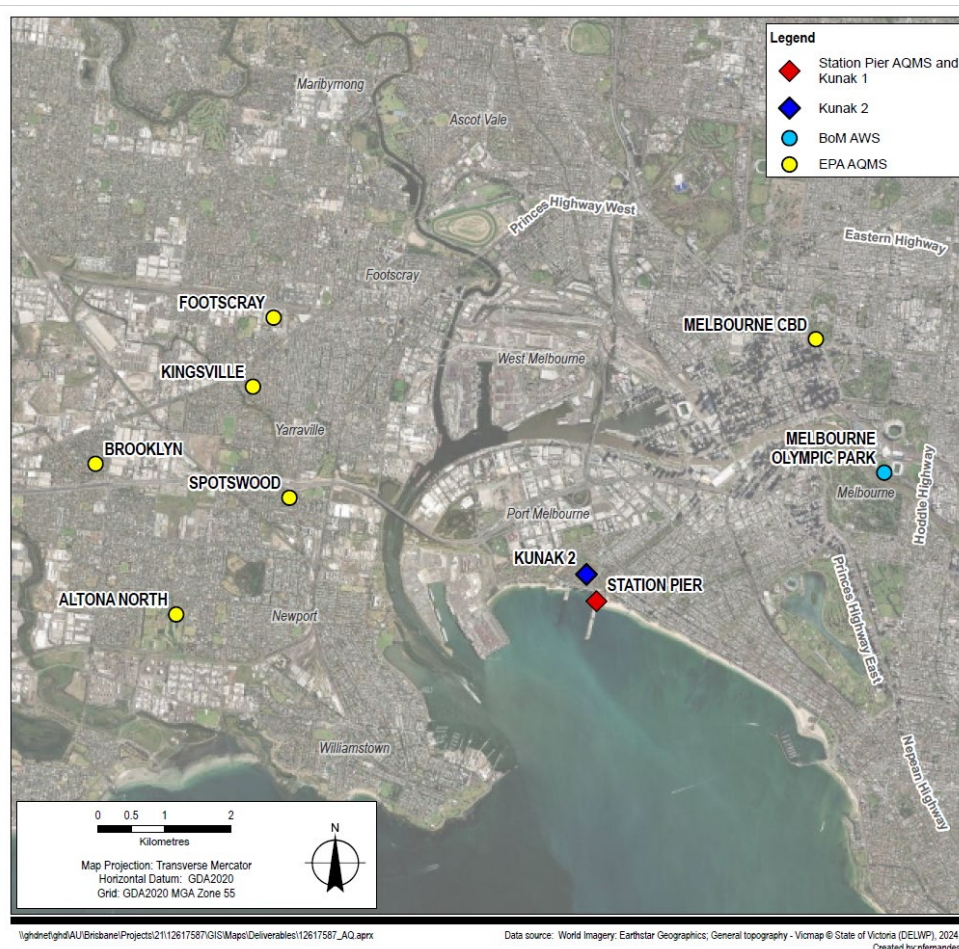


Figure 1 Air quality monitoring program location

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 – September 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 September 2024 to 30 September 2024. - Other impacts to air quality in the region.	Appendix B
5	Data analysis – Long term	Detailed analysis of data for the entire monitoring period, between 4 December 2024 and 30 September 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 September 2024 to 30 September 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 September 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 on this day was 32.7 $\mu\text{g}/\text{m}^3$, which is 35% below the criterion.

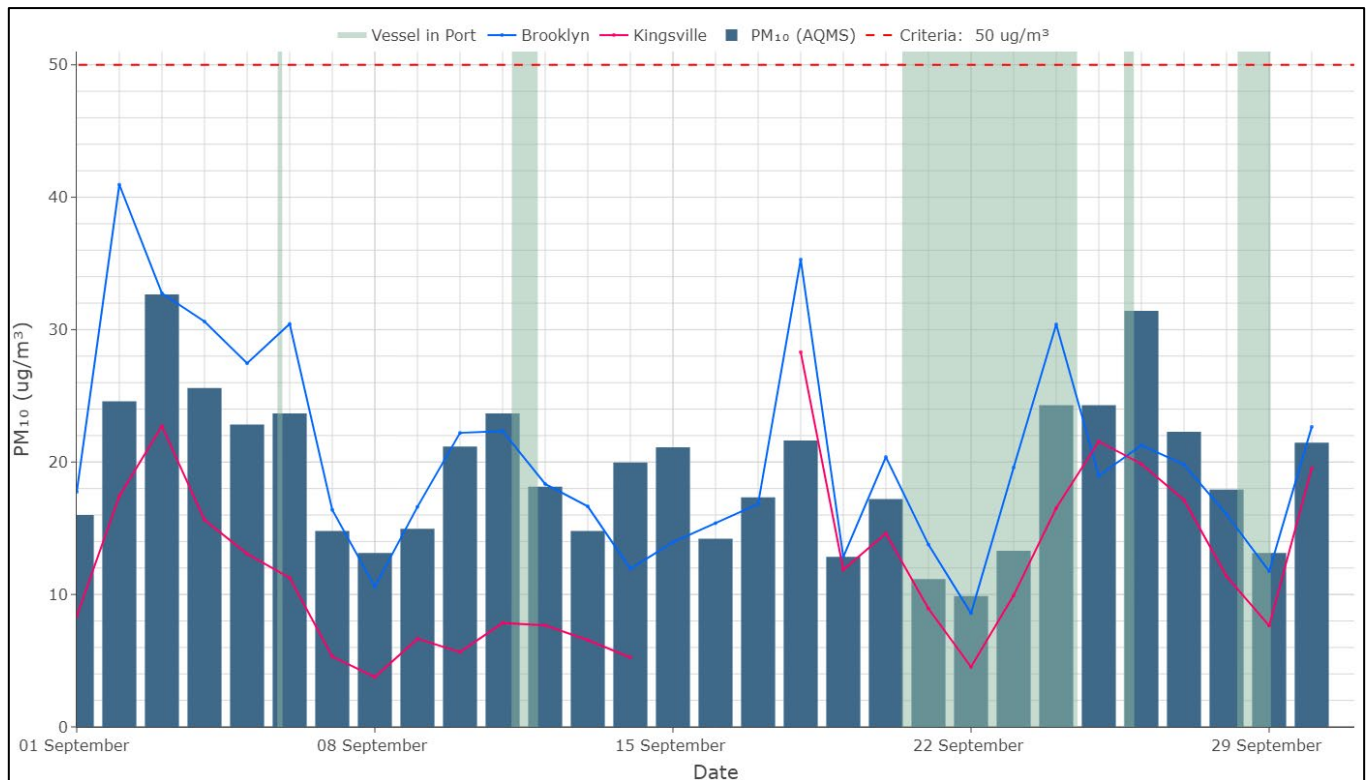


Figure 2 24-hour average PM₁₀ concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier and local EPA stations (September 2024) (criteria: 50 $\mu\text{g}/\text{m}^3$)

3.2 PM_{2.5}

The 24-hour average PM_{2.5} concentrations observed in September 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 on this day was 8.7 µg/m³, which was 65% below the criterion.

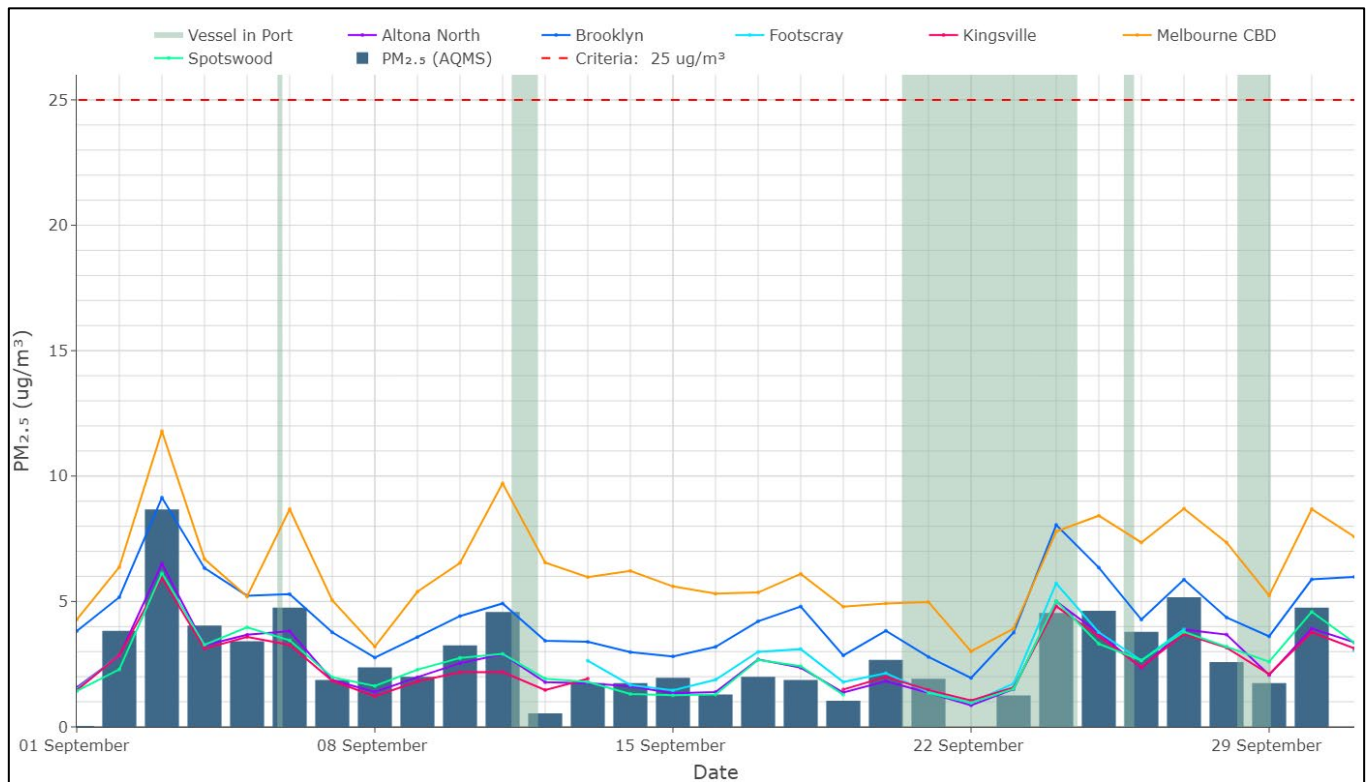


Figure 3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (September 2024) (criteria: 25 µg/m³)

3.3 NO₂

The hourly average NO₂ concentrations observed in September 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 37.6 ppb, which is 53% below the criterion.

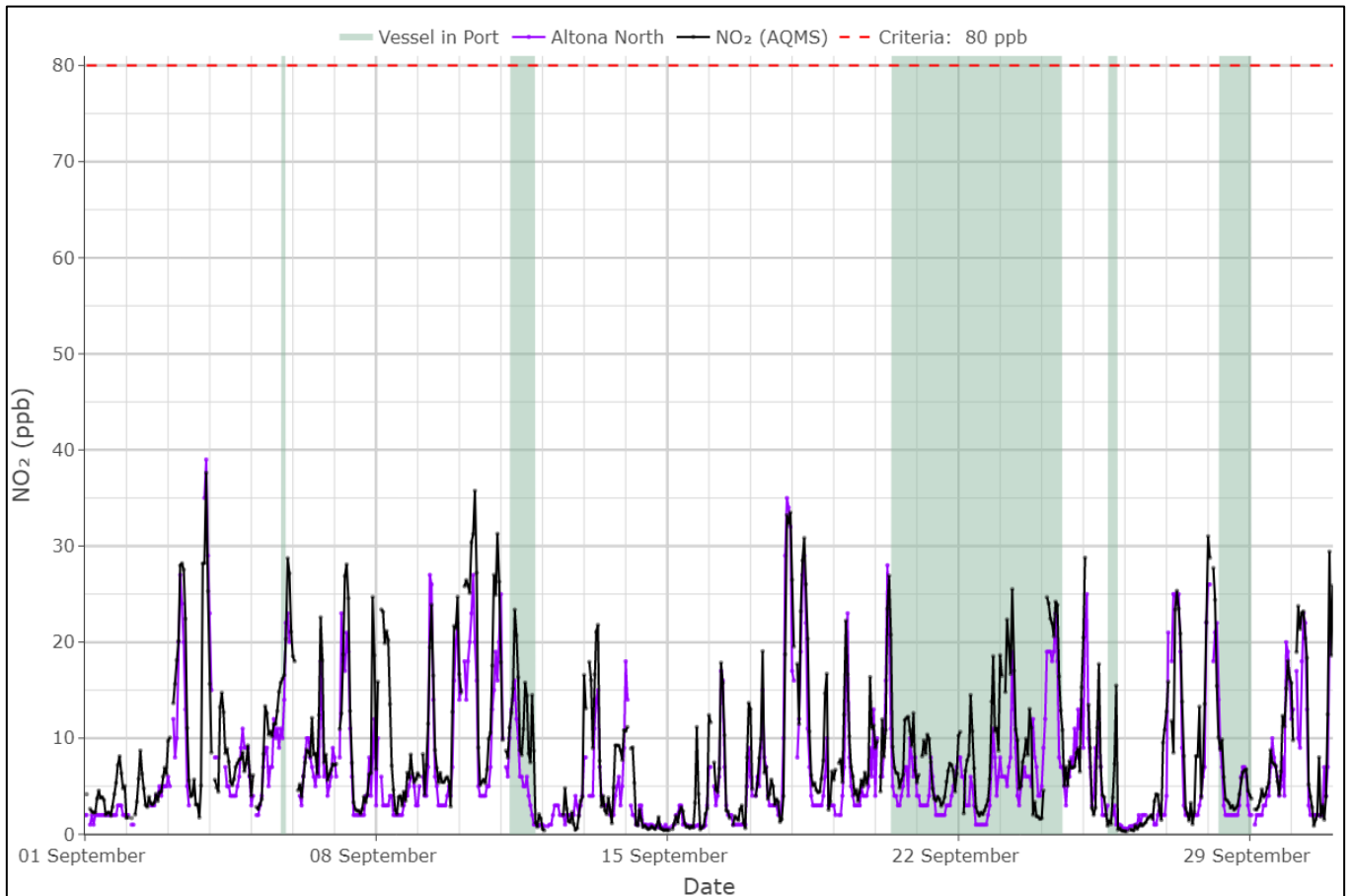


Figure 4 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (September 2024) (criteria: 80 ppb)

3.4 SO₂

The hourly and 24-hour average SO₂ concentrations observed in September 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 3.3 ppb, which is 96% below the criterion.
- All 24-hour average SO₂ concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 2.2 ppb, which is 89% below the criterion.

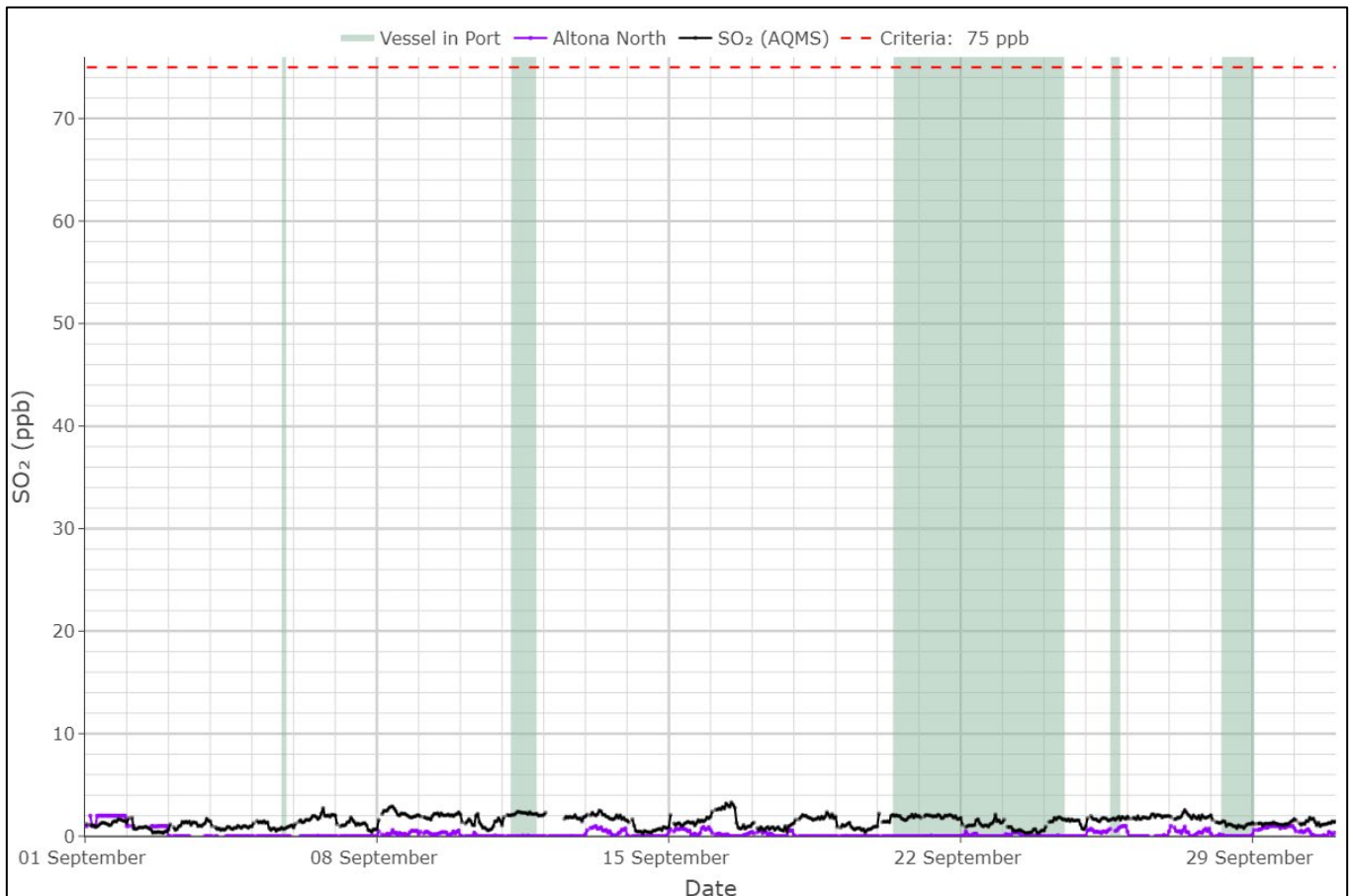


Figure 5 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA Station (September 2024) (criteria: 75 ppb)

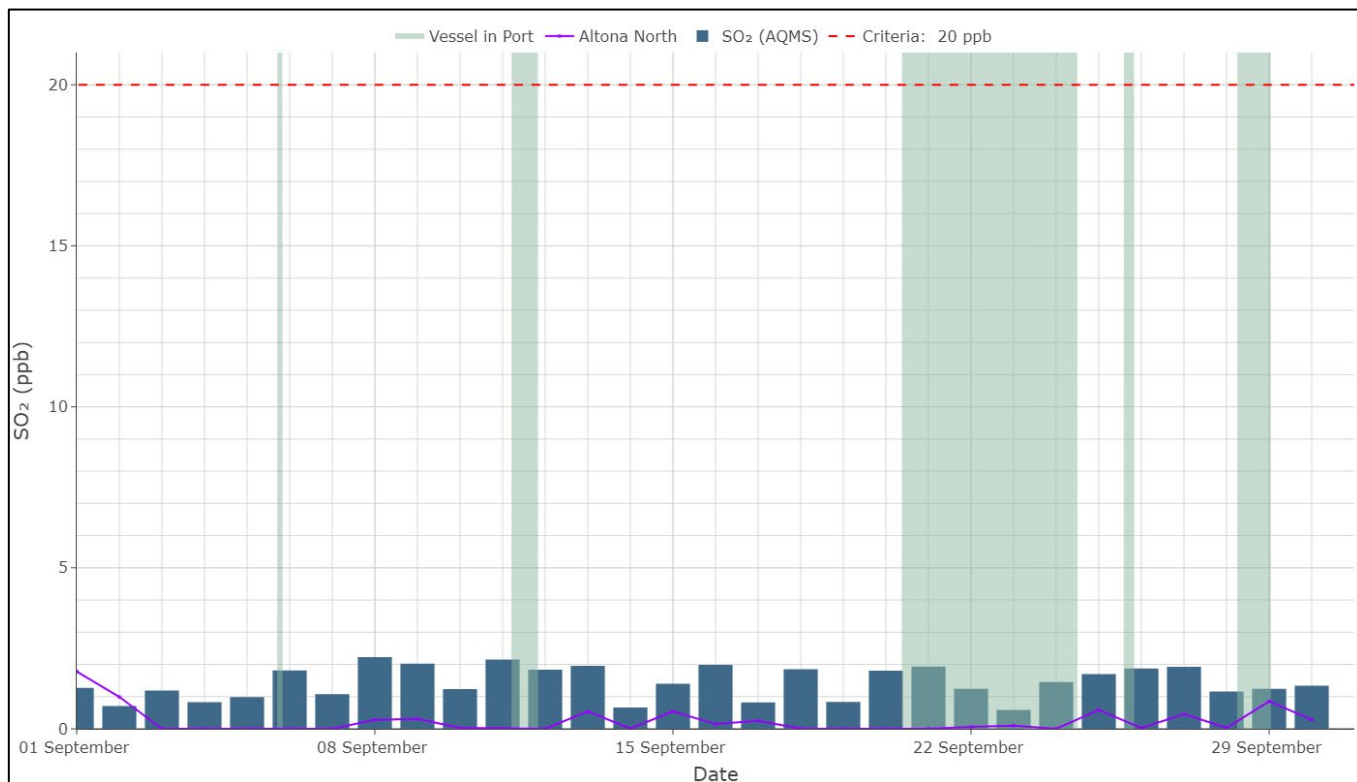


Figure 6 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA Station (September 2024) (criteria: 20 ppb)

3.5 Summary

All observations of PM₁₀, PM_{2.5} and NO₂ and SO₂ during the month of September 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 – September 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 September 2024 to 30 September 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 September 2024 to 30 September 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 September 2024	Reason for missing data
PM ₁₀	µg/m ³	99%	- Intermittent power interruption followed by instrument stabilisation (2 September 02:45 to 16 September 12:55) - Scheduled 3 monthly maintenance (12 September 08:00 to 11:30)
PM _{2.5}	µg/m ³	99%	- Intermittent power interruption followed by instrument stabilisation (2 September 02:45 to 16 September 12:55) - Scheduled 3 monthly maintenance (12 September 08:00 to 11:30)
NO ₂	ppb	94%	- Intermittent power interruption followed by instrument stabilisation (2 September 02:45 to 16 September 12:55) - Scheduled 3 monthly maintenance (12 September 08:00 to 11:30) - Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation (1 September 01:00 to 30 September 01:55) - Intermittent unrealistic negative reading (14 September 05:25 to 25 September 19:00)
SO ₂	ppb	95%	- Intermittent power interruption followed by instrument stabilisation (2 September 02:45 to 16 September 12:55) - Scheduled 3 monthly maintenance (12 September 08:00 to 11:30) - Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation (1 September 01:00 to 30 September 01:55) - Automatic background checks every night between 23:45 and 23:50 (1 September 23:45 to 30 September 23:50). - Static offset of +1.2 ppb applied to correct SO₂ baseline (1 September 00:00 to 1 October 00:00) - Linear offsets of A=0ppb; B=+0.5ppb and A=0ppb; B=+1.0ppb applied to correct baseline drift (2 September 02:45 to 16 September 12:55)
Wind speed	m/s	99%	- Intermittent power interruption followed by instrument stabilisation (2 September 02:45 to 16 September 12:55) - Scheduled 3 monthly maintenance (12 September 08:00 to 11:30)
Wind direction	°	99%	- Intermittent power interruption followed by instrument stabilisation (2 September 02:45 to 16 September 12:55) - Scheduled 3 monthly maintenance (12 September 08:00 to 11:30)
Ambient temperature	°C	99%	Intermittent power interruption followed by instrument stabilisation (2 September 02:45 to 16 September 12:55)
Relative humidity	%	99%	Intermittent power interruption followed by instrument stabilisation (2 September 02:45 to 16 September 12:55)
Sigma	°	99%	- Intermittent power interruption followed by instrument stabilisation (2 September 02:45 to 16 September 12:55) - Scheduled 3 monthly maintenance (12 September 08:00 to 11:30)

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 September 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 west comprising 16% of all incident winds, followed by winds from the west-northwest (14%) and the north (12%).
- The average wind speed was at 3.8 m/s.
- Calms (wind speeds less than 0.5 m/s) occurred 1.4% of the time.
- Winds from the south to west and west to north each occurred between 5 and 10% of the time, except for winds from the southwest.
- Winds from the northeast to the south-southeast, and southwest each occurred for less than 5% of the time.

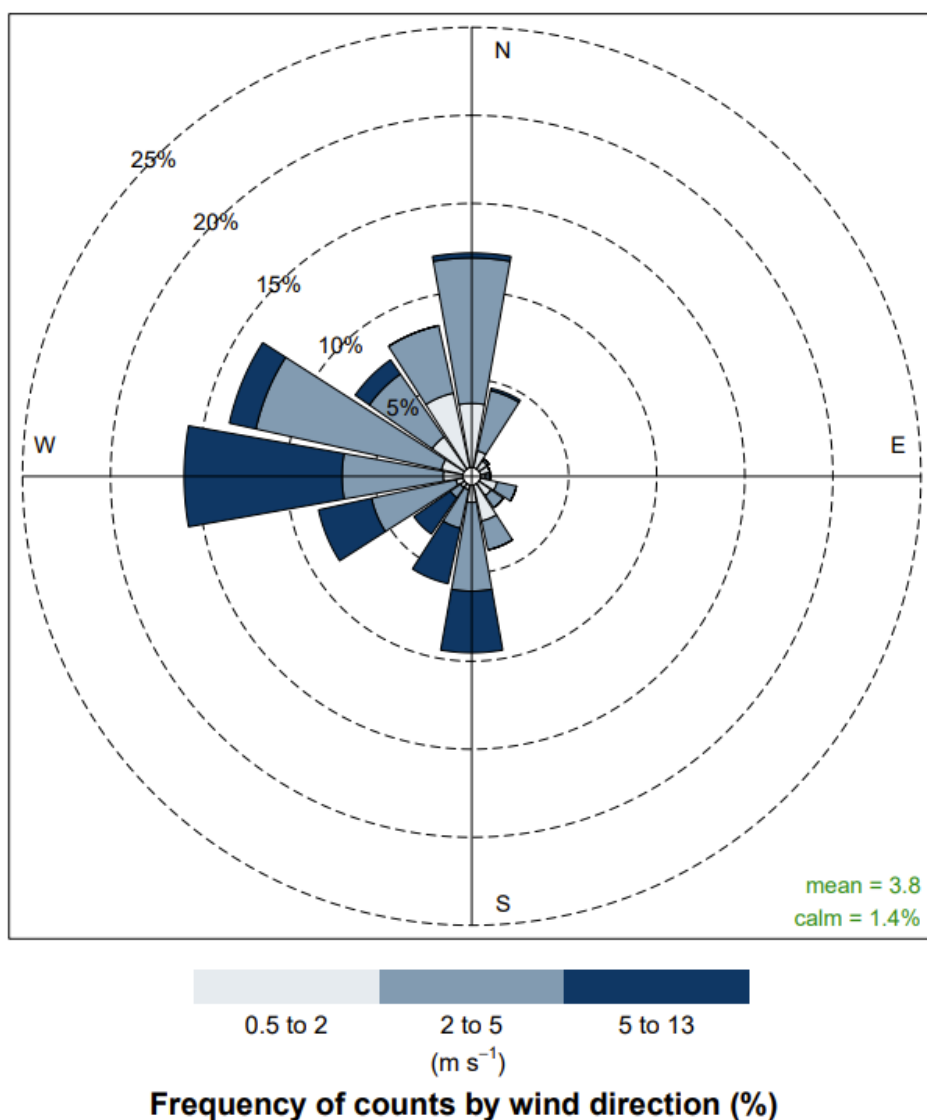


Figure B.2 September 2024 windrose at Station Pier

B-2-2 Other meteorological parameters

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

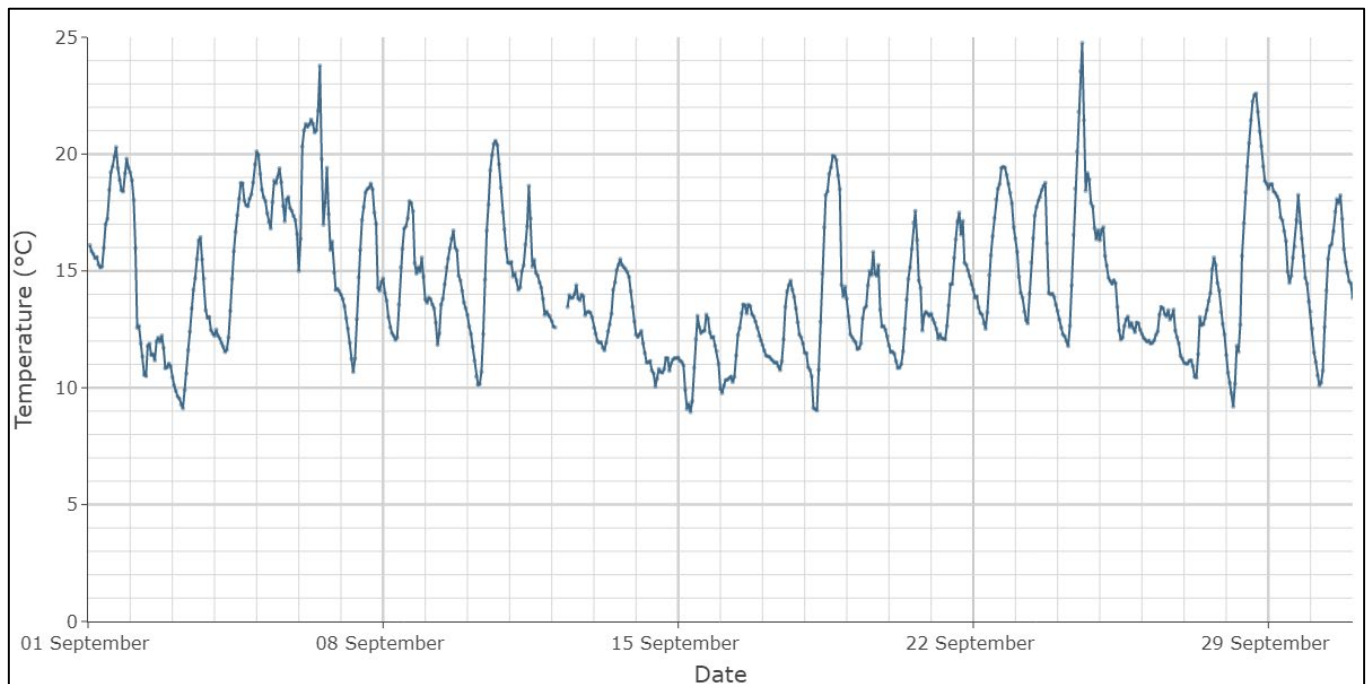


Figure B.3 September 2024 temperature observations at Station Pier

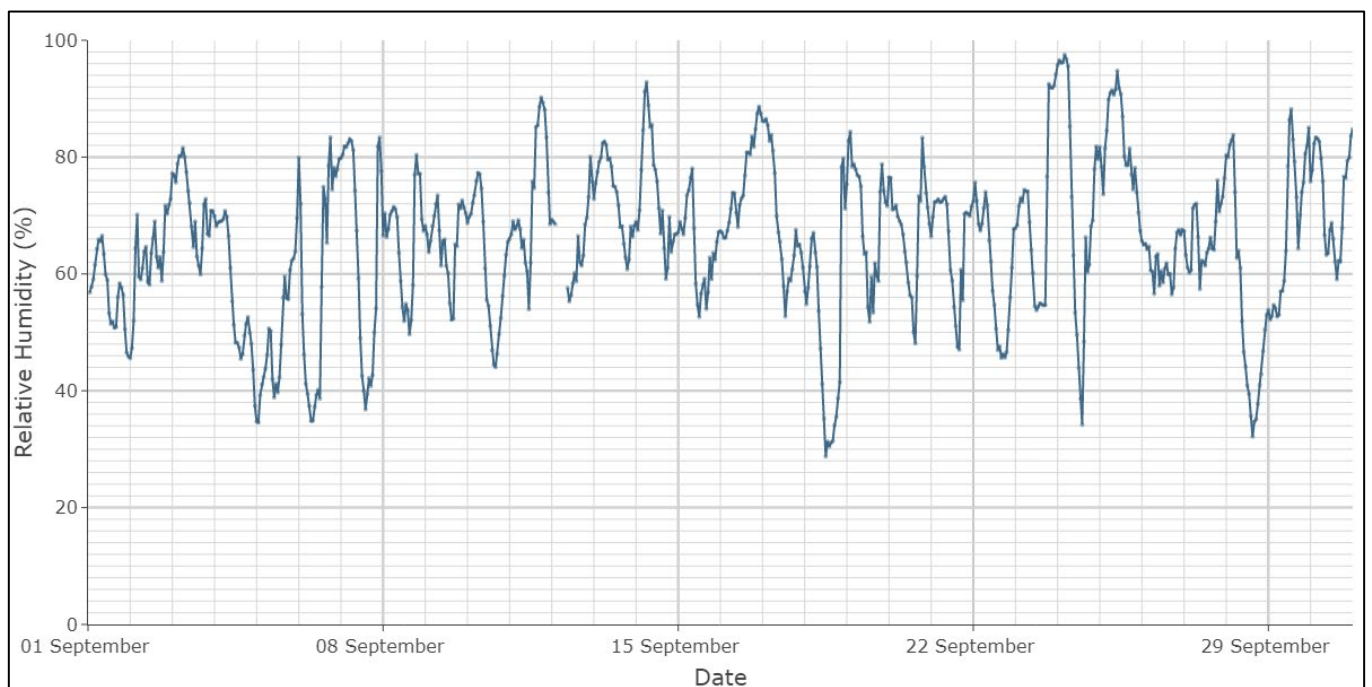


Figure B.4 September 2024 relative humidity observations at Station Pier

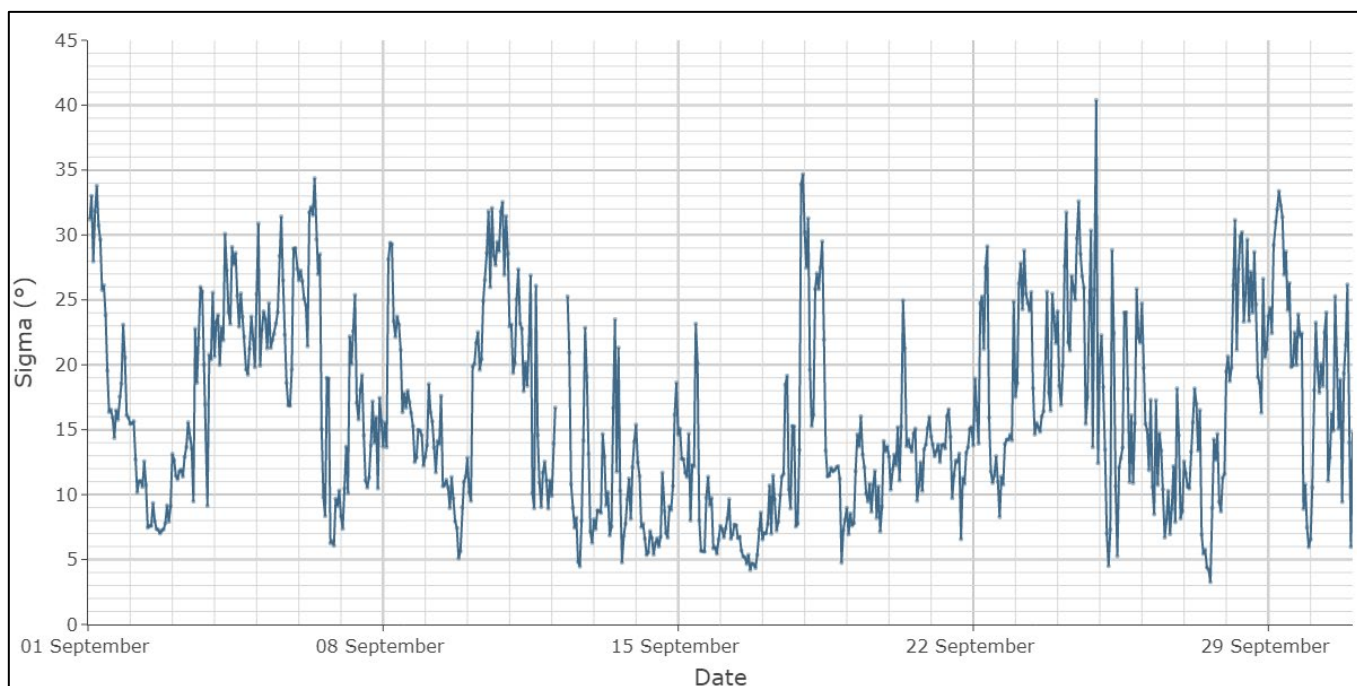


Figure B.5 *September 2024 sigma observations at Station Pier*

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.

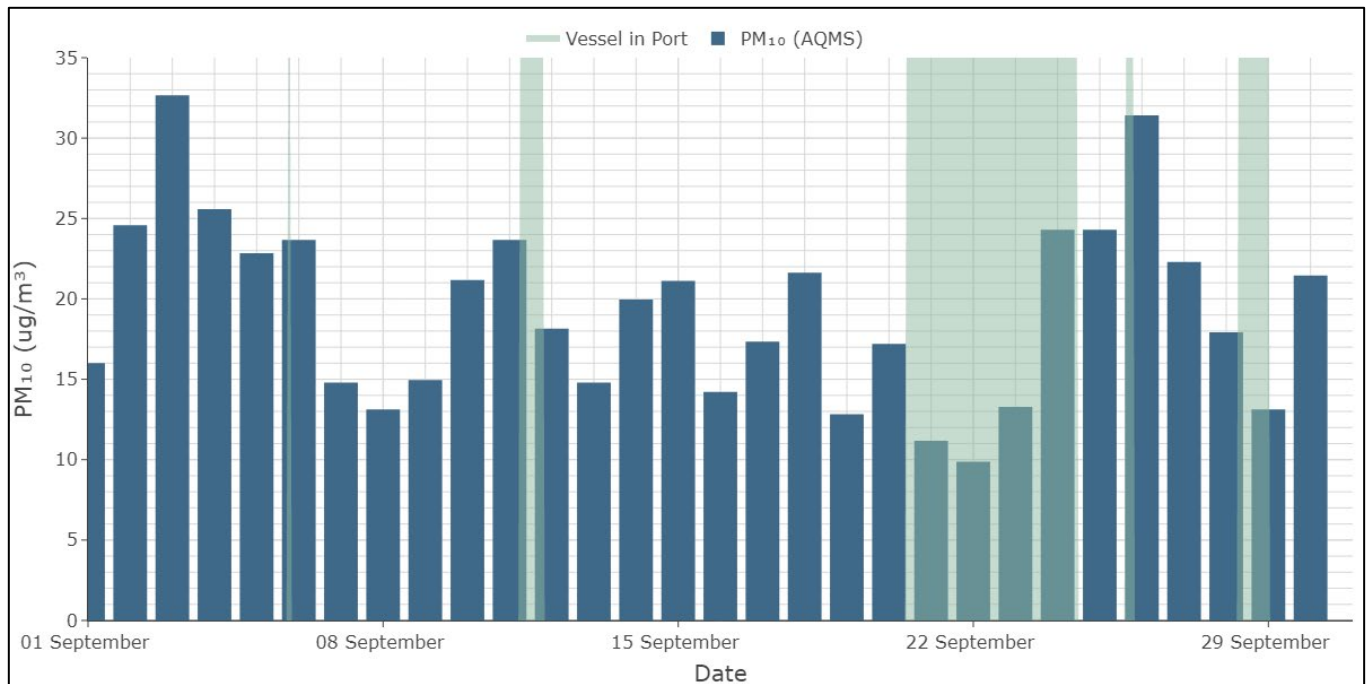


Figure B.6 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier (September 2024) (criteria: 50 µg/m³)

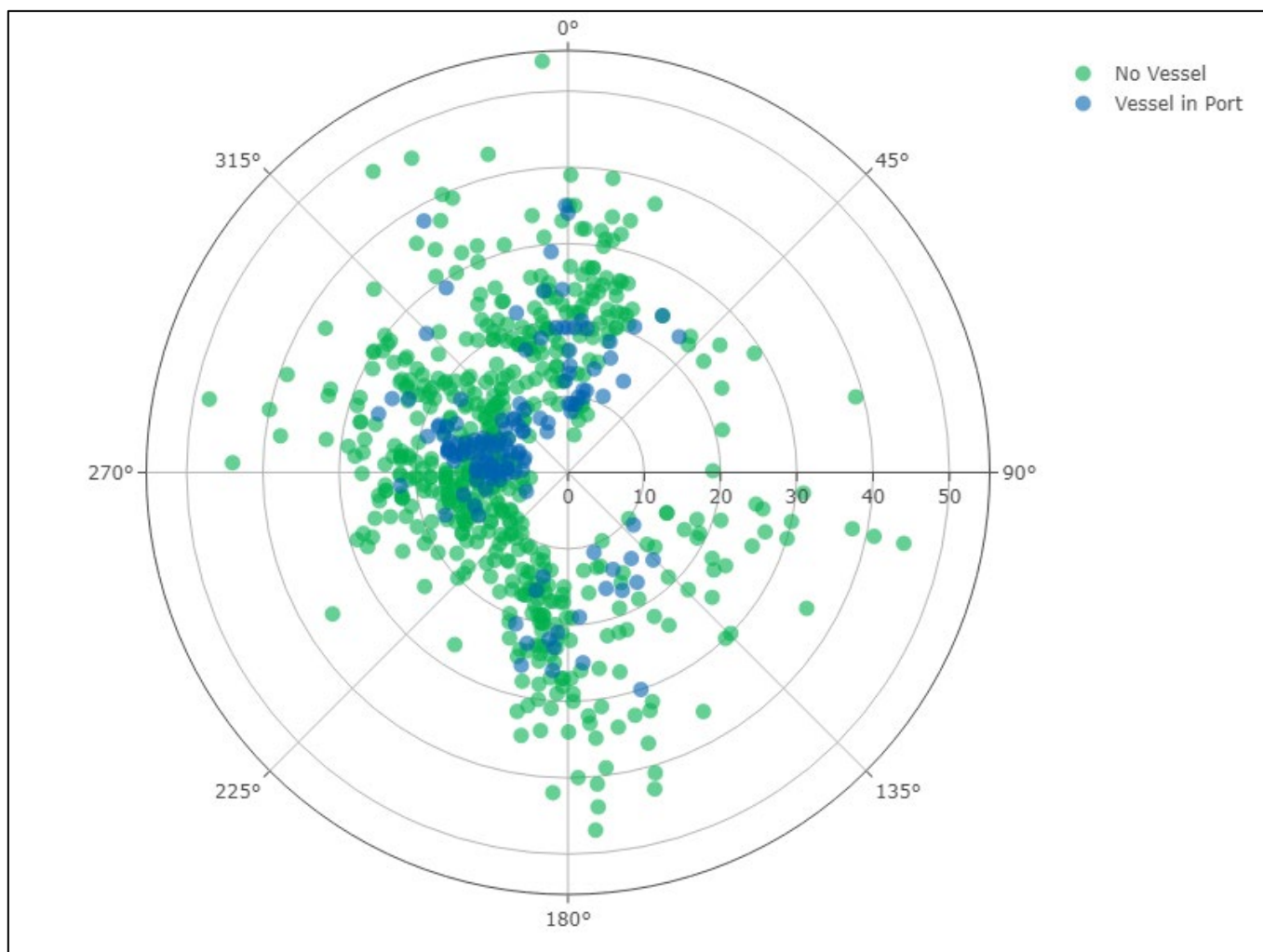


Figure B.7 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) by wind direction (September 2024)

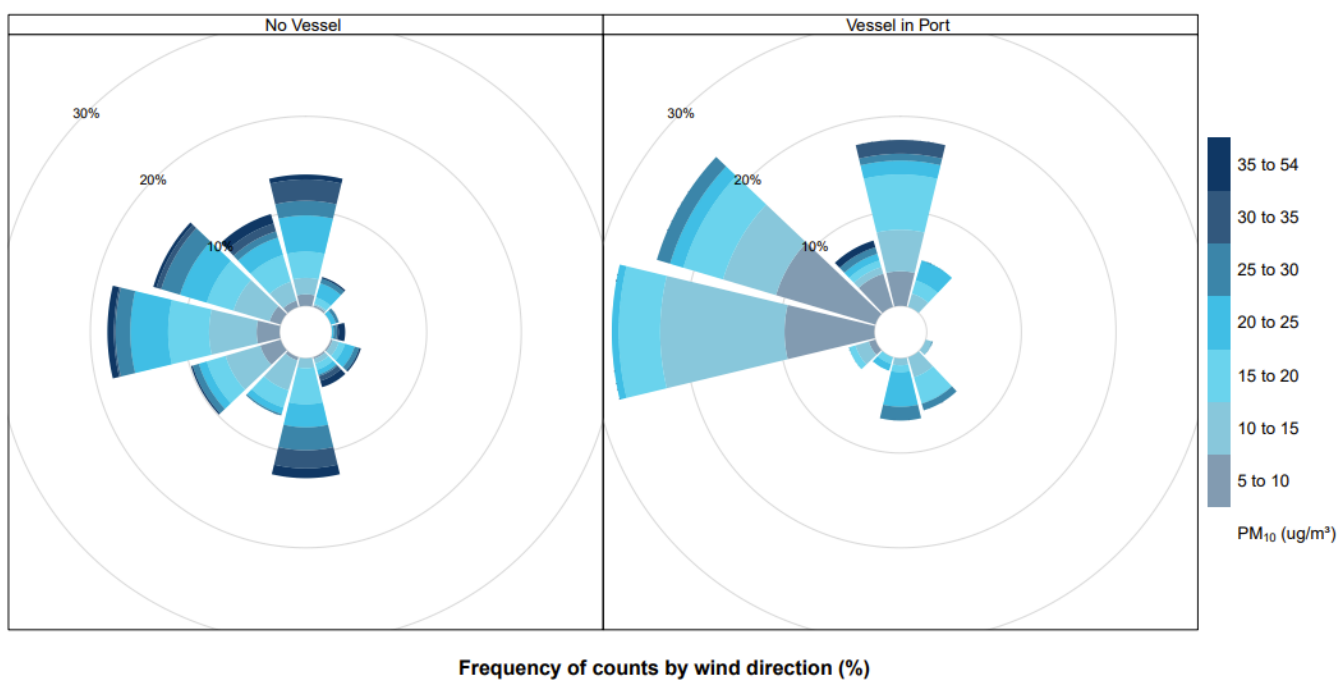


Figure B.8 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) pollution roses (September 2024)

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.

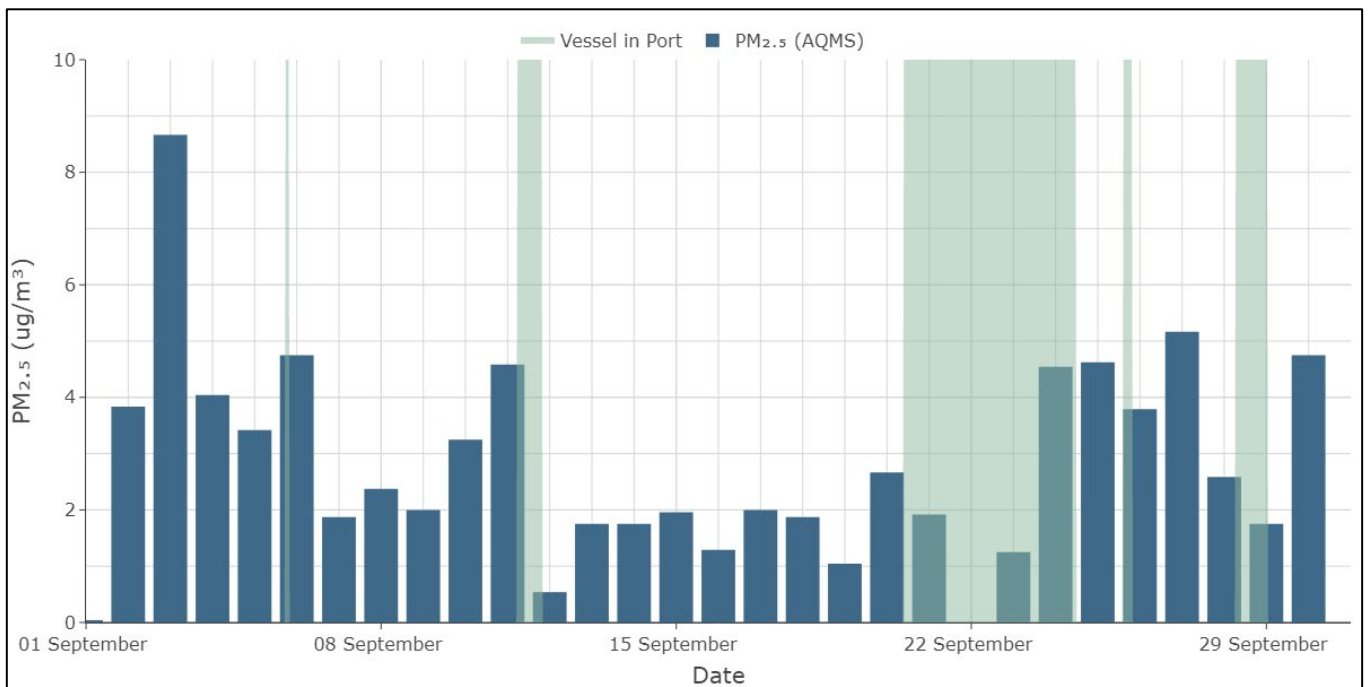


Figure B.9 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier (September 2024) (criteria: 25 µg/m³)

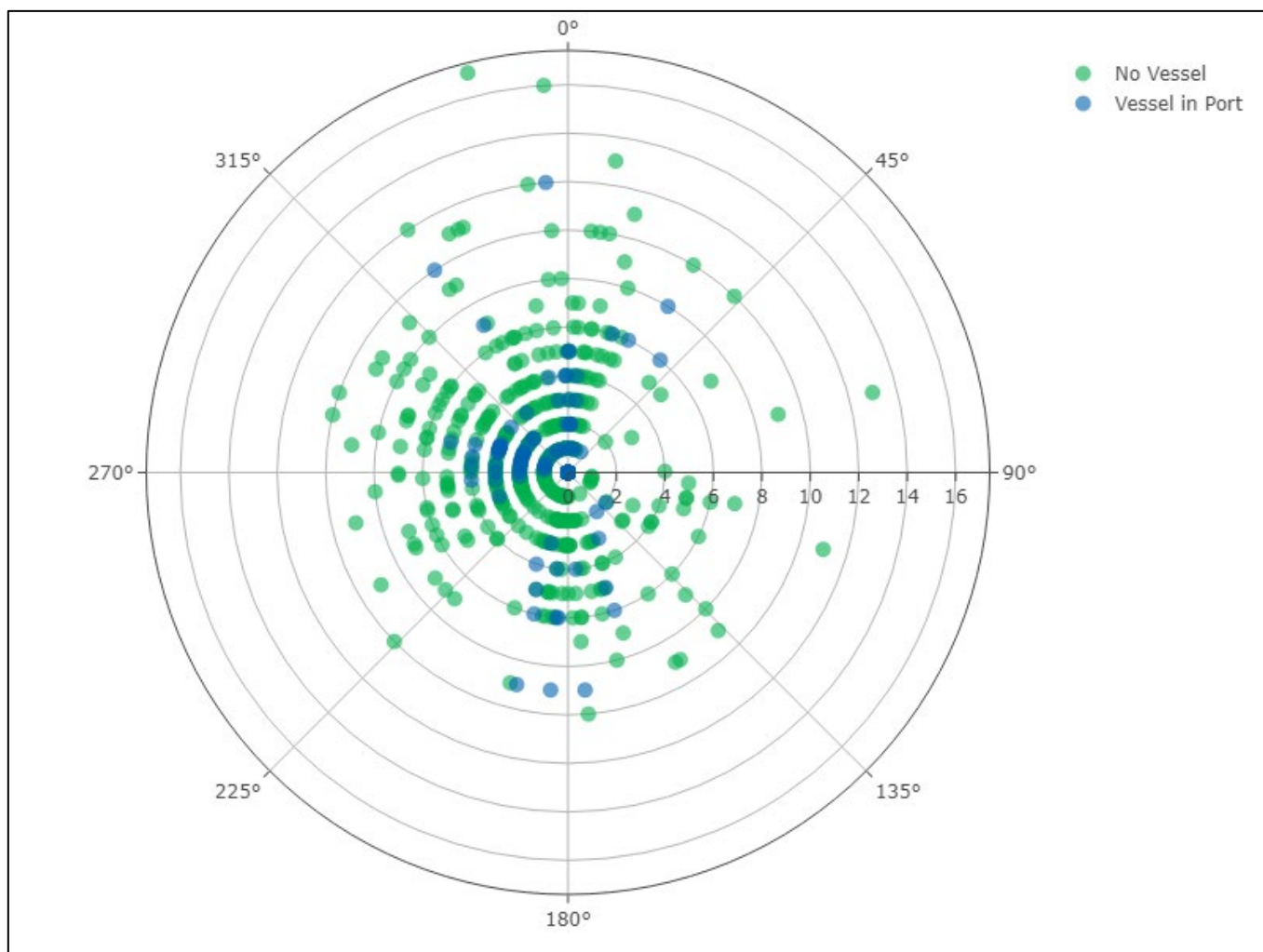


Figure B.10 Hourly average $PM_{2.5}$ concentration ($\mu\text{g}/\text{m}^3$) by wind direction (September 2024)

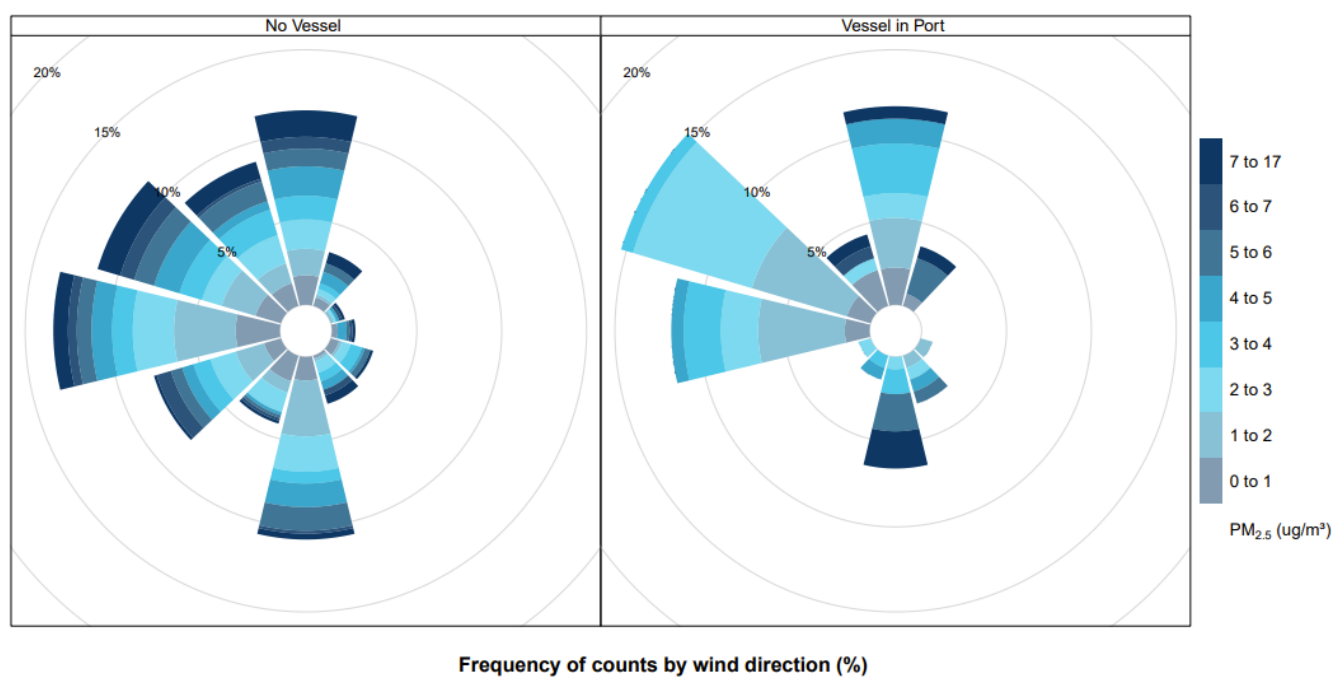


Figure B.11 Hourly average $PM_{2.5}$ concentration ($\mu\text{g}/\text{m}^3$) pollution roses (September 2024)

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.

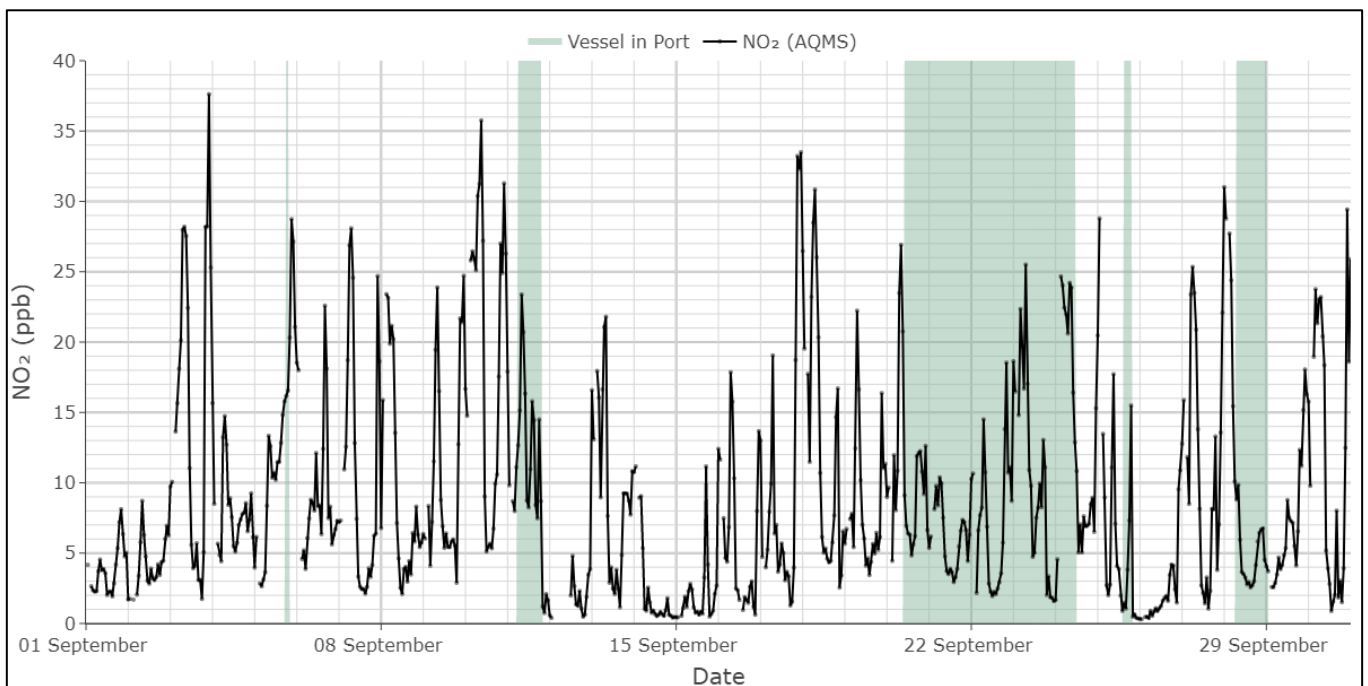


Figure B.12 Hourly average NO₂ concentrations (ppb) at Station Pier (September 2024) (criteria: 80 ppb)

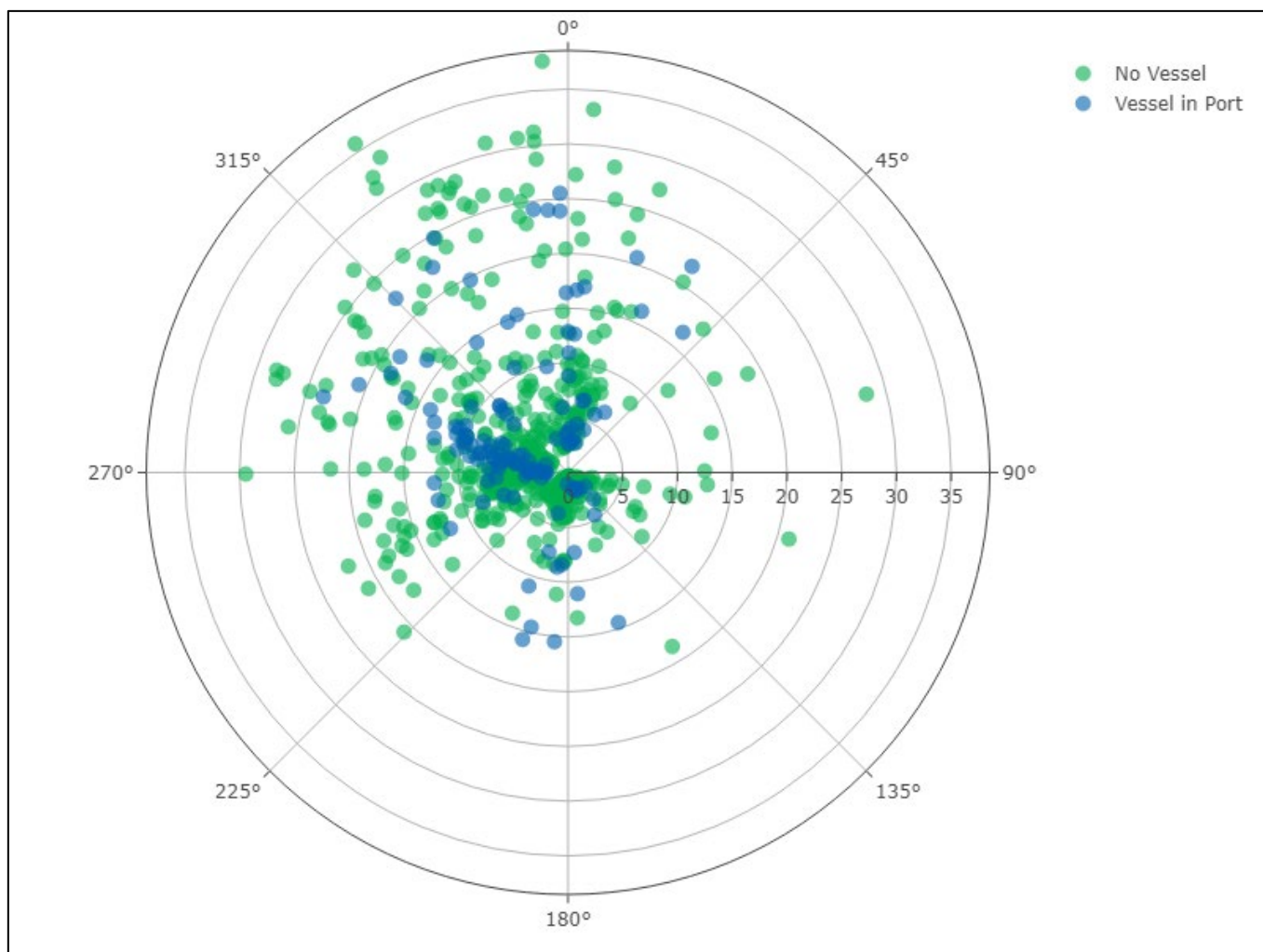


Figure B.13 Hourly average NO₂ concentration (ppb) by wind direction (September 2024)

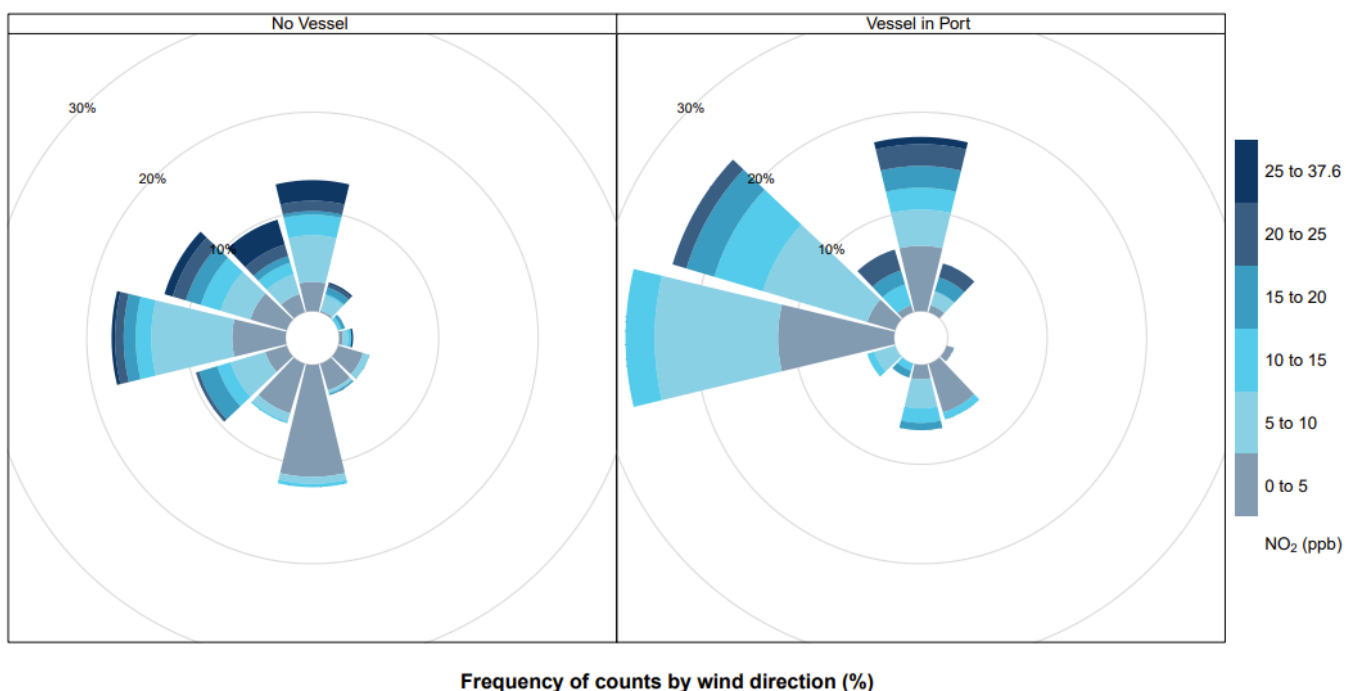


Figure B.14 Hourly average NO₂ concentration (ppb) pollution roses (September 2024)

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.

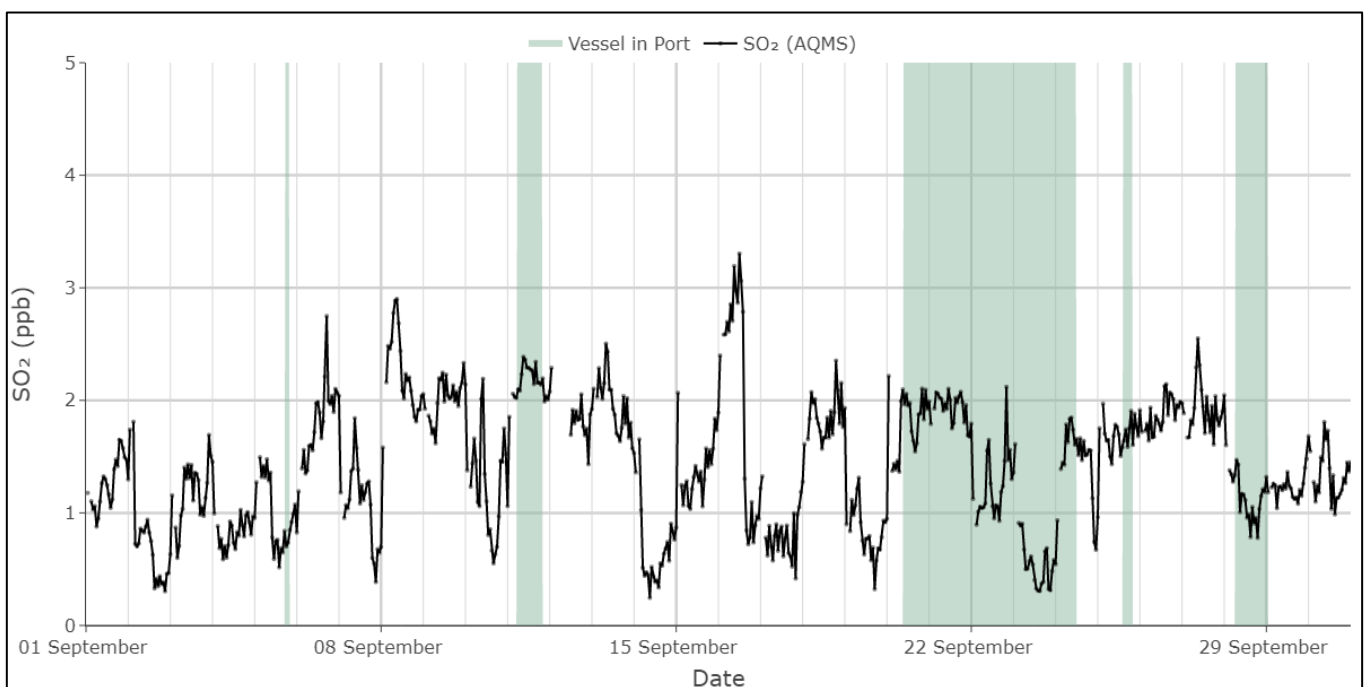


Figure B.15 Hourly average SO₂ concentrations (ppb) at Station Pier (September 2024) (criteria: 75 ppb)

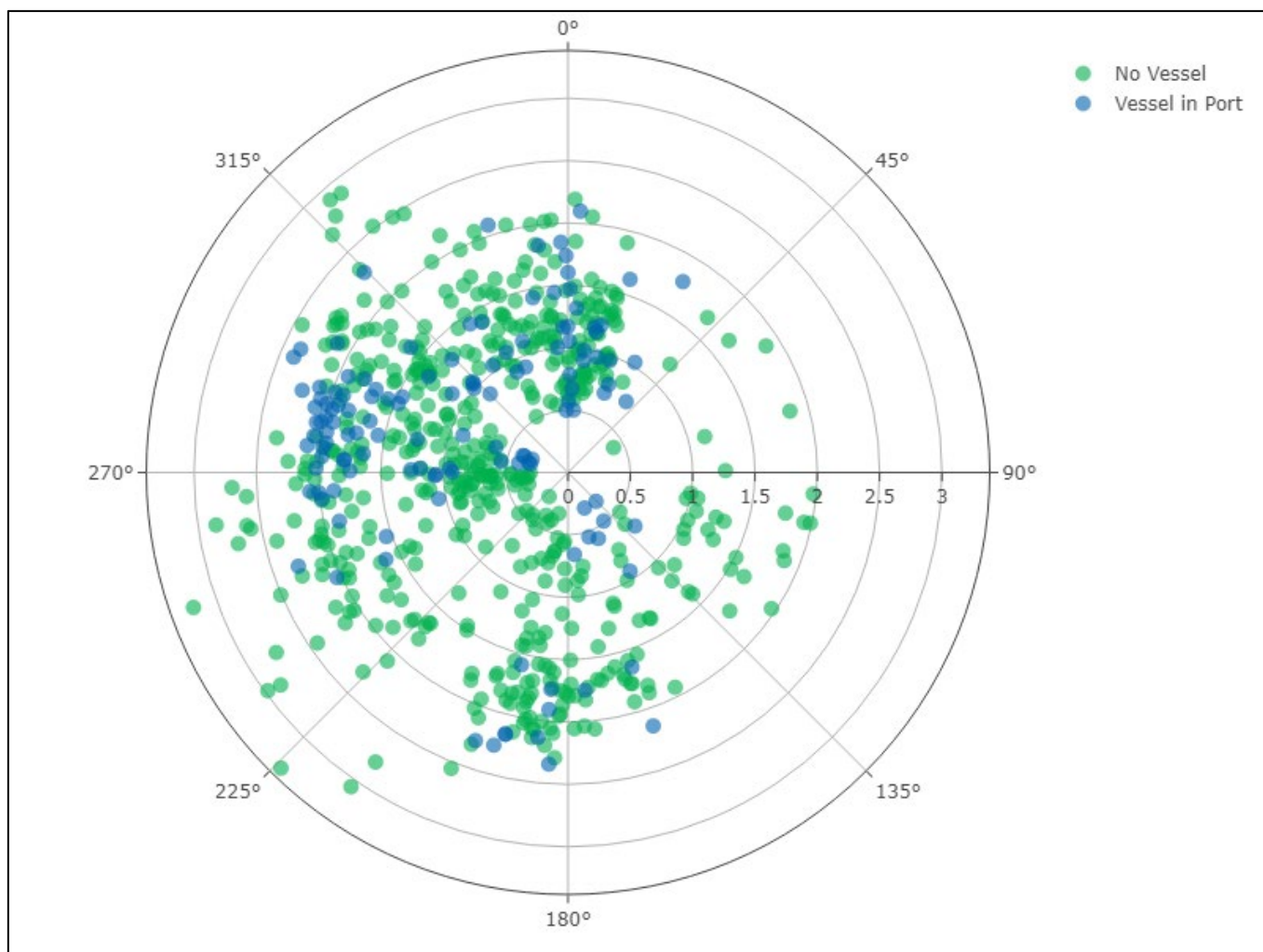
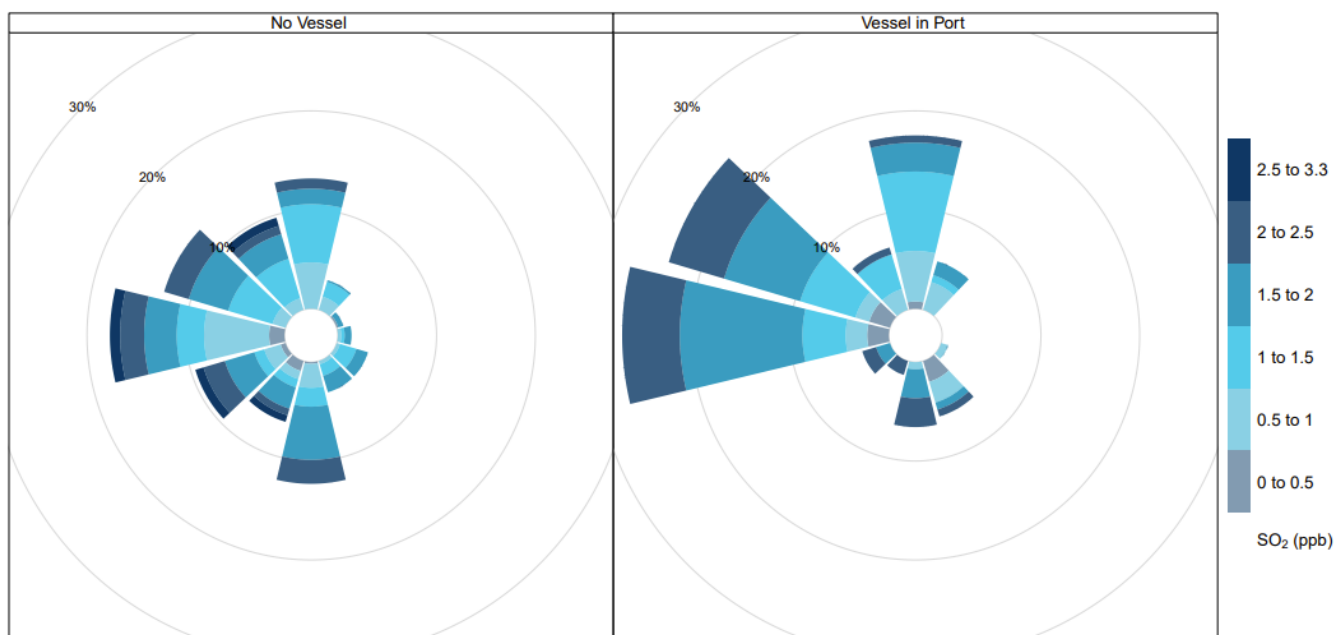


Figure B.16 *Hourly average SO₂ concentration (ppb) by wind direction (September 2024)*



Frequency of counts by wind direction (%)

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

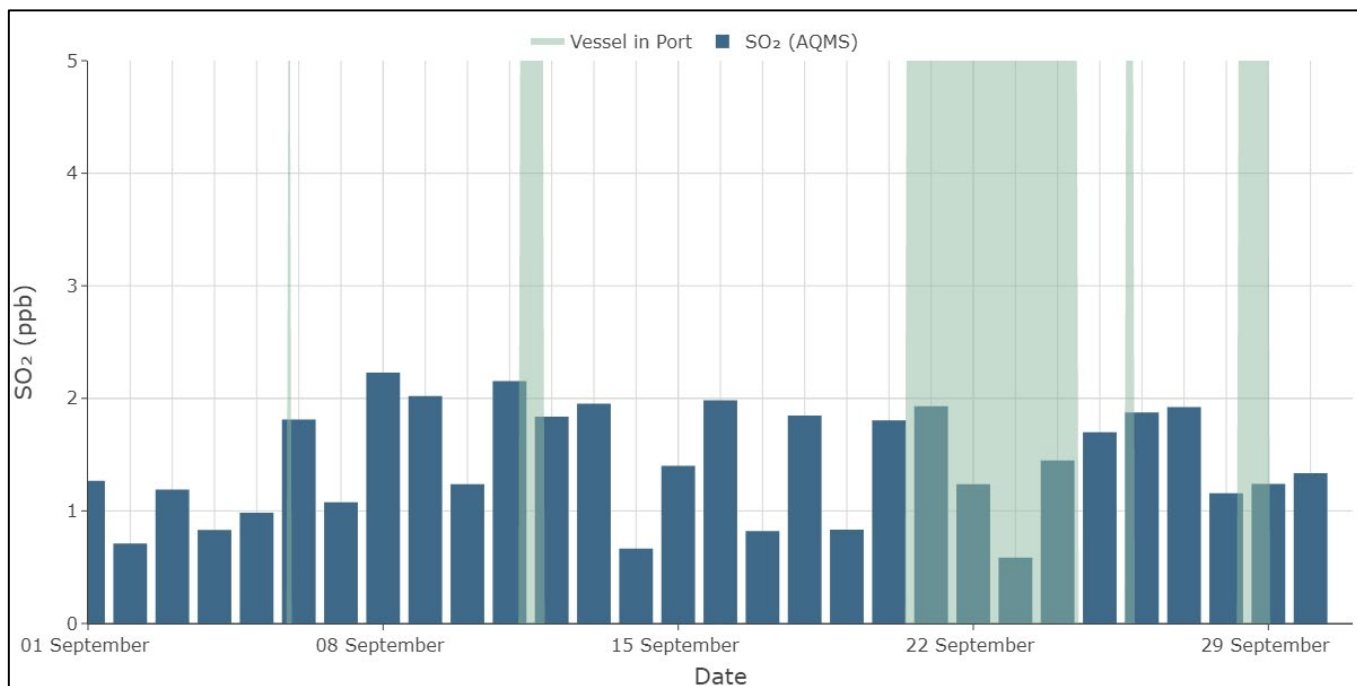


Figure B.18 24-hour average SO₂ concentrations (ppb) at Station Pier (September 2024) (criteria: 20 ppb)

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.

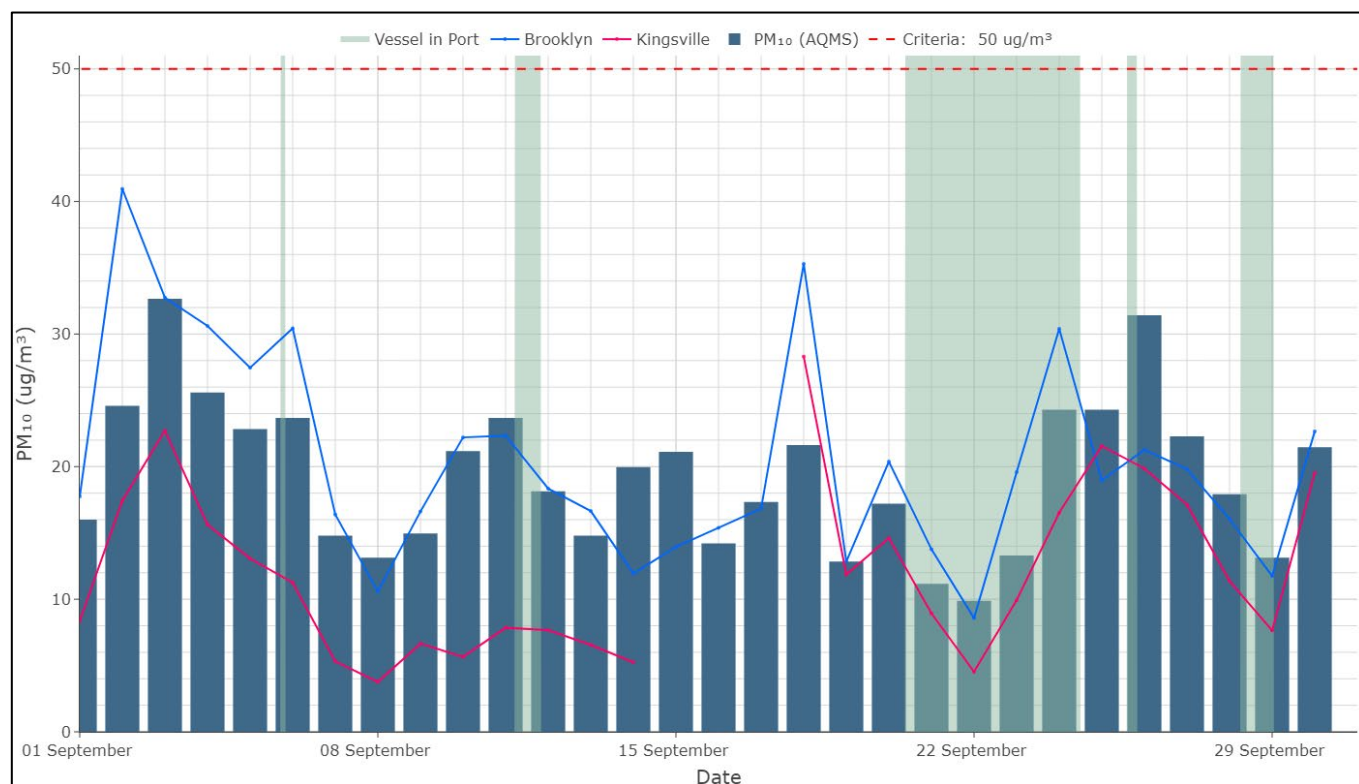


Figure B.19 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (September 2024) (criteria: 50 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA station observations is presented in Table B.3. Some positive correlation (>0.6) 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 on this day was 32.7 µg/m³, which is 35% 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	0.68
Brooklyn	0.71

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.

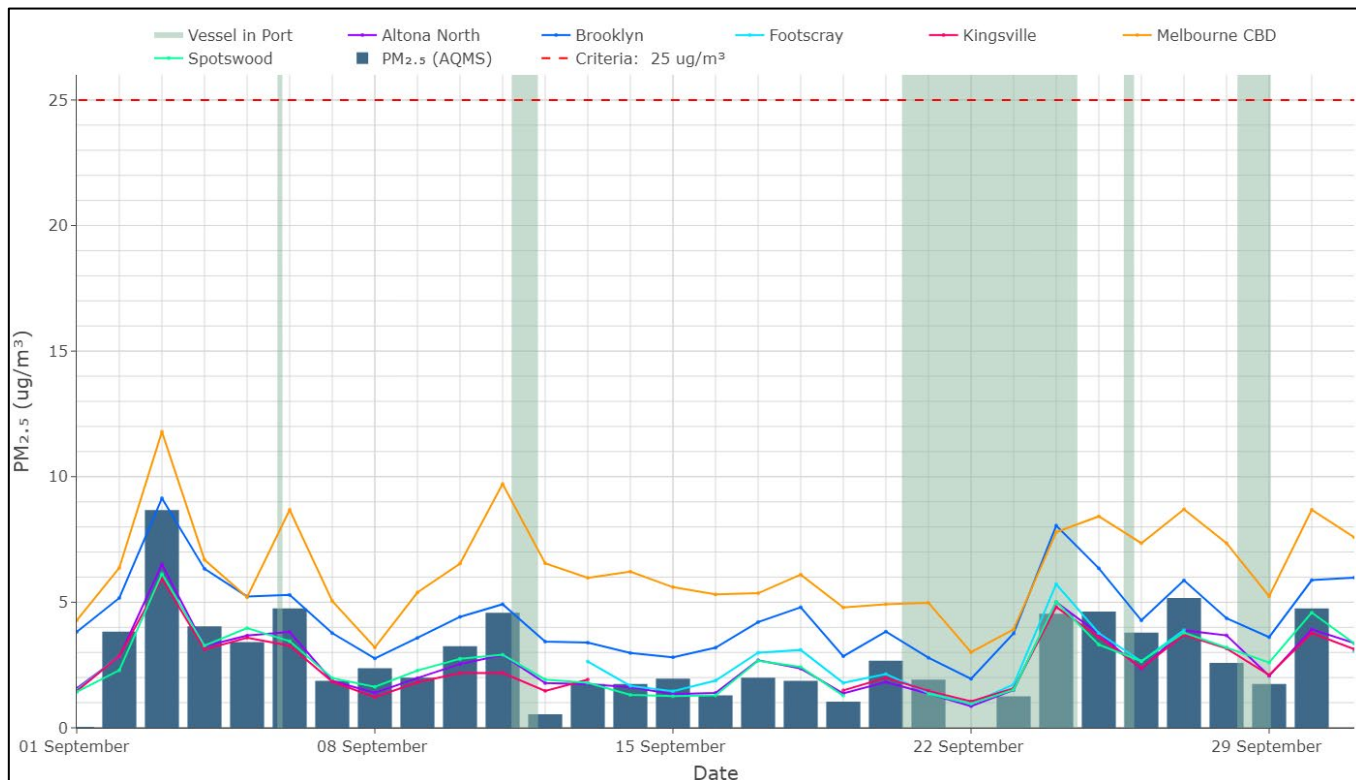


Figure B.20 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (September 2024) (criteria: 25 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA Stations observations is presented in Table B.4. Positive correlation (>0.75) was observed between the Station Pier observations and the EPA station observations for all EPA Stations.

All PM_{2.5} concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded on this day was 8.7 µg/m³, which was 65% 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	0.89
Spotswood	0.87
Kingsville	0.88
Footscray	0.77
Brooklyn	0.86
Melbourne CBD	0.85

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.

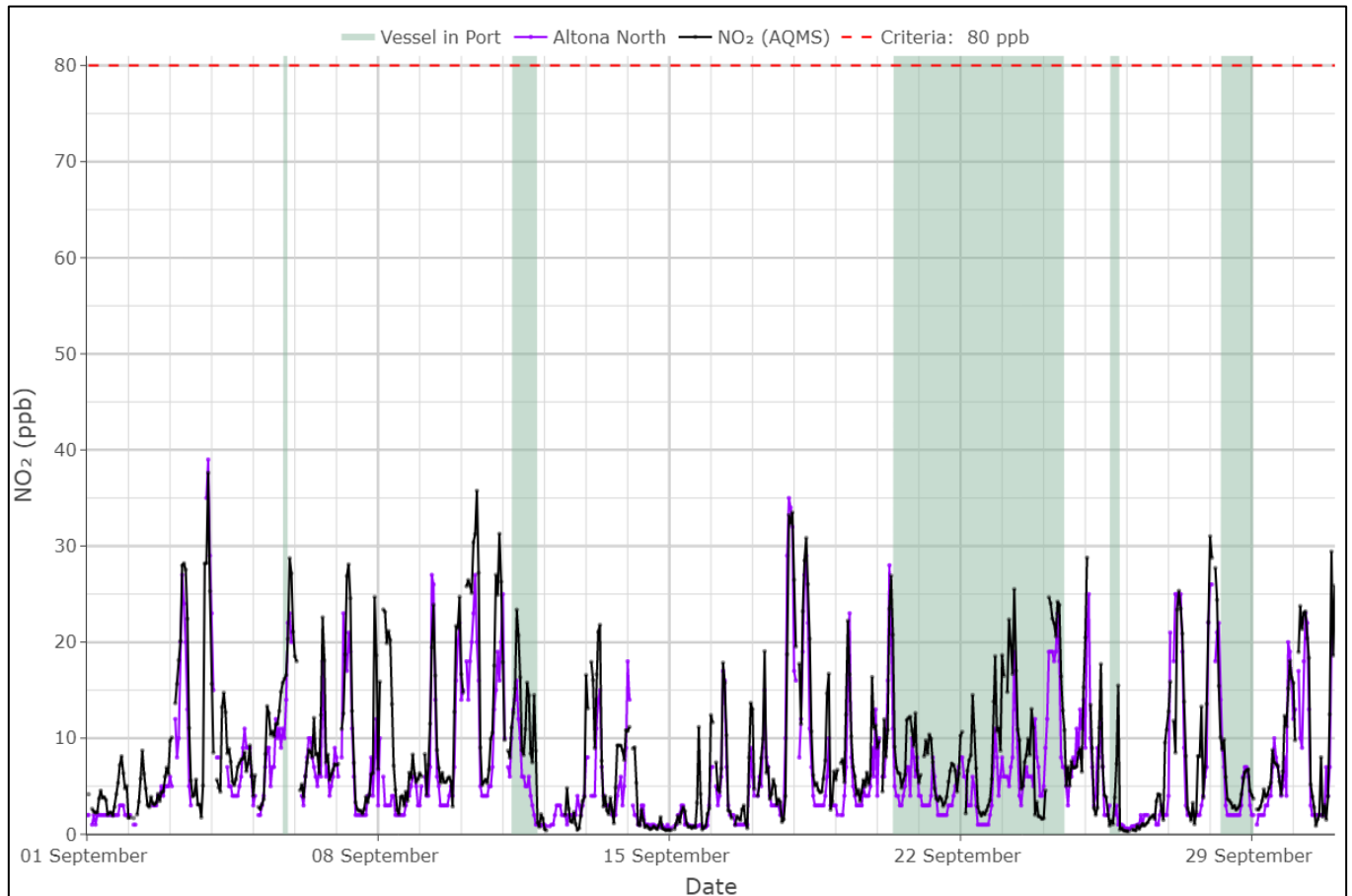


Figure B.21 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA Station (September 2024) (criteria: 80 ppb)

Positive correlation (0.86) was observed between the Station Pier observations and the Altona North EPA station observations.

All concentrations were below the adopted NO₂ criterion. The maximum hourly average concentration recorded was 37.6 ppb, which is 53% 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.

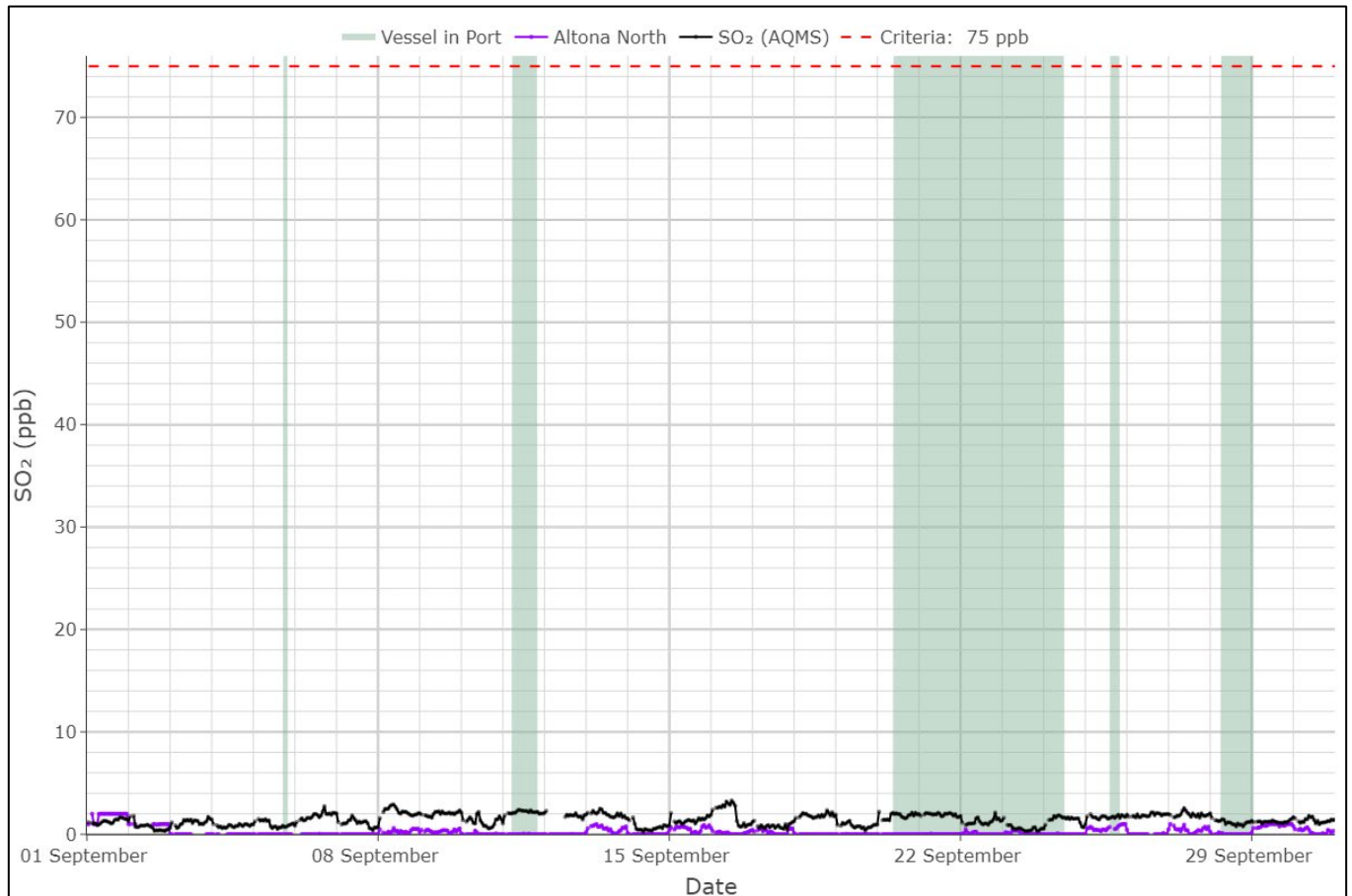


Figure B.22 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (September 2024) (criteria: 75 ppb)

Minimal correlation (-0.01) 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 3.3 ppb, which is 96% 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.

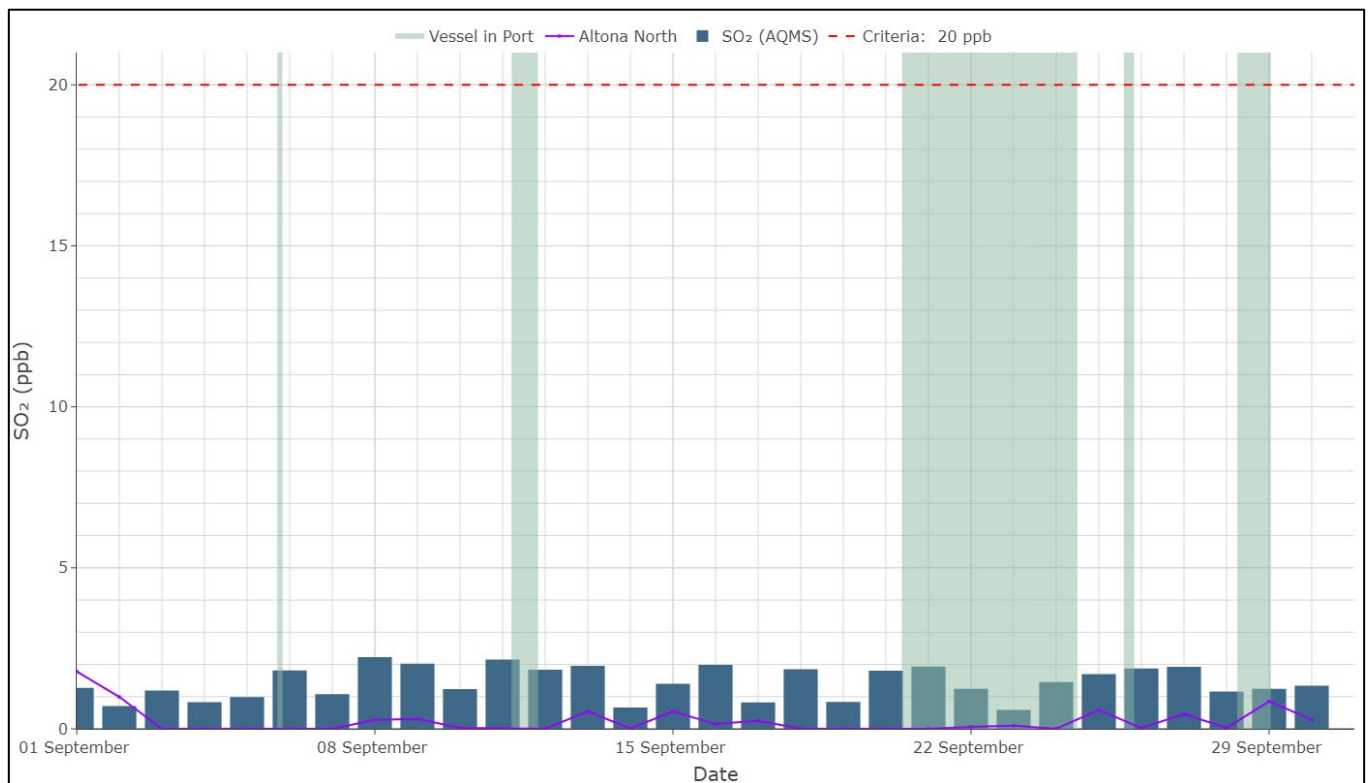


Figure B.23 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA Station (September 2024) (criteria: 20 ppb)

Minimal correlation (-0.06) 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 2.2 ppb, which is 89% below the criterion.

B-3-5 Port activity

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

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

Ship name	Arrival	Departure
ICS Allegiance (T)	5/9/2024 17:54	5/9/2024 18:05
ICS Allegiance (T)	11/9/2024 5:48	11/9/2024 18:30
HMAS Arunta	20/9/2024 9:55	24/9/2024 10:07
ICS Allegiance (T)	25/9/2024 14:28	25/9/2024 18:20
Diamond Princess (P)	28/9/2024 6:55	28/9/2024 23:06

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 four pollutants occurred when there were no vessels present at the port.

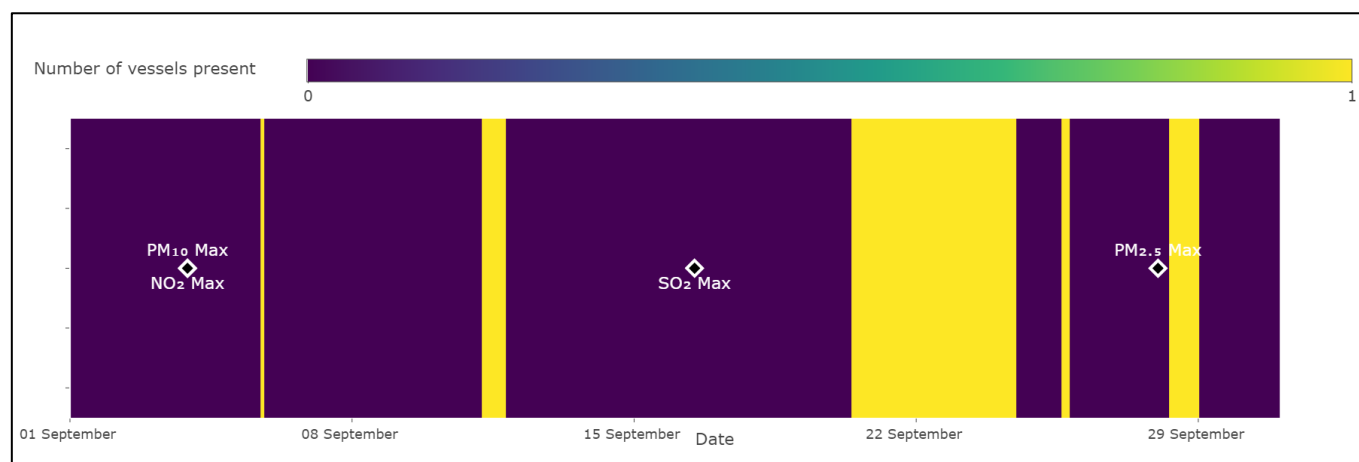


Figure B.24 Number of vessels present compared against maximum concentration observations

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	19%	20.4 µg/m ³	14.8 µg/m ³
PM _{2.5}	17%	3.6 µg/m ³	2.7 µg/m ³
NO ₂	20%	8.9 ppb	9.1 ppb
SO ₂	20%	1.4 ppb	1.4 ppb

B-3-6 Other impacts to air quality

Planned Burns

Smoke from burning can lead to increased particulate matter observations and would likely impact EPA observations as well as those at Station Pier. Reports of bushfires and planned burns across Victoria have been reviewed to identify other potential impacts to air quality (Forest Fire Management Victoria, 2024). Events which likely increased particulate matter observations are the planned burns which were reported to take place around Victoria at the following locations:

- Licola (3 September 2024)
- Murrindal (10 September 2024)
- Goldsbrough (16 September 2024)
- Shepparton (19 September 2024)
- Wyuna and St Arnaud (20-27 September 2024)
- Cudgewa (24 September 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 September 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 September 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 31 September 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.

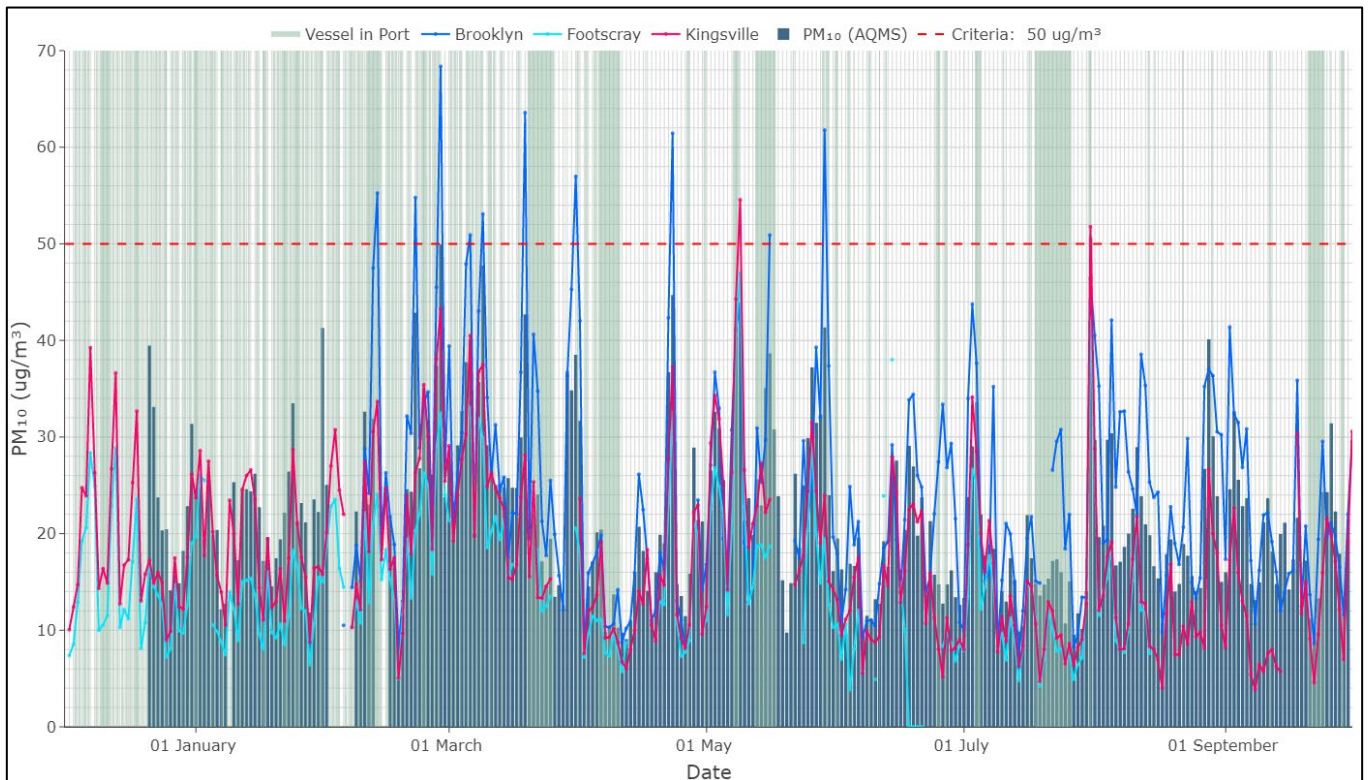


Figure C.1 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - September 2024) (criteria: 50 µg/m³)

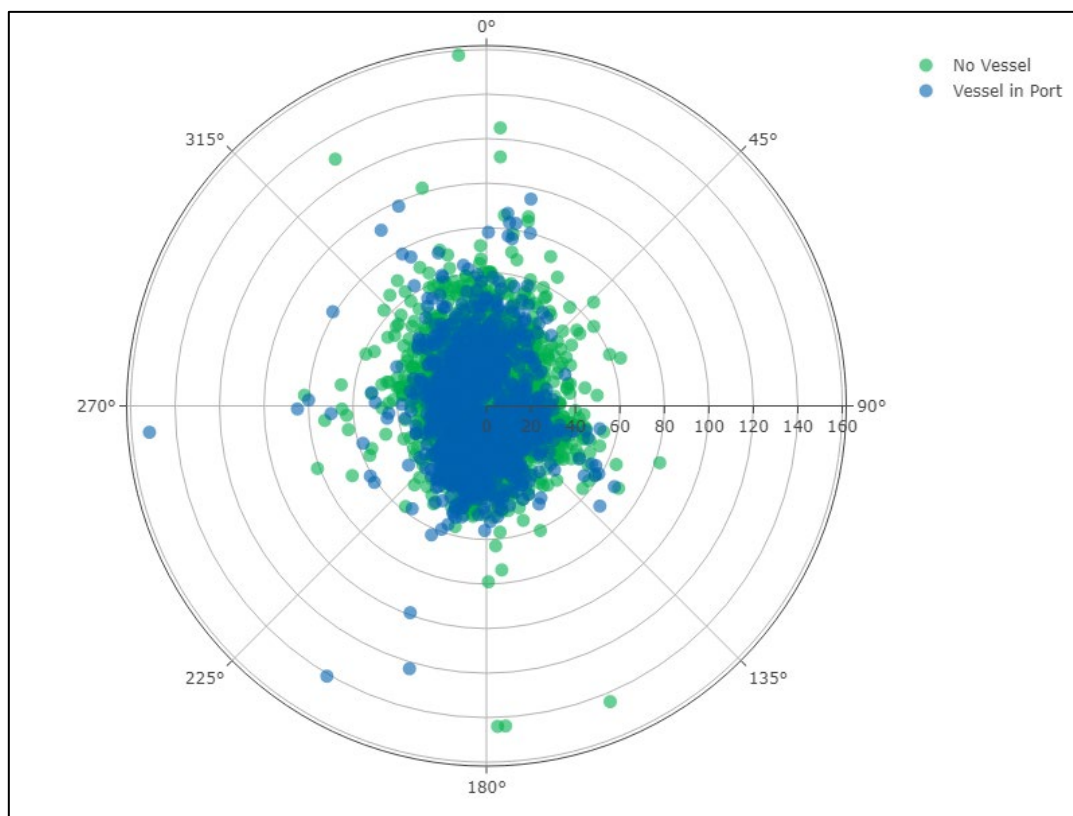


Figure C.2 Hourly average PM_{10} concentration ($\mu g/m^3$) by wind direction (December 2023 - September 2024)

An annual average criterion of $25 \mu g/m^3$ 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 ($\mu g/m^3$)

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
2024 year-to-date	21.6	17.0	14.8	24.1
All available data	21.7	17.2	14.8	24.1

“-” indicates no data available

C-2 PM_{2.5}

The PM_{2.5} data observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 September 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.

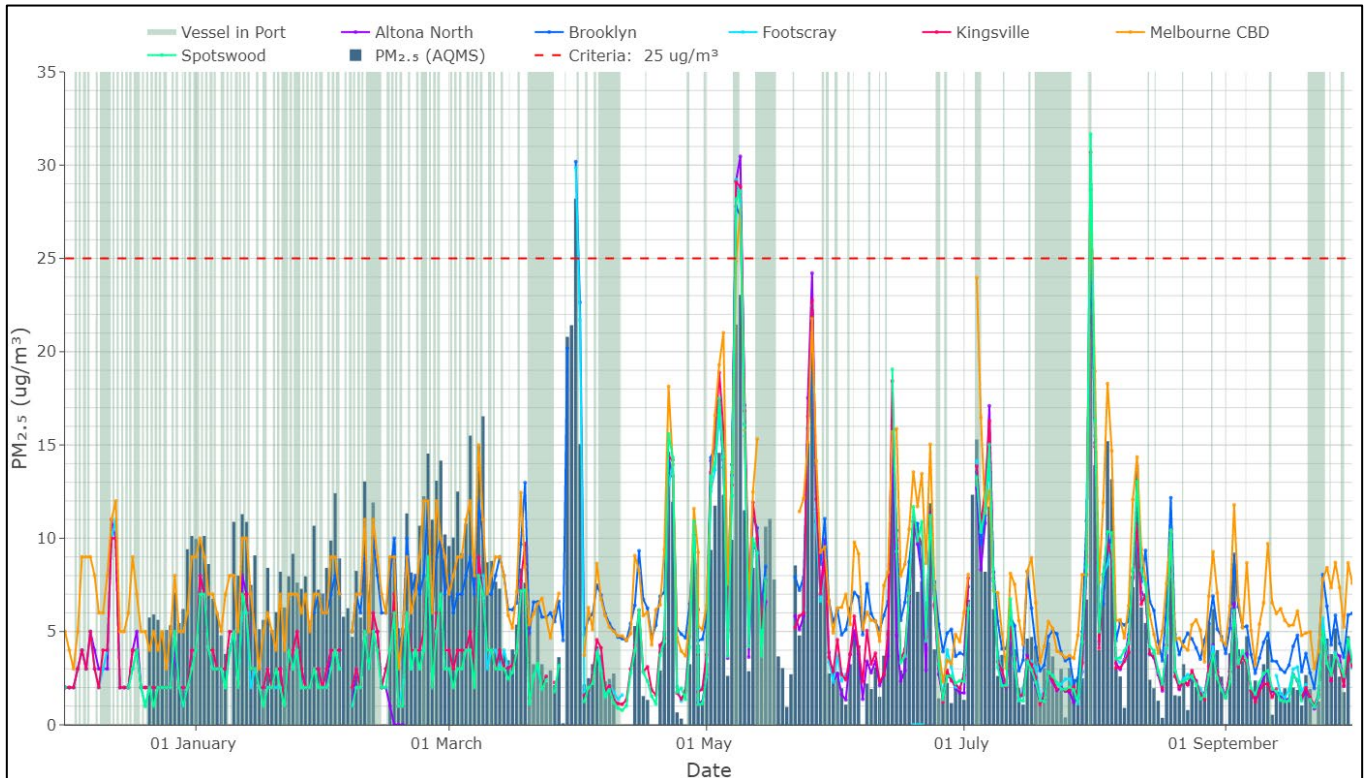


Figure C.3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - September 2024) (criteria: 25 µg/m³)

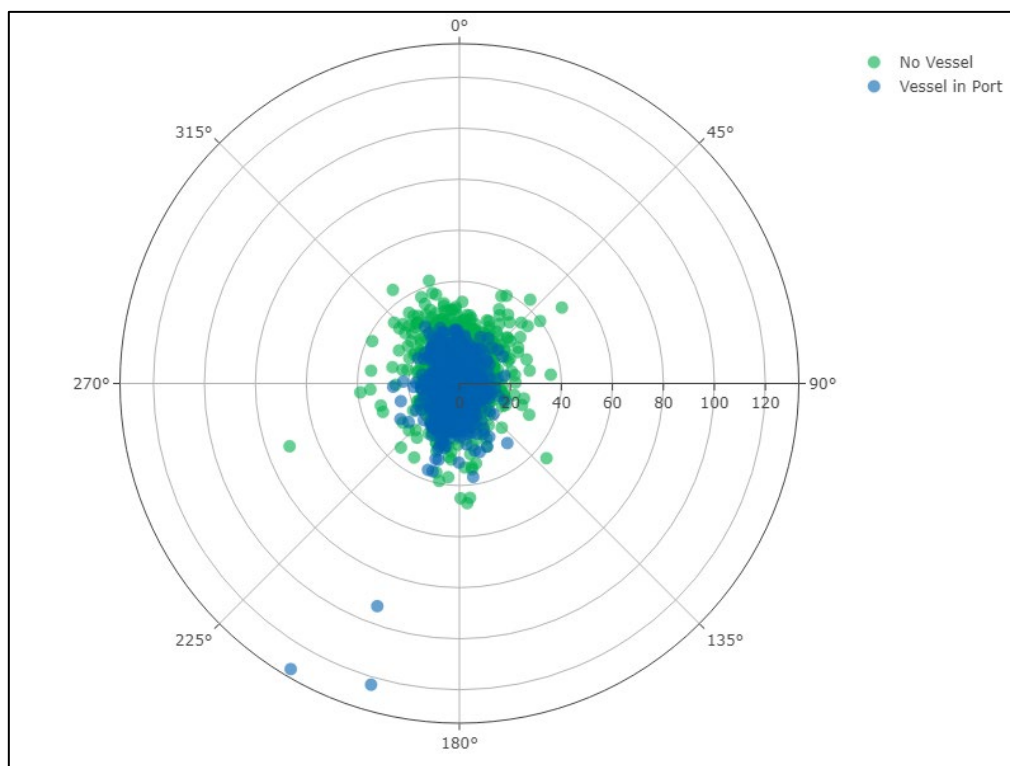


Figure C.4 Hourly average $PM_{2.5}$ concentration ($\mu g/m^3$) by wind direction (December 2023 - September 2024)

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
2024 year-to-date	6.9	5.0	4.7	7.4	8.1	4.8	4.9
All available data	6.8	4.8	4.6	7.4	7.9	4.6	4.7

“-” indicates no data available

C-3 NO₂

The NO₂ data observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 September 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.

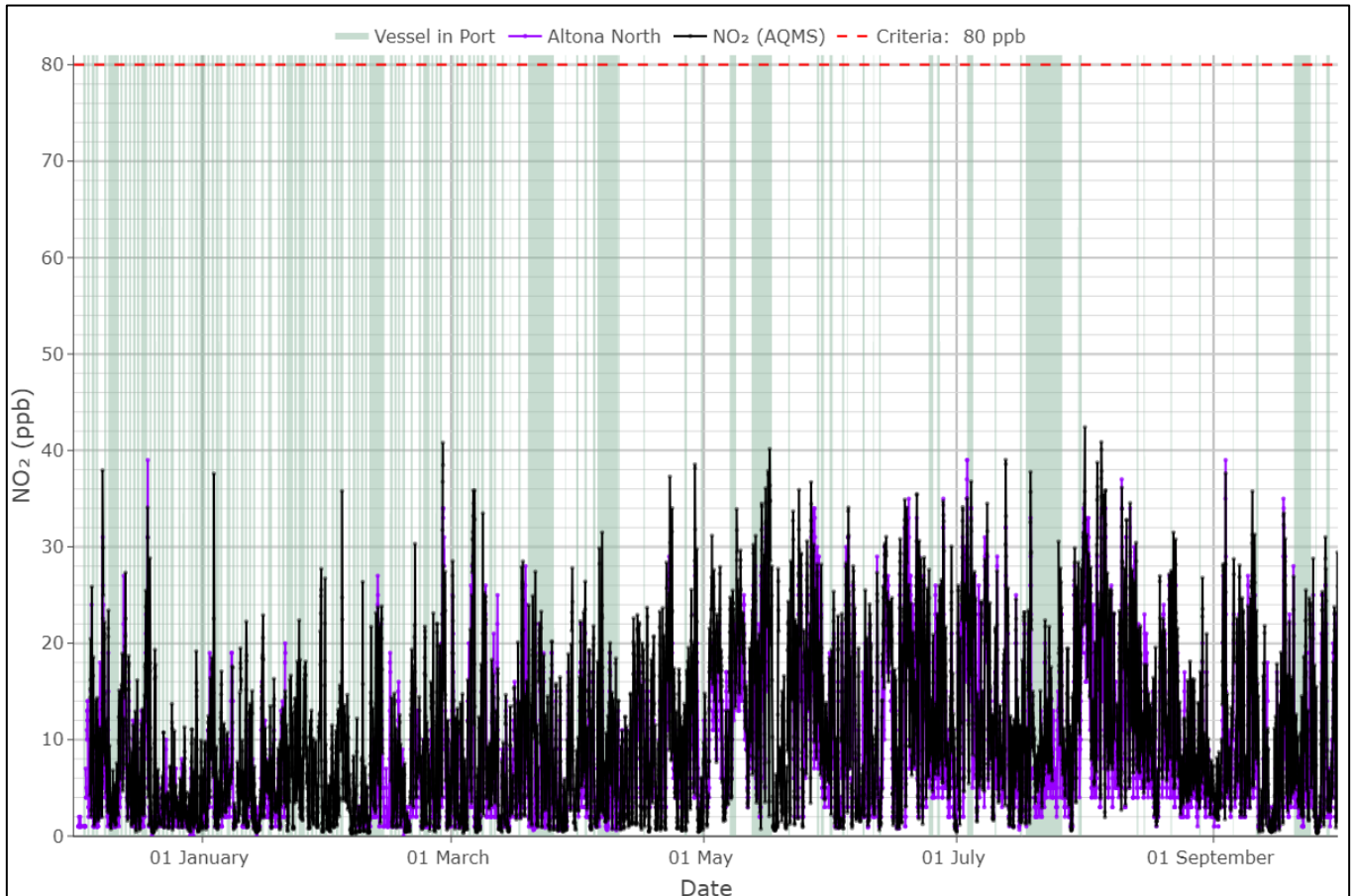


Figure C.5 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - September 2024) (criteria: 80 ppb)

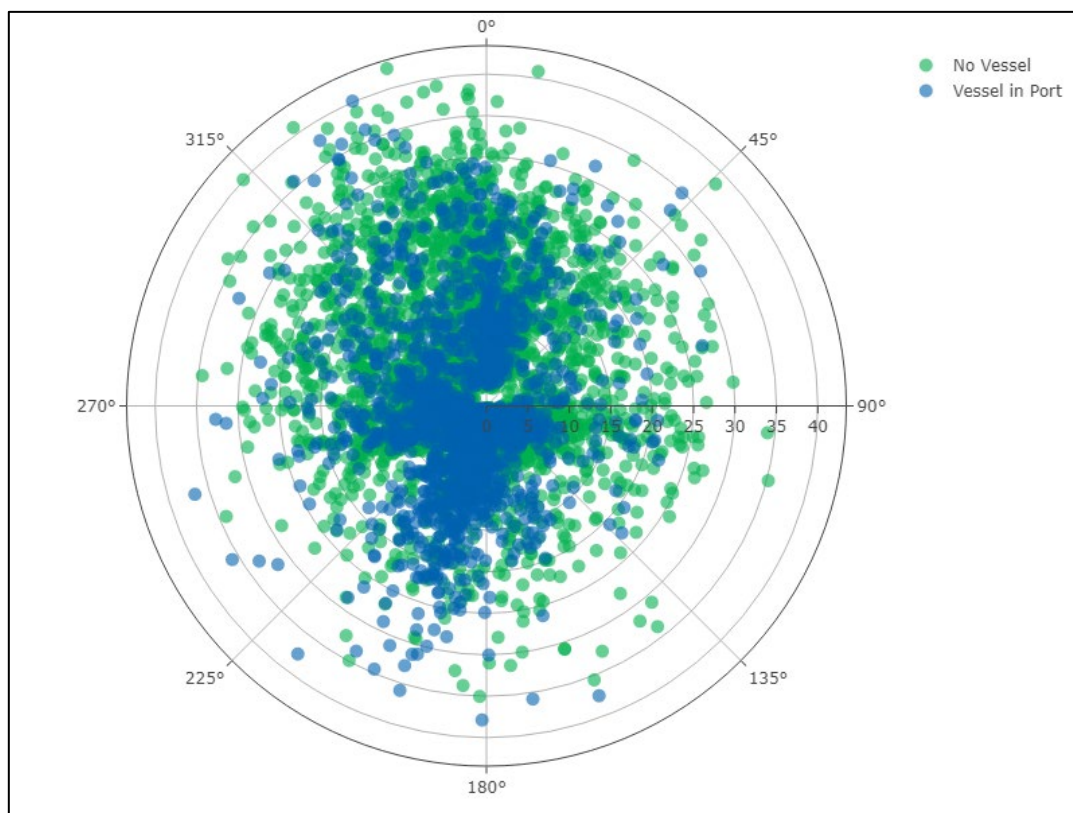


Figure C.6 Hourly average NO₂ concentration (µg/m³) by wind direction (December 2023 - September 2024)

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
2024 year-to-date	10.3	8.5
All available data	9.9	8.0

C-4 SO₂

The SO₂ data observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 September 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.

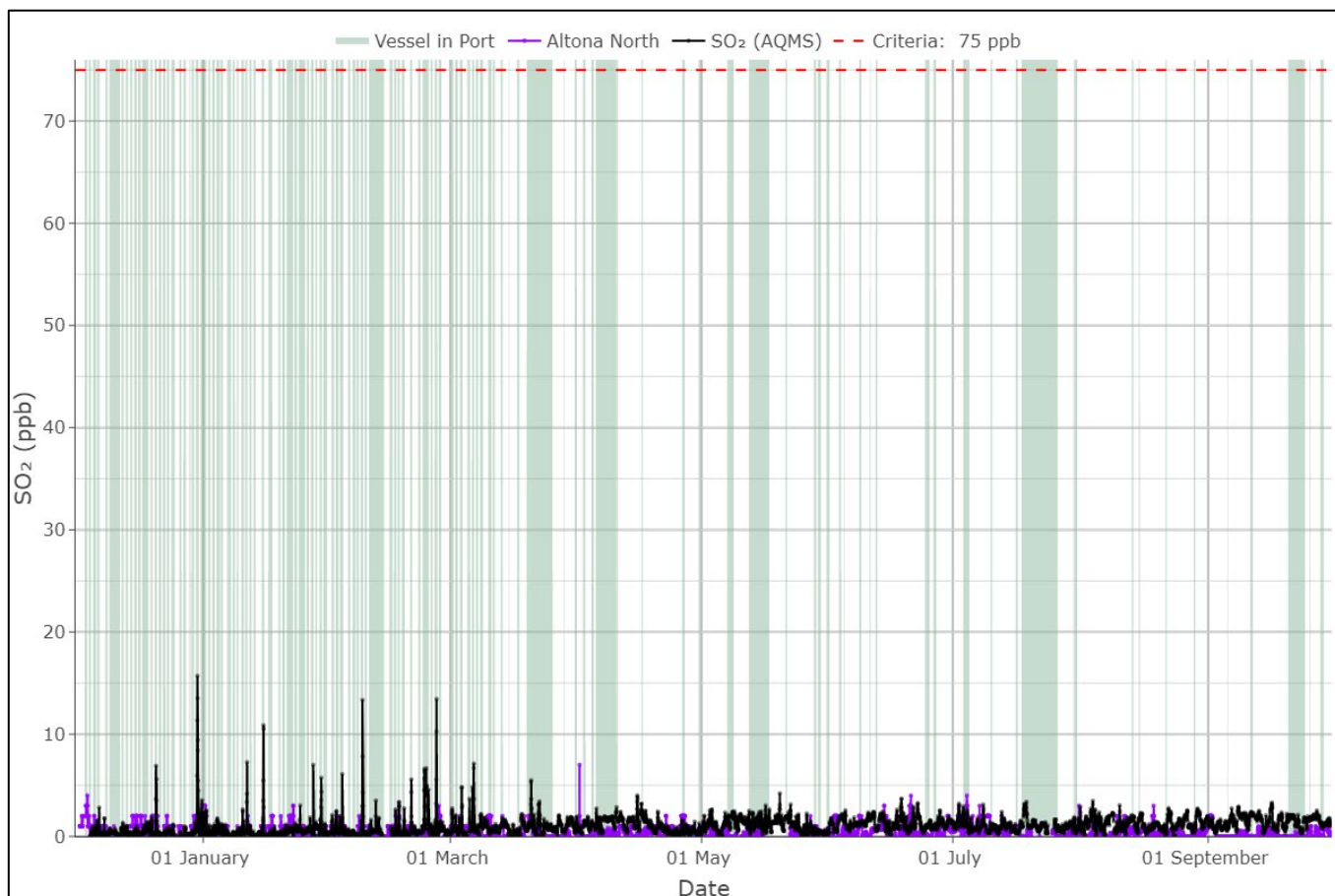


Figure C.7 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA Station (December 2023 - September 2024) (criteria: 75 ppb)

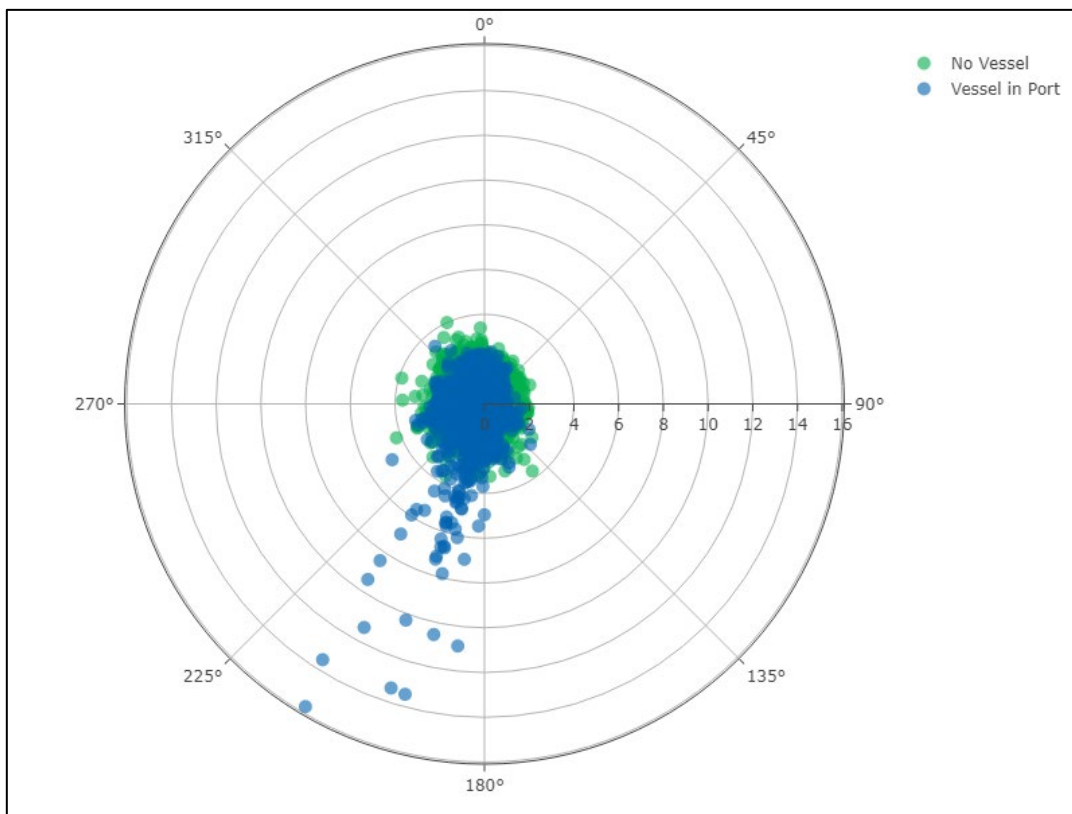


Figure C.8 Hourly average SO_2 concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - September 2024)

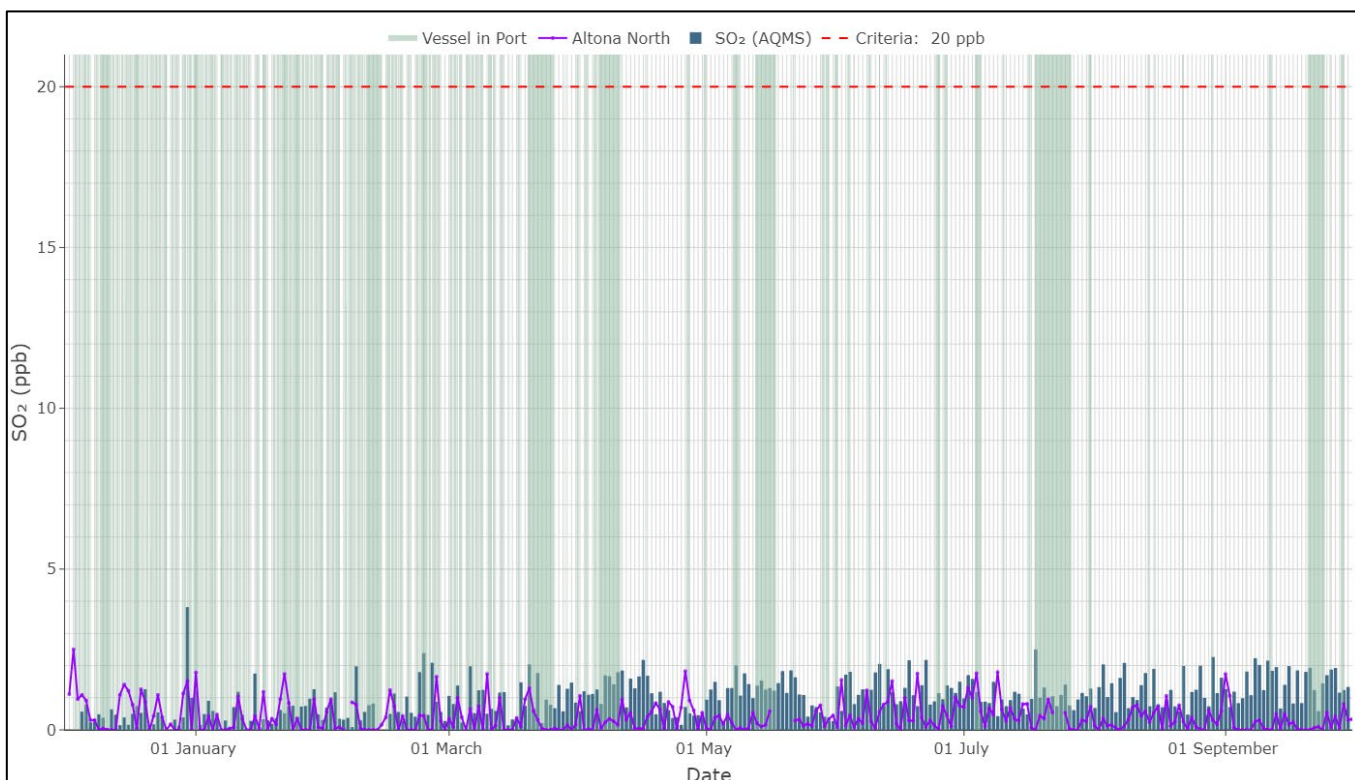


Figure C.9 24-hour average SO_2 concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier and local EPA Station (December 2023 - September 2024) (criteria: $20 \mu\text{g}/\text{m}^3$)

Appendix D

September 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 September to 30th September 2024

Report No: DAT21828

Issue Date: 16th October 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

September 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 (°)
01/09/24 00:05	0	4	4	1	16.1	56	3.0	330	30
01/09/24 00:10	0	4	4	1	16.1	56	3.2	335	30
01/09/24 00:15	0	4	4	1	16.2	56	2.6	333	31
01/09/24 00:20	0	4	4	1	16.2	57	2.6	330	30
01/09/24 00:25	0	4	5	1	16.1	57	2.3	338	38
01/09/24 00:30	0	5	5	1	16.0	57	2.5	350	35
01/09/24 00:35	0	4	5	1	16.0	58	2.2	322	37
01/09/24 00:40	0	4	4	1	16.1	57	3.1	327	26
01/09/24 00:45	0	4	4	1	16.1	57	3.0	328	24
01/09/24 00:50	0	4	5	1	16.1	57	3.2	332	22
01/09/24 00:55	0	4	4	1	16.1	57	2.6	321	32
01/09/24 01:00	0	4	4	1	16.1	57	2.2	337	39
01/09/24 01:05					16.1	57	2.1	338	37
01/09/24 01:10					16.0	57	2.4	330	37
01/09/24 01:15					15.9	58	2.6	320	26
01/09/24 01:20					15.9	58	3.1	328	27
01/09/24 01:25					16.0	57	3.2	341	33
01/09/24 01:30					15.9	58	2.3	340	35
01/09/24 01:35					15.8	58	2.5	349	40
01/09/24 01:40					15.8	58	2.0	345	33
01/09/24 01:45					15.7	58	1.9	348	37
01/09/24 01:50					15.7	58	2.9	3	25
01/09/24 01:55					15.7	58	2.4	5	32
01/09/24 02:00					15.7	58	2.5	351	33
01/09/24 02:05	0	3	3	1	15.7	59	2.4	347	35
01/09/24 02:10	0	3	3	1	15.7	58	2.3	346	32
01/09/24 02:15	0	3	3	1	15.8	59	2.9	330	30
01/09/24 02:20	0	3	3	1	15.8	59	2.9	329	29
01/09/24 02:25	0	3	3	1	15.8	59	2.4	350	35
01/09/24 02:30	0	3	3	1	15.7	59	2.3	6	26
01/09/24 02:35	0	3	3	1	15.6	59	3.9	353	23
01/09/24 02:40	0	2	3	1	15.7	59	3.5	4	20
01/09/24 02:45	0	2	3	1	15.7	59	3.2	5	24
01/09/24 02:50	0	2	3	1	15.7	59	3.1	357	26
01/09/24 02:55	0	2	3	1	15.7	59	2.8	360	27
01/09/24 03:00	0	2	3	1	15.8	60	3.1	355	28
01/09/24 03:05	0	2	2	1	15.6	60	2.8	1	27
01/09/24 03:10	0	2	2	1	15.6	60	3.3	3	29
01/09/24 03:15	0	2	2	1	15.6	61	2.9	2	29
01/09/24 03:20	0	2	2	1	15.6	61	3.0	357	27
01/09/24 03:25	0	2	2	1	15.5	61	2.1	336	41
01/09/24 03:30	0	2	3	1	15.5	62	1.8	359	44
01/09/24 03:35	0	2	3	1	15.4	62	3.4	356	30
01/09/24 03:40	0	2	3	1	15.5	62	2.9	357	34
01/09/24 03:45	0	2	3	1	15.6	62	3.2	354	28
01/09/24 03:50	0	3	3	1	15.5	62	2.3	336	34
01/09/24 03:55	0	2	2	1	15.5	63	3.2	339	29
01/09/24 04:00	0	2	2	1	15.5	63	3.3	343	31
01/09/24 04:05	0	2	2	1	15.6	64	3.9	335	26
01/09/24 04:10	0	2	2	1	15.6	64	2.5	331	38
01/09/24 04:15	0	2	2	1	15.6	64	3.8	341	30
01/09/24 04:20	0	2	2	1	15.6	64	2.6	336	32
01/09/24 04:25	0	2	2	1	15.6	64	2.1	340	42
01/09/24 04:30	0	2	2	1	15.7	64	2.7	345	32
01/09/24 04:35	0	2	2	1	15.7	64	2.4	352	29
01/09/24 04:40	0	2	2	1	15.6	65	2.0	355	38
01/09/24 04:45	0	2	2	1	15.5	65	2.4	357	32
01/09/24 04:50	0	2	2	1	15.5	65	2.4	347	40
01/09/24 04:55	0	2	2	1	15.5	65	2.7	329	36
01/09/24 05:00	0	2	2	1	15.5	65	3.6	335	29
01/09/24 05:05	0	2	2	1	15.6	65	3.3	353	34
01/09/24 05:10	0	2	2	1	15.5	65	4.3	4	20
01/09/24 05:15	0	2	2	1	15.4	66	2.9	360	25
01/09/24 05:20	0	2	2	1	15.3	66	3.1	2	29
01/09/24 05:25	0	2	2	1	15.3	67	3.3	356	26
01/09/24 05:30	0	2	2	1	15.2	67	3.0	356	36
01/09/24 05:35	0	2	2	1	15.2	66	3.1	351	31
01/09/24 05:40	0	2	3	1	15.2	66	2.8	348	33
01/09/24 05:45	0	2	3	1	15.1	66	3.0	348	31
01/09/24 05:50	0	2	3	1	15.1	66	3.3	353	31
01/09/24 05:55	0	3	3	1	15.1	66	2.3	323	38
01/09/24 06:00	0	3	3	1	15.1	66	2.9	333	34
01/09/24 06:05	0	3	3	1	15.1	66	2.8	328	36
01/09/24 06:10	0	3	3	1	15.0	66	2.8	334	33
01/09/24 06:15	0	3	3	1	15.1	66	3.7	342	27
01/09/24 06:20	0	3	3	1	15.1	66	3.1	325	32
01/09/24 06:25	0	3	3	1	15.2	65	3.1	331	35
01/09/24 06:30	0	3	3	1	15.2	65	3.7	330	27
01/09/24 06:35	0	3	3	1	15.2	65	3.9	324	24
01/09/24 06:40	0	4	4	1	15.2	65	3.8	330	24
01/09/24 06:45	0	4	5	1	15.3	65	2.9	354	32
01/09/24 06:50	0	5	5	1	15.1	66	2.9	343	35
01/09/24 06:55	0	5	5	1	15.2	66	3.8	333	26
01/09/24 07:00	0	5	6	1	15.2	66	4.3	333	23
01/09/24 07:05	0	5	5	1	15.2	66	3.6	321	19
01/09/24 07:10	0	5	5	1	15.2	66	4.0	322	25

Station Pier Ambient Air Quality Monitoring

September 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 (°)
01/09/24 07:15	0	5	5	1	15.2	66	4.2	321	21
01/09/24 07:20	0	5	5	1	15.2	66	4.5	311	21
01/09/24 07:25	0	5	5	1	15.2	67	3.7	315	29
01/09/24 07:30	0	5	5	1	15.2	66	3.4	328	26
01/09/24 07:35	0	5	5	1	15.1	67	2.4	334	37
01/09/24 07:40	0	4	5	1	15.1	67	3.4	319	26
01/09/24 07:45	0	4	5	1	15.1	67	3.0	317	29
01/09/24 07:50	0	4	5	1	15.2	67	3.5	318	23
01/09/24 07:55	1	4	5	1	15.2	67	4.4	317	25
01/09/24 08:00	1	4	5	1	15.3	66	3.9	320	28
01/09/24 08:05	1	4	5	1	15.6	65	4.1	322	28
01/09/24 08:10	1	4	5	1	15.6	64	3.8	325	24
01/09/24 08:15	1	4	5	1	15.7	64	4.4	327	26
01/09/24 08:20	1	4	4	1	15.8	64	4.1	328	26
01/09/24 08:25	1	4	4	1	16.0	63	3.3	328	31
01/09/24 08:30	1	4	4	1	16.0	63	3.8	319	27
01/09/24 08:35	1	3	4	1	16.1	63	4.8	322	28
01/09/24 08:40	1	3	4	1	16.2	63	3.5	316	29
01/09/24 08:45	1	4	4	1	16.3	62	4.5	315	25
01/09/24 08:50	1	4	5	1	16.3	63	3.8	317	28
01/09/24 08:55	1	4	5	1	16.2	63	5.1	311	17
01/09/24 09:00	1	4	5	1	16.2	63	4.8	315	25
01/09/24 09:05	1	4	5	1	16.4	63	4.8	328	28
01/09/24 09:10	1	4	5	1	16.6	62	4.3	320	27
01/09/24 09:15	1	4	5	1	16.7	61	4.2	315	26
01/09/24 09:20	1	4	5	1	16.9	60	5.7	315	21
01/09/24 09:25	1	4	5	1	16.9	60	6.3	310	20
01/09/24 09:30	1	4	5	1	16.9	60	6.4	310	18
01/09/24 09:35	1	4	5	1	17.0	60	3.5	321	33
01/09/24 09:40	1	4	5	1	17.4	59	4.7	337	26
01/09/24 09:45	1	4	5	1	17.3	58	4.6	315	24
01/09/24 09:50	1	4	5	1	17.4	58	5.1	303	18
01/09/24 09:55	1	4	5	1	17.3	59	5.0	313	23
01/09/24 10:00	1	4	5	1	17.3	59	5.0	314	22
01/09/24 10:05	1	4	5	1	17.3	59	4.4	306	19
01/09/24 10:10	1	4	5	1	17.2	59	5.5	311	20
01/09/24 10:15	1	4	5	1	17.1	59	6.4	310	17
01/09/24 10:20	1	4	5	1	16.9	60	6.8	308	16
01/09/24 10:25	1	4	5	1	16.8	61	5.3	316	25
01/09/24 10:30	1	4	5	1	16.8	61	4.4	318	28
01/09/24 10:35	1	4	5	1	16.8	61	4.6	318	20
01/09/24 10:40	1	3	4	1	17.0	61	4.2	311	19
01/09/24 10:45	1	4	5	1	17.1	60	5.0	316	22
01/09/24 10:50	1	4	5	1	17.7	57	5.3	300	14
01/09/24 10:55	1	3	4	1	17.9	55	6.0	305	17
01/09/24 11:00	1	3	4	1	18.1	54	7.6	299	18
01/09/24 11:05	1	3	4	1	18.1	54	6.6	295	19
01/09/24 11:10	1	2	3	1	18.2	54	7.5	305	14
01/09/24 11:15	1	2	3	1	18.4	53	7.7	292	15
01/09/24 11:20	1	2	3	1	18.4	54	6.9	282	14
01/09/24 11:25	1	2	3	1	18.4	54	7.0	292	17
01/09/24 11:30	1	2	3	1	18.2	54	7.8	289	14
01/09/24 11:35	1	2	2	1	18.3	54	8.2	294	17
01/09/24 11:40	1	2	3	1	18.6	53	7.2	301	17
01/09/24 11:45	1	2	2	1	18.6	53	7.4	299	17
01/09/24 11:50	0	2	2	1	18.7	53	7.8	295	15
01/09/24 11:55	0	2	2	1	18.8	53	6.4	295	19
01/09/24 12:00	1	2	2	1	19.0	52	7.4	307	19
01/09/24 12:05	0	2	2	1	19.1	51	6.5	306	16
01/09/24 12:10	1	2	2	1	19.0	51	7.6	296	15
01/09/24 12:15	1	2	3	1	19.1	51	6.7	293	16
01/09/24 12:20	1	2	3	1	19.2	51	7.1	307	17
01/09/24 12:25	1	2	3	1	19.3	51	6.2	312	19
01/09/24 12:30	1	3	4	1	19.3	51	7.2	309	18
01/09/24 12:35	1	3	4	1	19.3	52	6.8	297	16
01/09/24 12:40	1	2	4	1	19.2	52	7.3	305	16
01/09/24 12:45	1	3	4	1	19.2	52	7.9	305	14
01/09/24 12:50	1	2	4	1	19.3	52	5.4	300	19
01/09/24 12:55	1	2	3	1	19.3	52	6.9	299	17
01/09/24 13:00	1	2	3	1	19.4	52	7.0	302	15
01/09/24 13:05	1	3	4	1	19.4	52	6.7	304	16
01/09/24 13:10	1	3	4	1	19.4	51	7.3	298	17
01/09/24 13:15	1	3	4	1	19.3	52	7.2	284	16
01/09/24 13:20	1	2	3	1	19.5	52	6.4	298	17
01/09/24 13:25	1	2	3	1	19.5	51	7.8	304	14
01/09/24 13:30	1	2	3	1	19.6	52	6.1	296	20
01/09/24 13:35	1	2	3	1	19.5	52	6.8	303	16
01/09/24 13:40	1	2	3	1	19.5	53	5.8	298	16
01/09/24 13:45	1	2	3	1	19.5	52	6.6	285	15
01/09/24 13:50	1	2	3	1	19.5	52	6.7	291	17
01/09/24 13:55	0	2	2	1	19.4	52	8.7	286	13
01/09/24 14:00	0	2	2	1	19.4	53	7.3	285	14
01/09/24 14:05	0	2	2	1	19.6	52	6.5	292	16
01/09/24 14:10	0	2	2	1	19.7	51	7.2	284	13
01/09/24 14:15	0	2	2	1	19.9	51	8.2	282	13
01/09/24 14:20	0	2	2	1	19.9	50	8.1	283	12

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
01/09/24 14:25	0	2	2	1	20.1	49	8.5	288	12
01/09/24 14:30	1	2	2	1	19.8	51	8.5	281	13
01/09/24 14:35	1	2	3	1	19.6	51	8.1	282	13
01/09/24 14:40	1	2	3	1	19.7	51	6.5	289	15
01/09/24 14:45	1	2	3	1	20.0	51	6.4	297	18
01/09/24 14:50	0	2	2	1	20.1	50	7.0	296	16
01/09/24 14:55	0	2	2	1	20.0	51	6.7	292	16
01/09/24 15:00	0	2	2	1	20.1	51	6.2	294	15
01/09/24 15:05	0	2	2	1	20.1	51	5.0	301	22
01/09/24 15:10	1	2	3	1	20.3	51	5.8	306	13
01/09/24 15:15	1	3	3	1	20.4	51	6.9	305	12
01/09/24 15:20	1	3	3	1	20.3	51	6.6	287	15
01/09/24 15:25	1	2	3	1	20.2	51	4.9	287	18
01/09/24 15:30	1	2	3	1	20.4	51	5.9	298	15
01/09/24 15:35	1	3	3	1	20.5	50	5.9	307	15
01/09/24 15:40	1	3	4	1	20.4	51	6.3	305	17
01/09/24 15:45	1	4	5	2	20.4	51	5.4	309	23
01/09/24 15:50	1	4	5	1	20.3	51	6.8	308	18
01/09/24 15:55	1	4	5	1	20.2	51	7.3	302	15
01/09/24 16:00	1	4	5	1	20.0	52	5.4	297	17
01/09/24 16:05	1	4	5	1	20.0	52	7.0	301	14
01/09/24 16:10	1	3	4	1	19.8	53	7.4	303	14
01/09/24 16:15	1	3	4	1	19.7	54	5.6	293	17
01/09/24 16:20	1	3	4	1	19.6	55	5.1	303	15
01/09/24 16:25	1	4	5	1	19.5	56	5.4	308	20
01/09/24 16:30	1	4	5	1	19.4	57	6.3	306	13
01/09/24 16:35	1	5	6	2	19.2	57	6.5	306	16
01/09/24 16:40	1	5	6	2	19.1	58	6.1	309	16
01/09/24 16:45	1	5	6	2	19.1	58	6.4	303	15
01/09/24 16:50	1	5	6	2	19.1	58	5.0	303	16
01/09/24 16:55	1	5	5	2	19.1	57	6.4	304	18
01/09/24 17:00	0	4	5	1	19.2	57	7.1	306	12
01/09/24 17:05	0	4	4	1	19.2	57	5.6	306	14
01/09/24 17:10	0	4	5	1	19.2	57	6.7	307	17
01/09/24 17:15	0	4	5	1	19.2	57	6.5	306	14
01/09/24 17:20	1	5	5	1	19.1	58	4.3	310	18
01/09/24 17:25	1	5	6	1	19.1	58	4.2	313	27
01/09/24 17:30	1	5	6	1	19.0	58	3.8	309	25
01/09/24 17:35	1	6	7	1	18.9	58	5.4	312	20
01/09/24 17:40	1	6	7	1	18.8	59	6.3	308	15
01/09/24 17:45	1	6	6	1	18.6	60	6.1	308	18
01/09/24 17:50	1	6	7	2	18.5	60	7.2	306	10
01/09/24 17:55	1	6	7	1	18.5	59	6.3	312	17
01/09/24 18:00	0	6	7	2	18.6	59	5.8	307	17
01/09/24 18:05	0	6	7	1	18.5	59	5.4	311	17
01/09/24 18:10	0	6	7	2	18.4	59	6.6	305	19
01/09/24 18:15	0	7	7	2	18.4	59	5.4	307	17
01/09/24 18:20	0	7	7	2	18.3	59	5.3	304	22
01/09/24 18:25	0	7	7	2	18.4	58	6.3	308	17
01/09/24 18:30	0	7	8	2	18.4	58	4.8	306	17
01/09/24 18:35	0	7	8	2	18.5	57	5.8	305	16
01/09/24 18:40	0	7	7	2	18.5	57	6.2	308	16
01/09/24 18:45	0	7	7	2	18.5	57	5.4	307	15
01/09/24 18:50	0	7	7	2	18.5	57	4.7	307	16
01/09/24 18:55	0	8	8	2	18.5	56	3.5	313	25
01/09/24 19:00	0	9	9	2	18.4	57	3.2	320	26
01/09/24 19:05	0	9	9	2	18.4	57	3.2	321	26
01/09/24 19:10	0	8	9	2	18.3	57	4.9	311	19
01/09/24 19:15	0	8	9	2	18.5	56	5.2	314	17
01/09/24 19:20	0	8	9	2	18.6	56	3.8	323	21
01/09/24 19:25	0	8	9	2	18.4	56	3.3	309	21
01/09/24 19:30	0	9	9	2	18.4	57	3.2	310	19
01/09/24 19:35	0	9	9	2	18.4	57	2.9	314	23
01/09/24 19:40	0	8	9	2	18.4	57	3.1	319	32
01/09/24 19:45	0	8	8	2	18.3	57	2.5	315	21
01/09/24 19:50	0	7	8	2	18.3	57	3.1	322	31
01/09/24 19:55	0	7	8	2	18.3	56	3.0	314	25
01/09/24 20:00	0	7	7	2	18.4	56	3.8	316	23
01/09/24 20:05	0	7	7	2	18.5	55	2.9	324	28
01/09/24 20:10	0	7	7	2	18.6	54	3.4	319	24
01/09/24 20:15	0	7	7	2	18.7	54	3.8	320	26
01/09/24 20:20	0	7	7	2	18.8	53	4.1	316	26
01/09/24 20:25	0	6	7	2	19.0	52	4.0	316	21
01/09/24 20:30	0	6	6	2	19.1	51	4.8	309	23
01/09/24 20:35	0	6	6	2	19.3	50	4.3	307	21
01/09/24 20:40	0	6	6	1	19.4	49	5.7	307	20
01/09/24 20:45	0	6	6	2	19.6	48	6.7	303	15
01/09/24 20:50	0	6	7	2	19.7	47	6.7	304	16
01/09/24 20:55	0	6	6	2	19.7	47	7.3	308	13
01/09/24 21:00	0	6	6	2	19.8	47	7.4	305	13
01/09/24 21:05	0	6	6	2	19.8	47	7.4	310	21
01/09/24 21:10	0	5	6	2	19.9	46	7.1	308	18
01/09/24 21:15	0	5	5	2	19.9	47	7.4	306	15
01/09/24 21:20	0	5	5	1	19.8	47	7.2	304	16
01/09/24 21:25	0	4	5	1	19.9	47	8.2	308	15
01/09/24 21:30	0	4	5	1	19.9	47	7.9	304	17

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
01/09/24 21:35	0	4	5	1	19.8	46	8.3	305	15
01/09/24 21:40	0	4	4	2	19.9	46	9.0	310	12
01/09/24 21:45	0	4	5	2	19.8	46	6.9	305	17
01/09/24 21:50	0	5	5	1	19.8	46	7.7	308	17
01/09/24 21:55	0	5	5	2	19.7	46	7.4	307	15
01/09/24 22:00	0	5	5	2	19.6	46	6.6	307	16
01/09/24 22:05	0	5	5	1	19.5	47	6.6	305	16
01/09/24 22:10	0	6	6	1	19.6	46	7.2	308	18
01/09/24 22:15	0	6	6	1	19.6	46	7.6	306	14
01/09/24 22:20	0	6	6	1	19.5	46	7.5	305	15
01/09/24 22:25	0	6	6	1	19.4	47	5.4	305	18
01/09/24 22:30	0	6	7	1	19.3	47	5.9	301	16
01/09/24 22:35	1	7	8	2	19.3	47	7.7	305	14
01/09/24 22:40	0	7	8	2	19.4	46	7.6	302	16
01/09/24 22:45	0	6	6	2	19.4	45	8.8	304	16
01/09/24 22:50	0	2	2	2	19.4	44	6.6	297	20
01/09/24 22:55	0	2	2	1	19.3	44	8.8	293	13
01/09/24 23:00	0	2	2	1	19.3	44	6.6	296	15
01/09/24 23:05	0	2	2	1	19.3	44	6.4	297	17
01/09/24 23:10	0	2	2	1	19.2	44	6.9	298	15
01/09/24 23:15	0	2	2	1	19.3	44	8.4	301	13
01/09/24 23:20	0	2	2	1	19.4	44	8.2	307	14
01/09/24 23:25	0	2	2	1	19.3	45	7.3	302	15
01/09/24 23:30	0	2	2	1	19.2	45	6.9	301	17
01/09/24 23:35	0	2	2	1	19.2	46	5.6	300	17
01/09/24 23:40	0	2	2	1	19.1	46	7.3	303	13
01/09/24 23:45	0	2	2	1	19.1	47	8.1	306	17
01/09/24 23:50	0	2	2		19.1	47	7.7	310	19
01/09/24 23:55	0	2	2		19.1	47	8.1	306	13
02/09/24 00:00	0	2	2	1	19.1	47	8.2	305	16
02/09/24 00:05	0	2	2	1	19.1	47	8.4	305	16
02/09/24 00:10	0	2	2	1	19.2	46	8.5	305	17
02/09/24 00:15	0	2	2	2	19.2	46	9.5	306	14
02/09/24 00:20	0	2	2	2	19.1	46	8.7	304	12
02/09/24 00:25	0	2	2	2	19.0	46	8.7	304	14
02/09/24 00:30	0	2	2	2	18.9	47	8.1	299	19
02/09/24 00:35	0	2	2	2	18.9	47	7.3	299	16
02/09/24 00:40	0	2	2	2	18.7	48	6.9	298	17
02/09/24 00:45	0	2	1	2	18.6	48	7.4	297	15
02/09/24 00:50	0	1	2	2	18.6	48	7.2	298	14
02/09/24 00:55	0	1	1	2	18.6	48	8.2	297	17
02/09/24 01:00	0	1	1	2	18.6	49	7.5	291	15
02/09/24 01:05					18.5	49	7.2	293	12
02/09/24 01:10					18.5	50	6.9	288	16
02/09/24 01:15					18.4	49	8.5	293	14
02/09/24 01:20					18.5	50	7.7	295	17
02/09/24 01:25					18.3	51	9.5	297	17
02/09/24 01:30					18.1	52	9.2	293	16
02/09/24 01:35					18.0	53	7.4	302	17
02/09/24 01:40					17.8	53	7.9	304	16
02/09/24 01:45					17.7	54	7.7	306	19
02/09/24 01:50					17.6	54	7.4	304	17
02/09/24 01:55					17.6	55	7.9	308	14
02/09/24 02:00					17.5	54	7.7	309	12
02/09/24 02:05	0	2	2	2	17.6	54	6.7	303	14
02/09/24 02:10	0	2	2	2	17.6	53	8.3	303	16
02/09/24 02:15	0	2	2	2	17.7	53	8.1	300	14
02/09/24 02:20	0	2	2	2	17.7	53	8.3	304	16
02/09/24 02:25	0	2	2	2	17.5	54	7.3	296	14
02/09/24 02:30	0	2	2	2	17.5	54	6.6	302	15
02/09/24 02:35	0	2	2	2	17.5	55	7.2	297	17
02/09/24 02:40	0	2	2	2	17.4	56	9.3	281	18
02/09/24 02:45	0	2	2	2	14.5	73	18.1	262	7
02/09/24 02:50				1	12.2	89	17.2	266	5
02/09/24 02:55				1	12.1	89	14.0	270	8
02/09/24 03:00					12.3	88	13.9	266	10
02/09/24 03:05					12.0	84	16.6	258	7
02/09/24 03:10					11.6	83	16.0	267	9
02/09/24 03:15				1	12.3	74	14.1	277	12
02/09/24 03:20				1	12.4	73	9.1	283	11
02/09/24 03:25				1	12.5	70	9.9	282	10
02/09/24 03:30				1	12.6	68	8.6	280	10
02/09/24 03:35				1	12.8	67	9.3	276	12
02/09/24 03:40				1	12.8	66	10.4	279	9
02/09/24 03:45				1	12.9	65	8.2	282	11
02/09/24 03:50				1	12.8	65	9.0	276	10
02/09/24 03:55				1	12.9	64	8.4	278	11
02/09/24 04:00				1	13.0	62	10.8	275	10
02/09/24 04:05	0	2	2	1	13.1	61	10.2	274	11
02/09/24 04:10	0	2	2	1	13.0	61	10.3	277	11
02/09/24 04:15	0	2	2	1	12.8	61	9.6	280	12
02/09/24 04:20	0	2	2	1	12.7	61	9.0	284	13
02/09/24 04:25	0	2	2	1	12.6	61	9.6	281	13
02/09/24 04:30	0	3	3	0	12.6	60	9.7	280	13
02/09/24 04:35	0	3	3	1	12.5	58	11.7	277	9
02/09/24 04:40	0	2	3	1	12.6	58	13.0	275	10

Station Pier Ambient Air Quality Monitoring
September 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 (°)
02/09/24 04:45	0	2	2	1	12.6	58	11.5	275	9
02/09/24 04:50	0	2	2	1	12.5	59	9.9	277	12
02/09/24 04:55	0	2	2	1	12.5	58	11.2	275	10
02/09/24 05:00	0	2	2	1	12.4	59	9.2	274	9
02/09/24 05:05	0	2	2	1	12.3	58	8.5	277	12
02/09/24 05:10	0	2	2	1	12.3	58	10.2	280	11
02/09/24 05:15	0	3	3	1	12.2	58	9.4	278	11
02/09/24 05:20	0	4	4	1	12.1	58	9.0	279	9
02/09/24 05:25	0	4	4	1	12.0	58	9.7	275	11
02/09/24 05:30	0	4	4	1	11.9	58	10.5	278	12
02/09/24 05:35	0	4	4	1	11.8	60	9.5	273	10
02/09/24 05:40	0	4	4	0	11.7	60	9.4	276	10
02/09/24 05:45	0	4	4	1	11.7	60	9.0	279	12
02/09/24 05:50	0	3	4	1	11.6	60	8.8	278	12
02/09/24 05:55	0	4	4	0	11.6	60	7.7	284	11
02/09/24 06:00	0	5	5	1	11.6	59	8.7	289	11
02/09/24 06:05	0	6	6	1	11.6	59	10.6	273	10
02/09/24 06:10	0	6	6	1	11.6	60	8.7	279	12
02/09/24 06:15	0	6	6	1	11.7	59	12.0	274	13
02/09/24 06:20	0	5	6	1	11.6	59	12.7	275	10
02/09/24 06:25	0	5	5	1	11.5	59	9.9	277	11
02/09/24 06:30	0	5	6	1	11.4	59	9.7	277	11
02/09/24 06:35	0	5	6	1	11.4	60	10.1	278	7
02/09/24 06:40	0	6	6	1	11.3	61	8.1	276	9
02/09/24 06:45	0	6	6	1	11.2	62	9.9	277	11
02/09/24 06:50	0	6	6	1	11.1	63	13.1	274	13
02/09/24 06:55	0	6	6	1	10.9	64	11.4	274	9
02/09/24 07:00	0	6	7	1	10.8	65	7.8	275	11
02/09/24 07:05	0	7	7	0	10.7	65	7.9	279	12
02/09/24 07:10	0	7	7	1	10.5	64	8.8	276	9
02/09/24 07:15	0	6	7	1	10.4	64	7.4	282	12
02/09/24 07:20	0	7	7	1	10.4	65	7.7	284	13
02/09/24 07:25	1	10	10	1	10.4	64	7.4	291	14
02/09/24 07:30	1	14	15	1	10.5	65	6.0	285	14
02/09/24 07:35	2	14	16	1	10.5	64	6.3	284	17
02/09/24 07:40	2	10	12	1	10.5	63	7.4	286	15
02/09/24 07:45	2	8	10	1	10.5	63	8.0	289	13
02/09/24 07:50	2	8	9	1	10.6	63	8.0	278	13
02/09/24 07:55	2	8	10	1	10.7	62	10.6	278	9
02/09/24 08:00	2	6	7	1	10.7	64	10.9	272	10
02/09/24 08:05	1	5	6	0	10.4	66	8.0	279	10
02/09/24 08:10	2	6	7	1	10.3	66	8.2	278	11
02/09/24 08:15	2	6	8	1	10.4	66	8.8	277	10
02/09/24 08:20	2	7	9	1	10.5	65	7.1	279	14
02/09/24 08:25	2	7	9	1	10.5	64	8.0	279	13
02/09/24 08:30	2	6	8	1	10.5	64	9.5	272	11
02/09/24 08:35	2	6	8	1	10.5	64	8.0	272	8
02/09/24 08:40	2	6	8	1	10.4	64	8.7	271	10
02/09/24 08:45	2	7	8	1	10.4	65	6.5	280	12
02/09/24 08:50	2	7	8	1	10.6	64	8.9	276	12
02/09/24 08:55	2	7	9	1	10.7	63	8.4	275	10
02/09/24 09:00	2	7	9	1	10.9	63	8.7	268	8
02/09/24 09:05	2	6	9	1	11.1	60	11.4	266	7
02/09/24 09:10	2	6	8	1	11.4	60	11.7	268	8
02/09/24 09:15	2	6	8	1	11.5	59	12.4	269	6
02/09/24 09:20	2	5	7	1	11.7	58	12.8	268	7
02/09/24 09:25	2	5	7	1	11.7	60	10.9	265	8
02/09/24 09:30	2	5	7	1	11.8	60	11.3	269	10
02/09/24 09:35	2	5	6	1	12.0	60	13.6	271	7
02/09/24 09:40	2	4	6	1	11.9	60	13.4	265	7
02/09/24 09:45	1	4	5	1	12.0	58	12.7	263	6
02/09/24 09:50	1	4	5	1	12.2	57	10.8	265	11
02/09/24 09:55	1	4	5	1	12.3	55	14.3	262	6
02/09/24 10:00	1	3	5	1	12.1	56	14.9	264	7
02/09/24 10:05	1	3	4	1	12.0	58	13.3	252	7
02/09/24 10:10	1	3	4	1	11.4	61	13.2	260	7
02/09/24 10:15	1	3	4	1	11.5	61	13.5	260	6
02/09/24 10:20	1	3	4	1	11.8	61	9.9	260	6
02/09/24 10:25	1	3	5	1	12.0	57	11.7	263	9
02/09/24 10:30	1	3	4	1	12.0	54	14.0	257	7
02/09/24 10:35	1	3	4	1	12.2	54	13.5	265	9
02/09/24 10:40	1	3	4	1	12.0	56	16.9	265	5
02/09/24 10:45	1	3	4	1	11.7	59	13.5	261	7
02/09/24 10:50	1	3	4	1	11.8	60	12.2	265	8
02/09/24 10:55	1	3	4	1	12.0	59	10.2	272	9
02/09/24 11:00	1	3	4	1	12.2	58	10.2	279	11
02/09/24 11:05	1	3	4	1	12.3	57	15.3	267	7
02/09/24 11:10	1	3	4	1	12.1	58	14.0	270	7
02/09/24 11:15	1	3	4	1	12.0	57	13.9	265	10
02/09/24 11:20	1	3	4	1	12.0	58	14.2	264	7
02/09/24 11:25	1	3	4	1	12.0	60	16.1	262	7
02/09/24 11:30	1	3	4	1	11.4	61	14.0	257	7
02/09/24 11:35	1	2	3	1	11.1	65	12.8	257	8
02/09/24 11:40	1	2	3	1	10.8	67	13.2	264	6
02/09/24 11:45	1	2	3	1	10.6	70	12.2	266	6
02/09/24 11:50	1	2	3	1	10.4	72	8.7	270	8

Station Pier Ambient Air Quality Monitoring

September 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 (°)
02/09/24 11:55	1	3	4	1	11.0	71	6.6	281	12
02/09/24 12:00	2	5	7	1	11.1	68	10.4	270	7
02/09/24 12:05	2	5	7	1	11.3	67	8.7	276	9
02/09/24 12:10	2	5	7	1	11.6	67	7.1	275	12
02/09/24 12:15	2	5	7	1	12.0	66	6.5	276	13
02/09/24 12:20	2	5	7	1	12.1	64	6.8	287	16
02/09/24 12:25	2	5	7	1	12.3	61	9.6	268	11
02/09/24 12:30	2	5	6	1	12.4	60	11.4	268	6
02/09/24 12:35	2	4	6	1	12.6	59	10.3	258	11
02/09/24 12:40	2	4	5	1	12.6	57	10.9	241	9
02/09/24 12:45	1	3	5	1	11.7	62	13.8	229	10
02/09/24 12:50	1	3	3	1	9.6	77	12.7	224	4
02/09/24 12:55	1	2	3	1	9.3	79	9.8	232	5
02/09/24 13:00	1	2	2	1	9.7	75	10.2	238	7
02/09/24 13:05	1	2	2	1	10.0	73	8.5	244	6
02/09/24 13:10	1	2	3	1	10.4	74	8.5	244	7
02/09/24 13:15	0	2	3	1	11.1	68	11.1	251	11
02/09/24 13:20	0	3	3	1	11.2	65	13.9	260	7
02/09/24 13:25	1	3	4	1	10.9	71	12.0	269	10
02/09/24 13:30	1	3	4	1	10.4	74	8.8	273	9
02/09/24 13:35	1	3	4	0	10.6	73	6.7	278	9
02/09/24 13:40	1	4	5	0	11.1	71	8.5	273	9
02/09/24 13:45	2	4	5	0	11.6	69	9.9	267	7
02/09/24 13:50	2	4	6	0	12.0	67	11.3	266	6
02/09/24 13:55	2	4	6	0	12.3	64	11.5	262	8
02/09/24 14:00	2	4	6	0	12.5	61	11.5	265	8
02/09/24 14:05	2	4	6	0	12.4	61	10.8	266	8
02/09/24 14:10	2	4	6	0	12.6	59	11.0	264	7
02/09/24 14:15	2	4	6	0	12.8	58	11.8	269	7
02/09/24 14:20	2	4	5	0	13.0	55	15.1	263	7
02/09/24 14:25	1	3	5	0	13.0	55	14.8	264	7
02/09/24 14:30	1	3	4	0	12.9	55	14.4	254	6
02/09/24 14:35	1	3	4	0	12.9	58	12.5	252	10
02/09/24 14:40	1	3	4	0	12.1	60	13.9	229	6
02/09/24 14:45	1	2	3	0	11.0	70	14.2	231	6
02/09/24 14:50	1	2	3	0	10.1	77	9.1	251	8
02/09/24 14:55	1	2	3	0	10.1	75	9.0	252	7
02/09/24 15:00	1	3	4	0	10.9	72	9.0	247	8
02/09/24 15:05	1	3	5	0	11.5	70	7.4	247	8
02/09/24 15:10	2	4	5	0	11.9	65	10.8	252	8
02/09/24 15:15	2	4	6	0	12.4	60	12.4	259	6
02/09/24 15:20	2	3	5	0	12.6	59	11.6	261	7
02/09/24 15:25	2	3	5	1	12.7	58	10.4	264	9
02/09/24 15:30	2	3	5	1	12.9	57	12.0	263	8
02/09/24 15:35	1	3	5	1	12.8	56	15.4	254	7
02/09/24 15:40	1	3	5	0	12.7	56	15.9	258	6
02/09/24 15:45	1	3	4	0	12.2	59	16.1	263	7
02/09/24 15:50	1	3	4	0	11.6	62	15.0	265	8
02/09/24 15:55	1	3	4	0	11.3	65	10.6	272	8
02/09/24 16:00	1	3	5	0	11.3	65	12.2	271	7
02/09/24 16:05	2	4	5	1	11.3	65	11.4	265	8
02/09/24 16:10	2	4	5	0	11.5	65	11.4	263	6
02/09/24 16:15	2	4	5	1	11.7	64	10.8	267	7
02/09/24 16:20	2	4	6	1	11.7	66	8.6	270	6
02/09/24 16:25	2	5	7	0	11.7	66	9.1	271	9
02/09/24 16:30	2	6	8	0	12.0	64	10.9	260	10
02/09/24 16:35	2	6	7	0	12.2	58	13.6	255	7
02/09/24 16:40	2	7	9	0	12.2	61	11.9	262	5
02/09/24 16:45	2	4	6	0	12.2	61	11.0	261	7
02/09/24 16:50	2	2	4	0	12.2	62	11.4	256	6
02/09/24 16:55	1	3	4	0	12.4	63	10.5	257	7
02/09/24 17:00	1	3	4	0	12.4	62	11.3	254	6
02/09/24 17:05	1	3	4	1	12.5	62	9.9	260	6
02/09/24 17:10	1	3	4	0	12.5	59	11.3	257	8
02/09/24 17:15	1	3	4	0	12.6	57	10.7	253	9
02/09/24 17:20	1	4	5	0	12.6	56	10.7	254	7
02/09/24 17:25	1	4	5	0	12.6	56	13.4	255	8
02/09/24 17:30	1	4	4	1	12.3	56	13.1	253	6
02/09/24 17:35	1	4	4	1	12.2	57	13.9	254	7
02/09/24 17:40	0	4	4	1	12.1	59	10.9	260	8
02/09/24 17:45	0	3	4	1	11.9	60	12.3	260	6
02/09/24 17:50	0	3	4	1	12.0	61	11.4	260	7
02/09/24 17:55	0	3	3	0	11.9	62	9.6	256	7
02/09/24 18:00	0	3	4	0	11.8	60	10.5	259	7
02/09/24 18:05	0	4	4	0	11.9	60	9.5	258	9
02/09/24 18:10	0	4	4	0	11.8	61	8.7	261	6
02/09/24 18:15	0	4	4	0	11.7	63	8.9	260	5
02/09/24 18:20	0	4	4	0	11.6	64	8.5	263	6
02/09/24 18:25	0	4	4	0	11.7	65	8.1	266	8
02/09/24 18:30	0	4	5	0	11.6	64	8.5	264	7
02/09/24 18:35	0	4	4	0	11.7	64	8.2	266	8
02/09/24 18:40	0	5	6	1	11.7	64	7.9	269	7
02/09/24 18:45	0	5	6	1	11.7	64	7.8	269	9
02/09/24 18:50	0	5	5	1	11.8	64	8.0	271	8
02/09/24 18:55	0	5	5	0	11.8	64	9.5	268	8
02/09/24 19:00	0	5	5	0	11.5	68	11.5	260	8

Station Pier Ambient Air Quality Monitoring

September 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 (°)
02/09/24 19:05	0	5	5	0	10.9	73	10.8	252	6
02/09/24 19:10	0	5	5	0	10.7	74	8.8	258	7
02/09/24 19:15	0	4	4	0	10.8	73	9.0	259	6
02/09/24 19:20	0	4	4	0	10.8	73	6.9	259	7
02/09/24 19:25	0	4	4	0	10.9	73	6.7	261	6
02/09/24 19:30	0	4	4	0	10.8	73	6.8	265	5
02/09/24 19:35	0	4	4	0	10.9	72	5.2	273	10
02/09/24 19:40	0	4	5	0	10.9	71	5.2	275	10
02/09/24 19:45	0	5	5	0	10.8	70	5.0	277	10
02/09/24 19:50	0	5	5	0	10.8	69	5.4	274	10
02/09/24 19:55	0	5	5	1	10.9	69	6.7	270	7
02/09/24 20:00	0	5	5	0	11.0	69	6.8	269	9
02/09/24 20:05	0	5	5	0	10.9	70	6.9	267	7
02/09/24 20:10	0	5	5	0	10.9	69	7.3	269	6
02/09/24 20:15	0	5	5	1	10.9	70	5.6	277	9
02/09/24 20:20	0	5	5	0	10.8	71	4.7	281	12
02/09/24 20:25	0	5	5	0	10.7	71	4.2	285	12
02/09/24 20:30	0	6	6	0	10.5	72	4.0	282	14
02/09/24 20:35	0	6	6	0	10.6	71	5.2	278	11
02/09/24 20:40	0	6	6	0	10.9	71	5.8	274	10
02/09/24 20:45	0	6	6	0	10.9	70	6.5	269	8
02/09/24 20:50	0	8	8	0	11.0	71	5.8	262	6
02/09/24 20:55	0	8	8	0	11.1	68	7.5	255	8
02/09/24 21:00	0	8	8	0	11.2	69	7.4	256	6
02/09/24 21:05	0	7	7	1	11.2	70	6.9	260	6
02/09/24 21:10	0	7	7	0	11.1	71	7.4	265	6
02/09/24 21:15	0	7	7	0	11.1	71	8.1	263	6
02/09/24 21:20	0	7	7	0	11.0	71	6.8	268	9
02/09/24 21:25	0	7	7	0	11.1	72	7.0	269	6
02/09/24 21:30	0	7	7	0	11.0	72	5.9	271	8
02/09/24 21:35	0	8	8	0	10.9	73	3.5	281	11
02/09/24 21:40	0	7	8	0	11.0	73	5.3	279	11
02/09/24 21:45	0	7	7	0	11.0	73	5.4	274	9
02/09/24 21:50	0	7	7	1	10.9	73	6.0	270	10
02/09/24 21:55	0	7	7	1	11.0	72	7.0	270	6
02/09/24 22:00	0	7	7	0	11.0	72	7.0	270	7
02/09/24 22:05	0	7	7	0	11.0	73	6.9	265	8
02/09/24 22:10	0	7	7	0	11.0	72	7.2	263	8
02/09/24 22:15	0	7	7	0	11.0	70	8.3	260	7
02/09/24 22:20	0	6	7	0	11.1	70	7.2	255	8
02/09/24 22:25	0	6	7	1	11.0	70	7.0	260	7
02/09/24 22:30	0	6	6	1	11.0	71	6.2	267	6
02/09/24 22:35	0	6	6	0	11.0	73	5.3	270	9
02/09/24 22:40	0	6	7	0	11.0	74	4.5	276	11
02/09/24 22:45	0	6	6	0	10.8	75	4.6	278	9
02/09/24 22:50	0	5	6	0	10.8	75	3.7	281	12
02/09/24 22:55	0	6	6	0	10.7	76	3.7	284	13
02/09/24 23:00	0	7	7	1	10.6	76	3.6	291	12
02/09/24 23:05	0	12	13	1	10.5	76	3.4	293	12
02/09/24 23:10	0	15	16	1	10.5	76	3.8	292	12
02/09/24 23:15	0	13	14	1	10.5	77	3.3	284	15
02/09/24 23:20	0	12	12	1	10.5	78	2.7	284	16
02/09/24 23:25	0	10	10	1	10.4	78	3.5	277	12
02/09/24 23:30	0	8	8	1	10.5	78	2.8	282	12
02/09/24 23:35	0	7	7	1	10.4	78	3.6	280	11
02/09/24 23:40	0	7	7	1	10.4	78	2.9	283	13
02/09/24 23:45	0	8	8	0	10.4	78	2.9	281	16
02/09/24 23:50	0	8	8		10.4	77	3.3	280	12
02/09/24 23:55	0	8	8		10.4	77	2.9	286	15
03/09/24 00:00	0	8	8	0	10.3	78	2.8	286	12
03/09/24 00:05	0	9	9	1	10.1	78	3.1	288	14
03/09/24 00:10	0	9	9	1	10.1	78	2.9	282	15
03/09/24 00:15	0	8	8	1	10.0	78	2.8	282	13
03/09/24 00:20	0	8	8	1	10.1	78	3.3	278	13
03/09/24 00:25	0	8	8	1	10.2	77	3.1	285	13
03/09/24 00:30	0	8	8	1	10.1	77	3.0	290	12
03/09/24 00:35	0	8	8	1	10.1	78	3.1	292	13
03/09/24 00:40	0	9	9	1	10.1	77	3.8	289	12
03/09/24 00:45	0	10	10	1	10.0	76	3.3	289	13
03/09/24 00:50	0	13	14	1	10.0	75	3.8	289	13
03/09/24 00:55	1	16	16	2	10.1	75	3.6	293	10
03/09/24 01:00	1	16	17	2	10.2	75	3.0	293	11
03/09/24 01:05					9.9	75	3.1	298	11
03/09/24 01:10					9.9	75	3.3	300	11
03/09/24 01:15					9.9	75	3.1	300	10
03/09/24 01:20					9.9	75	3.3	297	12
03/09/24 01:25					9.8	75	3.3	297	14
03/09/24 01:30					9.9	75	3.5	299	10
03/09/24 01:35					9.9	75	3.3	298	11
03/09/24 01:40					9.8	76	3.3	299	13
03/09/24 01:45					9.9	76	3.3	297	10
03/09/24 01:50					9.9	76	3.7	297	8
03/09/24 01:55					9.9	77	3.1	294	14
03/09/24 02:00					9.9	77	3.2	299	12
03/09/24 02:05	1	16	16	1	9.8	77	3.1	305	11
03/09/24 02:10	1	15	15	1	9.7	78	2.9	309	12

Station Pier Ambient Air Quality Monitoring
September 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 (°)
03/09/24 02:15	1	14	15	1	9.6	78	3.0	309	8
03/09/24 02:20	0	14	14	1	9.5	78	2.8	307	12
03/09/24 02:25	0	13	14	1	9.5	79	2.8	304	14
03/09/24 02:30	0	13	13	1	9.6	79	3.1	306	8
03/09/24 02:35	0	13	13	1	9.6	78	2.8	305	10
03/09/24 02:40	0	13	13	1	9.6	78	3.4	305	9
03/09/24 02:45	0	13	13	1	9.6	79	3.0	297	10
03/09/24 02:50	0	13	13	1	9.7	80	3.1	292	11
03/09/24 02:55	0	13	14	1	9.7	81	2.4	285	15
03/09/24 03:00	0	14	14	1	9.7	81	2.6	284	14
03/09/24 03:05	1	14	15	1	9.7	81	2.5	284	12
03/09/24 03:10	1	14	15	1	9.7	81	2.4	285	12
03/09/24 03:15	0	14	14	1	9.7	81	2.8	287	14
03/09/24 03:20	0	14	14	1	9.7	80	3.4	291	13
03/09/24 03:25	1	14	15	1	9.7	79	3.5	294	11
03/09/24 03:30	1	15	16	1	9.7	79	3.2	297	10
03/09/24 03:35	1	16	17	1	9.6	79	3.3	295	11
03/09/24 03:40	1	17	18	1	9.5	79	3.1	300	14
03/09/24 03:45	1	17	18	0	9.3	80	3.3	294	11
03/09/24 03:50	1	18	19	1	9.3	80	3.0	295	12
03/09/24 03:55	1	17	19	0	9.3	80	3.3	301	12
03/09/24 04:00	1	17	18	0	9.2	80	3.5	300	10
03/09/24 04:05	1	17	18	1	9.2	80	3.7	301	11
03/09/24 04:10	1	17	19	1	9.3	80	3.4	294	13
03/09/24 04:15	1	18	19	1	9.5	80	3.0	289	14
03/09/24 04:20	1	18	19	1	9.5	80	3.2	291	12
03/09/24 04:25	1	18	20	1	9.5	79	3.3	291	14
03/09/24 04:30	1	19	20	1	9.5	80	3.3	294	10
03/09/24 04:35	2	19	21	1	9.4	80	3.3	296	15
03/09/24 04:40	1	19	20	1	9.3	80	3.0	297	12
03/09/24 04:45	1	19	20	1	9.2	80	2.9	304	9
03/09/24 04:50	1	18	20	1	9.1	80	2.9	311	11
03/09/24 04:55	1	18	19	1	8.9	81	2.6	308	13
03/09/24 05:00	1	17	18	1	8.9	82	2.5	308	12
03/09/24 05:05	1	16	17	1	8.9	82	2.9	310	11
03/09/24 05:10	1	16	17	1	8.9	82	2.7	303	14
03/09/24 05:15	1	17	18	1	8.9	82	2.8	305	12
03/09/24 05:20	1	18	19	1	9.0	82	2.9	303	11
03/09/24 05:25	2	19	21	1	9.1	82	3.1	305	12
03/09/24 05:30	2	20	22	1	9.1	81	2.9	308	12
03/09/24 05:35	2	21	23	1	9.1	82	3.2	308	10
03/09/24 05:40	2	22	24	1	9.1	82	3.2	306	9
03/09/24 05:45	3	22	25	1	9.1	81	3.1	299	12
03/09/24 05:50	3	22	25	1	9.3	82	3.1	299	13
03/09/24 05:55	3	23	25	1	9.4	81	3.2	293	11
03/09/24 06:00	3	23	27	1	9.4	81	3.8	292	10
03/09/24 06:05	5	25	30	1	9.6	80	3.6	292	11
03/09/24 06:10	8	30	38	1	9.6	80	3.0	293	12
03/09/24 06:15	10	28	38	1	9.7	80	2.8	295	11
03/09/24 06:20	11	28	38	1	9.8	80	3.0	292	11
03/09/24 06:25	12	28	40	1	9.8	81	2.5	286	14
03/09/24 06:30	16	27	43	1	9.9	81	2.9	287	13
03/09/24 06:35	20	27	47	1	10.0	81	2.7	285	14
03/09/24 06:40	17	28	45	1	10.0	80	2.9	282	12
03/09/24 06:45	12	29	40	1	10.1	80	2.4	283	15
03/09/24 06:50	12	28	40	1	10.1	79	2.6	283	15
03/09/24 06:55	13	29	41	1	10.1	79	2.7	284	12
03/09/24 07:00	15	29	44	1	10.2	80	2.3	286	14
03/09/24 07:05	25	26	51	1	10.2	80	2.2	287	16
03/09/24 07:10	34	29	63	1	10.3	80	2.4	284	13
03/09/24 07:15	32	29	61	1	10.3	79	2.5	287	17
03/09/24 07:20	27	28	56	1	10.4	79	2.6	285	14
03/09/24 07:25	24	28	51	1	10.5	78	2.9	287	16
03/09/24 07:30	26	27	52	1	10.5	78	2.9	288	12
03/09/24 07:35	26	27	53	1	10.6	78	2.7	289	12
03/09/24 07:40	27	28	55	2	10.6	77	3.0	290	13
03/09/24 07:45	29	28	56	2	10.8	76	3.1	291	12
03/09/24 07:50	33	32	64	2	10.9	76	2.9	292	13
03/09/24 07:55	32	29	61	2	11.0	75	3.4	293	12
03/09/24 08:00	33	29	62	2	11.2	75	3.0	297	14
03/09/24 08:05	35	30	65	2	11.4	75	2.7	289	15
03/09/24 08:10	39	30	69	1	11.4	74	2.7	306	14
03/09/24 08:15	30	29	59	2	11.4	74	2.7	297	16
03/09/24 08:20	19	27	46	1	11.4	74	2.7	289	14
03/09/24 08:25	18	27	45	1	11.5	74	3.5	284	15
03/09/24 08:30	19	27	47	1	11.6	75	3.3	282	13
03/09/24 08:35	22	26	48	1	11.6	74	2.4	288	20
03/09/24 08:40	23	27	50	1	11.7	75	3.3	277	14
03/09/24 08:45	20	27	48	1	11.8	75	2.6	284	21
03/09/24 08:50	22	27	48	1	11.8	73	2.0	292	15
03/09/24 08:55	22	27	49	1	11.9	74	2.0	300	15
03/09/24 09:00	22	27	49	2	11.9	74	1.9	292	14
03/09/24 09:05	22	27	48	2	12.0	73	2.0	295	14
03/09/24 09:10	21	27	48	2	12.1	74	2.6	278	14
03/09/24 09:15	21	23	44	2	12.2	74	4.0	270	9
03/09/24 09:20	18	17	35	1	12.3	74	2.8	282	14

Station Pier Ambient Air Quality Monitoring
September 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 (°)
03/09/24 09:25	17	23	40	1	12.3	73	2.1	285	16
03/09/24 09:30	14	18	31	1	12.3	73	2.7	276	13
03/09/24 09:35	12	21	33	1	12.4	72	2.3	277	13
03/09/24 09:40	11	20	31	1	12.4	71	2.1	297	17
03/09/24 09:45	13	21	33	2	12.5	71	2.6	283	14
03/09/24 09:50	15	24	39	2	12.7	71	1.9	287	16
03/09/24 09:55	16	27	43	1	12.7	70	2.3	287	17
03/09/24 10:00	15	22	37	1	12.8	70	2.1	279	14
03/09/24 10:05	13	20	32	1	12.9	70	2.4	287	18
03/09/24 10:10	8	17	26	1	13.1	69	3.2	284	15
03/09/24 10:15	5	14	19	2	13.1	69	3.5	279	17
03/09/24 10:20	5	13	18	2	13.3	69	4.2	268	12
03/09/24 10:25	4	11	15	1	13.3	69	2.9	277	12
03/09/24 10:30	4	11	15	1	13.4	69	3.3	272	12
03/09/24 10:35	4	10	13	1	13.4	69	3.7	270	10
03/09/24 10:40	3	8	11	1	13.5	68	3.1	288	14
03/09/24 10:45	3	8	11	1	13.5	67	3.6	281	12
03/09/24 10:50	3	7	10	1	13.7	67	3.0	280	13
03/09/24 10:55	3	7	10	1	13.7	66	3.1	278	14
03/09/24 11:00	3	7	10	1	13.9	65	2.9	268	15
03/09/24 11:05	2	7	9	1	13.9	66	4.0	259	11
03/09/24 11:10	2	6	8	1	14.0	65	3.0	268	12
03/09/24 11:15	2	6	8	2	14.1	66	2.4	249	16
03/09/24 11:20	2	7	9	1	14.2	65	2.6	245	7
03/09/24 11:25	3	7	10	1	14.2	64	3.6	252	8
03/09/24 11:30	2	7	9	1	14.2	63	3.6	241	7
03/09/24 11:35	2	6	8	1	14.2	67	4.4	235	7
03/09/24 11:40	2	5	7	1	14.2	64	3.7	239	8
03/09/24 11:45	2	4	6	2	14.2	64	2.8	233	11
03/09/24 11:50	2	4	5	2	14.4	63	2.7	213	6
03/09/24 11:55	1	3	5	2	14.4	63	2.7	211	7
03/09/24 12:00	2	4	6	2	14.3	65	2.2	202	12
03/09/24 12:05	2	6	8	1	14.4	68	1.6	192	17
03/09/24 12:10	2	6	8	1	14.6	69	1.6	177	18
03/09/24 12:15	2	5	7	1	14.8	68	1.6	169	21
03/09/24 12:20	1	4	5	1	14.7	70	1.3	163	25
03/09/24 12:25	1	4	5	1	14.6	70	1.2	171	28
03/09/24 12:30	1	4	5	1	14.8	70	1.0	157	29
03/09/24 12:35	1	3	4	1	14.8	69	1.6	144	17
03/09/24 12:40	1	3	4	1	14.7	69	0.9	157	30
03/09/24 12:45	1	3	4	1	14.7	70	1.4	144	20
03/09/24 12:50	1	3	4	1	14.7	69	1.5	142	15
03/09/24 12:55	1	3	4	1	14.7	69	0.9	162	26
03/09/24 13:00	1	4	5	1	14.8	66	1.0	146	27
03/09/24 13:05	1	4	5	1	15.2	66	1.0	137	19
03/09/24 13:10	1	3	4	1	15.5	63	1.5	138	13
03/09/24 13:15	1	3	4	1	15.4	65	1.2	138	20
03/09/24 13:20	1	3	4	2	15.3	64	1.3	146	23
03/09/24 13:25	1	3	4	1	15.5	61	2.0	138	11
03/09/24 13:30	1	4	5	1	15.4	62	1.7	140	19
03/09/24 13:35	1	4	6	1	15.0	63	1.6	131	13
03/09/24 13:40	1	4	6	1	15.0	64	1.4	130	19
03/09/24 13:45	2	5	6	1	15.2	63	1.6	129	19
03/09/24 13:50	2	5	7	1	15.8	63	1.2	132	20
03/09/24 13:55	2	5	7	1	16.3	61	1.1	127	24
03/09/24 14:00	2	5	7	1	16.5	60	1.1	128	26
03/09/24 14:05	2	6	8	1	16.5	59	1.8	132	15
03/09/24 14:10	3	6	8	1	16.2	61	1.7	130	15
03/09/24 14:15	2	5	8	1	16.2	62	1.3	126	21
03/09/24 14:20	2	5	8	1	16.2	62	1.4	127	18
03/09/24 14:25	2	5	8	1	15.9	62	2.0	133	11
03/09/24 14:30	2	6	8	1	15.7	63	1.6	148	25
03/09/24 14:35	2	5	8	1	16.1	64	0.9	185	38
03/09/24 14:40	2	6	8	1	16.6	62	0.7	161	40
03/09/24 14:45	2	6	9	1	16.7	61	1.4	163	24
03/09/24 14:50	3	7	9	1	16.7	61	2.0	166	18
03/09/24 14:55	2	6	9	1	16.4	61	1.7	177	20
03/09/24 15:00	2	6	8	1	16.5	60	2.1	169	19
03/09/24 15:05	2	5	7	1	16.3	61	1.9	161	18
03/09/24 15:10	2	4	6	1	16.3	61	1.6	164	23
03/09/24 15:15	1	3	5	1	16.4	59	1.2	154	30
03/09/24 15:20	1	3	4	1	16.4	60	1.1	174	33
03/09/24 15:25	1	3	4	1	16.5	61	1.8	167	21
03/09/24 15:30	1	3	4	1	16.3	60	1.0	163	37
03/09/24 15:35	1	3	3	1	16.6	59	0.9	173	35
03/09/24 15:40	1	3	3	1	16.7	59	1.8	164	21
03/09/24 15:45	1	3	3	1	16.4	59	1.6	164	22
03/09/24 15:50	1	2	3	1	16.5	60	1.3	162	26
03/09/24 15:55	1	2	3	1	16.5	61	1.3	162	25
03/09/24 16:00	1	3	4	1	16.5	61	1.7	179	20
03/09/24 16:05	1	3	4	1	16.3	58	2.1	169	19
03/09/24 16:10	1	3	4	1	16.0	61	1.5	179	21
03/09/24 16:15	1	3	4	1	16.1	61	1.8	175	21
03/09/24 16:20	1	3	4	1	15.7	63	1.4	160	25
03/09/24 16:25	1	3	4	1	15.6	64	0.5	203	54
03/09/24 16:30	1	3	3	1	15.4	65	1.1	178	30

Station Pier Ambient Air Quality Monitoring
September 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 (°)
03/09/24 16:35	0	3	3	1	15.2	66	1.8	182	13
03/09/24 16:40	1	3	4	1	15.2	65	1.4	185	23
03/09/24 16:45	1	4	4	1	15.1	66	1.8	170	23
03/09/24 16:50	1	3	4	1	15.0	67	0.9	160	35
03/09/24 16:55	0	3	3	1	15.1	68	1.2	174	25
03/09/24 17:00	1	3	3	1	15.2	67	1.6	181	19
03/09/24 17:05	0	2	3	1	15.3	66	1.4	181	18
03/09/24 17:10	0	2	2	1	15.3	66	1.3	169	24
03/09/24 17:15	0	2	2	1	15.3	67	0.6	158	43
03/09/24 17:20	0	2	2	1	15.1	69	1.0	138	21
03/09/24 17:25	0	2	2	1	14.9	71	0.8	122	19
03/09/24 17:30	0	1	2	1	14.8	73	0.5	124	26
03/09/24 17:35	0	1	2	1	14.7	74	0.5	125	26
03/09/24 17:40	0	1	1	1	14.6	75	0.7	108	10
03/09/24 17:45	0	1	1	1	14.3	76	0.8	102	9
03/09/24 17:50	0	1	2	1	14.1	75	1.1	109	8
03/09/24 17:55	0	2	2	1	13.9	75	0.9	123	16
03/09/24 18:00	0	3	3	1	13.8	75	0.9	137	18
03/09/24 18:05	0	4	4	1	13.7	77	0.7	106	12
03/09/24 18:10	0	4	4	1	13.6	77	1.1	94	6
03/09/24 18:15	0	3	4	1	13.5	76	1.0	107	9
03/09/24 18:20	0	4	4	1	13.4	77	0.7	107	10
03/09/24 18:25	0	4	4	1	13.3	76	0.8	107	7
03/09/24 18:30	0	4	4	1	13.3	76	0.5	112	13
03/09/24 18:35	0	4	4	1	13.2	74	0.6	102	9
03/09/24 18:40	0	4	4	1	13.1	72	0.7	104	8
03/09/24 18:45	0	4	4	1	13.2	70	0.6	89	14
03/09/24 18:50	0	5	5	1	13.1	67	0.7	78	12
03/09/24 18:55	0	8	8	1	13.2	66	0.2	129	57
03/09/24 19:00	0	14	14	1	13.2	66	0.3	135	44
03/09/24 19:05	0	17	17	1	13.2	66	0.5	83	7
03/09/24 19:10	1	25	26	1	13.1	67	1.1	69	9
03/09/24 19:15	1	28	29	1	13.1	67	0.9	65	9
03/09/24 19:20	2	30	32	1	13.1	67	0.9	68	8
03/09/24 19:25	2	27	29	1	13.2	66	0.9	72	12
03/09/24 19:30	4	31	35	1	13.1	67	0.8	64	10
03/09/24 19:35	12	34	45	1	13.0	67	0.8	67	12
03/09/24 19:40	10	32	42	1	12.9	68	0.7	93	13
03/09/24 19:45	3	30	33	1	12.8	67	0.4	92	9
03/09/24 19:50	2	29	31	1	12.8	67	0.5	93	9
03/09/24 19:55	3	30	33	1	12.8	67	1.0	82	6
03/09/24 20:00	3	25	28	1	12.8	67	1.2	77	8
03/09/24 20:05	1	22	23	2	12.9	66	1.2	78	8
03/09/24 20:10	1	22	23	1	13.1	64	1.4	82	6
03/09/24 20:15	1	22	23	1	13.3	64	0.8	78	10
03/09/24 20:20	1	23	24	1	13.2	64	0.4	84	13
03/09/24 20:25	1	24	25	1	13.0	65	0.2	85	48
03/09/24 20:30	1	25	26	1	13.0	72	0.2	307	54
03/09/24 20:35	2	28	30	1	12.7	71	0.2	97	33
03/09/24 20:40	4	30	34	1	12.5	71	0.7	14	34
03/09/24 20:45	7	34	41	1	12.6	69	1.2	344	12
03/09/24 20:50	12	36	48	1	13.1	65	0.9	316	12
03/09/24 20:55	17	38	54	1	13.4	64	1.4	310	7
03/09/24 21:00	63	36	99	1	13.6	64	1.6	310	13
03/09/24 21:05	70	40	110	1	13.5	65	1.3	324	28
03/09/24 21:10	62	37	98	2	13.2	67	1.1	342	23
03/09/24 21:15	66	38	104	2	12.9	68	1.4	353	17
03/09/24 21:20	78	37	115	2	12.6	70	1.6	12	10
03/09/24 21:25	82	38	119	2	12.3	71	2.1	8	9
03/09/24 21:30	86	38	123	2	12.3	72	1.7	357	19
03/09/24 21:35	87	38	126	2	12.2	72	1.5	355	23
03/09/24 21:40	75	45	120	2	12.1	72	1.6	360	21
03/09/24 21:45	59	35	94	2	12.1	73	1.9	2	16
03/09/24 21:50	49	35	84	2	12.1	73	1.3	346	35
03/09/24 21:55	49	36	85	1	12.1	73	1.6	353	20
03/09/24 22:00	49	35	84	2	12.2	73	1.4	7	25
03/09/24 22:05	47	34	81	2	12.2	73	1.1	11	28
03/09/24 22:10	29	32	61	2	12.0	73	1.8	8	22
03/09/24 22:15	14	28	42	2	12.2	72	1.5	9	22
03/09/24 22:20	11	27	38	2	12.2	72	1.3	8	25
03/09/24 22:25	8	27	36	2	12.2	72	1.4	16	20
03/09/24 22:30	6	24	29	2	12.2	71	1.7	9	27
03/09/24 22:35	3	21	24	1	12.4	70	1.6	5	23
03/09/24 22:40	2	21	23	1	12.5	69	0.9	347	43
03/09/24 22:45	2	22	24	1	12.6	69	1.2	355	26
03/09/24 22:50	2	23	25	1	12.5	69	1.3	6	26
03/09/24 22:55	2	22	25	1	12.4	70	1.4	12	32
03/09/24 23:00	2	21	23	1	12.4	69	2.4	30	13
03/09/24 23:05	1	19	21	1	12.5	69	2.8	19	19
03/09/24 23:10	1	17	18	1	12.5	69	2.1	12	22
03/09/24 23:15	1	16	17	1	12.3	69	1.9	20	20
03/09/24 23:20	1	16	17	1	12.3	70	1.6	16	22
03/09/24 23:25	1	16	17	2	12.2	70	1.8	16	22
03/09/24 23:30	1	16	17	2	12.1	70	1.5	14	25
03/09/24 23:35	1	16	16	2	12.1	71	2.0	20	22
03/09/24 23:40	1	16	16	1	12.0	71	2.3	16	17

Station Pier Ambient Air Quality Monitoring

September 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 (°)
03/09/24 23:45	0	15	16	1	12.1	71	2.0	19	22
03/09/24 23:50	0	14	15		12.0	70	2.5	10	17
03/09/24 23:55	0	14	14		12.2	70	2.8	10	21
04/09/24 00:00	1	13	13	1	12.4	69	3.1	19	19
04/09/24 00:05	0	12	12	1	12.6	68	2.5	8	19
04/09/24 00:10	0	11	11	1	12.6	68	3.3	8	24
04/09/24 00:15	0	10	10	1	12.7	67	2.7	2	29
04/09/24 00:20	0	9	9	1	12.6	67	3.0	4	21
04/09/24 00:25	0	9	9	1	12.7	68	1.8	353	39
04/09/24 00:30	0	8	8	1	12.5	68	2.0	6	23
04/09/24 00:35	0	8	8	1	12.5	68	2.7	8	20
04/09/24 00:40	0	8	8	1	12.5	68	2.4	11	20
04/09/24 00:45	0	7	8	1	12.3	69	2.4	12	24
04/09/24 00:50	0	7	7	1	12.3	69	3.0	360	21
04/09/24 00:55	0	7	7	1	12.4	69	2.7	2	21
04/09/24 01:00	0	7	7	1	12.2	69	2.9	3	20
04/09/24 01:05					12.2	69	2.7	3	22
04/09/24 01:10					12.2	70	2.1	1	28
04/09/24 01:15					12.2	69	2.7	5	28
04/09/24 01:20					12.3	68	2.7	2	22
04/09/24 01:25					12.3	69	2.5	0	29
04/09/24 01:30					12.1	69	2.5	7	19
04/09/24 01:35					12.1	69	2.6	11	22
04/09/24 01:40					12.2	69	2.5	10	24
04/09/24 01:45					12.2	69	2.5	12	25
04/09/24 01:50					12.3	68	3.0	12	21
04/09/24 01:55					12.3	68	3.0	9	29
04/09/24 02:00					12.3	68	2.7	22	18
04/09/24 02:05	0	6	6	1	12.3	68	4.0	20	17
04/09/24 02:10	0	6	6	1	12.2	68	2.6	18	22
04/09/24 02:15	0	6	6	1	12.1	69	2.5	12	20
04/09/24 02:20	0	6	6	1	12.1	69	2.3	23	24
04/09/24 02:25	0	6	6	1	12.0	70	1.9	25	21
04/09/24 02:30	0	6	6	1	12.0	70	3.4	12	21
04/09/24 02:35	0	5	6	1	12.0	69	3.9	14	18
04/09/24 02:40	0	5	6	1	12.2	69	3.3	17	20
04/09/24 02:45	0	6	6	1	12.1	69	3.7	13	16
04/09/24 02:50	0	5	6	1	12.2	69	3.1	13	19
04/09/24 02:55	0	6	6	1	12.2	69	3.1	18	21
04/09/24 03:00	0	6	6	1	12.1	69	2.7	23	21
04/09/24 03:05	0	6	6	1	12.1	69	3.8	17	20
04/09/24 03:10	0	5	6	1	11.9	69	3.3	18	25
04/09/24 03:15	0	5	5	1	12.0	69	4.4	20	24
04/09/24 03:20	0	5	5	1	12.0	69	4.0	15	22
04/09/24 03:25	0	5	5	1	11.9	69	4.0	13	20
04/09/24 03:30	0	5	5	1	11.9	69	3.7	12	29
04/09/24 03:35	0	5	5	1	11.8	69	3.5	5	23
04/09/24 03:40	0	5	5	1	12.0	69	4.3	6	23
04/09/24 03:45	0	4	5	0	12.0	68	3.5	11	22
04/09/24 03:50	0	4	4	1	11.9	69	3.6	14	19
04/09/24 03:55	0	4	4	0	11.8	69	3.0	5	25
04/09/24 04:00	0	4	4	1	11.7	69	3.0	5	23
04/09/24 04:05	0	4	4	1	11.7	69	3.7	17	19
04/09/24 04:10	0	4	5	1	11.7	69	3.4	18	20
04/09/24 04:15	0	4	5	1	11.7	70	3.7	16	20
04/09/24 04:20	0	5	5	1	11.5	70	2.9	8	26
04/09/24 04:25	0	4	5	1	11.6	70	3.8	14	21
04/09/24 04:30	0	4	5	1	11.8	69	4.4	12	16
04/09/24 04:35	0	4	4	1	11.9	69	3.3	13	25
04/09/24 04:40	0	4	4	1	11.9	69	3.4	10	28
04/09/24 04:45	0	4	4	0	12.0	69	3.1	10	22
04/09/24 04:50	0	4	4	1	11.9	69	3.0	358	22
04/09/24 04:55	0	5	5	1	11.8	70	2.6	6	24
04/09/24 05:00	0	5	5	1	11.6	70	2.6	1	20
04/09/24 05:05	0	5	5	1	11.6	70	1.8	347	31
04/09/24 05:10	0	5	5	0	11.6	71	2.1	355	28
04/09/24 05:15	0	6	6	0	11.6	71	2.4	1	24
04/09/24 05:20	0	7	7	0	11.6	71	1.8	340	30
04/09/24 05:25	0	12	12	0	11.5	71	1.7	325	30
04/09/24 05:30	0	17	17	0	11.4	71	1.8	327	36
04/09/24 05:35	1	18	19	0	11.5	71	2.1	323	27
04/09/24 05:40	1	19	19	1	11.5	72	1.6	331	31
04/09/24 05:45	1	19	20	1	11.4	72	1.7	331	41
04/09/24 05:50	1	18	19	1	11.5	70	2.2	349	34
04/09/24 05:55	1	18	19	1	11.6	70	3.7	1	25
04/09/24 06:00	1	17	18	1	11.6	70	3.5	4	24
04/09/24 06:05	1	16	17	1	11.6	70	3.1	14	27
04/09/24 06:10	1	15	17	1	11.6	70	3.2	7	20
04/09/24 06:15	1	14	15	1	11.6	70	2.3	6	27
04/09/24 06:20	1	13	14	1	11.6	70	2.3	348	28
04/09/24 06:25	1	13	14	1	11.6	70	1.8	333	29
04/09/24 06:30	1	14	15	1	11.6	70	2.4	339	34
04/09/24 06:35	1	15	16	1	11.5	70	2.5	350	32
04/09/24 06:40	1	15	16	1	11.7	70	2.0	349	35
04/09/24 06:45	1	15	16	1	11.7	70	2.6	355	32
04/09/24 06:50	1	15	16	1	11.7	69	3.4	9	15

Station Pier Ambient Air Quality Monitoring

September 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 (°)
04/09/24 06:55	1	15	17	1	11.7	70	3.2	1	28
04/09/24 07:00	1	15	16	1	11.7	69	3.5	2	22
04/09/24 07:05	1	14	16	0	11.8	69	4.1	1	26
04/09/24 07:10	1	14	15	0	11.9	68	3.6	1	22
04/09/24 07:15	1	13	15	0	11.9	68	3.9	8	22
04/09/24 07:20	2	13	15	0	12.0	67	4.1	6	18
04/09/24 07:25	2	13	14	0	12.1	67	4.8	2	23
04/09/24 07:30	2	12	14	0	12.1	66	4.0	358	28
04/09/24 07:35	2	13	15	1	12.2	66	3.6	7	25
04/09/24 07:40	3	13	15	1	12.3	66	4.5	0	24
04/09/24 07:45	3	13	16	1	12.3	66	3.8	356	25
04/09/24 07:50	3	12	16	1	12.4	65	4.8	0	21
04/09/24 07:55	3	12	15	1	12.4	65	4.4	355	30
04/09/24 08:00	3	11	15	1	12.4	65	4.3	355	26
04/09/24 08:05	3	11	14	1	12.5	64	4.5	358	27
04/09/24 08:10	3	10	14	1	12.6	64	3.8	0	23
04/09/24 08:15	3	10	13	1	12.9	63	4.7	8	19
04/09/24 08:20	3	10	13	1	13.1	63	4.5	10	17
04/09/24 08:25	3	9	12	1	13.1	62	5.3	1	27
04/09/24 08:30	3	8	11	1	13.2	61	5.2	4	23
04/09/24 08:35	3	7	10	1	13.3	61	4.7	359	30
04/09/24 08:40	3	7	10	1	13.5	60	5.4	6	20
04/09/24 08:45	3	7	10	1	13.6	59	4.2	7	25
04/09/24 08:50	3	7	10	1	13.7	59	4.8	5	23
04/09/24 08:55	3	7	10	1	13.9	58	4.9	3	19
04/09/24 09:00	3	7	11	1	14.0	58	3.9	356	24
04/09/24 09:05	4	8	12	1	14.3	57	3.9	5	30
04/09/24 09:10	4	8	13	1	14.4	56	4.4	6	21
04/09/24 09:15	4	9	13	1	14.4	56	4.0	5	22
04/09/24 09:20	4	9	13	1	14.5	56	4.2	9	25
04/09/24 09:25	4	9	13	1	14.7	55	3.8	5	29
04/09/24 09:30	4	9	13	1	14.7	55	4.6	7	25
04/09/24 09:35	4	9	14	1	14.6	56	2.7	358	42
04/09/24 09:40	5	10	14	1	14.6	55	5.3	357	30
04/09/24 09:45	5	9	14	1	14.6	55	4.1	347	30
04/09/24 09:50	5	9	14	1	14.9	55	3.3	357	29
04/09/24 09:55	4	9	13	1	15.1	54	4.2	353	35
04/09/24 10:00	4	9	13	1	15.1	54	4.6	355	30
04/09/24 10:05	4	9	13	1	15.5	53	4.6	1	29
04/09/24 10:10	5	9	13	1	15.5	53	6.0	358	26
04/09/24 10:15	4	8	13	1	15.5	52	4.7	4	30
04/09/24 10:20	4	8	12	1	15.7	52	5.0	349	34
04/09/24 10:25	4	8	12	1	15.6	52	4.7	354	28
04/09/24 10:30	4	8	12	1	15.8	52	3.6	352	33
04/09/24 10:35	4	8	12	1	15.9	51	5.3	359	30
04/09/24 10:40	4	8	11	1	15.9	51	5.5	9	20
04/09/24 10:45	3	7	10	1	15.9	51	5.2	4	23
04/09/24 10:50	3	7	10	1	16.1	50	6.3	9	21
04/09/24 10:55	3	6	9	1	16.2	50	5.9	11	27
04/09/24 11:00	3	6	9	1	16.4	50	3.9	344	33
04/09/24 11:05	3	6	9	1	16.4	49	4.3	0	31
04/09/24 11:10	3	6	9	1	16.2	49	6.3	9	25
04/09/24 11:15	2	6	8	1	16.1	50	5.2	10	22
04/09/24 11:20	2	6	8	1	16.3	49	5.2	4	22
04/09/24 11:25	2	6	8	1	16.5	49	4.5	359	29
04/09/24 11:30	2	6	8	1	16.7	48	3.6	340	34
04/09/24 11:35	2	5	8	1	16.9	47	3.9	337	27
04/09/24 11:40	2	5	8	1	17.1	46	5.3	346	28
04/09/24 11:45	2	5	7	1	16.9	47	3.9	3	32
04/09/24 11:50	2	5	7	1	16.8	48	5.0	359	38
04/09/24 11:55	2	5	7	1	17.0	48	4.8	7	26
04/09/24 12:00	2	5	7	0	17.1	48	4.4	359	29
04/09/24 12:05	2	5	8	0	17.3	47	7.9	7	16
04/09/24 12:10	2	5	7	0	17.1	48	6.6	16	20
04/09/24 12:15	2	5	7	1	17.2	48	5.9	4	26
04/09/24 12:20	2	5	7	1	17.4	48	5.5	12	23
04/09/24 12:25	2	5	7	1	17.1	49	5.4	3	27
04/09/24 12:30	2	5	7	1	17.0	49	4.5	354	31
04/09/24 12:35	2	5	7	1	17.3	48	4.0	359	31
04/09/24 12:40	2	5	7	1	17.4	48	4.5	16	24
04/09/24 12:45	2	5	7	1	17.5	48	3.3	15	27
04/09/24 12:50	2	5	7	1	17.6	48	3.8	18	23
04/09/24 12:55	2	6	8	1	17.9	48	3.7	360	32
04/09/24 13:00	2	6	8	1	17.8	48	5.3	8	23
04/09/24 13:05	2	6	8	1	17.6	48	4.6	9	23
04/09/24 13:10	2	5	8	1	18.1	48	5.2	360	23
04/09/24 13:15	3	6	8	1	18.1	47	6.1	1	18
04/09/24 13:20	3	6	8	1	18.0	47	4.3	18	24
04/09/24 13:25	2	6	8	1	17.8	48	4.6	17	21
04/09/24 13:30	2	6	8	1	17.7	48	4.4	13	19
04/09/24 13:35	2	6	8	1	17.6	48	4.5	18	24
04/09/24 13:40	2	6	8	1	17.8	49	3.6	359	26
04/09/24 13:45	2	6	8	1	18.0	48	4.8	5	24
04/09/24 13:50	2	6	8	1	18.7	47	3.8	18	23
04/09/24 13:55	2	6	8	1	18.8	46	4.6	5	25
04/09/24 14:00	2	6	8	1	18.8	45	3.8	8	25

Station Pier Ambient Air Quality Monitoring

September 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 (°)
04/09/24 14:05	3	6	9	1	19.0	45	4.9	24	21
04/09/24 14:10	2	6	9	1	19.1	44	3.0	353	36
04/09/24 14:15	2	6	9	1	19.0	44	2.8	1	29
04/09/24 14:20	2	7	9	1	18.8	45	4.0	19	23
04/09/24 14:25	3	7	10	1	18.9	45	3.2	15	22
04/09/24 14:30	3	7	10	1	19.0	45	3.6	14	27
04/09/24 14:35	3	7	10	1	18.8	45	4.4	8	22
04/09/24 14:40	2	7	9	1	18.6	46	4.5	20	20
04/09/24 14:45	2	7	9	1	18.5	46	4.9	13	21
04/09/24 14:50	2	7	9	1	18.4	47	3.2	8	29
04/09/24 14:55	3	8	11	1	18.5	47	3.3	17	23
04/09/24 15:00	3	8	11	1	18.7	46	3.4	6	32
04/09/24 15:05	3	8	11	1	18.6	46	4.4	20	24
04/09/24 15:10	3	7	10	1	18.9	45	5.1	11	21
04/09/24 15:15	3	7	9	1	19.0	45	4.3	6	22
04/09/24 15:20	3	6	9	1	19.2	45	4.4	1	27
04/09/24 15:25	2	6	9	1	19.1	45	4.1	358	23
04/09/24 15:30	2	7	9	1	18.8	46	3.8	9	26
04/09/24 15:35	2	7	9	1	18.7	46	4.3	11	19
04/09/24 15:40	2	8	10	1	18.6	47	3.5	9	22
04/09/24 15:45	2	8	10	1	18.5	48	4.1	14	30
04/09/24 15:50	2	8	10	1	18.4	48	4.1	8	27
04/09/24 15:55	2	8	10	1	18.5	47	3.9	13	18
04/09/24 16:00	2	8	10	1	18.6	47	4.7	9	25
04/09/24 16:05	2	8	10	1	18.5	47	5.8	11	17
04/09/24 16:10	2	8	10	1	18.5	48	4.2	13	24
04/09/24 16:15	2	8	10	1	18.2	49	3.8	13	26
04/09/24 16:20	2	8	10	1	18.1	49	3.7	23	20
04/09/24 16:25	2	8	10	1	18.1	49	4.2	15	23
04/09/24 16:30	2	8	9	1	17.9	50	4.5	21	23
04/09/24 16:35	1	8	9	1	17.8	50	4.0	11	18
04/09/24 16:40	1	8	9	1	17.8	50	4.3	5	26
04/09/24 16:45	1	8	9	1	17.8	50	4.4	7	20
04/09/24 16:50	1	8	9	1	17.8	50	4.9	14	22
04/09/24 16:55	1	8	9	1	17.8	51	3.6	18	24
04/09/24 17:00	1	8	9	1	17.8	51	4.9	18	23
04/09/24 17:05	1	8	9	1	17.8	51	4.3	25	19
04/09/24 17:10	1	8	9	1	17.8	51	4.7	22	15
04/09/24 17:15	1	8	9	1	17.8	51	3.4	20	23
04/09/24 17:20	1	8	9	1	17.7	51	3.8	21	20
04/09/24 17:25	1	8	8	1	17.9	51	4.1	25	23
04/09/24 17:30	1	8	9	1	17.8	51	3.9	27	20
04/09/24 17:35	1	8	9	1	17.8	51	3.5	17	24
04/09/24 17:40	0	8	9	1	17.8	51	3.3	21	20
04/09/24 17:45	0	8	9	1	17.9	52	4.6	20	13
04/09/24 17:50	0	8	8	1	17.8	52	3.9	31	20
04/09/24 17:55	0	8	8	1	17.7	52	3.4	23	19
04/09/24 18:00	0	8	9	1	17.8	52	4.1	16	20
04/09/24 18:05	0	8	8	1	17.8	52	4.6	24	15
04/09/24 18:10	0	8	9	1	17.8	52	4.6	25	17
04/09/24 18:15	0	8	9	1	17.7	52	4.2	21	20
04/09/24 18:20	0	8	9	1	17.8	53	3.5	25	16
04/09/24 18:25	0	8	9	1	17.7	53	3.9	18	19
04/09/24 18:30	0	9	9	1	17.8	53	3.6	18	20
04/09/24 18:35	0	9	9	1	17.8	53	3.3	21	22
04/09/24 18:40	0	9	9	1	17.7	53	3.3	20	18
04/09/24 18:45	0	9	9	1	17.8	53	3.5	17	21
04/09/24 18:50	0	9	9	1	17.8	53	3.6	27	20
04/09/24 18:55	0	9	9	1	17.7	53	3.2	9	22
04/09/24 19:00	0	8	9	1	17.8	52	3.4	17	20
04/09/24 19:05	0	8	8	1	17.9	52	4.1	19	21
04/09/24 19:10	0	8	8	1	18.0	51	3.4	15	22
04/09/24 19:15	0	7	7	1	17.9	51	4.2	24	21
04/09/24 19:20	0	7	7	1	18.0	51	5.0	28	17
04/09/24 19:25	0	6	7	1	18.1	50	5.0	14	18
04/09/24 19:30	0	6	7	1	18.1	50	4.7	16	18
04/09/24 19:35	0	6	6	1	18.2	49	4.3	20	19
04/09/24 19:40	0	6	6	1	18.2	49	3.8	21	20
04/09/24 19:45	0	6	6	1	18.2	49	3.1	20	25
04/09/24 19:50	0	6	7	1	18.1	49	3.7	17	24
04/09/24 19:55	0	6	7	1	18.2	48	4.4	11	21
04/09/24 20:00	0	6	7	1	18.2	49	2.1	16	28
04/09/24 20:05	0	6	7	1	18.2	49	2.1	27	29
04/09/24 20:10	0	6	7	1	18.1	49	4.3	22	19
04/09/24 20:15	0	7	7	1	18.3	48	3.0	24	18
04/09/24 20:20	0	7	7	1	18.2	49	2.9	21	18
04/09/24 20:25	0	7	7	1	18.2	49	2.6	19	21
04/09/24 20:30	0	7	8	1	18.2	49	2.8	24	19
04/09/24 20:35	0	8	8	1	18.3	48	2.5	13	21
04/09/24 20:40	0	7	8	1	18.3	48	2.5	12	24
04/09/24 20:45	0	8	8	1	18.3	48	2.4	7	27
04/09/24 20:50	0	8	8	1	18.3	48	1.6	360	40
04/09/24 20:55	0	9	9	1	18.3	47	2.6	15	26
04/09/24 21:00	0	9	9	1	18.4	47	2.1	19	23
04/09/24 21:05	1	9	9	1	18.5	46	3.5	14	16
04/09/24 21:10	1	8	9	1	18.7	45	3.3	26	19

Station Pier Ambient Air Quality Monitoring

September 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 (°)
04/09/24 21:15	1	8	9	1	18.7	45	3.1	13	25
04/09/24 21:20	0	8	8	1	18.8	44	2.9	14	19
04/09/24 21:25	0	7	8	1	18.8	44	2.2	3	24
04/09/24 21:30	0	7	7	1	18.8	44	2.1	357	24
04/09/24 21:35	0	8	8	1	18.8	44	2.0	354	27
04/09/24 21:40	0	10	10	1	18.8	44	2.5	10	27
04/09/24 21:45	1	12	13	1	18.7	43	3.6	2	17
04/09/24 21:50	1	12	13	1	18.9	42	3.1	10	25
04/09/24 21:55	1	11	12	1	18.9	42	3.5	9	20
04/09/24 22:00	0	11	11	1	19.0	41	4.1	13	22
04/09/24 22:05	0	10	10	1	19.1	41	3.6	25	20
04/09/24 22:10	0	9	9	1	19.1	40	5.2	23	16
04/09/24 22:15	0	8	8	1	19.2	39	6.3	19	17
04/09/24 22:20	0	7	7	1	19.3	39	4.4	19	18
04/09/24 22:25	0	6	7	1	19.4	38	4.7	20	21
04/09/24 22:30	0	6	6	1	19.6	37	4.8	11	22
04/09/24 22:35	0	5	6	1	19.7	37	4.8	19	18
04/09/24 22:40	0	5	5	1	19.8	36	3.8	7	19
04/09/24 22:45	0	4	5	1	19.9	36	4.8	18	24
04/09/24 22:50	0	4	5	1	19.9	36	4.2	23	22
04/09/24 22:55	0	4	5	1	19.9	36	4.3	20	19
04/09/24 23:00	0	4	5	1	19.9	36	4.2	20	21
04/09/24 23:05	0	4	4	1	20.1	35	5.0	17	21
04/09/24 23:10	0	4	4	1	20.2	35	4.1	20	22
04/09/24 23:15	0	4	4	1	20.1	35	2.8	11	29
04/09/24 23:20	0	4	4	1	20.0	35	3.8	12	18
04/09/24 23:25	0	3	4	1	20.1	35	3.8	6	23
04/09/24 23:30	0	3	4	1	20.2	35	4.1	9	20
04/09/24 23:35	0	4	4	1	20.2	35	4.1	5	23
04/09/24 23:40	0	3	3	1	20.2	34	4.0	4	24
04/09/24 23:45	0	4	4	1	20.2	34	3.8	360	27
04/09/24 23:50	0	4	4		20.1	34	2.8	349	32
04/09/24 23:55	0	5	5		20.0	35	2.2	345	35
05/09/24 00:00	0	6	6	1	20.0	34	2.9	346	33
05/09/24 00:05	0	6	6	1	20.0	34	2.1	355	39
05/09/24 00:10	0	7	7	1	20.0	34	3.3	354	30
05/09/24 00:15	0	7	7	1	20.0	34	2.9	345	31
05/09/24 00:20	0	7	7	1	20.1	34	3.1	346	32
05/09/24 00:25	0	7	7	1	20.1	34	3.2	336	35
05/09/24 00:30	0	7	7	1	20.1	34	3.3	348	33
05/09/24 00:35	0	6	7	1	20.1	34	3.3	340	33
05/09/24 00:40	0	6	6	1	20.0	35	4.2	351	31
05/09/24 00:45	0	6	6	1	20.0	35	3.6	350	32
05/09/24 00:50	0	5	6	1	19.9	35	5.0	6	23
05/09/24 00:55	0	5	5	1	19.8	36	3.6	357	28
05/09/24 01:00	0	5	5	1	19.7	36	4.6	6	23
05/09/24 01:05					19.7	37	5.1	7	20
05/09/24 01:10					19.7	37	5.5	12	22
05/09/24 01:15					19.6	37	4.6	8	25
05/09/24 01:20					19.5	37	5.2	12	20
05/09/24 01:25					19.4	38	4.9	8	21
05/09/24 01:30					19.3	38	5.0	9	22
05/09/24 01:35					19.2	39	4.6	18	23
05/09/24 01:40					19.0	40	4.5	25	21
05/09/24 01:45					18.9	40	5.8	28	18
05/09/24 01:50					18.7	43	5.5	23	17
05/09/24 01:55					18.4	44	5.4	32	15
05/09/24 02:00					18.3	43	6.7	30	15
05/09/24 02:05	0	4	4	1	18.3	42	4.7	24	19
05/09/24 02:10	0	3	4	1	18.5	42	5.6	20	17
05/09/24 02:15	0	3	3	1	18.5	42	5.6	18	22
05/09/24 02:20	0	3	3	1	18.4	41	4.8	16	22
05/09/24 02:25	0	3	3	1	18.5	41	5.3	11	26
05/09/24 02:30	0	3	3	1	18.5	40	4.5	8	24
05/09/24 02:35	0	3	3	2	18.5	41	4.2	360	32
05/09/24 02:40	0	3	3	2	18.5	41	4.8	6	24
05/09/24 02:45	0	3	3	2	18.5	41	4.4	16	24
05/09/24 02:50	0	3	3	2	18.5	41	4.6	12	23
05/09/24 02:55	0	3	3	2	18.4	41	5.1	15	22
05/09/24 03:00	0	3	3	1	18.6	40	5.3	15	18
05/09/24 03:05	0	2	3	1	18.6	40	4.4	7	26
05/09/24 03:10	0	2	3	2	18.6	40	5.7	358	30
05/09/24 03:15	0	2	3	1	18.4	40	4.1	11	25
05/09/24 03:20	0	3	3	1	18.3	41	5.9	6	21
05/09/24 03:25	0	3	3	1	18.1	43	4.4	359	26
05/09/24 03:30	0	3	3	1	18.0	43	3.8	1	24
05/09/24 03:35	0	3	3	1	17.8	43	4.3	359	20
05/09/24 03:40	0	3	3	1	17.9	44	4.7	7	25
05/09/24 03:45	0	3	3	1	18.0	43	4.4	12	23
05/09/24 03:50	0	3	3	1	18.0	43	5.5	7	21
05/09/24 03:55	0	3	3	1	18.0	44	5.4	12	26
05/09/24 04:00	0	3	3	1	18.1	44	5.0	10	23
05/09/24 04:05	0	3	3	1	17.9	44	4.8	4	22
05/09/24 04:10	0	3	3	1	18.0	44	4.8	5	24
05/09/24 04:15	0	3	3	1	18.0	44	5.0	4	23
05/09/24 04:20	0	3	3	1	18.0	44	3.5	354	33

Station Pier Ambient Air Quality Monitoring
September 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 (°)
05/09/24 04:25	0	3	3	1	18.0	44	3.9	7	18
05/09/24 04:30	0	3	3	1	18.1	44	3.2	6	23
05/09/24 04:35	0	3	3	2	18.1	44	4.2	8	22
05/09/24 04:40	0	3	3	1	18.0	44	2.3	18	29
05/09/24 04:45	0	3	3	2	18.0	43	4.2	15	24
05/09/24 04:50	0	3	3	1	18.0	43	4.0	13	23
05/09/24 04:55	0	3	3	1	18.0	43	3.4	19	21
05/09/24 05:00	0	3	3	1	17.8	44	4.0	20	20
05/09/24 05:05	0	3	3	1	17.6	45	4.5	22	18
05/09/24 05:10	0	3	4	1	17.5	45	4.9	24	19
05/09/24 05:15	0	3	3	1	17.5	45	4.9	14	19
05/09/24 05:20	0	3	4	1	17.5	45	5.0	7	21
05/09/24 05:25	0	3	4	1	17.5	45	5.5	8	21
05/09/24 05:30	0	3	4	1	17.5	45	5.5	9	21
05/09/24 05:35	0	4	4	1	17.5	45	5.8	12	21
05/09/24 05:40	0	4	4	1	17.5	46	6.0	15	25
05/09/24 05:45	0	4	4	1	17.4	47	4.3	22	20
05/09/24 05:50	0	4	4	1	17.4	48	4.3	18	23
05/09/24 05:55	0	4	5	1	17.4	48	3.0	19	27
05/09/24 06:00	0	5	5	1	17.3	49	3.6	20	20
05/09/24 06:05	0	5	6	1	17.3	49	4.6	27	18
05/09/24 06:10	0	6	6	1	17.4	48	4.2	21	17
05/09/24 06:15	1	6	6	1	17.3	49	3.8	26	17
05/09/24 06:20	0	6	7	2	17.2	50	3.2	16	27
05/09/24 06:25	0	7	8	2	17.1	50	2.7	18	18
05/09/24 06:30	0	8	8	1	17.2	50	2.5	12	24
05/09/24 06:35	0	8	9	2	17.2	49	2.4	333	29
05/09/24 06:40	1	10	11	1	17.2	51	1.6	344	40
05/09/24 06:45	1	13	14	1	17.1	51	3.1	17	31
05/09/24 06:50	1	12	13	1	17.0	51	3.7	360	38
05/09/24 06:55	1	9	10	2	16.6	54	3.5	24	19
05/09/24 07:00	1	9	10	2	16.4	56	3.2	29	18
05/09/24 07:05	1	10	11	1	16.3	55	3.5	21	17
05/09/24 07:10	1	11	12	1	16.4	54	3.0	10	22
05/09/24 07:15	1	11	13	1	16.4	53	3.0	23	24
05/09/24 07:20	1	12	13	1	16.7	51	3.9	23	16
05/09/24 07:25	1	12	14	1	16.8	51	3.9	25	18
05/09/24 07:30	2	13	14	1	16.8	51	5.3	24	19
05/09/24 07:35	2	13	14	1	16.7	50	3.9	23	18
05/09/24 07:40	2	13	15	1	16.9	49	4.2	8	19
05/09/24 07:45	2	13	15	1	17.0	48	2.7	347	27
05/09/24 07:50	2	14	16	1	17.3	47	2.9	2	28
05/09/24 07:55	3	16	19	1	17.3	47	4.2	5	20
05/09/24 08:00	4	23	27	1	17.3	47	3.3	8	27
05/09/24 08:05	5	22	27	1	17.5	46	4.1	354	23
05/09/24 08:10	5	19	24	1	17.5	45	2.9	1	25
05/09/24 08:15	5	15	20	1	17.7	44	4.9	7	22
05/09/24 08:20	4	11	15	1	17.7	44	4.6	19	21
05/09/24 08:25	4	11	15	1	17.7	43	4.9	11	23
05/09/24 08:30	4	11	14	2	17.8	42	4.8	8	20
05/09/24 08:35	4	10	14	2	18.0	42	4.7	19	25
05/09/24 08:40	4	10	14	2	18.4	40	4.8	23	21
05/09/24 08:45	3	10	14	1	18.3	40	4.2	17	26
05/09/24 08:50	3	10	14	1	18.3	39	6.4	9	16
05/09/24 08:55	3	10	13	1	18.3	40	5.0	7	21
05/09/24 09:00	3	10	14	1	18.2	40	5.2	14	20
05/09/24 09:05	4	11	15	1	18.5	40	4.4	8	24
05/09/24 09:10	4	11	16	1	18.4	40	4.1	4	22
05/09/24 09:15	5	12	16	1	18.5	40	4.9	3	22
05/09/24 09:20	5	12	16	1	18.7	39	5.6	8	17
05/09/24 09:25	5	11	16	1	18.8	39	4.8	6	26
05/09/24 09:30	5	10	15	1	18.7	39	5.4	10	21
05/09/24 09:35	4	10	15	1	18.5	40	4.4	12	22
05/09/24 09:40	5	10	14	1	18.7	39	4.6	13	28
05/09/24 09:45	4	9	13	1	18.9	38	5.8	6	23
05/09/24 09:50	4	9	13	0	19.3	37	4.1	6	22
05/09/24 09:55	5	9	15	1	19.7	37	5.4	10	20
05/09/24 10:00	6	10	15	1	19.8	37	5.3	359	23
05/09/24 10:05	5	10	15	1	19.7	38	4.1	1	26
05/09/24 10:10	5	10	15	1	19.3	39	4.6	356	28
05/09/24 10:15	4	10	15	1	18.9	41	4.3	5	25
05/09/24 10:20	4	11	15	0	18.7	42	4.6	6	23
05/09/24 10:25	4	11	15	1	18.5	42	5.1	3	24
05/09/24 10:30	4	12	16	0	18.5	43	4.6	4	21
05/09/24 10:35	3	12	15	1	18.5	42	5.5	360	20
05/09/24 10:40	3	11	14	1	18.4	43	4.0	3	26
05/09/24 10:45	3	11	14	1	18.4	42	4.4	5	23
05/09/24 10:50	3	11	14	1	18.5	42	5.5	6	16
05/09/24 10:55	3	10	13	1	18.7	41	5.4	12	25
05/09/24 11:00	3	10	12	1	18.8	41	4.7	14	22
05/09/24 11:05	2	9	12	1	18.9	40	5.3	11	18
05/09/24 11:10	2	9	11	1	18.8	41	5.4	9	20
05/09/24 11:15	2	9	11	1	18.8	40	4.9	6	21
05/09/24 11:20	2	9	11	1	18.9	40	4.9	10	26
05/09/24 11:25	2	9	12	1	18.9	40	3.5	15	22
05/09/24 11:30	2	10	12	1	19.0	40	4.6	3	22

Station Pier Ambient Air Quality Monitoring

September 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 (°)
05/09/24 11:35	2	10	12	1	19.0	39	3.9	7	23
05/09/24 11:40	2	11	13	1	19.1	40	3.6	12	25
05/09/24 11:45	3	11	14	1	19.1	39	4.7	8	21
05/09/24 11:50	3	11	14	1	19.2	39	4.4	10	23
05/09/24 11:55	3	12	14	1	19.3	39	3.3	3	26
05/09/24 12:00	3	12	14	1	19.2	39	2.7	352	41
05/09/24 12:05	3	11	14	1	19.2	40	3.6	314	26
05/09/24 12:10	2	11	13	1	19.2	41	4.2	317	23
05/09/24 12:15	2	11	13	1	19.1	42	3.4	316	20
05/09/24 12:20	2	12	14	1	19.1	43	2.8	314	23
05/09/24 12:25	3	12	15	1	19.1	43	3.5	340	32
05/09/24 12:30	2	12	15	1	19.3	42	3.3	351	30
05/09/24 12:35	2	12	14	1	19.3	42	2.8	338	33
05/09/24 12:40	2	12	14	1	19.5	42	3.5	341	31
05/09/24 12:45	2	11	14	1	19.8	42	3.8	339	28
05/09/24 12:50	2	11	13	1	19.9	42	3.3	348	36
05/09/24 12:55	2	11	13	1	19.7	43	2.9	357	32
05/09/24 13:00	2	12	14	1	19.5	45	3.7	352	27
05/09/24 13:05	2	12	15	1	19.1	48	2.0	338	39
05/09/24 13:10	3	14	17	1	18.8	51	2.4	323	37
05/09/24 13:15	3	15	18	1	18.5	51	2.6	323	35
05/09/24 13:20	3	15	18	0	18.7	48	2.9	352	35
05/09/24 13:25	3	13	15	0	19.0	45	4.3	337	30
05/09/24 13:30	2	10	13	0	19.2	45	3.9	334	29
05/09/24 13:35	2	9	11	0	18.9	46	3.9	340	26
05/09/24 13:40	2	9	11	1	18.7	49	1.7	324	36
05/09/24 13:45	2	10	12	1	18.7	48	3.7	312	21
05/09/24 13:50	2	10	13	1	18.7	48	3.4	321	30
05/09/24 13:55	2	10	12	1	18.7	48	3.7	325	28
05/09/24 14:00	2	10	12	1	18.7	48	3.2	336	29
05/09/24 14:05	2	11	13	1	18.6	50	3.0	334	28
05/09/24 14:10	2	11	13	1	18.3	52	3.3	346	34
05/09/24 14:15	2	11	13	1	18.0	55	2.7	344	32
05/09/24 14:20	2	12	14	1	17.8	58	3.4	358	29
05/09/24 14:25	2	12	15	1	17.6	59	4.3	8	21
05/09/24 14:30	3	13	16	1	17.5	58	4.5	357	21
05/09/24 14:35	3	13	16	1	17.5	57	3.3	359	25
05/09/24 14:40	3	14	17	1	17.7	57	3.9	360	23
05/09/24 14:45	3	14	17	1	17.7	56	4.2	1	23
05/09/24 14:50	3	14	17	1	17.7	56	4.3	360	27
05/09/24 14:55	3	14	17	0	17.6	56	4.2	354	25
05/09/24 15:00	3	14	17	1	17.3	58	3.3	357	29
05/09/24 15:05	2	14	16	1	17.1	59	3.2	359	32
05/09/24 15:10	2	13	16	1	17.1	60	2.9	348	31
05/09/24 15:15	2	13	16	1	17.1	61	4.4	2	19
05/09/24 15:20	2	14	16	1	16.8	61	3.9	1	20
05/09/24 15:25	2	14	16	1	16.8	61	4.1	14	23
05/09/24 15:30	2	14	16	1	17.0	60	4.1	16	18
05/09/24 15:35	3	15	17	1	17.0	60	3.7	9	22
05/09/24 15:40	3	15	18	1	17.0	60	3.6	15	26
05/09/24 15:45	3	15	18	1	17.1	59	3.7	22	18
05/09/24 15:50	3	16	19	1	17.2	59	3.5	23	18
05/09/24 15:55	3	17	20	1	17.4	58	3.3	20	19
05/09/24 16:00	2	17	20	1	17.6	57	3.7	13	22
05/09/24 16:05	2	17	19	1	17.7	58	3.7	25	19
05/09/24 16:10	2	17	19	1	17.7	58	4.0	26	16
05/09/24 16:15	2	17	19	1	17.7	59	3.6	23	20
05/09/24 16:20	2	17	19	1	17.9	57	4.8	29	14
05/09/24 16:25	2	17	18	1	18.0	56	4.0	32	14
05/09/24 16:30	2	16	18	1	18.2	55	3.5	24	20
05/09/24 16:35	2	16	18	1	18.2	55	4.4	19	21
05/09/24 16:40	2	15	17	1	18.3	55	3.5	13	25
05/09/24 16:45	1	15	16	1	18.2	55	4.4	24	18
05/09/24 16:50	1	14	16	1	18.3	54	4.0	9	15
05/09/24 16:55	1	14	16	1	18.3	54	3.3	17	22
05/09/24 17:00	1	15	16	1	18.2	56	3.2	12	18
05/09/24 17:05	1	15	16	1	18.0	56	3.2	21	18
05/09/24 17:10	1	16	17	1	17.9	56	3.6	27	16
05/09/24 17:15	1	16	17	1	18.0	57	3.8	17	15
05/09/24 17:20	1	16	17	1	18.0	56	3.8	27	13
05/09/24 17:25	1	16	17	1	18.1	55	2.8	17	19
05/09/24 17:30	1	16	18	1	18.3	55	3.6	14	20
05/09/24 17:35	1	16	17	1	18.4	54	3.0	22	22
05/09/24 17:40	1	16	17	1	18.5	54	3.6	31	11
05/09/24 17:45	1	16	17	0	18.2	56	3.5	30	17
05/09/24 17:50	1	17	18	1	18.1	57	3.4	29	15
05/09/24 17:55	1	17	18	1	18.0	57	3.3	31	21
05/09/24 18:00	1	16	17	1	18.4	55	4.1	27	15
05/09/24 18:05	1	16	17	1	18.5	54	4.3	28	15
05/09/24 18:10	1	16	17	1	18.4	56	3.5	39	14
05/09/24 18:15	1	16	17	1	17.8	61	3.0	51	12
05/09/24 18:20	1	16	17	1	17.4	64	3.1	50	9
05/09/24 18:25	1	16	17	1	17.3	63	2.6	48	12
05/09/24 18:30	1	16	17	1	17.3	63	2.1	55	12
05/09/24 18:35	1	17	17	1	17.3	63	1.7	48	13
05/09/24 18:40	1	17	18	1	17.5	62	1.9	49	16

Station Pier Ambient Air Quality Monitoring

September 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 (°)
05/09/24 18:45	1	17	18	1	17.4	63	1.8	60	17
05/09/24 18:50	1	17	18	1	17.4	63	1.6	13	27
05/09/24 18:55	0	18	18	1	17.7	59	1.1	336	39
05/09/24 19:00	0	17	18	1	18.1	56	2.6	23	15
05/09/24 19:05	0	16	16	1	18.5	56	2.2	38	18
05/09/24 19:10	0	16	16	1	18.3	57	2.2	43	16
05/09/24 19:15	1	17	17	1	18.0	60	2.8	43	9
05/09/24 19:20	1	18	19	1	17.7	62	2.2	38	10
05/09/24 19:25	1	21	22	1	17.6	63	2.1	41	12
05/09/24 19:30	1	22	23	1	17.5	63	1.8	41	13
05/09/24 19:35	1	22	24	1	17.4	64	0.9	29	24
05/09/24 19:40	1	22	23	1	17.3	63	0.5	31	56
05/09/24 19:45	1	22	23	1	17.4	64	0.6	77	19
05/09/24 19:50	1	22	23	1	17.2	65	0.6	287	24
05/09/24 19:55	1	22	22	1	16.9	66	1.2	294	15
05/09/24 20:00	1	23	24	1	17.2	64	0.8	298	21
05/09/24 20:05	1	24	25	1	17.1	64	0.8	331	40
05/09/24 20:10	2	25	27	1	17.1	66	1.2	43	20
05/09/24 20:15	4	27	31	1	17.0	66	1.3	24	19
05/09/24 20:20	8	30	38	1	17.1	64	1.2	333	26
05/09/24 20:25	11	29	40	1	17.3	62	1.5	315	21
05/09/24 20:30	15	29	43	1	17.6	61	1.0	316	29
05/09/24 20:35	25	32	57	1	17.6	61	0.9	347	33
05/09/24 20:40	26	32	58	1	17.5	61	1.7	3	19
05/09/24 20:45	22	33	55	1	17.5	61	1.3	355	25
05/09/24 20:50	16	31	47	1	17.5	62	0.6	25	41
05/09/24 20:55	15	31	46	1	17.5	62	0.8	7	34
05/09/24 21:00	13	23	36	1	17.4	62	0.8	5	42
05/09/24 21:05	7	25	32	1	17.5	62	0.9	56	13
05/09/24 21:10	3	28	31	1	17.3	63	0.7	59	7
05/09/24 21:15	2	27	30	1	17.3	62	0.5	48	21
05/09/24 21:20	2	27	29	1	17.2	63	0.3	9	59
05/09/24 21:25	2	27	29	1	17.0	64	0.6	8	26
05/09/24 21:30	2	27	29	1	17.1	63	0.6	310	45
05/09/24 21:35	2	27	29	1	17.2	64	0.8	327	34
05/09/24 21:40	4	27	31	1	17.1	65	1.1	39	23
05/09/24 21:45	6	28	34	1	17.0	65	1.2	24	26
05/09/24 21:50	7	28	36	1	17.1	66	1.2	16	25
05/09/24 21:55	8	28	36	1	17.1	65	0.9	19	34
05/09/24 22:00	7	27	33	1	17.2	65	1.4	0	34
05/09/24 22:05	5	21	26	1	17.7	62	1.8	20	27
05/09/24 22:10	3	19	22	1	18.0	61	2.4	14	21
05/09/24 22:15	2	19	21	1	18.0	61	1.7	37	19
05/09/24 22:20	1	20	21	1	18.0	62	1.4	66	22
05/09/24 22:25	1	20	21	1	17.6	64	1.3	88	33
05/09/24 22:30	1	21	21	1	16.6	70	1.3	137	31
05/09/24 22:35	1	20	21	1	16.0	73	0.6	172	53
05/09/24 22:40	0	21	22	1	15.8	74	0.4	203	51
05/09/24 22:45	0	22	22	1	15.4	77	1.1	198	15
05/09/24 22:50	0	23	23	1	15.2	77	1.0	164	22
05/09/24 22:55	1	23	24	1	15.3	78	1.6	185	19
05/09/24 23:00	1	23	24	1	15.3	77	2.1	183	16
05/09/24 23:05	1	23	24	1	15.1	79	3.5	198	6
05/09/24 23:10	0	23	23	1	14.9	81	2.6	180	13
05/09/24 23:15	0	22	22	1	15.0	80	1.8	165	17
05/09/24 23:20	0	20	21	1	15.0	81	1.2	160	21
05/09/24 23:25	0	19	20	1	14.9	81	0.6	195	45
05/09/24 23:30	0	18	18	1	14.8	81	0.5	154	61
05/09/24 23:35	0	17	18	1	14.8	81	1.2	100	23
05/09/24 23:40	0	17	17	1	14.8	81	1.5	107	17
05/09/24 23:45	0	16	16	1	14.9	81	1.5	87	21
05/09/24 23:50	0	16	16		15.1	79	1.5	102	19
05/09/24 23:55	0	15	16		15.2	78	1.0	127	32
06/09/24 00:00	0	15	16	1	15.4	77	0.6	101	43
06/09/24 00:05	0	15	15	1	15.4	77	0.5	352	42
06/09/24 00:10	0	15	16	1	15.5	75	0.9	56	36
06/09/24 00:15	0	16	16	1	15.7	75	1.2	59	19
06/09/24 00:20	1	17	17	1	15.9	73	0.1	345	76
06/09/24 00:25	1	17	18	1	16.2	72	0.5	50	48
06/09/24 00:30	1	18	19	1	16.2	72	1.6	55	10
06/09/24 00:35	1	19	20	1	16.4	71	2.1	49	7
06/09/24 00:40	1	20	20	1	16.5	71	2.2	47	11
06/09/24 00:45	1	20	21	1	16.7	72	1.4	40	18
06/09/24 00:50	1	20	21	1	16.8	71	1.0	31	26
06/09/24 00:55	1	20	21	1	17.2	69	1.6	37	17
06/09/24 01:00	1	19	20	1	18.1	65	2.1	35	17
06/09/24 01:05					19.0	61	2.1	13	25
06/09/24 01:10					19.6	58	2.3	15	22
06/09/24 01:15					20.0	56	1.7	21	23
06/09/24 01:20					20.1	55	2.3	23	23
06/09/24 01:25					20.4	53	2.7	20	22
06/09/24 01:30					20.6	52	2.4	11	25
06/09/24 01:35					20.7	51	2.2	9	28
06/09/24 01:40					20.8	50	2.4	4	23
06/09/24 01:45					20.8	50	2.1	7	29
06/09/24 01:50					20.8	50	1.2	6	34

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
06/09/24 01:55					20.7	51	1.2	351	36
06/09/24 02:00					20.6	51	1.6	358	28
06/09/24 02:05	0	3	4	2	20.7	50	2.5	0	30
06/09/24 02:10	0	4	4	2	20.9	48	2.7	0	24
06/09/24 02:15	0	4	4	2	21.0	48	3.1	9	22
06/09/24 02:20	0	4	4	1	21.1	47	2.9	8	27
06/09/24 02:25	0	4	4	1	20.9	47	2.4	14	20
06/09/24 02:30	0	5	5	1	21.0	47	2.4	10	32
06/09/24 02:35	0	5	5	1	21.0	47	2.4	6	27
06/09/24 02:40	0	5	5	1	21.0	46	2.8	9	26
06/09/24 02:45	0	5	5	1	21.0	45	4.0	2	19
06/09/24 02:50	0	5	5	1	21.1	44	3.7	2	23
06/09/24 02:55	0	5	6	1	21.2	43	3.1	356	28
06/09/24 03:00	0	6	6	1	21.3	42	3.5	358	23
06/09/24 03:05	0	6	6	1	21.3	42	3.4	3	23
06/09/24 03:10	0	5	5	1	21.3	42	3.4	4	24
06/09/24 03:15	0	5	5	2	21.3	42	3.4	4	24
06/09/24 03:20	0	5	5	2	21.4	42	2.9	3	31
06/09/24 03:25	0	6	6	2	21.2	42	3.1	9	26
06/09/24 03:30	0	6	6	2	21.2	41	3.1	13	27
06/09/24 03:35	0	6	6	2	21.3	41	3.2	360	27
06/09/24 03:40	0	5	5	2	21.3	41	4.0	10	21
06/09/24 03:45	0	5	5	1	21.3	40	3.4	11	23
06/09/24 03:50	0	5	5	1	21.3	40	4.7	12	20
06/09/24 03:55	0	5	5	1	21.3	41	3.1	6	30
06/09/24 04:00	0	4	5	1	21.2	40	4.6	7	20
06/09/24 04:05	0	4	4	1	21.2	40	4.4	15	23
06/09/24 04:10	0	4	4	1	21.2	40	4.7	10	21
06/09/24 04:15	0	4	4	1	21.2	40	5.0	9	17
06/09/24 04:20	0	4	4	1	21.1	40	5.4	10	21
06/09/24 04:25	0	4	4	1	21.1	40	4.9	10	21
06/09/24 04:30	0	4	4	1	21.1	40	4.6	7	23
06/09/24 04:35	0	4	4	1	21.1	39	5.0	13	20
06/09/24 04:40	0	4	4	1	21.2	39	5.3	11	21
06/09/24 04:45	0	4	4	1	21.3	39	5.4	15	19
06/09/24 04:50	0	4	4	1	21.3	38	5.1	14	19
06/09/24 04:55	0	4	4	1	21.3	39	4.1	3	28
06/09/24 05:00	0	4	4	1	21.1	39	4.5	6	24
06/09/24 05:05	0	4	5	1	21.0	39	3.9	13	26
06/09/24 05:10	0	5	5	1	20.9	39	4.1	7	18
06/09/24 05:15	0	5	6	1	20.9	39	3.5	356	31
06/09/24 05:20	0	6	6	1	21.1	38	3.4	4	39
06/09/24 05:25	1	6	7	1	21.3	38	4.3	3	27
06/09/24 05:30	1	7	8	1	21.3	37	3.3	347	33
06/09/24 05:35	1	7	8	1	21.3	37	3.3	345	38
06/09/24 05:40	0	7	7	1	21.4	37	3.5	343	40
06/09/24 05:45	0	6	7	1	21.5	36	4.5	346	32
06/09/24 05:50	0	6	7	2	21.5	36	3.3	341	38
06/09/24 05:55	0	7	7	2	21.5	36	5.2	351	30
06/09/24 06:00	0	6	7	1	21.5	36	4.9	350	31
06/09/24 06:05	0	6	7	1	21.5	36	4.3	348	27
06/09/24 06:10	0	6	7	1	21.4	36	2.3	336	45
06/09/24 06:15	0	7	7	1	21.3	36	4.2	0	27
06/09/24 06:20	0	7	8	2	21.3	36	3.6	358	29
06/09/24 06:25	0	7	8	2	21.4	35	5.6	341	26
06/09/24 06:30	0	7	7	2	21.6	34	4.4	351	30
06/09/24 06:35	0	7	7	2	21.6	34	4.3	340	32
06/09/24 06:40	0	7	8	2	21.6	34	3.7	335	31
06/09/24 06:45	0	8	8	2	21.6	34	3.0	330	39
06/09/24 06:50	0	8	9	2	21.5	34	3.5	335	33
06/09/24 06:55	0	9	9	2	21.5	34	3.8	347	31
06/09/24 07:00	1	9	10	2	21.6	34	4.6	344	35
06/09/24 07:05	1	9	10	2	21.6	34	4.1	332	30
06/09/24 07:10	0	9	10	2	21.6	34	4.1	339	34
06/09/24 07:15	0	9	9	2	21.6	34	3.5	318	32
06/09/24 07:20	0	9	9	2	21.5	34	4.2	334	31
06/09/24 07:25	1	9	9	2	21.5	34	3.1	340	38
06/09/24 07:30	1	9	10	1	21.5	34	4.8	330	30
06/09/24 07:35	1	9	10	1	21.5	34	3.2	327	37
06/09/24 07:40	1	9	9	2	21.2	35	4.5	329	30
06/09/24 07:45	0	8	9	2	21.1	36	3.9	334	32
06/09/24 07:50	0	9	9	2	21.0	36	4.9	334	26
06/09/24 07:55	0	9	9	2	20.9	37	3.5	340	31
06/09/24 08:00	0	8	9	2	20.7	37	4.7	339	28
06/09/24 08:05	1	8	9	2	20.8	37	3.5	351	36
06/09/24 08:10	1	8	9	1	20.8	37	4.3	331	31
06/09/24 08:15	1	8	9	2	20.9	37	4.5	335	29
06/09/24 08:20	1	8	9	2	20.9	37	3.5	339	41
06/09/24 08:25	1	8	9	2	21.0	37	3.8	331	32
06/09/24 08:30	1	8	9	2	21.0	37	4.0	334	34
06/09/24 08:35	1	8	9	2	21.0	37	3.3	323	30
06/09/24 08:40	1	9	10	2	20.9	37	3.7	334	38
06/09/24 08:45	1	9	10	2	20.9	37	2.9	335	37
06/09/24 08:50	1	9	10	1	20.9	38	3.7	349	42
06/09/24 08:55	1	9	10	1	21.0	38	4.4	346	30
06/09/24 09:00	1	9	10	1	20.9	38	4.6	337	32

Station Pier Ambient Air Quality Monitoring
September 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 (°)
06/09/24 09:05	1	9	10	2	20.9	38	4.6	333	32
06/09/24 09:10	1	9	10	2	20.9	38	4.0	342	35
06/09/24 09:15	1	8	9	2	20.9	38	5.0	335	32
06/09/24 09:20	2	8	10	2	21.0	39	4.0	343	28
06/09/24 09:25	2	8	10	2	21.0	39	4.0	341	28
06/09/24 09:30	2	8	10	2	21.0	39	4.5	336	33
06/09/24 09:35	2	8	9	2	21.0	39	3.8	331	36
06/09/24 09:40	2	8	9	2	21.0	40	4.4	327	29
06/09/24 09:45	2	8	9	2	21.1	40	3.2	323	28
06/09/24 09:50	2	8	10	2	21.1	40	4.6	325	25
06/09/24 09:55	2	8	9	2	21.1	40	3.9	317	30
06/09/24 10:00	2	8	10	2	21.1	41	4.1	314	21
06/09/24 10:05	2	8	10	2	21.3	41	3.2	318	33
06/09/24 10:10	2	8	10	2	21.4	40	4.0	323	26
06/09/24 10:15	2	9	11	2	21.4	41	2.3	301	29
06/09/24 10:20	3	12	15	2	21.6	40	2.5	309	26
06/09/24 10:25	4	15	20	2	21.7	40	3.0	310	22
06/09/24 10:30	5	15	20	2	21.9	40	4.2	311	23
06/09/24 10:35	5	15	20	2	21.9	40	4.1	306	17
06/09/24 10:40	5	15	20	2	21.9	40	2.9	315	33
06/09/24 10:45	5	14	19	2	22.0	40	3.2	330	29
06/09/24 10:50	5	13	18	2	22.3	40	3.9	318	28
06/09/24 10:55	4	12	16	2	22.3	40	3.1	330	33
06/09/24 11:00	4	8	12	2	22.5	40	4.0	332	23
06/09/24 11:05	3	7	10	2	22.6	40	2.8	343	32
06/09/24 11:10	3	7	11	2	22.8	40	2.4	344	38
06/09/24 11:15	3	8	11	2	23.1	40	2.9	347	32
06/09/24 11:20	4	8	12	2	23.5	39	3.2	2	27
06/09/24 11:25	4	8	12	2	23.8	39	3.2	356	28
06/09/24 11:30	4	9	12	2	23.8	39	2.9	338	38
06/09/24 11:35	4	8	12	2	24.0	39	3.3	343	29
06/09/24 11:40	4	8	12	2	24.2	38	2.9	3	28
06/09/24 11:45	3	9	12	2	24.4	38	2.5	327	29
06/09/24 11:50	4	9	13	2	24.5	38	2.7	311	25
06/09/24 11:55	4	11	15	2	24.5	37	3.6	294	18
06/09/24 12:00	4	7	11	2	24.3	36	3.6	289	17
06/09/24 12:05	3	6	10	2	24.3	36	3.8	306	15
06/09/24 12:10	3	7	10	2	24.6	36	3.4	285	18
06/09/24 12:15	3	8	10	2	24.4	36	2.5	266	30
06/09/24 12:20	3	7	10	2	21.3	50	5.2	198	12
06/09/24 12:25	3	6	9	2	18.9	61	5.6	207	7
06/09/24 12:30	10	25	35	2	18.1	65	4.4	200	8
06/09/24 12:35	5	6	11	2	17.5	68	5.0	198	6
06/09/24 12:40	4	10	15	2	17.8	67	2.7	172	21
06/09/24 12:45	3	8	12	2	17.9	67	2.3	138	24
06/09/24 12:50	2	5	7	2	17.7	68	2.2	120	13
06/09/24 12:55	2	5	7	2	17.5	69	2.8	125	13
06/09/24 13:00	2	6	8	2	17.5	70	3.6	117	12
06/09/24 13:05	2	6	8	2	17.3	71	2.3	135	18
06/09/24 13:10	2	6	8	2	17.1	72	1.6	163	25
06/09/24 13:15	2	6	8	2	17.2	73	3.7	198	10
06/09/24 13:20	2	6	8	2	17.5	72	3.7	197	7
06/09/24 13:25	2	6	8	2	17.6	72	3.1	196	8
06/09/24 13:30	2	7	9	2	17.2	74	4.3	205	5
06/09/24 13:35	2	6	8	2	16.6	77	4.8	206	4
06/09/24 13:40	2	6	8	2	16.6	77	3.8	197	6
06/09/24 13:45	2	7	9	2	16.9	76	3.3	200	8
06/09/24 13:50	2	7	9	2	16.4	79	3.6	200	7
06/09/24 13:55	2	7	9	2	16.6	78	3.2	193	12
06/09/24 14:00	2	6	9	2	16.7	77	4.1	202	8
06/09/24 14:05	2	8	10	2	16.4	78	4.5	197	6
06/09/24 14:10	2	7	9	2	15.9	82	3.6	211	7
06/09/24 14:15	16	14	30	2	15.9	82	4.7	235	10
06/09/24 14:20	15	21	36	2	17.8	74	6.9	242	6
06/09/24 14:25	6	14	19	2	18.3	71	5.6	244	7
06/09/24 14:30	5	16	21	2	18.4	71	4.6	251	12
06/09/24 14:35	5	12	16	2	18.6	70	4.9	257	10
06/09/24 14:40	4	12	16	2	18.9	69	4.1	259	14
06/09/24 14:45	3	13	15	2	18.8	69	6.7	261	10
06/09/24 14:50	2	11	14	2	18.9	69	6.1	267	5
06/09/24 14:55	2	11	13	2	18.7	70	5.5	264	7
06/09/24 15:00	2	12	14	2	18.6	70	4.8	274	7
06/09/24 15:05	2	12	14	2	18.8	69	3.3	289	16
06/09/24 15:10	2	12	14	2	19.0	67	2.8	294	16
06/09/24 15:15	3	18	21	2	19.3	66	2.3	296	14
06/09/24 15:20	4	23	27	2	19.3	66	1.9	297	11
06/09/24 15:25	4	22	26	2	19.5	66	1.5	329	26
06/09/24 15:30	4	22	26	2	19.5	65	1.2	306	30
06/09/24 15:35	5	22	27	2	19.5	65	1.6	319	22
06/09/24 15:40	6	26	32	2	19.5	64	1.7	312	18
06/09/24 15:45	17	31	49	2	19.5	64	1.6	322	26
06/09/24 15:50	29	27	56	2	19.6	64	1.8	311	23
06/09/24 15:55	31	27	58	2	19.7	63	1.9	307	11
06/09/24 16:00	30	28	58	3	19.8	63	1.4	305	14
06/09/24 16:05	29	28	57	3	19.6	64	0.3	275	64
06/09/24 16:10	30	28	58	3	19.6	65	1.5	335	21

Station Pier Ambient Air Quality Monitoring

September 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 (°)
06/09/24 16:15	34	27	61	3	19.6	64	2.4	303	16
06/09/24 16:20	27	26	53	3	19.8	62	3.3	287	15
06/09/24 16:25	11	26	37	3	19.7	63	6.0	242	28
06/09/24 16:30	3	4	6	3	16.8	81	8.1	228	6
06/09/24 16:35	2	14	16	3	16.0	88	7.2	221	8
06/09/24 16:40	1	5	6	3	15.6	90	6.3	225	5
06/09/24 16:45	2	14	16	3	15.5	91	4.1	214	8
06/09/24 16:50	4	20	24	3	15.6	92	2.3	214	7
06/09/24 16:55	4	16	20	3	15.6	92	0.9	287	34
06/09/24 17:00	2	10	12	2	15.8	91	1.8	248	15
06/09/24 17:05	1	12	13	2	15.7	91	2.2	244	12
06/09/24 17:10	2	13	15	2	15.6	91	4.5	225	7
06/09/24 17:15	1	10	12	2	15.4	92	5.5	216	4
06/09/24 17:20	1	4	5	2	15.3	91	6.4	220	4
06/09/24 17:25	2	6	8	2	15.4	88	8.5	235	3
06/09/24 17:30	0	2	2	2	15.6	84	7.7	240	5
06/09/24 17:35	1	3	4	2	15.9	82	6.6	249	6
06/09/24 17:40	1	5	6	2	16.2	79	5.6	250	9
06/09/24 17:45	1	5	6	2	16.4	77	5.4	251	6
06/09/24 17:50	1	12	13	2	16.3	77	5.1	253	7
06/09/24 17:55	1	9	10	2	16.4	76	5.4	250	7
06/09/24 18:00	1	8	9	2	16.4	74	6.2	251	6
06/09/24 18:05	0	7	8	2	16.3	75	4.7	252	7
06/09/24 18:10	0	6	6	2	16.3	75	4.5	257	8
06/09/24 18:15	0	4	5	2	16.4	74	3.9	255	10
06/09/24 18:20	0	4	5	2	16.3	74	3.7	261	9
06/09/24 18:25	0	5	5	2	16.2	75	5.6	249	6
06/09/24 18:30	1	7	8	2	16.3	74	6.6	249	7
06/09/24 18:35	1	10	11	2	16.3	74	6.4	246	6
06/09/24 18:40	1	11	12	2	16.3	74	5.2	250	5
06/09/24 18:45	1	11	12	2	16.2	74	4.1	243	5
06/09/24 18:50	1	12	13	2	16.1	74	4.6	243	6
06/09/24 18:55	1	11	12	2	16.1	75	5.5	240	5
06/09/24 19:00	1	9	10	2	16.1	75	6.4	244	5
06/09/24 19:05	1	11	12	2	16.3	74	6.1	246	6
06/09/24 19:10	1	14	15	2	16.3	74	5.4	239	6
06/09/24 19:15	2	21	23	2	16.1	75	6.0	234	5
06/09/24 19:20	2	6	7	2	15.6	78	7.2	229	6
06/09/24 19:25	1	2	2	2	15.0	79	11.8	230	8
06/09/24 19:30	0	1	1	2	14.6	79	11.2	236	4
06/09/24 19:35	0	1	1	2	14.4	80	10.8	238	4
06/09/24 19:40	0	1	1	2	14.2	82	8.8	238	5
06/09/24 19:45	0	2	2	2	14.3	81	6.3	241	8
06/09/24 19:50	0	3	3	2	14.2	80	6.5	240	6
06/09/24 19:55	0	3	3	2	14.1	78	6.9	238	5
06/09/24 20:00	0	3	3	2	14.2	78	6.0	245	8
06/09/24 20:05	0	5	5	2	14.3	77	5.0	247	8
06/09/24 20:10	0	5	6	2	14.3	77	3.5	250	11
06/09/24 20:15	0	5	5	2	14.2	76	3.5	249	13
06/09/24 20:20	0	6	6	2	14.2	77	4.4	255	8
06/09/24 20:25	0	7	7	2	14.2	77	3.5	250	9
06/09/24 20:30	0	8	8	2	14.2	77	3.5	256	8
06/09/24 20:35	0	8	8	2	14.2	77	3.7	259	15
06/09/24 20:40	0	7	7	2	14.2	76	3.9	260	7
06/09/24 20:45	0	6	7	2	14.2	76	3.3	255	9
06/09/24 20:50	0	6	6	2	14.1	76	2.5	263	10
06/09/24 20:55	0	6	6	2	14.2	77	3.0	270	11
06/09/24 21:00	0	6	6	2	14.2	77	3.6	264	7
06/09/24 21:05	0	5	5	2	14.2	76	3.7	260	11
06/09/24 21:10	0	5	5	2	14.2	77	3.3	261	12
06/09/24 21:15	0	5	5	2	14.1	77	4.3	253	7
06/09/24 21:20	0	5	5	2	14.4	77	4.1	249	8
06/09/24 21:25	0	7	7	2	14.3	78	3.3	237	11
06/09/24 21:30	0	8	8	2	14.3	78	3.5	242	9
06/09/24 21:35	0	8	9	2	14.3	78	4.9	250	9
06/09/24 21:40	0	9	9	2	14.3	78	4.3	245	9
06/09/24 21:45	0	9	9	2	14.3	78	3.6	260	10
06/09/24 21:50	0	8	8	2	14.2	79	3.8	267	7
06/09/24 21:55	0	7	7	2	14.1	79	4.5	265	10
06/09/24 22:00	0	6	6	2	14.2	80	3.3	268	7
06/09/24 22:05	0	6	6	2	14.1	80	3.4	263	7
06/09/24 22:10	0	6	6	2	14.1	80	4.2	252	9
06/09/24 22:15	0	7	7	2	14.1	80	4.7	249	11
06/09/24 22:20	0	7	7	2	14.2	79	3.5	253	10
06/09/24 22:25	0	7	7	2	14.2	80	3.6	252	13
06/09/24 22:30	0	7	7	2	14.1	79	3.2	262	15
06/09/24 22:35	0	7	7	2	14.1	80	3.6	261	11
06/09/24 22:40	0	7	7	2	14.2	80	3.6	254	9
06/09/24 22:45	0	8	8	2	14.2	80	3.9	247	12
06/09/24 22:50	0	9	9	2	14.1	80	3.0	259	7
06/09/24 22:55	0	9	9	2	14.0	79	3.5	253	11
06/09/24 23:00	0	8	9	2	14.1	80	3.6	259	9
06/09/24 23:05	0	8	8	2	14.1	80	3.5	255	8
06/09/24 23:10	0	8	8	2	14.0	80	3.3	252	9
06/09/24 23:15	0	9	9	2	14.1	79	3.2	248	9
06/09/24 23:20	0	8	9	2	14.0	79	3.2	236	12

Station Pier Ambient Air Quality Monitoring
September 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 (°)
06/09/24 23:25	0	8	8	2	14.0	80	3.5	237	8
06/09/24 23:30	0	7	7	2	14.0	80	2.7	254	11
06/09/24 23:35	0	8	9	2	14.0	81	3.0	258	5
06/09/24 23:40	0	9	9	2	14.0	80	4.3	264	7
06/09/24 23:45	0	7	7	2	13.9	80	4.2	266	8
06/09/24 23:50	0	5	5		14.0	80	4.2	264	6
06/09/24 23:55	0	4	4		13.8	80	4.1	268	7
07/09/24 00:00	0	4	4	2	13.9	80	4.3	259	9
07/09/24 00:05	0	5	5	2	13.9	80	3.6	260	6
07/09/24 00:10	0	5	6	2	13.9	81	3.0	271	12
07/09/24 00:15	0	5	6	1	13.8	80	4.1	265	7
07/09/24 00:20	0	6	6	1	13.8	80	2.7	271	9
07/09/24 00:25	0	8	8	1	13.8	80	3.2	269	9
07/09/24 00:30	0	8	9	1	13.8	80	3.1	265	5
07/09/24 00:35	0	9	9	1	13.8	80	4.4	252	6
07/09/24 00:40	0	9	10	1	13.8	80	3.7	256	8
07/09/24 00:45	0	9	9	1	13.8	81	3.6	263	7
07/09/24 00:50	0	9	9	1	13.8	81	3.8	264	6
07/09/24 00:55	0	8	8	1	13.7	80	3.6	263	5
07/09/24 01:00	0	7	7	1	13.7	81	3.2	265	7
07/09/24 01:05					13.7	81	2.0	274	9
07/09/24 01:10					13.6	81	1.4	280	12
07/09/24 01:15					13.5	81	1.4	286	16
07/09/24 01:20					13.5	81	1.6	280	15
07/09/24 01:25					13.5	82	2.7	267	6
07/09/24 01:30					13.5	82	2.7	272	7
07/09/24 01:35					13.5	82	2.2	276	10
07/09/24 01:40					13.5	82	2.6	272	9
07/09/24 01:45					13.5	82	3.0	266	5
07/09/24 01:50					13.4	82	2.5	268	10
07/09/24 01:55					13.3	82	1.7	283	13
07/09/24 02:00					13.3	82	1.8	282	14
07/09/24 02:05	0	10	10	1	13.3	82	1.7	289	12
07/09/24 02:10	0	8	8	1	13.2	82	1.7	287	13
07/09/24 02:15	0	8	8	1	13.2	82	2.2	296	11
07/09/24 02:20	0	8	8	1	13.2	81	1.8	297	10
07/09/24 02:25	0	9	9	1	13.1	81	1.5	305	13
07/09/24 02:30	0	10	10	1	13.0	81	1.4	324	13
07/09/24 02:35	0	11	11	1	12.9	81	1.2	327	24
07/09/24 02:40	0	12	12	1	12.8	82	1.2	315	15
07/09/24 02:45	0	13	13	1	12.8	82	1.0	324	18
07/09/24 02:50	0	14	14	1	12.7	82	1.0	313	16
07/09/24 02:55	0	14	15	1	12.7	83	1.4	306	9
07/09/24 03:00	0	15	15	1	12.7	82	1.7	311	11
07/09/24 03:05	0	14	15	1	12.8	82	2.0	313	8
07/09/24 03:10	1	14	14	1	12.7	82	2.0	312	11
07/09/24 03:15	1	13	14	1	12.6	82	1.8	308	12
07/09/24 03:20	0	13	14	1	12.6	83	2.0	312	11
07/09/24 03:25	0	13	13	1	12.6	82	2.0	312	13
07/09/24 03:30	0	12	12	1	12.6	82	2.2	313	10
07/09/24 03:35	0	12	12	1	12.5	82	2.5	315	7
07/09/24 03:40	0	12	12	1	12.5	82	2.3	313	13
07/09/24 03:45	0	12	12	1	12.4	82	2.0	314	10
07/09/24 03:50	0	12	12	1	12.4	82	2.1	311	11
07/09/24 03:55	0	12	12	1	12.3	83	2.3	311	8
07/09/24 04:00	0	12	12	1	12.2	83	2.3	314	8
07/09/24 04:05	0	12	12	1	12.2	83	1.8	313	11
07/09/24 04:10	0	12	13	1	12.3	83	1.3	333	21
07/09/24 04:15	0	13	13	1	12.1	83	1.2	337	20
07/09/24 04:20	0	13	13	1	11.9	83	1.1	340	30
07/09/24 04:25	0	13	13	1	12.0	83	0.9	359	25
07/09/24 04:30	0	15	15	1	11.9	83	1.0	328	23
07/09/24 04:35	0	19	19	1	12.0	83	0.8	341	27
07/09/24 04:40	1	25	25	1	11.8	84	0.9	340	26
07/09/24 04:45	1	26	27	1	11.7	84	1.1	338	29
07/09/24 04:50	2	26	28	1	11.7	84	1.6	317	16
07/09/24 04:55	2	26	28	1	11.7	83	1.6	326	17
07/09/24 05:00	2	26	28	1	11.6	83	1.4	327	22
07/09/24 05:05	3	26	28	1	11.6	83	1.2	331	24
07/09/24 05:10	3	26	29	1	11.5	83	1.3	337	16
07/09/24 05:15	3	26	29	1	11.4	83	1.4	326	17
07/09/24 05:20	3	26	30	1	11.4	83	1.5	320	14
07/09/24 05:25	4	27	31	1	11.4	83	1.3	333	24
07/09/24 05:30	5	27	31	1	11.3	82	1.1	351	27
07/09/24 05:35	5	27	32	1	11.1	83	1.4	358	14
07/09/24 05:40	5	27	32	1	11.0	83	1.0	352	21
07/09/24 05:45	6	28	33	1	10.9	83	1.3	326	12
07/09/24 05:50	7	28	34	1	11.0	83	1.4	322	16
07/09/24 05:55	7	28	35	1	11.1	82	1.1	332	27
07/09/24 06:00	8	28	36	1	11.1	82	0.9	325	27
07/09/24 06:05	9	28	37	1	11.0	82	1.1	350	26
07/09/24 06:10	11	28	39	2	10.9	82	1.2	346	26
07/09/24 06:15	11	28	39	2	10.8	82	1.7	322	18
07/09/24 06:20	11	28	39	1	10.8	81	1.9	331	18
07/09/24 06:25	11	28	39	1	10.8	81	1.5	342	23
07/09/24 06:30	11	29	39	1	10.7	82	1.8	359	23

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
07/09/24 06:35	10	28	39	1	10.4	82	1.6	358	22
07/09/24 06:40	10	28	39	1	10.5	82	1.5	351	29
07/09/24 06:45	10	28	38	1	10.5	81	1.8	329	26
07/09/24 06:50	9	28	37	1	10.5	81	1.9	324	18
07/09/24 06:55	8	27	36	1	10.6	80	1.8	322	22
07/09/24 07:00	9	27	36	1	10.7	78	1.7	331	20
07/09/24 07:05	9	27	36	1	10.8	77	1.4	329	28
07/09/24 07:10	10	27	37	1	10.8	77	1.2	334	26
07/09/24 07:15	11	26	38	1	10.8	77	1.3	350	31
07/09/24 07:20	12	26	38	1	10.9	76	1.3	337	31
07/09/24 07:25	12	25	37	1	11.0	75	1.5	336	25
07/09/24 07:30	12	25	36	1	11.1	75	1.7	331	22
07/09/24 07:35	12	24	36	1	11.2	74	2.0	338	26
07/09/24 07:40	12	24	36	1	11.3	73	2.3	328	20
07/09/24 07:45	13	23	36	1	11.5	73	2.3	312	21
07/09/24 07:50	13	23	37	2	11.6	72	1.7	321	23
07/09/24 07:55	14	23	37	1	11.8	71	2.0	323	25
07/09/24 08:00	15	23	38	2	12.1	71	1.7	343	26
07/09/24 08:05	17	23	40	2	12.2	70	1.4	340	31
07/09/24 08:10	18	23	41	2	12.4	69	1.7	326	26
07/09/24 08:15	12	16	28	2	12.5	69	2.3	304	16
07/09/24 08:20	7	14	21	2	12.7	69	2.3	305	16
07/09/24 08:25	5	9	14	2	12.8	68	2.6	305	13
07/09/24 08:30	4	9	13	2	12.8	67	2.9	308	11
07/09/24 08:35	4	9	13	2	12.8	67	3.0	311	10
07/09/24 08:40	4	10	14	2	12.9	67	2.4	308	14
07/09/24 08:45	5	10	15	2	13.2	67	2.2	306	14
07/09/24 08:50	5	11	16	2	13.4	66	1.7	299	23
07/09/24 08:55	5	11	16	2	13.6	65	2.1	310	16
07/09/24 09:00	5	10	15	2	13.9	64	2.1	306	15
07/09/24 09:05	5	10	15	2	14.0	63	2.6	306	13
07/09/24 09:10	5	10	15	2	14.3	63	2.1	317	19
07/09/24 09:15	6	11	17	2	14.4	62	1.6	300	20
07/09/24 09:20	6	11	17	2	14.6	61	1.9	302	19
07/09/24 09:25	6	11	17	2	14.7	61	3.1	280	16
07/09/24 09:30	5	8	13	2	14.8	58	2.7	291	13
07/09/24 09:35	4	6	10	2	14.8	58	2.7	293	19
07/09/24 09:40	4	6	10	2	15.0	58	3.4	282	13
07/09/24 09:45	3	4	7	2	15.0	56	2.9	299	14
07/09/24 09:50	3	4	7	2	15.1	57	3.3	287	15
07/09/24 09:55	3	4	6	2	15.0	57	3.5	274	16
07/09/24 10:00	2	4	6	1	15.2	56	3.8	283	12
07/09/24 10:05	2	4	5	1	15.3	55	3.6	276	14
07/09/24 10:10	1	3	5	1	15.3	53	3.8	264	7
07/09/24 10:15	1	4	5	2	15.5	53	2.0	276	28
07/09/24 10:20	1	4	5	2	15.9	51	2.2	312	24
07/09/24 10:25	1	4	5	2	16.1	51	2.1	280	27
07/09/24 10:30	1	4	5	1	16.0	48	2.6	288	18
07/09/24 10:35	1	3	5	1	16.2	46	3.3	285	14
07/09/24 10:40	1	3	4	1	15.9	46	3.6	280	13
07/09/24 10:45	1	3	4	1	15.8	48	3.4	275	9
07/09/24 10:50	1	3	4	1	16.0	47	3.3	286	18
07/09/24 10:55	1	3	4	1	16.2	45	2.1	283	21
07/09/24 11:00	1	3	4	1	16.4	44	1.9	293	24
07/09/24 11:05	1	3	4	1	17.0	43	2.7	306	23
07/09/24 11:10	1	3	4	1	17.0	43	2.6	290	17
07/09/24 11:15	1	3	4	1	16.9	43	3.7	302	20
07/09/24 11:20	1	3	4	1	16.8	43	2.9	283	17
07/09/24 11:25	1	3	3	1	16.8	44	3.0	283	15
07/09/24 11:30	1	3	3	1	17.1	44	3.3	288	20
07/09/24 11:35	1	3	3	1	17.4	41	3.4	304	17
07/09/24 11:40	1	3	3	1	17.4	41	3.3	309	20
07/09/24 11:45	1	2	3	1	17.8	41	2.3	307	26
07/09/24 11:50	1	2	3	1	17.6	41	3.2	287	18
07/09/24 11:55	1	2	3	1	17.1	45	3.5	273	12
07/09/24 12:00	1	2	3	1	17.4	41	2.8	320	25
07/09/24 12:05	1	2	3	1	17.5	41	4.6	274	15
07/09/24 12:10	1	2	3	1	17.2	43	4.6	263	6
07/09/24 12:15	1	2	3	1	17.2	42	4.2	283	15
07/09/24 12:20	1	2	3	1	17.5	41	3.3	274	14
07/09/24 12:25	1	2	3	1	17.7	41	3.0	288	18
07/09/24 12:30	1	2	3	1	17.9	40	4.5	283	16
07/09/24 12:35	1	2	3	1	17.8	40	4.9	276	13
07/09/24 12:40	1	3	4	2	17.8	39	4.2	284	14
07/09/24 12:45	1	3	4	2	18.0	38	3.3	288	14
07/09/24 12:50	1	3	4	1	17.9	39	3.5	285	13
07/09/24 12:55	1	3	4	1	18.2	37	2.9	301	21
07/09/24 13:00	1	3	3	1	18.2	38	3.7	273	16
07/09/24 13:05	1	2	3	1	18.1	38	3.0	263	14
07/09/24 13:10	1	3	3	1	18.1	39	3.7	293	16
07/09/24 13:15	1	2	3	1	18.4	37	2.6	280	13
07/09/24 13:20	1	2	3	1	18.6	37	3.0	287	21
07/09/24 13:25	1	2	3	1	18.5	34	5.2	274	13
07/09/24 13:30	1	2	3	1	18.5	34	5.1	273	14
07/09/24 13:35	1	2	3	1	18.4	36	7.1	263	8
07/09/24 13:40	1	3	3	1	18.2	37	6.5	268	6

Station Pier Ambient Air Quality Monitoring

September 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 (°)
07/09/24 13:45	1	2	3	1	18.4	37	6.6	272	12
07/09/24 13:50	1	2	3	1	18.3	38	7.1	265	5
07/09/24 13:55	1	3	4	1	18.4	39	8.2	262	6
07/09/24 14:00	1	3	4	1	18.5	37	7.2	262	6
07/09/24 14:05	2	3	5	1	18.4	38	6.6	268	8
07/09/24 14:10	2	2	4	1	18.5	38	6.7	272	13
07/09/24 14:15	1	1	2	1	18.5	38	7.3	269	6
07/09/24 14:20	1	2	2	1	18.5	40	5.5	268	11
07/09/24 14:25	1	2	3	1	18.4	41	7.0	266	11
07/09/24 14:30	1	2	3	1	18.4	41	6.7	275	9
07/09/24 14:35	1	2	3	1	18.4	40	6.9	269	12
07/09/24 14:40	1	2	3	1	18.5	40	7.0	273	12
07/09/24 14:45	1	2	3	1	18.4	40	7.6	266	8
07/09/24 14:50	1	2	3	1	18.6	39	5.6	284	16
07/09/24 14:55	1	2	3	1	18.7	39	5.1	283	12
07/09/24 15:00	1	3	3	1	18.7	40	6.9	272	9
07/09/24 15:05	1	2	3	1	18.4	42	8.0	269	5
07/09/24 15:10	1	2	3	1	18.5	42	5.9	273	9
07/09/24 15:15	1	2	3	1	18.8	42	5.5	283	16
07/09/24 15:20	1	2	3	1	18.9	41	5.1	288	13
07/09/24 15:25	1	2	3	1	18.8	41	5.3	287	12
07/09/24 15:30	1	2	3	1	18.5	42	5.2	276	9
07/09/24 15:35	1	2	3	1	18.2	44	5.4	270	7
07/09/24 15:40	1	3	3	1	18.3	44	4.8	274	12
07/09/24 15:45	1	3	4	1	18.3	44	5.2	274	10
07/09/24 15:50	1	3	4	1	18.5	42	3.7	292	13
07/09/24 15:55	1	4	5	2	18.8	41	3.4	285	17
07/09/24 16:00	1	4	4	1	18.8	42	3.9	281	13
07/09/24 16:05	1	4	4	1	18.9	41	4.2	281	13
07/09/24 16:10	1	3	4	1	19.1	39	4.1	291	18
07/09/24 16:15	0	3	4	1	19.0	40	4.9	278	12
07/09/24 16:20	1	4	4	1	18.6	42	4.7	285	11
07/09/24 16:25	1	5	5	1	18.6	42	4.3	287	14
07/09/24 16:30	1	5	6	1	18.6	41	3.1	284	14
07/09/24 16:35	1	5	6	1	18.8	40	4.6	292	15
07/09/24 16:40	1	5	5	1	18.8	40	4.9	290	11
07/09/24 16:45	1	4	5	1	18.7	40	4.1	287	14
07/09/24 16:50	1	3	4	1	18.7	41	3.9	284	14
07/09/24 16:55	1	3	4	1	18.5	42	3.9	284	16
07/09/24 17:00	0	3	3	1	18.6	42	3.4	286	14
07/09/24 17:05	0	3	3	1	18.7	41	3.9	295	13
07/09/24 17:10	0	2	3	1	18.7	42	2.4	286	17
07/09/24 17:15	0	2	3	1	18.5	42	2.3	286	20
07/09/24 17:20	0	2	3	1	18.6	41	2.8	301	20
07/09/24 17:25	0	3	3	1	18.6	41	3.5	298	17
07/09/24 17:30	0	3	3	1	18.6	42	3.2	300	13
07/09/24 17:35	0	3	3	1	18.6	42	2.4	290	13
07/09/24 17:40	0	3	3	1	18.5	42	2.8	292	16
07/09/24 17:45	0	3	4	1	18.5	44	3.2	296	20
07/09/24 17:50	0	4	5	1	18.3	45	3.1	311	25
07/09/24 17:55	0	6	6	1	18.2	46	3.4	295	18
07/09/24 18:00	0	5	6	1	18.0	46	2.8	293	14
07/09/24 18:05	0	5	5	1	18.1	46	3.3	298	19
07/09/24 18:10	0	5	5	1	18.1	45	3.8	293	13
07/09/24 18:15	0	4	4	1	17.9	45	3.2	287	18
07/09/24 18:20	0	4	4	0	17.9	45	2.1	294	14
07/09/24 18:25	0	4	4	0	17.8	47	1.5	290	23
07/09/24 18:30	0	4	4	1	17.7	49	3.7	279	16
07/09/24 18:35	0	4	4	0	17.5	50	3.7	286	17
07/09/24 18:40	0	4	4	1	17.3	53	6.0	268	8
07/09/24 18:45	0	4	4	1	17.0	54	5.5	265	4
07/09/24 18:50	0	4	4	1	16.9	56	3.2	276	11
07/09/24 18:55	0	4	4	1	16.9	55	2.1	288	13
07/09/24 19:00	0	5	5	1	16.9	55	1.7	286	12
07/09/24 19:05	0	8	8	0	16.8	56	1.5	291	20
07/09/24 19:10	0	9	9	0	17.0	52	1.9	296	17
07/09/24 19:15	0	7	8	1	17.2	51	2.1	282	17
07/09/24 19:20	0	6	6	1	17.3	50	2.3	291	19
07/09/24 19:25	0	6	6	1	17.4	50	2.2	292	19
07/09/24 19:30	0	6	6	1	17.5	50	2.7	289	16
07/09/24 19:35	0	6	6	1	17.3	52	2.4	278	13
07/09/24 19:40	0	6	6	1	17.1	53	2.4	283	15
07/09/24 19:45	0	6	6	1	17.0	54	2.1	292	16
07/09/24 19:50	0	5	5	0	16.9	56	1.6	284	13
07/09/24 19:55	0	5	5	0	16.7	56	1.7	271	13
07/09/24 20:00	0	5	5	0	16.0	68	2.5	212	14
07/09/24 20:05	0	5	5	0	15.1	75	1.2	237	21
07/09/24 20:10	0	4	4	0	14.8	78	3.6	236	7
07/09/24 20:15	0	4	4	0	14.7	78	7.1	234	5
07/09/24 20:20	0	4	4	0	14.3	81	4.7	236	5
07/09/24 20:25	0	3	3	0	14.2	83	3.0	244	10
07/09/24 20:30	0	3	3	0	14.0	83	3.7	247	7
07/09/24 20:35	0	4	4	0	14.1	83	2.7	251	10
07/09/24 20:40	0	5	5	0	14.0	84	2.0	250	11
07/09/24 20:45	0	7	7	0	14.0	83	2.0	251	11
07/09/24 20:50	0	10	10	0	14.0	84	2.1	238	6

Station Pier Ambient Air Quality Monitoring
September 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 (°)
07/09/24 20:55	0	11	11	0	14.0	84	1.6	261	11
07/09/24 21:00	0	17	17	0	14.1	84	1.0	281	22
07/09/24 21:05	1	28	29	1	14.0	83	1.8	248	7
07/09/24 21:10	2	22	24	1	14.0	84	1.3	229	12
07/09/24 21:15	2	26	28	1	14.0	84	0.9	220	6
07/09/24 21:20	3	27	30	1	14.0	85	0.7	198	15
07/09/24 21:25	3	26	29	1	13.9	84	0.5	196	18
07/09/24 21:30	4	27	31	1	14.0	85	0.1	155	70
07/09/24 21:35	4	24	28	1	14.1	85	0.4	65	9
07/09/24 21:40	5	23	28	1	14.2	85	0.6	23	10
07/09/24 21:45	5	25	30	0	14.2	84	0.7	12	11
07/09/24 21:50	6	26	31	1	14.2	82	1.3	6	5
07/09/24 21:55	2	21	24	1	14.4	80	1.1	1	14
07/09/24 22:00	2	21	23	1	14.5	79	0.7	334	32
07/09/24 22:05	1	22	22	1	14.6	77	0.8	305	15
07/09/24 22:10	1	22	23	1	14.7	77	0.8	319	8
07/09/24 22:15	1	22	23	1	14.8	77	1.0	311	16
07/09/24 22:20	1	22	23	1	14.6	81	2.0	225	12
07/09/24 22:25	1	22	22	0	14.2	83	2.7	228	14
07/09/24 22:30	1	21	21	1	14.1	83	1.9	212	13
07/09/24 22:35	0	17	18	1	14.1	84	0.7	280	33
07/09/24 22:40	1	17	17	1	14.1	82	1.4	294	20
07/09/24 22:45	1	24	25	1	14.4	78	1.6	292	13
07/09/24 22:50	1	17	19	1	14.7	73	3.2	279	16
07/09/24 22:55	1	10	10	1	15.0	68	3.7	287	15
07/09/24 23:00	1	8	9	1	14.9	68	3.9	278	13
07/09/24 23:05	1	5	6	1	14.7	66	4.3	282	14
07/09/24 23:10	1	6	6	1	14.7	66	3.7	291	13
07/09/24 23:15	0	10	10	1	14.7	66	3.2	291	12
07/09/24 23:20	0	7	7	1	14.8	66	2.7	288	16
07/09/24 23:25	0	5	5	1	14.7	66	2.6	291	14
07/09/24 23:30	0	5	5	1	14.7	67	2.3	292	13
07/09/24 23:35	0	6	6	1	14.7	67	2.1	290	16
07/09/24 23:40	0	6	7	1	14.7	67	2.3	293	14
07/09/24 23:45	0	7	8	1	14.7	67	2.3	293	12
07/09/24 23:50	0	8	8		14.7	67	2.6	291	14
07/09/24 23:55	0	8	9		14.6	67	2.7	289	14
08/09/24 00:00	0	9	9	1	14.5	67	2.1	294	13
08/09/24 00:05	0	8	8	1	14.4	68	2.0	300	14
08/09/24 00:10	0	7	7	1	14.4	68	2.2	310	11
08/09/24 00:15	0	7	7	1	14.3	68	2.7	312	9
08/09/24 00:20	0	7	7	2	14.3	69	2.3	305	11
08/09/24 00:25	0	7	8	2	14.2	70	2.3	308	12
08/09/24 00:30	0	8	8	2	14.1	71	2.3	310	11
08/09/24 00:35	0	13	14	2	14.0	72	1.5	322	19
08/09/24 00:40	1	30	31	2	13.9	73	1.8	331	24
08/09/24 00:45	2	27	30	2	13.9	73	1.8	317	20
08/09/24 00:50	3	27	30	2	13.8	73	1.3	315	22
08/09/24 00:55	3	26	29	2	13.7	72	1.8	314	18
08/09/24 01:00	3	23	26	2	13.7	70	2.2	314	15
08/09/24 01:05					13.7	70	1.3	316	19
08/09/24 01:10					13.7	70	1.4	307	19
08/09/24 01:15					13.7	69	2.1	310	13
08/09/24 01:20					13.8	69	2.4	316	15
08/09/24 01:25					13.8	67	3.0	309	12
08/09/24 01:30					13.8	66	2.9	308	14
08/09/24 01:35					13.8	66	2.7	309	14
08/09/24 01:40					13.7	64	3.1	310	11
08/09/24 01:45					13.7	64	3.0	305	12
08/09/24 01:50					13.7	64	2.7	308	11
08/09/24 01:55					13.6	64	2.6	314	11
08/09/24 02:00					13.6	63	2.1	312	12
08/09/24 02:05	1	5	6	2	13.6	64	1.4	318	21
08/09/24 02:10	1	11	12	2	13.5	63	0.9	348	35
08/09/24 02:15	3	33	36	2	13.3	65	1.4	339	30
08/09/24 02:20	9	30	39	2	13.0	67	1.4	331	30
08/09/24 02:25	11	26	37	2	13.0	68	1.7	332	26
08/09/24 02:30	12	26	37	2	12.9	68	1.6	340	29
08/09/24 02:35	13	25	38	2	12.9	69	1.3	350	33
08/09/24 02:40	15	25	40	2	12.9	69	1.1	352	36
08/09/24 02:45	15	25	40	2	12.7	69	1.9	318	22
08/09/24 02:50	14	25	39	2	12.8	70	1.8	328	29
08/09/24 02:55	9	26	35	2	12.8	70	1.4	319	28
08/09/24 03:00	5	23	28	2	12.9	70	2.1	322	18
08/09/24 03:05	3	21	24	2	12.8	70	1.7	315	21
08/09/24 03:10	3	21	24	2	12.9	70	1.8	324	18
08/09/24 03:15	3	22	25	2	12.8	70	1.6	322	24
08/09/24 03:20	3	22	26	2	12.7	70	1.2	325	32
08/09/24 03:25	4	23	28	2	12.5	70	1.7	334	28
08/09/24 03:30	6	25	31	2	12.5	70	1.2	324	32
08/09/24 03:35	7	25	32	3	12.5	71	1.3	331	37
08/09/24 03:40	7	24	31	3	12.4	71	1.7	316	22
08/09/24 03:45	7	24	31	3	12.4	70	1.6	325	27
08/09/24 03:50	6	24	29	3	12.5	70	0.8	338	44
08/09/24 03:55	5	24	28	3	12.4	70	1.2	333	34
08/09/24 04:00	5	24	28	3	12.5	70	1.0	331	34

Station Pier Ambient Air Quality Monitoring
September 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 (°)
08/09/24 04:05	5	24	29	3	12.5	70	1.2	344	34
08/09/24 04:10	5	24	29	3	12.4	70	1.5	339	32
08/09/24 04:15	4	23	27	3	12.4	70	1.5	320	22
08/09/24 04:20	4	22	26	3	12.4	70	1.2	330	38
08/09/24 04:25	3	20	23	3	12.3	71	1.3	317	30
08/09/24 04:30	3	15	17	2	12.3	71	1.3	313	29
08/09/24 04:35	2	10	12	2	12.3	71	1.5	345	29
08/09/24 04:40	2	12	14	2	12.2	71	1.0	331	40
08/09/24 04:45	2	15	17	2	12.3	71	2.1	320	29
08/09/24 04:50	3	25	27	2	12.3	71	2.1	323	23
08/09/24 04:55	5	28	32	2	12.3	72	2.2	329	22
08/09/24 05:00	4	23	27	2	12.3	72	2.1	327	24
08/09/24 05:05	3	20	24	2	12.4	72	1.9	327	22
08/09/24 05:10	3	20	23	3	12.3	72	1.9	325	23
08/09/24 05:15	3	20	24	3	12.3	72	2.1	342	26
08/09/24 05:20	4	21	26	3	12.3	72	1.4	332	33
08/09/24 05:25	5	23	28	2	12.3	72	1.8	324	29
08/09/24 05:30	5	23	28	3	12.2	72	1.9	323	26
08/09/24 05:35	5	23	29	2	12.1	72	1.9	320	21
08/09/24 05:40	5	23	28	2	12.1	72	2.3	316	21
08/09/24 05:45	5	22	27	2	12.1	72	2.3	318	19
08/09/24 05:50	4	21	25	3	12.2	71	2.8	314	18
08/09/24 05:55	3	19	22	3	12.2	71	3.4	318	21
08/09/24 06:00	3	18	21	3	12.3	71	2.8	314	21
08/09/24 06:05	2	18	21	3	12.3	70	3.3	316	21
08/09/24 06:10	2	19	21	3	12.2	70	3.4	318	18
08/09/24 06:15	2	19	21	3	12.3	70	3.1	311	17
08/09/24 06:20	2	19	21	3	12.3	70	3.2	315	24
08/09/24 06:25	2	19	21	3	12.2	71	2.7	314	21
08/09/24 06:30	2	19	20	3	12.2	71	2.4	314	20
08/09/24 06:35	2	19	21	3	12.0	71	2.1	323	25
08/09/24 06:40	3	20	23	3	12.0	72	2.7	325	29
08/09/24 06:45	11	27	39	3	11.8	72	2.3	329	25
08/09/24 06:50	15	25	40	3	11.7	72	2.5	317	22
08/09/24 06:55	7	23	30	3	11.7	72	3.0	320	23
08/09/24 07:00	3	17	20	3	11.8	72	3.0	318	21
08/09/24 07:05	2	16	18	3	11.8	71	2.9	313	19
08/09/24 07:10	2	15	18	3	11.9	71	2.8	322	26
08/09/24 07:15	3	15	18	3	11.9	71	2.7	315	23
08/09/24 07:20	3	15	17	3	12.1	71	2.9	324	23
08/09/24 07:25	3	14	17	3	12.1	70	2.8	319	25
08/09/24 07:30	3	14	17	3	12.1	70	3.4	317	19
08/09/24 07:35	3	14	17	3	12.2	69	2.8	322	25
08/09/24 07:40	3	13	17	3	12.2	69	3.1	320	27
08/09/24 07:45	4	13	16	3	12.3	69	2.8	318	25
08/09/24 07:50	3	12	15	3	12.3	68	3.5	334	22
08/09/24 07:55	3	11	14	3	12.4	68	3.2	320	25
08/09/24 08:00	3	10	13	3	12.5	68	2.9	323	25
08/09/24 08:05	3	10	13	3	12.8	67	2.8	324	26
08/09/24 08:10	3	9	12	3	12.9	66	3.2	327	22
08/09/24 08:15	3	8	11	3	13.0	66	3.5	328	22
08/09/24 08:20	3	8	10	3	13.2	65	3.8	328	23
08/09/24 08:25	2	7	9	3	13.3	65	3.2	323	26
08/09/24 08:30	2	6	8	3	13.5	64	3.7	318	23
08/09/24 08:35	2	6	8	3	13.7	63	3.5	311	23
08/09/24 08:40	2	6	8	3	14.0	62	3.3	312	18
08/09/24 08:45	2	7	9	3	14.0	61	3.8	312	20
08/09/24 08:50	2	7	9	3	14.1	61	4.0	316	26
08/09/24 08:55	2	6	9	3	14.1	61	4.3	312	23
08/09/24 09:00	2	6	8	3	14.2	61	3.6	319	25
08/09/24 09:05	2	6	8	3	14.5	61	3.4	324	26
08/09/24 09:10	2	5	7	3	14.6	60	4.5	336	22
08/09/24 09:15	1	5	6	3	14.7	61	4.0	330	22
08/09/24 09:20	1	5	6	3	14.9	61	3.2	323	24
08/09/24 09:25	2	5	6	3	15.0	60	3.2	317	28
08/09/24 09:30	2	5	6	3	15.2	60	3.1	310	21
08/09/24 09:35	2	5	7	3	15.3	60	2.8	306	24
08/09/24 09:40	2	5	7	3	15.5	58	5.4	314	18
08/09/24 09:45	2	5	6	3	15.5	57	3.5	319	25
08/09/24 09:50	2	4	6	3	15.7	56	5.0	305	12
08/09/24 09:55	1	4	5	3	15.5	56	5.7	306	13
08/09/24 10:00	1	3	5	3	15.5	57	3.7	296	18
08/09/24 10:05	1	3	5	3	15.6	56	4.4	306	15
08/09/24 10:10	1	3	5	3	15.5	57	3.2	290	20
08/09/24 10:15	1	3	4	3	15.4	57	4.0	292	18
08/09/24 10:20	1	3	4	3	15.5	57	4.5	293	18
08/09/24 10:25	1	3	3	2	15.6	56	4.6	295	16
08/09/24 10:30	1	2	3	2	15.8	55	4.3	297	16
08/09/24 10:35	1	2	3	2	16.0	54	4.2	301	17
08/09/24 10:40	1	2	3	2	16.3	53	3.3	299	15
08/09/24 10:45	1	2	3	2	16.4	52	5.1	310	14
08/09/24 10:50	1	2	3	2	16.4	52	5.1	307	14
08/09/24 10:55	1	2	3	2	16.4	52	5.0	298	19
08/09/24 11:00	1	2	3	2	16.4	52	5.7	297	15
08/09/24 11:05	0	2	2	2	16.4	53	4.8	286	19
08/09/24 11:10	0	2	2	2	16.8	52	4.5	294	18

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
08/09/24 11:15	0	2	2	2	16.9	51	6.2	307	16
08/09/24 11:20	0	2	2	2	16.9	51	5.4	291	18
08/09/24 11:25	0	2	2	2	16.9	51	4.9	305	20
08/09/24 11:30	0	2	2	2	16.9	51	4.0	295	17
08/09/24 11:35	0	2	2	2	16.9	52	4.5	299	19
08/09/24 11:40	0	2	3	2	16.8	52	4.3	299	21
08/09/24 11:45	1	2	3	2	16.8	52	5.1	307	14
08/09/24 11:50	1	2	3	2	16.8	52	4.7	308	16
08/09/24 11:55	1	3	3	2	16.8	53	4.0	298	16
08/09/24 12:00	1	3	4	2	16.8	53	3.6	307	20
08/09/24 12:05	1	4	5	2	16.9	53	5.7	305	14
08/09/24 12:10	1	4	5	2	16.8	54	5.4	298	13
08/09/24 12:15	1	4	5	2	16.9	54	4.8	306	20
08/09/24 12:20	1	4	6	2	16.8	54	5.6	303	14
08/09/24 12:25	1	4	5	2	16.7	55	6.4	303	17
08/09/24 12:30	1	3	4	2	16.7	56	5.6	302	20
08/09/24 12:35	1	3	4	2	16.9	55	5.5	306	14
08/09/24 12:40	1	3	4	2	16.9	56	4.9	305	19
08/09/24 12:45	1	4	5	2	16.9	56	5.1	306	19
08/09/24 12:50	1	4	5	2	17.1	55	4.7	303	14
08/09/24 12:55	1	4	6	2	17.2	56	3.7	305	18
08/09/24 13:00	1	5	6	2	17.2	55	4.6	308	18
08/09/24 13:05	1	5	6	2	17.0	56	4.2	311	20
08/09/24 13:10	1	5	6	2	17.0	57	5.0	316	23
08/09/24 13:15	1	5	6	2	16.9	57	4.6	306	18
08/09/24 13:20	1	5	6	2	16.8	57	4.5	314	22
08/09/24 13:25	1	5	6	2	16.8	58	5.2	310	14
08/09/24 13:30	1	5	5	2	16.8	57	4.2	295	19
08/09/24 13:35	1	4	5	2	16.9	55	4.9	290	16
08/09/24 13:40	1	4	4	2	17.2	53	4.6	302	16
08/09/24 13:45	1	3	4	2	17.6	51	5.2	299	18
08/09/24 13:50	1	3	4	2	17.9	49	4.7	301	19
08/09/24 13:55	1	2	3	2	18.1	48	5.7	301	15
08/09/24 14:00	1	2	3	2	18.0	48	5.1	299	15
08/09/24 14:05	1	2	3	2	18.1	49	5.0	308	12
08/09/24 14:10	1	3	3	2	18.1	48	4.1	302	17
08/09/24 14:15	1	3	3	2	18.0	49	4.6	296	18
08/09/24 14:20	1	3	3	2	18.1	49	4.1	305	17
08/09/24 14:25	1	3	4	2	18.1	50	4.9	301	18
08/09/24 14:30	1	3	4	2	17.8	50	3.9	299	18
08/09/24 14:35	0	3	4	2	17.8	50	4.7	296	20
08/09/24 14:40	0	3	3	2	17.9	49	5.2	304	18
08/09/24 14:45	0	3	4	2	17.9	51	5.5	305	15
08/09/24 14:50	0	3	4	2	17.9	51	4.8	310	19
08/09/24 14:55	0	3	4	2	18.0	50	6.1	310	16
08/09/24 15:00	1	3	4	2	18.1	50	4.7	302	18
08/09/24 15:05	1	3	4	2	18.0	50	6.0	301	14
08/09/24 15:10	1	3	4	2	17.9	51	4.8	305	14
08/09/24 15:15	0	3	4	2	17.8	52	4.5	305	19
08/09/24 15:20	0	4	4	2	17.9	51	4.9	309	14
08/09/24 15:25	1	4	4	2	17.9	51	2.7	309	18
08/09/24 15:30	0	4	5	2	18.0	51	3.4	308	28
08/09/24 15:35	1	5	6	2	17.9	52	5.2	302	15
08/09/24 15:40	1	8	9	2	18.0	52	4.2	301	13
08/09/24 15:45	1	8	10	2	17.9	53	5.2	301	14
08/09/24 15:50	1	5	6	2	17.8	53	5.3	303	14
08/09/24 15:55	1	3	3	2	17.9	53	5.3	295	15
08/09/24 16:00	1	3	3	2	17.8	55	4.9	298	17
08/09/24 16:05	0	3	4	2	17.6	57	5.8	292	13
08/09/24 16:10	0	3	3	2	17.7	56	4.5	291	15
08/09/24 16:15	0	3	3	2	17.8	55	4.7	286	14
08/09/24 16:20	0	3	3	2	17.9	55	4.1	291	19
08/09/24 16:25	0	3	3	2	18.0	54	4.6	295	13
08/09/24 16:30	0	3	3	2	17.7	57	4.5	296	15
08/09/24 16:35	0	3	3	2	17.6	58	4.3	297	18
08/09/24 16:40	0	3	3	2	17.5	59	4.4	306	21
08/09/24 16:45	0	4	4	2	17.4	60	3.6	293	11
08/09/24 16:50	0	4	5	2	17.3	61	3.8	294	16
08/09/24 16:55	0	4	5	2	17.2	62	3.6	293	12
08/09/24 17:00	0	5	5	2	16.9	63	2.9	303	16
08/09/24 17:05	1	6	7	2	16.9	64	3.7	298	14
08/09/24 17:10	1	6	7	2	16.7	65	2.7	288	15
08/09/24 17:15	0	6	7	2	16.6	66	4.0	281	13
08/09/24 17:20	0	6	7	2	16.3	69	5.7	279	10
08/09/24 17:25	0	7	7	2	15.8	74	6.9	277	11
08/09/24 17:30	0	7	7	2	15.5	78	6.7	272	12
08/09/24 17:35	0	6	7	2	14.8	83	7.4	259	12
08/09/24 17:40	1	7	8	2	14.3	87	7.2	254	12
08/09/24 17:45	1	7	8	2	14.1	88	7.4	268	10
08/09/24 17:50	0	7	7	2	14.1	88	6.5	278	13
08/09/24 17:55	0	6	6	2	14.3	84	6.7	286	14
08/09/24 18:00	0	6	7	2	14.7	79	7.5	289	13
08/09/24 18:05	0	7	8	2	14.9	78	6.3	280	14
08/09/24 18:10	0	7	7	2	15.0	78	9.0	274	10
08/09/24 18:15	0	6	6	2	15.0	79	7.0	282	11
08/09/24 18:20	0	6	7	2	14.7	82	4.7	288	14

Station Pier Ambient Air Quality Monitoring

September 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 (°)
08/09/24 18:25	0	5	6	2	14.6	83	3.6	295	14
08/09/24 18:30	0	5	5	2	14.6	84	3.4	307	14
08/09/24 18:35	0	5	5	2	14.6	83	3.4	300	13
08/09/24 18:40	0	5	5	2	14.8	82	3.7	298	13
08/09/24 18:45	0	5	6	2	15.0	81	3.4	299	13
08/09/24 18:50	0	6	6	2	15.0	79	4.3	313	10
08/09/24 18:55	0	6	6	2	15.1	79	4.1	309	13
08/09/24 19:00	0	6	6	2	15.1	78	3.4	305	14
08/09/24 19:05	0	7	7	2	15.3	78	3.6	309	15
08/09/24 19:10	0	9	9	2	15.2	77	3.3	305	14
08/09/24 19:15	0	10	11	2	15.2	77	3.8	303	13
08/09/24 19:20	0	10	10	2	15.3	76	4.1	303	14
08/09/24 19:25	0	8	8	2	15.4	76	3.5	303	16
08/09/24 19:30	0	7	7	2	15.4	75	4.3	299	17
08/09/24 19:35	0	7	7	2	15.5	75	3.8	288	18
08/09/24 19:40	0	6	6	2	15.5	75	4.3	286	16
08/09/24 19:45	0	6	6	2	15.1	77	5.0	281	16
08/09/24 19:50	0	7	7	2	14.8	79	4.0	288	14
08/09/24 19:55	0	9	9	2	14.7	81	4.2	288	14
08/09/24 20:00	1	15	16	2	14.7	80	3.6	289	12
08/09/24 20:05	1	15	16	2	14.7	79	3.6	288	12
08/09/24 20:10	1	7	7	2	14.8	78	3.4	294	14
08/09/24 20:15	1	5	6	2	14.9	77	3.5	294	12
08/09/24 20:20	0	4	5	2	15.0	77	3.0	293	14
08/09/24 20:25	0	4	4	2	14.9	77	3.0	292	19
08/09/24 20:30	0	4	4	2	15.0	77	3.4	304	12
08/09/24 20:35	0	5	5	2	15.0	77	3.4	311	13
08/09/24 20:40	0	6	6	2	14.9	77	2.7	303	16
08/09/24 20:45	0	6	7	2	15.0	78	2.8	305	20
08/09/24 20:50	0	7	7	2	15.0	77	2.9	307	16
08/09/24 20:55	0	7	7	2	15.1	75	3.1	298	15
08/09/24 21:00	0	7	7	2	15.3	74	2.4	288	18
08/09/24 21:05	0	6	6	2	15.4	72	3.2	291	15
08/09/24 21:10	0	5	6	2	15.6	71	3.9	295	16
08/09/24 21:15	0	5	5	2	15.7	69	4.4	291	16
08/09/24 21:20	0	4	5	2	15.8	70	3.6	294	17
08/09/24 21:25	0	4	4	2	15.7	70	3.6	296	13
08/09/24 21:30	0	4	4	2	15.7	69	4.3	292	14
08/09/24 21:35	0	4	4	2	15.6	68	4.4	290	16
08/09/24 21:40	0	4	4	2	15.6	68	3.9	291	13
08/09/24 21:45	0	5	5	2	15.6	68	4.1	289	13
08/09/24 21:50	0	7	7	2	15.5	69	3.8	284	15
08/09/24 21:55	0	8	8	2	15.4	69	4.8	280	13
08/09/24 22:00	0	8	8	2	15.4	68	6.2	271	12
08/09/24 22:05	0	7	7	2	15.3	66	8.7	264	6
08/09/24 22:10	0	7	7	2	15.2	66	7.2	268	5
08/09/24 22:15	0	7	7	2	15.1	67	4.5	275	11
08/09/24 22:20	0	7	7	2	14.9	69	3.7	287	14
08/09/24 22:25	0	6	6	2	14.8	69	4.5	280	11
08/09/24 22:30	0	6	6	2	14.8	70	4.8	282	14
08/09/24 22:35	0	6	7	2	14.8	69	5.0	286	16
08/09/24 22:40	0	6	6	2	14.6	65	5.4	280	11
08/09/24 22:45	0	5	5	2	14.5	65	5.0	280	14
08/09/24 22:50	0	4	4	2	14.4	66	4.3	281	16
08/09/24 22:55	0	4	4	2	14.2	67	2.7	289	14
08/09/24 23:00	0	5	5	2	14.2	69	2.8	292	14
08/09/24 23:05	0	4	4	2	14.1	70	3.5	287	11
08/09/24 23:10	0	4	4	2	14.0	70	3.8	289	14
08/09/24 23:15	0	6	6	2	13.9	69	3.6	284	16
08/09/24 23:20	0	9	9	2	13.8	69	3.4	289	15
08/09/24 23:25	0	10	10	2	13.7	69	4.1	288	11
08/09/24 23:30	0	10	10	2	13.8	68	4.0	290	14
08/09/24 23:35	0	7	7	2	13.6	68	3.9	290	11
08/09/24 23:40	0	5	6	2	13.7	68	4.2	289	13
08/09/24 23:45	0	4	5	2	13.7	68	4.7	290	12
08/09/24 23:50	0	5	5		13.7	67	4.2	293	11
08/09/24 23:55	0	7	7		13.7	67	3.2	292	13
09/09/24 00:00	0	7	7	2	13.7	66	3.1	296	13
09/09/24 00:05	0	5	5	2	13.7	67	2.3	288	19
09/09/24 00:10	0	4	4	2	13.6	67	2.2	300	15
09/09/24 00:15	0	4	4	2	13.6	66	2.6	309	14
09/09/24 00:20	0	4	4	2	13.7	66	2.6	309	14
09/09/24 00:25	0	5	5	2	13.6	67	3.1	310	9
09/09/24 00:30	0	6	6	2	13.6	67	2.9	308	11
09/09/24 00:35	0	7	7	2	13.5	68	2.9	309	14
09/09/24 00:40	0	7	7	2	13.5	68	2.8	309	18
09/09/24 00:45	0	7	7	2	13.6	67	3.4	308	9
09/09/24 00:50	0	7	7	2	13.6	67	3.0	308	13
09/09/24 00:55	0	8	8	2	13.7	66	3.0	306	13
09/09/24 01:00	0	8	8	2	13.8	65	3.2	309	14
09/09/24 01:05					13.8	66	2.3	302	15
09/09/24 01:10					13.8	66	2.4	303	18
09/09/24 01:15					13.8	65	3.0	310	13
09/09/24 01:20					13.9	64	3.2	310	13
09/09/24 01:25					13.9	63	3.2	310	14
09/09/24 01:30					14.0	63	2.6	310	16

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
09/09/24 01:35					14.0	62	1.6	326	25
09/09/24 01:40					14.0	62	2.1	316	19
09/09/24 01:45					14.1	61	2.0	323	22
09/09/24 01:50					14.0	63	1.6	326	23
09/09/24 01:55					13.6	64	1.7	312	22
09/09/24 02:00					13.6	65	2.2	324	22
09/09/24 02:05	0	14	14	2	13.6	67	3.5	303	32
09/09/24 02:10	0	6	6	2	13.8	66	2.3	297	17
09/09/24 02:15	0	9	10	2	13.8	64	2.9	311	12
09/09/24 02:20	0	16	16	2	13.9	64	3.0	306	12
09/09/24 02:25	0	16	16	2	13.9	64	2.1	298	19
09/09/24 02:30	0	8	8	2	13.9	65	2.8	293	19
09/09/24 02:35	0	5	5	2	13.9	65	2.7	288	16
09/09/24 02:40	0	4	4	2	13.9	66	3.4	285	14
09/09/24 02:45	0	3	3	2	13.8	66	3.5	292	12
09/09/24 02:50	0	3	3	2	13.7	67	3.2	287	14
09/09/24 02:55	0	7	7	2	13.6	68	3.0	288	15
09/09/24 03:00	0	10	10	2	13.7	67	2.6	294	15
09/09/24 03:05	0	5	5	2	13.6	67	2.5	293	17
09/09/24 03:10	0	3	3	2	13.6	67	2.2	293	16
09/09/24 03:15	0	3	3	2	13.6	67	2.4	300	19
09/09/24 03:20	0	3	4	2	13.6	67	2.4	299	17
09/09/24 03:25	0	4	4	2	13.5	67	2.5	303	16
09/09/24 03:30	0	5	5	2	13.5	68	2.4	294	16
09/09/24 03:35	0	5	5	2	13.5	68	2.9	291	14
09/09/24 03:40	0	4	5	2	13.5	69	2.9	291	14
09/09/24 03:45	0	4	4	2	13.5	69	2.1	301	15
09/09/24 03:50	0	4	4	2	13.5	69	3.2	310	14
09/09/24 03:55	0	4	4	2	13.5	70	3.3	305	15
09/09/24 04:00	0	4	5	2	13.6	70	2.9	282	16
09/09/24 04:05	0	4	4	2	13.5	70	2.4	289	16
09/09/24 04:10	0	4	4	2	13.5	70	3.3	290	14
09/09/24 04:15	0	4	4	2	13.6	69	3.9	291	15
09/09/24 04:20	0	5	5	2	13.7	69	3.6	293	14
09/09/24 04:25	0	6	6	2	13.6	69	4.2	283	16
09/09/24 04:30	0	7	7	2	13.7	69	3.9	288	14
09/09/24 04:35	0	7	8	2	13.4	69	4.9	287	12
09/09/24 04:40	0	8	8	2	13.4	69	4.5	284	13
09/09/24 04:45	0	9	9	2	13.2	71	4.6	283	13
09/09/24 04:50	0	11	11	2	13.1	71	3.8	284	14
09/09/24 04:55	0	12	12	2	13.0	71	4.4	280	13
09/09/24 05:00	0	10	10	2	12.9	72	4.9	274	9
09/09/24 05:05	0	7	7	2	13.0	71	6.2	271	8
09/09/24 05:10	0	6	6	2	13.0	71	6.2	268	7
09/09/24 05:15	0	6	6	2	13.0	70	5.0	268	12
09/09/24 05:20	0	6	6	2	13.0	71	5.0	275	14
09/09/24 05:25	0	7	7	2	12.9	72	5.2	271	11
09/09/24 05:30	0	10	11	2	12.9	72	5.3	270	9
09/09/24 05:35	0	12	12	2	12.8	72	3.5	281	13
09/09/24 05:40	0	10	11	2	12.7	73	4.2	279	14
09/09/24 05:45	0	9	10	2	12.6	73	5.0	281	12
09/09/24 05:50	0	11	12	2	12.5	73	4.3	288	15
09/09/24 05:55	1	22	23	2	12.5	73	4.4	285	14
09/09/24 06:00	2	31	33	2	12.3	73	3.6	291	13
09/09/24 06:05	3	30	33	2	12.2	74	3.3	292	12
09/09/24 06:10	2	23	25	2	12.1	73	3.3	290	15
09/09/24 06:15	2	19	21	2	12.0	73	3.7	293	14
09/09/24 06:20	2	19	21	2	11.9	73	3.3	291	12
09/09/24 06:25	1	18	19	2	11.9	74	2.9	295	14
09/09/24 06:30	1	15	16	2	11.9	74	2.8	298	12
09/09/24 06:35	1	15	16	1	11.7	74	2.9	306	12
09/09/24 06:40	1	16	17	1	11.7	74	2.8	307	11
09/09/24 06:45	1	17	18	1	11.6	74	3.2	302	11
09/09/24 06:50	1	18	19	1	11.6	73	2.5	312	17
09/09/24 06:55	2	20	22	2	11.7	73	1.8	326	23
09/09/24 07:00	3	23	26	2	11.7	73	2.4	312	17
09/09/24 07:05	3	23	27	2	11.8	72	2.9	308	12
09/09/24 07:10	4	23	27	2	11.9	70	2.9	306	10
09/09/24 07:15	5	24	29	2	12.0	70	3.0	306	11
09/09/24 07:20	6	26	32	2	12.0	69	2.5	307	12
09/09/24 07:25	10	27	37	2	12.2	68	2.9	303	14
09/09/24 07:30	11	26	37	2	12.3	68	2.3	295	14
09/09/24 07:35	12	25	37	2	12.3	67	2.7	309	17
09/09/24 07:40	12	24	36	2	12.4	66	3.0	305	14
09/09/24 07:45	11	21	32	2	12.5	65	3.1	314	12
09/09/24 07:50	10	21	32	2	12.6	65	2.8	313	15
09/09/24 07:55	11	22	33	2	12.8	65	2.1	298	16
09/09/24 08:00	11	22	33	2	13.0	65	1.8	292	20
09/09/24 08:05	11	23	34	2	13.1	64	2.5	309	16
09/09/24 08:10	11	22	33	2	13.1	63	2.4	308	22
09/09/24 08:15	11	21	32	2	13.1	63	2.1	307	15
09/09/24 08:20	10	20	31	2	13.3	62	1.8	310	19
09/09/24 08:25	10	17	26	2	13.3	62	1.9	320	26
09/09/24 08:30	9	14	24	2	13.5	61	2.3	309	14
09/09/24 08:35	9	17	26	2	13.7	61	1.8	301	27
09/09/24 08:40	9	17	26	2	13.8	60	2.6	294	14

Station Pier Ambient Air Quality Monitoring

September 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 (°)
09/09/24 08:45	9	14	23	2	13.9	60	3.7	283	13
09/09/24 08:50	7	11	19	2	13.9	60	2.5	298	16
09/09/24 08:55	7	11	18	2	14.1	60	4.5	286	15
09/09/24 09:00	6	10	16	2	14.0	61	4.1	286	14
09/09/24 09:05	5	10	15	2	14.0	61	4.4	277	13
09/09/24 09:10	5	11	16	2	14.0	60	4.1	289	13
09/09/24 09:15	4	12	16	2	14.0	61	4.6	282	13
09/09/24 09:20	4	12	16	2	13.9	63	3.1	279	19
09/09/24 09:25	4	13	17	2	13.9	63	5.0	277	14
09/09/24 09:30	4	12	15	2	14.1	64	8.0	269	11
09/09/24 09:35	3	7	10	2	13.6	70	9.9	263	6
09/09/24 09:40	2	5	7	2	13.2	72	7.9	257	7
09/09/24 09:45	2	5	7	2	13.5	70	5.9	268	10
09/09/24 09:50	2	6	8	2	13.7	68	6.3	267	7
09/09/24 09:55	2	6	8	2	13.9	68	6.2	258	7
09/09/24 10:00	2	7	9	2	13.9	68	6.2	253	9
09/09/24 10:05	2	6	8	2	14.0	69	6.8	255	6
09/09/24 10:10	2	7	9	2	14.0	69	6.0	262	8
09/09/24 10:15	2	8	9	2	14.1	68	7.6	268	6
09/09/24 10:20	2	7	9	2	14.2	68	5.5	274	12
09/09/24 10:25	2	7	9	2	14.3	67	5.4	271	11
09/09/24 10:30	2	7	9	2	14.4	67	5.7	280	13
09/09/24 10:35	2	7	9	2	14.5	66	5.8	281	14
09/09/24 10:40	2	7	8	2	14.6	65	5.3	279	13
09/09/24 10:45	2	7	9	2	14.6	65	5.2	282	14
09/09/24 10:50	2	7	9	2	14.6	65	7.3	267	7
09/09/24 10:55	2	7	9	2	14.8	63	5.3	284	13
09/09/24 11:00	2	7	9	2	14.9	62	4.9	274	13
09/09/24 11:05	2	6	8	2	15.0	61	6.4	268	7
09/09/24 11:10	2	6	8	2	14.9	61	5.6	270	12
09/09/24 11:15	2	6	7	2	15.0	61	4.8	277	14
09/09/24 11:20	2	5	7	2	15.1	60	6.2	269	20
09/09/24 11:25	1	5	7	2	15.1	61	6.7	264	8
09/09/24 11:30	2	5	7	2	15.2	60	5.6	275	14
09/09/24 11:35	1	5	7	2	15.3	60	5.8	273	17
09/09/24 11:40	1	5	7	2	15.4	60	6.7	273	11
09/09/24 11:45	1	5	6	2	15.4	60	7.6	267	6
09/09/24 11:50	1	5	6	2	15.3	63	7.5	250	12
09/09/24 11:55	1	5	7	2	15.0	65	6.7	246	8
09/09/24 12:00	1	5	6	2	14.9	65	7.1	241	5
09/09/24 12:05	1	5	6	2	15.0	65	5.5	250	14
09/09/24 12:10	1	5	6	2	15.1	64	5.0	256	6
09/09/24 12:15	1	5	7	2	15.3	63	5.5	246	11
09/09/24 12:20	2	6	7	2	15.3	64	5.6	255	8
09/09/24 12:25	2	6	8	2	15.4	63	5.6	256	8
09/09/24 12:30	2	6	8	2	15.5	62	4.7	260	9
09/09/24 12:35	2	7	9	2	15.7	59	5.4	268	17
09/09/24 12:40	2	6	8	2	15.8	54	9.8	269	6
09/09/24 12:45	2	6	7	2	15.8	53	5.7	275	10
09/09/24 12:50	2	7	9	2	16.0	53	4.4	271	16
09/09/24 12:55	3	11	14	2	15.8	60	5.4	254	12
09/09/24 13:00	2	7	9	2	15.7	62	6.6	256	8
09/09/24 13:05	2	7	9	2	15.7	60	5.9	262	11
09/09/24 13:10	2	6	9	2	15.9	57	4.7	275	8
09/09/24 13:15	2	6	8	2	16.0	55	5.9	267	11
09/09/24 13:20	2	6	8	2	16.0	52	7.2	265	8
09/09/24 13:25	2	6	8	2	16.0	53	5.6	273	11
09/09/24 13:30	2	5	6	2	16.1	52	6.7	272	7
09/09/24 13:35	1	5	6	2	16.2	52	8.1	265	6
09/09/24 13:40	1	5	6	2	16.1	54	7.4	271	7
09/09/24 13:45	1	4	6	2	16.0	55	5.4	271	15
09/09/24 13:50	1	5	7	2	16.0	57	7.2	251	9
09/09/24 13:55	2	5	7	2	15.8	58	8.0	255	7
09/09/24 14:00	1	5	7	2	15.9	55	9.0	263	7
09/09/24 14:05	1	5	6	2	16.0	54	6.4	267	10
09/09/24 14:10	1	5	6	2	16.2	52	6.5	278	11
09/09/24 14:15	1	4	6	2	16.2	52	6.2	274	14
09/09/24 14:20	1	4	6	2	16.3	51	5.1	277	10
09/09/24 14:25	1	5	6	2	16.5	51	4.9	277	13
09/09/24 14:30	2	6	7	2	16.6	52	5.1	279	15
09/09/24 14:35	2	6	7	2	16.5	52	7.5	269	6
09/09/24 14:40	2	6	8	2	16.3	54	6.4	264	6
09/09/24 14:45	2	6	8	2	16.4	52	6.0	270	19
09/09/24 14:50	2	6	8	2	16.6	51	5.6	280	12
09/09/24 14:55	1	6	7	2	16.4	53	7.1	267	8
09/09/24 15:00	1	7	8	2	16.4	53	6.8	273	12
09/09/24 15:05	1	5	7	2	16.4	53	5.9	271	10
09/09/24 15:10	1	5	7	2	16.6	53	5.6	268	9
09/09/24 15:15	2	7	8	2	16.9	52	4.5	278	14
09/09/24 15:20	2	6	7	2	17.0	51	5.4	277	12
09/09/24 15:25	1	5	6	2	16.9	51	6.3	273	8
09/09/24 15:30	1	5	6	2	16.6	53	6.8	260	6
09/09/24 15:35	1	5	6	2	16.6	52	6.0	273	14
09/09/24 15:40	1	6	7	2	16.8	52	5.7	275	13
09/09/24 15:45	1	6	7	2	16.7	53	6.8	263	11
09/09/24 15:50	1	6	7	2	16.7	53	7.2	269	6

Station Pier Ambient Air Quality Monitoring

September 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 (°)
09/09/24 15:55	1	6	8	2	16.8	53	7.5	268	6
09/09/24 16:00	1	7	8	2	16.7	54	6.3	253	8
09/09/24 16:05	1	6	7	2	16.1	64	5.4	222	12
09/09/24 16:10	1	4	4	2	15.2	73	6.1	230	6
09/09/24 16:15	1	1	2	2	15.2	72	7.0	237	5
09/09/24 16:20	1	2	2	2	15.5	70	6.9	242	6
09/09/24 16:25	1	2	3	2	15.8	68	6.5	240	6
09/09/24 16:30	1	3	4	2	15.8	68	4.9	246	11
09/09/24 16:35	1	5	6	2	16.1	65	3.6	251	7
09/09/24 16:40	2	10	12	2	16.3	64	4.5	257	7
09/09/24 16:45	2	13	15	2	16.4	61	3.8	269	12
09/09/24 16:50	2	10	12	2	16.4	60	5.4	263	7
09/09/24 16:55	2	8	10	2	16.5	58	6.4	258	8
09/09/24 17:00	2	8	10	2	16.6	58	4.8	272	9
09/09/24 17:05	2	8	9	2	16.6	57	5.1	275	11
09/09/24 17:10	1	7	9	2	16.7	56	6.2	267	13
09/09/24 17:15	1	8	9	2	16.7	55	7.8	261	10
09/09/24 17:20	1	8	9	2	16.6	55	8.9	251	10
09/09/24 17:25	1	9	11	2	16.5	57	8.4	260	5
09/09/24 17:30	1	10	12	2	16.5	57	7.4	253	12
09/09/24 17:35	1	5	6	2	16.1	65	6.4	233	4
09/09/24 17:40	1	2	2	2	15.6	69	6.4	226	7
09/09/24 17:45	1	2	2	2	15.2	74	5.8	221	4
09/09/24 17:50	0	2	3	2	14.9	75	6.5	223	5
09/09/24 17:55	1	3	4	2	14.8	77	5.4	226	4
09/09/24 18:00	0	2	2	2	14.6	78	4.7	229	4
09/09/24 18:05	0	2	2	2	14.6	77	4.7	235	5
09/09/24 18:10	0	2	2	2	14.9	73	4.8	237	3
09/09/24 18:15	0	2	3	2	14.9	71	4.9	240	6
09/09/24 18:20	0	3	3	2	15.0	70	4.7	242	6
09/09/24 18:25	0	3	3	2	15.0	72	4.1	238	6
09/09/24 18:30	0	3	3	2	14.9	72	4.4	239	4
09/09/24 18:35	0	3	3	2	14.8	72	4.7	238	4
09/09/24 18:40	0	3	3	2	14.7	71	4.3	237	6
09/09/24 18:45	0	3	3	2	14.8	72	3.9	234	4
09/09/24 18:50	0	3	3	2	14.7	72	3.4	235	5
09/09/24 18:55	0	4	4	2	14.7	71	3.5	235	6
09/09/24 19:00	0	5	5	2	14.7	72	3.8	238	5
09/09/24 19:05	0	5	5	2	14.8	71	4.1	236	4
09/09/24 19:10	0	5	5	2	14.6	71	4.2	239	5
09/09/24 19:15	0	5	5	2	14.7	71	4.1	239	6
09/09/24 19:20	0	5	5	2	14.6	72	4.0	236	5
09/09/24 19:25	0	5	5	2	14.7	71	3.6	239	7
09/09/24 19:30	0	6	6	2	14.6	71	3.9	238	5
09/09/24 19:35	0	6	6	2	14.6	72	3.8	241	5
09/09/24 19:40	0	6	7	2	14.5	72	3.4	246	6
09/09/24 19:45	1	17	18	2	14.6	71	3.3	252	8
09/09/24 19:50	2	34	36	2	14.6	71	2.7	257	7
09/09/24 19:55	3	33	36	2	14.5	71	3.2	260	6
09/09/24 20:00	3	27	30	2	14.5	71	3.4	263	4
09/09/24 20:05	3	25	28	2	14.5	72	3.3	264	4
09/09/24 20:10	3	24	27	2	14.5	71	3.2	263	6
09/09/24 20:15	3	24	27	2	14.5	71	3.0	270	6
09/09/24 20:20	2	22	25	2	14.4	72	2.2	270	10
09/09/24 20:25	2	20	22	2	14.3	72	2.0	271	8
09/09/24 20:30	1	21	22	2	14.2	73	2.5	265	6
09/09/24 20:35	1	21	22	2	14.1	73	2.2	265	6
09/09/24 20:40	1	21	22	2	14.1	74	1.5	280	12
09/09/24 20:45	1	21	22	2	14.0	74	1.5	286	11
09/09/24 20:50	1	21	22	2	13.8	74	1.7	280	12
09/09/24 20:55	1	20	21	2	13.8	73	1.4	282	14
09/09/24 21:00	1	19	19	2	13.8	73	1.4	281	13
09/09/24 21:05	0	18	18	2	13.7	72	1.7	277	13
09/09/24 21:10	0	18	18	2	13.8	72	1.9	277	11
09/09/24 21:15	0	19	19	2	13.8	73	1.6	286	14
09/09/24 21:20	0	20	20	2	13.6	73	2.0	291	12
09/09/24 21:25	0	20	20	2	13.7	71	1.8	302	12
09/09/24 21:30	0	20	21	2	13.7	70	1.7	314	9
09/09/24 21:35	0	22	22	2	13.7	70	2.1	304	10
09/09/24 21:40	1	23	24	2	13.6	70	2.0	306	7
09/09/24 21:45	2	25	27	2	13.6	71	2.4	304	12
09/09/24 21:50	1	23	25	2	13.6	71	1.7	302	12
09/09/24 21:55	1	24	25	2	13.5	71	1.9	311	11
09/09/24 22:00	2	25	27	2	13.5	72	2.0	309	9
09/09/24 22:05	2	27	29	2	13.5	72	2.2	313	12
09/09/24 22:10	3	27	30	2	13.6	71	2.7	312	10
09/09/24 22:15	3	27	30	2	13.5	71	2.2	315	11
09/09/24 22:20	3	27	30	2	13.5	71	2.7	310	10
09/09/24 22:25	3	27	30	2	13.5	71	1.8	322	15
09/09/24 22:30	2	26	28	2	13.5	71	2.0	316	16
09/09/24 22:35	2	25	27	2	13.4	70	2.5	316	11
09/09/24 22:40	2	24	25	2	13.3	70	2.6	310	9
09/09/24 22:45	1	23	24	2	13.3	70	2.7	310	8
09/09/24 22:50	1	22	23	2	13.3	69	2.8	313	10
09/09/24 22:55	1	21	22	3	13.3	69	2.2	315	13
09/09/24 23:00	1	21	22	2	13.2	69	2.3	322	13

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
09/09/24 23:05	1	20	21	2	13.2	69	2.2	318	15
09/09/24 23:10	1	19	20	2	13.1	69	2.4	312	14
09/09/24 23:15	1	18	19	2	13.2	68	2.8	308	18
09/09/24 23:20	1	16	17	2	13.2	68	3.2	304	10
09/09/24 23:25	0	15	16	2	13.3	68	2.6	306	11
09/09/24 23:30	1	15	16	2	13.3	68	2.6	309	14
09/09/24 23:35	1	15	16	2	13.1	68	2.9	310	10
09/09/24 23:40	0	15	16	2	13.1	69	2.9	306	11
09/09/24 23:45	0	16	16	2	13.0	69	2.6	313	10
09/09/24 23:50	0	16	17		13.0	69	2.1	317	17
09/09/24 23:55	0	17	17		12.9	69	2.3	312	13
10/09/24 00:00	0	17	17	2	12.9	69	2.9	311	11
10/09/24 00:05	0	16	17	2	12.8	69	3.0	315	9
10/09/24 00:10	0	16	16	2	12.8	69	3.3	313	7
10/09/24 00:15	0	15	15	2	12.8	69	3.0	316	10
10/09/24 00:20	0	14	15	2	12.7	70	2.7	319	11
10/09/24 00:25	0	14	15	1	12.6	70	2.0	318	12
10/09/24 00:30	0	15	15	1	12.5	70	2.7	313	12
10/09/24 00:35	0	15	15	1	12.6	70	2.9	316	11
10/09/24 00:40	0	15	15	1	12.5	70	2.9	312	9
10/09/24 00:45	0	15	15	1	12.6	71	2.8	306	10
10/09/24 00:50	0	14	15	1	12.6	70	3.2	305	10
10/09/24 00:55	0	14	14	1	12.6	70	2.4	310	12
10/09/24 01:00	0	14	14	1	12.5	70	2.5	313	9
10/09/24 01:05					12.3	71	2.8	312	9
10/09/24 01:10					12.3	71	2.9	315	11
10/09/24 01:15					12.3	70	3.0	312	9
10/09/24 01:20					12.3	70	3.0	314	9
10/09/24 01:25					12.4	70	2.8	314	7
10/09/24 01:30					12.3	70	2.6	314	7
10/09/24 01:35					12.4	70	2.8	313	10
10/09/24 01:40					12.4	70	2.7	315	10
10/09/24 01:45					12.3	70	2.4	320	12
10/09/24 01:50					12.2	70	2.4	313	11
10/09/24 01:55					12.2	70	2.7	315	9
10/09/24 02:00					12.1	70	2.4	318	10
10/09/24 02:05	0	15	15	1	12.2	70	2.0	321	16
10/09/24 02:10	0	14	15	1	12.2	71	1.4	335	24
10/09/24 02:15	1	19	20	1	12.0	71	1.5	328	22
10/09/24 02:20	2	30	33	1	11.8	72	1.6	327	12
10/09/24 02:25	6	29	35	1	11.7	72	1.2	345	19
10/09/24 02:30	12	28	40	1	11.7	73	1.7	337	21
10/09/24 02:35	9	26	35	1	11.8	72	1.7	332	16
10/09/24 02:40	8	27	35	1	11.7	72	1.8	357	20
10/09/24 02:45	14	30	44	1	11.6	73	2.0	352	19
10/09/24 02:50	15	30	46	1	11.4	73	1.7	347	18
10/09/24 02:55	17	30	47	1	11.4	73	1.5	347	26
10/09/24 03:00	15	31	47	1	11.4	73	1.6	350	24
10/09/24 03:05	22	25	47	1	11.3	73	1.8	354	21
10/09/24 03:10	27	26	53	1	11.3	73	1.4	355	30
10/09/24 03:15	15	32	47	1	11.2	73	1.5	342	27
10/09/24 03:20	9	29	38	1	11.2	73	1.7	353	23
10/09/24 03:25	9	29	38	1	11.2	74	1.6	359	18
10/09/24 03:30	8	28	36	2	11.1	74	1.8	357	16
10/09/24 03:35	6	22	28	2	11.1	74	1.5	349	24
10/09/24 03:40	3	21	24	1	11.1	74	2.1	334	16
10/09/24 03:45	4	25	29	1	11.1	73	2.2	339	14
10/09/24 03:50	6	27	33	1	11.1	73	2.4	327	14
10/09/24 03:55	7	27	34	1	11.1	73	1.8	328	17
10/09/24 04:00	8	28	35	2	11.1	74	1.9	333	20
10/09/24 04:05	7	27	35	2	10.9	74	1.6	335	18
10/09/24 04:10	6	27	33	1	10.9	75	1.5	348	22
10/09/24 04:15	7	26	33	1	10.8	75	1.8	358	26
10/09/24 04:20	28	22	50	1	10.6	75	1.5	349	24
10/09/24 04:25	26	26	52	2	10.5	75	1.7	358	17
10/09/24 04:30	31	29	60	2	10.4	76	1.7	354	27
10/09/24 04:35	43	28	71	2	10.4	77	1.9	346	23
10/09/24 04:40	26	27	52	2	10.3	77	1.8	339	25
10/09/24 04:45	13	27	41	2	10.3	77	1.9	335	20
10/09/24 04:50	10	25	35	2	10.3	77	2.0	343	23
10/09/24 04:55	6	23	28	2	10.3	77	2.1	354	18
10/09/24 05:00	4	24	28	2	10.2	77	2.2	350	19
10/09/24 05:05	4	23	28	2	10.2	77	1.7	329	24
10/09/24 05:10	4	23	27	1	10.2	77	1.8	344	23
10/09/24 05:15	4	23	26	2	10.2	78	1.1	351	32
10/09/24 05:20	4	23	27	2	10.1	78	2.0	347	21
10/09/24 05:25	5	24	29	2	10.1	78	1.6	341	28
10/09/24 05:30	7	25	32	2	10.1	78	1.5	359	21
10/09/24 05:35	17	27	44	2	10.0	78	1.9	360	16
10/09/24 05:40	21	27	48	2	10.0	78	2.3	357	18
10/09/24 05:45	16	27	42	1	10.1	78	1.5	346	22
10/09/24 05:50	14	27	40	1	10.2	77	1.7	350	25
10/09/24 05:55	14	26	41	1	10.3	76	2.0	358	22
10/09/24 06:00	15	27	41	1	10.2	76	1.9	356	20
10/09/24 06:05	16	27	44	1	10.2	77	1.5	353	26
10/09/24 06:10	32	29	61	1	10.1	77	1.7	356	18

Station Pier Ambient Air Quality Monitoring

September 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 (°)
10/09/24 06:15	38	30	68	1	10.1	77	1.9	358	14
10/09/24 06:20	43	31	74	1	10.2	77	1.7	357	19
10/09/24 06:25	51	31	82	1	10.1	77	1.8	357	25
10/09/24 06:30	49	34	84	1	10.2	77	1.8	358	13
10/09/24 06:35	45	33	78	1	10.0	77	2.1	0	12
10/09/24 06:40	32	30	62	1	10.1	77	1.9	350	20
10/09/24 06:45	33	29	62	1	10.2	77	1.7	346	21
10/09/24 06:50	35	30	65	1	10.2	77	1.3	340	26
10/09/24 06:55	40	30	70	1	10.2	77	1.6	346	24
10/09/24 07:00	34	30	64	1	10.3	77	2.2	1	15
10/09/24 07:05	29	32	61	1	10.5	76	1.8	360	18
10/09/24 07:10	30	30	60	1	10.4	75	1.4	0	19
10/09/24 07:15	38	28	66	1	10.6	75	1.2	351	26
10/09/24 07:20	53	31	84	1	10.8	75	0.8	351	32
10/09/24 07:25	67	33	99	1	10.8	74	1.6	340	19
10/09/24 07:30	65	31	96	1	10.7	74	1.5	336	23
10/09/24 07:35	63	31	94	1	10.7	74	1.9	347	20
10/09/24 07:40	65	31	96	1	10.7	74	1.6	354	22
10/09/24 07:45	79	27	107	1	10.5	75	1.9	358	16
10/09/24 07:50	95	34	129	1	10.6	75	1.7	356	19
10/09/24 07:55	100	34	134	1	10.8	74	1.6	4	16
10/09/24 08:00	101	33	134	1	11.2	73	2.0	7	15
10/09/24 08:05	102	34	137	1	11.5	71	1.5	349	25
10/09/24 08:10	104	35	139	2	11.5	71	1.9	343	18
10/09/24 08:15	107	36	143	2	11.6	71	1.4	345	27
10/09/24 08:20	104	37	142	2	11.8	70	1.2	343	23
10/09/24 08:25	100	36	137	2	12.0	70	0.7	326	28
10/09/24 08:30	104	37	141	2	12.3	69	0.8	354	35
10/09/24 08:35	117	37	154	2	12.6	68	1.3	310	24
10/09/24 08:40	134	39	173	2	12.6	69	1.4	304	22
10/09/24 08:45	123	36	159	2	12.6	68	1.1	316	31
10/09/24 08:50	122	34	157	2	12.8	68	1.5	305	18
10/09/24 08:55	110	32	143	2	13.0	67	1.4	325	26
10/09/24 09:00	91	34	125	2	13.1	66	1.3	308	23
10/09/24 09:05	103	30	133	2	13.2	67	1.6	318	19
10/09/24 09:10	105	36	141	2	13.4	66	1.6	307	25
10/09/24 09:15	93	32	126	3	13.5	65	1.4	342	33
10/09/24 09:20	55	30	85	2	14.0	64	1.3	346	29
10/09/24 09:25	49	29	78	2	14.2	63	1.4	325	24
10/09/24 09:30	47	30	77	2	14.5	62	0.7	353	48
10/09/24 09:35	36	28	64	2	14.9	59	2.1	29	13
10/09/24 09:40	30	26	56	2	15.0	59	1.5	21	29
10/09/24 09:45	26	26	52	2	15.2	58	1.4	360	37
10/09/24 09:50	24	22	46	2	15.6	57	1.9	37	18
10/09/24 09:55	19	20	39	2	16.0	56	2.4	22	18
10/09/24 10:00	13	19	31	2	16.1	56	2.1	23	24
10/09/24 10:05	10	16	26	2	16.4	55	2.2	16	26
10/09/24 10:10	9	13	21	2	16.4	56	2.2	320	36
10/09/24 10:15	7	10	17	1	16.3	56	2.3	356	43
10/09/24 10:20	6	10	16	1	16.7	55	2.5	15	26
10/09/24 10:25	5	9	15	1	16.9	54	2.8	350	27
10/09/24 10:30	5	9	14	1	17.0	55	3.5	9	25
10/09/24 10:35	5	8	13	1	16.8	56	2.5	339	38
10/09/24 10:40	4	8	13	1	16.8	56	2.4	326	33
10/09/24 10:45	4	7	11	1	16.8	56	2.7	328	27
10/09/24 10:50	4	7	10	1	16.8	56	3.2	311	24
10/09/24 10:55	3	6	9	1	16.8	56	3.4	312	20
10/09/24 11:00	3	5	8	1	16.7	56	3.1	308	18
10/09/24 11:05	3	5	8	1	17.0	56	2.5	342	34
10/09/24 11:10	3	5	8	1	17.4	54	2.5	348	33
10/09/24 11:15	3	5	8	1	17.4	55	1.6	347	37
10/09/24 11:20	2	5	8	1	17.6	55	2.0	356	36
10/09/24 11:25	2	5	8	1	17.8	55	3.1	339	30
10/09/24 11:30	2	5	8	1	17.7	55	2.4	334	44
10/09/24 11:35	2	5	8	1	17.7	56	3.3	336	39
10/09/24 11:40	2	5	7	1	18.1	54	3.8	10	21
10/09/24 11:45	2	5	7	1	18.3	54	2.7	17	26
10/09/24 11:50	2	5	7	1	18.5	53	3.1	10	24
10/09/24 11:55	3	5	8	1	18.5	53	2.5	332	38
10/09/24 12:00	2	5	8	1	18.1	54	2.8	304	20
10/09/24 12:05	2	5	8	1	18.3	54	3.7	5	25
10/09/24 12:10	3	5	8	1	18.6	53	3.4	11	25
10/09/24 12:15	3	5	8	1	18.9	53	3.2	11	18
10/09/24 12:20	3	6	9	1	19.1	52	2.0	359	43
10/09/24 12:25	3	7	11	1	19.4	51	3.2	12	27
10/09/24 12:30	3	6	9	1	19.4	51	3.7	17	21
10/09/24 12:35	3	5	8	1	19.5	50	4.5	14	18
10/09/24 12:40	2	5	7	1	19.6	50	4.5	21	22
10/09/24 12:45	2	5	7	1	19.6	50	4.1	15	20
10/09/24 12:50	2	5	7	1	19.6	51	3.3	15	27
10/09/24 12:55	2	5	7	1	19.7	49	2.7	337	30
10/09/24 13:00	2	6	8	1	19.8	48	3.0	356	35
10/09/24 13:05	2	6	8	1	19.8	48	2.1	323	41
10/09/24 13:10	2	5	8	1	19.6	48	2.3	300	29
10/09/24 13:15	2	5	8	1	19.9	48	2.4	5	34
10/09/24 13:20	2	6	8	1	19.8	47	3.6	303	17

Station Pier Ambient Air Quality Monitoring
September 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 (°)
10/09/24 13:25	2	6	8	1	19.8	48	1.3	336	50
10/09/24 13:30	2	6	8	1	20.3	46	4.1	8	19
10/09/24 13:35	2	6	8	1	20.2	46	3.6	311	26
10/09/24 13:40	2	6	8	1	19.8	47	2.8	344	40
10/09/24 13:45	2	6	8	1	20.1	46	2.5	340	33
10/09/24 13:50	2	6	8	1	20.3	46	2.4	323	41
10/09/24 13:55	2	6	8	1	19.9	47	4.3	305	14
10/09/24 14:00	2	6	7	1	20.0	47	1.8	334	42
10/09/24 14:05	2	6	8	1	20.3	45	2.9	319	23
10/09/24 14:10	2	5	7	1	20.1	44	2.5	321	30
10/09/24 14:15	2	5	7	1	20.3	44	2.2	317	34
10/09/24 14:20	2	5	7	1	20.2	45	3.4	318	23
10/09/24 14:25	2	5	6	1	20.2	45	2.1	326	27
10/09/24 14:30	2	5	6	1	20.6	44	2.9	357	30
10/09/24 14:35	2	5	7	1	20.6	44	3.4	3	22
10/09/24 14:40	2	5	7	1	20.7	44	2.8	339	32
10/09/24 14:45	2	6	8	1	20.5	45	2.1	320	33
10/09/24 14:50	2	6	8	1	20.6	44	2.9	3	19
10/09/24 14:55	2	6	8	1	20.6	44	2.7	326	31
10/09/24 15:00	2	6	8	1	20.6	44	2.6	339	35
10/09/24 15:05	2	6	8	0	20.7	43	2.5	359	35
10/09/24 15:10	2	6	8	1	20.7	44	2.5	343	33
10/09/24 15:15	2	7	8	1	20.4	44	3.2	330	22
10/09/24 15:20	2	6	8	1	20.4	44	2.8	330	25
10/09/24 15:25	2	6	7	1	20.4	45	1.4	319	34
10/09/24 15:30	2	6	8	1	20.4	44	2.6	315	24
10/09/24 15:35	2	6	7	1	20.6	44	2.7	2	26
10/09/24 15:40	2	7	9	0	20.7	43	3.1	360	26
10/09/24 15:45	2	7	10	1	20.6	44	3.1	4	25
10/09/24 15:50	3	8	11	1	20.7	44	3.0	8	26
10/09/24 15:55	3	8	10	0	20.6	44	3.2	3	23
10/09/24 16:00	3	8	11	0	20.6	45	2.2	13	33
10/09/24 16:05	3	8	11	0	20.5	45	2.3	354	28
10/09/24 16:10	3	9	12	1	20.6	45	2.9	17	18
10/09/24 16:15	2	9	12	1	20.6	45	2.4	355	23
10/09/24 16:20	3	11	13	1	20.5	46	1.9	4	39
10/09/24 16:25	3	11	14	1	20.5	46	2.7	6	25
10/09/24 16:30	2	10	13	1	20.5	46	2.5	355	29
10/09/24 16:35	2	11	13	0	20.4	47	1.7	325	38
10/09/24 16:40	2	11	13	1	20.3	47	1.5	353	35
10/09/24 16:45	2	10	12	1	20.3	47	3.1	6	28
10/09/24 16:50	2	10	12	1	20.3	47	2.3	13	28
10/09/24 16:55	2	9	11	1	20.2	48	2.1	5	32
10/09/24 17:00	2	10	11	1	20.1	48	1.7	340	30
10/09/24 17:05	2	10	12	1	19.9	49	2.0	336	39
10/09/24 17:10	2	10	12	1	19.8	48	2.8	336	29
10/09/24 17:15	1	10	11	1	19.8	48	2.9	341	30
10/09/24 17:20	1	10	12	1	19.8	48	2.5	349	35
10/09/24 17:25	1	11	12	1	19.8	49	2.4	335	31
10/09/24 17:30	1	11	12	1	19.7	49	3.3	347	26
10/09/24 17:35	1	11	12	1	19.5	50	2.3	342	28
10/09/24 17:40	1	11	12	1	19.4	50	2.9	332	23
10/09/24 17:45	1	12	13	1	19.3	51	2.5	323	26
10/09/24 17:50	1	11	12	1	19.3	51	2.1	312	23
10/09/24 17:55	1	11	11	1	19.2	52	1.8	328	30
10/09/24 18:00	1	10	11	1	19.1	51	1.8	334	25
10/09/24 18:05	1	10	11	1	19.0	51	2.4	325	28
10/09/24 18:10	0	10	10	1	19.0	52	1.7	324	27
10/09/24 18:15	1	11	11	1	19.0	52	1.7	318	25
10/09/24 18:20	1	12	13	1	18.8	53	1.0	329	46
10/09/24 18:25	1	15	16	1	18.7	53	1.7	326	34
10/09/24 18:30	1	17	18	1	18.5	52	2.3	332	23
10/09/24 18:35	1	14	14	1	18.6	52	1.5	343	31
10/09/24 18:40	1	14	15	1	18.5	52	1.4	350	31
10/09/24 18:45	1	18	19	1	18.3	53	1.5	345	33
10/09/24 18:50	2	26	28	1	18.2	53	0.9	323	34
10/09/24 18:55	3	31	33	1	18.1	53	1.4	338	37
10/09/24 19:00	4	32	36	1	18.0	54	1.2	340	32
10/09/24 19:05	4	32	36	1	17.9	54	1.8	354	25
10/09/24 19:10	4	31	36	2	17.9	54	1.7	330	27
10/09/24 19:15	4	30	35	2	17.9	55	1.5	322	30
10/09/24 19:20	4	28	32	2	17.8	55	1.6	318	27
10/09/24 19:25	3	20	23	1	17.6	56	1.4	335	37
10/09/24 19:30	3	16	18	1	17.6	56	1.7	352	25
10/09/24 19:35	2	20	23	1	17.5	56	1.2	334	34
10/09/24 19:40	3	31	34	1	17.4	57	0.5	340	57
10/09/24 19:45	5	33	38	2	17.2	58	1.1	312	31
10/09/24 19:50	5	32	37	2	17.2	58	0.9	312	34
10/09/24 19:55	4	24	27	1	17.1	58	1.3	314	23
10/09/24 20:00	5	27	32	1	17.1	58	0.8	346	40
10/09/24 20:05	6	30	36	2	17.0	58	0.8	331	36
10/09/24 20:10	7	31	37	2	16.9	59	0.8	332	34
10/09/24 20:15	8	30	38	1	16.8	59	0.5	317	41
10/09/24 20:20	13	28	42	1	16.8	60	1.0	307	29
10/09/24 20:25	9	30	39	2	16.8	59	1.5	316	21
10/09/24 20:30	2	23	25	2	16.9	59	1.3	317	21

Station Pier Ambient Air Quality Monitoring
September 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 (°)
10/09/24 20:35	1	22	23	2	16.8	60	1.5	311	20
10/09/24 20:40	1	21	22	1	16.8	60	1.7	304	12
10/09/24 20:45	1	21	22	1	16.7	61	1.5	309	17
10/09/24 20:50	1	21	21	1	16.7	60	1.4	339	26
10/09/24 20:55	1	20	21	1	16.6	60	1.2	352	35
10/09/24 21:00	1	20	21	1	16.5	61	1.0	358	31
10/09/24 21:05	5	24	29	2	16.4	61	0.9	332	39
10/09/24 21:10	21	31	52	2	16.3	62	0.8	335	31
10/09/24 21:15	28	33	62	2	16.2	62	0.9	311	43
10/09/24 21:20	32	34	66	2	16.1	63	1.1	313	27
10/09/24 21:25	19	32	52	2	16.2	63	1.1	314	26
10/09/24 21:30	18	32	50	2	16.0	63	1.1	318	27
10/09/24 21:35	22	31	53	2	15.9	63	0.6	327	40
10/09/24 21:40	23	31	54	2	15.8	64	1.2	320	25
10/09/24 21:45	23	32	55	2	15.7	64	0.7	308	27
10/09/24 21:50	21	32	53	2	15.6	65	1.1	328	31
10/09/24 21:55	22	32	54	2	15.7	65	1.1	4	33
10/09/24 22:00	24	32	55	2	15.5	65	1.2	337	28
10/09/24 22:05	18	34	52	2	15.6	65	1.3	316	29
10/09/24 22:10	15	34	49	2	15.6	65	1.2	321	30
10/09/24 22:15	16	32	48	2	15.5	65	1.0	348	30
10/09/24 22:20	15	32	47	2	15.4	65	1.1	16	31
10/09/24 22:25	14	31	45	2	15.4	65	1.1	15	26
10/09/24 22:30	7	25	33	2	15.3	66	1.6	1	23
10/09/24 22:35	1	22	24	1	15.3	66	1.1	352	34
10/09/24 22:40	1	21	22	1	15.3	66	0.9	345	37
10/09/24 22:45	1	21	22	1	15.2	66	1.2	322	26
10/09/24 22:50	1	21	21	1	15.3	66	1.1	324	35
10/09/24 22:55	1	21	22	1	15.2	66	1.5	322	23
10/09/24 23:00	1	22	23	1	15.2	66	1.3	318	20
10/09/24 23:05	1	25	27	1	15.2	66	1.3	327	26
10/09/24 23:10	2	31	33	1	15.1	67	1.0	327	34
10/09/24 23:15	3	30	34	1	15.1	67	1.3	355	26
10/09/24 23:20	3	28	31	1	15.1	67	1.7	11	25
10/09/24 23:25	2	20	22	1	15.1	67	1.8	13	23
10/09/24 23:30	2	13	15	1	15.3	66	2.9	10	19
10/09/24 23:35	2	11	13	1	15.4	65	2.0	4	21
10/09/24 23:40	1	11	13	1	15.4	66	1.8	6	20
10/09/24 23:45	1	12	13	1	15.5	66	1.6	12	22
10/09/24 23:50	1	11	12		15.5	66	2.1	9	17
10/09/24 23:55	1	11	12		15.6	65	2.2	10	19
11/09/24 00:00	1	11	11	1	15.6	65	2.1	15	24
11/09/24 00:05	1	10	11	1	15.6	66	2.1	9	18
11/09/24 00:10	0	10	11	1	15.6	66	1.6	9	25
11/09/24 00:15	0	10	10	2	15.6	66	2.7	7	13
11/09/24 00:20	0	10	10	2	15.6	66	2.3	9	21
11/09/24 00:25	0	9	10	2	15.6	66	2.4	16	20
11/09/24 00:30	0	9	10	2	15.5	66	1.9	13	29
11/09/24 00:35	0	10	10	2	15.4	66	2.3	5	21
11/09/24 00:40	0	10	10	2	15.3	67	1.9	350	27
11/09/24 00:45	0	10	10	2	15.3	67	2.1	347	27
11/09/24 00:50	0	10	10	2	15.2	68	1.7	357	21
11/09/24 00:55	0	10	10	2	15.0	68	1.9	350	32
11/09/24 01:00	0	10	11	2	15.0	69	2.0	346	24
11/09/24 01:05					14.9	69	2.1	357	21
11/09/24 01:10					14.8	69	2.3	0	16
11/09/24 01:15					14.7	70	2.0	359	19
11/09/24 01:20					14.7	69	2.1	0	24
11/09/24 01:25					14.7	69	1.5	338	25
11/09/24 01:30					14.7	70	1.9	8	18
11/09/24 01:35					14.6	70	2.0	9	17
11/09/24 01:40					14.6	70	2.5	12	16
11/09/24 01:45					14.7	69	2.8	16	19
11/09/24 01:50					14.8	68	2.9	16	18
11/09/24 01:55					14.9	68	2.8	21	20
11/09/24 02:00					14.9	68	2.6	13	18
11/09/24 02:05	0	10	11	2	15.0	68	2.5	10	16
11/09/24 02:10	0	10	10	2	15.1	67	2.6	5	15
11/09/24 02:15	0	9	10	2	15.0	67	2.3	7	20
11/09/24 02:20	0	9	10	2	15.0	67	2.4	9	21
11/09/24 02:25	1	9	9	2	15.0	67	2.2	7	20
11/09/24 02:30	1	9	9	2	14.9	68	2.3	4	22
11/09/24 02:35	1	9	9	2	14.9	68	2.2	6	22
11/09/24 02:40	1	8	9	2	14.8	68	2.4	5	21
11/09/24 02:45	0	8	9	2	14.9	68	2.3	7	24
11/09/24 02:50	0	8	8	2	14.7	68	2.5	3	21
11/09/24 02:55	0	8	8	2	14.8	68	2.8	1	18
11/09/24 03:00	0	8	8	2	14.8	68	2.6	4	22
11/09/24 03:05	0	8	8	2	14.7	68	2.6	4	20
11/09/24 03:10	1	7	8	2	14.7	68	2.3	12	20
11/09/24 03:15	1	8	8	2	14.7	68	2.1	1	25
11/09/24 03:20	1	7	8	2	14.7	68	2.2	351	23
11/09/24 03:25	1	7	8	2	14.6	68	2.4	358	16
11/09/24 03:30	0	7	8	2	14.6	68	1.7	2	19
11/09/24 03:35	0	8	8	2	14.6	68	1.8	346	30
11/09/24 03:40	0	8	9	2	14.7	68	2.2	359	21

Station Pier Ambient Air Quality Monitoring
September 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 (°)
11/09/24 03:45	0	8	9	2	14.5	68	1.4	348	32
11/09/24 03:50	0	9	9	2	14.5	68	1.2	342	32
11/09/24 03:55	0	9	9	2	14.5	69	1.6	351	28
11/09/24 04:00	0	9	9	2	14.4	69	1.1	340	33
11/09/24 04:05	0	10	10	2	14.4	69	1.3	339	34
11/09/24 04:10	0	10	10	2	14.4	69	1.9	356	22
11/09/24 04:15	0	10	10	2	14.3	69	0.9	345	27
11/09/24 04:20	0	10	10	2	14.3	69	1.2	348	33
11/09/24 04:25	0	10	10	2	14.2	69	1.9	353	22
11/09/24 04:30	0	11	11	2	14.2	69	1.3	349	36
11/09/24 04:35	1	11	12	2	14.1	70	2.0	357	27
11/09/24 04:40	0	12	12	2	14.1	70	2.0	357	28
11/09/24 04:45	0	12	12	2	14.1	69	1.7	358	25
11/09/24 04:50	0	12	13	2	14.1	69	1.9	357	23
11/09/24 04:55	0	12	13	2	14.1	69	1.9	1	23
11/09/24 05:00	0	13	13	2	14.1	69	1.5	3	28
11/09/24 05:05	0	13	13	2	14.0	69	1.7	354	26
11/09/24 05:10	0	14	14	2	14.0	69	1.9	2	27
11/09/24 05:15	1	14	15	2	14.0	69	2.5	0	21
11/09/24 05:20	1	15	16	2	14.0	69	2.6	6	19
11/09/24 05:25	1	15	16	2	14.1	69	2.4	4	26
11/09/24 05:30	1	15	15	2	14.1	68	2.6	2	24
11/09/24 05:35	0	13	14	2	14.3	67	3.1	0	24
11/09/24 05:40	0	12	12	2	14.5	67	3.0	1	17
11/09/24 05:45	0	11	11	2	14.5	66	2.4	8	28
11/09/24 05:50	0	10	11	2	14.5	66	2.7	7	22
11/09/24 05:55	0	10	10	2	14.6	66	3.0	1	26
11/09/24 06:00	0	10	10	2	14.7	65	3.2	4	19
11/09/24 06:05	0	10	11	2	14.8	65	3.1	4	19
11/09/24 06:10	1	11	11	2	14.8	65	3.0	356	23
11/09/24 06:15	0	11	12	2	14.8	65	3.3	7	18
11/09/24 06:20	1	12	12	2	14.9	64	3.1	6	23
11/09/24 06:25	0	12	12	2	15.1	64	3.3	360	24
11/09/24 06:30	0	11	12	2	15.1	63	2.7	2	24
11/09/24 06:35	0	11	12	2	15.1	63	2.6	358	27
11/09/24 06:40	1	12	12	2	15.1	64	1.1	306	46
11/09/24 06:45	1	12	13	2	15.1	64	2.0	301	24
11/09/24 06:50	1	16	17	2	15.0	66	2.2	280	15
11/09/24 06:55	2	33	35	2	15.0	66	2.4	279	13
11/09/24 07:00	4	30	34	2	15.0	66	1.7	299	18
11/09/24 07:05	4	26	30	2	15.1	64	2.1	313	17
11/09/24 07:10	3	22	26	2	15.2	63	2.4	303	21
11/09/24 07:15	4	23	26	2	15.4	64	1.7	300	20
11/09/24 07:20	4	22	26	2	15.5	63	2.3	301	18
11/09/24 07:25	4	20	23	2	15.6	63	2.0	285	20
11/09/24 07:30	3	19	23	2	15.2	68	2.3	258	18
11/09/24 07:35	3	19	22	2	14.9	71	1.7	238	13
11/09/24 07:40	4	19	23	2	14.8	71	1.8	248	12
11/09/24 07:45	7	24	32	2	14.9	69	1.6	272	24
11/09/24 07:50	14	28	42	2	15.1	67	1.3	294	20
11/09/24 07:55	15	29	44	2	15.4	65	1.9	312	16
11/09/24 08:00	22	30	52	2	15.8	63	2.0	304	16
11/09/24 08:05	18	26	44	2	15.9	63	2.3	312	30
11/09/24 08:10	7	19	26	2	16.0	61	2.0	295	22
11/09/24 08:15	6	21	27	2	16.0	62	1.9	296	19
11/09/24 08:20	6	20	26	2	16.1	61	2.2	296	21
11/09/24 08:25	6	20	26	2	16.2	61	1.9	293	22
11/09/24 08:30	6	20	26	2	16.2	61	2.1	301	21
11/09/24 08:35	6	20	27	2	16.2	61	2.3	300	21
11/09/24 08:40	7	21	28	3	16.3	61	2.5	287	19
11/09/24 08:45	7	21	28	3	16.2	63	3.3	277	10
11/09/24 08:50	8	21	28	2	16.1	63	2.1	287	16
11/09/24 08:55	8	20	28	2	16.1	63	2.0	287	19
11/09/24 09:00	7	20	27	3	16.2	63	1.8	290	22
11/09/24 09:05	7	19	26	3	16.3	62	1.4	289	18
11/09/24 09:10	7	18	26	3	16.5	61	2.0	288	21
11/09/24 09:15	8	18	26	3	16.6	61	1.9	284	19
11/09/24 09:20	7	17	25	2	16.7	61	2.2	296	23
11/09/24 09:25	7	17	24	2	16.7	60	2.7	297	16
11/09/24 09:30	6	16	23	2	16.8	61	2.9	293	14
11/09/24 09:35	6	16	22	2	16.9	60	2.5	296	18
11/09/24 09:40	6	15	22	2	17.1	60	2.4	290	20
11/09/24 09:45	6	15	21	2	17.2	60	1.9	296	20
11/09/24 09:50	6	15	21	2	17.2	60	1.8	292	18
11/09/24 09:55	6	15	20	2	17.4	59	2.2	306	18
11/09/24 10:00	5	14	19	2	17.6	58	2.6	304	17
11/09/24 10:05	5	13	18	2	17.8	58	3.0	306	11
11/09/24 10:10	5	12	17	2	18.0	57	2.8	318	29
11/09/24 10:15	5	12	16	2	18.3	56	3.3	296	18
11/09/24 10:20	4	11	15	2	18.6	55	2.8	326	30
11/09/24 10:25	4	9	13	2	18.9	53	2.2	333	34
11/09/24 10:30	3	8	12	2	19.1	52	3.2	323	27
11/09/24 10:35	3	7	10	2	18.9	53	3.0	336	20
11/09/24 10:40	3	6	8	3	18.8	53	3.5	307	17
11/09/24 10:45	3	6	9	2	18.7	53	2.9	313	18
11/09/24 10:50	2	6	9	2	18.9	53	3.6	313	17

Station Pier Ambient Air Quality Monitoring
September 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 (°)
11/09/24 10:55	2	7	9	2	18.9	52	4.3	305	16
11/09/24 11:00	3	8	10	2	19.0	53	2.9	311	22
11/09/24 11:05	3	8	11	2	18.9	53	2.5	315	26
11/09/24 11:10	2	8	10	2	18.9	54	2.2	320	30
11/09/24 11:15	2	8	10	2	18.8	54	1.8	311	26
11/09/24 11:20	2	9	11	2	18.9	54	2.1	306	27
11/09/24 11:25	3	9	11	2	17.5	60	3.0	275	19
11/09/24 11:30	2	8	10	2	16.3	66	0.5	263	61
11/09/24 11:35	2	7	10	2	16.5	65	1.6	266	30
11/09/24 11:40	2	7	9	2	17.6	60	2.2	288	29
11/09/24 11:45	3	7	10	3	17.0	65	3.3	214	21
11/09/24 11:50	3	7	9	2	15.5	70	2.5	200	29
11/09/24 11:55	3	6	9	2	15.6	71	3.6	194	14
11/09/24 12:00	9	15	23	2	15.5	71	4.2	185	11
11/09/24 12:05	9	11	20	2	15.5	72	3.9	205	13
11/09/24 12:10	8	13	20	2	15.2	74	3.5	195	10
11/09/24 12:15	9	13	22	2	15.2	75	2.1	183	19
11/09/24 12:20	10	15	25	2	15.4	73	2.4	198	14
11/09/24 12:25	6	11	17	2	15.3	75	2.4	204	7
11/09/24 12:30	6	9	15	2	15.3	75	2.0	202	18
11/09/24 12:35	5	6	12	2	15.1	77	3.2	196	9
11/09/24 12:40	5	8	13	2	14.9	78	4.9	199	4
11/09/24 12:45	6	12	18	2	14.9	78	2.8	195	11
11/09/24 12:50	6	9	15	2	15.1	77	2.8	206	5
11/09/24 12:55	7	12	19	2	15.1	77	3.6	201	6
11/09/24 13:00	8	12	20	2	15.0	79	3.5	201	4
11/09/24 13:05	6	10	17	2	15.0	77	3.3	202	5
11/09/24 13:10	8	13	20	2	15.1	77	3.1	198	4
11/09/24 13:15	8	15	24	2	15.1	76	3.0	199	7
11/09/24 13:20	9	18	27	2	15.4	73	2.8	204	8
11/09/24 13:25	8	13	22	2	15.4	75	2.7	200	11
11/09/24 13:30	7	15	22	2	15.5	73	3.2	194	11
11/09/24 13:35	6	12	18	2	15.8	72	3.9	200	6
11/09/24 13:40	5	12	17	2	15.5	73	3.5	192	9
11/09/24 13:45	6	16	22	2	15.9	71	3.0	186	11
11/09/24 13:50	7	19	27	2	15.9	73	2.8	189	11
11/09/24 13:55	9	22	31	2	15.7	76	3.0	187	11
11/09/24 14:00	9	23	32	2	15.4	79	2.1	190	14
11/09/24 14:05	7	14	20	2	15.2	82	1.2	167	31
11/09/24 14:10	1	8	9	2	15.1	84	2.0	147	22
11/09/24 14:15	1	7	8	2	14.7	85	1.9	154	20
11/09/24 14:20	4	16	20	2	14.8	86	1.3	167	33
11/09/24 14:25	10	23	33	2	14.8	86	1.3	168	23
11/09/24 14:30	10	16	26	2	14.9	86	1.2	167	28
11/09/24 14:35	7	17	24	2	14.9	86	1.8	143	19
11/09/24 14:40	8	20	28	2	14.8	85	1.3	160	27
11/09/24 14:45	8	24	32	2	14.9	85	0.7	173	47
11/09/24 14:50	4	20	24	2	14.9	85	1.3	170	21
11/09/24 14:55	3	6	9	2	15.0	85	1.4	171	20
11/09/24 15:00	2	4	6	2	14.9	86	1.5	173	21
11/09/24 15:05	1	5	6	2	14.7	86	1.8	181	15
11/09/24 15:10	2	7	9	2	14.7	85	2.4	186	13
11/09/24 15:15	5	17	21	2	14.6	85	2.8	186	12
11/09/24 15:20	18	23	41	2	14.7	85	3.1	195	10
11/09/24 15:25	15	17	32	2	14.7	87	3.1	186	11
11/09/24 15:30	3	5	8	2	14.8	85	3.3	187	11
11/09/24 15:35	2	5	7	2	14.9	85	2.4	185	15
11/09/24 15:40	3	9	11	2	15.0	85	3.0	189	13
11/09/24 15:45	4	8	12	3	15.0	84	3.0	186	13
11/09/24 15:50	3	4	7	2	14.9	85	2.5	172	15
11/09/24 15:55	2	2	4	2	14.8	86	1.9	171	20
11/09/24 16:00	1	2	3	2	14.8	86	1.7	167	26
11/09/24 16:05	1	3	4	2	14.7	86	2.0	173	18
11/09/24 16:10	1	3	4	2	14.8	87	1.9	179	18
11/09/24 16:15	1	3	4	2	14.7	86	2.0	186	14
11/09/24 16:20	1	3	4	2	14.6	86	2.0	185	11
11/09/24 16:25	1	4	6	2	14.7	87	1.7	187	14
11/09/24 16:30	2	6	8	2	14.6	87	2.1	198	14
11/09/24 16:35	2	1	3	2	14.5	88	3.9	210	3
11/09/24 16:40	3	15	17	2	14.3	90	4.8	198	7
11/09/24 16:45	10	16	26	2	14.3	91	4.2	190	10
11/09/24 16:50	10	13	23	2	14.3	92	4.0	190	10
11/09/24 16:55	10	13	23	2	14.2	92	4.9	196	8
11/09/24 17:00	7	10	18	2	14.3	91	5.3	200	5
11/09/24 17:05	0	1	1	2	14.3	92	5.1	203	6
11/09/24 17:10	0	1	1	2	14.3	92	4.7	198	7
11/09/24 17:15	0	1	1	2	14.2	91	4.2	199	7
11/09/24 17:20	0	1	1	2	14.3	91	3.8	195	9
11/09/24 17:25	2	5	7	2	14.3	90	3.3	190	10
11/09/24 17:30	4	16	20	2	14.4	90	4.2	186	11
11/09/24 17:35	9	21	30	2	14.3	89	4.2	187	10
11/09/24 17:40	8	18	26	2	14.4	89	3.9	188	13
11/09/24 17:45	14	27	41	2	14.3	89	4.8	189	9
11/09/24 17:50	20	30	50	2	14.3	90	4.0	193	10
11/09/24 17:55	14	25	39	2	14.2	90	4.2	194	9
11/09/24 18:00	10	27	37	2	14.2	90	5.6	195	8

Station Pier Ambient Air Quality Monitoring
September 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 (°)
11/09/24 18:05	10	28	38	2	14.1	90	5.5	192	9
11/09/24 18:10	13	25	38	2	14.1	89	5.6	194	9
11/09/24 18:15	10	12	22	2	14.0	90	5.1	193	8
11/09/24 18:20	20	23	43	2	13.9	91	5.8	188	9
11/09/24 18:25	5	6	11	2	13.9	91	4.4	183	14
11/09/24 18:30	1	4	5	2	13.7	91	4.3	171	17
11/09/24 18:35	1	1	2	2	13.5	91	4.4	179	13
11/09/24 18:40	0	1	1	2	13.6	90	3.8	183	15
11/09/24 18:45	0	1	1	2	13.7	89	4.4	187	13
11/09/24 18:50	0	1	1	2	13.6	87	4.6	187	12
11/09/24 18:55	0	1	1	2	13.8	87	4.8	186	12
11/09/24 19:00	0	1	1	2	13.8	87	5.2	188	10
11/09/24 19:05	0	1	1	2	13.6	86	6.4	191	9
11/09/24 19:10	0	1	1	2	13.2	87	6.6	189	8
11/09/24 19:15	0	1	1	2	13.1	88	6.9	189	7
11/09/24 19:20	0	1	2	2	13.1	89	7.1	189	9
11/09/24 19:25	0	2	2	2	12.9	89	6.9	187	10
11/09/24 19:30	0	1	2	2	12.9	89	5.8	187	12
11/09/24 19:35	0	1	2	2	13.0	89	4.6	184	13
11/09/24 19:40	0	2	2	2	13.0	89	4.1	174	18
11/09/24 19:45	0	1	1	2	13.1	89	3.7	181	15
11/09/24 19:50	0	1	1	2	13.1	88	3.3	180	14
11/09/24 19:55	0	1	1	2	13.1	88	2.9	172	19
11/09/24 20:00	0	1	1	2	13.2	88	2.7	176	16
11/09/24 20:05	0	1	1	2	13.3	88	2.7	170	20
11/09/24 20:10	0	1	1	2	13.3	88	2.6	174	18
11/09/24 20:15	0	1	1	2	13.3	87	2.7	181	17
11/09/24 20:20	0	1	1	2	13.3	85	4.3	188	12
11/09/24 20:25	0	1	1	2	13.4	83	4.8	186	11
11/09/24 20:30	0	0	1	2	13.5	83	4.8	190	10
11/09/24 20:35	0	0	1	2	13.4	83	5.5	191	9
11/09/24 20:40	0	0	0	2	13.2	83	5.5	191	8
11/09/24 20:45	0	1	1	2	13.2	81	6.5	191	8
11/09/24 20:50	0	1	1	2	13.2	81	6.1	193	7
11/09/24 20:55	0	1	1	2	13.2	80	6.1	193	7
11/09/24 21:00	0	1	1	2	13.1	79	6.6	194	6
11/09/24 21:05	0	2	2	2	13.1	79	6.1	191	8
11/09/24 21:10	0	2	2	2	13.1	78	6.2	191	10
11/09/24 21:15	0	3	3	2	13.1	77	6.5	193	8
11/09/24 21:20	0	1	2	2	13.0	76	7.2	193	8
11/09/24 21:25	0	1	1	2	13.1	75	7.1	193	8
11/09/24 21:30	0	3	3	2	13.2	72	6.6	191	7
11/09/24 21:35	0	4	4	2	13.2	72	5.9	190	9
11/09/24 21:40	0	3	3	2	13.1	71	6.5	189	11
11/09/24 21:45	0	2	2	2	13.2	74	5.3	190	11
11/09/24 21:50	0	2	2	2	13.2	73	5.8	185	9
11/09/24 21:55	0	2	2	2	13.2	71	6.5	188	10
11/09/24 22:00	0	1	1	2	13.1	70	6.8	189	7
11/09/24 22:05	0	1	1	2	13.1	68	7.2	187	11
11/09/24 22:10	0	2	2	2	13.2	67	6.9	185	8
11/09/24 22:15	0	5	5	2	13.1	67	6.7	186	12
11/09/24 22:20	0	2	2	2	13.1	68	5.4	185	12
11/09/24 22:25	0	1	1	2	13.1	68	5.9	186	10
11/09/24 22:30	0	2	2	2	13.0	70	4.7	184	12
11/09/24 22:35	0	2	2	2	13.1	70	5.0	183	12
11/09/24 22:40	0	2	2	2	13.0	70	5.8	186	10
11/09/24 22:45	0	1	1	2	13.0	70	6.3	189	10
11/09/24 22:50	0	1	1	2	12.9	69	5.8	182	12
11/09/24 22:55	0	1	1	2	13.0	68	6.3	191	10
11/09/24 23:00	0	1	1	2	13.0	67	5.7	187	12
11/09/24 23:05	0	1	1	2	13.0	68	6.5	188	10
11/09/24 23:10	0	1	1	2	13.0	68	5.9	187	10
11/09/24 23:15	0	1	1	2	12.9	70	6.1	189	10
11/09/24 23:20	0	1	1	2	13.0	69	6.4	186	9
11/09/24 23:25	0	1	1	2	12.8	69	6.1	187	9
11/09/24 23:30	0	1	1	2	13.0	69	6.5	189	8
11/09/24 23:35	0	1	1	2	12.8	68	7.0	189	8
11/09/24 23:40	0	1	1	2	12.7	69	6.2	188	10
11/09/24 23:45	0	1	1	2	12.8	71	6.0	187	11
11/09/24 23:50	0	1	1		12.8	70	5.6	187	10
11/09/24 23:55	0	1	1		12.9	70	5.0	185	12
12/09/24 00:00	0	1	1	2	12.7	69	5.9	188	10
12/09/24 00:05	0	1	1	2	12.7	67	6.7	186	13
12/09/24 00:10	0	1	1	2	12.6	69	4.8	178	17
12/09/24 00:15	0	1	1	2	12.6	69	5.0	183	15
12/09/24 00:20	0	1	1	2	12.6	68	4.9	182	14
12/09/24 00:25	0	0	1	2	12.6	69	4.6	181	14
12/09/24 00:30	0	0	1	2	12.6	71	4.8	186	14
12/09/24 00:35	0	0	0	2	12.6	69	5.3	188	10
12/09/24 00:40	0	0	0	2	12.6	69	4.6	184	13
12/09/24 00:45	0	0	0	2	12.6	69	4.7	179	13
12/09/24 00:50	0	0	0	2	12.6	69	4.1	182	14
12/09/24 00:55	0	0	0	2	12.6	69	4.5	180	16
12/09/24 01:00	0	0	0	2	12.6	68	4.7	181	15
12/09/24 01:05					12.6	68	4.4	174	16
12/09/24 01:10					12.6	69	4.0	173	16

Station Pier Ambient Air Quality Monitoring
September 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 (°)
12/09/24 01:15					12.5	68	3.9	182	18
12/09/24 01:20									
12/09/24 01:25									
12/09/24 01:30									
12/09/24 01:35									
12/09/24 01:40									
12/09/24 01:45									
12/09/24 01:50									
12/09/24 01:55									
12/09/24 02:00									
12/09/24 02:05									
12/09/24 02:10									
12/09/24 02:15									
12/09/24 02:20									
12/09/24 02:25									
12/09/24 02:30									
12/09/24 02:35									
12/09/24 02:40									
12/09/24 02:45									
12/09/24 02:50									
12/09/24 02:55									
12/09/24 03:00									
12/09/24 03:05									
12/09/24 03:10									
12/09/24 03:15									
12/09/24 03:20									
12/09/24 03:25									
12/09/24 03:30									
12/09/24 03:35									
12/09/24 03:40									
12/09/24 03:45									
12/09/24 03:50									
12/09/24 03:55									
12/09/24 04:00									
12/09/24 04:05									
12/09/24 04:10									
12/09/24 04:15									
12/09/24 04:20									
12/09/24 04:25									
12/09/24 04:30									
12/09/24 04:35									
12/09/24 04:40									
12/09/24 04:45									
12/09/24 04:50									
12/09/24 04:55									
12/09/24 05:00									
12/09/24 05:05									
12/09/24 05:10									
12/09/24 05:15									
12/09/24 05:20									
12/09/24 05:25									
12/09/24 05:30									
12/09/24 05:35									
12/09/24 05:40									
12/09/24 05:45									
12/09/24 05:50									
12/09/24 05:55									
12/09/24 06:00									
12/09/24 06:05									
12/09/24 06:10									
12/09/24 06:15									
12/09/24 06:20									
12/09/24 06:25									
12/09/24 06:30									
12/09/24 06:35									
12/09/24 06:40									
12/09/24 06:45									
12/09/24 06:50									
12/09/24 06:55									
12/09/24 07:00									
12/09/24 07:05									
12/09/24 07:10									
12/09/24 07:15									
12/09/24 07:20									
12/09/24 07:25									
12/09/24 07:30									
12/09/24 07:35									
12/09/24 07:40									
12/09/24 07:45									
12/09/24 07:50									
12/09/24 07:55									
12/09/24 08:00									
12/09/24 08:05									
12/09/24 08:10									
12/09/24 08:15									
12/09/24 08:20									

Station Pier Ambient Air Quality Monitoring

September 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 (°)
12/09/24 08:25									
12/09/24 08:30									
12/09/24 08:35									
12/09/24 08:40									
12/09/24 08:45					13.3	58	3.1	154	23
12/09/24 08:50					13.3	58	2.2	160	29
12/09/24 08:55					13.5	58	2.2	179	24
12/09/24 09:00					13.7	57			
12/09/24 09:05					13.9	55	1.5	164	35
12/09/24 09:10					14.0	56	1.9	166	27
12/09/24 09:15					13.8	56	2.4	164	22
12/09/24 09:20					13.9	55	2.0	154	27
12/09/24 09:25					14.0	55	2.5	166	23
12/09/24 09:30					14.0	54	3.0	167	18
12/09/24 09:35					13.9	55	3.2	166	16
12/09/24 09:40					13.9	55	2.8	171	20
12/09/24 09:45					14.0	55	2.8	163	18
12/09/24 09:50					14.1	55	3.1	169	18
12/09/24 09:55					14.1	55	2.8	170	15
12/09/24 10:00					14.1	56	2.7	182	12
12/09/24 10:05					14.0	57	2.7	175	18
12/09/24 10:10					14.2	56	3.0	181	15
12/09/24 10:15					13.9	55	3.8	182	10
12/09/24 10:20					13.9	56	4.0	181	11
12/09/24 10:25					13.8	56	4.3	181	11
12/09/24 10:30					13.8	57	4.4	187	9
12/09/24 10:35					13.8	56	3.9	185	10
12/09/24 10:40					13.7	56	4.7	190	8
12/09/24 10:45					13.7	57	3.8	187	8
12/09/24 10:50					13.7	57	4.0	190	8
12/09/24 10:55					13.8	58	3.8	189	10
12/09/24 11:00					13.8	57	4.1	186	12
12/09/24 11:05				2	13.7	58	4.3	191	8
12/09/24 11:10				2	13.6	58	3.8	188	10
12/09/24 11:15				2	13.7	59	4.4	192	8
12/09/24 11:20				2	13.7	58	4.1	189	10
12/09/24 11:25				2	14.1	57	3.9	189	11
12/09/24 11:30				2	13.9	57	4.3	190	9
12/09/24 11:35				2	13.9	58	5.4	191	7
12/09/24 11:40	1	2	3	2	13.9	60	4.2	187	11
12/09/24 11:45	1	2	3	2	14.0	58	4.4	189	9
12/09/24 11:50	0	2	2	1	13.8	59	4.9	191	7
12/09/24 11:55	0	2	2	2	13.9	59	5.0	186	9
12/09/24 12:00	0	2	2	2	14.0	59	4.8	191	10
12/09/24 12:05	0	2	2	2	13.9	59	5.2	191	8
12/09/24 12:10	0	1	2	2	14.0	58	5.1	190	8
12/09/24 12:15	0	1	2	2	13.9	60	4.6	187	10
12/09/24 12:20	1	2	3	2	14.1	60	4.5	191	8
12/09/24 12:25	6	5	11	2	13.9	61	5.0	192	6
12/09/24 12:30	6	7	13	2	14.1	60	4.3	190	10
12/09/24 12:35	6	5	11	2	14.2	59	5.2	191	7
12/09/24 12:40	5	7	12	2	14.0	60	5.3	191	6
12/09/24 12:45	5	7	12	2	14.0	60	5.1	190	8
12/09/24 12:50	5	6	11	2	14.1	60	5.8	192	7
12/09/24 12:55	5	8	13	2	13.9	63	5.1	192	6
12/09/24 13:00	5	7	12	2	14.0	63	5.1	192	7
12/09/24 13:05	5	7	12	2	14.1	60	5.1	190	8
12/09/24 13:10	5	6	11	2	14.1	59	4.8	191	8
12/09/24 13:15	5	5	10	2	14.3	58	4.8	189	9
12/09/24 13:20	4	3	8	2	14.7	57	4.5	188	10
12/09/24 13:25	3	1	4	2	14.6	58	4.5	188	11
12/09/24 13:30	3	3	6	2	14.4	58	5.1	191	6
12/09/24 13:35	2	1	3	1	14.4	60	5.1	189	8
12/09/24 13:40	1	1	2	2	14.5	58	5.9	187	8
12/09/24 13:45	1	1	2	2	14.4	60	5.0	189	9
12/09/24 13:50	1	1	2	2	14.5	58	5.7	191	8
12/09/24 13:55	1	1	2	2	14.3	60	6.8	191	6
12/09/24 14:00	1	1	2	2	14.3	60	5.9	189	9
12/09/24 14:05	1	1	2	2	14.3	61	6.0	192	5
12/09/24 14:10	1	1	2	2	14.2	62	6.8	192	7
12/09/24 14:15	1	1	2	2	14.0	67	7.2	192	5
12/09/24 14:20	1	1	2	2	13.8	68	7.7	194	6
12/09/24 14:25	0	1	2	2	13.7	68	7.3	194	5
12/09/24 14:30	0	1	2	2	13.8	67	7.8	195	4
12/09/24 14:35	0	1	2	2	13.8	68	7.6	194	3
12/09/24 14:40	1	1	2	2	13.6	69	7.8	196	5
12/09/24 14:45	1	1	2	2	13.7	69	7.2	196	4
12/09/24 14:50	1	1	2	2	13.7	68	7.4	196	5
12/09/24 14:55	1	2	2	2	13.6	66	6.9	193	4
12/09/24 15:00	1	1	2	2	13.9	66	6.6	193	5
12/09/24 15:05	1	1	2	2	13.9	64	7.5	194	4
12/09/24 15:10	1	1	2	2	13.7	63	7.1	193	4
12/09/24 15:15	1	6	8	2	13.8	64	7.5	194	3
12/09/24 15:20	3	4	7	2	13.7	63	7.8	195	3
12/09/24 15:25	1	0	1	2	13.6	65	7.6	196	3
12/09/24 15:30	0	0	0	2	13.7	62	7.6	194	4

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
12/09/24 15:35	0	0	0	2	13.5	64	7.8	198	4
12/09/24 15:40	0	0	1	2	13.6	63	7.0	193	6
12/09/24 15:45	0	0	0	2	13.8	59	7.0	192	6
12/09/24 15:50	0	0	0	1	13.7	61	7.2	195	5
12/09/24 15:55	0	0	0	1	13.9	58	6.9	195	6
12/09/24 16:00	0	1	1	2	14.0	57	6.8	192	6
12/09/24 16:05	0	4	4	2	14.1	58	5.6	190	7
12/09/24 16:10	1	7	8	2	14.0	59	5.9	190	6
12/09/24 16:15	1	2	3	2	14.0	60	5.8	190	6
12/09/24 16:20	1	2	2	2	13.9	61	6.0	193	5
12/09/24 16:25	0	1	1	2	13.7	64	6.2	193	6
12/09/24 16:30	0	1	1	2	13.7	61	5.6	192	6
12/09/24 16:35	0	1	1	2	13.8	63	5.3	193	5
12/09/24 16:40	0	1	2	2	13.9	63	4.5	191	6
12/09/24 16:45	0	1	2	2	14.2	62	3.7	190	11
12/09/24 16:50	1	2	2	2	14.2	61	3.3	185	12
12/09/24 16:55	1	2	3	2	14.4	61	3.3	179	13
12/09/24 17:00	1	3	4	2	14.2	61	3.5	183	12
12/09/24 17:05	1	2	3	2	14.2	63	3.3	182	13
12/09/24 17:10	0	2	2	2	14.1	61	3.5	181	11
12/09/24 17:15	0	1	1	2	14.1	61	3.2	181	12
12/09/24 17:20	0	1	1	2	14.1	61	3.6	185	11
12/09/24 17:25	0	1	1	2	14.1	61	3.7	183	12
12/09/24 17:30	0	1	1	2	14.0	62	3.0	176	18
12/09/24 17:35	0	1	1	2	14.0	64	2.5	175	13
12/09/24 17:40	0	1	1	2	13.9	64	2.5	182	14
12/09/24 17:45	0	1	1	2	13.8	64	2.4	174	16
12/09/24 17:50	0	1	1	2	13.7	64	2.6	165	17
12/09/24 17:55	0	1	1	2	13.5	66	2.4	175	20
12/09/24 18:00	0	1	1	2	13.5	67	2.7	177	13
12/09/24 18:05	0	1	1	2	13.4	67	2.2	176	18
12/09/24 18:10	0	0	1	2	13.3	68	3.0	169	15
12/09/24 18:15	0	1	1	2	13.2	68	2.0	163	24
12/09/24 18:20	0	0	0	2	13.2	68	1.6	161	29
12/09/24 18:25	0	0	1	2	13.0	67	1.8	157	27
12/09/24 18:30	0	0	0	2	13.0	68	1.7	162	32
12/09/24 18:35	0	0	0	2	13.0	68	2.4	151	21
12/09/24 18:40	0	0	0	2	13.0	68	1.9	157	25
12/09/24 18:45	0	0	0	2	13.0	70	2.0	166	22
12/09/24 18:50	0	0	0	2	13.0	69	2.3	162	23
12/09/24 18:55	0	0	0	2	13.1	70	2.3	171	17
12/09/24 19:00	0	1	1	2	13.0	68	2.0	159	22
12/09/24 19:05	0	0	1	2	13.1	69	1.6	168	22
12/09/24 19:10	0	0	1	2	13.1	68	2.3	167	20
12/09/24 19:15	0	1	1	2	13.2	69	1.8	177	22
12/09/24 19:20	0	1	1	2	13.2	69	1.8	170	21
12/09/24 19:25	0	1	1	2	13.2	70	2.2	170	21
12/09/24 19:30	0	1	1	1	13.3	70	2.0	175	16
12/09/24 19:35	0	1	1	2	13.3	71	2.1	170	18
12/09/24 19:40	0	1	1	2	13.3	71	1.9	173	18
12/09/24 19:45	0	1	1	2	13.3	70	2.3	164	16
12/09/24 19:50	0	1	1	2	13.2	69	2.3	168	19
12/09/24 19:55	0	1	1	2	13.3	69	1.9	179	17
12/09/24 20:00	0	1	1	2	13.3	70	1.8	174	20
12/09/24 20:05	0	1	1	2	13.3	71	1.7	179	14
12/09/24 20:10	0	1	1	2	13.4	70	2.1	169	17
12/09/24 20:15	0	1	1	2	13.3	71	2.2	179	16
12/09/24 20:20	0	1	1	2	13.1	71	2.3	185	12
12/09/24 20:25	0	1	1	2	13.2	73	1.9	183	15
12/09/24 20:30	0	2	2	2	13.2	73	1.8	171	14
12/09/24 20:35	0	2	2	2	13.2	73	1.6	169	18
12/09/24 20:40	0	3	3	2	13.2	73	1.4	178	14
12/09/24 20:45	0	3	3	2	13.2	74	1.6	188	10
12/09/24 20:50	0	3	3	2	13.2	75	1.5	192	7
12/09/24 20:55	0	3	4	2	13.3	75	2.1	189	12
12/09/24 21:00	0	3	3	2	13.4	77	3.9	191	8
12/09/24 21:05	0	2	3	2	13.5	81	4.7	188	7
12/09/24 21:10	0	2	2	1	13.3	83	4.3	192	7
12/09/24 21:15	0	4	4	2	13.2	82	3.7	186	8
12/09/24 21:20	1	14	15	2	13.1	78	3.3	179	11
12/09/24 21:25	1	7	8	2	13.2	79	3.0	188	9
12/09/24 21:30	1	6	6	1	13.2	79	3.1	194	9
12/09/24 21:35	0	1	2	1	13.1	79	3.8	195	7
12/09/24 21:40	0	1	1	2	13.2	79	3.5	193	5
12/09/24 21:45	0	1	1	1	13.2	80	3.6	196	6
12/09/24 21:50	0	1	1	1	13.1	80	3.1	194	6
12/09/24 21:55	0	1	2	1	13.2	81	4.4	202	7
12/09/24 22:00	0	1	2	2	13.3	80	4.5	208	5
12/09/24 22:05	0	1	1	2	13.2	80	5.0	210	6
12/09/24 22:10	0	1	1	2	13.1	77	6.0	210	8
12/09/24 22:15	0	1	1	2	13.1	76	6.4	220	4
12/09/24 22:20	0	1	2	2	13.1	77	5.6	218	4
12/09/24 22:25	0	2	2	2	13.0	78	5.5	224	4
12/09/24 22:30	0	2	3	2	13.0	78	4.6	241	8
12/09/24 22:35	1	10	10	2	13.0	77	4.6	242	6
12/09/24 22:40	1	13	14	2	13.0	75	5.4	240	7

Station Pier Ambient Air Quality Monitoring
September 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 (°)
12/09/24 22:45	1	2	3	2	13.0	73	5.6	234	4
12/09/24 22:50	1	3	3	2	13.0	73	4.8	236	9
12/09/24 22:55	1	5	5	2	12.9	72	5.3	240	6
12/09/24 23:00	0	5	6	2	12.8	73	5.2	235	8
12/09/24 23:05	0	7	7	2	12.8	72	4.7	235	5
12/09/24 23:10	1	9	9	2	12.8	72	3.7	236	8
12/09/24 23:15	1	18	19	2	12.8	73	3.0	247	11
12/09/24 23:20	2	21	23	2	12.6	72	3.0	254	7
12/09/24 23:25	2	24	26	2	12.6	72	3.5	245	8
12/09/24 23:30	3	23	26	2	12.5	72	2.8	254	7
12/09/24 23:35	3	19	21	2	12.6	73	3.5	254	8
12/09/24 23:40	2	14	16	2	12.4	73	3.5	251	8
12/09/24 23:45	2	18	20	2	12.5	74	3.5	249	9
12/09/24 23:50	2	18	20		12.4	73	3.8	248	7
12/09/24 23:55	2	15	17		12.4	74	4.3	246	10
13/09/24 00:00	2	15	16	2	12.5	74	4.3	243	8
13/09/24 00:05	2	10	12	2	12.4	74	4.4	239	6
13/09/24 00:10	1	8	9	2	12.4	75	3.9	244	7
13/09/24 00:15	2	20	21	2	12.4	76	3.8	243	11
13/09/24 00:20	2	19	21	2	12.4	75	4.1	247	8
13/09/24 00:25	2	17	20	2	12.4	75	4.1	251	9
13/09/24 00:30	2	17	19	2	12.4	75	4.1	253	7
13/09/24 00:35	2	11	13	2	12.3	76	4.4	257	6
13/09/24 00:40	2	8	10	2	12.3	77	3.6	259	6
13/09/24 00:45	2	8	9	2	12.2	76	4.0	255	5
13/09/24 00:50	1	7	9	2	12.3	76	3.9	253	6
13/09/24 00:55	2	12	13	2	12.2	76	3.7	249	7
13/09/24 01:00	2	22	24	2	12.2	76	3.5	245	11
13/09/24 01:05					12.2	75	3.5	241	9
13/09/24 01:10					12.2	76	2.9	244	8
13/09/24 01:15					12.1	76	3.1	249	8
13/09/24 01:20					12.1	77	2.7	239	10
13/09/24 01:25					12.0	77	3.4	244	11
13/09/24 01:30					12.0	78	3.0	245	11
13/09/24 01:35					11.9	78	3.3	248	8
13/09/24 01:40					11.9	78	2.7	245	7
13/09/24 01:45					12.0	79	2.8	248	11
13/09/24 01:50					11.9	78	3.4	247	6
13/09/24 01:55					11.9	79	3.1	251	9
13/09/24 02:00					11.8	79	3.4	253	7
13/09/24 02:05	2	15	17	2	11.9	79	3.1	251	8
13/09/24 02:10	2	16	18	2	11.9	79	3.5	250	8
13/09/24 02:15	2	17	19	2	11.9	79	3.2	258	9
13/09/24 02:20	2	18	20	2	11.9	80	3.4	255	9
13/09/24 02:25	2	17	19	2	11.9	79	3.8	253	8
13/09/24 02:30	2	17	19	2	11.9	79	3.7	243	10
13/09/24 02:35	3	20	23	2	11.9	79	3.5	246	9
13/09/24 02:40	3	21	24	2	11.9	79	3.4	251	10
13/09/24 02:45	3	20	23	2	11.9	79	3.6	250	11
13/09/24 02:50	3	19	22	2	12.0	79	3.7	246	8
13/09/24 02:55	3	18	21	2	12.0	79	3.7	246	8
13/09/24 03:00	3	18	21	2	11.9	79	3.8	249	9
13/09/24 03:05	3	18	21	2	12.0	79	4.4	241	11
13/09/24 03:10	3	17	20	2	12.0	80	4.0	246	10
13/09/24 03:15	3	16	20	2	12.0	79	4.5	241	7
13/09/24 03:20	3	18	21	2	12.0	79	3.9	243	8
13/09/24 03:25	4	18	22	2	12.0	79	4.5	248	10
13/09/24 03:30	4	17	21	2	11.9	80	4.5	245	8
13/09/24 03:35	3	16	19	2	11.9	80	4.4	247	7
13/09/24 03:40	4	16	20	2	12.0	81	4.6	248	8
13/09/24 03:45	4	14	18	2	11.9	80	4.2	253	8
13/09/24 03:50	3	14	18	2	11.9	81	4.0	254	7
13/09/24 03:55	3	15	18	3	11.9	81	3.7	260	6
13/09/24 04:00	3	12	15	3	11.9	81	2.9	266	13
13/09/24 04:05	2	10	12	2	11.9	81	2.3	269	13
13/09/24 04:10	2	10	11	2	11.9	81	2.7	270	9
13/09/24 04:15	1	8	9	2	11.9	82	1.7	279	15
13/09/24 04:20	1	7	8	2	11.8	81	2.4	271	14
13/09/24 04:25	1	6	7	2	11.8	81	2.0	270	13
13/09/24 04:30	1	6	7	2	11.7	82	1.6	271	17
13/09/24 04:35	1	7	8	2	11.7	83	1.8	266	15
13/09/24 04:40	1	9	9	3	11.7	83	2.3	264	12
13/09/24 04:45	0	10	10	2	11.6	83	1.7	271	17
13/09/24 04:50	0	11	11	2	11.6	84	1.4	279	20
13/09/24 04:55	0	12	12	2	11.5	83	2.1	268	14
13/09/24 05:00	1	13	13	2	11.5	84	1.7	260	16
13/09/24 05:05	1	15	15	2	11.5	84	1.8	268	14
13/09/24 05:10	1	16	16	2	11.5	83	1.3	280	16
13/09/24 05:15	1	16	16	2	11.5	83	1.4	297	14
13/09/24 05:20	0	16	16	2	11.4	83	1.1	289	16
13/09/24 05:25	0	15	15	2	11.4	83	1.4	269	20
13/09/24 05:30	0	15	16	2	11.5	83	1.7	267	19
13/09/24 05:35	1	17	18	2	11.6	83	2.6	263	10
13/09/24 05:40	1	22	23	2	11.6	82	2.7	257	15
13/09/24 05:45	3	26	28	2	11.8	82	3.7	243	10
13/09/24 05:50	3	19	22	2	11.8	82	3.8	235	9

Station Pier Ambient Air Quality Monitoring
September 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 (°)
13/09/24 05:55	2	9	11	2	11.7	82	4.0	240	7
13/09/24 06:00	2	16	18	2	11.7	82	3.7	234	6
13/09/24 06:05	3	22	25	2	11.7	82	2.8	240	8
13/09/24 06:10	5	25	30	2	11.7	82	2.9	241	7
13/09/24 06:15	5	21	26	2	11.7	82	2.4	243	9
13/09/24 06:20	4	20	25	2	11.8	82	2.1	244	12
13/09/24 06:25	3	19	22	2	11.7	82	2.5	241	10
13/09/24 06:30	3	17	19	2	11.7	82	2.5	241	9
13/09/24 06:35	3	22	25	2	11.9	82	2.9	242	11
13/09/24 06:40	6	25	31	3	12.0	83	3.3	245	11
13/09/24 06:45	4	20	24	2	12.1	83	3.7	233	8
13/09/24 06:50	3	18	20	2	12.3	82	3.7	233	7
13/09/24 06:55	3	22	26	2	12.4	82	3.4	236	7
13/09/24 07:00	8	22	30	2	12.3	81	3.2	245	9
13/09/24 07:05	10	22	31	2	12.3	81	2.8	249	8
13/09/24 07:10	9	23	32	2	12.2	81	2.2	259	14
13/09/24 07:15	20	32	52	2	12.3	81	2.0	261	16
13/09/24 07:20	17	26	43	3	12.4	80	2.9	253	11
13/09/24 07:25	16	25	41	3	12.4	79	3.1	239	8
13/09/24 07:30	12	23	35	3	12.4	79	3.5	242	7
13/09/24 07:35	9	23	32	3	12.4	79	3.2	244	9
13/09/24 07:40	7	20	26	2	12.5	79	3.5	239	12
13/09/24 07:45	6	18	24	3	12.5	80	3.0	241	10
13/09/24 07:50	6	17	24	3	12.4	79	3.4	249	9
13/09/24 07:55	9	19	28	3	12.5	79	3.2	248	9
13/09/24 08:00	9	15	24	3	12.6	78	3.5	249	9
13/09/24 08:05	7	13	20	3	12.7	78	4.1	245	8
13/09/24 08:10	5	11	16	3	12.7	78	4.7	232	9
13/09/24 08:15	4	8	12	2	12.7	79	5.4	235	5
13/09/24 08:20	2	3	5	2	12.7	80	5.1	234	8
13/09/24 08:25	2	10	12	2	12.6	80	5.4	243	9
13/09/24 08:30	3	9	12	2	12.7	80	6.3	239	6
13/09/24 08:35	3	10	13	2	12.6	81	4.8	246	7
13/09/24 08:40	5	13	17	2	12.8	80	4.6	239	8
13/09/24 08:45	5	9	14	3	12.8	79	5.6	241	10
13/09/24 08:50	2	2	4	2	12.8	81	6.3	229	4
13/09/24 08:55	1	2	3	2	12.7	81	5.8	227	6
13/09/24 09:00	0	2	2	2	12.8	81	5.9	225	4
13/09/24 09:05	1	2	2	2	12.9	80	5.6	221	7
13/09/24 09:10	1	2	2	3	12.9	81	5.3	223	5
13/09/24 09:15	1	2	2	2	12.9	81	5.1	222	4
13/09/24 09:20	1	2	2	2	13.0	79	3.7	230	7
13/09/24 09:25	1	2	2	2	13.1	78	4.3	228	8
13/09/24 09:30	1	2	3	2	13.1	79	4.0	230	9
13/09/24 09:35	1	3	4	2	13.2	77	2.6	235	11
13/09/24 09:40	2	5	7	2	13.3	78	3.3	223	7
13/09/24 09:45	2	7	9	2	13.4	76	2.7	237	13
13/09/24 09:50	3	5	8	2	13.4	77	3.4	214	4
13/09/24 09:55	2	2	3	2	13.4	78	2.9	214	7
13/09/24 10:00	2	2	3	2	13.4	76	2.4	209	9
13/09/24 10:05	1	2	3	2	13.5	76	2.7	211	9
13/09/24 10:10	1	2	3	2	13.6	75	3.3	224	9
13/09/24 10:15	1	2	3	2	13.7	75	3.3	216	10
13/09/24 10:20	1	2	3	2	13.8	77	2.6	190	10
13/09/24 10:25	1	3	4	2	14.0	77	1.7	174	20
13/09/24 10:30	1	3	4	2	14.3	75	1.6	171	18
13/09/24 10:35	2	3	5	2	14.4	74	1.6	162	21
13/09/24 10:40	1	4	6	2	14.4	75	1.1	158	28
13/09/24 10:45	7	15	22	2	14.5	75	1.2	162	25
13/09/24 10:50	4	5	10	2	14.7	74	1.3	152	23
13/09/24 10:55	3	5	8	2	14.8	73	1.8	136	16
13/09/24 11:00	2	2	5	2	14.5	74	1.8	133	12
13/09/24 11:05	2	2	4	2	14.5	74	1.5	158	22
13/09/24 11:10	1	2	3	2	14.5	74	1.6	161	24
13/09/24 11:15	1	3	4	2	14.6	74	1.4	167	25
13/09/24 11:20	1	2	3	2	14.6	73	1.4	152	26
13/09/24 11:25	1	2	3	2	14.7	73	1.8	160	18
13/09/24 11:30	1	2	3	2	14.7	73	1.5	157	23
13/09/24 11:35	1	2	3	2	14.7	75	1.5	165	28
13/09/24 11:40	1	2	3	2	14.6	75	1.6	157	24
13/09/24 11:45	0	3	3	2	14.5	76	1.4	152	30
13/09/24 11:50	1	3	4	2	14.4	77	1.3	147	28
13/09/24 11:55	1	3	4	2	14.2	76	2.2	138	12
13/09/24 12:00	1	3	3	2	14.0	77	1.4	129	22
13/09/24 12:05	1	3	3	2	14.2	77	1.7	129	13
13/09/24 12:10	0	2	3	2	14.4	77	1.7	120	13
13/09/24 12:15	0	2	3	2	14.7	76	1.8	112	13
13/09/24 12:20	0	2	3	2	14.8	75	1.9	113	12
13/09/24 12:25	1	3	3	2	14.9	75	1.8	120	14
13/09/24 12:30	1	2	3	2	15.1	73	1.4	117	18
13/09/24 12:35	1	2	2	2	15.3	72	1.9	117	14
13/09/24 12:40	1	2	2	2	15.3	72	1.8	117	15
13/09/24 12:45	1	2	2	2	15.6	71	1.7	117	14
13/09/24 12:50	1	2	2	2	15.4	72	2.8	106	5
13/09/24 12:55	1	2	2	2	15.3	74	2.7	98	5
13/09/24 13:00	1	2	2	2	15.2	74	3.1	102	5

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
13/09/24 13:05	1	2	2	2	15.1	74	2.9	99	4
13/09/24 13:10	1	2	3	2	15.0	75	2.9	102	6
13/09/24 13:15	1	3	4	2	15.1	75	2.3	141	25
13/09/24 13:20	1	4	5	2	15.2	73	2.0	147	21
13/09/24 13:25	2	4	6	2	15.1	72	2.8	130	16
13/09/24 13:30	2	4	6	2	15.1	72	2.3	125	20
13/09/24 13:35	2	4	6	2	15.1	73	2.5	120	17
13/09/24 13:40	1	4	6	1	15.1	73	2.2	153	25
13/09/24 13:45	1	4	6	2	15.3	72	1.4	131	25
13/09/24 13:50	1	5	6	2	15.4	70	0.9	147	56
13/09/24 13:55	1	5	6	2	15.6	67	0.9	173	22
13/09/24 14:00	1	4	5	2	16.0	65	1.0	198	20
13/09/24 14:05	1	4	6	2	15.9	65	1.2	230	24
13/09/24 14:10	1	6	7	2	15.8	67	1.4	237	21
13/09/24 14:15	2	7	9	2	15.6	66	2.8	241	21
13/09/24 14:20	1	3	4	2	15.6	68	6.3	224	8
13/09/24 14:25	1	1	2	2	15.3	71	6.4	212	4
13/09/24 14:30	1	1	2	2	15.2	71	5.9	212	4
13/09/24 14:35	1	1	2	2	15.2	71	6.0	213	3
13/09/24 14:40	0	1	1	2	15.4	71	6.3	218	7
13/09/24 14:45	0	1	1	2	15.4	69	5.8	233	14
13/09/24 14:50	1	2	2	2	15.7	63	6.9	229	6
13/09/24 14:55	1	2	2	2	15.6	67	6.7	227	7
13/09/24 15:00	1	2	3	2	15.5	68	7.3	223	4
13/09/24 15:05	1	1	2	2	15.4	67	6.6	230	4
13/09/24 15:10	1	1	2	2	15.6	65	6.5	233	4
13/09/24 15:15	1	1	2	2	15.3	68	7.4	222	4
13/09/24 15:20	0	1	2	2	15.1	69	6.1	210	5
13/09/24 15:25	0	1	1	2	15.1	69	6.5	220	7
13/09/24 15:30	0	1	1	2	15.3	66	7.4	229	4
13/09/24 15:35	0	1	1	2	15.3	67	7.2	222	6
13/09/24 15:40	0	1	1	2	15.2	67	7.3	218	5
13/09/24 15:45	0	1	1	2	15.2	69	6.4	215	3
13/09/24 15:50	0	1	1	2	15.1	69	7.0	219	4
13/09/24 15:55	0	1	1	2	15.1	70	7.6	223	6
13/09/24 16:00	0	1	1	1	15.1	71	6.9	225	5
13/09/24 16:05	0	1	2	2	15.1	69	7.0	229	6
13/09/24 16:10	0	1	2	2	15.1	68	7.1	231	5
13/09/24 16:15	0	1	2	2	15.2	66	7.4	232	5
13/09/24 16:20	0	1	2	2	15.2	67	7.9	226	8
13/09/24 16:25	1	3	4	2	15.1	65	7.2	233	5
13/09/24 16:30	1	3	4	2	15.1	66	7.2	232	6
13/09/24 16:35	1	1	2	2	15.1	65	6.7	242	9
13/09/24 16:40	1	4	5	2	15.2	64	7.1	243	8
13/09/24 16:45	2	10	12	2	15.2	64	6.5	243	9
13/09/24 16:50	2	11	14	2	15.2	63	6.9	237	9
13/09/24 16:55	2	11	13	2	15.2	63	7.1	243	6
13/09/24 17:00	2	10	12	2	15.2	62	6.1	241	7
13/09/24 17:05	3	10	13	2	15.2	63	6.3	238	8
13/09/24 17:10	3	12	15	2	15.2	63	6.1	243	8
13/09/24 17:15	3	14	18	2	15.0	64	5.6	256	8
13/09/24 17:20	3	12	15	2	15.1	64	5.5	260	7
13/09/24 17:25	3	6	9	2	15.1	64	6.9	254	7
13/09/24 17:30	2	6	9	2	15.0	64	6.8	259	7
13/09/24 17:35	2	3	5	2	15.0	63	6.1	263	6
13/09/24 17:40	2	3	5	2	15.1	64	4.5	267	11
13/09/24 17:45	1	5	6	2	15.1	63	5.8	258	8
13/09/24 17:50	1	11	13	2	15.1	61	7.0	255	8
13/09/24 17:55	2	16	18	2	15.2	61	7.6	248	8
13/09/24 18:00	2	12	14	2	15.1	61	8.7	255	6
13/09/24 18:05	2	11	12	2	15.0	62	6.8	255	6
13/09/24 18:10	3	23	25	2	15.0	62	6.0	258	8
13/09/24 18:15	3	11	14	2	15.0	62	5.8	261	7
13/09/24 18:20	2	9	11	2	15.0	61	5.5	260	8
13/09/24 18:25	2	5	7	2	15.0	61	5.6	256	7
13/09/24 18:30	1	5	7	2	15.0	60	4.8	257	8
13/09/24 18:35	1	6	7	2	15.0	59	4.7	265	9
13/09/24 18:40	1	5	6	2	15.0	60	3.4	276	15
13/09/24 18:45	1	9	10	2	14.9	60	3.8	278	13
13/09/24 18:50	1	10	10	2	14.9	61	3.9	277	12
13/09/24 18:55	0	9	9	2	14.8	61	3.9	275	12
13/09/24 19:00	1	9	10	2	14.8	61	3.7	273	11
13/09/24 19:05	0	10	10	2	14.7	61	3.3	277	12
13/09/24 19:10	0	10	10	2	14.7	61	3.3	275	14
13/09/24 19:15	0	9	9	2	14.8	60	3.3	273	15
13/09/24 19:20	0	9	9	2	14.8	61	2.9	277	17
13/09/24 19:25	0	9	9	2	14.8	62	3.3	262	9
13/09/24 19:30	0	9	9	2	14.8	61	3.3	265	9
13/09/24 19:35	0	9	10	2	14.7	62	3.8	262	9
13/09/24 19:40	0	10	10	2	14.8	60	3.9	265	9
13/09/24 19:45	0	10	10	2	14.8	62	3.2	258	15
13/09/24 19:50	1	13	14	2	14.8	62	4.8	256	8
13/09/24 19:55	2	12	14	2	14.7	66	5.9	232	12
13/09/24 20:00	1	2	3	2	14.5	71	5.7	229	5
13/09/24 20:05	0	2	2	2	14.4	70	5.6	238	5
13/09/24 20:10	0	3	3	2	14.4	70	4.9	226	7

Station Pier Ambient Air Quality Monitoring
September 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 (°)
13/09/24 20:15	0	2	2	2	14.3	71	5.3	234	6
13/09/24 20:20	0	14	15	2	14.2	68	5.7	241	12
13/09/24 20:25	1	10	11	2	14.3	67	5.8	244	13
13/09/24 20:30	1	9	11	1	14.2	66	7.1	246	6
13/09/24 20:35	1	9	10	1	14.0	66	7.1	243	10
13/09/24 20:40	1	10	10	2	14.0	68	5.1	245	10
13/09/24 20:45	1	19	20	2	14.0	67	5.3	253	7
13/09/24 20:50	1	11	12	2	13.9	68	4.0	248	8
13/09/24 20:55	1	10	11	2	13.9	68	4.8	260	7
13/09/24 21:00	1	6	7	2	13.9	66	5.3	256	6
13/09/24 21:05	1	6	7	2	13.8	66	4.2	257	9
13/09/24 21:10	1	12	13	2	13.8	66	3.8	250	8
13/09/24 21:15	1	16	17	2	13.7	66	3.5	249	8
13/09/24 21:20	1	11	12	1	13.6	66	1.9	278	11
13/09/24 21:25	1	7	7	2	13.6	67	2.0	276	17
13/09/24 21:30	1	6	7	2	13.5	66	2.9	274	17
13/09/24 21:35	0	6	6	2	13.5	67	2.3	281	13
13/09/24 21:40	0	6	6	2	13.3	66	2.5	288	11
13/09/24 21:45	0	6	6	2	13.2	65	2.5	288	13
13/09/24 21:50	0	6	6	2	13.3	66	2.5	285	12
13/09/24 21:55	0	6	6	2	13.1	67	2.4	285	12
13/09/24 22:00	0	6	6	2	13.1	68	2.2	280	13
13/09/24 22:05	0	6	7	2	13.1	69	2.0	282	17
13/09/24 22:10	0	7	8	2	13.1	68	2.6	285	16
13/09/24 22:15	0	10	10	2	13.1	67	2.4	298	10
13/09/24 22:20	0	15	15	1	12.9	67	2.4	307	14
13/09/24 22:25	0	14	14	2	12.9	68	2.5	306	11
13/09/24 22:30	0	13	13	2	12.8	69	2.2	298	14
13/09/24 22:35	0	12	12	2	12.8	69	2.4	294	14
13/09/24 22:40	0	11	11	2	12.8	69	2.1	290	14
13/09/24 22:45	0	10	11	2	12.7	69	1.6	289	19
13/09/24 22:50	0	10	11	2	12.7	69	2.0	307	15
13/09/24 22:55	0	11	11	1	12.6	68	2.1	307	12
13/09/24 23:00	0	11	11	2	12.6	68	1.8	306	14
13/09/24 23:05	0	11	11	2	12.5	69	2.5	308	10
13/09/24 23:10	0	11	11	2	12.4	70	2.2	302	14
13/09/24 23:15	0	11	12	2	12.4	70	1.7	292	17
13/09/24 23:20	0	12	12	2	12.4	69	2.2	304	14
13/09/24 23:25	0	11	11	2	12.3	69	1.6	306	15
13/09/24 23:30	0	11	11	2	12.3	69	1.7	312	20
13/09/24 23:35	0	10	11	1	12.3	69	1.6	317	17
13/09/24 23:40	0	10	10	2	12.2	69	1.3	321	18
13/09/24 23:45	0	10	10	1	12.1	69	1.2	323	25
13/09/24 23:50	0	10	11		12.2	69	1.9	309	10
13/09/24 23:55	0	11	11		12.2	68	2.3	312	10
14/09/24 00:00	0	10	11	1	12.1	68	1.9	314	15
14/09/24 00:05	0	10	11	1	12.2	68	2.7	310	11
14/09/24 00:10	0	10	10	1	12.2	67	1.5	315	17
14/09/24 00:15	0	10	10	1	12.2	67	1.8	305	15
14/09/24 00:20	0	10	10	1	12.2	67	1.9	311	14
14/09/24 00:25	0	10	10	1	12.2	67	2.0	301	16
14/09/24 00:30	0	10	11	1	12.3	68	2.2	293	11
14/09/24 00:35	0	11	11	1	12.3	68	2.5	296	10
14/09/24 00:40	0	11	11	1	12.2	68	2.0	303	14
14/09/24 00:45	0	12	12	2	12.2	68	2.1	311	10
14/09/24 00:50	0	12	13	1	12.1	67	2.3	310	11
14/09/24 00:55	0	13	14	1	12.1	67	2.4	311	10
14/09/24 01:00	0	14	15	2	12.1	67	2.2	303	11
14/09/24 01:05					12.2	67	2.2	293	11
14/09/24 01:10					12.3	69	1.9	285	15
14/09/24 01:15					12.2	69	2.0	278	14
14/09/24 01:20					12.3	70	2.6	263	10
14/09/24 01:25					12.3	71	2.6	261	9
14/09/24 01:30					12.3	71	2.2	256	8
14/09/24 01:35					12.3	72	2.6	231	11
14/09/24 01:40					12.3	73	2.5	244	13
14/09/24 01:45					12.3	72	2.0	266	16
14/09/24 01:50					12.3	72	2.0	270	12
14/09/24 01:55					12.4	71	2.3	257	9
14/09/24 02:00					12.4	72	2.3	263	10
14/09/24 02:05	1	17	17	2	12.4	72	2.7	254	8
14/09/24 02:10	1	17	18	2	12.5	72	2.5	257	8
14/09/24 02:15	1	18	18	2	12.5	73	2.8	258	10
14/09/24 02:20	1	17	18	2	12.5	75	4.0	243	10
14/09/24 02:25	1	10	11	2	12.6	78	6.6	231	7
14/09/24 02:30	0	1	1	2	12.5	80	6.1	227	5
14/09/24 02:35	0	1	1	2	12.6	81	5.8	230	5
14/09/24 02:40	0	1	1	2	12.4	82	5.6	230	6
14/09/24 02:45	0	2	2	2	12.4	81	5.2	248	8
14/09/24 02:50	0	7	7	1	12.3	80	5.7	244	6
14/09/24 02:55	0	9	9	1	12.3	81	5.5	250	10
14/09/24 03:00	1	9	10	2	12.2	81	5.8	241	8
14/09/24 03:05	2	17	18	1	12.2	81	5.8	253	6
14/09/24 03:10	2	12	14	1	12.0	82	6.4	251	7
14/09/24 03:15	2	7	9	1	12.0	83	6.0	245	9
14/09/24 03:20	1	7	9	1	11.9	83	6.1	242	8

Station Pier Ambient Air Quality Monitoring

September 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 (°)
14/09/24 03:25	1	8	9	2	11.8	85	6.1	243	9
14/09/24 03:30	1	8	9	1	11.8	85	5.0	244	8
14/09/24 03:35	1	9	10	1	11.8	85	4.6	245	8
14/09/24 03:40	1	10	11	1	11.9	85	5.2	244	8
14/09/24 03:45	1	10	11	0	11.9	85	4.6	237	7
14/09/24 03:50	1	9	10	1	11.9	85	4.7	240	9
14/09/24 03:55	1	9	9	1	11.8	87	5.8	226	8
14/09/24 04:00	1	2	3	1	11.8	89	5.3	218	8
14/09/24 04:05	0	1	1	1	11.6	91	4.7	202	7
14/09/24 04:10	0	1	1	1	11.4	93	5.1	211	5
14/09/24 04:15	0	1	1	1	11.5	93	5.6	224	7
14/09/24 04:20	0	1	1	0	11.5	92	6.2	227	4
14/09/24 04:25	0	1	1	0	11.4	92	5.7	228	5
14/09/24 04:30	0	1	1	1	11.4	93	4.5	229	6
14/09/24 04:35	0	1	1	0	11.5	92	4.2	226	6
14/09/24 04:40	0	1	2	1	11.5	91	4.2	243	8
14/09/24 04:45	0	10	10	1	11.5	90	3.9	250	8
14/09/24 04:50	1	16	17	1	11.6	89	4.0	246	9
14/09/24 04:55	1	17	19	0	11.5	89	4.2	249	5
14/09/24 05:00	2	15	16	0	11.6	89	4.5	241	9
14/09/24 05:05	1	6	7	0	11.5	90	6.3	233	7
14/09/24 05:10	1	1	2	0	11.5	93	7.2	228	4
14/09/24 05:15	1	0	1	0	11.3	94	7.3	225	7
14/09/24 05:20	1	0	1	0	11.3	94	7.6	225	8
14/09/24 05:25	1	2	2	1	11.0	93	10.2	216	4
14/09/24 05:30				1	10.9	94	9.3	217	4
14/09/24 05:35	0	0	0	1	11.0	95	7.9	214	4
14/09/24 05:40	0	0	0	1	10.9	94	8.8	214	5
14/09/24 05:45	0	0	0	0	10.9	92	8.6	220	5
14/09/24 05:50	0	0	0	0	10.8	91	8.2	218	5
14/09/24 05:55	0	1	1	0	10.9	91	7.6	217	5
14/09/24 06:00	0	1	1	0	11.0	93	7.1	220	6
14/09/24 06:05	0	2	3	0	11.0	94	7.7	217	6
14/09/24 06:10	0	1	1	0	10.9	94	7.9	227	6
14/09/24 06:15	0	1	1	1	10.7	94	6.8	219	5
14/09/24 06:20	0	1	1	1	10.9	93	6.4	215	5
14/09/24 06:25	0	1	1	1	11.0	91	6.0	214	5
14/09/24 06:30	0	1	1	1	11.2	88	7.2	216	4
14/09/24 06:35	0	1	1	0	11.3	86	8.3	211	6
14/09/24 06:40	0	1	1	0	11.3	85	8.7	206	4
14/09/24 06:45	0	1	1	0	11.2	86	7.8	215	5
14/09/24 06:50	0	1	1	0	11.1	84	8.1	213	7
14/09/24 06:55	0	1	1	0	11.2	86	7.9	224	7
14/09/24 07:00	0	1	1	0	11.1	87	7.2	223	6
14/09/24 07:05	0	1	2	0	11.1	85	7.4	225	6
14/09/24 07:10	0	1	1	0	11.2	85	7.5	219	5
14/09/24 07:15	0	1	1	0	11.2	86	7.0	226	7
14/09/24 07:20	0	1	1	0	11.2	84	7.4	222	5
14/09/24 07:25	0	1	1	1	11.2	84	7.2	222	4
14/09/24 07:30	0	1	1	1	11.4	85	6.7	221	5
14/09/24 07:35	0	1	1	1	11.2	83	6.6	221	6
14/09/24 07:40	0	1	1	1	11.4	84	6.7	227	5
14/09/24 07:45	0	1	1	1	11.2	84	5.9	241	13
14/09/24 07:50	1	7	8	1	10.9	87	4.1	239	12
14/09/24 07:55	1	7	7	0	10.9	88	5.4	233	9
14/09/24 08:00	1	9	10	0	10.7	87	5.1	245	9
14/09/24 08:05	1	7	8	0	10.9	87	6.6	228	10
14/09/24 08:10	1	3	4	0	10.8	85	9.1	238	12
14/09/24 08:15	1	2	3	0	10.3	87	10.0	234	7
14/09/24 08:20	1	1	2	0	10.4	89	9.1	228	4
14/09/24 08:25	0	1	1	0	10.6	89	9.1	224	5
14/09/24 08:30	0	0	1	0	10.9	86	10.0	218	4
14/09/24 08:35	0	0	1	0	10.9	85	9.2	208	6
14/09/24 08:40	0	0	1	0	11.0	85	8.4	208	8
14/09/24 08:45	0	1	1	0	11.0	85	8.9	213	6
14/09/24 08:50	0	1	1	1	10.7	83	11.0	211	6
14/09/24 08:55	0	1	1	0	10.7	83	10.7	208	5
14/09/24 09:00	0	1	1	0	10.8	82	9.9	205	6
14/09/24 09:05	0	1	1	1	10.9	76	9.4	205	4
14/09/24 09:10	0	1	1	1	11.2	75	8.0	208	6
14/09/24 09:15	0	1	1	1	11.2	74	8.1	210	3
14/09/24 09:20	0	1	1	0	11.1	75	7.1	219	5
14/09/24 09:25	0	1	1	0	11.0	77	7.2	218	4
14/09/24 09:30	0	1	1	0	11.0	78	7.2	222	6
14/09/24 09:35	0	1	1	1	11.0	79	9.8	225	10
14/09/24 09:40	0	1	1	1	9.9	85	12.6	209	5
14/09/24 09:45	0	1	1	1	9.8	85	11.5	203	5
14/09/24 09:50	0	1	1	0	10.1	82	11.1	205	6
14/09/24 09:55	0	1	1	1	10.0	80	9.8	202	6
14/09/24 10:00	0	1	1	0	10.1	79	8.0	198	4
14/09/24 10:05	0	1	1	0	10.2	74	7.5	196	8
14/09/24 10:10	0	1	1	0	10.2	75	6.1	191	5
14/09/24 10:15	0	1	1	0	10.3	76	4.9	193	7
14/09/24 10:20	0	1	1	0	10.6	74	7.0	195	6
14/09/24 10:25	0	1	1	0	10.8	75	9.9	194	7
14/09/24 10:30	1	5	6	1	10.2	81	12.0	203	6

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
14/09/24 10:35	1	0	1	1	9.6	84	10.1	211	5
14/09/24 10:40	1	0	1	1	9.7	83	9.0	218	6
14/09/24 10:45	0	0	1	0	9.6	81	7.6	213	5
14/09/24 10:50	0	0	0	1	9.6	79	6.1	195	8
14/09/24 10:55	0	0	0	1	9.9	77	6.3	198	5
14/09/24 11:00	0	0	0	0	10.1	76	4.8	210	6
14/09/24 11:05	0	0	0	1	10.5	75	4.7	219	10
14/09/24 11:10	0	0	0	1	10.5	74	6.1	219	5
14/09/24 11:15	0	0	1	0	10.6	75	7.6	227	7
14/09/24 11:20	0	0	1	0	10.5	77	6.8	230	5
14/09/24 11:25	0	1	1	0	10.5	79	11.1	208	8
14/09/24 11:30	0	1	1	0	10.1	82	10.4	198	6
14/09/24 11:35	0	1	1	0	10.2	84	10.7	198	6
14/09/24 11:40	0	1	1	0	10.1	78	8.4	192	7
14/09/24 11:45	0	1	1	0	10.1	76	7.5	188	6
14/09/24 11:50	0	1	1	0	10.4	74	10.0	202	11
14/09/24 11:55	0	1	1	0	10.4	69	11.2	209	5
14/09/24 12:00	0	1	1	0	10.5	67	8.8	211	5
14/09/24 12:05	0	1	1	1	10.9	71	8.3	196	7
14/09/24 12:10	1	2	3	1	11.1	75	11.3	200	6
14/09/24 12:15	0	0	1	0	11.2	72	10.1	197	6
14/09/24 12:20	0	0	1	0	11.3	70	9.7	194	7
14/09/24 12:25	0	0	0	0	11.1	71	10.3	191	5
14/09/24 12:30	0	0	0	0	10.9	68	8.4	188	6
14/09/24 12:35	0	0	0	0	10.9	69	8.4	189	7
14/09/24 12:40	0	0	0	1	11.1	71	8.9	191	7
14/09/24 12:45	0	0	0	0	10.7	72	13.1	206	7
14/09/24 12:50	0	1	1	0	10.3	74	13.2	208	4
14/09/24 12:55	0	1	1	0	10.0	73	11.4	213	3
14/09/24 13:00	0	1	1	0	10.3	71	8.5	208	5
14/09/24 13:05	0	0	1	0	10.4	68	7.9	198	6
14/09/24 13:10	0	1	1	0	11.0	68	7.8	193	5
14/09/24 13:15	0	1	1	0	11.2	67	8.7	198	6
14/09/24 13:20	0	1	1	0	11.3	69	7.3	188	9
14/09/24 13:25	0	1	1	0	10.7	65	10.0	185	7
14/09/24 13:30	0	1	1	0	9.9	65	7.7	192	7
14/09/24 13:35	0	1	1	0	9.9	70	6.8	196	5
14/09/24 13:40	0	1	1	0	10.3	72	7.3	196	5
14/09/24 13:45	0	1	1	0	10.4	67	7.9	198	10
14/09/24 13:50	0	1	1	0	10.7	65	7.3	186	9
14/09/24 13:55	0	1	1	0	11.2	63	7.8	189	7
14/09/24 14:00	0	1	1	0	11.0	64	9.2	193	5
14/09/24 14:05	0	1	1	1	11.1	64	8.2	192	7
14/09/24 14:10	0	1	1	1	11.1	65	9.2	197	5
14/09/24 14:15	0	1	1	1	11.2	69	6.9	185	10
14/09/24 14:20	0	1	1	1	11.0	72	6.4	180	11
14/09/24 14:25	0	1	1	0	10.7	72	5.9	176	13
14/09/24 14:30	0	1	1	0	10.7	72	5.7	174	14
14/09/24 14:35	0	1	1	0	10.6	71	7.4	183	12
14/09/24 14:40	0	1	1	1	9.6	80	5.2	170	20
14/09/24 14:45	0	1	1	1	9.7	79	3.9	167	18
14/09/24 14:50	0	1	1	1	10.1	74	4.8	177	14
14/09/24 14:55	0	1	1	1	10.8	67	5.6	187	9
14/09/24 15:00	0	1	1	1	11.1	64	5.0	188	10
14/09/24 15:05	0	1	1	1	10.9	65	6.3	193	6
14/09/24 15:10	0	1	1	1	10.9	62	9.3	197	5
14/09/24 15:15	0	1	1	0	11.0	64	6.6	194	6
14/09/24 15:20	0	1	1	0	11.1	63	5.0	182	14
14/09/24 15:25	0	1	1	1	11.3	63	5.7	180	11
14/09/24 15:30	0	1	1	0	11.0	63	7.1	181	10
14/09/24 15:35	0	1	1	0	10.6	68	9.6	201	11
14/09/24 15:40	0	1	1	0	10.2	64	8.3	189	9
14/09/24 15:45	0	1	1	0	10.5	62	7.3	180	12
14/09/24 15:50	0	1	1	1	10.7	67	9.9	186	6
14/09/24 15:55	0	1	0	1	10.8	66	9.3	187	8
14/09/24 16:00	0	1	0	1	10.6	66	9.2	191	6
14/09/24 16:05	0	1	0	1	10.6	60	9.3	189	6
14/09/24 16:10	0	1	0	0	10.6	56	7.5	190	8
14/09/24 16:15	0	0	0	1	10.9	58	7.2	188	8
14/09/24 16:20	0	0	0	1	11.2	55	7.3	186	9
14/09/24 16:25	0	0	0	1	11.3	56	7.8	186	8
14/09/24 16:30	0	0	0	1	11.3	59	7.7	188	8
14/09/24 16:35	0	0	0	1	11.4	61	7.4	189	7
14/09/24 16:40	0	0	0	0	11.4	60	7.6	190	7
14/09/24 16:45	0	1	1	1	11.6	61	7.6	188	8
14/09/24 16:50	0	1	1	1	11.7	62	9.8	194	5
14/09/24 16:55	0	1	1	1	11.7	61	9.0	193	5
14/09/24 17:00	0	1	1	1	11.7	60	10.1	193	5
14/09/24 17:05	0	1	1	1	11.5	59	8.8	186	6
14/09/24 17:10	0	1	1	1	11.3	59	8.4	190	7
14/09/24 17:15	0	1	1	1	11.4	58	9.7	193	4
14/09/24 17:20	0	1	1	1	11.6	62	10.4	197	5
14/09/24 17:25	0	1	1	1	11.6	62	10.3	196	6
14/09/24 17:30	0	1	1	1	11.5	61	10.4	194	4
14/09/24 17:35	0	1	1	1	11.5	58	7.9	187	8
14/09/24 17:40	0	1	1	1	11.4	56	8.1	188	8

Station Pier Ambient Air Quality Monitoring

September 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 (°)
14/09/24 17:45	0	2	2	0	11.4	60	8.7	192	6
14/09/24 17:50	0	1	1	0	11.4	64	10.2	192	6
14/09/24 17:55	0	1	1	1	10.6	65	9.8	184	10
14/09/24 18:00	0	1	1	1	9.9	71	5.1	183	10
14/09/24 18:05	0	1	2	1	10.1	71	6.0	182	12
14/09/24 18:10	0	2	2	1	10.3	76	5.5	180	19
14/09/24 18:15	0	2	3	1	10.3	75	11.0	208	5
14/09/24 18:20	0	2	2	1	10.4	74	10.2	210	4
14/09/24 18:25	0	2	2	1	10.5	75	8.7	203	8
14/09/24 18:30	0	2	3	1	10.7	72	8.2	194	6
14/09/24 18:35	0	2	2	1	11.0	69	7.1	188	9
14/09/24 18:40	0	2	2	1	11.0	66	7.3	181	10
14/09/24 18:45	0	2	2	1	11.1	67	7.2	186	10
14/09/24 18:50	0	2	2	1	11.1	64	8.2	183	10
14/09/24 18:55	0	1	1	0	11.1	64	6.7	184	8
14/09/24 19:00	0	1	1	0	11.2	63	8.8	188	9
14/09/24 19:05	0	1	1	0	11.1	60	9.0	187	6
14/09/24 19:10	0	1	1	0	11.1	64	7.0	184	10
14/09/24 19:15	0	1	1	1	11.2	64	7.5	183	10
14/09/24 19:20	0	0	1	1	11.1	63	7.9	182	9
14/09/24 19:25	0	0	1	0	11.1	61	7.7	187	7
14/09/24 19:30	0	0	0	1	11.0	62	8.4	189	6
14/09/24 19:35	0	0	0	1	10.7	62	6.7	185	9
14/09/24 19:40	0	0	0	1	10.8	66	6.9	183	8
14/09/24 19:45	0	1	1	0	11.1	65	6.3	181	11
14/09/24 19:50	0	1	1	0	11.1	67	6.3	181	11
14/09/24 19:55	0	1	1	1	11.2	67	6.5	180	9
14/09/24 20:00	0	1	1	1	11.0	64	7.3	182	10
14/09/24 20:05	0	1	1	1	11.1	65	6.6	181	12
14/09/24 20:10	0	1	1	1	11.2	64	8.1	183	9
14/09/24 20:15	0	0	1	1	11.1	65	7.9	183	8
14/09/24 20:20	0	1	1	1	11.0	69	6.6	182	9
14/09/24 20:25	0	1	1	1	11.1	67	7.4	184	10
14/09/24 20:30	0	1	1	1	11.2	66	7.0	177	12
14/09/24 20:35	0	1	1	1	11.3	66	6.5	181	12
14/09/24 20:40	0	1	1	1	11.3	64	7.4	179	12
14/09/24 20:45	0	1	1	1	11.3	66	6.4	181	12
14/09/24 20:50	0	1	1	1	11.2	65	7.6	183	10
14/09/24 20:55	0	0	0	1	11.2	65	7.4	182	11
14/09/24 21:00	0	0	0	1	11.3	65	7.6	180	10
14/09/24 21:05	0	0	0	1	11.3	64	7.2	180	11
14/09/24 21:10	0	0	0	1	11.2	65	7.0	181	11
14/09/24 21:15	0	0	0	1	11.3	67	5.3	178	17
14/09/24 21:20	0	0	0	1	11.3	67	5.2	170	17
14/09/24 21:25	0	0	0	1	11.3	66	5.3	169	19
14/09/24 21:30	0	0	0	1	11.3	67	5.5	172	13
14/09/24 21:35	0	0	0	1	11.3	66	5.4	164	20
14/09/24 21:40	0	0	0	1	11.3	68	4.9	167	19
14/09/24 21:45	0	0	0	1	11.3	68	4.8	170	20
14/09/24 21:50	0	0	0	1	11.3	68	4.7	171	16
14/09/24 21:55	0	0	0	1	11.3	69	4.2	170	18
14/09/24 22:00	0	0	0	1	11.3	68	4.3	175	13
14/09/24 22:05	0	0	0	1	11.3	67	4.0	161	25
14/09/24 22:10	0	1	1	1	11.2	66	3.7	163	27
14/09/24 22:15	0	1	0	1	11.3	67	3.8	162	21
14/09/24 22:20	0	0	0	1	11.3	67	4.5	176	13
14/09/24 22:25	0	0	0	1	11.3	67	3.8	168	20
14/09/24 22:30	0	0	0	1	11.3	67	4.4	168	18
14/09/24 22:35	0	0	0	1	11.3	66	4.4	173	18
14/09/24 22:40	0	0	0	1	11.2	67	4.1	170	19
14/09/24 22:45	0	0	0	1	11.2	67	5.0	177	16
14/09/24 22:50	0	0	0	1	11.2	65	5.4	179	13
14/09/24 22:55	0	0	0	1	11.3	67	4.5	174	17
14/09/24 23:00	0	0	0	1	11.3	67	4.8	174	17
14/09/24 23:05	0	0	0	1	11.4	69	5.1	174	16
14/09/24 23:10	0	1	0	1	11.4	67	5.6	175	16
14/09/24 23:15	0	1	0	1	11.4	67	5.5	174	14
14/09/24 23:20	0	1	0	1	11.4	68	4.7	181	11
14/09/24 23:25	0	0	0	1	11.3	69	4.7	177	12
14/09/24 23:30	0	0	0	1	11.3	67	4.9	176	14
14/09/24 23:35	0	0	0	1	11.3	66	5.3	172	16
14/09/24 23:40	0	0	0	1	11.3	67	5.3	169	18
14/09/24 23:45	0	0	0	1	11.1	62	4.4	172	16
14/09/24 23:50	0	0	0		11.3	66	4.7	176	12
14/09/24 23:55	0	0	1		11.2	68	4.3	181	16
15/09/24 00:00	0	0	1	1	11.2	70	5.1	174	14
15/09/24 00:05	0	0	1	1	11.2	70	4.7	168	18
15/09/24 00:10	0	0	1	2	11.1	70	4.4	169	17
15/09/24 00:15	0	0	1	2	11.1	70	4.9	171	15
15/09/24 00:20	0	0	1	2	11.2	71	4.2	172	18
15/09/24 00:25	0	0	0	2	11.2	71	4.7	174	14
15/09/24 00:30	0	0	0	2	11.1	68	4.6	173	18
15/09/24 00:35	0	0	0	2	11.2	69	4.3	180	13
15/09/24 00:40	0	0	0	2	11.2	68	4.5	178	12
15/09/24 00:45	0	0	0	2	11.2	67	4.7	181	12
15/09/24 00:50	0	0	0	2	11.2	69	4.4	175	15

Station Pier Ambient Air Quality Monitoring

September 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 (°)
15/09/24 00:55	0	0	0	2	11.2	66	5.0	176	14
15/09/24 01:00	0	1	0	2	11.2	67	4.9	172	15
15/09/24 01:05					11.1	68	4.7	177	13
15/09/24 01:10					11.1	69	5.3	179	12
15/09/24 01:15					11.1	68	5.6	180	10
15/09/24 01:20					11.1	67	5.0	178	14
15/09/24 01:25					11.1	67	5.1	179	14
15/09/24 01:30					11.2	67	5.3	175	14
15/09/24 01:35					11.1	67	4.6	175	16
15/09/24 01:40					11.1	67	5.7	181	12
15/09/24 01:45					11.1	68	6.0	181	11
15/09/24 01:50					11.0	68	5.4	179	11
15/09/24 01:55					11.1	67	5.3	180	12
15/09/24 02:00					11.1	69	5.0	180	13
15/09/24 02:05	0	0	1	1	11.0	69	4.7	181	12
15/09/24 02:10	0	1	1	1	11.0	68	6.5	181	10
15/09/24 02:15	0	1	1	1	11.0	70	5.4	181	10
15/09/24 02:20	0	1	1	1	10.9	69	4.7	177	13
15/09/24 02:25	0	1	1	1	10.9	68	4.6	179	14
15/09/24 02:30	0	1	1	1	11.0	68	5.5	180	12
15/09/24 02:35	0	1	1	1	10.9	64	6.8	182	9
15/09/24 02:40	0	1	1	1	10.9	65	5.4	182	12
15/09/24 02:45	0	1	1	1	11.0	64	5.3	180	12
15/09/24 02:50	0	1	1	1	11.0	64	4.6	175	15
15/09/24 02:55	0	1	1	1	10.9	66	4.8	172	15
15/09/24 03:00	0	1	1	1	10.9	65	4.3	171	20
15/09/24 03:05	0	1	1	1	10.9	65	4.6	169	14
15/09/24 03:10	0	1	1	1	11.0	66	3.3	171	27
15/09/24 03:15	0	0	1	1	10.9	69	3.9	176	16
15/09/24 03:20	0	0	1	1	10.9	69	4.4	165	19
15/09/24 03:25	0	1	1	1	10.6	69	6.5	114	17
15/09/24 03:30	0	1	1	1	9.9	70	6.4	99	8
15/09/24 03:35	0	1	1	1	9.4	70	5.5	97	6
15/09/24 03:40	0	1	2	1	9.2	70	5.3	96	6
15/09/24 03:45	0	2	2	1	9.1	71	4.3	98	7
15/09/24 03:50	0	2	2	1	9.0	71	3.8	97	8
15/09/24 03:55	0	2	2	1	9.0	72	2.9	100	7
15/09/24 04:00	0	2	2	1	8.9	72	2.8	95	5
15/09/24 04:05	0	2	2	1	8.8	72	3.1	94	4
15/09/24 04:10	0	2	2	1	8.7	72	2.9	93	4
15/09/24 04:15	0	2	2	1	8.6	73	2.1	96	7
15/09/24 04:20	0	2	2	1	8.6	74	2.0	99	9
15/09/24 04:25	0	2	2	1	9.0	76	2.7	105	13
15/09/24 04:30	0	2	2	1	9.2	74	2.8	113	17
15/09/24 04:35	0	2	2	1	9.4	73	3.8	116	17
15/09/24 04:40	0	2	2	1	9.4	72	3.3	110	15
15/09/24 04:45	0	2	2	1	9.4	73	4.4	109	9
15/09/24 04:50	0	1	1	1	9.3	74	3.1	114	16
15/09/24 04:55	0	1	1	1	9.3	74	3.6	111	10
15/09/24 05:00	0	1	1	1	9.3	75	2.3	111	15
15/09/24 05:05	0	1	1	1	9.2	75	2.2	117	18
15/09/24 05:10	0	1	1	1	9.2	74	2.5	121	16
15/09/24 05:15	0	1	1	1	9.3	74	2.2	117	20
15/09/24 05:20	0	1	1	1	9.3	74	2.2	120	16
15/09/24 05:25	0	1	1	1	9.3	74	2.1	119	19
15/09/24 05:30	0	1	1	1	9.3	74	2.8	127	17
15/09/24 05:35	0	1	1	1	9.4	73	2.5	114	17
15/09/24 05:40	0	1	1	1	9.5	75	2.8	110	13
15/09/24 05:45	0	1	1	1	9.5	76	3.4	106	6
15/09/24 05:50	0	1	1	1	9.3	75	3.2	109	10
15/09/24 05:55	0	1	1	1	9.3	74	3.1	112	11
15/09/24 06:00	0	1	1	1	9.3	74	2.6	112	13
15/09/24 06:05	0	1	1	1	9.3	75	3.5	108	10
15/09/24 06:10	0	1	1	1	9.2	76	3.1	100	8
15/09/24 06:15	0	2	2	1	8.9	77	2.9	104	9
15/09/24 06:20	0	2	2	1	9.0	77	2.5	113	15
15/09/24 06:25	0	2	2	1	9.3	77	4.2	104	9
15/09/24 06:30	0	2	2	1	9.0	75	5.0	97	5
15/09/24 06:35	0	3	3	1	8.9	75	4.1	100	7
15/09/24 06:40	0	3	3	1	8.8	76	4.7	98	6
15/09/24 06:45	0	3	3	1	8.7	75	4.4	95	5
15/09/24 06:50	0	3	3	1	8.7	77	3.7	98	8
15/09/24 06:55	0	3	3	1	8.8	79	3.7	103	6
15/09/24 07:00	0	3	3	1	9.0	79	3.1	99	7
15/09/24 07:05	0	3	3	1	9.0	78	2.9	99	12
15/09/24 07:10	0	3	3	1	9.0	80	2.4	108	11
15/09/24 07:15	0	3	3	1	9.2	78	2.5	115	14
15/09/24 07:20	0	3	3	1	9.4	79	3.0	110	12
15/09/24 07:25	0	3	3	1	9.2	78	2.9	109	15
15/09/24 07:30	0	3	3	1	9.2	79	5.1	108	6
15/09/24 07:35	0	3	3	1	9.4	79	4.8	119	16
15/09/24 07:40	0	3	3	1	9.7	77	3.6	140	17
15/09/24 07:45	0	2	2	1	9.9	75	3.8	107	21
15/09/24 07:50	0	2	3	1	9.6	77	4.0	106	7
15/09/24 07:55	0	2	3	1	9.6	78	3.3	108	8
15/09/24 08:00	0	2	3	1	9.7	78	3.2	107	8

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
15/09/24 08:05	0	3	3	1	9.8	77	3.5	111	10
15/09/24 08:10	1	3	3	1	10.0	76	4.4	108	7
15/09/24 08:15	1	3	3	1	10.2	73	3.5	110	12
15/09/24 08:20	1	3	4	1	10.7	70	3.7	112	14
15/09/24 08:25	1	3	3	1	10.9	68	4.8	106	6
15/09/24 08:30	1	3	3	1	11.0	67	4.2	108	8
15/09/24 08:35	1	3	3	1	11.1	67	3.5	109	11
15/09/24 08:40	1	2	3	1	11.2	65	3.3	112	12
15/09/24 08:45	1	2	3	1	11.1	63	3.2	121	14
15/09/24 08:50	0	2	2	1	11.1	63	2.9	125	16
15/09/24 08:55	0	2	2	1	11.4	63	2.1	118	18
15/09/24 09:00	0	2	2	1	11.8	61	2.0	123	17
15/09/24 09:05	0	2	2	1	11.9	59	2.5	133	14
15/09/24 09:10	0	2	2	1	11.8	59	2.3	145	19
15/09/24 09:15	0	2	2	1	12.0	59	1.9	158	25
15/09/24 09:20	0	1	2	1	12.1	59	1.9	154	24
15/09/24 09:25	0	1	2	1	12.2	57	2.3	149	23
15/09/24 09:30	0	1	1	1	12.0	58	1.7	159	29
15/09/24 09:35	0	1	1	1	12.1	58	2.0	153	26
15/09/24 09:40	0	1	1	1	12.1	59	1.8	163	29
15/09/24 09:45	0	1	1	1	12.1	59	1.8	166	27
15/09/24 09:50	0	1	1	1	12.1	57	2.2	156	21
15/09/24 09:55	0	1	1	1	12.3	58	2.0	164	22
15/09/24 10:00	0	1	1	1	12.4	57	2.1	160	19
15/09/24 10:05	0	1	1	1	12.6	57	2.0	161	21
15/09/24 10:10	0	1	1	1	12.9	56	1.8	159	26
15/09/24 10:15	0	1	1	1	13.0	55	2.0	165	19
15/09/24 10:20	0	1	1	1	13.0	55	2.3	167	19
15/09/24 10:25	0	1	1	2	13.3	54	1.8	162	25
15/09/24 10:30	0	1	1	1	13.4	54	1.9	156	24
15/09/24 10:35	0	1	1	1	13.5	51	2.0	154	26
15/09/24 10:40	0	1	1	2	13.3	52	1.8	157	23
15/09/24 10:45	0	1	1	2	13.4	55	2.4	187	14
15/09/24 10:50	0	1	1	2	12.9	56	3.2	193	10
15/09/24 10:55	0	1	1	1	12.5	59	2.3	190	12
15/09/24 11:00	0	1	1	1	13.1	54	1.6	167	23
15/09/24 11:05	0	1	1	1	13.3	55	3.0	189	15
15/09/24 11:10	0	1	1	1	13.2	53	4.2	184	12
15/09/24 11:15	0	1	1	1	12.9	51	4.9	188	9
15/09/24 11:20	0	1	1	1	12.6	51	5.3	189	7
15/09/24 11:25	0	1	1	1	12.3	52	4.8	188	8
15/09/24 11:30	0	1	1	1	12.4	53	6.1	192	4
15/09/24 11:35	0	1	1	1	12.5	50	5.1	188	7
15/09/24 11:40	0	1	1	2	12.5	51	5.3	189	8
15/09/24 11:45	0	1	0	1	12.4	53	6.5	193	6
15/09/24 11:50	0	1	1	1	12.3	54	6.1	194	6
15/09/24 11:55	0	1	1	1	12.3	55	5.3	190	8
15/09/24 12:00	1	2	3	1	12.5	52	5.4	191	7
15/09/24 12:05	0	1	2	2	12.5	53	5.1	190	7
15/09/24 12:10	0	1	1	1	12.5	57	6.2	192	6
15/09/24 12:15	0	1	1	1	12.4	55	6.2	192	6
15/09/24 12:20	0	0	1	1	12.4	56	6.0	192	5
15/09/24 12:25	0	0	1	1	12.5	56	6.8	194	6
15/09/24 12:30	0	0	1	1	12.1	61	7.1	197	6
15/09/24 12:35	0	1	1	2	12.2	58	7.1	197	6
15/09/24 12:40	0	1	1	2	12.2	56	7.3	194	5
15/09/24 12:45	0	1	1	1	12.3	57	7.0	194	5
15/09/24 12:50	0	1	1	1	12.2	57	6.5	193	5
15/09/24 12:55	0	1	1	1	12.4	58	5.7	191	6
15/09/24 13:00	0	1	1	1	12.5	55	6.6	194	5
15/09/24 13:05	0	1	1	2	12.3	58	6.2	193	5
15/09/24 13:10	0	1	1	1	12.5	56	5.7	192	5
15/09/24 13:15	0	1	1	1	12.6	56	6.5	193	5
15/09/24 13:20	0	1	1	1	12.5	58	6.6	194	7
15/09/24 13:25	0	1	1	1	12.3	59	6.6	193	7
15/09/24 13:30	0	1	1	1	12.4	59	6.7	196	6
15/09/24 13:35	1	1	2	1	12.2	62	6.9	198	5
15/09/24 13:40	1	1	2	1	12.4	60	6.7	195	4
15/09/24 13:45	0	1	2	1	12.4	58	6.6	193	5
15/09/24 13:50	1	1	1	1	12.4	58	6.5	195	4
15/09/24 13:55	0	1	1	1	12.6	58	5.4	192	6
15/09/24 14:00	0	1	1	1	12.6	57	5.7	192	7
15/09/24 14:05	0	1	1	1	12.5	59	6.3	194	6
15/09/24 14:10	0	1	1	1	12.4	61	7.4	201	6
15/09/24 14:15	0	1	1	1	12.2	62	7.1	200	5
15/09/24 14:20	0	1	1	1	12.2	60	6.9	195	4
15/09/24 14:25	0	1	1	1	12.5	58	5.9	192	7
15/09/24 14:30	0	1	1	1	12.3	60	7.6	199	4
15/09/24 14:35	0	1	1	1	12.5	60	6.2	193	6
15/09/24 14:40	0	1	1	1	12.6	56	6.6	191	6
15/09/24 14:45	0	1	1	1	12.8	58	6.1	192	9
15/09/24 14:50	0	1	1	1	12.8	57	7.0	193	6
15/09/24 14:55	0	1	1	1	12.3	59	7.9	198	4
15/09/24 15:00	0	1	1	1	12.2	59	7.4	197	3
15/09/24 15:05	0	1	1	1	12.4	58	7.7	194	4
15/09/24 15:10	0	1	1	1	12.5	57	6.6	194	3

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
15/09/24 15:15	0	1	1	1	12.8	53	5.0	190	8
15/09/24 15:20	0	1	1	1	13.0	52	5.4	192	8
15/09/24 15:25	0	0	1	1	13.0	53	4.3	189	9
15/09/24 15:30	0	0	0	1	13.4	55	3.4	186	11
15/09/24 15:35	0	1	1	1	13.5	55	4.2	183	11
15/09/24 15:40	1	2	3	2	13.4	53	3.8	182	12
15/09/24 15:45	1	4	5	2	13.4	53	3.8	187	13
15/09/24 15:50	1	5	6	2	13.5	52	4.1	185	11
15/09/24 15:55	2	9	11	2	13.3	52	3.1	177	14
15/09/24 16:00	8	15	23	2	13.4	55	3.3	183	13
15/09/24 16:05	7	8	15	1	13.3	55	3.7	190	10
15/09/24 16:10	3	5	9	2	13.2	55	3.9	188	10
15/09/24 16:15	28	22	50	2	13.1	55	3.4	182	13
15/09/24 16:20	20	10	30	2	13.2	55	3.8	184	13
15/09/24 16:25	13	14	26	2	13.2	57	3.6	188	11
15/09/24 16:30	3	7	10	2	13.1	56	3.5	188	12
15/09/24 16:35	6	18	24	2	13.1	56	3.9	181	12
15/09/24 16:40	11	15	26	2	13.1	56	3.9	184	12
15/09/24 16:45	5	9	13	1	12.9	58	3.4	190	9
15/09/24 16:50	2	4	6	1	12.5	59	3.6	187	10
15/09/24 16:55	5	11	17	1	12.5	59	3.4	180	11
15/09/24 17:00	7	10	17	1	12.4	62	2.9	185	13
15/09/24 17:05	3	8	11	1	12.4	61	3.7	186	11
15/09/24 17:10	13	18	31	2	12.2	63	2.8	183	14
15/09/24 17:15	4	9	13	2	12.2	63	3.2	181	13
15/09/24 17:20	1	4	5	1	12.3	64	3.8	184	11
15/09/24 17:25	1	5	7	1	12.2	65	4.4	191	7
15/09/24 17:30	1	2	3	2	12.3	67	4.1	188	10
15/09/24 17:35	1	1	1	1	12.3	66	3.9	184	10
15/09/24 17:40	0	1	1	1	12.5	64	4.2	189	9
15/09/24 17:45	0	1	1	1	12.4	62	4.5	189	7
15/09/24 17:50	0	1	1	1	12.5	62	6.0	194	8
15/09/24 17:55	0	1	1	1	12.5	59	6.9	194	5
15/09/24 18:00	0	1	1	2	12.4	58	6.3	193	5
15/09/24 18:05	0	1	1	1	12.4	56	5.5	191	7
15/09/24 18:10	0	1	1	1	12.3	56	5.6	192	6
15/09/24 18:15	0	1	1	1	12.3	56	4.4	188	11
15/09/24 18:20	0	1	1	2	12.1	56	3.4	177	15
15/09/24 18:25	0	1	1	2	12.1	58	3.6	176	16
15/09/24 18:30	0	1	1	2	12.0	58	4.0	185	13
15/09/24 18:35	0	1	0	2	12.0	59	4.9	182	9
15/09/24 18:40	0	0	0	2	12.1	60	4.5	189	7
15/09/24 18:45	0	0	0	2	12.1	61	5.0	188	7
15/09/24 18:50	0	0	0	2	12.1	64	4.4	189	8
15/09/24 18:55	0	0	0	2	12.1	62	5.1	190	9
15/09/24 19:00	0	0	0	1	12.2	64	4.8	187	9
15/09/24 19:05	0	0	0	1	12.1	66	5.3	194	10
15/09/24 19:10	0	0	0	1	12.2	68	6.1	197	6
15/09/24 19:15	0	1	0	1	12.2	63	6.7	194	6
15/09/24 19:20	0	1	0	1	12.3	61	6.9	195	5
15/09/24 19:25	0	1	1	2	12.3	59	7.1	192	5
15/09/24 19:30	0	1	1	1	12.2	60	6.3	193	5
15/09/24 19:35	0	1	1	1	12.2	60	6.7	193	6
15/09/24 19:40	0	1	1	1	12.2	64	7.9	198	5
15/09/24 19:45	0	1	1	2	12.2	66	6.6	194	6
15/09/24 19:50	0	1	1	2	12.2	68	7.0	197	4
15/09/24 19:55	0	1	1	2	12.1	65	6.7	194	6
15/09/24 20:00	0	1	1	1	12.0	64	6.8	195	6
15/09/24 20:05	0	1	1	1	12.1	65	6.8	195	5
15/09/24 20:10	0	1	1	1	12.0	63	7.5	196	4
15/09/24 20:15	0	1	1	1	11.9	61	6.9	192	6
15/09/24 20:20	0	1	1	1	11.9	62	6.7	193	6
15/09/24 20:25	0	1	1	1	11.8	61	7.2	195	5
15/09/24 20:30	0	1	1	1	11.8	61	6.8	198	8
15/09/24 20:35	0	2	3	2	11.8	64	7.6	201	5
15/09/24 20:40	0	1	1	2	11.8	62	7.0	195	5
15/09/24 20:45	0	1	1	2	11.6	59	5.5	190	7
15/09/24 20:50	0	1	1	2	11.7	62	6.0	195	7
15/09/24 20:55	0	1	1	2	11.7	63	6.4	198	8
15/09/24 21:00	0	1	1	2	11.7	64	7.1	200	6
15/09/24 21:05	0	1	2	2	11.7	66	7.1	205	6
15/09/24 21:10	0	2	2	2	11.6	66	7.7	205	5
15/09/24 21:15	0	2	3	2	11.6	66	7.1	210	5
15/09/24 21:20	0	3	3	2	11.5	67	6.2	205	6
15/09/24 21:25	0	3	3	2	11.6	66	6.5	206	6
15/09/24 21:30	0	4	4	2	11.6	66	7.0	203	5
15/09/24 21:35	0	3	3	2	11.6	64	7.4	201	3
15/09/24 21:40	0	0	1	2	11.6	65	6.6	201	7
15/09/24 21:45	0	1	1	2	11.6	66	6.8	207	5
15/09/24 21:50	0	2	2	2	11.5	64	7.2	209	4
15/09/24 21:55	0	2	2	2	11.5	66	6.6	206	5
15/09/24 22:00	0	3	3	2	11.6	65	7.1	204	6
15/09/24 22:05	0	2	3	2	11.5	64	7.0	201	4
15/09/24 22:10	0	2	2	2	11.5	65	6.3	213	7
15/09/24 22:15	0	2	2	2	11.6	64	6.7	217	6
15/09/24 22:20	0	1	1	2	11.5	66	7.0	226	5

Station Pier Ambient Air Quality Monitoring

September 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 (°)
15/09/24 22:25	0	1	1	1	11.1	67	5.6	230	6
15/09/24 22:30	0	1	1	1	11.1	69	5.8	233	6
15/09/24 22:35	0	2	3	2	10.9	66	5.9	232	5
15/09/24 22:40	0	4	4	2	10.8	68	5.9	235	9
15/09/24 22:45	0	5	6	2	10.7	69	6.0	233	8
15/09/24 22:50	0	4	4	2	10.6	70	5.7	236	6
15/09/24 22:55	0	4	4	2	10.5	69	6.4	235	7
15/09/24 23:00	0	3	3	2	10.5	70	6.0	234	7
15/09/24 23:05	0	5	6	2	10.4	69	5.3	242	9
15/09/24 23:10	1	13	13	2	10.3	69	5.0	245	9
15/09/24 23:15	1	18	19	2	10.2	68	5.3	248	7
15/09/24 23:20	2	17	18	2	10.2	67	5.2	245	8
15/09/24 23:25	2	11	12	2	10.1	67	4.5	253	9
15/09/24 23:30	1	12	13	2	10.0	67	4.6	256	7
15/09/24 23:35	1	12	13	2	9.9	67	5.3	251	7
15/09/24 23:40	1	12	13	2	9.8	67	5.3	250	6
15/09/24 23:45	1	12	13	2	9.7	67	5.8	253	7
15/09/24 23:50	1	12	13		9.8	67	5.2	254	7
15/09/24 23:55	1	12	13		9.6	66	5.2	252	8
16/09/24 00:00	1	12	13	2	9.7	67	5.5	254	7
16/09/24 00:05	1	12	13	2	9.7	67	5.1	251	8
16/09/24 00:10	1	12	13	2	9.8	67	4.2	254	9
16/09/24 00:15	1	12	13	2	9.7	66	4.9	257	8
16/09/24 00:20	1	12	13	2	9.7	67	5.1	256	6
16/09/24 00:25	1	12	13	2	9.7	68	5.1	259	6
16/09/24 00:30	1	12	12	2	9.7	67	5.5	257	7
16/09/24 00:35	1	12	12	3	9.7	67	5.3	257	7
16/09/24 00:40	1	12	12	3	9.7	67	4.3	262	8
16/09/24 00:45	0	11	11	3	9.8	67	4.2	261	7
16/09/24 00:50	0	11	11	2	9.8	67	4.3	259	9
16/09/24 00:55	0	11	11	3	9.9	67	4.9	259	7
16/09/24 01:00	0	11	11	3	9.9	66	5.7	252	7
16/09/24 01:05					10.0	66	6.0	254	8
16/09/24 01:10					9.9	66	6.5	255	7
16/09/24 01:15					10.0	67	6.5	255	6
16/09/24 01:20					10.0	66	6.5	253	6
16/09/24 01:25					10.0	68	5.9	261	5
16/09/24 01:30					10.0	67	5.4	261	7
16/09/24 01:35					10.1	66	5.3	262	6
16/09/24 01:40					10.1	67	5.5	257	7
16/09/24 01:45					10.1	66	5.8	259	7
16/09/24 01:50					10.3	65	5.7	258	5
16/09/24 01:55					10.3	65	5.7	262	8
16/09/24 02:00					10.3	65	5.3	263	8
16/09/24 02:05	0	7	8	3	10.3	66	5.7	260	6
16/09/24 02:10	0	7	8	3	10.3	67	6.2	256	6
16/09/24 02:15	0	8	9	3	10.4	66	6.3	254	6
16/09/24 02:20	1	9	9	3	10.3	66	6.2	257	6
16/09/24 02:25	1	8	9	2	10.3	66	5.9	258	6
16/09/24 02:30	0	8	8	2	10.3	66	5.9	255	9
16/09/24 02:35	0	8	8	2	10.4	66	6.0	259	6
16/09/24 02:40	0	8	8	2	10.4	67	4.9	262	8
16/09/24 02:45	0	7	8	3	10.4	65	5.9	262	7
16/09/24 02:50	0	7	7	3	10.4	66	3.8	270	11
16/09/24 02:55	0	6	7	3	10.3	67	3.5	271	12
16/09/24 03:00	0	6	6	3	10.4	67	5.0	266	6
16/09/24 03:05	0	6	6	3	10.3	67	5.5	264	8
16/09/24 03:10	0	5	6	3	10.4	68	4.6	264	10
16/09/24 03:15	0	5	5	3	10.3	67	4.4	268	8
16/09/24 03:20	0	5	5	2	10.3	67	5.9	263	6
16/09/24 03:25	0	5	5	2	10.4	67	5.9	261	5
16/09/24 03:30	0	4	5	2	10.4	67	6.2	263	8
16/09/24 03:35	0	4	4	2	10.4	68	5.9	261	7
16/09/24 03:40	0	4	4	3	10.4	68	4.9	266	8
16/09/24 03:45	0	5	5	3	10.4	68	3.8	267	10
16/09/24 03:50	0	5	5	2	10.3	67	3.8	272	9
16/09/24 03:55	0	4	4	2	10.3	68	4.5	271	10
16/09/24 04:00	0	4	4	2	10.3	68	4.2	275	10
16/09/24 04:05	0	4	4	2	10.4	68	3.7	272	10
16/09/24 04:10	0	4	4	3	10.4	69	3.7	269	9
16/09/24 04:15	0	4	4	3	10.4	69	3.6	273	13
16/09/24 04:20	0	4	4	3	10.3	68	3.1	280	12
16/09/24 04:25	0	4	4	3	10.3	69	3.4	271	10
16/09/24 04:30	0	4	4	3	10.4	69	3.3	278	14
16/09/24 04:35	0	4	4	3	10.3	69	3.7	271	13
16/09/24 04:40	0	4	4	3	10.3	69	4.6	266	9
16/09/24 04:45	0	5	5	3	10.4	69	5.4	261	6
16/09/24 04:50	0	5	5	3	10.5	69	5.7	263	7
16/09/24 04:55	0	5	5	2	10.5	69	6.7	260	6
16/09/24 05:00	0	5	5	3	10.6	70	5.5	262	9
16/09/24 05:05	0	5	5	3	10.5	70	6.4	262	5
16/09/24 05:10	0	5	5	3	10.6	70	6.8	260	5
16/09/24 05:15	0	5	5	3	10.5	70	6.4	259	7
16/09/24 05:20	0	5	6	3	10.5	71	5.7	262	7
16/09/24 05:25	0	6	6	3	10.4	71	5.5	262	8
16/09/24 05:30	0	7	7	2	10.5	71	6.2	264	7

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
16/09/24 05:35	0	7	7	3	10.4	71	5.9	260	7
16/09/24 05:40	0	7	8	3	10.5	72	5.5	259	6
16/09/24 05:45	0	8	8	3	10.4	71	6.0	260	7
16/09/24 05:50	0	8	9	2	10.5	72	5.9	261	6
16/09/24 05:55	0	9	9	3	10.4	73	5.6	260	7
16/09/24 06:00	0	9	10	3	10.5	73	5.7	260	7
16/09/24 06:05	0	10	10	2	10.5	72	5.8	263	5
16/09/24 06:10	0	10	10	2	10.4	73	5.2	261	7
16/09/24 06:15	0	10	10	2	10.3	74	5.1	258	7
16/09/24 06:20	18	16	34	3	10.3	74	5.6	258	7
16/09/24 06:25	32	29	60	3	10.3	74	5.9	257	7
16/09/24 06:30	48	31	79	4	10.2	74	5.7	258	7
16/09/24 06:35	11	26	37	3	10.2	74	5.7	261	7
16/09/24 06:40	3	16	19	3	10.2	74	4.7	263	6
16/09/24 06:45	2	17	19	3	10.2	74	4.9	266	6
16/09/24 06:50	2	17	19	3	10.1	75	4.2	267	8
16/09/24 06:55	2	17	19	3	10.1	74	5.0	265	9
16/09/24 07:00	2	17	19	3	10.0	74	5.3	263	6
16/09/24 07:05	2	16	18	3	10.2	74	4.5	264	9
16/09/24 07:10	2	17	19	3	10.2	75	4.8	266	7
16/09/24 07:15	2	17	19	3	10.2	74	4.1	269	8
16/09/24 07:20	3	17	20	3	10.3	75	5.4	261	8
16/09/24 07:25	3	17	20	3	10.3	74	6.3	258	8
16/09/24 07:30	3	16	19	2	10.4	74	6.3	254	7
16/09/24 07:35	3	16	19	3	10.5	74	6.1	252	8
16/09/24 07:40	4	17	21	3	10.6	74	6.8	255	6
16/09/24 07:45	4	15	19	2	10.7	73	6.7	257	9
16/09/24 07:50	4	13	17	2	10.7	73	6.2	254	8
16/09/24 07:55	4	13	17	3	10.7	73	6.5	253	8
16/09/24 08:00	4	13	17	3	10.7	73	6.5	257	7
16/09/24 08:05	4	14	18	3	10.9	73	6.1	254	8
16/09/24 08:10	4	14	18	3	10.9	72	7.6	254	6
16/09/24 08:15	4	13	17	3	11.0	73	7.6	255	7
16/09/24 08:20	3	11	14	3	11.1	73	6.9	254	8
16/09/24 08:25	3	9	12	3	11.2	71	7.1	248	6
16/09/24 08:30	3	8	11	3	11.3	71	6.0	250	8
16/09/24 08:35	3	9	12	3	11.5	70	7.2	256	6
16/09/24 08:40	3	9	12	3	11.5	70	5.8	249	8
16/09/24 08:45	3	9	12	3	11.6	69	6.5	249	10
16/09/24 08:50	3	9	12	4	11.7	68	5.9	245	7
16/09/24 08:55	3	9	12	4	11.9	68	6.5	242	8
16/09/24 09:00	4	10	14	4	12.0	67	6.3	244	10
16/09/24 09:05	4	2	6	3	12.1	68	8.3	231	5
16/09/24 09:10	2	1	3	3	12.1	68	8.5	232	6
16/09/24 09:15	2	2	4	3	12.1	67	7.9	235	8
16/09/24 09:20	1	3	5	3	12.2	67	7.1	238	7
16/09/24 09:25	2	6	7	3	12.2	68	7.4	237	10
16/09/24 09:30	2	4	5	3	12.3	68	8.6	236	6
16/09/24 09:35	1	2	3	3	12.2	68	8.7	234	6
16/09/24 09:40	1	1	2	3	12.3	68	7.9	237	7
16/09/24 09:45	1	2	3	3	12.3	70	7.8	233	6
16/09/24 09:50	1	2	3	3	12.5	69	8.4	234	7
16/09/24 09:55	1	2	3	3	12.4	67	9.2	235	6
16/09/24 10:00	1	2	3	3	12.4	69	8.9	229	5
16/09/24 10:05	1	2	3	3	12.5	70	8.6	225	8
16/09/24 10:10	1	2	3	3	12.6	69	7.9	235	7
16/09/24 10:15	1	3	4	3	12.6	70	7.9	229	6
16/09/24 10:20	1	2	3	3	12.7	70	8.4	234	7
16/09/24 10:25	1	2	2	3	12.6	71	9.2	233	6
16/09/24 10:30	1	2	2	3	12.6	73	8.0	236	9
16/09/24 10:35	1	2	3	3	12.4	73	8.4	243	7
16/09/24 10:40	2	3	4	3	12.3	74	8.0	229	6
16/09/24 10:45	1	2	3	3	12.4	75	7.5	233	5
16/09/24 10:50	1	2	4	3	12.5	74	7.3	233	7
16/09/24 10:55	1	3	4	3	12.6	73	7.7	237	7
16/09/24 11:00	2	3	5	3	12.8	72	6.6	234	7
16/09/24 11:05	2	2	4	3	13.0	71	8.2	234	8
16/09/24 11:10	1	2	4	3	13.3	69	8.5	233	7
16/09/24 11:15	1	3	4	3	13.4	70	8.1	234	8
16/09/24 11:20	1	1	3	3	13.3	71	8.7	231	5
16/09/24 11:25	1	1	2	3	13.2	73	8.5	220	5
16/09/24 11:30	1	0	1	3	13.1	75	8.5	217	4
16/09/24 11:35					13.1	74	9.5	220	4
16/09/24 11:40					13.2	74	8.0	219	5
16/09/24 11:45					13.1	75	9.0	217	5
16/09/24 11:50					13.1	75	8.1	221	4
16/09/24 11:55					13.2	75	6.7	220	6
16/09/24 12:00					13.4	73	7.4	224	6
16/09/24 12:05				3	13.5	73	7.8	217	5
16/09/24 12:10				3	13.4	74	7.2	221	7
16/09/24 12:15				3	13.5	72	8.1	214	5
16/09/24 12:20				3	13.5	73	7.2	211	7
16/09/24 12:25				3	13.5	72	7.0	210	6
16/09/24 12:30				3	13.5	73	7.8	208	5
16/09/24 12:35				3	13.6	75	7.7	215	5
16/09/24 12:40				3	13.6	73	8.3	218	5

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
16/09/24 12:45				3	13.6	72	9.3	216	4
16/09/24 12:50				3	13.6	74	8.1	215	4
16/09/24 12:55				3	13.6	75	7.5	215	5
16/09/24 13:00				3	13.8	75	7.5	214	5
16/09/24 13:05	0	1	1	3	13.9	74	7.3	213	5
16/09/24 13:10	0	1	1	3	13.8	75	7.7	211	5
16/09/24 13:15	0	1	1	3	13.6	76	8.4	207	5
16/09/24 13:20	0	1	1	3	13.6	77	7.6	212	7
16/09/24 13:25	0	1	1	3	13.5	77	8.6	212	5
16/09/24 13:30	0	1	1	3	13.5	77	7.9	213	5
16/09/24 13:35	0	1	1	3	13.4	79	7.2	216	5
16/09/24 13:40	0	1	1	3	13.5	77	7.7	213	5
16/09/24 13:45	0	1	1	3	13.6	75	7.6	210	5
16/09/24 13:50	0	1	1	3	13.6	76	7.4	219	5
16/09/24 13:55	0	1	1	3	13.4	79	6.9	219	5
16/09/24 14:00	0	1	1	2	13.3	80	7.3	220	5
16/09/24 14:05	0	1	1	2	13.1	80	8.0	222	5
16/09/24 14:10	1	1	2	2	12.9	82	8.4	224	4
16/09/24 14:15	1	1	1	2	12.9	82	7.2	226	4
16/09/24 14:20	1	1	2	1	13.0	82	5.9	221	5
16/09/24 14:25	1	1	2	1	13.0	82	6.1	221	6
16/09/24 14:30	0	1	1	1	13.2	81	6.1	224	4
16/09/24 14:35	0	1	1	1	13.2	79	6.6	222	5
16/09/24 14:40	0	1	1	1	13.2	78	6.7	222	4
16/09/24 14:45	2	11	13	1	13.3	79	6.4	218	4
16/09/24 14:50	2	2	4	1	13.4	81	5.9	222	5
16/09/24 14:55	1	0	2	1	13.4	82	5.9	221	5
16/09/24 15:00				1	13.4	82	6.7	224	4
16/09/24 15:05	1	1	2	1	13.3	81	6.9	217	5
16/09/24 15:10	1	0	1	1	13.4	81	6.9	219	4
16/09/24 15:15	1	0	1	1	13.4	82	6.9	217	4
16/09/24 15:20	0	0	1	1	13.4	83	5.8	208	7
16/09/24 15:25	1	2	2	1	13.5	81	6.2	203	6
16/09/24 15:30	1	8	9	1	13.6	81	5.8	205	5
16/09/24 15:35	1	1	3	1	13.5	81	6.3	209	6
16/09/24 15:40				1	13.6	81	6.2	211	7
16/09/24 15:45	1	0	1	1	13.6	80	6.0	204	4
16/09/24 15:50	1	2	3	1	13.7	79	6.1	196	4
16/09/24 15:55	1	2	3	1	13.8	78	6.1	194	5
16/09/24 16:00	1	3	3	1	13.9	80	6.7	195	6
16/09/24 16:05	1	2	3	1	13.6	81	7.4	197	4
16/09/24 16:10	1	2	2	1	13.5	81	7.4	199	4
16/09/24 16:15	1	1	2	1	13.5	80	8.1	199	4
16/09/24 16:20	1	1	2	1	13.5	81	7.7	202	4
16/09/24 16:25	2	2	5	0	13.5	79	7.4	199	4
16/09/24 16:30	0	1	1	0	13.6	79	7.4	200	5
16/09/24 16:35	0	1	1	1	13.6	80	6.5	195	4
16/09/24 16:40	0	1	1	1	13.6	81	7.4	194	5
16/09/24 16:45	0	1	1	1	13.5	81	7.2	193	5
16/09/24 16:50	0	2	2	1	13.4	81	7.8	194	4
16/09/24 16:55	0	2	2	1	13.4	80	7.4	196	3
16/09/24 17:00	0	2	2	1	13.3	81	7.4	197	4
16/09/24 17:05	1	3	4	1	13.3	83	7.2	197	5
16/09/24 17:10	1	2	3	1	13.2	84	7.5	196	5
16/09/24 17:15	0	1	2	1	13.3	83	8.0	195	5
16/09/24 17:20	0	1	1	0	13.2	84	7.4	195	4
16/09/24 17:25	0	1	2	0	13.2	83	7.4	195	5
16/09/24 17:30	0	1	2	1	13.2	83	7.7	199	5
16/09/24 17:35	0	1	2	1	13.0	86	7.3	205	7
16/09/24 17:40	1	3	3	1	13.0	84	7.9	206	4
16/09/24 17:45	0	2	3	1	13.1	84	7.0	209	4
16/09/24 17:50	0	2	2	1	13.1	84	6.8	209	4
16/09/24 17:55	1	12	13	1	13.1	83	7.0	211	4
16/09/24 18:00	1	0	1	1	13.0	82	6.9	209	5
16/09/24 18:05	0	2	2	1	13.2	80	6.8	206	5
16/09/24 18:10	1	8	9	1	13.2	78	7.7	204	4
16/09/24 18:15	1	7	7	1	13.2	77	8.1	208	4
16/09/24 18:20	1	5	6	1	13.1	80	7.1	210	5
16/09/24 18:25	0	4	4	1	13.0	81	6.9	208	5
16/09/24 18:30	0	2	2	1	13.0	82	7.2	210	4
16/09/24 18:35	0	1	1	1	13.0	82	7.5	213	3
16/09/24 18:40	0	1	1	1	13.0	83	6.7	212	4
16/09/24 18:45	0	1	1	1	12.9	83	6.7	212	4
16/09/24 18:50	0	1	1	1	13.0	85	6.0	212	6
16/09/24 18:55	0	2	2	1	12.9	84	6.8	210	6
16/09/24 19:00	0	3	3	1	13.0	84	6.6	209	5
16/09/24 19:05	0	3	3	1	12.9	83	7.8	213	3
16/09/24 19:10	0	1	1	1	12.9	83	7.1	212	4
16/09/24 19:15	0	1	1	1	12.9	83	7.0	214	5
16/09/24 19:20	0	1	2	1	13.0	84	7.1	216	4
16/09/24 19:25	0	2	2	1	12.9	85	7.2	213	5
16/09/24 19:30	0	1	1	1	12.8	84	7.0	212	4
16/09/24 19:35	0	1	1	1	12.7	84	7.0	217	5
16/09/24 19:40	0	1	1	1	12.8	86	6.3	219	4
16/09/24 19:45	0	1	1	1	12.8	87	5.8	222	4
16/09/24 19:50	0	1	1	1	12.8	86	6.2	223	4

Station Pier Ambient Air Quality Monitoring
September 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 (°)
16/09/24 19:55	0	1	1	1	12.7	86	5.8	225	4
16/09/24 20:00	0	1	1	1	12.8	86	6.4	227	5
16/09/24 20:05	0	1	1	1	12.8	86	6.3	229	5
16/09/24 20:10	0	1	1	1	12.8	87	5.9	223	6
16/09/24 20:15	0	1	1	1	12.8	87	5.9	229	6
16/09/24 20:20	0	1	1	1	12.6	86	6.4	226	6
16/09/24 20:25	0	1	1	1	12.8	85	6.5	222	6
16/09/24 20:30	0	1	1	1	12.8	86	6.8	222	4
16/09/24 20:35	0	1	1	1	12.6	87	7.2	229	4
16/09/24 20:40	0	1	1	1	12.5	88	7.1	225	4
16/09/24 20:45	0	1	0	1	12.5	89	6.3	227	6
16/09/24 20:50	0	0	0	1	12.3	89	6.1	230	5
16/09/24 20:55	0	1	0	1	12.3	90	5.5	238	7
16/09/24 21:00	0	1	1	1	12.2	89	5.4	240	4
16/09/24 21:05	0	2	2	1	12.2	89	4.9	236	6
16/09/24 21:10	0	3	3	1	12.3	89	4.3	236	9
16/09/24 21:15	0	3	3	1	12.3	88	4.6	240	7
16/09/24 21:20	0	4	4	1	12.3	87	4.9	237	6
16/09/24 21:25	0	4	4	1	12.3	87	4.4	239	9
16/09/24 21:30	0	7	7	1	12.4	88	3.8	244	8
16/09/24 21:35	0	10	10	1	12.3	88	4.2	249	7
16/09/24 21:40	0	10	10	1	12.3	89	4.1	244	9
16/09/24 21:45	0	12	12	1	12.2	89	3.9	238	6
16/09/24 21:50	1	16	16	1	12.1	89	3.2	233	7
16/09/24 21:55	1	14	15	1	12.0	90	3.2	235	7
16/09/24 22:00	1	11	12	1	12.0	91	3.2	229	7
16/09/24 22:05	1	9	10	1	12.0	90	4.1	233	7
16/09/24 22:10	1	11	11	1	12.0	90	3.7	240	9
16/09/24 22:15	1	12	13	1	12.0	90	3.9	244	12
16/09/24 22:20	1	13	14	1	12.0	89	4.1	246	6
16/09/24 22:25	1	12	13	1	12.0	88	4.4	253	12
16/09/24 22:30	1	8	9	1	12.0	88	4.8	246	8
16/09/24 22:35	1	8	8	1	12.1	87	5.5	244	8
16/09/24 22:40	1	8	9	1	12.1	86	5.5	241	9
16/09/24 22:45	1	10	11	1	12.1	86	5.0	242	7
16/09/24 22:50	2	23	25	1	12.0	86	5.3	243	8
16/09/24 22:55	16	30	45	1	12.1	85	5.6	244	8
16/09/24 23:00	11	21	32	1	12.0	85	5.3	244	8
16/09/24 23:05	2	11	13	1	12.0	85	5.5	237	7
16/09/24 23:10	1	8	9	1	11.9	87	6.0	235	6
16/09/24 23:15	1	5	6	1	11.7	88	4.8	237	7
16/09/24 23:20	1	13	13	1	11.6	88	4.3	248	7
16/09/24 23:25	2	21	22	1	11.7	88	4.9	255	7
16/09/24 23:30	3	24	27	1	11.8	86	4.6	256	7
16/09/24 23:35	4	14	18	1	11.8	86	4.5	256	4
16/09/24 23:40	4	14	18	1	12.0	86	4.6	256	6
16/09/24 23:45	4	15	18	1	11.9	85	5.2	252	8
16/09/24 23:50	4	15	19		11.9	85	4.8	254	5
16/09/24 23:55	4	12	15		11.8	85	4.7	259	8
17/09/24 00:00	3	6	8	1	11.8	85	4.5	255	6
17/09/24 00:05	2	5	7	1	11.9	85	4.7	258	8
17/09/24 00:10	1	4	6	1	11.8	85	3.3	270	11
17/09/24 00:15	1	4	6	1	11.7	86	4.1	261	8
17/09/24 00:20	1	4	5	1	11.6	86	4.7	258	7
17/09/24 00:25	1	4	5	1	11.6	86	5.5	260	6
17/09/24 00:30	0	4	5	1	11.5	86	5.1	257	5
17/09/24 00:35	0	4	5	1	11.5	86	5.5	255	4
17/09/24 00:40	0	4	5	1	11.5	87	5.1	262	7
17/09/24 00:45	0	5	5	2	11.5	87	5.0	258	6
17/09/24 00:50	0	5	5	1	11.4	87	5.6	257	8
17/09/24 00:55	0	5	5	1	11.5	87	5.4	256	7
17/09/24 01:00	0	6	6	2	11.4	87	5.2	259	7
17/09/24 01:05					11.4	87	5.3	257	7
17/09/24 01:10					11.4	86	4.7	255	6
17/09/24 01:15					11.4	87	4.7	255	8
17/09/24 01:20					11.4	86	5.3	257	7
17/09/24 01:25					11.4	87	4.9	254	6
17/09/24 01:30					11.4	87	4.7	255	7
17/09/24 01:35					11.4	87	4.2	259	8
17/09/24 01:40					11.4	87	3.5	260	9
17/09/24 01:45					11.3	86	4.0	257	7
17/09/24 01:50					11.3	87	4.0	260	7
17/09/24 01:55					11.3	87	4.0	256	5
17/09/24 02:00					11.4	86	3.7	258	8
17/09/24 02:05	0	6	6	1	11.2	87	3.7	267	8
17/09/24 02:10	0	5	5	1	11.3	86	3.8	265	8
17/09/24 02:15	0	5	5	0	11.3	87	4.6	258	6
17/09/24 02:20	0	4	4	0	11.4	86	5.4	260	6
17/09/24 02:25	0	4	4	1	11.4	86	5.2	259	6
17/09/24 02:30	0	3	4	1	11.3	86	4.6	263	6
17/09/24 02:35	0	3	3	1	11.3	86	4.8	260	5
17/09/24 02:40	0	3	3	1	11.4	85	3.5	269	10
17/09/24 02:45	0	3	4	1	11.3	85	4.0	267	10
17/09/24 02:50	0	4	4	1	11.4	85	3.7	263	10
17/09/24 02:55	0	4	4	1	11.4	84	4.1	265	7
17/09/24 03:00	0	4	5	1	11.4	83	3.8	268	10

Station Pier Ambient Air Quality Monitoring

September 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 (°)
17/09/24 03:05	0	5	5	1	11.3	83	3.4	270	12
17/09/24 03:10	0	5	5	0	11.4	82	3.8	268	11
17/09/24 03:15	0	5	6	0	11.3	83	2.5	283	14
17/09/24 03:20	0	5	6	1	11.4	83	2.6	282	13
17/09/24 03:25	0	5	5	1	11.3	83	3.0	275	13
17/09/24 03:30	0	6	6	1	11.3	83	2.9	275	15
17/09/24 03:35	0	6	6	1	11.2	82	3.8	269	12
17/09/24 03:40	0	6	6	1	11.3	82	4.5	265	9
17/09/24 03:45	0	5	5	0	11.3	83	5.0	261	7
17/09/24 03:50	0	5	5	0	11.4	82	5.0	261	7
17/09/24 03:55	0	5	5	0	11.3	83	5.2	261	7
17/09/24 04:00	0	5	5	1	11.4	84	4.7	257	9
17/09/24 04:05	0	5	5	1	11.4	84	6.2	255	9
17/09/24 04:10	0	6	6	1	11.3	83	6.6	251	7
17/09/24 04:15	1	7	7	1	11.3	83	6.4	251	7
17/09/24 04:20	1	8	9	1	11.3	84	5.5	257	8
17/09/24 04:25	1	8	9	1	11.2	84	6.6	256	7
17/09/24 04:30	1	8	9	1	11.3	84	6.2	253	6
17/09/24 04:35	1	5	6	1	11.2	84	6.2	256	5
17/09/24 04:40	1	8	8	1	11.2	84	6.3	255	5
17/09/24 04:45	1	11	12	1	11.1	84	5.7	250	8
17/09/24 04:50	1	10	11	1	11.1	84	5.8	254	5
17/09/24 04:55	1	8	8	1	11.1	84	5.3	256	8
17/09/24 05:00	1	13	14	1	11.2	84	4.2	265	9
17/09/24 05:05	1	13	14	1	11.1	83	4.2	265	10
17/09/24 05:10	1	8	8	1	11.1	82	4.3	265	8
17/09/24 05:15	1	7	8	1	11.2	82	4.7	262	7
17/09/24 05:20	1	8	9	1	11.1	81	4.5	263	9
17/09/24 05:25	1	11	12	1	11.2	81	3.4	266	10
17/09/24 05:30	0	11	11	1	11.2	82	2.3	273	13
17/09/24 05:35	0	10	11	1	11.2	81	2.9	273	13
17/09/24 05:40	0	10	11	1	11.2	81	2.6	275	16
17/09/24 05:45	0	10	10	1	11.2	80	3.6	271	14
17/09/24 05:50	0	10	10	1	11.1	80	3.4	271	12
17/09/24 05:55	0	10	10	1	11.2	80	3.5	266	14
17/09/24 06:00	0	11	11	1	11.1	80	2.8	275	13
17/09/24 06:05	0	13	13	1	11.1	80	2.3	275	13
17/09/24 06:10	0	15	16	1	11.1	80	3.2	266	12
17/09/24 06:15	1	17	18	1	11.1	80	3.0	264	14
17/09/24 06:20	1	19	20	1	11.1	79	3.8	262	8
17/09/24 06:25	1	21	22	1	11.1	79	4.0	260	8
17/09/24 06:30	3	32	36	0	11.1	79	4.0	260	10
17/09/24 06:35	10	28	37	0	11.1	76	4.9	258	5
17/09/24 06:40	5	19	23	0	11.0	76	4.3	257	10
17/09/24 06:45	4	21	25	1	11.2	76	4.8	257	9
17/09/24 06:50	4	18	22	1	11.0	75	4.5	251	8
17/09/24 06:55	3	16	19	1	11.0	75	4.7	248	12
17/09/24 07:00	2	10	12	1	11.0	73	5.2	242	6
17/09/24 07:05	1	5	6	1	11.1	72	5.6	242	10
17/09/24 07:10	1	3	4	1	11.2	71	6.4	238	8
17/09/24 07:15	1	2	3	1	11.1	71	6.0	237	6
17/09/24 07:20	1	2	3	1	11.1	71	6.2	232	5
17/09/24 07:25	1	2	3	1	11.1	70	5.4	239	9
17/09/24 07:30	1	3	3	1	11.1	69	5.0	246	7
17/09/24 07:35	0	4	4	1	11.1	68	6.2	245	6
17/09/24 07:40	1	10	11	1	11.0	69	4.9	251	8
17/09/24 07:45	1	11	12	1	11.1	70	4.9	262	6
17/09/24 07:50	1	11	12	1	11.1	70	4.8	253	6
17/09/24 07:55	1	12	13	0	11.1	68	4.3	249	7
17/09/24 08:00	1	11	13	0	11.1	69	5.1	259	8
17/09/24 08:05	1	10	11	1	11.0	67	5.7	248	7
17/09/24 08:10	1	8	10	1	11.0	67	5.0	244	11
17/09/24 08:15	1	6	7	1	11.0	67	6.1	242	9
17/09/24 08:20	1	7	8	1	11.0	67	6.5	254	6
17/09/24 08:25	1	7	8	1	10.9	68	5.4	251	10
17/09/24 08:30	1	12	13	1	11.0	68	5.1	263	7
17/09/24 08:35	2	8	9	1	10.9	68	6.1	266	8
17/09/24 08:40	2	6	8	1	10.9	68	6.6	265	6
17/09/24 08:45	1	5	6	1	10.8	67	5.4	263	8
17/09/24 08:50	1	5	7	1	10.8	67	5.5	258	8
17/09/24 08:55	1	5	7	1	10.9	67	5.3	250	10
17/09/24 09:00	1	5	6	1	10.7	66	6.2	245	6
17/09/24 09:05	1	4	5	1	10.7	65	5.5	250	8
17/09/24 09:10	1	4	5	1	10.6	66	5.6	236	10
17/09/24 09:15	1	3	4	1	10.7	66	6.1	243	8
17/09/24 09:20	1	3	4	1	10.6	66	4.8	245	8
17/09/24 09:25	1	3	3	1	10.6	66	4.4	238	6
17/09/24 09:30	1	4	4	1	10.6	66	3.4	247	10
17/09/24 09:35	1	5	5	0	10.8	64	2.5	259	11
17/09/24 09:40	1	4	5	1	10.8	66	3.6	239	16
17/09/24 09:45	1	4	5	1	10.8	65	3.6	242	8
17/09/24 09:50	1	4	5	1	10.9	66	2.7	236	12
17/09/24 09:55	1	4	5	0	10.9	66	3.3	257	16
17/09/24 10:00	1	4	5	0	11.0	64	4.9	259	6
17/09/24 10:05	1	4	5	1	11.0	65	6.0	259	6
17/09/24 10:10	1	4	5	1	10.9	64	4.0	266	12

Station Pier Ambient Air Quality Monitoring

September 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 (°)
17/09/24 10:15	1	4	5	1	11.0	63	4.8	270	14
17/09/24 10:20	2	5	6	1	11.0	62	3.0	277	13
17/09/24 10:25	2	5	6	1	11.1	63	3.5	278	14
17/09/24 10:30	2	4	6	1	11.1	63	4.7	257	7
17/09/24 10:35	2	4	6	1	11.0	64	4.5	251	8
17/09/24 10:40	2	4	6	1	11.1	64	3.7	267	12
17/09/24 10:45	2	4	6	1	11.3	62	3.1	275	13
17/09/24 10:50	1	4	5	1	11.3	60	2.4	271	13
17/09/24 10:55	1	4	5	1	11.3	60	1.9	258	16
17/09/24 11:00	1	4	5	1	11.4	60	2.6	258	9
17/09/24 11:05	1	4	5	1	11.3	61	3.9	257	7
17/09/24 11:10	1	4	5	1	11.4	60	3.6	255	12
17/09/24 11:15	2	4	6	1	11.6	60	1.7	261	25
17/09/24 11:20	4	9	13	1	11.8	60	2.6	242	9
17/09/24 11:25	9	12	22	1	12.1	58	4.2	258	11
17/09/24 11:30	2	5	7	1	12.1	56	2.0	274	17
17/09/24 11:35	2	6	8	1	12.4	57	3.3	272	12
17/09/24 11:40	2	5	7	1	12.4	58	3.4	265	9
17/09/24 11:45	2	5	7	1	12.4	57	3.8	255	11
17/09/24 11:50	2	5	7	1	12.3	56	3.6	264	9
17/09/24 11:55	2	5	7	1	12.5	56	4.6	259	9
17/09/24 12:00	2	5	7	1	12.6	56	4.4	264	7
17/09/24 12:05	2	5	7	1	12.7	55	1.6	258	28
17/09/24 12:10	2	5	7	1	13.0	56	3.0	263	18
17/09/24 12:15	2	5	7	1	13.1	54	2.8	271	15
17/09/24 12:20	2	5	7	0	13.3	54	3.1	272	19
17/09/24 12:25	2	5	8	1	13.3	52	3.5	266	11
17/09/24 12:30	2	5	7	0	13.4	53	3.2	276	16
17/09/24 12:35	3	5	8	1	13.6	53	3.6	272	19
17/09/24 12:40	3	5	8	1	13.5	52	3.1	242	16
17/09/24 12:45	3	5	8	1	13.7	50	2.6	290	17
17/09/24 12:50	2	5	8	1	14.0	51	3.0	268	27
17/09/24 12:55	2	5	7	1	13.9	52	3.2	264	17
17/09/24 13:00	2	5	7	0	14.0	51	1.3	277	19
17/09/24 13:05	2	5	7	1	14.1	50	2.6	235	24
17/09/24 13:10	2	5	7	1	14.3	49	3.3	264	14
17/09/24 13:15	2	4	6	1	13.8	59	4.1	204	16
17/09/24 13:20	2	4	6	1	13.5	60	4.4	190	6
17/09/24 13:25	2	4	6	1	13.7	58	3.2	180	15
17/09/24 13:30	1	3	5	1	14.3	57	3.3	165	14
17/09/24 13:35	1	3	4	1	14.2	58	1.9	160	34
17/09/24 13:40	1	2	3	1	14.1	57	2.4	146	18
17/09/24 13:45	1	2	3	1	14.2	58	2.2	141	22
17/09/24 13:50	1	1	2	1	14.2	60	2.4	148	26
17/09/24 13:55	0	1	2	1	14.5	60	2.3	142	19
17/09/24 14:00	0	1	2	1	14.6	58	2.6	176	23
17/09/24 14:05	1	2	3	1	14.5	59	3.5	188	12
17/09/24 14:10	1	2	3	1	14.6	57	2.5	169	26
17/09/24 14:15	3	10	14	1	14.7	55	3.0	176	21
17/09/24 14:20	4	6	9	1	14.8	57	3.8	190	9
17/09/24 14:25	3	5	7	1	14.9	57	2.8	185	18
17/09/24 14:30	2	4	6	1	15.1	57	3.4	189	15
17/09/24 14:35	2	4	6	1	14.5	58	5.9	194	4
17/09/24 14:40	2	4	6	1	14.2	61	5.9	196	5
17/09/24 14:45	2	4	6	1	14.1	63	6.1	198	4
17/09/24 14:50	2	1	3	1	13.7	62	6.8	197	4
17/09/24 14:55	1	2	3	1	13.8	63	6.5	196	4
17/09/24 15:00	1	1	2	1	13.7	62	6.4	197	4
17/09/24 15:05	1	1	2	1	13.9	61	6.2	194	3
17/09/24 15:10	1	1	2	1	14.2	60	5.8	193	3
17/09/24 15:15	1	2	3	1	14.1	61	6.0	194	3
17/09/24 15:20	1	2	3	1	14.0	60	6.3	194	3
17/09/24 15:25	1	3	4	0	14.4	59	3.3	188	10
17/09/24 15:30	1	3	5	0	15.0	58	3.7	191	10
17/09/24 15:35	1	4	5	1	14.6	58	4.6	191	6
17/09/24 15:40	2	4	6	1	14.7	58	4.0	190	11
17/09/24 15:45	2	6	8	1	14.8	57	3.0	188	11
17/09/24 15:50	2	6	8	0	15.1	58	2.9	183	16
17/09/24 15:55	2	6	9	1	15.1	58	3.0	181	14
17/09/24 16:00	2	2	4	1	15.0	59	2.6	167	16
17/09/24 16:05	2	1	2	1	15.2	58	2.3	164	21
17/09/24 16:10	1	1	2	1	15.0	58	2.2	146	26
17/09/24 16:15	1	1	2	1	14.5	60	2.6	130	15
17/09/24 16:20	1	1	2	1	14.2	62	3.0	128	12
17/09/24 16:25	1	2	2	1	14.0	61	3.1	131	12
17/09/24 16:30	1	2	2	0	13.9	62	2.8	127	15
17/09/24 16:35	0	2	2	1	13.9	62	2.4	127	14
17/09/24 16:40	0	1	2	1	13.9	61	2.4	125	14
17/09/24 16:45	0	1	2	0	14.0	60	3.7	129	12
17/09/24 16:50	0	1	1	0	14.0	61	3.3	134	15
17/09/24 16:55	0	1	1	0	13.9	61	3.2	127	12
17/09/24 17:00	0	1	2	1	13.8	62	3.0	130	15
17/09/24 17:05	0	1	2	1	14.0	63	2.1	126	20
17/09/24 17:10	0	1	1	0	14.1	62	2.2	127	18
17/09/24 17:15	0	1	1	0	14.1	60	2.8	129	12
17/09/24 17:20	0	1	1	0	13.9	62	2.4	128	15

Station Pier Ambient Air Quality Monitoring
September 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 (°)
17/09/24 17:25	0	1	1	0	13.9	63	2.2	125	17
17/09/24 17:30	0	1	1	0	14.0	62	2.6	127	12
17/09/24 17:35	0	1	1	0	13.9	63	2.5	127	13
17/09/24 17:40	0	1	1	1	13.9	63	2.0	124	18
17/09/24 17:45	0	2	2	1	13.9	64	2.7	128	12
17/09/24 17:50	0	2	2	1	13.8	63	2.1	126	18
17/09/24 17:55	0	2	2	1	13.6	66	2.6	129	14
17/09/24 18:00	0	3	3	1	13.6	67	2.5	129	13
17/09/24 18:05	0	3	3	1	13.5	69	1.3	112	23
17/09/24 18:10	0	3	3	1	13.6	69	2.1	110	12
17/09/24 18:15	0	3	4	1	13.6	70	3.0	104	6
17/09/24 18:20	0	4	4	1	13.4	70	2.6	95	6
17/09/24 18:25	0	4	4	1	13.3	68	2.8	95	5
17/09/24 18:30	0	4	4	1	13.4	69	2.5	98	4
17/09/24 18:35	0	4	4	1	13.4	68	2.6	98	5
17/09/24 18:40	0	4	4	1	13.3	67	2.2	96	5
17/09/24 18:45	0	4	4	1	13.3	67	2.0	98	6
17/09/24 18:50	0	4	5	1	13.3	64	2.1	93	5
17/09/24 18:55	0	5	5	1	13.3	65	1.9	99	6
17/09/24 19:00	0	6	6	1	13.3	65	1.2	104	8
17/09/24 19:05	0	8	8	1	13.2	65	1.3	99	9
17/09/24 19:10	0	8	8	0	13.1	65	1.4	98	6
17/09/24 19:15	0	9	9	0	13.1	65	1.3	97	8
17/09/24 19:20	0	10	10	1	13.0	64	0.9	78	10
17/09/24 19:25	0	10	11	1	13.0	64	1.0	69	11
17/09/24 19:30	1	14	15	1	12.9	65	1.2	41	9
17/09/24 19:35	3	33	36	0	12.7	65	1.7	40	6
17/09/24 19:40	8	29	37	0	12.5	65	1.5	49	6
17/09/24 19:45	8	27	35	0	12.6	65	1.3	48	9
17/09/24 19:50	4	26	30	0	12.6	65	1.3	50	7
17/09/24 19:55	2	24	27	0	12.6	65	1.3	49	7
17/09/24 20:00	3	26	29	0	12.4	66	1.5	37	7
17/09/24 20:05	7	32	39	1	12.4	66	1.3	25	7
17/09/24 20:10	14	32	46	1	12.3	66	0.9	14	11
17/09/24 20:15	15	32	47	1	12.2	66	0.6	351	21
17/09/24 20:20	11	32	43	1	12.3	66	0.6	25	23
17/09/24 20:25	14	31	45	1	12.3	65	0.9	35	10
17/09/24 20:30	18	33	50	1	12.3	65	0.7	14	9
17/09/24 20:35	21	35	56	1	12.4	65	0.7	17	6
17/09/24 20:40	22	35	57	1	12.1	66	0.8	9	8
17/09/24 20:45	22	34	56	1	12.0	66	1.0	3	11
17/09/24 20:50	21	34	55	1	12.2	64	1.0	328	15
17/09/24 20:55	19	34	54	1	12.4	63	1.0	333	23
17/09/24 21:00	17	35	52	1	12.4	62	1.2	345	19
17/09/24 21:05	13	34	46	1	12.4	62	1.0	339	27
17/09/24 21:10	10	31	41	1	12.4	62	1.1	322	27
17/09/24 21:15	7	29	36	1	12.4	62	0.9	341	39
17/09/24 21:20	8	30	38	1	12.3	62	1.0	354	30
17/09/24 21:25	8	30	39	1	12.2	64	1.7	304	17
17/09/24 21:30	11	32	43	1	12.2	63	1.1	5	41
17/09/24 21:35	14	34	49	1	12.0	64	1.6	353	50
17/09/24 21:40	17	34	51	1	12.0	64	1.2	337	44
17/09/24 21:45	29	30	59	1	12.0	64	1.6	24	23
17/09/24 21:50	28	35	63	1	11.9	66	2.3	277	38
17/09/24 21:55	29	34	63	1	12.1	67	1.3	280	23
17/09/24 22:00	29	34	63	1	12.0	66	1.4	309	48
17/09/24 22:05	29	34	63	1	11.9	64	1.1	339	44
17/09/24 22:10	27	34	61	1	12.0	63	1.6	335	32
17/09/24 22:15	25	34	59	1	12.0	63	1.4	329	45
17/09/24 22:20	24	34	58	1	12.0	62	1.4	323	38
17/09/24 22:25	22	35	57	1	12.0	62	1.4	343	36
17/09/24 22:30	21	35	56	1	11.9	61	1.5	319	30
17/09/24 22:35	21	34	55	1	11.9	61	1.2	318	27
17/09/24 22:40	19	34	53	1	12.0	61	0.9	329	43
17/09/24 22:45	19	33	52	1	11.8	60	1.2	321	33
17/09/24 22:50	18	33	51	1	11.8	60	1.5	322	25
17/09/24 22:55	16	32	48	1	11.8	59	1.4	342	31
17/09/24 23:00	12	31	43	1	11.7	59	1.4	331	33
17/09/24 23:05	10	29	40	1	11.7	58	2.0	339	27
17/09/24 23:10	10	29	39	1	11.6	58	1.4	331	30
17/09/24 23:15	9	29	38	1	11.6	58	1.2	328	31
17/09/24 23:20	9	29	38	1	11.5	58	1.0	333	36
17/09/24 23:25	9	29	38	1	11.4	58	1.5	356	28
17/09/24 23:30	10	29	38	1	11.3	58	1.5	347	28
17/09/24 23:35	9	28	37	1	11.4	57	1.2	335	38
17/09/24 23:40	8	27	35	1	11.3	57	1.5	345	32
17/09/24 23:45	8	27	35	1	11.2	57	1.2	327	35
17/09/24 23:50	6	26	33		11.5	56	1.7	330	29
17/09/24 23:55	4	20	24		11.7	54	2.3	323	22
18/09/24 00:00	2	16	17	2	11.8	53	2.0	318	28
18/09/24 00:05	1	14	15	2	11.9	53	1.3	340	35
18/09/24 00:10	1	14	15	2	11.8	53	1.3	350	32
18/09/24 00:15	1	19	20	2	11.7	54	1.8	347	24
18/09/24 00:20	2	22	23	2	11.5	54	2.0	359	22
18/09/24 00:25	2	22	23	2	11.5	55	1.7	347	32
18/09/24 00:30	1	21	22	1	11.5	55	2.0	355	21

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
18/09/24 00:35	1	20	21	2	11.4	55	1.9	357	24
18/09/24 00:40	1	20	21	2	11.4	55	1.9	355	27
18/09/24 00:45	1	20	21	2	11.3	55	2.1	354	25
18/09/24 00:50	2	20	22	2	11.4	56	2.2	353	23
18/09/24 00:55	2	21	23	2	11.2	56	1.4	354	36
18/09/24 01:00	2	22	24	2	11.1	56	1.7	348	28
18/09/24 01:05					11.1	57	1.7	348	30
18/09/24 01:10					11.0	57	1.1	336	47
18/09/24 01:15					11.0	57	1.6	356	22
18/09/24 01:20					10.9	57	1.5	343	29
18/09/24 01:25					11.0	57	1.4	342	29
18/09/24 01:30					10.9	58	1.2	336	32
18/09/24 01:35					10.9	58	1.4	336	34
18/09/24 01:40					10.8	58	1.5	353	30
18/09/24 01:45					10.8	58	1.5	346	31
18/09/24 01:50					10.8	58	1.7	347	30
18/09/24 01:55					10.7	58	1.6	332	33
18/09/24 02:00					10.8	58	2.1	341	28
18/09/24 02:05	3	21	24	2	10.8	58	2.2	343	22
18/09/24 02:10	2	21	23	2	10.7	58	1.6	340	30
18/09/24 02:15	2	20	22	2	10.6	58	1.8	350	31
18/09/24 02:20	2	20	21	2	10.6	58	1.6	341	30
18/09/24 02:25	1	19	21	2	10.6	59	1.0	329	38
18/09/24 02:30	1	18	19	1	10.6	59	1.9	286	36
18/09/24 02:35	1	18	19	1	10.9	63	4.6	236	7
18/09/24 02:40	1	16	17	1	10.8	65	5.2	238	8
18/09/24 02:45	1	16	17	2	10.8	65	4.1	244	7
18/09/24 02:50	1	15	16	2	10.9	64	4.7	244	8
18/09/24 02:55	2	14	16	2	10.9	63	3.8	242	6
18/09/24 03:00	2	15	17	2	10.9	64	2.8	259	12
18/09/24 03:05	2	10	12	2	10.7	64	2.4	262	9
18/09/24 03:10	2	8	10	2	10.7	64	3.2	259	7
18/09/24 03:15	1	6	7	2	10.8	66	2.2	264	12
18/09/24 03:20	2	20	21	2	10.8	65	1.2	270	23
18/09/24 03:25	4	27	32	2	10.6	66	2.0	256	16
18/09/24 03:30	4	17	21	2	10.7	68	2.1	257	17
18/09/24 03:35	1	9	11	2	10.7	67	1.2	281	20
18/09/24 03:40	1	8	8	2	10.4	67	1.6	277	16
18/09/24 03:45	1	8	8	2	10.3	67	1.5	279	17
18/09/24 03:50	0	7	8	2	10.1	67	1.2	277	18
18/09/24 03:55	0	8	8	2	10.1	67	1.5	281	17
18/09/24 04:00	0	10	11	2	9.9	65	1.5	299	10
18/09/24 04:05	1	20	21	2	9.8	65	1.6	302	10
18/09/24 04:10	1	13	13	2	9.7	66	0.9	318	22
18/09/24 04:15	1	13	13	2	9.3	66	1.2	344	13
18/09/24 04:20	1	16	17	2	9.3	67	1.4	338	12
18/09/24 04:25	3	28	31	2	9.3	66	1.2	331	14
18/09/24 04:30	6	24	31	2	9.3	66	1.2	327	13
18/09/24 04:35	7	23	30	2	9.0	67	1.2	352	12
18/09/24 04:40	17	28	45	2	8.8	68	1.0	350	15
18/09/24 04:45	21	29	50	2	8.9	68	1.0	348	15
18/09/24 04:50	20	29	48	2	8.8	68	1.0	352	19
18/09/24 04:55	19	28	47	2	8.7	69	0.9	10	26
18/09/24 05:00	19	28	47	2	8.7	68	1.2	352	22
18/09/24 05:05	17	28	45	2	8.8	67	0.9	350	30
18/09/24 05:10	15	27	42	2	9.0	64	1.3	339	27
18/09/24 05:15	10	27	38	2	9.3	62	1.0	334	29
18/09/24 05:20	11	28	39	2	9.3	63	1.1	337	28
18/09/24 05:25	11	27	38	2	9.2	63	1.1	344	21
18/09/24 05:30	12	28	40	2	9.1	63	1.0	344	22
18/09/24 05:35	18	31	49	2	9.1	63	1.1	333	20
18/09/24 05:40	20	30	49	2	9.1	64	0.9	312	32
18/09/24 05:45	23	27	50	2	9.1	65	0.9	322	29
18/09/24 05:50	20	29	50	2	9.1	63	1.1	335	23
18/09/24 05:55	23	29	52	2	9.0	63	1.2	352	23
18/09/24 06:00	35	30	65	2	8.9	64	1.3	352	27
18/09/24 06:05	40	32	72	2	8.8	63	1.4	345	24
18/09/24 06:10	47	27	74	2	8.8	63	1.2	357	24
18/09/24 06:15	61	34	95	2	8.8	63	1.1	346	31
18/09/24 06:20	64	34	98	2	8.8	63	1.0	350	28
18/09/24 06:25	45	32	78	2	8.9	63	0.9	314	33
18/09/24 06:30	35	33	68	2	9.0	61	1.5	355	25
18/09/24 06:35	26	31	56	2	9.0	61	1.1	356	26
18/09/24 06:40	24	29	53	2	8.9	61	1.3	2	25
18/09/24 06:45	24	28	53	2	9.1	60	2.0	359	29
18/09/24 06:50	27	29	56	2	9.2	59	1.7	355	28
18/09/24 06:55	35	29	64	2	9.4	59	1.6	350	25
18/09/24 07:00	45	32	77	2	9.6	59	1.3	347	29
18/09/24 07:05	48	29	77	2	9.7	58	1.5	341	25
18/09/24 07:10	36	27	64	2	10.0	57	1.9	348	31
18/09/24 07:15	27	29	56	2	10.2	56	1.9	349	30
18/09/24 07:20	24	27	51	2	10.4	55	1.9	347	26
18/09/24 07:25	24	25	49	2	10.7	53	2.0	357	24
18/09/24 07:30	23	25	48	2	10.9	53	2.5	353	23
18/09/24 07:35	22	25	47	2	10.8	53	2.1	352	30
18/09/24 07:40	22	25	47	2	11.0	52	2.7	4	18

Station Pier Ambient Air Quality Monitoring
September 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 (°)
18/09/24 07:45	22	25	47	2	11.2	52	2.5	359	21
18/09/24 07:50	22	25	47	2	11.3	52	2.8	352	24
18/09/24 07:55	22	25	47	2	11.4	52	1.9	339	34
18/09/24 08:00	23	25	48	2	11.6	51	2.5	350	27
18/09/24 08:05	24	24	48	2	11.7	51	2.6	346	31
18/09/24 08:10	24	24	49	2	11.9	50	2.4	352	33
18/09/24 08:15	25	25	50	2	12.1	50	1.9	350	27
18/09/24 08:20	25	24	50	2	12.3	48	2.5	357	23
18/09/24 08:25	24	24	48	2	12.7	48	1.9	336	35
18/09/24 08:30	23	23	46	2	12.9	47	2.1	5	26
18/09/24 08:35	21	21	42	2	13.1	46	3.1	4	20
18/09/24 08:40	14	15	29	2	13.1	46	2.2	350	26
18/09/24 08:45	12	16	27	2	13.2	46	2.8	352	29
18/09/24 08:50	11	16	27	2	13.4	45	2.3	355	28
18/09/24 08:55	11	16	27	2	13.7	45	2.8	351	26
18/09/24 09:00	10	15	26	2	13.8	44	2.8	3	26
18/09/24 09:05	10	14	23	2	14.0	44	3.1	12	21
18/09/24 09:10	9	13	22	2	14.1	43	2.8	1	28
18/09/24 09:15	9	12	21	2	14.3	43	3.9	360	22
18/09/24 09:20	8	11	20	2	14.3	43	2.1	339	35
18/09/24 09:25	8	11	20	2	14.6	43	1.6	3	38
18/09/24 09:30	8	12	20	2	15.1	40	2.8	357	31
18/09/24 09:35	8	11	19	2	15.2	40	2.0	353	37
18/09/24 09:40	7	11	18	2	15.4	40	2.2	323	33
18/09/24 09:45	6	10	17	2	15.4	39	3.2	329	29
18/09/24 09:50	6	9	15	2	15.3	40	2.5	316	26
18/09/24 09:55	5	8	13	2	15.4	40	2.7	326	33
18/09/24 10:00	5	7	12	2	15.7	39	2.3	21	22
18/09/24 10:05	5	8	13	1	16.1	39	2.7	19	24
18/09/24 10:10	5	9	14	1	16.4	39	2.8	22	21
18/09/24 10:15	5	9	14	2	16.4	38	2.1	359	36
18/09/24 10:20	5	9	14	2	16.5	39	1.3	310	47
18/09/24 10:25	6	10	15	2	16.5	38	3.3	285	19
18/09/24 10:30	5	9	14	2	16.7	35	4.2	288	20
18/09/24 10:35	4	7	12	2	17.1	32	4.0	297	19
18/09/24 10:40	4	3	6	2	17.2	33	3.9	284	20
18/09/24 10:45	3	3	5	2	17.3	33	4.5	285	15
18/09/24 10:50	3	3	5	1	17.3	33	4.6	281	15
18/09/24 10:55	2	3	5	1	17.3	32	4.5	283	13
18/09/24 11:00	2	3	5	2	17.6	32	4.8	281	16
18/09/24 11:05	2	4	6	2	17.8	30	5.1	288	14
18/09/24 11:10	2	4	6	2	18.0	29	5.0	291	17
18/09/24 11:15	2	3	5	2	18.1	29	5.9	287	14
18/09/24 11:20	2	3	5	2	18.2	29	7.1	273	12
18/09/24 11:25	2	5	7	2	18.1	29	7.6	276	14
18/09/24 11:30	3	5	8	2	18.3	28	5.8	280	16
18/09/24 11:35	3	5	8	1	18.3	28	7.4	274	14
18/09/24 11:40	3	5	8	2	18.5	28	8.4	270	12
18/09/24 11:45	3	7	10	2	18.5	28	6.8	277	12
18/09/24 11:50	3	7	10	2	18.5	28	6.4	279	14
18/09/24 11:55	3	6	9	2	18.4	30	9.2	267	9
18/09/24 12:00	2	5	8	2	18.3	29	7.1	284	13
18/09/24 12:05	3	5	8	1	18.4	30	8.9	273	12
18/09/24 12:10	3	7	10	2	18.6	30	7.0	274	14
18/09/24 12:15	3	7	10	2	18.6	30	7.1	271	12
18/09/24 12:20	3	6	8	2	18.4	31	10.5	268	10
18/09/24 12:25	2	5	7	2	18.3	30	9.0	279	12
18/09/24 12:30	2	5	7	1	18.1	32	12.6	260	6
18/09/24 12:35	2	4	6	2	18.0	33	11.0	264	5
18/09/24 12:40	2	4	6	1	18.2	33	8.3	271	11
18/09/24 12:45	2	5	6	2	18.3	33	8.0	271	12
18/09/24 12:50	2	5	7	2	18.6	31	7.3	283	13
18/09/24 12:55	2	5	8	2	18.5	32	6.4	278	15
18/09/24 13:00	2	5	7	2	18.9	30	8.1	279	14
18/09/24 13:05	2	5	7	2	19.0	30	7.1	283	13
18/09/24 13:10	2	4	6	2	19.2	30	7.0	273	11
18/09/24 13:15	2	5	7	2	19.3	29	8.9	278	11
18/09/24 13:20	2	5	7	2	19.1	29	7.1	275	11
18/09/24 13:25	2	5	7	2	19.2	29	7.4	282	11
18/09/24 13:30	2	5	7	2	19.0	31	9.8	270	7
18/09/24 13:35	2	5	6	2	19.0	31	8.9	272	10
18/09/24 13:40	2	4	6	2	19.1	30	9.2	270	11
18/09/24 13:45	2	4	6	2	19.3	30	7.1	281	15
18/09/24 13:50	2	4	6	2	19.3	31	6.4	275	12
18/09/24 13:55	2	5	6	2	19.3	33	8.3	265	12
18/09/24 14:00	2	4	6	2	19.1	33	9.2	273	13
18/09/24 14:05	2	4	6	2	19.3	32	8.2	273	10
18/09/24 14:10	2	4	6	2	19.1	31	9.1	268	8
18/09/24 14:15	2	4	6	2	19.2	32	8.1	270	12
18/09/24 14:20	2	4	6	2	19.1	33	8.2	268	12
18/09/24 14:25	1	4	6	2	19.4	29	6.2	286	14
18/09/24 14:30	1	4	5	2	19.6	30	6.8	285	13
18/09/24 14:35	1	4	5	2	19.4	32	6.6	274	13
18/09/24 14:40	1	4	6	2	19.2	33	8.3	263	8
18/09/24 14:45	2	5	7	1	19.7	31	5.5	280	16
18/09/24 14:50	2	5	7	1	19.8	30	6.4	276	12

Station Pier Ambient Air Quality Monitoring
September 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 (°)
18/09/24 14:55	2	5	7	1	19.6	31	6.1	272	12
18/09/24 15:00	2	5	7	2	19.8	30	4.7	288	16
18/09/24 15:05	2	5	6	2	20.0	29	5.0	279	16
18/09/24 15:10	1	4	6	2	20.1	29	7.5	286	12
18/09/24 15:15	1	4	6	2	20.1	30	5.9	277	15
18/09/24 15:20	1	4	6	2	19.8	32	8.1	269	9
18/09/24 15:25	1	4	5	2	19.7	33	6.5	273	10
18/09/24 15:30	1	4	5	2	20.1	31	6.2	275	13
18/09/24 15:35	1	4	6	2	20.0	32	7.4	273	12
18/09/24 15:40	1	4	6	2	20.0	30	7.1	285	10
18/09/24 15:45	1	5	6	2	19.9	31	6.6	279	13
18/09/24 15:50	1	5	6	2	20.0	32	8.3	275	12
18/09/24 15:55	1	5	6	2	19.8	34	10.0	265	8
18/09/24 16:00	1	5	6	2	19.7	34	7.1	274	13
18/09/24 16:05	1	5	6	2	19.9	34	7.8	273	12
18/09/24 16:10	1	5	6	1	20.0	33	6.1	281	15
18/09/24 16:15	1	5	7	2	19.8	34	7.2	275	11
18/09/24 16:20	1	6	7	2	19.9	34	5.2	277	13
18/09/24 16:25	2	7	9	2	20.1	33	7.3	278	14
18/09/24 16:30	2	7	8	1	19.9	33	7.5	277	13
18/09/24 16:35	2	6	7	2	19.7	35	6.6	270	10
18/09/24 16:40	2	6	7	2	19.8	35	7.4	269	10
18/09/24 16:45	1	6	7	2	19.8	35	7.0	279	12
18/09/24 16:50	1	6	7	2	20.0	34	7.1	278	13
18/09/24 16:55	1	6	7	2	19.9	35	7.2	272	9
18/09/24 17:00	1	6	7	2	20.0	34	6.0	278	12
18/09/24 17:05	1	7	8	2	19.9	35	6.4	274	11
18/09/24 17:10	1	6	8	2	19.8	36	7.5	267	7
18/09/24 17:15	1	6	7	2	19.8	35	8.7	270	9
18/09/24 17:20	1	6	7	2	19.8	35	6.8	275	12
18/09/24 17:25	1	6	7	2	20.0	34	7.6	276	12
18/09/24 17:30	1	6	6	2	19.9	35	8.3	270	10
18/09/24 17:35	0	6	6	2	19.7	36	6.4	280	14
18/09/24 17:40	1	7	7	2	19.6	36	6.4	280	15
18/09/24 17:45	1	7	8	2	19.6	36	6.0	280	12
18/09/24 17:50	1	8	9	2	19.7	35	5.2	281	16
18/09/24 17:55	1	12	12	2	19.5	37	4.4	280	13
18/09/24 18:00	1	15	16	2	19.5	37	4.3	280	14
18/09/24 18:05	1	13	13	2	19.4	38	5.2	273	11
18/09/24 18:10	1	9	10	2	19.3	38	4.5	276	10
18/09/24 18:15	1	11	12	2	19.2	39	4.0	272	10
18/09/24 18:20	1	12	13	2	19.3	38	5.1	271	10
18/09/24 18:25	0	12	12	2	19.3	38	4.2	276	12
18/09/24 18:30	0	12	12	2	18.9	40	3.8	276	14
18/09/24 18:35	0	12	12	2	18.9	40	3.8	277	14
18/09/24 18:40	0	13	14	2	18.9	40	3.2	280	13
18/09/24 18:45	1	18	19	3	18.9	39	4.0	278	11
18/09/24 18:50	1	21	21	3	18.9	39	3.4	281	14
18/09/24 18:55	1	23	24	3	18.9	38	4.1	282	14
18/09/24 19:00	1	21	22	3	19.0	38	4.7	282	13
18/09/24 19:05	1	17	18	3	19.1	38	4.4	283	14
18/09/24 19:10	1	16	16	3	18.9	39	3.3	283	12
18/09/24 19:15	1	16	16	3	18.8	38	3.8	285	13
18/09/24 19:20	0	15	15	2	18.8	39	3.0	282	16
18/09/24 19:25	0	14	14	2	18.7	39	2.9	279	13
18/09/24 19:30	0	14	14	2	18.8	38	3.1	280	14
18/09/24 19:35	0	13	14	2	18.8	38	3.5	281	14
18/09/24 19:40	0	13	13	2	18.7	39	3.2	275	12
18/09/24 19:45	0	13	13	2	18.4	43	3.8	259	10
18/09/24 19:50	1	18	19	2	17.9	46	3.0	253	8
18/09/24 19:55	1	24	25	2	17.7	48	3.3	259	5
18/09/24 20:00	2	29	31	2	17.4	50	3.7	250	5
18/09/24 20:05	2	15	17	2	16.5	62	8.0	221	6
18/09/24 20:10				2	14.8	77	8.4	216	5
18/09/24 20:15	1	0	1	2	14.5	79	9.1	216	5
18/09/24 20:20	1	0	1	1	14.3	80	9.1	219	5
18/09/24 20:25	1	1	1	2	14.3	80	8.0	226	5
18/09/24 20:30	1	1	2	2	14.3	79	8.4	224	4
18/09/24 20:35	0	1	2	2	14.2	79	8.0	226	4
18/09/24 20:40	0	1	2	2	14.1	80	7.9	224	4
18/09/24 20:45	0	2	2	2	14.0	81	7.1	223	5
18/09/24 20:50	0	2	2	2	14.1	81	6.6	222	4
18/09/24 20:55	0	2	2	2	13.9	81	5.8	224	5
18/09/24 21:00	0	2	2	2	13.9	81	5.6	225	5
18/09/24 21:05	0	2	2	2	13.9	81	5.0	225	5
18/09/24 21:10	0	2	2	2	13.9	82	4.5	227	4
18/09/24 21:15	0	2	2	2	13.9	82	4.8	229	6
18/09/24 21:20	0	2	2	2	13.9	81	4.4	228	5
18/09/24 21:25	0	2	2	2	13.8	81	3.8	232	7
18/09/24 21:30	0	2	2	2	13.8	80	4.3	232	11
18/09/24 21:35	0	3	3	2	13.9	79	4.5	235	9
18/09/24 21:40	0	3	3	2	13.8	79	4.1	234	8
18/09/24 21:45	0	5	5	2	13.9	79	3.8	247	9
18/09/24 21:50	0	9	9	2	13.9	78	4.6	244	7
18/09/24 21:55	0	4	4	2	13.9	77	4.9	247	9
18/09/24 22:00	0	5	6	2	14.0	77	4.9	250	7

Station Pier Ambient Air Quality Monitoring

September 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 (°)
18/09/24 22:05	0	6	6	2	14.0	75	5.6	256	7
18/09/24 22:10	0	6	6	2	14.1	74	6.5	256	5
18/09/24 22:15	0	6	6	2	14.2	73	6.1	256	8
18/09/24 22:20	0	6	7	2	14.3	73	5.3	259	8
18/09/24 22:25	0	7	7	1	14.3	72	5.2	263	7
18/09/24 22:30	0	7	7	1	14.4	71	4.9	269	11
18/09/24 22:35	0	7	7	2	14.5	70	5.5	258	6
18/09/24 22:40	0	7	8	2	14.5	68	6.2	263	9
18/09/24 22:45	0	7	7	2	14.5	68	5.9	267	8
18/09/24 22:50	0	7	7	2	14.6	67	6.4	263	10
18/09/24 22:55	0	6	7	2	14.4	70	8.4	254	10
18/09/24 23:00	0	6	6	2	14.1	72	9.0	259	8
18/09/24 23:05	0	6	6	2	14.1	73	7.6	259	9
18/09/24 23:10	0	6	6	2	14.0	73	7.4	257	7
18/09/24 23:15	0	6	7	2	13.9	74	6.7	257	7
18/09/24 23:20	0	7	7	2	13.9	74	6.4	260	9
18/09/24 23:25	0	7	7	2	13.9	75	5.5	268	8
18/09/24 23:30	0	6	7	2	13.8	75	4.1	278	15
18/09/24 23:35	0	6	6	2	13.8	76	5.1	273	11
18/09/24 23:40	0	5	6	2	13.8	76	5.1	269	11
18/09/24 23:45	0	5	5	2	13.7	76	6.3	266	11
18/09/24 23:50	0	5	5		13.7	77	6.7	264	9
18/09/24 23:55	0	5	5		13.6	77	8.0	262	5
19/09/24 00:00	0	5	5	2	13.6	78	6.6	254	7
19/09/24 00:05	0	6	6	1	13.5	79	6.9	257	6
19/09/24 00:10	0	6	6	1	13.3	80	6.7	254	7
19/09/24 00:15	0	6	6	1	13.3	81	5.9	263	6
19/09/24 00:20	0	6	6	1	13.2	81	6.4	257	8
19/09/24 00:25	0	6	6	1	13.2	82	6.5	257	5
19/09/24 00:30	0	6	7	1	13.1	83	6.1	254	6
19/09/24 00:35	0	7	7	1	12.9	83	6.2	257	7
19/09/24 00:40	0	7	8	1	12.9	85	5.5	260	6
19/09/24 00:45	0	8	9	1	12.8	85	4.7	266	9
19/09/24 00:50	0	8	9	1	12.8	85	4.8	264	7
19/09/24 00:55	0	7	8	1	12.7	85	4.8	264	7
19/09/24 01:00	0	7	8	1	12.8	85	4.1	262	8
19/09/24 01:05					12.8	85	4.0	246	14
19/09/24 01:10					12.4	89	5.3	226	5
19/09/24 01:15					12.1	91	6.0	234	6
19/09/24 01:20					12.0	92	4.5	244	8
19/09/24 01:25					12.0	89	4.9	248	9
19/09/24 01:30					12.2	85	5.3	256	7
19/09/24 01:35					12.2	83	5.1	260	7
19/09/24 01:40					12.3	81	5.6	259	8
19/09/24 01:45					12.4	80	4.4	265	8
19/09/24 01:50					12.3	80	4.5	262	12
19/09/24 01:55					12.4	79	4.1	260	7
19/09/24 02:00					12.3	78	3.6	265	12
19/09/24 02:05	0	8	8	1	12.3	78	3.8	259	9
19/09/24 02:10	0	8	9	1	12.3	78	3.1	268	10
19/09/24 02:15	0	8	8	1	12.3	78	4.0	265	7
19/09/24 02:20	0	8	8	1	12.3	78	4.7	263	6
19/09/24 02:25	0	7	8	1	12.2	78	4.4	263	7
19/09/24 02:30	0	7	7	1	12.2	78	4.8	265	8
19/09/24 02:35	0	6	7	1	12.1	78	4.6	260	8
19/09/24 02:40	0	6	6	1	12.0	79	4.1	257	8
19/09/24 02:45	0	7	7	1	12.0	78	4.4	259	7
19/09/24 02:50	0	8	8	1	12.0	79	4.0	262	7
19/09/24 02:55	0	8	8	1	12.1	79	4.6	266	8
19/09/24 03:00	0	8	8	1	12.0	79	4.9	258	7
19/09/24 03:05	0	8	8	1	12.0	79	5.1	257	6
19/09/24 03:10	0	8	9	1	12.0	80	4.9	259	6
19/09/24 03:15	0	8	9	1	12.0	79	5.1	261	8
19/09/24 03:20	0	8	9	1	12.0	79	4.6	263	9
19/09/24 03:25	0	8	8	1	12.0	78	5.0	261	6
19/09/24 03:30	0	8	8	1	12.0	79	3.8	268	11
19/09/24 03:35	0	8	8	1	12.0	78	5.1	264	7
19/09/24 03:40	0	7	8	1	12.0	78	4.6	265	8
19/09/24 03:45	0	7	7	1	12.0	79	4.4	267	10
19/09/24 03:50	0	6	6	1	12.1	79	4.7	265	10
19/09/24 03:55	0	7	7	1	12.0	79	4.8	266	7
19/09/24 04:00	0	9	9	1	12.0	79	4.8	262	7
19/09/24 04:05	0	8	8	1	12.0	78	5.5	266	7
19/09/24 04:10	0	7	7	1	12.0	79	4.6	266	9
19/09/24 04:15	0	6	6	1	12.0	78	4.4	272	9
19/09/24 04:20	0	4	5	1	12.0	78	4.6	266	10
19/09/24 04:25	0	4	5	1	12.0	78	3.2	277	14
19/09/24 04:30	0	4	4	1	12.0	78	3.1	272	14
19/09/24 04:35	0	4	4	1	12.0	79	3.2	278	13
19/09/24 04:40	0	5	5	1	11.9	78	3.0	280	13
19/09/24 04:45	0	5	5	1	11.9	77	4.2	275	12
19/09/24 04:50	0	5	5	1	11.9	77	3.2	283	16
19/09/24 04:55	0	6	6	1	11.8	77	3.4	283	14
19/09/24 05:00	0	7	7	1	11.8	77	3.7	280	12
19/09/24 05:05	0	8	8	1	11.7	77	3.9	285	11
19/09/24 05:10	0	9	9	1	11.7	77	3.4	279	14

Station Pier Ambient Air Quality Monitoring

September 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 (°)
19/09/24 05:15	0	9	9	1	11.7	77	4.0	279	14
19/09/24 05:20	0	10	11	1	11.7	77	3.9	275	13
19/09/24 05:25	0	10	10	1	11.7	77	3.5	272	11
19/09/24 05:30	0	9	9	1	11.7	78	2.9	278	14
19/09/24 05:35	0	8	8	1	11.7	77	3.1	284	15
19/09/24 05:40	0	12	13	1	11.6	77	2.7	285	17
19/09/24 05:45	1	26	27	1	11.6	76	1.9	292	17
19/09/24 05:50	1	20	21	1	11.5	76	2.7	286	14
19/09/24 05:55	1	14	15	1	11.6	77	2.1	288	17
19/09/24 06:00	1	14	15	1	11.7	76	2.4	284	18
19/09/24 06:05	1	16	17	1	11.6	76	3.5	286	14
19/09/24 06:10	1	24	25	1	11.7	75	3.1	285	13
19/09/24 06:15	2	26	27	1	11.7	75	4.2	274	13
19/09/24 06:20	2	28	30	1	11.8	76	3.8	285	14
19/09/24 06:25	2	23	25	1	11.7	76	4.3	280	14
19/09/24 06:30	2	16	18	1	11.7	77	3.3	277	16
19/09/24 06:35	2	15	17	1	11.7	77	3.5	279	15
19/09/24 06:40	1	15	17	1	11.7	77	4.2	282	12
19/09/24 06:45	2	18	20	1	11.6	77	3.1	283	15
19/09/24 06:50	3	28	32	1	11.6	78	3.1	282	12
19/09/24 06:55	4	29	34	1	11.7	78	3.1	280	14
19/09/24 07:00	5	28	33	1	11.6	78	2.5	287	12
19/09/24 07:05	5	18	23	1	11.5	79	2.4	284	13
19/09/24 07:10	4	16	20	1	11.5	79	2.4	289	15
19/09/24 07:15	3	16	20	1	11.6	78	2.5	283	13
19/09/24 07:20	4	17	21	1	11.8	77	2.8	282	15
19/09/24 07:25	4	18	22	1	11.9	76	2.7	284	16
19/09/24 07:30	4	17	22	1	11.9	75	3.4	291	16
19/09/24 07:35	4	17	21	1	11.9	74	2.5	291	20
19/09/24 07:40	4	17	21	1	11.9	74	2.6	292	18
19/09/24 07:45	5	17	22	1	12.0	74	2.3	292	20
19/09/24 07:50	5	16	21	1	12.1	73	2.5	292	14
19/09/24 07:55	5	15	20	1	12.3	71	2.8	287	18
19/09/24 08:00	4	14	19	1	12.4	70	3.0	284	16
19/09/24 08:05	4	13	18	1	12.5	70	2.9	291	17
19/09/24 08:10	4	13	17	1	12.7	70	3.5	275	13
19/09/24 08:15	5	13	17	1	12.7	69	3.7	279	18
19/09/24 08:20	5	12	17	1	12.8	68	4.1	276	14
19/09/24 08:25	5	12	17	1	12.9	68	3.7	283	12
19/09/24 08:30	5	12	17	1	13.0	67	4.1	279	14
19/09/24 08:35	5	12	17	1	13.1	66	4.7	272	15
19/09/24 08:40	5	11	16	1	13.1	65	4.6	275	11
19/09/24 08:45	4	9	13	1	13.0	64	5.2	267	15
19/09/24 08:50	4	7	10	1	13.2	63	5.6	274	14
19/09/24 08:55	3	4	7	1	13.2	63	6.6	267	8
19/09/24 09:00	3	5	8	0	13.3	64	6.2	267	7
19/09/24 09:05	2	5	7	1	13.1	65	7.1	262	8
19/09/24 09:10	2	4	6	1	13.1	64	6.0	262	8
19/09/24 09:15	2	5	6	1	13.1	65	4.7	274	15
19/09/24 09:20	2	6	8	1	13.3	63	4.5	278	15
19/09/24 09:25	2	7	9	1	13.5	63	5.0	278	13
19/09/24 09:30	2	7	9	1	13.5	62	3.9	272	19
19/09/24 09:35	3	9	12	1	13.6	63	5.5	267	8
19/09/24 09:40	2	7	10	1	13.5	63	4.6	269	12
19/09/24 09:45	3	9	12	1	13.6	62	5.5	271	14
19/09/24 09:50	3	10	12	1	13.7	62	5.9	270	12
19/09/24 09:55	2	6	9	1	13.7	62	6.2	271	10
19/09/24 10:00	3	9	12	1	13.2	66	6.3	267	11
19/09/24 10:05	2	8	10	1	13.1	67	8.7	259	8
19/09/24 10:10	2	5	7	1	12.8	70	6.8	268	11
19/09/24 10:15	2	6	8	0	12.6	73	4.3	278	12
19/09/24 10:20	3	9	12	1	13.0	70	4.8	274	11
19/09/24 10:25	4	10	13	1	13.3	67	5.1	278	13
19/09/24 10:30	4	9	13	1	13.5	65	6.4	268	8
19/09/24 10:35	3	6	10	1	13.7	62	8.2	268	11
19/09/24 10:40	3	5	8	1	13.7	60	6.8	276	14
19/09/24 10:45	3	5	8	1	13.8	60	8.6	264	9
19/09/24 10:50	3	4	7	1	14.0	59	7.9	269	8
19/09/24 10:55	2	3	6	1	14.1	58	8.9	269	10
19/09/24 11:00	2	4	6	1	14.2	56	11.2	256	6
19/09/24 11:05	2	3	5	1	14.0	55	10.7	256	10
19/09/24 11:10	2	3	5	1	14.1	56	8.2	264	7
19/09/24 11:15	1	3	5	1	14.1	53	8.8	265	10
19/09/24 11:20	1	3	5	1	14.4	54	6.1	274	14
19/09/24 11:25	1	4	5	1	14.5	53	7.4	265	6
19/09/24 11:30	2	7	9	1	14.7	53	6.5	262	11
19/09/24 11:35	2	7	9	1	14.4	55	10.4	254	7
19/09/24 11:40	2	5	7	1	14.2	57	9.8	262	7
19/09/24 11:45	1	3	5	1	14.1	58	7.1	266	9
19/09/24 11:50	1	3	4	0	14.3	55	6.7	267	11
19/09/24 11:55	1	3	5	0	14.8	52	6.5	280	13
19/09/24 12:00	1	4	5	0	14.9	51	9.9	259	8
19/09/24 12:05	2	4	6	0	15.1	49	5.9	278	13
19/09/24 12:10	2	5	7	0	15.2	48	6.2	275	12
19/09/24 12:15	2	6	8	1	15.2	49	8.3	269	10
19/09/24 12:20	1	4	5	1	15.0	49	7.5	272	12

Station Pier Ambient Air Quality Monitoring
September 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 (°)
19/09/24 12:25	2	6	8	1	15.1	49	6.7	284	15
19/09/24 12:30	2	6	7	1	15.2	49	6.4	277	12
19/09/24 12:35	2	5	7	1	15.3	51	8.3	269	7
19/09/24 12:40	1	4	6	1	15.1	52	6.7	270	11
19/09/24 12:45	1	4	6	1	15.0	53	9.6	264	8
19/09/24 12:50	1	4	5	1	14.6	56	9.2	272	12
19/09/24 12:55	1	4	5	1	14.6	58	9.3	267	9
19/09/24 13:00	1	4	5	1	14.6	58	10.1	267	9
19/09/24 13:05	1	3	5	1	14.5	60	8.0	270	11
19/09/24 13:10	1	3	5	1	14.5	59	11.1	254	8
19/09/24 13:15	1	3	5	1	14.5	60	10.7	259	7
19/09/24 13:20	1	3	5	1	14.4	63	9.5	253	8
19/09/24 13:25	1	4	5	1	14.2	64	8.3	254	7
19/09/24 13:30	2	4	5	1	14.3	63	8.1	257	6
19/09/24 13:35	2	3	5	1	14.7	60	8.4	254	7
19/09/24 13:40	2	4	5	1	14.9	60	7.4	257	10
19/09/24 13:45	1	3	5	1	15.2	57	7.0	267	12
19/09/24 13:50	1	3	4	1	15.3	58	8.8	264	9
19/09/24 13:55	1	3	4	1	15.5	56	7.4	265	8
19/09/24 14:00	1	3	5	0	15.7	55	6.2	268	11
19/09/24 14:05	1	4	5	0	15.8	52	8.1	269	12
19/09/24 14:10	2	4	6	0	16.2	52	8.7	264	8
19/09/24 14:15	2	5	7	1	16.4	50	7.1	276	14
19/09/24 14:20	2	6	8	1	16.1	52	9.0	263	10
19/09/24 14:25	2	7	10	1	15.9	52	8.7	266	8
19/09/24 14:30	2	2	4	0	15.9	52	8.3	266	12
19/09/24 14:35	2	3	5	1	16.2	49	7.4	278	13
19/09/24 14:40	2	4	6	1	16.4	49	5.8	278	13
19/09/24 14:45	2	8	10	1	16.4	50	6.7	276	13
19/09/24 14:50	2	9	11	1	15.7	55	12.0	247	9
19/09/24 14:55	2	1	3	1	14.3	63	11.4	241	7
19/09/24 15:00	1	0	2	0	14.5	63	10.4	242	10
19/09/24 15:05	1	2	3	1	14.5	62	10.8	254	9
19/09/24 15:10	1	4	6	1	14.3	65	9.9	263	5
19/09/24 15:15	2	5	7	1	14.4	66	5.1	276	15
19/09/24 15:20	2	6	8	1	14.6	63	5.3	273	13
19/09/24 15:25	2	6	8	1	14.8	61	4.2	276	15
19/09/24 15:30	3	6	9	1	15.3	60	4.3	273	16
19/09/24 15:35	3	6	9	1	15.5	58	5.6	272	15
19/09/24 15:40	2	7	9	1	15.5	58	5.1	272	12
19/09/24 15:45	2	7	9	1	15.6	57	7.7	271	10
19/09/24 15:50	2	7	9	1	14.9	62	9.4	274	11
19/09/24 15:55	2	6	8	1	14.5	66	9.5	265	8
19/09/24 16:00	2	5	7	1	14.6	64	7.1	271	14
19/09/24 16:05	2	5	7	0	15.0	59	7.4	280	13
19/09/24 16:10	2	5	6	1	15.1	57	7.9	276	11
19/09/24 16:15	2	5	6	1	15.0	56	9.0	267	8
19/09/24 16:20	1	5	6	1	15.0	57	10.5	263	8
19/09/24 16:25	1	5	6	0	15.1	57	8.2	270	9
19/09/24 16:30	1	5	6	0	15.0	56	8.3	267	8
19/09/24 16:35	1	5	6	0	15.1	57	10.2	264	6
19/09/24 16:40	1	5	6	0	14.7	60	11.3	258	10
19/09/24 16:45	1	5	6	0	13.9	66	9.9	257	5
19/09/24 16:50	1	5	6	0	14.2	66	7.9	256	6
19/09/24 16:55	2	5	7	0	14.5	64	7.4	259	9
19/09/24 17:00	2	5	7	0	14.8	63	7.3	259	6
19/09/24 17:05	2	6	7	0	14.9	61	9.0	258	6
19/09/24 17:10	2	7	8	0	15.1	60	7.0	264	5
19/09/24 17:15	2	7	9	1	15.1	60	5.8	270	12
19/09/24 17:20	2	7	9	1	15.2	59	5.7	272	13
19/09/24 17:25	1	8	10	1	15.3	58	5.5	278	14
19/09/24 17:30	2	11	12	1	15.4	59	5.1	275	14
19/09/24 17:35	1	7	8	1	15.4	59	6.1	275	12
19/09/24 17:40	1	4	5	1	15.5	57	7.3	272	10
19/09/24 17:45	1	4	5	1	15.4	58	5.7	273	12
19/09/24 17:50	1	4	5	1	15.3	58	5.3	275	12
19/09/24 17:55	1	5	6	1	15.3	58	8.1	257	9
19/09/24 18:00	1	7	8	1	15.3	56	8.9	260	9
19/09/24 18:05	1	9	10	1	15.3	56	9.2	254	7
19/09/24 18:10	1	4	6	1	15.2	58	9.0	260	6
19/09/24 18:15	1	4	5	1	14.7	62	11.2	269	7
19/09/24 18:20	1	4	5	1	13.7	71	10.2	264	7
19/09/24 18:25	1	4	5	1	13.1	77	7.9	263	5
19/09/24 18:30	1	4	5	1	13.0	78	8.5	254	6
19/09/24 18:35	1	5	6	1	12.6	81	8.6	242	10
19/09/24 18:40	1	5	6	1	12.4	82	8.7	241	6
19/09/24 18:45	1	6	7	1	12.5	81	8.2	246	6
19/09/24 18:50	1	5	6	1	12.5	80	8.8	250	7
19/09/24 18:55	1	5	6	1	12.6	80	8.2	255	7
19/09/24 19:00	1	5	6	0	12.3	83	6.9	267	10
19/09/24 19:05	0	5	6	0	12.2	83	7.1	263	7
19/09/24 19:10	0	5	6	1	12.4	82	6.7	265	6
19/09/24 19:15	0	6	6	1	12.5	82	5.4	268	9
19/09/24 19:20	0	6	6	1	12.5	82	5.9	266	8
19/09/24 19:25	0	6	6	1	12.7	78	7.6	264	8
19/09/24 19:30	0	6	6	1	12.9	76	7.3	267	7

Station Pier Ambient Air Quality Monitoring
September 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 (°)
19/09/24 19:35	0	6	6	1	12.9	76	7.0	263	6
19/09/24 19:40	0	6	7	1	12.9	76	6.2	266	7
19/09/24 19:45	0	6	7	1	12.8	77	4.7	270	8
19/09/24 19:50	0	7	7	1	12.7	78	3.0	275	13
19/09/24 19:55	0	7	7	1	12.5	78	2.6	280	14
19/09/24 20:00	0	7	7	1	12.5	77	3.4	289	14
19/09/24 20:05	0	16	16	0	12.6	77	3.3	286	15
19/09/24 20:10	0	16	17	0	12.6	76	3.2	286	13
19/09/24 20:15	0	15	15	1	12.6	76	3.5	286	13
19/09/24 20:20	0	14	14	1	12.6	76	3.1	283	14
19/09/24 20:25	1	14	15	1	12.6	75	3.0	289	17
19/09/24 20:30	1	19	20	1	12.6	75	2.9	293	15
19/09/24 20:35	1	19	20	1	12.7	75	2.7	288	15
19/09/24 20:40	1	18	19	1	12.7	73	3.5	287	14
19/09/24 20:45	1	17	18	1	12.8	73	3.2	281	16
19/09/24 20:50	1	18	19	1	12.7	73	3.0	288	11
19/09/24 20:55	1	17	18	1	12.6	72	2.8	289	13
19/09/24 21:00	1	15	15	1	12.5	71	4.2	282	15
19/09/24 21:05	1	15	16	1	12.7	71	3.3	280	14
19/09/24 21:10	1	16	17	1	12.6	72	4.2	273	11
19/09/24 21:15	1	10	11	1	12.7	72	3.6	267	12
19/09/24 21:20	0	9	9	1	12.7	73	2.8	272	10
19/09/24 21:25	0	9	10	1	12.5	73	2.7	270	13
19/09/24 21:30	0	10	10	1	12.5	73	2.4	279	16
19/09/24 21:35	0	9	10	1	12.5	72	2.6	279	15
19/09/24 21:40	0	9	9	1	12.5	73	2.4	277	16
19/09/24 21:45	0	9	9	1	12.4	72	2.5	279	13
19/09/24 21:50	0	10	10	1	12.4	73	1.4	280	19
19/09/24 21:55	0	12	12	1	12.2	72	2.1	306	13
19/09/24 22:00	0	14	15	1	12.1	71	2.0	308	10
19/09/24 22:05	0	14	14	1	12.0	72	1.8	305	14
19/09/24 22:10	0	12	13	1	12.0	72	1.8	305	10
19/09/24 22:15	0	11	11	1	12.0	72	2.0	307	10
19/09/24 22:20	0	10	11	1	12.1	72	1.7	301	10
19/09/24 22:25	0	11	11	1	12.1	72	2.3	296	19
19/09/24 22:30	0	12	12	1	12.2	72	2.1	291	13
19/09/24 22:35	0	13	13	1	12.2	72	2.2	296	13
19/09/24 22:40	0	12	12	1	12.2	72	2.6	293	12
19/09/24 22:45	0	11	11	1	12.3	71	2.6	297	14
19/09/24 22:50	0	10	10	1	12.4	71	2.3	289	16
19/09/24 22:55	0	10	10	1	12.4	70	2.4	290	16
19/09/24 23:00	0	10	10	1	12.5	72	1.9	278	16
19/09/24 23:05	0	10	10	1	12.3	74	3.8	252	13
19/09/24 23:10	0	10	10	1	11.8	77	5.5	238	13
19/09/24 23:15	0	9	9	1	11.5	79	4.8	236	8
19/09/24 23:20	0	8	9	1	11.4	79	4.0	249	12
19/09/24 23:25	0	8	8	1	11.5	79	3.4	268	10
19/09/24 23:30	0	8	9	1	11.6	78	2.3	290	15
19/09/24 23:35	0	9	9	1	11.7	76	3.7	288	12
19/09/24 23:40	0	9	9	1	12.0	74	3.7	286	12
19/09/24 23:45	0	10	11	1	12.0	75	3.0	286	12
19/09/24 23:50	0	10	11		12.0	75	3.0	292	13
19/09/24 23:55	0	9	10		11.9	76	2.6	289	15
20/09/24 00:00	0	7	7	1	11.8	77	2.7	289	20
20/09/24 00:05	0	5	5	1	11.7	77	3.0	286	11
20/09/24 00:10	0	6	7	2	11.6	77	2.9	303	9
20/09/24 00:15	0	9	9	2	11.5	78	2.9	305	10
20/09/24 00:20	0	12	12	3	11.5	78	3.1	306	12
20/09/24 00:25	0	17	18	2	11.5	78	2.7	305	12
20/09/24 00:30	0	16	17	2	11.4	78	2.6	304	9
20/09/24 00:35	0	10	10	2	11.4	77	3.0	304	9
20/09/24 00:40	0	7	8	2	11.4	77	2.6	299	9
20/09/24 00:45	0	8	8	2	11.5	76	3.2	304	8
20/09/24 00:50	0	9	9	2	11.6	74	3.1	302	11
20/09/24 00:55	0	8	8	2	11.6	74	3.0	302	10
20/09/24 01:00	0	8	8	2	11.6	74	3.1	303	14
20/09/24 01:05					11.5	73	2.7	303	12
20/09/24 01:10					11.6	73	2.8	299	12
20/09/24 01:15					11.5	72	3.2	304	10
20/09/24 01:20					11.6	72	3.5	305	12
20/09/24 01:25					11.5	71	3.4	303	13
20/09/24 01:30					11.5	71	3.2	304	12
20/09/24 01:35					11.5	70	3.7	304	12
20/09/24 01:40					11.6	70	3.2	304	11
20/09/24 01:45					11.6	70	3.0	304	12
20/09/24 01:50					11.6	70	3.7	304	12
20/09/24 01:55					11.6	70	3.9	307	11
20/09/24 02:00					11.5	69	3.8	304	15
20/09/24 02:05	0	6	7	1	11.4	70	3.7	303	12
20/09/24 02:10	0	6	6	1	11.4	70	3.4	306	13
20/09/24 02:15	0	5	6	1	11.5	69	3.6	309	11
20/09/24 02:20	0	5	5	1	11.5	70	3.0	301	16
20/09/24 02:25	0	5	5	2	11.4	71	3.2	295	16
20/09/24 02:30	0	4	4	2	11.4	70	2.6	299	13
20/09/24 02:35	0	4	4	1	11.5	71	3.4	296	11
20/09/24 02:40	0	4	4	1	11.5	72	4.6	292	12

Station Pier Ambient Air Quality Monitoring
September 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 (°)
20/09/24 02:45	0	4	4	1	11.5	72	3.5	287	12
20/09/24 02:50	0	4	4	1	11.5	73	3.7	291	14
20/09/24 02:55	0	3	4	2	11.5	73	3.0	294	14
20/09/24 03:00	0	4	4	1	11.4	73	2.7	303	14
20/09/24 03:05	0	4	4	1	11.2	73	2.9	304	12
20/09/24 03:10	0	4	4	1	11.1	73	3.0	303	11
20/09/24 03:15	0	6	6	2	11.2	73	2.8	300	10
20/09/24 03:20	3	27	30	2	11.1	73	3.3	305	9
20/09/24 03:25	2	13	15	2	11.2	72	3.4	304	15
20/09/24 03:30	1	9	10	1	11.2	72	3.4	300	13
20/09/24 03:35	1	10	10	1	11.1	71	3.4	301	10
20/09/24 03:40	0	10	11	1	11.2	71	3.2	306	10
20/09/24 03:45	0	10	10	1	11.1	71	2.8	304	15
20/09/24 03:50	0	10	10	1	11.1	71	2.4	306	16
20/09/24 03:55	2	20	22	1	11.0	71	2.5	306	13
20/09/24 04:00	3	20	23	1	11.0	70	3.0	308	12
20/09/24 04:05	1	9	10	1	11.0	70	3.1	304	13
20/09/24 04:10	1	7	8	1	11.0	70	3.3	305	13
20/09/24 04:15	1	7	8	1	10.9	70	3.2	305	9
20/09/24 04:20	0	7	7	1	10.8	70	2.9	302	13
20/09/24 04:25	0	6	7	1	10.8	70	2.7	303	13
20/09/24 04:30	0	6	7	1	10.8	70	2.3	308	18
20/09/24 04:35	0	7	7	1	10.8	70	1.8	318	21
20/09/24 04:40	0	8	8	1	10.8	70	1.8	308	18
20/09/24 04:45	0	9	9	2	10.8	69	2.2	311	17
20/09/24 04:50	0	10	10	2	10.8	70	2.0	307	19
20/09/24 04:55	0	10	10	2	10.8	69	2.4	306	16
20/09/24 05:00	0	10	11	1	10.8	69	2.6	301	12
20/09/24 05:05	0	10	11	1	10.8	69	2.8	303	11
20/09/24 05:10	0	10	10	1	10.9	69	2.9	306	14
20/09/24 05:15	0	10	10	1	10.9	69	3.3	306	11
20/09/24 05:20	0	10	10	1	10.8	69	3.1	307	13
20/09/24 05:25	0	9	10	2	10.9	69	2.8	306	10
20/09/24 05:30	0	10	10	2	10.8	69	3.4	303	9
20/09/24 05:35	0	10	10	2	10.9	69	3.4	304	10
20/09/24 05:40	0	11	11	2	10.8	69	3.5	303	9
20/09/24 05:45	0	11	12	1	10.8	69	3.5	306	13
20/09/24 05:50	0	12	13	1	10.9	69	3.0	306	13
20/09/24 05:55	1	13	13	2	10.9	69	3.0	304	10
20/09/24 06:00	1	13	14	1	10.9	69	3.1	301	12
20/09/24 06:05	1	14	15	1	10.9	69	3.0	304	14
20/09/24 06:10	1	15	15	1	10.8	69	2.8	304	13
20/09/24 06:15	1	15	16	1	10.9	69	2.4	306	14
20/09/24 06:20	2	17	18	1	10.9	68	3.0	302	15
20/09/24 06:25	5	32	37	1	11.0	68	3.4	304	11
20/09/24 06:30	11	29	41	1	11.0	68	3.5	302	14
20/09/24 06:35	11	27	38	1	11.0	68	3.3	309	16
20/09/24 06:40	11	26	37	1	11.1	68	2.5	310	19
20/09/24 06:45	12	27	40	2	11.1	68	2.1	304	17
20/09/24 06:50	13	27	40	1	11.1	68	1.9	310	13
20/09/24 06:55	11	27	38	2	11.1	69	2.0	304	18
20/09/24 07:00	11	26	37	2	11.3	68	2.1	313	19
20/09/24 07:05	15	25	39	2	11.3	68	1.2	329	36
20/09/24 07:10	25	25	50	2	11.4	67	1.9	316	20
20/09/24 07:15	24	27	52	2	11.4	67	1.4	312	23
20/09/24 07:20	24	28	52	2	11.4	67	1.9	318	15
20/09/24 07:25	23	28	51	2	11.4	68	1.5	313	25
20/09/24 07:30	22	28	50	2	11.5	68	2.1	302	21
20/09/24 07:35	21	28	49	2	11.7	66	3.1	299	16
20/09/24 07:40	21	28	49	2	11.7	66	1.9	305	16
20/09/24 07:45	20	27	48	2	11.7	66	1.8	316	26
20/09/24 07:50	19	27	46	2	11.7	66	1.5	306	29
20/09/24 07:55	18	26	44	2	11.7	66	1.5	351	32
20/09/24 08:00	17	25	42	2	11.7	66	1.1	323	41
20/09/24 08:05	17	24	41	2	11.9	66	1.3	321	37
20/09/24 08:10	17	24	41	2	12.0	66	1.4	328	34
20/09/24 08:15	16	23	40	2	12.2	65	2.5	305	23
20/09/24 08:20	15	23	38	2	12.3	64	2.7	303	14
20/09/24 08:25	14	22	37	2	12.4	64	2.7	307	24
20/09/24 08:30	14	22	35	2	12.5	64	2.5	304	21
20/09/24 08:35	13	21	34	2	12.6	63	3.7	304	16
20/09/24 08:40	12	21	33	2	12.7	63	2.9	301	19
20/09/24 08:45	12	20	32	2	12.7	62	3.3	302	15
20/09/24 08:50	11	19	30	2	12.9	63	2.9	297	17
20/09/24 08:55	10	18	28	2	13.0	63	3.6	280	16
20/09/24 09:00	8	11	19	2	13.2	63	3.4	284	17
20/09/24 09:05	6	6	12	2	13.4	61	3.8	294	15
20/09/24 09:10	3	8	12	2	13.5	62	3.7	278	15
20/09/24 09:15	3	9	12	2	13.6	61	5.0	282	14
20/09/24 09:20	3	8	11	2	13.6	62	5.2	278	14
20/09/24 09:25	3	8	11	2	13.6	61	5.0	282	15
20/09/24 09:30	3	8	11	2	13.8	62	4.1	281	16
20/09/24 09:35	3	9	12	2	13.9	61	5.0	285	14
20/09/24 09:40	3	10	13	2	13.8	62	5.9	281	14
20/09/24 09:45	3	10	13	2	13.9	63	6.0	271	10
20/09/24 09:50	3	10	13	2	13.9	63	5.4	274	12

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
20/09/24 09:55	4	11	15	2	13.9	63	3.8	272	13
20/09/24 10:00	4	11	16	2	14.2	62	4.8	280	11
20/09/24 10:05	4	9	13	2	14.3	61	5.0	282	16
20/09/24 10:10	4	8	12	2	14.4	60	5.5	284	11
20/09/24 10:15	4	7	11	2	14.4	61	5.0	279	15
20/09/24 10:20	3	7	10	2	14.4	59	5.1	281	16
20/09/24 10:25	3	4	7	2	14.5	58	5.0	287	15
20/09/24 10:30	2	5	7	2	14.6	59	4.9	282	16
20/09/24 10:35	3	7	10	2	14.7	59	5.2	279	14
20/09/24 10:40	3	7	10	2	14.8	57	4.9	282	13
20/09/24 10:45	3	6	9	2	14.8	57	4.9	275	12
20/09/24 10:50	3	7	10	2	14.9	58	4.0	271	14
20/09/24 10:55	3	9	12	2	15.1	58	3.7	284	15
20/09/24 11:00	3	8	11	2	15.0	56	4.6	290	13
20/09/24 11:05	3	5	8	2	14.9	55	4.8	284	15
20/09/24 11:10	2	6	8	2	15.1	56	4.3	284	17
20/09/24 11:15	2	5	7	2	15.0	55	3.9	288	18
20/09/24 11:20	2	5	7	2	15.1	56	4.0	284	16
20/09/24 11:25	2	6	8	2	15.1	57	5.5	273	13
20/09/24 11:30	2	6	8	2	15.1	57	3.0	272	15
20/09/24 11:35	2	7	9	2	15.2	56	3.4	281	15
20/09/24 11:40	2	8	10	2	15.3	56	6.0	276	13
20/09/24 11:45	2	7	10	2	15.2	57	7.0	268	7
20/09/24 11:50	2	6	8	2	15.1	58	6.3	271	12
20/09/24 11:55	2	7	9	2	15.2	56	5.0	281	11
20/09/24 12:00	2	7	9	2	15.4	56	4.8	272	13
20/09/24 12:05	3	9	12	2	15.5	57	4.4	275	13
20/09/24 12:10	3	8	11	2	15.6	57	6.9	270	9
20/09/24 12:15	3	8	11	2	15.6	58	5.8	271	10
20/09/24 12:20	3	7	10	2	15.7	57	4.0	290	19
20/09/24 12:25	3	6	9	2	15.9	56	5.7	272	16
20/09/24 12:30	3	5	8	2	15.8	57	7.9	269	8
20/09/24 12:35	2	5	7	2	15.8	57	8.3	265	9
20/09/24 12:40	2	5	8	2	16.0	55	5.6	278	12
20/09/24 12:45	2	5	8	2	16.2	55	4.2	279	16
20/09/24 12:50	2	5	8	2	16.3	55	4.0	279	14
20/09/24 12:55	2	6	8	2	16.4	54	3.8	279	19
20/09/24 13:00	3	6	9	2	16.6	54	5.0	274	14
20/09/24 13:05	3	6	9	2	16.7	52	5.9	279	14
20/09/24 13:10	3	5	8	2	16.9	50	6.7	283	16
20/09/24 13:15	2	4	7	2	16.8	50	5.8	283	16
20/09/24 13:20	2	4	6	2	16.8	51	5.4	280	13
20/09/24 13:25	2	5	7	2	16.9	50	5.6	286	16
20/09/24 13:30	2	4	6	2	17.0	51	5.9	278	14
20/09/24 13:35	2	5	8	2	17.1	51	5.0	276	14
20/09/24 13:40	2	5	7	2	17.3	49	6.0	285	18
20/09/24 13:45	2	4	6	1	17.2	49	6.2	278	14
20/09/24 13:50	2	4	6	2	17.3	49	5.9	279	12
20/09/24 13:55	2	5	7	2	17.3	50	5.8	281	16
20/09/24 14:00	2	5	8	2	17.5	48	5.2	278	14
20/09/24 14:05	2	6	8	2	17.7	48	4.8	286	16
20/09/24 14:10	2	6	8	2	17.7	48	5.5	279	15
20/09/24 14:15	2	6	7	2	17.5	49	5.1	283	15
20/09/24 14:20	2	5	7	2	17.5	49	5.1	284	15
20/09/24 14:25	2	6	8	2	17.3	50	4.4	285	16
20/09/24 14:30	2	6	8	2	17.5	49	4.0	287	17
20/09/24 14:35	2	6	8	2	17.7	47	5.9	279	13
20/09/24 14:40	2	6	8	2	17.6	48	6.5	279	14
20/09/24 14:45	2	6	8	2	17.4	49	4.8	278	12
20/09/24 14:50	2	6	8	2	17.5	48	4.3	288	18
20/09/24 14:55	2	6	7	2	17.6	47	4.4	295	17
20/09/24 15:00	1	5	7	2	17.8	46	5.2	297	13
20/09/24 15:05	1	5	6	2	17.9	46	4.6	292	13
20/09/24 15:10	1	5	6	1	17.8	46	6.0	283	16
20/09/24 15:15	1	5	6	2	17.7	47	5.2	272	11
20/09/24 15:20	1	5	6	1	17.6	47	4.6	282	15
20/09/24 15:25	1	5	6	1	17.7	47	5.1	273	13
20/09/24 15:30	1	6	7	1	17.6	49	5.0	269	16
20/09/24 15:35	1	7	8	2	16.8	56	7.3	242	9
20/09/24 15:40	1	7	7	2	15.1	72	7.4	227	4
20/09/24 15:45	1	11	12	2	14.6	74	5.7	231	6
20/09/24 15:50	2	15	17	2	14.5	77	6.3	225	3
20/09/24 15:55	1	2	2	2	14.4	76	7.2	225	4
20/09/24 16:00	0	2	2	1	14.2	76	5.4	226	4
20/09/24 16:05	0	2	2	2	14.3	76	3.5	237	7
20/09/24 16:10	0	2	3	1	14.5	75	2.8	253	14
20/09/24 16:15	1	7	7	1	14.7	75	1.5	275	18
20/09/24 16:20	1	16	17	2	14.8	75	1.5	275	13
20/09/24 16:25	3	23	25	2	14.9	73	2.0	256	11
20/09/24 16:30	5	27	33	2	15.1	73	2.0	265	13
20/09/24 16:35	12	27	39	2	15.3	72	3.4	271	13
20/09/24 16:40	4	15	18	2	15.4	68	8.9	233	11
20/09/24 16:45	1	2	3	2	14.2	74	9.8	232	6
20/09/24 16:50	2	9	11	2	13.8	75	9.0	238	7
20/09/24 16:55	2	7	9	2	13.9	73	8.5	250	7
20/09/24 17:00	1	6	7	2	14.0	72	9.1	244	8

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
20/09/24 17:05	1	5	6	2	14.0	73	7.9	247	6
20/09/24 17:10	1	5	6	2	14.0	74	7.8	248	7
20/09/24 17:15	1	5	6	2	13.8	77	6.0	246	9
20/09/24 17:20	1	6	7	2	13.7	77	4.4	275	14
20/09/24 17:25	1	7	8	2	13.9	74	3.2	292	12
20/09/24 17:30	1	9	10	2	14.3	72	2.3	300	21
20/09/24 17:35	1	11	12	2	14.5	69	2.4	283	20
20/09/24 17:40	1	11	12	2	14.5	70	3.1	280	15
20/09/24 17:45	1	14	15	2	14.6	70	2.6	281	11
20/09/24 17:50	2	22	24	2	14.6	70	2.4	281	14
20/09/24 17:55	2	27	29	2	14.5	71	4.0	241	14
20/09/24 18:00	9	23	32	2	14.7	73	6.8	228	5
20/09/24 18:05	0	8	8	2	14.3	72	11.1	244	9
20/09/24 18:10	0	6	6	2	12.9	80	12.7	257	6
20/09/24 18:15	0	5	5	2	12.2	87	11.7	258	6
20/09/24 18:20	0	5	5	2	11.9	87	11.2	260	7
20/09/24 18:25	0	5	5	2	11.8	89	7.9	267	6
20/09/24 18:30	0	5	5	2	11.8	89	4.5	275	13
20/09/24 18:35	0	5	5	2	12.0	87	3.7	283	14
20/09/24 18:40	0	10	10	2	12.1	85	3.4	284	15
20/09/24 18:45	1	27	28	2	12.4	83	3.7	286	12
20/09/24 18:50	1	25	27	2	12.6	81	3.9	289	11
20/09/24 18:55	2	24	25	2	12.7	80	3.5	290	12
20/09/24 19:00	2	23	24	2	12.7	81	3.2	286	12
20/09/24 19:05	2	21	23	2	12.9	81	2.7	291	12
20/09/24 19:10	1	18	19	2	12.9	80	3.3	296	11
20/09/24 19:15	1	12	13	2	12.9	81	3.2	289	13
20/09/24 19:20	1	10	11	2	13.0	80	3.6	287	14
20/09/24 19:25	1	10	10	2	13.0	79	4.0	285	15
20/09/24 19:30	0	10	10	2	13.2	78	3.4	289	13
20/09/24 19:35	0	9	10	2	13.1	78	3.3	290	15
20/09/24 19:40	0	9	9	2	13.3	77	3.3	285	14
20/09/24 19:45	0	8	8	2	13.3	77	3.7	291	13
20/09/24 19:50	0	8	8	2	13.3	76	3.5	287	14
20/09/24 19:55	0	8	8	2	13.3	76	3.6	292	13
20/09/24 20:00	0	7	8	2	13.3	76	3.3	287	15
20/09/24 20:05	0	8	8	2	13.3	76	3.6	287	14
20/09/24 20:10	0	9	9	2	13.2	76	3.7	285	15
20/09/24 20:15	1	9	10	2	13.2	75	4.0	287	14
20/09/24 20:20	1	10	11	2	13.2	75	4.2	284	17
20/09/24 20:25	1	10	11	2	13.1	74	4.7	288	13
20/09/24 20:30	1	11	11	2	13.1	74	4.9	285	12
20/09/24 20:35	1	10	11	2	13.2	73	5.1	287	14
20/09/24 20:40	1	9	10	2	13.4	73	4.9	285	13
20/09/24 20:45	1	9	9	2	13.3	72	4.7	286	15
20/09/24 20:50	1	8	9	2	13.3	72	5.2	287	10
20/09/24 20:55	1	8	9	2	13.4	72	4.3	285	15
20/09/24 21:00	1	9	9	2	13.3	73	3.9	283	13
20/09/24 21:05	1	9	10	2	13.2	73	3.6	285	15
20/09/24 21:10	1	10	11	2	13.2	73	4.2	286	15
20/09/24 21:15	1	10	11	2	13.1	72	3.1	288	17
20/09/24 21:20	1	10	11	2	13.2	72	3.9	282	15
20/09/24 21:25	1	11	12	2	13.2	72	4.0	284	14
20/09/24 21:30	1	12	13	2	13.2	71	4.1	281	17
20/09/24 21:35	1	14	15	2	13.2	71	3.7	284	15
20/09/24 21:40	1	14	15	2	13.2	70	4.0	280	15
20/09/24 21:45	1	14	15	2	13.2	71	3.4	283	16
20/09/24 21:50	1	14	15	2	13.1	71	3.2	281	13
20/09/24 21:55	1	16	16	2	13.1	70	3.6	287	12
20/09/24 22:00	1	16	17	2	13.1	70	3.2	295	18
20/09/24 22:05	1	13	14	2	13.1	70	3.4	289	17
20/09/24 22:10	1	9	9	2	13.0	71	2.8	290	16
20/09/24 22:15	1	7	8	2	12.9	71	2.6	305	14
20/09/24 22:20	1	6	7	2	12.9	70	3.0	305	15
20/09/24 22:25	1	6	7	2	12.9	70	2.8	297	20
20/09/24 22:30	0	6	7	2	12.9	69	3.8	302	14
20/09/24 22:35	0	6	7	2	13.1	68	3.7	299	17
20/09/24 22:40	0	6	6	2	13.2	68	2.8	290	18
20/09/24 22:45	0	5	6	2	13.2	67	3.9	288	17
20/09/24 22:50	0	5	5	2	13.3	66	4.0	291	16
20/09/24 22:55	0	5	5	2	13.2	66	3.3	280	15
20/09/24 23:00	0	5	5	2	13.2	66	4.0	289	12
20/09/24 23:05	0	5	5	2	13.3	66	4.0	283	12
20/09/24 23:10	0	6	6	2	13.2	66	4.8	284	12
20/09/24 23:15	0	7	7	2	13.2	66	4.3	281	16
20/09/24 23:20	0	9	9	2	13.2	67	4.3	285	12
20/09/24 23:25	1	10	11	2	13.1	66	5.3	283	16
20/09/24 23:30	1	6	7	2	13.1	66	4.8	285	15
20/09/24 23:35	0	5	5	2	13.2	66	4.4	281	15
20/09/24 23:40	0	4	4	2	13.1	66	3.7	277	15
20/09/24 23:45	0	4	4	2	13.1	67	3.5	279	16
20/09/24 23:50	0	3	4		13.2	66	4.5	285	15
20/09/24 23:55	0	3	3		13.2	66	4.4	285	15
21/09/24 00:00	0	4	4	2	13.2	67	4.3	285	14
21/09/24 00:05	0	4	4	2	13.1	66	4.9	284	12
21/09/24 00:10	0	5	5	2	13.2	67	3.6	283	15

Station Pier Ambient Air Quality Monitoring
September 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 (°)
21/09/24 00:15	0	5	5	2	13.1	67	3.5	285	17
21/09/24 00:20	0	5	5	2	13.1	68	4.6	287	15
21/09/24 00:25	0	5	6	2	13.1	69	4.4	278	16
21/09/24 00:30	0	7	7	2	13.0	70	4.7	282	14
21/09/24 00:35	0	8	8	2	12.9	71	5.4	275	12
21/09/24 00:40	0	6	6	2	12.8	71	4.8	273	11
21/09/24 00:45	0	5	5	2	12.7	72	4.3	275	13
21/09/24 00:50	0	6	6	2	12.6	72	4.3	279	14
21/09/24 00:55	0	8	8	2	12.6	72	4.5	281	14
21/09/24 01:00	0	11	11	2	12.7	72	4.0	279	13
21/09/24 01:05					12.7	72	5.1	279	13
21/09/24 01:10					12.8	72	4.5	276	13
21/09/24 01:15					12.8	72	5.1	273	13
21/09/24 01:20					12.9	71	5.7	269	10
21/09/24 01:25					12.8	72	4.6	274	13
21/09/24 01:30					12.8	73	5.2	269	12
21/09/24 01:35					12.8	73	5.3	269	11
21/09/24 01:40					12.8	74	4.2	280	16
21/09/24 01:45					12.7	73	4.3	281	13
21/09/24 01:50					12.7	73	4.6	282	15
21/09/24 01:55					12.8	73	4.4	278	15
21/09/24 02:00					12.7	72	5.0	285	13
21/09/24 02:05	0	10	10	2	12.8	72	4.6	283	14
21/09/24 02:10	0	7	7	2	12.7	72	4.9	285	13
21/09/24 02:15	0	7	7	2	12.7	71	4.4	282	14
21/09/24 02:20	0	8	9	2	12.7	71	4.3	282	14
21/09/24 02:25	0	8	8	2	12.7	72	4.0	277	14
21/09/24 02:30	0	6	6	2	12.5	72	4.4	275	12
21/09/24 02:35	0	5	5	2	12.4	72	4.1	281	13
21/09/24 02:40	0	5	5	2	12.4	73	3.7	284	14
21/09/24 02:45	0	7	7	2	12.4	73	3.4	282	14
21/09/24 02:50	0	12	12	2	12.3	73	3.1	281	13
21/09/24 02:55	0	12	13	2	12.3	73	3.9	286	11
21/09/24 03:00	0	11	12	2	12.2	74	4.0	288	14
21/09/24 03:05	0	10	10	2	12.2	74	2.5	289	16
21/09/24 03:10	0	7	7	2	12.1	74	3.1	285	15
21/09/24 03:15	0	6	7	2	12.1	74	3.5	285	13
21/09/24 03:20	0	8	8	2	12.0	73	3.9	282	14
21/09/24 03:25	0	9	10	2	12.0	73	3.9	286	12
21/09/24 03:30	0	12	12	2	12.1	73	4.1	289	12
21/09/24 03:35	0	11	12	2	12.1	72	3.9	288	10
21/09/24 03:40	0	11	12	2	12.1	72	3.3	285	14
21/09/24 03:45	0	12	12	2	12.0	72	2.9	290	15
21/09/24 03:50	0	11	11	2	12.1	72	3.3	288	17
21/09/24 03:55	0	10	10	2	12.2	71	4.2	288	14
21/09/24 04:00	0	10	10	2	12.2	71	4.2	287	15
21/09/24 04:05	0	10	11	2	12.3	71	4.5	283	12
21/09/24 04:10	0	11	11	2	12.3	72	4.3	279	15
21/09/24 04:15	0	11	11	2	12.4	73	4.2	280	13
21/09/24 04:20	0	9	9	2	12.4	72	5.2	278	10
21/09/24 04:25	0	7	7	2	12.4	72	4.7	277	14
21/09/24 04:30	0	6	6	2	12.4	72	5.3	279	12
21/09/24 04:35	0	7	7	2	12.4	72	4.1	276	13
21/09/24 04:40	0	7	8	2	12.3	72	3.9	282	13
21/09/24 04:45	0	9	9	2	12.3	72	5.0	275	12
21/09/24 04:50	0	9	9	2	12.3	73	3.7	279	13
21/09/24 04:55	0	8	8	2	12.2	73	3.5	277	13
21/09/24 05:00	0	7	7	2	12.2	73	4.0	273	9
21/09/24 05:05	0	6	6	2	12.1	73	3.8	280	14
21/09/24 05:10	0	6	6	2	12.1	72	3.9	277	12
21/09/24 05:15	0	6	7	2	12.1	72	3.3	279	14
21/09/24 05:20	0	7	7	2	12.1	72	3.3	286	9
21/09/24 05:25	0	8	8	2	12.2	72	2.1	283	16
21/09/24 05:30	0	12	12	2	12.1	71	2.8	282	16
21/09/24 05:35	0	14	14	2	12.1	72	3.0	283	14
21/09/24 05:40	0	14	14	2	12.2	71	3.3	283	15
21/09/24 05:45	0	13	13	2	12.1	72	4.1	277	15
21/09/24 05:50	0	13	13	2	12.2	73	4.2	284	14
21/09/24 05:55	0	13	13	2	12.1	74	3.6	282	14
21/09/24 06:00	0	13	13	2	12.0	74	4.1	283	14
21/09/24 06:05	0	12	13	2	12.0	73	4.0	288	14
21/09/24 06:10	0	12	12	2	12.1	74	4.1	285	13
21/09/24 06:15	0	11	11	2	12.1	73	3.8	285	11
21/09/24 06:20	0	11	11	2	12.0	73	3.4	289	14
21/09/24 06:25	0	11	11	2	12.0	73	3.5	282	15
21/09/24 06:30	0	10	11	2	12.1	73	2.8	283	17
21/09/24 06:35	1	9	10	2	12.1	71	3.1	290	13
21/09/24 06:40	0	8	8	2	12.2	72	3.3	288	14
21/09/24 06:45	0	7	8	2	12.1	72	4.2	285	11
21/09/24 06:50	1	8	9	2	12.2	73	3.7	285	16
21/09/24 06:55	1	9	10	2	12.1	73	3.5	285	14
21/09/24 07:00	1	10	11	2	12.1	73	3.8	284	15
21/09/24 07:05	1	11	12	2	12.1	73	3.6	288	12
21/09/24 07:10	1	11	12	2	12.0	74	3.0	286	15
21/09/24 07:15	1	10	11	2	12.0	73	3.2	298	14
21/09/24 07:20	1	8	9	2	12.0	74	3.5	295	13

Station Pier Ambient Air Quality Monitoring

September 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 (°)
21/09/24 07:25	1	7	7	2	12.0	73	3.4	286	15
21/09/24 07:30	0	6	6	2	12.0	73	3.8	286	15
21/09/24 07:35	1	6	7	2	12.1	73	3.2	284	15
21/09/24 07:40	0	7	7	2	12.0	73	3.4	290	15
21/09/24 07:45	1	7	7	2	12.1	73	3.1	282	15
21/09/24 07:50	1	6	7	2	12.2	74	3.2	287	11
21/09/24 07:55	1	6	6	2	12.2	74	3.4	289	13
21/09/24 08:00	1	6	6	2	12.2	72	4.2	295	10
21/09/24 08:05	1	5	6	2	12.4	73	3.1	297	19
21/09/24 08:10	1	5	6	2	12.4	72	3.5	305	17
21/09/24 08:15	1	5	6	2	12.5	73	3.7	289	16
21/09/24 08:20	1	5	6	2	12.5	73	3.1	289	19
21/09/24 08:25	1	5	6	2	12.5	73	3.6	284	15
21/09/24 08:30	1	5	5	2	12.5	72	4.0	284	15
21/09/24 08:35	1	4	5	2	12.7	72	3.7	279	17
21/09/24 08:40	1	4	5	2	12.7	72	3.8	290	13
21/09/24 08:45	1	4	5	2	12.7	71	3.5	287	15
21/09/24 08:50	1	4	5	2	12.8	72	2.6	292	17
21/09/24 08:55	1	4	5	2	12.9	71	3.4	290	14
21/09/24 09:00	1	4	5	2	13.1	71	3.3	287	15
21/09/24 09:05	1	4	5	2	13.1	71	3.2	295	20
21/09/24 09:10	1	4	5	2	13.1	71	2.9	302	19
21/09/24 09:15	1	4	5	2	13.3	69	3.0	296	21
21/09/24 09:20	1	4	5	2	13.4	68	4.2	280	15
21/09/24 09:25	1	4	5	2	13.3	68	3.5	280	15
21/09/24 09:30	1	4	5	2	13.6	67	3.5	303	18
21/09/24 09:35	1	3	4	2	13.7	67	3.2	283	18
21/09/24 09:40	1	3	4	2	13.7	67	4.2	275	14
21/09/24 09:45	1	3	4	2	13.7	65	3.7	294	18
21/09/24 09:50	1	3	4	2	13.8	66	4.2	283	18
21/09/24 09:55	1	3	4	2	13.8	65	5.2	284	12
21/09/24 10:00	1	3	4	2	13.8	65	4.8	276	12
21/09/24 10:05	1	4	5	2	14.0	64	4.8	276	14
21/09/24 10:10	2	5	6	2	14.1	63	5.9	271	10
21/09/24 10:15	2	4	6	2	13.9	62	5.2	277	13
21/09/24 10:20	1	3	5	2	14.1	63	5.6	285	17
21/09/24 10:25	1	3	4	2	14.3	63	3.7	276	15
21/09/24 10:30	1	3	5	2	14.4	60	5.1	276	16
21/09/24 10:35	1	3	5	2	14.6	59	4.3	278	15
21/09/24 10:40	1	3	5	2	14.8	58	3.9	281	19
21/09/24 10:45	1	3	5	2	14.9	58	3.2	282	15
21/09/24 10:50	1	3	5	2	14.8	57	3.9	286	16
21/09/24 10:55	1	3	4	2	14.7	58	6.6	274	16
21/09/24 11:00	1	3	4	2	14.3	62	7.5	262	7
21/09/24 11:05	1	3	4	2	14.4	60	6.5	270	8
21/09/24 11:10	1	3	4	2	14.6	60	6.3	272	14
21/09/24 11:15	1	4	5	2	14.2	61	10.8	255	6
21/09/24 11:20	1	4	5	2	14.0	57	9.5	251	6
21/09/24 11:25	1	4	6	2	14.0	59	7.9	257	7
21/09/24 11:30	1	5	6	2	14.1	58	9.1	261	5
21/09/24 11:35	1	4	6	2	14.2	60	6.1	271	10
21/09/24 11:40	1	4	5	2	14.3	59	5.8	272	11
21/09/24 11:45	1	4	5	2	14.6	58	7.0	264	8
21/09/24 11:50	1	4	5	2	14.8	59	5.5	284	13
21/09/24 11:55	1	4	5	2	15.0	58	4.6	276	15
21/09/24 12:00	1	4	5	2	15.2	57	4.6	282	14
21/09/24 12:05	1	4	5	2	15.3	56	6.6	260	10
21/09/24 12:10	2	4	6	2	15.2	57	6.6	260	10
21/09/24 12:15	2	4	6	2	15.3	55	7.6	265	8
21/09/24 12:20	1	4	5	2	15.4	55	6.5	271	11
21/09/24 12:25	1	3	4	2	15.4	55	7.2	265	8
21/09/24 12:30	1	3	4	2	15.5	55	5.5	278	13
21/09/24 12:35	1	4	5	2	15.5	54	6.2	272	11
21/09/24 12:40	1	3	4	2	15.6	55	5.3	272	13
21/09/24 12:45	1	3	5	2	15.7	53	5.2	285	11
21/09/24 12:50	1	4	5	2	15.8	54	5.2	275	16
21/09/24 12:55	1	4	5	2	15.9	52	4.6	282	16
21/09/24 13:00	1	3	5	2	16.2	52	6.4	272	10
21/09/24 13:05	1	3	4	2	16.2	51	6.0	281	13
21/09/24 13:10	1	4	5	2	16.1	51	5.9	284	13
21/09/24 13:15	1	4	5	2	16.2	51	4.5	279	15
21/09/24 13:20	1	3	4	2	16.3	51	5.0	283	14
21/09/24 13:25	1	3	4	2	16.4	51	4.6	287	17
21/09/24 13:30	1	3	4	2	16.4	49	4.3	283	16
21/09/24 13:35	1	3	3	2	16.5	51	5.5	267	14
21/09/24 13:40	1	3	4	2	16.4	51	7.1	273	9
21/09/24 13:45	1	3	3	2	16.4	52	5.3	274	13
21/09/24 13:50	1	2	3	2	16.4	52	8.0	259	7
21/09/24 13:55	1	2	3	2	16.4	53	7.7	258	7
21/09/24 14:00	1	3	3	2	16.5	51	5.5	271	13
21/09/24 14:05	1	2	3	2	16.6	52	4.9	268	12
21/09/24 14:10	1	3	4	2	16.8	50	7.4	263	7
21/09/24 14:15	1	3	4	2	16.9	50	6.9	264	10
21/09/24 14:20	1	3	4	2	16.8	49	7.1	258	8
21/09/24 14:25	1	3	4	2	16.9	49	4.8	272	18
21/09/24 14:30	1	4	5	2	17.3	47	5.3	273	12

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
21/09/24 14:35	1	4	5	2	17.3	47	5.1	278	15
21/09/24 14:40	1	3	5	2	17.3	45	4.4	276	15
21/09/24 14:45	1	3	4	2	17.3	45	4.0	279	17
21/09/24 14:50	1	4	4	2	17.4	46	5.1	279	13
21/09/24 14:55	1	4	4	2	17.4	45	4.7	283	13
21/09/24 15:00	1	3	4	2	17.5	45	7.5	271	9
21/09/24 15:05	1	3	4	2	17.5	45	5.0	282	12
21/09/24 15:10	1	3	4	2	17.6	45	5.2	275	15
21/09/24 15:15	1	4	5	2	17.4	47	4.1	273	14
21/09/24 15:20	1	4	5	2	17.3	47	4.6	277	14
21/09/24 15:25	1	4	5	2	17.4	47	4.8	274	10
21/09/24 15:30	1	4	5	2	17.5	46	3.7	293	17
21/09/24 15:35	1	4	5	2	17.6	47	3.6	279	15
21/09/24 15:40	1	4	5	2	17.7	47	4.7	276	13
21/09/24 15:45	1	4	5	2	17.5	48	3.9	271	10
21/09/24 15:50	1	4	5	2	17.5	49	4.2	271	11
21/09/24 15:55	1	4	5	2	17.4	49	4.0	267	12
21/09/24 16:00	1	4	5	2	17.5	48	4.1	275	14
21/09/24 16:05	1	5	6	2	17.4	52	5.7	237	14
21/09/24 16:10	1	5	6	2	16.3	62	5.1	232	6
21/09/24 16:15	1	4	4	2	16.1	63	6.2	231	2
21/09/24 16:20	1	2	3	2	16.0	65	5.0	231	4
21/09/24 16:25	1	2	2	2	16.1	65	4.6	229	4
21/09/24 16:30	1	3	4	2	16.3	63	4.6	244	8
21/09/24 16:35	1	6	7	2	16.7	59	5.0	250	9
21/09/24 16:40	1	8	9	2	16.6	61	5.3	253	5
21/09/24 16:45	1	9	10	2	16.6	62	4.7	259	6
21/09/24 16:50	1	7	9	2	16.8	60	4.7	258	5
21/09/24 16:55	1	8	9	2	16.8	60	4.8	263	5
21/09/24 17:00	1	7	8	2	16.9	58	3.6	274	11
21/09/24 17:05	1	4	5	2	17.1	57	5.2	262	12
21/09/24 17:10	1	5	6	2	17.1	58	3.6	280	15
21/09/24 17:15	1	10	11	2	17.1	56	4.3	286	13
21/09/24 17:20	1	14	15	2	17.3	54	3.9	284	12
21/09/24 17:25	1	7	8	2	17.3	54	3.5	282	14
21/09/24 17:30	1	4	5	2	17.4	53	3.3	280	13
21/09/24 17:35	1	4	5	2	17.3	54	3.3	280	12
21/09/24 17:40	1	7	7	2	17.3	54	3.5	281	13
21/09/24 17:45	1	8	9	2	17.3	54	5.0	271	10
21/09/24 17:50	1	6	7	2	17.2	54	5.4	267	6
21/09/24 17:55	0	5	6	2	17.3	54	6.4	250	9
21/09/24 18:00	1	5	5	2	16.2	64	10.8	234	6
21/09/24 18:05	0	4	4	2	15.3	70	8.2	241	6
21/09/24 18:10	1	6	6	2	15.2	71	7.2	249	6
21/09/24 18:15	1	7	7	2	15.3	71	6.8	255	9
21/09/24 18:20	1	7	7	2	15.2	71	5.6	268	10
21/09/24 18:25	1	5	5	2	15.3	70	4.8	276	12
21/09/24 18:30	0	4	5	2	15.4	69	4.6	286	10
21/09/24 18:35	0	8	8	2	15.5	69	3.6	276	15
21/09/24 18:40	1	12	13	2	15.4	70	3.1	283	16
21/09/24 18:45	0	13	14	2	15.4	70	3.6	272	13
21/09/24 18:50	0	8	8	2	15.3	70	3.4	277	14
21/09/24 18:55	0	7	7	2	15.3	71	3.7	266	11
21/09/24 19:00	0	8	8	2	15.3	72	2.7	261	8
21/09/24 19:05	0	9	10	2	15.3	72	2.8	270	11
21/09/24 19:10	0	10	10	2	15.2	71	3.0	265	12
21/09/24 19:15	0	7	7	2	15.4	71	4.4	258	10
21/09/24 19:20	0	7	7	2	15.4	70	3.6	272	12
21/09/24 19:25	0	6	6	2	15.5	69	4.1	272	14
21/09/24 19:30	0	5	5	2	15.4	70	4.2	279	17
21/09/24 19:35	0	5	5	2	15.2	70	4.4	275	14
21/09/24 19:40	0	6	6	2	15.2	70	4.3	276	12
21/09/24 19:45	0	6	6	2	15.2	70	4.0	273	10
21/09/24 19:50	0	7	7	2	15.2	71	3.3	275	15
21/09/24 19:55	0	8	8	2	15.2	71	3.8	278	14
21/09/24 20:00	0	11	11	2	15.1	71	2.9	283	16
21/09/24 20:05	0	14	14	2	15.1	71	3.9	286	13
21/09/24 20:10	1	12	12	2	15.1	70	3.8	285	14
21/09/24 20:15	1	8	8	2	15.1	70	3.5	282	15
21/09/24 20:20	1	5	6	2	15.1	70	4.0	282	12
21/09/24 20:25	1	6	6	2	15.0	70	3.6	286	11
21/09/24 20:30	0	5	6	2	15.1	70	3.2	283	15
21/09/24 20:35	0	5	5	2	15.0	71	3.5	286	14
21/09/24 20:40	0	5	6	2	15.0	71	3.4	282	15
21/09/24 20:45	0	5	6	2	15.0	70	3.5	286	15
21/09/24 20:50	0	5	5	2	14.9	70	3.4	285	14
21/09/24 20:55	0	5	5	2	15.0	70	3.5	290	13
21/09/24 21:00	0	5	5	2	14.9	69	3.7	287	13
21/09/24 21:05	0	4	5	2	14.9	69	3.1	281	16
21/09/24 21:10	0	4	4	2	14.9	70	3.1	287	16
21/09/24 21:15	0	4	4	2	14.8	70	3.9	291	13
21/09/24 21:20	0	4	4	2	14.8	70	3.5	292	16
21/09/24 21:25	0	4	4	2	14.8	71	2.9	294	13
21/09/24 21:30	0	4	4	1	14.8	71	2.8	290	16
21/09/24 21:35	0	4	4	2	14.8	70	3.4	302	16
21/09/24 21:40	0	4	4	1	14.7	70	4.0	291	14

Station Pier Ambient Air Quality Monitoring
September 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 (°)
21/09/24 21:45	0	5	5	2	14.7	70	3.7	291	15
21/09/24 21:50	0	5	5	2	14.7	70	3.4	290	16
21/09/24 21:55	0	5	5	2	14.7	70	3.2	291	15
21/09/24 22:00	0	5	5	2	14.7	70	3.6	292	14
21/09/24 22:05	0	5	5	2	14.6	70	2.8	288	15
21/09/24 22:10	0	5	5	2	14.6	70	2.8	290	13
21/09/24 22:15	0	5	5	2	14.6	71	2.5	293	15
21/09/24 22:20	0	5	5	2	14.6	71	2.1	301	18
21/09/24 22:25	0	6	6	2	14.5	71	1.8	299	15
21/09/24 22:30	0	6	7	2	14.4	72	1.8	298	14
21/09/24 22:35	0	8	8	2	14.3	73	2.3	298	15
21/09/24 22:40	0	8	9	2	14.3	73	2.3	294	15
21/09/24 22:45	0	8	8	2	14.3	73	2.7	292	12
21/09/24 22:50	0	7	8	1	14.3	72	2.5	295	16
21/09/24 22:55	0	7	7	2	14.4	72	2.5	291	19
21/09/24 23:00	0	6	6	2	14.3	72	2.5	289	16
21/09/24 23:05	0	6	6	2	14.4	72	2.3	281	18
21/09/24 23:10	0	6	6	2	14.2	73	1.7	284	15
21/09/24 23:15	0	7	8	2	14.2	73	1.8	289	12
21/09/24 23:20	1	11	11	2	14.1	73	1.6	288	16
21/09/24 23:25	1	11	11	2	14.1	73	2.0	287	15
21/09/24 23:30	0	11	11	2	14.2	73	2.2	297	12
21/09/24 23:35	0	12	12	2	14.1	72	2.1	300	16
21/09/24 23:40	0	12	13	2	14.2	72	2.5	307	12
21/09/24 23:45	0	12	12	2	14.2	72	2.3	300	12
21/09/24 23:50	0	12	12		14.2	72	2.7	296	13
21/09/24 23:55	0	12	12		14.3	71	2.7	301	10
22/09/24 00:00	0	11	12	2	14.3	72	2.1	298	15
22/09/24 00:05	0	11	12	2	14.3	71	2.5	301	13
22/09/24 00:10	0	11	11	2	14.3	72	2.4	291	14
22/09/24 00:15	0	11	11	1	14.2	74	2.5	299	13
22/09/24 00:20	0	10	11	1	13.9	75	2.2	309	21
22/09/24 00:25	0	10	11	1	13.8	77	1.7	310	22
22/09/24 00:30	0	10	11	1	13.8	78	1.8	292	14
22/09/24 00:35	0	10	10	1	13.7	78	1.5	317	35
22/09/24 00:40	0	11	11	1	13.6	79	0.9	322	28
22/09/24 00:45	1	12	12	1	13.6	79	1.9	324	21
22/09/24 00:50	0	12	12	1	13.6	77	2.6	308	19
22/09/24 00:55	0	11	11	1	13.8	76	1.9	299	14
22/09/24 01:00	0	9	10	1	13.8	74	2.4	298	14
22/09/24 01:05					14.0	74	2.3	291	14
22/09/24 01:10					14.0	74	2.3	285	15
22/09/24 01:15					14.0	74	2.3	287	15
22/09/24 01:20					14.0	73	2.7	301	16
22/09/24 01:25					13.9	73	3.1	301	17
22/09/24 01:30					14.0	72	3.0	301	19
22/09/24 01:35					14.0	72	3.2	290	18
22/09/24 01:40					13.9	72	3.5	292	15
22/09/24 01:45					13.9	72	3.2	287	16
22/09/24 01:50					13.8	72	3.1	282	15
22/09/24 01:55					13.8	71	3.5	281	16
22/09/24 02:00					13.7	71	3.3	281	14
22/09/24 02:05	0	2	2	1	13.6	70	3.4	287	15
22/09/24 02:10	0	2	2	1	13.7	70	3.4	282	15
22/09/24 02:15	0	2	2	1	13.7	69	4.0	285	14
22/09/24 02:20	0	2	2	1	13.6	69	3.5	283	11
22/09/24 02:25	0	2	3	1	13.4	69	3.0	290	16
22/09/24 02:30	0	2	3	1	13.4	68	3.2	285	14
22/09/24 02:35	0	2	2	1	13.5	68	3.5	286	16
22/09/24 02:40	0	2	2	1	13.4	68	2.8	286	14
22/09/24 02:45	0	2	2	1	13.3	68	2.5	292	15
22/09/24 02:50	0	2	2	1	13.2	68	2.6	301	14
22/09/24 02:55	0	2	2	1	13.2	68	2.5	302	12
22/09/24 03:00	0	2	2	1	13.1	68	2.8	306	12
22/09/24 03:05	0	3	3	1	13.1	68	2.8	302	14
22/09/24 03:10	0	3	3	1	13.1	67	2.8	310	13
22/09/24 03:15	0	4	4	1	13.2	67	2.3	302	18
22/09/24 03:20	0	7	8	1	13.3	67	2.3	311	23
22/09/24 03:25	0	11	11	1	13.2	67	1.7	310	24
22/09/24 03:30	0	10	10	1	13.3	68	1.7	315	24
22/09/24 03:35	0	10	10	1	13.2	68	0.5	330	50
22/09/24 03:40	1	7	8	1	13.1	68	1.4	316	23
22/09/24 03:45	0	5	6	1	13.1	68	1.5	322	30
22/09/24 03:50	0	5	6	1	13.2	68	1.8	307	23
22/09/24 03:55	0	6	6	1	13.3	67	1.6	312	25
22/09/24 04:00	0	7	7	1	13.3	67	1.3	340	29
22/09/24 04:05	0	7	7	1	13.2	68	1.0	331	31
22/09/24 04:10	0	7	7	1	13.2	68	1.5	341	26
22/09/24 04:15	0	7	7	1	13.1	69	1.4	330	35
22/09/24 04:20	0	7	7	1	13.0	69	1.5	317	31
22/09/24 04:25	0	7	8	1	13.1	68	2.6	325	24
22/09/24 04:30	0	8	8	1	13.2	68	2.0	304	21
22/09/24 04:35	0	8	9	1	13.2	68	1.9	303	20
22/09/24 04:40	0	9	9	1	13.1	69	1.9	312	22
22/09/24 04:45	0	9	9	1	13.1	69	2.0	306	25
22/09/24 04:50	0	8	8	1	13.1	68	2.0	313	22

Station Pier Ambient Air Quality Monitoring
September 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 (°)
22/09/24 04:55	0	8	8	1	13.1	69	1.4	304	25
22/09/24 05:00	0	7	7	1	13.1	70	1.1	276	21
22/09/24 05:05	0	6	6	1	13.1	70	0.7	311	32
22/09/24 05:10	0	6	6	1	12.9	70	1.5	351	10
22/09/24 05:15	0	7	7	1	12.7	71	1.3	341	34
22/09/24 05:20	0	7	7	1	12.6	71	1.8	322	29
22/09/24 05:25	0	7	7	1	12.7	71	2.1	322	25
22/09/24 05:30	0	7	7	1	12.7	71	1.8	321	26
22/09/24 05:35	0	6	7	1	12.8	71	1.9	307	17
22/09/24 05:40	0	7	7	1	12.8	72	2.8	300	13
22/09/24 05:45	0	7	7	1	12.8	71	3.0	307	15
22/09/24 05:50	0	9	9	1	12.7	71	2.3	302	18
22/09/24 05:55	1	13	14	1	12.7	72	1.9	300	17
22/09/24 06:00	1	18	18	1	12.6	73	1.5	300	17
22/09/24 06:05	1	17	18	1	12.6	73	1.3	334	19
22/09/24 06:10	1	16	17	1	12.5	73	1.6	316	24
22/09/24 06:15	1	15	16	1	12.6	73	1.1	307	24
22/09/24 06:20	0	15	15	1	12.6	74	1.4	327	23
22/09/24 06:25	0	14	15	1	12.6	74	0.9	313	40
22/09/24 06:30	1	15	15	1	12.4	74	1.3	315	26
22/09/24 06:35	1	15	16	1	12.5	75	1.2	330	35
22/09/24 06:40	1	14	15	1	12.5	75	1.5	338	31
22/09/24 06:45	1	14	15	1	12.5	74	1.8	335	30
22/09/24 06:50	1	13	14	1	12.4	75	1.6	318	24
22/09/24 06:55	1	13	14	1	12.5	74	1.7	322	25
22/09/24 07:00	1	13	14	1	12.6	74	1.6	336	27
22/09/24 07:05	1	13	14	1	12.6	74	1.6	330	27
22/09/24 07:10	2	13	14	1	12.7	74	0.8	320	49
22/09/24 07:15	2	12	14	1	12.8	73	1.7	340	24
22/09/24 07:20	2	11	13	1	12.8	73	1.8	352	31
22/09/24 07:25	2	10	12	1	12.9	74	1.4	344	28
22/09/24 07:30	2	10	12	1	13.0	73	2.0	352	28
22/09/24 07:35	2	10	12	1	13.1	73	1.9	360	28
22/09/24 07:40	2	10	12	1	13.2	72	1.3	333	38
22/09/24 07:45	3	10	13	1	13.5	71	1.8	319	24
22/09/24 07:50	3	10	13	1	13.8	69	2.0	312	19
22/09/24 07:55	4	10	14	1	14.0	68	1.6	315	26
22/09/24 08:00	4	10	14	1	14.3	67	2.0	311	29
22/09/24 08:05	5	11	15	1	14.5	66	1.9	301	30
22/09/24 08:10	5	11	16	1	14.7	65	2.8	300	18
22/09/24 08:15	5	11	15	2	14.6	65	3.4	307	19
22/09/24 08:20	4	9	13	2	14.7	65	3.6	303	17
22/09/24 08:25	3	8	11	1	14.7	65	2.9	293	19
22/09/24 08:30	4	9	13	2	14.8	66	2.3	284	22
22/09/24 08:35	4	12	16	2	14.8	66	3.2	287	15
22/09/24 08:40	4	7	11	2	15.0	66	7.5	262	9
22/09/24 08:45	3	1	4	2	15.0	67	6.4	271	10
22/09/24 08:50	3	1	3	2	15.0	66	6.1	280	11
22/09/24 08:55	2	1	4	2	15.1	66	5.7	272	11
22/09/24 09:00	2	1	3	2	15.1	67	6.2	273	10
22/09/24 09:05	1	2	3	2	15.1	66	6.0	281	11
22/09/24 09:10	2	3	4	2	15.2	64	6.1	281	13
22/09/24 09:15	2	3	5	2	15.4	63	6.0	278	14
22/09/24 09:20	2	3	5	2	15.5	63	5.3	285	11
22/09/24 09:25	2	3	5	2	15.6	62	4.6	280	12
22/09/24 09:30	1	3	5	2	15.6	63	5.8	269	9
22/09/24 09:35	1	3	4	2	15.6	63	5.7	270	12
22/09/24 09:40	1	3	4	2	15.8	62	6.5	267	8
22/09/24 09:45	1	3	4	2	15.9	60	5.5	276	16
22/09/24 09:50	1	3	4	2	16.1	60	5.9	271	11
22/09/24 09:55	1	3	4	2	16.0	60	4.7	277	13
22/09/24 10:00	1	3	4	2	16.1	60	6.1	272	11
22/09/24 10:05	1	3	4	1	16.1	59	8.2	267	7
22/09/24 10:10	1	3	3	1	16.1	59	7.3	270	10
22/09/24 10:15	1	2	3	1	16.1	59	7.8	266	8
22/09/24 10:20	1	2	3	1	16.3	59	6.0	269	12
22/09/24 10:25	1	3	3	1	16.5	57	5.7	278	14
22/09/24 10:30	1	3	3	1	16.5	58	6.9	268	10
22/09/24 10:35	1	2	3	1	16.5	57	7.1	271	11
22/09/24 10:40	1	2	3	1	16.6	56	5.4	275	12
22/09/24 10:45	1	2	3	1	16.7	55	7.0	274	12
22/09/24 10:50	1	2	3	1	16.8	55	6.2	279	14
22/09/24 10:55	1	2	3	2	16.8	56	8.4	272	12
22/09/24 11:00	1	2	3	1	16.7	56	6.8	266	8
22/09/24 11:05	1	2	2	1	16.8	56	5.6	269	11
22/09/24 11:10	1	2	3	1	16.9	56	7.0	267	12
22/09/24 11:15	1	2	2	1	17.0	56	7.1	265	12
22/09/24 11:20	1	2	2	1	16.9	57	6.2	270	14
22/09/24 11:25	1	2	3	1	17.1	55	5.8	271	15
22/09/24 11:30	1	2	3	1	17.2	55	7.3	267	7
22/09/24 11:35	1	2	3	1	17.3	55	7.7	266	8
22/09/24 11:40	1	2	3	1	17.2	55	7.7	267	13
22/09/24 11:45	1	2	2	1	17.4	54	6.6	270	9
22/09/24 11:50	1	2	2	1	17.6	53	5.9	274	13
22/09/24 11:55	1	2	3	1	17.9	53	5.7	274	13
22/09/24 12:00	1	2	3	1	17.8	52	7.1	272	11

Station Pier Ambient Air Quality Monitoring
September 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 (°)
22/09/24 12:05	1	3	3	1	17.8	52	6.9	276	13
22/09/24 12:10	1	2	3	1	17.7	51	6.6	281	13
22/09/24 12:15	1	2	3	1	17.8	52	7.7	260	10
22/09/24 12:20	1	2	3	1	17.7	53	7.4	268	10
22/09/24 12:25	1	2	3	1	17.8	51	5.9	276	15
22/09/24 12:30	1	2	3	1	18.3	50	4.2	273	16
22/09/24 12:35	1	2	3	1	18.4	49	5.9	283	15
22/09/24 12:40	1	2	3	1	18.5	48	6.6	284	16
22/09/24 12:45	1	2	3	1	18.4	50	7.9	272	14
22/09/24 12:50	1	2	3	1	18.1	51	9.0	265	7
22/09/24 12:55	1	2	2	1	18.0	50	7.9	262	11
22/09/24 13:00	1	2	2	1	18.3	49	6.3	274	15
22/09/24 13:05	1	2	3	1	18.6	48	7.0	279	15
22/09/24 13:10	1	2	3	1	18.4	46	8.2	268	10
22/09/24 13:15	1	2	3	1	18.6	46	6.7	279	14
22/09/24 13:20	1	2	3	1	18.5	47	7.4	262	12
22/09/24 13:25	1	2	3	1	18.4	47	7.3	267	7
22/09/24 13:30	1	3	3	1	18.5	47	6.7	269	11
22/09/24 13:35	1	2	3	1	18.3	49	8.4	265	6
22/09/24 13:40	0	2	3	1	18.5	47	9.2	260	10
22/09/24 13:45	0	2	2	1	18.5	46	7.2	262	10
22/09/24 13:50	0	2	2	1	18.4	47	5.7	273	12
22/09/24 13:55	0	2	2	1	18.6	47	5.9	271	13
22/09/24 14:00	1	2	3	1	18.9	46	6.1	276	13
22/09/24 14:05	1	2	3	1	19.0	46	6.2	266	13
22/09/24 14:10	1	2	3	1	18.6	47	7.6	260	5
22/09/24 14:15	1	2	3	1	18.6	47	8.0	259	9
22/09/24 14:20	1	2	3	1	18.5	48	8.7	257	5
22/09/24 14:25	1	2	3	1	18.5	48	7.6	260	8
22/09/24 14:30	1	2	3	1	18.7	48	6.4	257	5
22/09/24 14:35	1	2	3	1	18.9	47	5.9	262	9
22/09/24 14:40	1	2	3	1	18.8	48	6.3	268	12
22/09/24 14:45	1	2	3	1	18.7	48	6.1	251	9
22/09/24 14:50	1	3	4	1	18.7	49	7.3	253	8
22/09/24 14:55	1	3	4	1	18.6	49	6.2	251	6
22/09/24 15:00	1	3	4	1	18.9	48	6.1	258	9
22/09/24 15:05	1	3	3	1	19.2	45	7.0	265	10
22/09/24 15:10	1	2	3	1	19.4	44	5.7	268	11
22/09/24 15:15	1	2	3	1	19.3	44	6.0	271	8
22/09/24 15:20	1	2	3	1	19.4	44	5.0	277	11
22/09/24 15:25	1	3	3	1	19.5	46	5.6	264	11
22/09/24 15:30	1	4	5	1	19.3	48	6.1	264	11
22/09/24 15:35	1	4	5	1	19.0	49	4.6	268	12
22/09/24 15:40	1	4	5	1	19.5	45	4.8	281	14
22/09/24 15:45	1	3	4	1	19.7	45	4.6	269	12
22/09/24 15:50	0	3	3	1	19.5	47	6.7	261	6
22/09/24 15:55	0	3	3	1	19.4	46	4.6	283	14
22/09/24 16:00	0	3	3	1	19.7	44	4.6	279	15
22/09/24 16:05	0	3	3	1	19.8	45	5.6	270	11
22/09/24 16:10	1	3	4	1	19.4	47	6.0	269	10
22/09/24 16:15	1	3	4	1	19.5	46	4.7	280	12
22/09/24 16:20	1	4	4	1	19.7	45	5.9	274	12
22/09/24 16:25	1	4	5	1	19.5	46	8.8	262	5
22/09/24 16:30	1	4	4	1	19.3	48	7.2	269	9
22/09/24 16:35	1	4	4	1	19.4	47	5.8	271	12
22/09/24 16:40	1	3	4	1	19.4	47	5.9	275	12
22/09/24 16:45	1	4	4	1	19.5	47	5.4	274	12
22/09/24 16:50	1	4	4	1	19.4	46	5.5	277	12
22/09/24 16:55	1	4	4	1	19.3	47	5.0	272	8
22/09/24 17:00	1	4	5	1	19.3	47	3.7	278	12
22/09/24 17:05	1	4	5	1	19.3	47	4.0	281	13
22/09/24 17:10	1	4	5	1	19.4	46	3.5	286	12
22/09/24 17:15	1	4	4	1	19.5	46	3.6	287	14
22/09/24 17:20	1	4	4	1	19.4	46	3.6	284	13
22/09/24 17:25	1	4	5	1	19.4	46	4.3	279	15
22/09/24 17:30	1	5	5	1	19.2	46	4.0	278	13
22/09/24 17:35	1	19	20	1	19.3	46	3.6	283	12
22/09/24 17:40	2	16	17	2	19.5	45	3.4	279	14
22/09/24 17:45	1	2	4	2	19.5	45	3.6	281	13
22/09/24 17:50	1	2	3	1	19.6	45	2.6	285	16
22/09/24 17:55	1	3	4	1	19.5	45	3.0	287	14
22/09/24 18:00	1	3	4	1	19.5	45	3.3	282	16
22/09/24 18:05	1	3	3	1	19.4	45	2.8	281	17
22/09/24 18:10	0	3	3	1	19.3	46	3.1	286	15
22/09/24 18:15	0	3	3	1	19.3	46	2.7	290	13
22/09/24 18:20	0	4	4	1	19.2	46	2.3	299	14
22/09/24 18:25	0	5	5	1	19.1	46	2.5	299	12
22/09/24 18:30	0	6	6	1	19.0	47	2.2	299	13
22/09/24 18:35	0	9	9	1	19.0	47	2.1	293	16
22/09/24 18:40	0	24	24	1	19.1	47	2.3	295	15
22/09/24 18:45	1	28	29	2	19.0	47	1.8	299	14
22/09/24 18:50	2	28	30	2	18.9	47	1.6	296	16
22/09/24 18:55	2	28	30	2	19.0	47	2.5	298	13
22/09/24 19:00	2	26	28	2	19.1	47	2.8	303	14
22/09/24 19:05	2	23	25	2	19.1	48	2.7	297	15
22/09/24 19:10	2	22	24	2	19.1	48	2.6	298	14

Station Pier Ambient Air Quality Monitoring

September 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 (°)
22/09/24 19:15	3	29	32	2	19.0	49	2.1	300	17
22/09/24 19:20	3	29	32	2	18.9	49	2.3	296	10
22/09/24 19:25	4	29	33	2	18.8	49	2.0	304	18
22/09/24 19:30	4	27	32	3	18.8	51	2.0	289	16
22/09/24 19:35	3	13	16	2	18.6	51	2.0	289	13
22/09/24 19:40	2	10	12	2	18.5	52	2.4	299	15
22/09/24 19:45	1	11	12	2	18.5	51	2.6	306	13
22/09/24 19:50	1	10	11	2	18.6	52	2.1	302	13
22/09/24 19:55	1	10	11	2	18.4	52	2.9	307	13
22/09/24 20:00	1	10	11	2	18.5	53	2.6	300	16
22/09/24 20:05	1	12	13	2	18.5	53	3.3	301	13
22/09/24 20:10	1	17	18	2	18.5	54	3.2	299	15
22/09/24 20:15	1	17	17	2	18.5	55	2.7	297	14
22/09/24 20:20	1	14	15	2	18.4	55	2.8	288	15
22/09/24 20:25	1	10	11	2	18.2	56	2.2	291	17
22/09/24 20:30	0	10	10	2	18.3	56	2.3	288	12
22/09/24 20:35	0	10	10	1	18.2	57	2.3	289	16
22/09/24 20:40	0	9	10	1	18.3	57	2.5	298	14
22/09/24 20:45	0	8	9	1	18.3	57	2.7	290	14
22/09/24 20:50	0	8	8	1	18.3	57	2.4	287	13
22/09/24 20:55	0	7	8	1	18.3	57	2.2	290	18
22/09/24 21:00	0	7	7	1	18.3	58	2.7	283	15
22/09/24 21:05	0	6	7	1	18.3	58	2.4	279	12
22/09/24 21:10	0	6	7	1	18.2	58	1.8	294	15
22/09/24 21:15	0	8	9	1	18.2	59	1.4	297	14
22/09/24 21:20	1	19	20	1	18.1	58	1.7	295	10
22/09/24 21:25	1	24	25	2	18.1	58	1.5	302	11
22/09/24 21:30	2	25	27	2	18.1	58	1.8	298	14
22/09/24 21:35	2	23	25	2	18.0	60	3.4	298	12
22/09/24 21:40	1	6	7	2	17.8	62	3.1	293	16
22/09/24 21:45	1	5	6	2	17.7	64	2.7	292	17
22/09/24 21:50	1	4	5	2	17.5	65	3.2	290	15
22/09/24 21:55	1	3	4	2	17.5	66	2.9	289	15
22/09/24 22:00	1	3	4	2	17.3	66	2.2	287	18
22/09/24 22:05	0	3	3	1	17.3	66	2.8	289	16
22/09/24 22:10	0	3	3	1	17.2	66	2.7	299	19
22/09/24 22:15	0	3	4	1	17.1	67	2.2	300	18
22/09/24 22:20	0	4	4	1	17.0	67	2.0	299	13
22/09/24 22:25	0	4	4	1	17.0	67	1.8	305	15
22/09/24 22:30	0	4	5	1	16.9	67	1.6	310	23
22/09/24 22:35	0	5	6	1	16.9	67	1.0	332	32
22/09/24 22:40	0	9	9	1	16.8	68	1.2	25	28
22/09/24 22:45	0	16	17	1	16.6	69	0.7	13	43
22/09/24 22:50	0	17	17	1	16.6	69	0.8	354	38
22/09/24 22:55	0	18	18	1	16.5	69	1.3	345	26
22/09/24 23:00	0	18	18	1	16.6	69	1.0	325	29
22/09/24 23:05	0	17	17	1	16.5	69	1.1	344	35
22/09/24 23:10	0	16	17	1	16.5	69	1.2	306	18
22/09/24 23:15	0	16	17	1	16.4	69	1.2	303	20
22/09/24 23:20	0	17	17	1	16.2	70	1.3	301	17
22/09/24 23:25	1	18	19	1	16.2	69	1.6	302	14
22/09/24 23:30	1	19	20	1	16.3	69	1.9	304	24
22/09/24 23:35	1	19	20	1	16.4	67	2.9	305	15
22/09/24 23:40	1	19	20	2	16.5	66	2.5	303	13
22/09/24 23:45	2	19	21	2	16.4	66	2.7	299	14
22/09/24 23:50	2	21	23		16.5	66	3.0	302	12
22/09/24 23:55	2	21	23		16.4	67	2.3	305	15
23/09/24 00:00	2	21	23	2	16.3	67	2.6	302	14
23/09/24 00:05	2	21	23	2	16.3	67	3.5	299	9
23/09/24 00:10	2	21	24	2	16.3	67	3.1	298	11
23/09/24 00:15	2	21	23	2	16.2	67	2.0	307	16
23/09/24 00:20	2	18	20	2	16.0	68	2.5	300	17
23/09/24 00:25	1	12	13	2	16.0	68	3.1	303	13
23/09/24 00:30	1	14	15	2	16.0	68	2.6	307	17
23/09/24 00:35	1	16	17	2	15.8	68	2.5	306	18
23/09/24 00:40	1	15	16	2	15.7	69	2.4	318	21
23/09/24 00:45	1	15	16	2	15.6	69	2.1	324	23
23/09/24 00:50	1	16	16	2	15.5	69	1.7	333	29
23/09/24 00:55	1	15	16	1	15.3	70	1.7	313	26
23/09/24 01:00	1	15	15	1	15.2	71	1.6	317	23
23/09/24 01:05					15.1	71	1.6	325	26
23/09/24 01:10					15.0	71	1.6	337	30
23/09/24 01:15					15.0	71	1.8	323	24
23/09/24 01:20					14.9	71	1.7	325	25
23/09/24 01:25					14.8	71	1.6	321	22
23/09/24 01:30					14.7	72	1.7	329	28
23/09/24 01:35					14.7	72	1.5	335	26
23/09/24 01:40					14.6	72	1.1	330	29
23/09/24 01:45					14.6	72	1.6	318	28
23/09/24 01:50					14.5	72	1.5	315	23
23/09/24 01:55					14.5	72	1.5	319	25
23/09/24 02:00					14.5	72	1.3	324	29
23/09/24 02:05	1	15	16	1	14.5	72	1.1	348	30
23/09/24 02:10	1	16	16	1	14.2	73	1.1	344	32
23/09/24 02:15	1	14	15	1	14.2	73	1.3	355	21
23/09/24 02:20	1	13	14	1	14.1	73	1.3	352	27

Station Pier Ambient Air Quality Monitoring

September 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 (°)
23/09/24 02:25	1	13	13	1	14.0	73	0.7	317	30
23/09/24 02:30	1	12	13	1	14.1	73	1.0	331	32
23/09/24 02:35	0	12	12	1	14.1	73	1.1	341	33
23/09/24 02:40	1	12	13	1	14.0	73	1.4	349	19
23/09/24 02:45	1	13	14	1	14.0	73	1.2	346	22
23/09/24 02:50	1	16	17	1	13.9	73	1.0	333	32
23/09/24 02:55	1	19	21	1	13.8	73	1.3	312	30
23/09/24 03:00	2	22	24	1	13.9	73	1.2	315	25
23/09/24 03:05	3	23	25	1	13.8	73	1.7	317	24
23/09/24 03:10	3	22	25	1	13.9	73	1.8	309	19
23/09/24 03:15	3	22	25	1	13.9	73	1.0	316	31
23/09/24 03:20	3	23	26	1	13.9	73	1.6	299	19
23/09/24 03:25	5	23	28	1	13.9	73	2.5	301	14
23/09/24 03:30	5	23	28	1	13.9	72	2.4	300	14
23/09/24 03:35	4	22	26	1	13.9	72	2.1	311	17
23/09/24 03:40	4	21	25	1	13.9	72	1.7	315	23
23/09/24 03:45	5	22	27	1	13.9	71	1.5	321	27
23/09/24 03:50	5	23	29	1	13.9	72	0.7	343	37
23/09/24 03:55	6	24	30	1	13.8	72	1.1	353	33
23/09/24 04:00	5	19	24	1	13.6	73	1.4	355	33
23/09/24 04:05	3	10	13	1	13.5	74	1.2	311	30
23/09/24 04:10	1	12	13	1	13.5	75	1.3	317	21
23/09/24 04:15	1	13	14	1	13.4	75	1.3	333	29
23/09/24 04:20	1	14	15	1	13.3	75	1.1	325	31
23/09/24 04:25	2	22	25	1	13.3	75	1.0	318	28
23/09/24 04:30	12	30	42	1	13.3	75	1.4	323	22
23/09/24 04:35	18	25	43	1	13.2	74	0.8	337	47
23/09/24 04:40	18	25	43	1	13.2	74	1.5	329	30
23/09/24 04:45	17	25	43	1	13.2	74	1.2	328	29
23/09/24 04:50	16	25	42	1	13.2	74	1.4	357	27
23/09/24 04:55	9	19	28	1	13.1	74	1.7	352	26
23/09/24 05:00	1	16	17	1	13.0	74	1.7	352	26
23/09/24 05:05	1	17	18	1	13.0	74	1.3	12	27
23/09/24 05:10	1	17	18	1	12.9	74	1.7	5	26
23/09/24 05:15	1	17	18	1	12.9	74	2.0	3	26
23/09/24 05:20	1	16	17	1	12.9	74	2.0	360	22
23/09/24 05:25	1	16	17	1	13.0	74	2.2	7	25
23/09/24 05:30	1	16	17	1	12.9	74	1.7	11	31
23/09/24 05:35	1	15	16	1	12.9	74	1.9	4	27
23/09/24 05:40	1	15	16	1	12.9	74	1.7	358	20
23/09/24 05:45	1	16	17	1	12.8	74	2.3	360	20
23/09/24 05:50	1	17	18	1	12.9	74	1.9	2	21
23/09/24 05:55	2	18	20	0	12.9	74	1.5	346	36
23/09/24 06:00	2	21	23	1	12.8	74	1.8	4	25
23/09/24 06:05	3	26	29	1	12.7	74	1.6	345	30
23/09/24 06:10	6	30	36	1	12.7	74	1.7	355	27
23/09/24 06:15	12	25	38	1	12.7	74	2.4	354	23
23/09/24 06:20	13	25	38	1	12.8	74	1.6	352	27
23/09/24 06:25	12	26	38	1	12.7	74	2.2	4	18
23/09/24 06:30	12	26	38	0	12.7	74	1.9	359	22
23/09/24 06:35	13	26	39	0	12.6	75	1.9	353	28
23/09/24 06:40	13	25	38	0	12.7	74	2.1	1	25
23/09/24 06:45	13	25	37	1	12.8	74	1.9	8	29
23/09/24 06:50	13	24	37	1	12.8	74	1.8	359	27
23/09/24 06:55	13	24	37	0	13.0	74	2.0	360	22
23/09/24 07:00	13	24	37	0	13.1	73	2.5	6	19
23/09/24 07:05	13	23	36	0	13.3	72	2.5	6	22
23/09/24 07:10	12	22	35	0	13.5	72	2.3	4	19
23/09/24 07:15	12	22	34	0	13.6	71	1.9	359	30
23/09/24 07:20	11	19	31	0	13.7	70	2.3	9	27
23/09/24 07:25	10	12	22	0	13.8	70	2.6	8	18
23/09/24 07:30	9	13	22	1	13.9	69	2.8	3	27
23/09/24 07:35	9	14	23	1	14.1	69	1.9	2	25
23/09/24 07:40	9	15	25	0	14.3	68	2.1	6	23
23/09/24 07:45	10	16	26	0	14.4	67	2.1	9	25
23/09/24 07:50	10	16	27	1	14.6	67	2.3	8	26
23/09/24 07:55	10	16	26	1	14.6	66	2.5	6	22
23/09/24 08:00	10	15	26	1	14.7	66	2.4	360	26
23/09/24 08:05	10	15	25	0	14.9	65	2.5	14	25
23/09/24 08:10	9	14	23	0	15.0	65	2.9	5	21
23/09/24 08:15	8	12	21	0	15.0	65	3.5	12	20
23/09/24 08:20	8	9	17	1	15.1	65	1.6	347	37
23/09/24 08:25	7	10	17	1	15.3	65	2.4	5	25
23/09/24 08:30	7	10	18	1	15.5	64	2.5	9	27
23/09/24 08:35	7	11	18	1	15.4	64	3.0	356	23
23/09/24 08:40	7	11	18	1	15.3	64	2.3	15	21
23/09/24 08:45	6	10	17	1	15.5	64	2.4	352	32
23/09/24 08:50	6	10	16	0	15.8	63	2.5	358	24
23/09/24 08:55	6	9	15	0	15.8	63	2.6	359	28
23/09/24 09:00	5	10	15	0	15.7	63	2.6	326	24
23/09/24 09:05	5	11	16	0	15.7	64	1.8	317	37
23/09/24 09:10	6	12	17	0	15.8	64	2.9	306	20
23/09/24 09:15	6	13	19	1	15.8	63	2.5	306	23
23/09/24 09:20	6	15	22	1	16.0	63	2.0	317	25
23/09/24 09:25	6	15	21	1	16.2	62	3.2	303	16
23/09/24 09:30	6	12	18	1	16.2	61	3.5	305	12

Station Pier Ambient Air Quality Monitoring
September 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 (°)
23/09/24 09:35	6	12	18	1	16.4	61	3.2	290	15
23/09/24 09:40	6	12	17	1	16.7	58	4.3	276	16
23/09/24 09:45	5	4	9	1	16.7	57	5.0	280	13
23/09/24 09:50	4	5	9	1	17.0	57	5.4	278	13
23/09/24 09:55	4	4	8	1	17.0	57	4.5	281	14
23/09/24 10:00	4	4	7	1	17.3	56	5.9	274	14
23/09/24 10:05	3	4	8	1	17.0	56	6.0	270	8
23/09/24 10:10	3	5	8	1	17.2	55	4.4	283	17
23/09/24 10:15	3	5	8	1	17.5	55	4.8	279	13
23/09/24 10:20	3	5	8	1	17.3	56	4.5	278	13
23/09/24 10:25	3	5	8	1	17.4	54	5.3	279	15
23/09/24 10:30	2	5	7	0	17.5	54	5.6	275	18
23/09/24 10:35	2	5	7	0	17.3	55	6.3	272	11
23/09/24 10:40	2	5	7	0	17.2	55	5.3	278	14
23/09/24 10:45	2	5	7	0	17.5	54	3.6	281	16
23/09/24 10:50	2	5	7	0	17.6	54	4.4	289	16
23/09/24 10:55	2	5	6	0	17.5	54	4.1	285	16
23/09/24 11:00	2	5	6	0	17.4	53	3.4	293	18
23/09/24 11:05	2	4	6	0	17.5	53	3.8	283	17
23/09/24 11:10	2	4	6	0	17.6	54	4.0	274	17
23/09/24 11:15	2	5	6	0	17.5	54	4.7	283	14
23/09/24 11:20	2	5	6	0	17.6	53	4.3	283	13
23/09/24 11:25	2	5	6	0	17.8	54	3.9	281	15
23/09/24 11:30	2	5	7	0	18.0	53	3.4	285	17
23/09/24 11:35	2	5	7	0	17.8	54	4.8	281	13
23/09/24 11:40	2	5	6	0	17.7	54	4.0	284	19
23/09/24 11:45	2	5	7	0	17.8	53	3.2	292	17
23/09/24 11:50	2	5	7	0	17.8	54	2.8	281	18
23/09/24 11:55	2	6	8	0	18.0	54	4.8	267	10
23/09/24 12:00	2	6	8	0	17.8	55	3.8	278	16
23/09/24 12:05	2	6	8	0	17.9	54	4.0	282	13
23/09/24 12:10	2	6	8	0	18.0	54	3.9	282	11
23/09/24 12:15	2	7	9	0	18.0	54	2.9	292	18
23/09/24 12:20	2	7	9	0	18.0	54	3.3	282	14
23/09/24 12:25	2	8	10	0	18.0	55	3.5	274	12
23/09/24 12:30	2	8	10	0	17.9	54	2.7	283	16
23/09/24 12:35	2	8	10	0	18.0	54	3.0	295	16
23/09/24 12:40	2	8	10	0	18.1	54	3.0	293	17
23/09/24 12:45	1	8	9	0	18.1	54	2.9	296	19
23/09/24 12:50	1	8	9	0	18.1	55	2.9	281	17
23/09/24 12:55	1	8	9	0	18.0	56	3.2	278	14
23/09/24 13:00	1	8	9	0	18.0	55	3.8	282	13
23/09/24 13:05	1	8	9	0	18.0	55	3.8	285	13
23/09/24 13:10	1	8	9	0	18.0	55	3.7	282	14
23/09/24 13:15	1	8	9	0	18.1	55	3.5	282	12
23/09/24 13:20	1	8	10	0	18.1	55	3.5	285	16
23/09/24 13:25	1	8	9	0	18.1	55	3.9	281	15
23/09/24 13:30	1	8	9	0	18.1	55	3.4	288	15
23/09/24 13:35	1	8	9	0	18.2	55	3.4	282	13
23/09/24 13:40	1	8	10	0	18.2	55	3.5	291	15
23/09/24 13:45	1	8	9	0	18.3	55	3.1	292	15
23/09/24 13:50	1	8	9	0	18.3	54	2.7	287	21
23/09/24 13:55	2	9	11	0	18.3	55	3.6	271	13
23/09/24 14:00	2	10	12	0	18.1	57	3.8	270	16
23/09/24 14:05	2	13	15	0	18.1	56	3.5	276	11
23/09/24 14:10	2	13	16	0	18.2	55	2.7	290	20
23/09/24 14:15	2	12	15	0	18.4	55	3.1	289	19
23/09/24 14:20	2	12	14	0	18.4	55	2.6	281	16
23/09/24 14:25	3	12	14	0	18.4	56	2.7	279	15
23/09/24 14:30	3	11	13	0	18.5	55	2.7	295	16
23/09/24 14:35	2	9	11	0	18.5	54	3.2	297	16
23/09/24 14:40	2	8	9	0	18.5	54	2.9	302	15
23/09/24 14:45	2	7	9	0	18.6	54	2.8	292	13
23/09/24 14:50	2	7	9	0	18.5	55	2.7	286	16
23/09/24 14:55	2	8	9	0	18.7	54	2.7	299	17
23/09/24 15:00	2	8	9	0	18.6	55	2.8	296	19
23/09/24 15:05	2	7	9	0	18.7	54	3.0	291	20
23/09/24 15:10	1	7	8	0	18.6	55	2.6	281	17
23/09/24 15:15	1	7	8	0	18.5	55	2.2	292	16
23/09/24 15:20	2	9	10	0	18.6	54	2.1	300	16
23/09/24 15:25	2	12	14	0	18.7	55	2.5	280	16
23/09/24 15:30	2	11	13	0	18.7	54	2.5	297	15
23/09/24 15:35	2	8	9	0	18.7	54	2.8	307	16
23/09/24 15:40	1	6	8	0	18.7	54	2.2	287	16
23/09/24 15:45	1	6	7	0	18.6	54	1.9	301	19
23/09/24 15:50	1	8	9	0	18.6	55	2.4	283	14
23/09/24 15:55	1	9	10	0	18.6	55	2.3	285	15
23/09/24 16:00	1	9	11	0	18.6	55	2.5	286	17
23/09/24 16:05	1	9	10	0	18.5	56	2.5	282	13
23/09/24 16:10	1	10	11	0	18.5	56	2.6	281	13
23/09/24 16:15	1	9	11	0	18.6	55	2.5	278	15
23/09/24 16:20	1	9	11	0	18.8	54	3.1	280	17
23/09/24 16:25	1	9	10	0	18.9	54	2.9	281	13
23/09/24 16:30	1	10	11	0	18.8	54	1.8	293	19
23/09/24 16:35	1	11	12	1	18.9	54	1.5	296	22
23/09/24 16:40	2	16	18	0	18.8	55	1.5	304	23

Station Pier Ambient Air Quality Monitoring

September 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 (°)
23/09/24 16:45	2	19	21	1	18.8	55	1.7	291	18
23/09/24 16:50	2	18	20	0	18.8	55	1.6	312	27
23/09/24 16:55	3	18	20	0	18.9	54	1.2	321	26
23/09/24 17:00	3	18	21	0	19.0	54	1.7	312	35
23/09/24 17:05	2	18	20	1	18.8	55	1.4	313	23
23/09/24 17:10	3	18	20	1	18.8	56	2.1	305	18
23/09/24 17:15	3	18	21	1	18.6	57	1.0	306	34
23/09/24 17:20	3	19	22	1	18.6	57	0.4	268	72
23/09/24 17:25	3	18	21	1	17.3	70	3.2	182	17
23/09/24 17:30	4	15	19	1	15.6	82	4.0	183	14
23/09/24 17:35	6	11	17	1	14.8	88	3.9	173	14
23/09/24 17:40	2	2	4	1	14.6	90	3.2	165	19
23/09/24 17:45	1	4	4	1	14.5	91	2.5	166	26
23/09/24 17:50	0	4	4	1	14.3	91	1.8	161	29
23/09/24 17:55	0	4	4	1	14.2	92	2.2	147	25
23/09/24 18:00	0	4	4	1	14.1	92	2.9	128	17
23/09/24 18:05	0	3	3	1	14.1	93	1.7	126	23
23/09/24 18:10	0	3	3	1	14.1	93	2.3	125	19
23/09/24 18:15	0	2	2	1	14.1	93	2.5	114	12
23/09/24 18:20	0	2	2	1	14.0	93	2.5	114	12
23/09/24 18:25	0	2	2	1	14.1	93	1.5	118	20
23/09/24 18:30	0	2	3	1	14.1	93	2.0	114	15
23/09/24 18:35	0	2	2	1	14.0	92	2.2	125	15
23/09/24 18:40	0	1	1	1	14.0	92	2.7	129	11
23/09/24 18:45	0	1	1	1	14.0	92	1.6	149	27
23/09/24 18:50	0	1	1	1	14.1	92	1.3	162	27
23/09/24 18:55	0	2	2	1	14.0	92	2.1	141	18
23/09/24 19:00	0	2	2	0	14.0	92	2.6	142	16
23/09/24 19:05	0	2	2	1	14.0	92	2.2	145	20
23/09/24 19:10	0	2	2	0	14.0	92	2.7	136	10
23/09/24 19:15	0	3	3	0	14.0	92	2.9	130	11
23/09/24 19:20	0	5	5	0	14.0	92	2.5	127	15
23/09/24 19:25	0	5	5	0	14.0	92	2.5	133	13
23/09/24 19:30	0	4	4	0	14.1	92	1.7	142	20
23/09/24 19:35	0	4	4	0	13.9	92	2.5	127	15
23/09/24 19:40	0	4	3	0	14.0	92	2.8	132	10
23/09/24 19:45	0	3	3	0	14.0	92	2.6	134	12
23/09/24 19:50	0	3	3	0	14.0	92	1.1	153	29
23/09/24 19:55	0	3	3	0	14.0	92	1.6	149	20
23/09/24 20:00	0	3	3	0	14.0	92	1.7	140	22
23/09/24 20:05	0	2	3	0	14.0	92	2.1	133	18
23/09/24 20:10	0	2	2	0	14.0	92	1.5	148	24
23/09/24 20:15	0	2	2	0	13.9	92	1.0	154	31
23/09/24 20:20	0	2	2	0	14.0	92	1.4	174	22
23/09/24 20:25	0	2	2	0	14.1	92	1.6	166	23
23/09/24 20:30	0	2	2	0	14.1	92	1.4	162	19
23/09/24 20:35	0	2	2	0	14.1	92	0.6	168	39
23/09/24 20:40	0	2	2	0	14.1	92	0.8	166	28
23/09/24 20:45	0	2	2	0	14.1	92	0.8	163	27
23/09/24 20:50	0	2	2	0	14.0	92	1.2	149	24
23/09/24 20:55	0	2	2	0	14.0	92	1.3	151	27
23/09/24 21:00	0	2	2	0	14.0	92	1.3	148	25
23/09/24 21:05	0	2	2	0	14.0	92	2.7	139	10
23/09/24 21:10	0	2	2	0	14.0	92	2.6	130	10
23/09/24 21:15	0	2	2	0	14.0	93	1.3	143	28
23/09/24 21:20	0	2	2	1	13.9	93	0.7	169	30
23/09/24 21:25	0	2	2	1	14.0	93	0.7	157	29
23/09/24 21:30	0	2	2	1	13.9	93	0.7	158	27
23/09/24 21:35	0	2	2	1	14.0	93	0.7	157	34
23/09/24 21:40	0	2	2	0	13.8	92	2.2	143	19
23/09/24 21:45	0	2	2	0	13.8	91	2.8	137	11
23/09/24 21:50	0	1	2	0	13.8	91	1.5	145	24
23/09/24 21:55	0	1	1	0	13.7	92	1.1	151	30
23/09/24 22:00	0	1	1	0	13.8	92	0.9	159	31
23/09/24 22:05	0	1	1	0	13.7	93	1.7	140	17
23/09/24 22:10	0	1	1	0	13.6	93	1.1	155	27
23/09/24 22:15	0	1	2	0	13.6	93	0.7	153	35
23/09/24 22:20	0	2	2	1	13.6	94	1.3	135	16
23/09/24 22:25	0	2	2	1	13.6	94	1.2	139	19
23/09/24 22:30	0	2	2	1	13.6	94	1.0	148	18
23/09/24 22:35	0	2	2	1	13.5	94	0.6	150	29
23/09/24 22:40	0	2	2	1	13.5	95	0.8	148	29
23/09/24 22:45	0	2	2	1	13.5	95	0.7	176	23
23/09/24 22:50	0	2	2	1	13.4	95	0.9	186	17
23/09/24 22:55	0	2	2	1	13.5	95	1.1	179	13
23/09/24 23:00	0	2	2	1	13.5	95	1.0	178	17
23/09/24 23:05	0	2	2	1	13.4	95	1.1	180	13
23/09/24 23:10	0	2	2	1	13.4	95	0.9	181	18
23/09/24 23:15	0	2	2	1	13.4	95	1.3	183	13
23/09/24 23:20	0	2	2	1	13.4	95	0.7	168	23
23/09/24 23:25	0	2	2	1	13.3	95	0.5	166	27
23/09/24 23:30	0	2	2	1	13.3	96	0.3	166	46
23/09/24 23:35	0	2	2	1	13.3	96	0.4	117	23
23/09/24 23:40	0	1	2	1	13.2	96	0.7	128	17
23/09/24 23:45	0	1	1	0	13.1	96	0.4	118	23
23/09/24 23:50	0	1	2		13.1	96	0.4	130	20

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
23/09/24 23:55	0	1	1		13.2	97	0.5	149	34
24/09/24 00:00	0	1	1	0	13.2	97	0.3	180	32
24/09/24 00:05	0	1	1	1	13.1	96	0.4	172	27
24/09/24 00:10	0	1	1	1	13.1	97	0.8	186	14
24/09/24 00:15	0	1	1	1	13.1	96	1.1	188	10
24/09/24 00:20	0	1	1	1	12.9	96	1.2	193	7
24/09/24 00:25	0	1	1	1	12.7	97	0.6	198	16
24/09/24 00:30	0	2	2	1	12.7	97	0.4	151	36
24/09/24 00:35	0	3	3	1	12.9	97	1.4	133	16
24/09/24 00:40	0	6	6	1	12.9	97	1.5	129	16
24/09/24 00:45	0	9	10	1	13.0	97	1.6	125	17
24/09/24 00:50	0	10	10	1	12.9	96	1.0	116	18
24/09/24 00:55	0	10	10	1	12.9	96	0.4	90	34
24/09/24 01:00	0	10	9	1	12.9	96	0.5	99	9
24/09/24 01:05					12.7	96	0.9	90	11
24/09/24 01:10					12.7	96	0.4	75	18
24/09/24 01:15					12.7	96	0.3	71	37
24/09/24 01:20					12.7	96	0.5	20	18
24/09/24 01:25					12.5	96	0.2	341	33
24/09/24 01:30					12.5	96	0.6	12	5
24/09/24 01:35					12.5	96	0.6	358	11
24/09/24 01:40					12.5	96	0.7	5	10
24/09/24 01:45					12.5	96	0.8	353	7
24/09/24 01:50					12.5	96	0.7	353	16
24/09/24 01:55					12.5	96	0.7	326	20
24/09/24 02:00					12.5	96	0.8	288	16
24/09/24 02:05	33	23	57	1	12.6	96	0.6	305	23
24/09/24 02:10	32	24	55	1	12.5	96	1.0	354	16
24/09/24 02:15	29	23	52	1	12.4	96	1.2	349	15
24/09/24 02:20	28	22	50	1	12.3	96	1.2	326	14
24/09/24 02:25	41	24	66	1	12.4	96	1.1	330	19
24/09/24 02:30	51	26	78	1	12.4	96	1.2	327	17
24/09/24 02:35	55	25	80	1	12.2	96	0.9	318	17
24/09/24 02:40	56	24	80	2	12.1	96	1.0	326	26
24/09/24 02:45	55	25	79	2	12.2	96	1.1	324	29
24/09/24 02:50	53	25	78	2	12.1	97	1.1	328	21
24/09/24 02:55	42	30	71	2	12.1	97	1.0	324	18
24/09/24 03:00	32	25	57	2	12.1	97	0.7	345	23
24/09/24 03:05	31	26	57	1	12.1	97	0.5	6	29
24/09/24 03:10	32	25	57	2	12.2	97	0.6	7	24
24/09/24 03:15	31	25	56	2	12.2	98	0.7	329	24
24/09/24 03:20	27	23	50	2	12.2	98	1.1	320	20
24/09/24 03:25	18	23	41	1	12.3	98	0.8	2	22
24/09/24 03:30	18	24	42	1	12.3	98	0.5	20	29
24/09/24 03:35	28	25	52	1	12.3	98	0.6	17	32
24/09/24 03:40	35	23	58	1	12.3	98	0.8	9	25
24/09/24 03:45	32	23	55	1	12.2	98	0.5	10	28
24/09/24 03:50	23	24	47	1	12.2	98	0.5	19	40
24/09/24 03:55	17	23	40	1	12.2	97	1.1	356	26
24/09/24 04:00	13	23	36	1	12.1	97	0.6	327	33
24/09/24 04:05	13	23	36	1	12.0	97	0.7	349	36
24/09/24 04:10	10	23	33	1	12.1	97	0.8	309	28
24/09/24 04:15	10	23	33	1	12.1	97	1.0	294	25
24/09/24 04:20	11	23	34	1	12.1	97	0.8	318	25
24/09/24 04:25	12	23	35	1	12.0	97	0.6	354	36
24/09/24 04:30	16	21	37	1	12.0	97	0.5	286	25
24/09/24 04:35	23	19	41	1	12.0	97	0.7	301	24
24/09/24 04:40	30	24	54	1	12.0	97	0.5	316	35
24/09/24 04:45	34	22	56	2	12.0	96	0.4	26	33
24/09/24 04:50	35	23	58	2	12.0	97	0.6	331	30
24/09/24 04:55	37	23	60	2	11.9	96	0.4	341	56
24/09/24 05:00	36	23	59	2	11.8	96	0.7	29	27
24/09/24 05:05	33	23	56	2	11.8	96	0.6	13	33
24/09/24 05:10	31	23	54	2	11.8	96	0.7	341	27
24/09/24 05:15	31	23	53	2	11.8	96	0.6	357	33
24/09/24 05:20	31	22	53	2	11.8	96	0.5	348	43
24/09/24 05:25	31	22	53	2	11.8	96	0.6	56	35
24/09/24 05:30	29	22	51	2	11.7	96	0.8	64	11
24/09/24 05:35	23	25	48	2	11.8	96	0.9	58	9
24/09/24 05:40	18	22	39	2	11.8	95	0.5	12	22
24/09/24 05:45	18	21	39	2	11.7	95	0.8	2	16
24/09/24 05:50	18	21	38	2	11.8	95	0.9	32	11
24/09/24 05:55	18	21	39	2	11.8	95	1.0	55	9
24/09/24 06:00	23	20	43	2	11.7	95	0.9	58	10
24/09/24 06:05	29	20	48	2	11.7	95	0.8	40	8
24/09/24 06:10	22	20	42	2	11.7	96	0.7	30	15
24/09/24 06:15	23	20	44	2	11.6	96	0.4	39	35
24/09/24 06:20	24	20	44	2	11.7	95	0.8	46	19
24/09/24 06:25	21	19	40	2	11.8	92	1.7	22	22
24/09/24 06:30	7	21	27	2	12.3	86	1.3	17	25
24/09/24 06:35	4	21	25	2	12.8	82	2.0	13	16
24/09/24 06:40	4	21	25	2	13.3	79	1.6	10	20
24/09/24 06:45	4	21	26	2	13.5	77	1.8	14	17
24/09/24 06:50	5	21	26	2	13.7	76	0.9	20	28
24/09/24 06:55	5	22	27	1	13.8	76	1.3	18	27
24/09/24 07:00	6	22	27	1	13.9	74	1.9	360	20

Station Pier Ambient Air Quality Monitoring

September 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 (°)
24/09/24 07:05	6	22	28	2	14.1	73	1.8	3	21
24/09/24 07:10	8	22	30	2	14.2	73	1.0	342	29
24/09/24 07:15	10	21	32	2	14.2	74	0.5	353	40
24/09/24 07:20	16	21	36	2	14.1	74	1.4	2	16
24/09/24 07:25	21	24	45	2	14.1	74	1.3	341	25
24/09/24 07:30	24	24	48	2	14.2	74	1.1	335	28
24/09/24 07:35	30	25	55	2	14.3	74	1.6	359	28
24/09/24 07:40	41	27	68	2	14.4	73	2.2	359	19
24/09/24 07:45	41	27	67	2	14.5	73	1.1	332	37
24/09/24 07:50	43	27	69	2	14.7	73	1.3	359	36
24/09/24 07:55	45	26	72	2	14.8	72	1.9	351	23
24/09/24 08:00	47	26	74	2	15.0	71	2.1	356	20
24/09/24 08:05	50	26	75	2	15.2	70	2.0	356	25
24/09/24 08:10	48	28	76	2	15.4	69	2.4	351	24
24/09/24 08:15	42	31	73	2	15.8	67	1.8	352	31
24/09/24 08:20	34	30	65	2	16.1	66	2.1	348	28
24/09/24 08:25	26	25	51	2	16.2	64	2.4	360	21
24/09/24 08:30	16	23	39	2	16.4	64	1.5	345	35
24/09/24 08:35	16	22	38	2	16.6	63	2.1	3	28
24/09/24 08:40	17	22	39	2	16.8	61	2.7	10	20
24/09/24 08:45	16	22	38	2	17.2	60	2.5	8	23
24/09/24 08:50	14	20	34	2	17.4	59	3.2	358	25
24/09/24 08:55	12	19	31	2	17.6	58	2.8	351	26
24/09/24 09:00	11	18	29	2	17.7	57	4.0	3	22
24/09/24 09:05	9	19	28	2	17.9	56	3.4	354	25
24/09/24 09:10	9	17	26	2	18.1	55	4.0	353	21
24/09/24 09:15	8	16	24	2	18.2	55	3.7	2	25
24/09/24 09:20	8	15	23	2	18.4	54	2.8	357	30
24/09/24 09:25	8	15	23	2	18.4	53	4.2	354	26
24/09/24 09:30	8	15	23	2	18.4	53	2.7	8	27
24/09/24 09:35	8	16	24	2	18.6	53	3.3	358	23
24/09/24 09:40	8	17	25	2	18.7	53	3.1	4	25
24/09/24 09:45	8	17	25	2	18.8	52	3.2	4	21
24/09/24 09:50	8	17	25	2	18.9	52	3.1	351	28
24/09/24 09:55	8	17	25	2	18.9	52	3.7	0	25
24/09/24 10:00	8	17	24	2	19.0	52	3.5	11	23
24/09/24 10:05	7	16	23	2	19.1	52	4.0	4	19
24/09/24 10:10	7	15	21	2	19.1	52	3.1	4	24
24/09/24 10:15	6	14	20	2	19.4	51	3.1	4	27
24/09/24 10:20	6	13	19	2	19.7	51	2.4	3	33
24/09/24 10:25	6	13	18	2	19.9	51	1.7	6	35
24/09/24 10:30	6	12	18	2	20.1	50	1.9	16	30
24/09/24 10:35	6	12	18	2	20.1	50	1.7	353	29
24/09/24 10:40	6	12	18	1	20.4	49	2.7	350	36
24/09/24 10:45	6	12	18	2	20.6	48	2.4	354	30
24/09/24 10:50	6	12	19	2	20.9	48	2.9	10	29
24/09/24 10:55	6	12	19	2	20.9	47	2.7	349	31
24/09/24 11:00	6	12	18	1	21.0	46	2.9	348	35
24/09/24 11:05	6	12	18	1	21.0	46	2.7	355	31
24/09/24 11:10	6	12	17	2	21.2	46	2.1	343	40
24/09/24 11:15	6	12	17	1	21.3	45	2.0	345	37
24/09/24 11:20	5	11	17	2	21.4	45	3.1	337	29
24/09/24 11:25	5	11	17	2	21.5	45	1.8	348	34
24/09/24 11:30	6	12	18	2	21.8	44	2.0	354	33
24/09/24 11:35	5	11	17	2	21.9	44	2.8	339	32
24/09/24 11:40	5	11	16	2	22.0	43	3.0	339	28
24/09/24 11:45	5	10	15	2	22.1	43	2.3	333	36
24/09/24 11:50	5	10	15	2	22.3	43	2.4	339	33
24/09/24 11:55	5	10	15	2	22.5	41	3.6	328	23
24/09/24 12:00	4	8	12	2	22.6	41	2.6	323	36
24/09/24 12:05	4	5	9	2	23.0	41	2.7	315	29
24/09/24 12:10	3	4	7	2	22.9	40	3.4	324	29
24/09/24 12:15	3	5	8	2	23.0	41	3.5	302	20
24/09/24 12:20	3	5	8	2	23.2	40	3.3	326	28
24/09/24 12:25	2	5	7	1	23.3	38	3.6	333	27
24/09/24 12:30	2	5	7	1	23.7	38	3.6	337	27
24/09/24 12:35	2	5	7	1	23.7	38	3.4	325	24
24/09/24 12:40	2	5	7	1	23.7	38	2.0	337	35
24/09/24 12:45	2	5	7	1	23.7	39	2.5	334	35
24/09/24 12:50	2	6	8	2	23.9	38	2.7	322	30
24/09/24 12:55	2	6	8	2	24.0	37	3.0	330	34
24/09/24 13:00	2	6	8	2	24.2	37	3.4	335	27
24/09/24 13:05	3	6	9	2	24.4	37	3.3	343	26
24/09/24 13:10	3	7	9	2	24.1	38	1.9	328	38
24/09/24 13:15	3	7	9	2	24.3	38	1.9	341	38
24/09/24 13:20	3	7	10	2	24.3	37	3.0	346	24
24/09/24 13:25	3	7	10	2	24.5	37	2.7	346	28
24/09/24 13:30	3	7	11	2	25.0	36	2.8	16	22
24/09/24 13:35	3	8	11	2	25.0	35	3.1	2	30
24/09/24 13:40	3	8	11	2	24.9	35	1.9	311	35
24/09/24 13:45	3	8	11	2	25.1	30	4.1	290	16
24/09/24 13:50	3	7	10	2	25.1	30	3.5	301	24
24/09/24 13:55	3	7	9	2	25.3	29	3.9	301	23
24/09/24 14:00	2	6	8	2	25.1	29	3.3	298	17
24/09/24 14:05	2	6	8	2	25.1	30	3.2	284	19
24/09/24 14:10	2	6	8	1	24.9	30	2.9	293	28

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
24/09/24 14:15	2	6	8	1	24.8	32	3.1	252	37
24/09/24 14:20	2	5	7	1	21.8	46	2.8	206	18
24/09/24 14:25	2	5	6	1	21.0	48	1.3	234	45
24/09/24 14:30	2	4	6	1	21.0	49	1.0	242	26
24/09/24 14:35	1	4	6	1	20.8	51	0.7	180	52
24/09/24 14:40	1	5	6	1	20.3	55	2.5	181	20
24/09/24 14:45	1	5	6	2	19.8	58	3.0	170	22
24/09/24 14:50	1	5	6	2	19.3	63	3.9	173	12
24/09/24 14:55	1	5	6	2	19.2	59	2.6	179	17
24/09/24 15:00	1	5	6	2	19.5	61	3.3	202	15
24/09/24 15:05	1	5	7	2	17.9	68	2.7	164	17
24/09/24 15:10	2	7	9	2	18.4	68	1.6	118	32
24/09/24 15:15	3	9	11	2	18.4	67	2.4	118	16
24/09/24 15:20	2	8	10	2	18.3	66	1.4	129	21
24/09/24 15:25	2	8	10	2	18.2	67	1.4	116	15
24/09/24 15:30	2	8	10	2	18.3	67	1.3	128	19
24/09/24 15:35	2	8	10	2	18.5	67	2.1	106	7
24/09/24 15:40	2	8	10	1	18.5	66	2.3	103	4
24/09/24 15:45	2	8	10	2	18.5	66	2.0	110	8
24/09/24 15:50	2	8	10	2	18.5	65	1.3	120	24
24/09/24 15:55	2	8	10	2	18.7	64	1.5	125	15
24/09/24 16:00	2	8	10	2	18.8	64	1.7	104	7
24/09/24 16:05	2	8	10	2	18.7	64	1.5	103	7
24/09/24 16:10	2	8	9	2	18.8	63	1.8	112	7
24/09/24 16:15	1	8	9	2	18.8	63	1.4	113	6
24/09/24 16:20	1	7	9	2	18.8	62	1.0	118	15
24/09/24 16:25	1	7	8	1	19.2	60	1.2	117	19
24/09/24 16:30	1	7	8	1	19.4	59	0.9	117	25
24/09/24 16:35	1	7	8	2	19.6	58	1.4	99	10
24/09/24 16:40	1	6	7	1	19.7	57	0.9	119	17
24/09/24 16:45	1	6	7	1	19.6	58	1.1	132	28
24/09/24 16:50	1	6	7	1	19.5	59	0.9	155	32
24/09/24 16:55	1	6	7	1	19.3	59	1.0	136	31
24/09/24 17:00	1	6	7	2	19.1	60	0.7	99	15
24/09/24 17:05	1	7	8	2	18.8	63	0.9	254	27
24/09/24 17:10	1	7	8	2	18.5	64	0.1	97	93
24/09/24 17:15	1	7	7	1	18.6	63	0.9	154	29
24/09/24 17:20	1	7	7	1	18.7	64	0.8	153	37
24/09/24 17:25	1	7	7	1	18.7	63	1.0	110	16
24/09/24 17:30	1	7	8	2	18.8	62	1.2	97	8
24/09/24 17:35	1	7	7	1	19.1	60	1.1	96	6
24/09/24 17:40	0	7	7	1	19.2	60	1.3	99	5
24/09/24 17:45	0	7	7	1	19.2	58	1.3	120	17
24/09/24 17:50	0	7	7	2	19.3	59	1.0	136	17
24/09/24 17:55	0	7	8	2	19.1	61	0.7	100	16
24/09/24 18:00	1	8	8	2	18.9	63	0.6	123	28
24/09/24 18:05	0	8	8	2	18.5	65	0.8	202	20
24/09/24 18:10	0	10	10	2	18.0	69	0.8	195	28
24/09/24 18:15	0	9	9	2	17.8	67	0.6	149	38
24/09/24 18:20	0	8	8	2	18.0	66	0.7	131	35
24/09/24 18:25	0	8	8	2	18.1	67	0.6	116	35
24/09/24 18:30	0	7	7	2	17.9	69	0.9	96	31
24/09/24 18:35	0	7	7	2	17.7	69	1.2	116	18
24/09/24 18:40	0	6	6	2	17.8	69	0.9	155	29
24/09/24 18:45	0	6	6	1	17.7	69	1.0	194	30
24/09/24 18:50	0	6	6	1	17.6	70	0.9	182	36
24/09/24 18:55	0	6	6	1	17.8	68	1.3	177	38
24/09/24 19:00	0	6	6	1	17.8	69	1.5	168	26
24/09/24 19:05	0	5	5	2	18.1	64	2.0	181	14
24/09/24 19:10	0	5	5	2	18.7	63	3.0	191	8
24/09/24 19:15	0	11	11	2	17.8	67	3.7	185	9
24/09/24 19:20	0	8	8	2	18.5	64	2.5	169	17
24/09/24 19:25	0	6	6	1	18.2	66	1.7	164	27
24/09/24 19:30	0	4	4	1	18.2	65	2.5	185	12
24/09/24 19:35	0	4	4	2	18.2	66	2.7	198	12
24/09/24 19:40	0	4	4	2	17.4	73	2.5	211	7
24/09/24 19:45	0	5	5	2	16.8	77	2.8	216	3
24/09/24 19:50	0	7	7	2	16.8	76	3.6	188	8
24/09/24 19:55	0	16	16	2	17.2	74	3.0	190	8
24/09/24 20:00	0	29	29	2	17.2	74	1.7	165	38
24/09/24 20:05	0	17	18	2	17.5	72	2.6	137	21
24/09/24 20:10	0	12	12	1	17.5	72	2.2	137	17
24/09/24 20:15	0	12	12	1	17.0	77	1.4	79	20
24/09/24 20:20	0	12	12	1	16.7	79	1.6	91	20
24/09/24 20:25	0	10	10	1	16.8	78	2.3	105	9
24/09/24 20:30	0	8	8	1	16.9	77	1.2	138	34
24/09/24 20:35	0	7	7	1	16.8	78	1.0	151	22
24/09/24 20:40	0	6	6	1	16.8	78	1.0	144	19
24/09/24 20:45	0	6	6	1	16.7	79	0.6	174	35
24/09/24 20:50	0	6	6	1	16.6	80	1.7	206	6
24/09/24 20:55	0	6	6	1	16.3	82	0.5	134	47
24/09/24 21:00	0	6	6	1	16.3	82	0.2	87	58
24/09/24 21:05	0	6	6	1	16.4	82	0.1	279	68
24/09/24 21:10	0	6	6	1	16.3	82	0.6	222	22
24/09/24 21:15	0	6	6	1	16.2	83	0.8	106	20
24/09/24 21:20	0	6	6	1	16.4	83	1.1	142	19

Station Pier Ambient Air Quality Monitoring

September 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 (°)
24/09/24 21:25	0	6	6	1	16.3	82	0.2	333	82
24/09/24 21:30	0	6	6	1	16.3	82	0.7	285	44
24/09/24 21:35	0	7	7	1	16.4	82	0.2	197	71
24/09/24 21:40	0	7	7	1	16.4	81	0.3	248	47
24/09/24 21:45	0	7	7	1	16.3	81	0.6	158	24
24/09/24 21:50	0	7	7	1	16.3	82	0.4	105	46
24/09/24 21:55	0	7	7	1	16.4	81	1.0	127	13
24/09/24 22:00	0	7	7	1	16.5	81	0.5	75	28
24/09/24 22:05	0	8	8	0	16.5	80	0.5	90	13
24/09/24 22:10	0	9	9	0	16.7	79	0.8	95	7
24/09/24 22:15	0	9	9	0	16.8	79	0.9	115	4
24/09/24 22:20	0	9	9	0	16.9	78	1.1	98	10
24/09/24 22:25	0	10	10	1	16.9	78	1.0	83	11
24/09/24 22:30	0	11	11	1	17.0	78	0.8	86	9
24/09/24 22:35	0	16	16	1	17.1	77	0.6	109	27
24/09/24 22:40	0	18	19	1	17.0	78	2.2	233	15
24/09/24 22:45	0	16	17	1	16.6	81	2.3	252	20
24/09/24 22:50	10	31	41	1	16.5	82	1.7	288	11
24/09/24 22:55	14	28	42	1	16.6	82	3.0	267	9
24/09/24 23:00	1	18	19	1	16.5	82	2.9	269	11
24/09/24 23:05	1	17	18	1	16.4	83	2.2	274	9
24/09/24 23:10	1	17	18	1	16.4	82	1.7	277	13
24/09/24 23:15	1	17	18	1	16.3	82	1.6	273	10
24/09/24 23:20	1	17	17	1	16.3	83	1.2	283	15
24/09/24 23:25	1	17	18	1	16.3	83	1.3	270	11
24/09/24 23:30	1	18	19	1	16.3	82	1.2	266	5
24/09/24 23:35	1	18	19	1	16.3	82	0.7	299	32
24/09/24 23:40	1	21	21	1	16.3	82	0.6	4	21
24/09/24 23:45	1	27	28	1	16.3	81	0.4	293	25
24/09/24 23:50	1	27	28		16.3	81	0.6	262	12
24/09/24 23:55	1	25	27		16.2	80	0.2	348	60
25/09/24 00:00	1	24	25	1	16.3	81	1.0	343	33
25/09/24 00:05	1	23	24	1	16.4	80	1.9	312	11
25/09/24 00:10	1	24	24	1	16.6	79	1.1	352	35
25/09/24 00:15	1	24	25	1	16.6	79	1.4	20	26
25/09/24 00:20	8	29	36	2	16.7	79	1.6	341	27
25/09/24 00:25	29	32	61	2	16.9	78	1.5	343	23
25/09/24 00:30	30	32	63	2	16.9	78	1.4	341	29
25/09/24 00:35	30	32	62	2	16.9	79	1.9	353	13
25/09/24 00:40	30	31	61	2	16.8	78	1.5	343	25
25/09/24 00:45	30	31	61	2	16.8	78	1.3	315	20
25/09/24 00:50	31	31	62	2	16.8	77	1.4	333	25
25/09/24 00:55	34	30	64	2	16.7	77	1.5	307	20
25/09/24 01:00	40	27	67	2	16.7	76	2.0	301	14
25/09/24 01:05					16.9	76	1.7	300	15
25/09/24 01:10					16.8	75	1.6	301	10
25/09/24 01:15					16.9	74	2.1	309	13
25/09/24 01:20					17.0	73	1.6	320	18
25/09/24 01:25					16.9	73	1.0	322	28
25/09/24 01:30					17.0	73	1.6	297	18
25/09/24 01:35					16.9	73	1.6	310	16
25/09/24 01:40					16.9	72	1.5	324	19
25/09/24 01:45					17.0	72	1.5	321	14
25/09/24 01:50					17.0	72	1.6	327	22
25/09/24 01:55					16.9	72	1.1	315	41
25/09/24 02:00					16.4	78	3.1	208	6
25/09/24 02:05	5	26	30	2	16.0	79	1.1	246	21
25/09/24 02:10	3	23	26	2	16.0	80	3.7	218	14
25/09/24 02:15	19	21	40	2	15.8	80	2.7	221	8
25/09/24 02:20	2	14	16	2	15.6	82	2.1	227	5
25/09/24 02:25	0	10	11	2	15.6	83	1.5	229	11
25/09/24 02:30	0	10	11	2	15.5	83	1.8	233	12
25/09/24 02:35	0	10	10	2	15.5	83	1.7	238	6
25/09/24 02:40	0	9	10	2	15.4	83	2.0	245	9
25/09/24 02:45	0	9	10	2	15.5	82	1.2	264	19
25/09/24 02:50	0	10	10	2	15.6	81	1.4	236	14
25/09/24 02:55	0	10	10	2	15.6	81	0.5	211	13
25/09/24 03:00	0	9	10	2	15.6	81	0.3	235	28
25/09/24 03:05	0	9	10	2	15.5	81	0.8	234	9
25/09/24 03:10	0	9	9	2	15.5	82	0.9	229	15
25/09/24 03:15	0	10	10	2	15.4	82	1.2	279	12
25/09/24 03:20	0	12	12	2	15.4	82	1.0	215	15
25/09/24 03:25	0	13	13	2	15.4	84	2.1	231	4
25/09/24 03:30	1	17	17	2	15.3	84	3.7	234	5
25/09/24 03:35	1	14	15	2	15.2	85	4.7	225	5
25/09/24 03:40	1	6	7	2	15.1	86	5.6	225	4
25/09/24 03:45	1	5	6	2	15.0	87	4.7	225	4
25/09/24 03:50	1	5	5	2	15.1	87	4.7	224	4
25/09/24 03:55	1	4	5	2	14.9	87	4.7	221	5
25/09/24 04:00	1	5	5	2	14.9	88	4.0	218	4
25/09/24 04:05	0	4	5	2	14.9	88	3.7	216	5
25/09/24 04:10	0	4	4	2	14.8	89	3.6	215	4
25/09/24 04:15	0	4	4	2	14.9	89	3.1	215	6
25/09/24 04:20	0	4	4	2	14.7	89	2.6	219	4
25/09/24 04:25	0	3	3	2	14.7	90	3.0	224	5
25/09/24 04:30	0	3	3	2	14.7	90	3.2	229	3

Station Pier Ambient Air Quality Monitoring

September 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 (°)
25/09/24 04:35	0	2	2	2	14.7	90	3.1	230	4
25/09/24 04:40	0	2	2	2	14.6	90	3.2	229	5
25/09/24 04:45	0	2	2	2	14.6	90	3.3	226	5
25/09/24 04:50	0	2	2	2	14.6	91	3.1	223	4
25/09/24 04:55	0	2	2	2	14.6	91	2.6	222	4
25/09/24 05:00	0	1	1	2	14.5	91	2.2	230	6
25/09/24 05:05	0	1	1	2	14.5	91	2.2	241	7
25/09/24 05:10	0	1	1	2	14.6	91	2.5	238	4
25/09/24 05:15	0	1	1	2	14.6	91	2.7	240	7
25/09/24 05:20	0	2	2	2	14.6	90	2.4	236	6
25/09/24 05:25	0	3	3	2	14.6	90	2.7	236	4
25/09/24 05:30	0	3	3	2	14.6	91	2.3	234	3
25/09/24 05:35	0	3	3	2	14.6	91	2.0	231	3
25/09/24 05:40	0	2	3	2	14.6	91	1.1	231	6
25/09/24 05:45	0	2	2	2	14.5	91	0.8	227	8
25/09/24 05:50	0	2	2	2	14.5	91	0.6	249	15
25/09/24 05:55	0	2	1	2	14.5	91	0.7	261	12
25/09/24 06:00	0	1	1	2	14.5	92	0.7	247	11
25/09/24 06:05	0	1	1	2	14.5	91	0.6	225	11
25/09/24 06:10	0	2	2	1	14.5	92	0.6	227	10
25/09/24 06:15	0	2	2	2	14.5	92	0.6	200	7
25/09/24 06:20	0	3	3	2	14.4	92	0.5	190	24
25/09/24 06:25	0	4	4	2	14.4	92	0.3	298	51
25/09/24 06:30	0	4	4	2	14.4	91	0.1	292	59
25/09/24 06:35	0	3	3	1	14.4	91	0.1	214	56
25/09/24 06:40	0	3	3	1	14.4	91	0.2	178	20
25/09/24 06:45	0	3	3	1	14.5	91	0.3	107	31
25/09/24 06:50	0	3	3	1	14.5	91	0.2	74	23
25/09/24 06:55	0	3	3	1	14.5	91	0.2	254	49
25/09/24 07:00	0	3	3	1	14.5	91	0.6	222	5
25/09/24 07:05	0	3	3	1	14.4	91	0.4	241	18
25/09/24 07:10	0	3	3	1	14.5	91	0.4	273	7
25/09/24 07:15	0	3	3	1	14.5	91	0.5	290	11
25/09/24 07:20	0	3	3	1	14.4	91	0.5	296	10
25/09/24 07:25	0	3	3	1	14.5	91	0.2	242	30
25/09/24 07:30	0	3	3	1	14.5	91	0.1	276	64
25/09/24 07:35	0	4	4	1	14.6	91	0.5	27	13
25/09/24 07:40	1	16	16	1	14.6	91	0.7	10	19
25/09/24 07:45	1	20	21	1	14.7	90	0.2	348	31
25/09/24 07:50	2	23	25	2	14.8	90	0.3	243	27
25/09/24 07:55	4	25	29	2	14.8	90	0.2	291	26
25/09/24 08:00	9	28	37	2	14.8	90	0.4	307	12
25/09/24 08:05	14	26	39	2	14.8	90	0.3	281	23
25/09/24 08:10	14	25	39	2	14.7	90	0.5	265	40
25/09/24 08:15	13	25	38	2	14.7	90	0.9	234	11
25/09/24 08:20	12	24	36	2	14.7	90	0.8	266	6
25/09/24 08:25	11	24	35	2	14.7	90	1.2	240	17
25/09/24 08:30	10	19	29	2	14.5	91	1.7	227	6
25/09/24 08:35	4	12	16	2	14.3	92	1.6	224	11
25/09/24 08:40	3	13	16	2	14.3	93	1.9	231	5
25/09/24 08:45	3	13	16	2	14.3	93	2.5	234	2
25/09/24 08:50	3	13	16	2	14.3	93	2.8	230	3
25/09/24 08:55	2	12	14	2	14.3	93	3.7	227	2
25/09/24 09:00	2	7	8	2	14.3	94	3.3	229	3
25/09/24 09:05	2	7	9	2	14.2	95	3.3	231	3
25/09/24 09:10	2	9	11	2	14.1	95	3.1	230	3
25/09/24 09:15	2	11	13	2	14.0	95	3.4	230	2
25/09/24 09:20	2	12	14	2	13.9	95	3.4	230	2
25/09/24 09:25	2	11	13	2	14.0	95	3.4	231	4
25/09/24 09:30	2	10	12	2	13.9	95	4.2	227	3
25/09/24 09:35	2	7	9	2	13.7	95	7.2	222	14
25/09/24 09:40	1	4	5	2	13.1	95	6.8	187	7
25/09/24 09:45	1	4	5	2	12.9	95	7.1	190	6
25/09/24 09:50	1	3	5	2	12.6	95	7.5	191	6
25/09/24 09:55	1	3	4	2	12.6	95	8.8	190	5
25/09/24 10:00	1	3	4	2	12.6	95	7.2	187	7
25/09/24 10:05	1	3	4	2	12.5	94	8.4	188	8
25/09/24 10:10	1	3	4	2	12.3	94	7.2	184	8
25/09/24 10:15	2	4	6	2	12.4	94	7.2	183	8
25/09/24 10:20	2	6	9	2	12.3	93	7.2	185	10
25/09/24 10:25	3	7	10	2	12.4	92	7.0	180	10
25/09/24 10:30	3	6	9	2	12.5	91	6.7	183	8
25/09/24 10:35	3	5	7	2	12.5	91	5.9	184	11
25/09/24 10:40	2	1	3	2	12.5	91	5.7	180	13
25/09/24 10:45	2	1	3	2	12.6	91	4.3	173	16
25/09/24 10:50	2	5	7	2	12.5	90	4.2	168	14
25/09/24 10:55	3	8	11	2	12.6	91	3.3	167	23
25/09/24 11:00	2	0	2	2	12.6	90	3.5	168	17
25/09/24 11:05	1	0	1	2	12.5	90	4.0	178	15
25/09/24 11:10	1	1	2	2	12.4	90	4.3	180	12
25/09/24 11:15	1	1	2	2	12.4	91	3.9	174	15
25/09/24 11:20	1	2	2	2	12.5	92	3.4	175	15
25/09/24 11:25	1	1	2	2	12.2	92	4.1	180	13
25/09/24 11:30	1	1	2	2	12.3	93	3.9	170	14
25/09/24 11:35	1	2	3	2	12.4	93	4.2	171	17
25/09/24 11:40	1	2	3	2	12.0	91	4.8	180	13

Station Pier Ambient Air Quality Monitoring

September 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 (°)
25/09/24 11:45	1	2	3	1	11.5	90	5.2	185	8
25/09/24 11:50	1	2	3	2	11.4	89	5.1	184	10
25/09/24 11:55	2	13	15	2	11.5	90	4.0	184	11
25/09/24 12:00	4	21	24	2	11.8	89	4.6	184	11
25/09/24 12:05	4	11	15	2	11.8	88	4.0	186	10
25/09/24 12:10	4	5	9	2	11.8	87	4.4	189	8
25/09/24 12:15	3	1	3	2	11.9	88	3.9	183	9
25/09/24 12:20				2	11.9	88	3.4	178	11
25/09/24 12:25	1	0	2	2	12.0	88	3.4	183	11
25/09/24 12:30	1	1	1	2	12.1	89	2.8	178	14
25/09/24 12:35	1	1	1	1	12.2	89	2.6	182	14
25/09/24 12:40	0	1	1	1	12.3	87	2.8	173	16
25/09/24 12:45	0	1	1	1	12.4	87	3.2	166	19
25/09/24 12:50	0	1	1	1	12.5	87	2.6	174	21
25/09/24 12:55	0	1	1	1	12.4	83	3.2	174	17
25/09/24 13:00	0	1	1	1	12.4	82	3.3	178	13
25/09/24 13:05	0	1	1	1	12.6	81	3.1	173	17
25/09/24 13:10	0	1	1	1	12.5	82	3.0	164	20
25/09/24 13:15	0	1	1	2	12.5	82	2.2	155	27
25/09/24 13:20	0	1	1	2	12.4	81	2.3	147	24
25/09/24 13:25	0	1	1	2	12.4	81	1.6	164	32
25/09/24 13:30	0	1	1	2	12.6	81	2.0	165	20
25/09/24 13:35	0	1	1	2	12.8	80	2.1	168	23
25/09/24 13:40	0	1	1	2	12.9	79	1.9	166	29
25/09/24 13:45	0	1	2	2	12.9	79	2.2	171	21
25/09/24 13:50	0	1	2	2	12.8	79	2.2	163	20
25/09/24 13:55	0	1	2	2	12.8	79	1.9	150	26
25/09/24 14:00	0	1	2	2	12.7	78	1.9	157	30
25/09/24 14:05	0	1	2	2	12.7	79	1.7	165	23
25/09/24 14:10	0	1	2	2	12.8	79	1.7	157	25
25/09/24 14:15	0	1	1	2	12.8	79	1.6	148	29
25/09/24 14:20	1	2	2	2	12.8	79	1.6	165	25
25/09/24 14:25	1	2	3	2	13.0	79	1.7	174	21
25/09/24 14:30	1	1	2	2	13.0	79	1.7	179	17
25/09/24 14:35	1	2	2	2	13.0	79	1.4	177	25
25/09/24 14:40	1	1	2	2	13.1	79	1.5	170	29
25/09/24 14:45	1	2	3	2	13.1	77	1.1	155	28
25/09/24 14:50	1	2	2	2	13.0	78	1.4	144	22
25/09/24 14:55	1	2	2	2	13.0	78	1.4	140	19
25/09/24 15:00	1	1	2	2	12.9	79	1.2	159	26
25/09/24 15:05	0	1	1	2	13.0	78	1.3	147	21
25/09/24 15:10	0	1	1	2	13.2	78	1.0	151	22
25/09/24 15:15	0	1	1	2	13.3	78	0.9	154	30
25/09/24 15:20	0	1	1	2	13.3	77	0.9	161	29
25/09/24 15:25	0	1	1	2	13.2	77	0.9	163	31
25/09/24 15:30	0	1	1	2	13.2	78	0.9	176	29
25/09/24 15:35	0	1	2	2	13.3	79	1.4	197	12
25/09/24 15:40	0	1	2	2	13.1	79	1.8	200	7
25/09/24 15:45	0	1	2	2	12.8	79	1.4	195	18
25/09/24 15:50	0	2	2	2	12.9	80	1.7	203	7
25/09/24 15:55	0	1	2	2	12.7	80	1.8	203	7
25/09/24 16:00	0	1	1	2	12.6	80	1.6	201	6
25/09/24 16:05	0	1	1	2	12.5	80	1.6	201	6
25/09/24 16:10	0	1	1	2	12.6	81	1.5	203	10
25/09/24 16:15	0	2	2	2	12.5	81	1.7	208	9
25/09/24 16:20	0	2	2	2	12.5	82	1.4	195	8
25/09/24 16:25	0	2	3	2	12.6	81	1.4	209	9
25/09/24 16:30	0	3	4	2	12.6	82	2.6	212	5
25/09/24 16:35	0	5	5	2	12.6	82	2.5	204	8
25/09/24 16:40	0	6	6	2	12.6	82	2.2	192	8
25/09/24 16:45	0	6	6	2	12.7	81	2.2	186	11
25/09/24 16:50	1	6	7	2	12.7	81	3.2	191	12
25/09/24 16:55	1	5	6	2	12.7	83	2.0	165	25
25/09/24 17:00	0	5	6	1	12.5	83	2.6	169	22
25/09/24 17:05	0	4	4	1	12.4	82	2.5	151	25
25/09/24 17:10	0	3	4	2	12.4	81	1.9	133	34
25/09/24 17:15	0	3	3	2	12.3	82	1.9	129	14
25/09/24 17:20	0	2	2	2	12.3	82	1.2	170	29
25/09/24 17:25	0	2	2	2	12.6	83	2.0	180	15
25/09/24 17:30	0	3	4	2	12.6	80	2.2	185	13
25/09/24 17:35	1	11	12	2	12.9	78	3.8	183	11
25/09/24 17:40	2	10	12	2	13.0	73	4.9	179	11
25/09/24 17:45	3	16	19	2	13.2	73	4.6	180	12
25/09/24 17:50	3	11	14	2	13.2	71	5.0	184	11
25/09/24 17:55	4	11	15	2	13.2	69	6.1	181	8
25/09/24 18:00	4	12	16	2	13.2	69	6.1	182	9
25/09/24 18:05	5	14	19	2	13.1	70	5.9	183	10
25/09/24 18:10	7	23	30	2	13.0	70	5.7	187	8
25/09/24 18:15	19	33	52	2	12.7	73	6.1	188	11
25/09/24 18:20	25	28	52	2	12.5	74	6.2	186	9
25/09/24 18:25	14	17	31	2	12.4	76	5.7	187	7
25/09/24 18:30	5	5	10	2	12.4	75	6.9	188	6
25/09/24 18:35	11	11	22	2	12.3	73	5.2	188	7
25/09/24 18:40	11	14	25	2	12.4	76	4.6	183	10
25/09/24 18:45	4	7	11	2	12.4	76	4.3	184	10
25/09/24 18:50	3	4	7	2	12.4	77	3.6	179	15

Station Pier Ambient Air Quality Monitoring

September 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 (°)
25/09/24 18:55				2	12.6	78	3.2	172	22
25/09/24 19:00				2	12.6	76	3.2	180	14
25/09/24 19:05				2	12.6	80	4.7	191	7
25/09/24 19:10	0	0	0	2	12.2	84	5.9	199	7
25/09/24 19:15	0	0	1	2	12.0	85	4.7	200	6
25/09/24 19:20	0	0	1	2	12.0	84	4.1	188	8
25/09/24 19:25	0	0	1	2	12.0	83	2.9	163	30
25/09/24 19:30	0	0	1	1	12.3	76	3.4	147	22
25/09/24 19:35	0	1	1	2	12.5	74	4.2	143	14
25/09/24 19:40	0	1	1	2	12.5	73	4.9	132	11
25/09/24 19:45	0	1	1	2	12.5	74	4.5	138	12
25/09/24 19:50	0	1	1	2	12.5	75	3.2	143	22
25/09/24 19:55	0	1	1	2	12.6	76	2.8	162	23
25/09/24 20:00	0	1	1	2	12.7	75	2.9	168	24
25/09/24 20:05	0	1	1	2	12.7	75	2.6	165	26
25/09/24 20:10	0	1	1	2	12.8	75	2.7	162	23
25/09/24 20:15	0	1	1	2	12.7	75	2.8	154	24
25/09/24 20:20	0	1	1	2	12.7	74	3.5	146	20
25/09/24 20:25	0	1	1	2	12.7	76	3.1	157	21
25/09/24 20:30	0	1	1	2	12.8	75	2.7	167	32
25/09/24 20:35	0	1	1	2	12.8	74	3.5	170	21
25/09/24 20:40	0	1	1	2	12.9	74	3.0	155	31
25/09/24 20:45	0	1	1	2	12.9	73	4.3	157	24
25/09/24 20:50	0	1	1	2	12.8	72	2.8	168	28
25/09/24 20:55	0	0	1	2	12.8	72	3.2	156	31
25/09/24 21:00	0	1	1	2	12.9	72	3.2	163	30
25/09/24 21:05	0	0	1	2	12.9	70	3.9	161	22
25/09/24 21:10	0	0	1	2	12.8	72	3.7	158	22
25/09/24 21:15	0	0	1	2	12.8	71	3.8	163	24
25/09/24 21:20	0	0	0	2	12.8	71	3.3	165	30
25/09/24 21:25	0	0	0	2	12.8	72	3.3	164	26
25/09/24 21:30	0	0	0	2	12.7	72	3.7	162	25
25/09/24 21:35	0	0	1	2	12.7	71	3.9	162	21
25/09/24 21:40	0	0	0	2	12.7	72	3.8	165	20
25/09/24 21:45	0	0	0	2	12.8	70	5.0	168	15
25/09/24 21:50	0	0	0	2	12.7	69	4.4	162	21
25/09/24 21:55	0	0	0	1	12.6	69	4.6	164	19
25/09/24 22:00	0	0	0	2	12.6	68	5.1	165	18
25/09/24 22:05	0	0	0	2	12.7	69	4.4	164	20
25/09/24 22:10	0	0	0	2	12.6	69	5.4	167	16
25/09/24 22:15	0	0	0	2	12.6	68	4.0	160	30
25/09/24 22:20	0	0	0	2	12.5	69	4.6	168	20
25/09/24 22:25	0	0	0	2	12.5	68	5.4	162	16
25/09/24 22:30	0	0	0	2	12.4	67	4.6	158	24
25/09/24 22:35	0	0	0	2	12.4	66	4.2	155	28
25/09/24 22:40	0	0	0	2	12.4	68	4.4	166	25
25/09/24 22:45	0	0	0	2	12.4	67	4.5	171	23
25/09/24 22:50	0	0	0	1	12.4	66	5.3	170	16
25/09/24 22:55	0	0	0	2	12.3	65	5.3	168	17
25/09/24 23:00	0	0	0	2	12.3	66	4.2	166	26
25/09/24 23:05	0	0	0	2	12.4	67	3.9	164	22
25/09/24 23:10	0	0	0	2	12.3	68	4.4	168	21
25/09/24 23:15	0	0	0	2	12.4	67	4.3	165	22
25/09/24 23:20	0	0	0	2	12.3	66	5.1	165	19
25/09/24 23:25	0	0	0	2	12.3	65	4.0	166	29
25/09/24 23:30	0	0	0	2	12.3	66	4.3	166	24
25/09/24 23:35	0	0	0	2	12.3	65	3.9	155	27
25/09/24 23:40	0	0	0	2	12.2	64	4.8	161	21
25/09/24 23:45	0	0	0	2	12.3	65	4.4	164	22
25/09/24 23:50	0	0	0		12.3	65	4.1	169	27
25/09/24 23:55	0	0	0		12.3	65	3.3	159	29
26/09/24 00:00	0	0	0	2	12.2	64	3.2	159	33
26/09/24 00:05	0	0	0	2	12.2	64	3.3	155	27
26/09/24 00:10	0	0	0	2	12.1	65	3.0	161	33
26/09/24 00:15	0	0	0	2	12.2	67	4.6	143	22
26/09/24 00:20	0	0	0	2	12.1	66	5.0	145	19
26/09/24 00:25	0	0	0	2	12.2	68	4.0	150	21
26/09/24 00:30	0	0	0	2	12.2	69	3.7	163	22
26/09/24 00:35	0	0	0	2	12.2	67	3.9	164	25
26/09/24 00:40	0	0	0	2	12.1	66	5.4	169	16
26/09/24 00:45	0	0	0	2	12.2	63	5.4	168	16
26/09/24 00:50	0	0	0	2	12.1	62	6.4	178	13
26/09/24 00:55	0	0	0	2	12.0	61	6.0	183	11
26/09/24 01:00	0	0	0	2	12.0	62	5.3	178	13
26/09/24 01:05					12.0	62	5.1	173	15
26/09/24 01:10					12.1	63	5.1	178	12
26/09/24 01:15					12.1	63	4.6	170	17
26/09/24 01:20					12.0	64	4.2	169	18
26/09/24 01:25					12.1	66	3.6	167	25
26/09/24 01:30					12.0	67	4.4	181	13
26/09/24 01:35					12.0	65	4.3	172	17
26/09/24 01:40					12.0	66	4.7	172	15
26/09/24 01:45					12.1	68	4.5	178	16
26/09/24 01:50					12.1	67	6.0	180	12
26/09/24 01:55					12.0	68	5.4	180	11
26/09/24 02:00					12.0	66	5.8	173	16

Station Pier Ambient Air Quality Monitoring

September 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 (°)
26/09/24 02:05	0	0	0	2	12.0	61	5.5	170	14
26/09/24 02:10	0	0	0	2	11.9	62	5.5	180	11
26/09/24 02:15	0	0	0	2	12.0	63	4.8	177	14
26/09/24 02:20	0	0	0	2	12.0	62	4.8	178	13
26/09/24 02:25	0	0	0	2	12.0	63	4.7	178	13
26/09/24 02:30	0	1	1	2	12.0	66	4.5	172	15
26/09/24 02:35	0	1	1	2	12.0	64	4.7	180	12
26/09/24 02:40	0	0	1	2	12.0	66	3.9	176	17
26/09/24 02:45	0	0	1	2	11.9	66	3.6	175	17
26/09/24 02:50	0	0	1	2	11.9	65	3.9	165	18
26/09/24 02:55	0	0	1	2	11.9	66	3.4	168	20
26/09/24 03:00	0	0	0	2	12.0	65	3.9	173	17
26/09/24 03:05	0	0	0	2	11.9	65	3.7	166	21
26/09/24 03:10	0	0	0	2	12.0	65	4.0	162	19
26/09/24 03:15	0	0	1	2	12.0	66	3.9	170	18
26/09/24 03:20	0	0	0	2	12.1	67	4.6	172	14
26/09/24 03:25	0	0	0	2	12.1	69	5.2	181	10
26/09/24 03:30	0	0	0	2	12.2	68	6.1	184	9
26/09/24 03:35	0	0	0	2	12.1	64	7.3	187	8
26/09/24 03:40	0	0	0	2	12.0	64	7.7	183	8
26/09/24 03:45	0	0	0	2	12.0	62	7.6	184	8
26/09/24 03:50	0	0	0	2	12.0	61	7.3	186	7
26/09/24 03:55	0	1	1	2	11.9	63	6.8	184	10
26/09/24 04:00	0	1	1	2	11.9	63	5.8	178	10
26/09/24 04:05	0	1	1	1	11.9	60	5.2	180	11
26/09/24 04:10	0	1	1	1	11.9	60	6.3	179	13
26/09/24 04:15	0	1	1	2	11.9	61	5.3	171	13
26/09/24 04:20	0	0	0	2	11.9	59	4.7	161	22
26/09/24 04:25	0	0	0	2	11.9	57	5.0	147	21
26/09/24 04:30	0	0	0	2	11.8	58	3.3	149	27
26/09/24 04:35	0	0	0	2	11.9	59	3.6	155	27
26/09/24 04:40	0	0	0	2	11.9	63	3.8	174	16
26/09/24 04:45	0	0	0	2	11.9	62	3.6	171	17
26/09/24 04:50	0	0	0	2	11.8	62	3.5	170	17
26/09/24 04:55	0	0	0	2	11.9	62	4.6	178	10
26/09/24 05:00	0	0	0	2	11.9	62	4.4	180	13
26/09/24 05:05	0	0	0	2	11.8	63	3.8	174	15
26/09/24 05:10	0	1	1	2	11.9	64	4.3	175	15
26/09/24 05:15	0	1	1	2	11.9	60	5.1	181	11
26/09/24 05:20	0	1	1	2	11.8	58	5.6	182	10
26/09/24 05:25	0	1	1	2	12.0	60	4.0	178	14
26/09/24 05:30	0	0	1	2	12.0	59	6.8	181	9
26/09/24 05:35	0	1	1	2	12.0	60	7.0	183	8
26/09/24 05:40	0	1	1	2	12.0	60	6.2	185	10
26/09/24 05:45	0	1	1	2	11.9	62	6.0	185	9
26/09/24 05:50	0	1	1	2	11.9	59	6.5	183	9
26/09/24 05:55	0	2	2	2	12.0	59	6.8	183	9
26/09/24 06:00	0	2	2	2	12.0	61	7.2	185	9
26/09/24 06:05	0	1	1	2	11.9	59	8.2	184	7
26/09/24 06:10	0	0	1	2	12.0	57	7.3	184	8
26/09/24 06:15	0	0	1	2	12.0	57	7.4	184	8
26/09/24 06:20	0	0	0	2	12.0	56	7.1	185	9
26/09/24 06:25	0	0	0	2	12.0	55	6.7	185	11
26/09/24 06:30	0	0	0	2	11.9	54	6.8	186	7
26/09/24 06:35	0	0	0	2	12.0	56	6.2	187	7
26/09/24 06:40	0	1	1	2	12.0	56	7.2	188	7
26/09/24 06:45	0	1	1	2	12.0	58	7.6	184	10
26/09/24 06:50	0	1	1	2	12.1	59	7.2	184	8
26/09/24 06:55	0	1	1	2	12.1	54	7.1	188	7
26/09/24 07:00	0	1	1	2	12.2	57	5.8	179	11
26/09/24 07:05	0	1	1	2	12.3	57	5.3	181	12
26/09/24 07:10	0	1	1	2	12.3	58	5.7	181	10
26/09/24 07:15	0	1	1	2	12.3	59	5.0	172	13
26/09/24 07:20	0	1	1	2	12.3	59	5.2	175	13
26/09/24 07:25	0	1	1	2	12.4	57	5.7	183	10
26/09/24 07:30	0	1	1	2	12.4	60	5.1	177	16
26/09/24 07:35	0	1	1	2	12.4	64	3.9	161	24
26/09/24 07:40	1	1	1	2	12.2	66	4.0	151	25
26/09/24 07:45	1	1	1	2	12.2	67	3.9	158	29
26/09/24 07:50	1	1	1	2	12.1	69	3.8	166	25
26/09/24 07:55	1	0	1	2	12.1	70	5.0	171	14
26/09/24 08:00	1	1	1	2	12.1	70	5.1	172	17
26/09/24 08:05	1	1	1	2	12.1	71	4.1	178	15
26/09/24 08:10	0	1	1	2	12.0	69	5.3	179	11
26/09/24 08:15	1	1	2	2	12.1	70	4.9	183	11
26/09/24 08:20	0	1	2	2	12.2	67	5.5	184	9
26/09/24 08:25	0	1	2	2	12.2	64	6.2	185	7
26/09/24 08:30	0	1	1	2	12.3	64	6.6	184	10
26/09/24 08:35	0	1	2	2	12.4	62	5.9	184	10
26/09/24 08:40	0	1	2	2	12.5	61	4.8	178	12
26/09/24 08:45	0	1	2	2	12.5	58	6.4	182	11
26/09/24 08:50	0	1	2	2	12.7	59	5.3	180	11
26/09/24 08:55	0	1	1	2	12.9	59	4.3	177	13
26/09/24 09:00	0	1	1	2	12.9	57	5.1	179	10
26/09/24 09:05	0	1	1	2	13.0	57	5.2	181	12
26/09/24 09:10	0	1	1	2	13.0	60	4.5	179	13

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
26/09/24 09:15	1	1	2	2	13.1	56	3.9	168	19
26/09/24 09:20	1	1	2	2	13.0	55	4.6	180	13
26/09/24 09:25	1	1	2	2	13.1	58	4.3	177	16
26/09/24 09:30	1	1	2	2	13.1	57	4.7	168	19
26/09/24 09:35	0	1	1	2	13.0	57	4.3	169	17
26/09/24 09:40	1	1	1	2	13.1	57	4.4	177	11
26/09/24 09:45	1	1	1	2	13.2	59	4.5	168	18
26/09/24 09:50	0	1	1	2	13.4	60	3.9	179	12
26/09/24 09:55	0	1	1	2	13.3	60	4.2	177	13
26/09/24 10:00	0	1	1	2	13.2	61	4.8	181	14
26/09/24 10:05	0	1	1	2	13.4	62	4.2	171	12
26/09/24 10:10	0	1	1	2	13.5	60	4.4	172	16
26/09/24 10:15	0	1	1	2	13.6	59	4.3	179	14
26/09/24 10:20	1	1	2	2	13.7	60	3.7	181	13
26/09/24 10:25	1	1	2	2	13.8	59	4.6	178	14
26/09/24 10:30	1	1	2	2	13.7	59	4.2	181	12
26/09/24 10:35	1	1	1	2	13.4	60	3.9	182	13
26/09/24 10:40	0	1	1	2	13.4	62	4.4	175	13
26/09/24 10:45	0	1	2	2	13.2	62	5.3	179	12
26/09/24 10:50	1	1	2	2	13.3	62	4.9	181	14
26/09/24 10:55	1	1	2	2	13.4	63	4.1	175	18
26/09/24 11:00	1	1	2	2	13.2	60	6.3	181	9
26/09/24 11:05	1	1	2	2	13.3	60	4.8	179	13
26/09/24 11:10	1	1	2	2	13.5	60	4.4	178	14
26/09/24 11:15	1	1	2	2	13.5	59	5.3	182	10
26/09/24 11:20	1	1	2	2	13.4	58	4.0	182	12
26/09/24 11:25	0	1	2	2	13.4	59	3.8	172	14
26/09/24 11:30	0	1	1	2	13.5	59	4.4	182	14
26/09/24 11:35	0	1	1	2	13.6	54	5.4	185	8
26/09/24 11:40	0	1	1	2	13.5	56	5.8	183	10
26/09/24 11:45	0	1	2	2	13.4	60	5.8	188	8
26/09/24 11:50	1	1	2	2	13.3	60	5.8	189	10
26/09/24 11:55	1	1	2	2	13.2	59	7.1	193	4
26/09/24 12:00	1	1	2	2	13.2	58	5.8	187	9
26/09/24 12:05	1	1	2	2	13.5	57	5.5	188	8
26/09/24 12:10	1	1	2	2	13.5	60	6.6	195	5
26/09/24 12:15	1	1	2	2	13.1	61	7.0	194	6
26/09/24 12:20	1	1	2	2	13.2	60	5.3	191	7
26/09/24 12:25	1	2	3	2	13.5	56	5.2	185	10
26/09/24 12:30	1	2	3	2	13.5	57	6.2	191	6
26/09/24 12:35	2	3	4	2	13.3	59	6.0	189	10
26/09/24 12:40	2	2	3	2	12.9	64	7.4	197	5
26/09/24 12:45	1	1	2	2	12.7	66	7.5	197	6
26/09/24 12:50	1	1	2	2	12.8	64	6.6	194	5
26/09/24 12:55	1	2	3	2	12.9	64	6.4	195	7
26/09/24 13:00	1	2	3	2	12.9	62	6.6	194	6
26/09/24 13:05	1	2	3	2	13.1	59	5.6	190	8
26/09/24 13:10	1	2	3	2	12.9	64	7.5	197	3
26/09/24 13:15	2	3	5	2	12.7	65	6.3	196	6
26/09/24 13:20	2	3	5	2	13.0	62	2.9	175	20
26/09/24 13:25	1	2	4	2	13.3	61	3.4	181	12
26/09/24 13:30	1	4	5	2	13.4	60	5.8	191	7
26/09/24 13:35	1	0	1	2	13.0	65	7.7	194	5
26/09/24 13:40	1	1	2	2	12.9	66	7.6	198	6
26/09/24 13:45	1	1	2	2	12.8	65	6.7	193	6
26/09/24 13:50	1	1	2	2	13.1	59	5.2	189	9
26/09/24 13:55	1	1	2	2	13.2	59	5.6	193	7
26/09/24 14:00	0	1	2	2	13.2	57	5.0	189	7
26/09/24 14:05	1	2	3	2	13.4	56	4.4	183	13
26/09/24 14:10	1	3	4	2	13.6	56	4.1	183	14
26/09/24 14:15	1	3	5	2	13.7	58	4.4	190	9
26/09/24 14:20	1	2	3	2	13.6	59	5.3	190	8
26/09/24 14:25	1	2	3	2	13.3	58	5.4	189	8
26/09/24 14:30	1	2	3	2	13.2	60	4.5	183	18
26/09/24 14:35	1	2	3	2	13.4	60	4.1	182	12
26/09/24 14:40	1	2	3	2	13.4	58	3.9	178	14
26/09/24 14:45	1	4	5	2	13.4	61	5.3	191	7
26/09/24 14:50	1	0	1	2	13.0	66	6.3	193	9
26/09/24 14:55	1	0	1	2	12.9	64	6.7	193	7
26/09/24 15:00	1	1	2	2	12.9	63	6.2	191	6
26/09/24 15:05	1	1	2	2	12.9	62	5.9	190	7
26/09/24 15:10	1	2	3	2	12.9	60	5.3	186	8
26/09/24 15:15	1	2	3	2	12.9	60	6.4	190	5
26/09/24 15:20	1	2	3	2	12.8	64	7.2	195	4
26/09/24 15:25	1	1	2	2	12.7	65	6.5	193	7
26/09/24 15:30	1	2	2	2	12.9	61	5.5	191	8
26/09/24 15:35	1	2	2	2	12.9	60	5.0	186	9
26/09/24 15:40	1	2	3	2	13.1	57	5.3	189	8
26/09/24 15:45	1	2	3	2	13.0	57	5.3	189	8
26/09/24 15:50	1	2	2	2	13.0	59	5.6	192	5
26/09/24 15:55	1	1	2	2	12.9	58	5.5	192	6
26/09/24 16:00	1	1	2	2	13.0	57	5.0	189	7
26/09/24 16:05	0	1	2	2	13.1	58	5.1	188	10
26/09/24 16:10	0	2	2	2	13.2	57	5.0	189	6
26/09/24 16:15	0	2	2	2	13.1	56	4.1	184	10
26/09/24 16:20	1	2	3	2	13.0	57	5.3	191	6

Station Pier Ambient Air Quality Monitoring
September 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 (°)
26/09/24 16:25	1	2	3	2	13.0	59	4.1	188	9
26/09/24 16:30	1	3	4	2	13.1	57	3.8	190	10
26/09/24 16:35	6	14	20	2	13.2	57	4.1	187	11
26/09/24 16:40	5	4	9	2	13.0	55	4.9	189	9
26/09/24 16:45	2	2	4	2	13.0	56	4.2	184	10
26/09/24 16:50	1	3	4	2	13.0	56	4.2	188	8
26/09/24 16:55	1	3	4	2	13.1	54	4.4	187	9
26/09/24 17:00	1	3	4	2	13.1	55	4.4	189	9
26/09/24 17:05	1	4	5	2	13.0	53	4.4	185	10
26/09/24 17:10	1	4	6	2	13.1	53	4.3	187	8
26/09/24 17:15	1	4	6	2	13.2	53	4.0	186	10
26/09/24 17:20	1	4	5	2	13.6	52	4.3	186	10
26/09/24 17:25	1	3	4	2	13.6	55	4.8	192	7
26/09/24 17:30	1	3	4	2	13.4	59	4.4	186	15
26/09/24 17:35	1	3	4	2	13.5	61	2.9	176	15
26/09/24 17:40	2	3	5	2	13.6	61	2.7	174	21
26/09/24 17:45	2	3	5	2	13.4	61	3.1	172	17
26/09/24 17:50	2	3	5	2	13.3	61	3.9	184	11
26/09/24 17:55	2	6	8	2	13.2	62	2.5	179	14
26/09/24 18:00	3	9	11	2	13.1	60	4.2	188	8
26/09/24 18:05	4	13	16	2	13.0	61	5.0	192	7
26/09/24 18:10	4	5	9	2	12.8	64	5.9	190	6
26/09/24 18:15	4	2	6	2	12.6	67	6.3	195	5
26/09/24 18:20	3	5	8	2	12.5	65	4.9	190	7
26/09/24 18:25	4	8	12	2	12.5	65	5.4	191	7
26/09/24 18:30	3	1	4	2	12.4	65	5.0	189	8
26/09/24 18:35	2	5	7	2	12.4	65	5.0	192	8
26/09/24 18:40	1	2	3	2	12.3	65	5.2	190	7
26/09/24 18:45	1	2	3	2	12.3	64	4.8	187	10
26/09/24 18:50	1	2	3	2	12.3	64	4.2	185	9
26/09/24 18:55	1	2	3	2	12.2	64	4.0	188	10
26/09/24 19:00	1	2	3	2	12.2	63	4.1	183	11
26/09/24 19:05	1	2	3	2	12.2	66	4.3	180	10
26/09/24 19:10	1	3	3	2	12.2	68	3.5	181	13
26/09/24 19:15	1	3	4	2	12.2	67	3.1	177	17
26/09/24 19:20	1	4	5	2	12.2	69	3.2	176	19
26/09/24 19:25	1	4	5	2	12.2	69	3.2	180	14
26/09/24 19:30	1	3	4	2	12.3	70	2.9	167	23
26/09/24 19:35	1	3	3	2	12.1	67	3.9	139	18
26/09/24 19:40	1	2	3	2	12.1	66	4.2	135	14
26/09/24 19:45	0	2	2	2	12.1	66	3.7	143	17
26/09/24 19:50	0	2	2	2	12.1	66	2.6	145	24
26/09/24 19:55	0	1	1	2	12.1	67	2.9	145	22
26/09/24 20:00	0	1	1	2	12.1	67	2.5	146	27
26/09/24 20:05	0	1	1	2	12.0	65	3.0	143	19
26/09/24 20:10	0	1	1	2	11.9	68	3.1	146	22
26/09/24 20:15	0	1	1	2	12.1	67	3.0	145	23
26/09/24 20:20	0	1	1	2	12.0	68	3.1	143	17
26/09/24 20:25	0	1	1	2	12.0	68	3.0	134	17
26/09/24 20:30	0	1	1	2	12.0	67	2.8	124	17
26/09/24 20:35	0	2	2	2	11.9	68	2.6	117	17
26/09/24 20:40	0	2	2	2	11.8	67	3.2	113	10
26/09/24 20:45	0	2	2	2	11.8	68	3.3	109	8
26/09/24 20:50	0	2	2	2	11.8	67	2.8	112	14
26/09/24 20:55	0	2	2	2	11.7	68	3.9	107	6
26/09/24 21:00	0	3	3	2	11.8	68	3.9	103	6
26/09/24 21:05	0	4	4	2	11.6	67	3.1	99	8
26/09/24 21:10	0	7	7	2	11.4	65	2.7	97	7
26/09/24 21:15	0	10	10	2	11.3	65	2.9	97	7
26/09/24 21:20	0	11	11	2	11.3	66	2.8	101	8
26/09/24 21:25	0	10	10	2	11.3	65	2.5	98	8
26/09/24 21:30	0	10	10	2	11.3	66	2.5	103	8
26/09/24 21:35	0	10	11	2	11.3	67	2.3	105	8
26/09/24 21:40	0	11	11	2	11.3	66	2.6	95	7
26/09/24 21:45	0	11	11	2	11.2	67	2.7	104	8
26/09/24 21:50	0	11	11	2	11.4	69	3.3	106	6
26/09/24 21:55	0	10	11	2	11.5	70	2.8	109	8
26/09/24 22:00	0	10	10	2	11.5	68	2.3	113	15
26/09/24 22:05	0	9	9	2	11.6	69	2.8	110	12
26/09/24 22:10	0	9	9	2	11.6	70	2.8	101	6
26/09/24 22:15	0	10	10	2	11.5	67	2.8	99	6
26/09/24 22:20	0	10	10	2	11.3	66	2.6	94	6
26/09/24 22:25	0	11	11	2	11.1	66	2.2	100	9
26/09/24 22:30	0	11	11	2	11.1	66	2.4	97	7
26/09/24 22:35	0	12	12	2	11.1	67	2.2	100	6
26/09/24 22:40	0	12	12	2	11.1	67	2.2	97	8
26/09/24 22:45	0	12	13	2	11.1	67	2.0	96	8
26/09/24 22:50	0	12	12	2	11.1	68	1.9	102	10
26/09/24 22:55	0	12	12	2	11.2	69	1.9	109	12
26/09/24 23:00	0	11	11	2	11.3	69	1.6	122	17
26/09/24 23:05	0	11	11	2	11.3	68	1.6	128	18
26/09/24 23:10	0	10	11	2	11.2	68	1.3	120	22
26/09/24 23:15	0	10	10	2	11.3	69	1.5	122	18
26/09/24 23:20	0	10	10	2	11.2	69	2.1	98	13
26/09/24 23:25	0	11	11	2	11.1	68	1.6	85	11
26/09/24 23:30	0	11	12	2	11.0	67	1.9	91	8

Station Pier Ambient Air Quality Monitoring

September 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 (°)
26/09/24 23:35	0	12	12	2	11.0	67	1.6	97	10
26/09/24 23:40	0	13	13	2	11.0	68	1.3	95	9
26/09/24 23:45	0	14	14	2	11.0	67	1.3	82	9
26/09/24 23:50	0	15	15		10.9	66	1.5	83	10
26/09/24 23:55	0	16	16		11.0	66	1.8	71	12
27/09/24 00:00	3	20	23	2	11.0	66	1.8	77	11
27/09/24 00:05	0	17	17	2	11.1	65	1.8	66	10
27/09/24 00:10	0	16	17	2	11.1	64	1.9	60	11
27/09/24 00:15	0	17	17	2	11.1	64	1.6	49	12
27/09/24 00:20	6	18	23	2	11.1	64	1.7	53	12
27/09/24 00:25	5	16	21	2	11.0	63	1.8	59	12
27/09/24 00:30	1	16	17	2	11.1	62	1.6	58	10
27/09/24 00:35	0	15	15	2	11.0	62	1.6	79	12
27/09/24 00:40	0	14	14	2	11.0	63	1.2	67	19
27/09/24 00:45	2	15	17	2	11.0	63	1.5	47	11
27/09/24 00:50	1	17	18	2	11.0	63	1.4	46	9
27/09/24 00:55	1	16	18	2	10.9	63	1.7	51	9
27/09/24 01:00	1	13	14	2	11.0	63	1.6	54	12
27/09/24 01:05					11.0	63	1.3	47	12
27/09/24 01:10					11.0	62	1.7	54	10
27/09/24 01:15					11.1	62	1.1	48	15
27/09/24 01:20					11.0	61	1.5	46	9
27/09/24 01:25					11.0	61	1.3	51	12
27/09/24 01:30					11.1	60	1.3	67	12
27/09/24 01:35					11.0	61	1.3	45	13
27/09/24 01:40					11.1	60	1.3	54	10
27/09/24 01:45					11.0	60	1.1	46	11
27/09/24 01:50					11.0	60	1.3	46	7
27/09/24 01:55					11.0	61	1.2	46	7
27/09/24 02:00					11.0	61	1.2	49	9
27/09/24 02:05	0	14	14	2	11.1	60	1.4	52	11
27/09/24 02:10	0	13	13	2	11.1	60	1.2	48	12
27/09/24 02:15	0	13	13	2	11.1	60	1.5	50	9
27/09/24 02:20	0	12	13	2	11.1	61	1.5	49	9
27/09/24 02:25	0	12	13	2	11.1	60	1.4	49	9
27/09/24 02:30	0	12	13	2	11.1	60	1.1	57	13
27/09/24 02:35	0	12	12	2	11.2	60	1.3	63	12
27/09/24 02:40	0	12	12	2	11.2	60	1.1	50	10
27/09/24 02:45	0	11	11	2	11.2	60	1.2	58	12
27/09/24 02:50	0	11	11	2	11.3	60	1.2	44	10
27/09/24 02:55	0	10	11	2	11.2	60	1.5	45	7
27/09/24 03:00	0	10	10	2	11.2	60	1.5	47	11
27/09/24 03:05	0	9	10	2	11.2	60	1.3	52	11
27/09/24 03:10	0	9	9	2	11.2	60	1.1	42	11
27/09/24 03:15	0	9	9	2	11.2	60	1.3	42	8
27/09/24 03:20	0	9	9	2	11.2	60	1.3	44	9
27/09/24 03:25	0	9	9	2	11.1	60	1.3	47	11
27/09/24 03:30	0	8	9	1	11.1	61	0.8	53	13
27/09/24 03:35	0	9	9	1	11.1	61	0.9	55	17
27/09/24 03:40	0	8	8	2	11.2	61	0.9	58	17
27/09/24 03:45	0	8	8	2	11.2	61	0.8	28	12
27/09/24 03:50	0	8	8	2	11.2	61	1.0	37	12
27/09/24 03:55	0	8	8	2	11.2	61	0.6	22	16
27/09/24 04:00	0	8	8	2	11.2	62	0.5	334	22
27/09/24 04:05	0	8	8	2	11.1	63	0.5	301	15
27/09/24 04:10	0	10	10	2	11.1	67	1.1	301	8
27/09/24 04:15	1	23	24	2	11.0	69	0.9	301	15
27/09/24 04:20	2	28	30	2	11.0	71	0.8	279	19
27/09/24 04:25	5	29	33	2	11.0	72	1.0	283	16
27/09/24 04:30	9	27	35	2	10.9	73	0.8	282	25
27/09/24 04:35	11	26	37	2	10.9	73	1.0	266	17
27/09/24 04:40	13	26	38	2	10.8	73	1.7	267	7
27/09/24 04:45	14	26	39	2	10.9	74	0.8	282	19
27/09/24 04:50	14	26	40	2	10.8	73	0.9	285	17
27/09/24 04:55	15	26	41	2	10.8	73	1.0	278	16
27/09/24 05:00	16	26	42	2	10.8	73	1.0	295	14
27/09/24 05:05	18	26	44	2	10.6	73	1.0	307	13
27/09/24 05:10	18	26	44	2	10.4	72	1.0	308	17
27/09/24 05:15	20	26	45	2	10.4	73	1.0	287	20
27/09/24 05:20	24	25	49	2	10.4	72	0.9	307	13
27/09/24 05:25	17	28	45	2	10.4	71	1.2	337	14
27/09/24 05:30	11	24	35	2	10.4	71	1.2	346	11
27/09/24 05:35	7	24	32	2	10.4	70	1.1	304	20
27/09/24 05:40	5	25	30	2	10.5	72	0.5	273	32
27/09/24 05:45	5	25	30	2	10.5	71	0.6	302	21
27/09/24 05:50	5	25	30	2	10.5	72	0.6	286	23
27/09/24 05:55	5	25	30	2	10.5	73	0.8	297	18
27/09/24 06:00	6	24	30	2	10.5	73	1.0	285	17
27/09/24 06:05	5	24	29	2	10.5	73	1.0	312	18
27/09/24 06:10	5	24	29	2	10.4	72	1.0	311	14
27/09/24 06:15	5	24	28	2	10.4	72	0.9	273	23
27/09/24 06:20	4	23	27	2	10.4	73	1.2	252	8
27/09/24 06:25	3	23	25	2	10.4	74	0.5	267	22
27/09/24 06:30	3	21	24	2	10.4	73	0.7	346	21
27/09/24 06:35	15	14	29	2	10.4	72	0.9	358	13
27/09/24 06:40	28	25	53	2	10.4	72	0.6	286	31

Station Pier Ambient Air Quality Monitoring

September 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 (°)
27/09/24 06:45	34	28	62	2	10.4	71	0.8	295	15
27/09/24 06:50	35	27	62	2	10.5	71	0.8	307	13
27/09/24 06:55	34	25	59	2	10.5	71	0.8	252	19
27/09/24 07:00	19	25	44	2	10.6	72	0.8	238	6
27/09/24 07:05	15	21	36	2	10.7	70	0.5	230	10
27/09/24 07:10	17	21	38	2	10.8	69	0.9	246	9
27/09/24 07:15	17	21	38	2	10.9	69	0.5	252	8
27/09/24 07:20	18	21	39	2	11.0	68	0.4	289	17
27/09/24 07:25	20	21	40	2	11.3	68	0.5	237	19
27/09/24 07:30	21	21	41	2	11.3	68	0.8	228	4
27/09/24 07:35	22	21	43	2	11.3	67	0.7	214	11
27/09/24 07:40	23	21	44	2	11.5	65	0.5	221	8
27/09/24 07:45	23	21	44	3	11.8	64	0.4	213	16
27/09/24 07:50	23	21	44	3	12.1	63	0.5	221	10
27/09/24 07:55	24	21	45	3	12.2	63	0.5	183	23
27/09/24 08:00	23	21	44	3	12.4	62	0.4	166	26
27/09/24 08:05	21	21	42	3	12.7	61	0.4	175	35
27/09/24 08:10	16	18	35	3	12.9	58	0.4	153	29
27/09/24 08:15	11	16	27	3	13.3	56	0.4	138	28
27/09/24 08:20	9	13	22	3	13.7	53	0.3	135	28
27/09/24 08:25	11	21	32	3	13.9	51	0.8	145	15
27/09/24 08:30	6	10	16	3	13.8	54	0.8	180	20
27/09/24 08:35	6	11	17	2	13.4	57	1.1	205	10
27/09/24 08:40	6	11	17	2	12.7	59	1.1	215	4
27/09/24 08:45	6	11	17	2	12.5	59	0.9	225	9
27/09/24 08:50	6	11	17	2	12.4	60	0.8	235	6
27/09/24 08:55	6	11	17	2	12.5	60	0.8	234	8
27/09/24 09:00	6	11	18	2	12.5	60	1.0	229	7
27/09/24 09:05	7	12	18	2	12.4	60	1.1	217	5
27/09/24 09:10	7	12	19	2	12.4	61	1.4	214	8
27/09/24 09:15	8	14	22	2	12.4	62	1.7	196	8
27/09/24 09:20	9	17	26	2	12.6	62	1.3	208	12
27/09/24 09:25	8	8	17	3	12.9	62	1.5	194	12
27/09/24 09:30	6	7	13	3	12.8	62	1.6	200	10
27/09/24 09:35	4	6	11	2	13.0	62	2.3	196	4
27/09/24 09:40	3	5	9	2	12.9	62	2.7	195	4
27/09/24 09:45	3	4	7	2	12.8	63	2.6	198	6
27/09/24 09:50	2	4	6	2	12.8	63	2.8	197	4
27/09/24 09:55	2	4	7	2	12.6	64	2.7	200	4
27/09/24 10:00	3	5	7	2	12.6	64	2.8	198	6
27/09/24 10:05	3	5	7	2	12.6	63	2.7	201	7
27/09/24 10:10	3	4	7	2	12.6	64	2.5	206	6
27/09/24 10:15	3	5	8	2	12.5	63	2.8	200	5
27/09/24 10:20	3	2	4	2	12.6	63	3.0	206	6
27/09/24 10:25	2	2	4	2	12.7	62	3.1	201	5
27/09/24 10:30	2	2	3	2	12.8	62	3.4	198	4
27/09/24 10:35	1	2	3	2	12.7	62	3.4	196	5
27/09/24 10:40	1	2	4	2	12.8	63	3.6	196	5
27/09/24 10:45	1	3	4	2	12.8	61	3.4	197	5
27/09/24 10:50	1	2	3	2	12.9	61	3.2	202	5
27/09/24 10:55	1	2	3	2	12.9	61	3.3	200	6
27/09/24 11:00	1	2	3	2	12.9	60	3.4	201	7
27/09/24 11:05	1	2	2	2	12.9	60	3.3	197	5
27/09/24 11:10	0	2	2	2	12.9	60	3.4	195	4
27/09/24 11:15	0	2	2	2	12.9	61	3.3	208	5
27/09/24 11:20	0	2	2	2	12.8	62	3.2	213	3
27/09/24 11:25	1	2	3	2	12.9	62	3.1	206	10
27/09/24 11:30	1	2	3	2	13.0	62	3.5	200	7
27/09/24 11:35	1	2	3	2	12.9	61	3.5	198	5
27/09/24 11:40	1	2	3	2	13.0	62	3.5	200	8
27/09/24 11:45	1	3	3	2	13.0	62	3.5	204	6
27/09/24 11:50	1	3	4	2	13.0	63	3.7	204	7
27/09/24 11:55	1	3	3	2	13.1	61	3.8	194	5
27/09/24 12:00	1	2	3	2	13.3	60	3.9	195	4
27/09/24 12:05	1	2	2	2	13.2	63	4.0	197	5
27/09/24 12:10	1	2	2	2	13.2	64	3.7	197	6
27/09/24 12:15	1	1	2	2	13.2	62	4.1	193	4
27/09/24 12:20	1	1	2	2	13.3	62	4.2	196	3
27/09/24 12:25	1	1	2	2	13.4	64	4.2	199	5
27/09/24 12:30	1	1	2	2	13.3	63	4.5	198	4
27/09/24 12:35	1	1	2	2	13.3	64	4.4	197	4
27/09/24 12:40	1	1	2	2	13.4	65	4.7	202	5
27/09/24 12:45	1	1	2	1	13.3	65	4.9	203	3
27/09/24 12:50	1	1	2	1	13.4	64	4.9	204	3
27/09/24 12:55	1	2	2	2	13.4	65	4.6	202	6
27/09/24 13:00	1	2	2	2	13.5	64	5.0	202	4
27/09/24 13:05	1	2	2	2	13.4	64	4.7	204	4
27/09/24 13:10	1	3	3	2	13.6	64	4.5	203	6
27/09/24 13:15	1	3	4	2	13.6	64	4.6	204	5
27/09/24 13:20	1	3	5	2	13.7	65	4.6	202	5
27/09/24 13:25	1	4	5	2	13.7	64	4.8	202	4
27/09/24 13:30	1	4	5	2	13.8	63	4.7	201	4
27/09/24 13:35	1	4	5	2	13.8	63	4.8	199	4
27/09/24 13:40	1	4	5	2	13.9	65	4.8	200	4
27/09/24 13:45	2	4	6	2	13.8	65	5.2	201	4
27/09/24 13:50	2	4	5	2	13.7	65	5.1	203	4

Station Pier Ambient Air Quality Monitoring

September 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 (°)
27/09/24 13:55	1	3	4	2	13.8	66	5.2	201	4
27/09/24 14:00	1	2	3	2	13.8	65	5.0	199	3
27/09/24 14:05	1	2	3	2	13.9	65	4.9	202	4
27/09/24 14:10	1	1	2	2	14.0	66	5.1	200	4
27/09/24 14:15	1	1	2	2	13.9	67	5.2	202	3
27/09/24 14:20	1	2	2	2	14.0	67	5.0	198	4
27/09/24 14:25	1	1	2	2	14.0	65	5.1	196	2
27/09/24 14:30	1	1	1	2	14.0	66	5.1	195	3
27/09/24 14:35	0	1	1	2	14.1	67	5.2	196	3
27/09/24 14:40	0	1	1	2	14.0	68	5.1	197	3
27/09/24 14:45	0	1	1	2	14.1	66	5.2	195	3
27/09/24 14:50	0	1	1	2	14.2	67	4.7	196	3
27/09/24 14:55	0	1	1	2	14.2	65	5.1	194	2
27/09/24 15:00	0	1	1	2	14.3	67	5.0	195	3
27/09/24 15:05	0	1	1	2	14.5	66	4.5	195	4
27/09/24 15:10	0	1	1	2	14.6	66	4.1	193	7
27/09/24 15:15	0	1	1	2	14.9	65	4.1	193	7
27/09/24 15:20	0	1	1	2	14.7	66	4.1	193	8
27/09/24 15:25	0	1	1	2	15.0	65	4.0	194	6
27/09/24 15:30	0	1	1	2	14.7	65	4.6	193	6
27/09/24 15:35	0	1	1	2	14.8	65	4.1	192	9
27/09/24 15:40	0	1	1	2	15.2	64	3.0	188	10
27/09/24 15:45	4	11	15	2	15.4	63	3.2	189	10
27/09/24 15:50	1	4	6	2	15.6	63	2.8	186	12
27/09/24 15:55	0	2	3	2	15.7	62	3.0	185	15
27/09/24 16:00	0	2	2	2	15.7	63	3.0	185	12
27/09/24 16:05	0	2	2	2	15.7	62	3.0	185	14
27/09/24 16:10	0	1	2	2	15.7	63	3.5	181	12
27/09/24 16:15	0	2	2	2	15.5	64	3.1	183	14
27/09/24 16:20	1	2	3	2	15.6	64	3.4	183	14
27/09/24 16:25	1	3	3	2	15.5	64	3.2	182	14
27/09/24 16:30	1	3	4	2	15.3	65	3.0	179	14
27/09/24 16:35	1	6	7	2	15.4	66	2.4	181	18
27/09/24 16:40	1	11	13	2	15.5	65	2.8	181	13
27/09/24 16:45	3	22	24	2	15.6	64	3.1	187	13
27/09/24 16:50	3	15	18	2	15.7	64	2.2	182	16
27/09/24 16:55	3	13	16	2	15.7	64	2.6	180	14
27/09/24 17:00	4	18	22	2	15.7	64	2.6	180	14
27/09/24 17:05	4	14	18	2	15.7	65	2.8	183	12
27/09/24 17:10	4	15	19	2	15.6	67	2.5	178	15
27/09/24 17:15	4	17	21	1	15.4	67	2.7	179	13
27/09/24 17:20	4	16	20	2	15.4	68	2.6	182	13
27/09/24 17:25	3	10	13	2	15.3	68	2.8	182	12
27/09/24 17:30	2	5	8	2	15.2	68	2.6	183	14
27/09/24 17:35	2	5	7	2	15.4	69	2.2	188	12
27/09/24 17:40	1	4	5	2	15.2	70	2.4	186	12
27/09/24 17:45	1	4	6	1	15.1	71	2.7	189	14
27/09/24 17:50	1	2	3	1	15.0	71	2.6	186	12
27/09/24 17:55	1	2	3	1	14.8	72	2.4	186	12
27/09/24 18:00	1	4	4	2	14.9	72	2.3	188	11
27/09/24 18:05	1	6	7	2	14.7	72	2.1	187	11
27/09/24 18:10	1	28	30	2	14.7	73	2.0	186	12
27/09/24 18:15	4	36	40	2	14.7	73	2.1	186	10
27/09/24 18:20	5	32	36	2	14.5	74	2.3	186	9
27/09/24 18:25	5	28	33	2	14.4	75	2.1	189	9
27/09/24 18:30	3	11	14	2	14.4	76	2.1	182	12
27/09/24 18:35	1	5	6	2	14.4	77	2.1	182	11
27/09/24 18:40	0	4	4	2	14.4	78	1.9	176	14
27/09/24 18:45	0	3	3	2	14.3	79	1.9	170	18
27/09/24 18:50	0	2	2	2	14.4	79	1.8	163	24
27/09/24 18:55	0	2	2	2	14.4	80	1.2	159	23
27/09/24 19:00	0	2	2	2	14.4	78	2.3	140	21
27/09/24 19:05	0	3	3	2	14.4	72	2.7	115	12
27/09/24 19:10	0	3	3	2	14.5	70	3.6	113	10
27/09/24 19:15	0	3	3	2	14.5	69	4.1	109	6
27/09/24 19:20	0	4	4	2	14.5	69	3.3	113	10
27/09/24 19:25	0	4	4	2	14.4	70	3.4	110	10
27/09/24 19:30	0	4	4	2	14.3	71	2.4	110	17
27/09/24 19:35	0	4	4	2	14.1	71	4.2	112	9
27/09/24 19:40	0	4	4	2	14.0	71	3.8	111	10
27/09/24 19:45	0	4	4	2	14.0	71	4.2	106	6
27/09/24 19:50	0	4	4	2	13.8	71	4.6	107	5
27/09/24 19:55	0	4	4	2	13.8	71	3.8	110	9
27/09/24 20:00	0	4	4	2	13.6	71	3.9	107	7
27/09/24 20:05	0	5	5	2	13.6	72	3.9	107	5
27/09/24 20:10	0	5	5	2	13.5	72	3.2	101	5
27/09/24 20:15	0	5	5	2	13.4	73	2.4	99	7
27/09/24 20:20	0	5	6	2	13.4	72	2.1	96	6
27/09/24 20:25	0	6	7	2	13.3	71	2.0	97	7
27/09/24 20:30	0	7	7	2	13.3	71	1.9	100	5
27/09/24 20:35	0	8	8	2	13.2	72	1.4	110	11
27/09/24 20:40	0	8	8	2	13.1	72	1.1	103	10
27/09/24 20:45	0	8	9	2	13.1	73	0.8	105	13
27/09/24 20:50	0	9	9	2	13.0	73	0.9	103	13
27/09/24 20:55	0	9	9	2	13.0	73	0.9	85	13
27/09/24 21:00	0	9	10	2	12.9	73	1.2	91	9

Station Pier Ambient Air Quality Monitoring

September 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 (°)
27/09/24 21:05	0	10	10	2	12.8	72	0.8	45	15
27/09/24 21:10	0	13	13	2	12.7	73	1.1	47	14
27/09/24 21:15	1	14	15	2	12.7	73	1.0	79	13
27/09/24 21:20	0	12	13	2	12.8	73	1.3	91	8
27/09/24 21:25	0	12	13	2	12.8	73	0.8	72	11
27/09/24 21:30	1	14	15	2	12.7	74	0.9	69	14
27/09/24 21:35	1	14	15	2	12.7	74	1.1	79	11
27/09/24 21:40	1	13	14	2	12.8	73	1.0	74	11
27/09/24 21:45	1	17	18	1	12.8	74	0.9	73	10
27/09/24 21:50	1	15	16	2	12.7	74	1.2	76	12
27/09/24 21:55	1	14	15	2	12.7	74	1.1	85	9
27/09/24 22:00	1	14	15	2	12.8	74	1.2	87	7
27/09/24 22:05	1	12	13	2	12.7	74	1.2	81	8
27/09/24 22:10	1	11	12	2	12.6	75	1.0	82	9
27/09/24 22:15	0	12	12	2	12.6	75	0.7	72	9
27/09/24 22:20	2	14	16	2	12.4	75	0.7	59	8
27/09/24 22:25	17	31	48	2	12.3	76	0.7	46	12
27/09/24 22:30	9	21	30	2	12.2	76	0.9	17	17
27/09/24 22:35	1	20	21	2	12.1	77	0.8	340	11
27/09/24 22:40	2	23	25	2	12.1	78	0.5	304	13
27/09/24 22:45	3	28	31	2	12.1	77	0.8	297	11
27/09/24 22:50	9	29	37	2	12.1	77	1.0	299	7
27/09/24 22:55	26	33	59	2	12.2	78	0.7	309	15
27/09/24 23:00	26	32	58	2	12.1	78	0.6	350	19
27/09/24 23:05	27	31	58	2	12.0	79	0.7	343	23
27/09/24 23:10	37	29	65	2	11.9	79	1.5	360	17
27/09/24 23:15	40	32	72	2	11.7	80	1.4	334	11
27/09/24 23:20	41	32	73	2	11.6	80	1.1	332	13
27/09/24 23:25	41	33	74	2	11.6	80	1.0	342	27
27/09/24 23:30	41	31	72	2	11.5	80	1.2	337	20
27/09/24 23:35	41	30	71	2	11.4	81	1.1	352	19
27/09/24 23:40	42	31	73	2	11.3	81	1.1	352	25
27/09/24 23:45	43	31	74	2	11.2	81	1.3	3	17
27/09/24 23:50	43	31	74		11.0	81	1.3	4	17
27/09/24 23:55	43	31	74		10.8	82	1.3	335	24
28/09/24 00:00	41	31	72	2	10.8	81	1.4	335	22
28/09/24 00:05	37	31	69	2	10.8	80	1.7	337	23
28/09/24 00:10	33	31	64	2	10.8	80	1.3	336	23
28/09/24 00:15	27	30	57	1	10.7	80	1.4	337	22
28/09/24 00:20	19	28	47	1	10.6	80	1.7	342	19
28/09/24 00:25	14	26	40	1	10.6	80	1.5	330	21
28/09/24 00:30	12	27	39	2	10.6	80	1.6	325	15
28/09/24 00:35	11	28	38	1	10.6	79	1.5	331	18
28/09/24 00:40	10	28	38	1	10.6	80	1.1	329	22
28/09/24 00:45	21	20	41	2	10.6	80	1.3	322	16
28/09/24 00:50	37	32	69	2	10.5	80	1.3	350	20
28/09/24 00:55	39	32	71	2	10.6	80	1.3	349	19
28/09/24 01:00	40	32	72	2	10.6	81	0.7	343	28
28/09/24 01:05					10.6	81	0.8	335	30
28/09/24 01:10					10.5	82	1.1	319	13
28/09/24 01:15					10.6	81	0.9	340	28
28/09/24 01:20					10.5	80	1.2	357	15
28/09/24 01:25					10.3	81	1.1	349	18
28/09/24 01:30					10.3	82	1.2	322	16
28/09/24 01:35					10.3	82	0.8	6	28
28/09/24 01:40					10.0	82	0.7	28	12
28/09/24 01:45					9.9	83	0.8	8	15
28/09/24 01:50					9.9	84	0.7	6	18
28/09/24 01:55					9.8	84	0.8	12	16
28/09/24 02:00					9.8	84	0.7	17	15
28/09/24 02:05	43	30	74	1	9.7	84	0.9	12	13
28/09/24 02:10	42	30	72	1	9.5	84	1.0	355	10
28/09/24 02:15	34	33	67	2	9.7	85	0.5	323	19
28/09/24 02:20	27	28	55	1	9.7	84	0.6	317	21
28/09/24 02:25	22	27	49	1	9.8	84	0.8	305	19
28/09/24 02:30	21	27	48	1	9.8	83	1.1	322	21
28/09/24 02:35	20	27	47	2	9.9	82	1.3	321	19
28/09/24 02:40	20	27	46	1	10.0	82	0.7	332	26
28/09/24 02:45	19	26	45	1	10.0	81	1.0	340	24
28/09/24 02:50	18	26	45	1	9.9	81	0.6	0	15
28/09/24 02:55	19	26	45	1	9.6	82	0.6	342	26
28/09/24 03:00	18	26	44	1	9.5	82	0.7	360	24
28/09/24 03:05	17	25	43	1	9.4	83	0.6	333	34
28/09/24 03:10	16	25	41	1	9.4	83	0.6	360	28
28/09/24 03:15	16	25	40	1	9.3	84	0.5	328	43
28/09/24 03:20	15	25	40	1	9.4	84	0.4	313	51
28/09/24 03:25	14	24	38	1	9.5	84	0.6	357	37
28/09/24 03:30	14	25	38	1	9.3	83	0.7	18	20
28/09/24 03:35	14	25	38	1	9.1	83	0.7	38	16
28/09/24 03:40	14	24	39	1	9.1	84	0.8	34	20
28/09/24 03:45	14	24	39	1	8.9	85	0.7	37	12
28/09/24 03:50	14	24	38	1	8.9	85	1.0	32	14
28/09/24 03:55	13	23	36	2	9.0	85	0.8	30	15
28/09/24 04:00	11	23	34	2	9.1	84	0.8	17	23
28/09/24 04:05	7	19	27	2	9.3	81	0.8	18	32
28/09/24 04:10	2	18	19	1	9.4	79	0.5	32	43

Station Pier Ambient Air Quality Monitoring

September 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 (°)
28/09/24 04:15	1	16	18	1	9.6	78	1.0	2	30
28/09/24 04:20	1	15	16	1	9.9	76	0.9	19	38
28/09/24 04:25	1	14	15	1	10.2	74	0.9	13	37
28/09/24 04:30	1	14	15	1	10.3	73	0.9	28	31
28/09/24 04:35	1	14	15	1	10.3	73	0.5	21	48
28/09/24 04:40	1	15	15	1	10.3	73	0.9	9	37
28/09/24 04:45	1	15	16	1	10.5	72	1.2	24	22
28/09/24 04:50	1	16	16	1	10.6	71	1.6	22	19
28/09/24 04:55	2	15	17	1	10.8	69	1.7	22	19
28/09/24 05:00	1	15	16	1	11.0	68	1.8	5	18
28/09/24 05:05	1	15	16	1	11.1	67	2.1	7	17
28/09/24 05:10	1	14	15	1	11.2	66	1.8	17	21
28/09/24 05:15	1	13	14	1	11.5	65	2.6	16	20
28/09/24 05:20	0	12	12	1	12.0	62	2.7	15	20
28/09/24 05:25	0	10	11	1	12.3	60	2.8	20	20
28/09/24 05:30	1	9	10	2	12.3	60	3.0	15	21
28/09/24 05:35	0	8	9	2	12.3	60	2.8	21	20
28/09/24 05:40	0	8	8	2	12.2	61	2.1	26	23
28/09/24 05:45	0	8	8	2	12.0	62	1.9	20	24
28/09/24 05:50	0	8	8	1	11.9	62	1.9	8	27
28/09/24 05:55	0	8	8	1	11.6	64	2.5	9	20
28/09/24 06:00	0	8	9	1	11.3	64	2.9	20	20
28/09/24 06:05	0	9	9	1	11.5	64	3.0	22	16
28/09/24 06:10	0	9	9	1	11.5	63	2.1	28	17
28/09/24 06:15	1	9	10	1	11.6	63	1.7	36	15
28/09/24 06:20	1	10	10	1	11.4	65	1.3	33	34
28/09/24 06:25	1	10	11	1	11.5	64	1.6	24	34
28/09/24 06:30	2	9	11	1	11.6	63	2.8	1	21
28/09/24 06:35	1	8	9	2	11.8	62	2.6	359	21
28/09/24 06:40	1	8	9	2	11.8	63	1.4	354	40
28/09/24 06:45	1	8	9	2	11.6	63	1.2	333	44
28/09/24 06:50	2	9	10	2	11.5	65	1.8	321	27
28/09/24 06:55	2	9	10	2	11.3	66	1.9	317	26
28/09/24 07:00	2	9	11	2	11.3	66	1.6	319	31
28/09/24 07:05	2	10	12	1	11.2	66	2.5	315	22
28/09/24 07:10	3	11	14	2	11.1	67	2.1	317	25
28/09/24 07:15	4	19	24	2	11.3	66	1.4	342	37
28/09/24 07:20	6	21	27	1	11.6	65	1.2	342	38
28/09/24 07:25	6	16	22	1	12.2	63	2.6	1	24
28/09/24 07:30	5	5	10	2	12.8	60	3.3	3	26
28/09/24 07:35	3	5	8	1	13.0	59	2.2	4	27
28/09/24 07:40	2	6	8	1	13.2	58	2.7	359	21
28/09/24 07:45	2	6	8	1	13.5	58	2.2	1	25
28/09/24 07:50	2	6	9	1	13.8	57	1.3	350	35
28/09/24 07:55	2	7	9	1	14.1	57	1.0	339	45
28/09/24 08:00	2	7	9	1	14.4	56	2.1	348	34
28/09/24 08:05	3	8	10	1	14.6	55	2.0	347	37
28/09/24 08:10	3	8	11	1	14.8	55	1.8	346	35
28/09/24 08:15	3	8	11	1	14.9	54	1.8	349	31
28/09/24 08:20	4	8	12	1	15.3	53	1.2	349	45
28/09/24 08:25	8	9	17	1	15.7	52	2.6	10	18
28/09/24 08:30	4	6	10	1	15.8	52	2.7	9	26
28/09/24 08:35	3	6	9	1	15.9	51	2.6	2	24
28/09/24 08:40	8	4	13	1	16.1	51	3.4	347	34
28/09/24 08:45	6	3	9	1	16.0	51	3.9	350	27
28/09/24 08:50	5	4	9	1	16.1	50	4.1	353	29
28/09/24 08:55	2	4	6	1	16.2	50	4.2	1	23
28/09/24 09:00	2	4	6	1	16.3	49	3.9	355	32
28/09/24 09:05	2	4	6	1	16.5	48	4.4	358	23
28/09/24 09:10	3	3	6	1	16.6	48	5.4	2	20
28/09/24 09:15	2	4	6	1	16.6	47	5.6	2	22
28/09/24 09:20	2	4	6	1	16.7	48	4.7	1	21
28/09/24 09:25	2	4	5	1	16.8	47	4.5	11	22
28/09/24 09:30	2	3	6	1	17.1	47	4.8	2	20
28/09/24 09:35	2	3	6	1	17.0	47	4.0	358	20
28/09/24 09:40	2	4	6	1	17.3	46	3.9	356	27
28/09/24 09:45	2	4	6	1	17.3	46	4.4	358	30
28/09/24 09:50	2	4	6	1	17.5	45	4.4	355	24
28/09/24 09:55	2	4	5	1	17.4	45	4.7	353	27
28/09/24 10:00	2	3	5	1	17.7	45	4.7	3	24
28/09/24 10:05	2	3	5	1	17.8	45	4.4	356	26
28/09/24 10:10	2	5	7	1	17.9	45	5.2	1	24
28/09/24 10:15	2	4	6	1	17.9	44	4.1	7	27
28/09/24 10:20	2	3	5	1	18.1	44	4.6	15	20
28/09/24 10:25	2	2	4	1	18.2	45	4.9	6	21
28/09/24 10:30	2	3	5	1	18.2	44	4.4	11	25
28/09/24 10:35	2	4	6	1	18.4	44	3.4	356	32
28/09/24 10:40	2	4	6	1	18.5	44	4.0	323	26
28/09/24 10:45	2	4	6	1	18.4	44	3.8	321	25
28/09/24 10:50	2	3	5	1	18.6	44	3.8	346	30
28/09/24 10:55	1	3	5	1	19.1	43	2.9	9	33
28/09/24 11:00	2	3	5	1	19.1	42	5.3	12	18
28/09/24 11:05	1	3	4	1	19.1	42	4.9	2	21
28/09/24 11:10	2	3	5	1	19.2	42	4.4	8	20
28/09/24 11:15	2	3	5	1	19.5	42	3.1	359	35
28/09/24 11:20	2	3	5	1	19.5	42	2.8	350	38

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
28/09/24 11:25	2	4	5	1	19.6	41	2.8	319	37
28/09/24 11:30	1	4	5	1	19.4	41	3.8	311	26
28/09/24 11:35	1	4	5	1	19.3	40	4.2	316	25
28/09/24 11:40	1	3	5	1	19.4	41	4.2	310	27
28/09/24 11:45	1	3	4	1	19.3	40	3.6	331	35
28/09/24 11:50	1	3	4	1	19.5	40	4.2	346	33
28/09/24 11:55	1	3	5	1	19.9	39	3.6	357	29
28/09/24 12:00	1	3	4	1	19.9	39	4.7	353	30
28/09/24 12:05	1	3	4	1	20.0	40	4.8	12	27
28/09/24 12:10	1	3	4	1	20.2	40	5.2	21	19
28/09/24 12:15	1	3	4	1	20.2	40	5.7	23	19
28/09/24 12:20	1	3	4	1	20.3	40	4.0	22	22
28/09/24 12:25	1	3	4	1	20.5	39	4.8	21	21
28/09/24 12:30	1	3	4	1	20.4	39	4.5	8	26
28/09/24 12:35	1	3	4	1	20.5	40	3.7	355	33
28/09/24 12:40	1	3	4	1	20.5	39	5.0	1	27
28/09/24 12:45	1	3	4	1	20.6	40	4.0	13	24
28/09/24 12:50	1	3	4	1	20.8	39	4.7	20	19
28/09/24 12:55	1	3	4	1	20.8	39	4.1	14	22
28/09/24 13:00	1	3	4	1	20.9	39	5.5	16	23
28/09/24 13:05	1	3	5	1	21.0	39	3.5	12	25
28/09/24 13:10	3	3	5	1	21.3	37	4.8	23	26
28/09/24 13:15	3	3	6	1	21.3	37	4.6	17	18
28/09/24 13:20	1	3	5	1	21.2	37	3.6	8	32
28/09/24 13:25	1	3	4	1	21.3	37	3.7	3	31
28/09/24 13:30	1	3	3	1	21.5	36	4.6	26	29
28/09/24 13:35	1	3	4	1	21.7	35	5.2	15	20
28/09/24 13:40	1	3	4	1	21.7	34	5.3	4	21
28/09/24 13:45	1	3	4	1	21.5	34	3.7	330	29
28/09/24 13:50	1	3	4	1	21.5	35	3.5	355	33
28/09/24 13:55	1	3	4	1	21.6	33	4.6	353	27
28/09/24 14:00	2	3	5	1	22.0	33	3.2	12	36
28/09/24 14:05	2	3	4	1	22.1	33	3.9	348	29
28/09/24 14:10	2	3	4	1	22.2	32	4.7	12	20
28/09/24 14:15	1	3	4	1	22.3	31	5.1	11	18
28/09/24 14:20	1	2	4	1	22.0	31	4.0	346	27
28/09/24 14:25	1	3	4	1	22.0	32	4.1	356	22
28/09/24 14:30	1	3	3	1	22.2	31	4.9	14	21
28/09/24 14:35	1	2	3	1	22.2	32	4.2	7	26
28/09/24 14:40	1	2	3	1	22.3	32	4.4	3	19
28/09/24 14:45	1	2	3	1	22.5	33	4.4	1	21
28/09/24 14:50	1	3	3	1	22.4	32	3.4	337	33
28/09/24 14:55	1	3	3	1	22.3	33	4.0	359	32
28/09/24 15:00	1	3	3	1	22.4	33	4.7	7	20
28/09/24 15:05	1	3	4	1	22.5	33	2.3	360	35
28/09/24 15:10	1	3	4	1	22.6	33	3.2	358	32
28/09/24 15:15	1	3	4	1	22.7	33	3.2	1	24
28/09/24 15:20	1	3	4	1	22.6	34	3.8	357	29
28/09/24 15:25	1	3	4	1	22.5	34	4.0	1	21
28/09/24 15:30	1	3	3	1	22.5	35	3.4	356	29
28/09/24 15:35	1	3	3	1	22.5	35	3.3	14	32
28/09/24 15:40	1	3	3	1	22.5	35	3.6	356	22
28/09/24 15:45	1	2	3	1	22.5	36	3.6	10	20
28/09/24 15:50	0	3	3	1	22.3	36	2.1	341	35
28/09/24 15:55	0	3	3	1	22.4	36	1.9	13	34
28/09/24 16:00	1	3	4	1	22.7	36	1.9	358	30
28/09/24 16:05	0	3	4	1	22.8	36	2.3	354	40
28/09/24 16:10	0	3	3	1	22.6	35	3.8	5	23
28/09/24 16:15	1	3	4	1	22.7	35	3.6	10	24
28/09/24 16:20	1	3	3	1	22.7	35	2.6	11	24
28/09/24 16:25	1	3	3	1	22.8	35	3.3	1	22
28/09/24 16:30	0	3	3	1	22.6	35	2.7	10	26
28/09/24 16:35	0	3	3	1	22.6	35	3.2	11	17
28/09/24 16:40	0	3	3	1	22.6	35	2.9	360	25
28/09/24 16:45	1	3	4	1	22.5	35	3.0	17	19
28/09/24 16:50	1	3	4	1	22.5	35	2.5	11	27
28/09/24 16:55	1	3	4	1	22.5	35	3.4	16	22
28/09/24 17:00	1	3	4	1	22.3	35	3.0	5	26
28/09/24 17:05	1	3	4	1	22.2	36	2.3	26	21
28/09/24 17:10	1	4	4	1	22.1	36	3.2	9	21
28/09/24 17:15	1	4	4	1	22.0	37	3.3	28	14
28/09/24 17:20	1	4	4	1	21.9	37	4.0	29	12
28/09/24 17:25	1	4	4	1	21.9	37	3.7	24	15
28/09/24 17:30	1	4	5	1	21.8	38	2.6	15	22
28/09/24 17:35	1	4	5	1	21.8	38	3.0	7	17
28/09/24 17:40	1	4	5	1	21.7	38	2.5	23	18
28/09/24 17:45	1	5	6	1	21.7	39	2.5	25	22
28/09/24 17:50	0	5	5	1	21.6	39	3.1	30	17
28/09/24 17:55	1	5	5	1	21.5	39	2.8	11	24
28/09/24 18:00	1	5	6	1	21.4	39	2.6	13	25
28/09/24 18:05	1	5	6	1	21.4	40	2.9	18	19
28/09/24 18:10	1	5	6	1	21.3	40	1.9	23	27
28/09/24 18:15	1	5	6	1	21.2	40	2.9	19	20
28/09/24 18:20	1	5	6	1	21.2	40	2.3	27	21
28/09/24 18:25	0	5	6	1	21.1	41	2.2	16	19
28/09/24 18:30	0	6	6	1	21.0	41	2.8	28	14

Station Pier Ambient Air Quality Monitoring
September 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 (°)
28/09/24 18:35	0	6	6	1	20.9	41	3.4	13	17
28/09/24 18:40	0	6	6	1	20.8	41	1.8	24	25
28/09/24 18:45	0	6	6	1	20.8	42	3.7	27	12
28/09/24 18:50	1	6	7	1	20.8	42	3.6	25	14
28/09/24 18:55	1	7	7	0	20.6	42	2.7	34	19
28/09/24 19:00	0	7	8	1	20.6	42	3.4	40	15
28/09/24 19:05	1	8	8	1	20.5	42	4.4	44	14
28/09/24 19:10	1	8	8	1	20.6	42	4.7	46	16
28/09/24 19:15	1	7	8	1	20.6	42	3.8	40	18
28/09/24 19:20	1	6	7	1	20.5	42	3.9	31	15
28/09/24 19:25	1	6	7	1	20.5	42	3.3	35	17
28/09/24 19:30	1	6	7	1	20.4	42	3.5	28	18
28/09/24 19:35	1	6	7	1	20.3	43	3.6	26	17
28/09/24 19:40	1	6	6	1	20.2	43	3.5	28	16
28/09/24 19:45	1	6	7	1	20.2	43	4.0	19	16
28/09/24 19:50	1	6	7	1	20.1	44	3.5	21	14
28/09/24 19:55	1	6	7	1	20.1	44	2.5	22	22
28/09/24 20:00	1	6	7	1	20.0	44	3.3	27	13
28/09/24 20:05	1	6	7	1	19.9	45	2.5	26	18
28/09/24 20:10	1	7	7	1	19.9	45	1.9	27	24
28/09/24 20:15	1	7	8	1	19.8	45	1.9	356	31
28/09/24 20:20	1	7	7	1	19.6	46	1.0	351	50
28/09/24 20:25	0	7	7	1	19.5	46	1.6	338	36
28/09/24 20:30	0	7	7	1	19.4	47	1.7	359	30
28/09/24 20:35	0	7	7	1	19.3	47	1.6	9	30
28/09/24 20:40	0	7	7	1	19.2	48	2.0	19	25
28/09/24 20:45	0	7	7	1	19.2	48	2.7	17	20
28/09/24 20:50	0	7	7	1	19.2	48	2.5	11	20
28/09/24 20:55	0	6	7	1	19.4	48	2.6	17	18
28/09/24 21:00	0	6	7	1	19.3	48	2.8	16	17
28/09/24 21:05	1	7	7	1	19.2	49	1.7	19	22
28/09/24 21:10	1	7	7	1	19.1	49	2.3	8	24
28/09/24 21:15	1	7	7	1	19.1	49	2.0	10	16
28/09/24 21:20	1	7	8	1	18.9	50	2.1	21	20
28/09/24 21:25	1	7	8	1	18.8	50	2.4	28	17
28/09/24 21:30	1	7	7	1	18.8	51	2.2	9	20
28/09/24 21:35	1	7	7	1	18.7	51	2.3	6	26
28/09/24 21:40	1	7	7	1	18.7	51	3.3	7	21
28/09/24 21:45	1	7	7	1	18.7	51	2.8	12	25
28/09/24 21:50	1	7	8	1	18.6	51	3.6	18	20
28/09/24 21:55	1	7	8	1	18.8	51	4.2	15	17
28/09/24 22:00	1	7	8	1	18.8	51	4.9	6	18
28/09/24 22:05	1	6	7	1	18.8	51	4.4	4	21
28/09/24 22:10	1	5	6	1	18.9	52	4.4	10	27
28/09/24 22:15	1	5	6	1	18.8	52	3.5	13	24
28/09/24 22:20	1	5	5	1	18.8	53	3.6	9	21
28/09/24 22:25	1	5	5	1	18.8	53	4.0	11	19
28/09/24 22:30	1	4	5	1	18.8	53	3.3	4	27
28/09/24 22:35	1	4	5	1	18.7	53	4.1	15	18
28/09/24 22:40	1	4	5	1	18.7	53	4.2	7	13
28/09/24 22:45	1	4	5	1	18.7	54	3.3	10	21
28/09/24 22:50	1	4	5	1	18.7	54	2.7	2	24
28/09/24 22:55	1	4	4	1	18.6	54	3.0	20	20
28/09/24 23:00	1	4	5	2	18.6	54	2.9	22	18
28/09/24 23:05	1	4	5	2	18.5	54	3.6	27	16
28/09/24 23:10	1	4	5	1	18.5	54	3.8	23	19
28/09/24 23:15	1	4	5	1	18.5	55	3.7	21	20
28/09/24 23:20	1	4	5	1	18.5	55	3.3	357	19
28/09/24 23:25	1	4	5	1	18.4	54	3.5	359	24
28/09/24 23:30	1	4	5	1	18.5	54	3.7	360	24
28/09/24 23:35	1	4	5	1	18.5	54	4.4	348	27
28/09/24 23:40	0	4	4	1	18.5	54	4.3	360	26
28/09/24 23:45	0	4	4	1	18.5	54	4.4	358	25
28/09/24 23:50	0	4	4		18.6	54	4.1	357	27
28/09/24 23:55	0	4	4		18.6	53	4.4	355	27
29/09/24 00:00	0	4	4	1	18.5	53	5.0	358	31
29/09/24 00:05	0	4	4	1	18.7	53	4.5	1	19
29/09/24 00:10	0	4	4	1	18.7	53	4.0	356	21
29/09/24 00:15	0	4	4	1	18.6	52	4.1	2	23
29/09/24 00:20	0	4	4	1	18.7	52	4.3	355	24
29/09/24 00:25	0	3	4	1	18.7	52	3.4	354	26
29/09/24 00:30	0	4	4	1	18.7	52	4.2	358	22
29/09/24 00:35	0	4	4	1	18.7	52	4.6	1	18
29/09/24 00:40	0	3	4	1	18.8	52	3.6	349	29
29/09/24 00:45	0	4	4	1	18.8	52	3.3	358	31
29/09/24 00:50	0	4	4	1	18.8	52	4.1	352	19
29/09/24 00:55	0	4	4	1	18.7	52	3.2	353	31
29/09/24 01:00	0	4	4	1	18.7	52	3.3	353	28
29/09/24 01:05					18.8	52	3.9	8	27
29/09/24 01:10					18.8	52	5.7	9	16
29/09/24 01:15					18.8	51	6.1	2	19
29/09/24 01:20					18.9	51	5.0	3	29
29/09/24 01:25					18.9	52	6.7	4	19
29/09/24 01:30					18.8	52	3.7	4	27
29/09/24 01:35					18.7	53	5.3	9	22
29/09/24 01:40					18.6	53	4.7	6	20

Station Pier Ambient Air Quality Monitoring

September 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 (°)
29/09/24 01:45					18.6	54	4.4	10	21
29/09/24 01:50					18.6	54	5.1	9	18
29/09/24 01:55					18.5	55	4.9	1	24
29/09/24 02:00					18.5	55	5.2	1	26
29/09/24 02:05	0	3	3	1	18.6	55	4.8	357	28
29/09/24 02:10	0	3	3	1	18.6	55	4.2	355	26
29/09/24 02:15	0	3	3	1	18.4	55	3.5	345	31
29/09/24 02:20	0	3	3	1	18.4	55	2.9	342	39
29/09/24 02:25	0	3	3	1	18.4	55	2.9	343	34
29/09/24 02:30	0	3	3	1	18.3	55	2.3	343	38
29/09/24 02:35	0	3	3	1	18.3	55	4.2	4	23
29/09/24 02:40	0	3	3	1	18.4	54	3.8	20	23
29/09/24 02:45	0	2	3	1	18.3	54	4.2	3	25
29/09/24 02:50	0	2	2	1	18.4	54	4.1	7	31
29/09/24 02:55	0	2	3	1	18.3	54	5.1	356	23
29/09/24 03:00	0	2	3	1	18.4	54	3.1	356	30
29/09/24 03:05	0	3	3	1	18.4	54	4.6	351	26
29/09/24 03:10	0	3	3	1	18.3	54	3.1	351	43
29/09/24 03:15	0	3	3	1	18.2	54	4.0	359	32
29/09/24 03:20	0	3	3	1	18.4	54	4.5	344	27
29/09/24 03:25	0	3	3	1	18.4	54	4.0	359	26
29/09/24 03:30	0	3	3	2	18.5	54	3.7	354	33
29/09/24 03:35	0	3	3	1	18.3	54	5.6	3	22
29/09/24 03:40	0	2	2	1	18.3	54	6.1	356	23
29/09/24 03:45	0	2	2	1	18.3	54	4.3	356	30
29/09/24 03:50	0	2	2	1	18.3	54	3.1	348	34
29/09/24 03:55	0	2	2	1	18.3	54	2.9	347	34
29/09/24 04:00	0	2	3	1	18.2	54	2.9	354	40
29/09/24 04:05	0	2	3	1	18.2	54	2.0	322	43
29/09/24 04:10	0	3	3	1	18.2	53	3.3	335	32
29/09/24 04:15	0	3	3	1	18.2	53	2.8	338	39
29/09/24 04:20	0	3	3	1	18.1	53	3.2	343	29
29/09/24 04:25	0	3	3	1	18.2	53	3.2	354	27
29/09/24 04:30	0	3	3	1	18.1	53	3.5	353	30
29/09/24 04:35	0	3	3	1	18.2	53	3.2	349	32
29/09/24 04:40	0	3	3	1	18.1	53	2.7	357	34
29/09/24 04:45	0	3	3	1	18.2	52	4.1	351	31
29/09/24 04:50	0	3	3	1	18.2	52	4.2	359	26
29/09/24 04:55	0	3	3	1	18.2	52	3.8	348	29
29/09/24 05:00	0	3	3	1	18.3	52	3.7	333	31
29/09/24 05:05	0	3	3	1	18.2	52	3.3	337	31
29/09/24 05:10	0	3	3	1	18.2	52	4.1	341	32
29/09/24 05:15	0	3	3	1	18.2	52	3.8	335	33
29/09/24 05:20	0	3	3	1	18.2	52	3.8	347	31
29/09/24 05:25	0	3	3	1	18.1	53	4.1	342	31
29/09/24 05:30	0	3	3	1	18.0	53	3.3	335	37
29/09/24 05:35	0	3	4	1	17.9	53	3.3	347	33
29/09/24 05:40	0	4	4	1	18.0	53	2.8	336	37
29/09/24 05:45	0	4	4	1	17.9	54	3.1	346	35
29/09/24 05:50	0	4	4	1	17.9	54	3.5	357	33
29/09/24 05:55	0	4	5	1	17.8	54	3.6	356	32
29/09/24 06:00	0	4	4	1	17.8	54	2.9	344	36
29/09/24 06:05	0	5	5	1	17.7	55	3.1	343	34
29/09/24 06:10	0	5	5	1	17.5	56	2.8	326	37
29/09/24 06:15	0	5	5	1	17.4	56	3.5	348	28
29/09/24 06:20	0	5	5	1	17.3	57	3.2	339	31
29/09/24 06:25	0	5	5	1	17.2	57	3.6	327	33
29/09/24 06:30	0	5	5	1	17.2	57	2.8	324	32
29/09/24 06:35	0	5	5	1	17.2	58	3.0	316	29
29/09/24 06:40	0	5	5	1	17.2	58	3.6	316	26
29/09/24 06:45	0	5	5	1	17.2	58	3.0	322	29
29/09/24 06:50	0	5	5	1	17.3	58	3.7	328	24
29/09/24 06:55	0	4	4	1	17.2	58	2.3	327	40
29/09/24 07:00	0	4	5	1	17.2	58	1.8	336	45
29/09/24 07:05	0	4	4	1	17.1	58	2.7	335	34
29/09/24 07:10	0	4	4	1	17.1	58	2.9	342	32
29/09/24 07:15	0	4	4	1	17.1	58	3.5	336	27
29/09/24 07:20	0	4	4	1	17.2	58	2.7	328	36
29/09/24 07:25	0	4	4	1	17.1	57	2.5	340	37
29/09/24 07:30	0	4	4	1	17.2	57	4.1	346	32
29/09/24 07:35	0	4	4	1	17.3	57	4.1	345	35
29/09/24 07:40	0	4	4	1	17.2	57	3.9	344	23
29/09/24 07:45	0	4	4	1	17.2	57	4.3	346	32
29/09/24 07:50	0	4	4	1	17.2	57	5.2	343	32
29/09/24 07:55	0	4	4	1	17.2	57	4.1	351	32
29/09/24 08:00	0	4	4	1	17.0	57	4.4	344	26
29/09/24 08:05	0	4	4	1	16.9	58	3.8	348	39
29/09/24 08:10	0	4	4	1	16.8	58	4.5	0	23
29/09/24 08:15	0	4	5	1	16.9	58	5.1	359	21
29/09/24 08:20	0	4	4	1	16.7	58	4.7	1	23
29/09/24 08:25	0	4	5	1	16.8	58	4.8	2	23
29/09/24 08:30	0	4	5	1	16.8	58	4.8	352	22
29/09/24 08:35	0	5	5	1	16.8	59	4.6	331	25
29/09/24 08:40	0	4	5	1	16.8	59	3.4	322	29
29/09/24 08:45	0	4	4	1	16.6	59	4.3	311	22
29/09/24 08:50	0	4	4	1	16.6	60	3.9	333	29

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
29/09/24 08:55	0	4	4	1	16.5	60	2.6	333	33
29/09/24 09:00	0	4	4	1	16.4	61	2.9	346	33
29/09/24 09:05	0	4	4	1	16.5	61	3.4	353	34
29/09/24 09:10	0	4	4	1	16.4	61	3.2	349	28
29/09/24 09:15	0	4	4	1	16.4	63	3.3	358	32
29/09/24 09:20	0	4	5	1	16.3	62	3.7	338	28
29/09/24 09:25	0	5	5	1	16.4	62	3.5	353	31
29/09/24 09:30	0	5	5	1	16.5	61	4.3	351	29
29/09/24 09:35	0	5	6	1	16.5	62	3.9	352	24
29/09/24 09:40	0	5	6	1	16.3	65	2.2	343	35
29/09/24 09:45	1	6	6	1	16.2	66	3.1	352	28
29/09/24 09:50	1	6	6	1	16.1	67	4.0	2	24
29/09/24 09:55	1	6	6	1	16.0	68	3.8	6	28
29/09/24 10:00	1	5	6	1	15.8	71	3.9	2	26
29/09/24 10:05	1	5	6	1	15.6	73	2.5	4	27
29/09/24 10:10	1	5	6	1	15.5	74	2.0	2	32
29/09/24 10:15	1	6	6	1	15.3	75	2.9	9	24
29/09/24 10:20	0	6	6	1	15.2	76	2.9	7	25
29/09/24 10:25	1	5	6	1	15.0	77	2.9	3	24
29/09/24 10:30	1	5	6	1	14.9	78	2.7	7	20
29/09/24 10:35	1	5	6	1	14.9	80	2.6	6	24
29/09/24 10:40	1	5	6	1	14.8	80	2.7	357	22
29/09/24 10:45	1	5	6	1	14.8	81	2.5	16	23
29/09/24 10:50	1	5	6	1	14.7	82	3.2	14	17
29/09/24 10:55	1	5	6	1	14.5	83	2.2	7	31
29/09/24 11:00	1	5	6	1	14.5	83	2.6	10	24
29/09/24 11:05	1	5	6	1	14.6	84	2.7	16	23
29/09/24 11:10	1	5	6	2	14.5	85	2.5	15	20
29/09/24 11:15	1	6	7	2	14.4	85	2.0	1	25
29/09/24 11:20	1	6	7	1	14.4	85	1.3	329	35
29/09/24 11:25	1	6	8	1	14.4	86	0.7	344	41
29/09/24 11:30	2	8	9	1	14.4	87	1.1	357	31
29/09/24 11:35	2	9	11	1	14.4	86	1.1	339	33
29/09/24 11:40	3	14	17	1	14.5	88	1.2	14	29
29/09/24 11:45	3	15	18	1	14.6	88	2.3	12	18
29/09/24 11:50	3	12	15	1	14.6	87	2.1	14	19
29/09/24 11:55	3	10	13	1	14.6	87	1.7	24	22
29/09/24 12:00	3	9	12	1	14.5	88	1.6	13	20
29/09/24 12:05	3	9	11	1	14.6	89	1.6	15	22
29/09/24 12:10	3	8	11	1	14.5	88	2.5	15	19
29/09/24 12:15	2	7	9	1	14.6	88	1.7	15	24
29/09/24 12:20	2	7	9	1	14.7	88	2.0	1	23
29/09/24 12:25	2	6	8	1	14.7	88	1.7	2	24
29/09/24 12:30	2	7	9	1	14.7	88	1.4	14	24
29/09/24 12:35	2	8	10	1	14.7	89	1.5	22	19
29/09/24 12:40	2	8	10	1	14.7	89	1.9	23	17
29/09/24 12:45	2	8	10	1	14.8	89	2.2	31	17
29/09/24 12:50	2	8	10	1	14.9	89	1.5	25	17
29/09/24 12:55	3	8	10	1	15.2	88	1.9	31	16
29/09/24 13:00	3	8	10	1	15.4	86	2.4	24	16
29/09/24 13:05	3	8	10	1	15.6	86	1.8	9	23
29/09/24 13:10	2	8	10	1	15.6	85	2.3	20	19
29/09/24 13:15	2	8	10	1	15.6	84	2.2	18	21
29/09/24 13:20	2	8	10	1	15.6	85	1.6	22	20
29/09/24 13:25	2	8	9	1	15.6	84	3.0	26	14
29/09/24 13:30	2	7	9	1	15.5	83	2.6	19	15
29/09/24 13:35	1	7	9	1	15.5	83	2.1	11	19
29/09/24 13:40	1	7	9	1	15.6	83	2.1	11	22
29/09/24 13:45	1	7	8	1	15.6	81	2.2	357	17
29/09/24 13:50	1	7	8	1	15.6	81	2.3	355	22
29/09/24 13:55	1	7	8	1	15.6	81	2.1	3	23
29/09/24 14:00	1	7	8	1	15.6	81	1.9	350	24
29/09/24 14:05	1	8	9	1	15.7	81	2.2	2	26
29/09/24 14:10	2	8	9	1	15.7	80	1.6	0	27
29/09/24 14:15	2	8	9	1	15.8	79	1.7	2	30
29/09/24 14:20	2	8	9	1	15.9	79	2.2	7	21
29/09/24 14:25	2	8	9	1	16.0	79	1.6	10	27
29/09/24 14:30	2	8	10	1	16.1	79	1.4	10	26
29/09/24 14:35	2	7	9	1	16.2	80	1.7	20	21
29/09/24 14:40	2	7	9	1	16.2	79	2.0	9	24
29/09/24 14:45	2	7	9	1	16.1	79	2.6	8	18
29/09/24 14:50	2	6	8	1	16.3	79	2.8	25	16
29/09/24 14:55	2	6	8	1	16.2	79	3.5	20	13
29/09/24 15:00	2	6	8	1	16.4	78	2.4	15	22
29/09/24 15:05	2	6	8	1	16.6	77	2.6	14	23
29/09/24 15:10	2	6	8	1	16.7	76	3.6	12	18
29/09/24 15:15	2	6	8	1	16.7	77	2.5	16	20
29/09/24 15:20	2	6	9	1	16.6	77	3.2	25	17
29/09/24 15:25	2	6	8	1	16.7	77	2.4	10	24
29/09/24 15:30	2	6	8	1	17.0	74	3.1	6	17
29/09/24 15:35	3	5	8	1	17.4	72	3.3	5	15
29/09/24 15:40	3	5	8	1	17.6	72	2.5	14	22
29/09/24 15:45	3	5	8	1	17.5	71	2.8	8	21
29/09/24 15:50	2	5	8	1	17.6	70	2.6	3	21
29/09/24 15:55	3	5	8	1	17.8	69	2.9	2	21
29/09/24 16:00	2	5	7	1	17.9	67	3.2	358	21

Station Pier Ambient Air Quality Monitoring

September 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 (°)
29/09/24 16:05	2	5	7	1	18.0	67	3.0	12	26
29/09/24 16:10	2	4	6	1	18.0	67	2.3	2	32
29/09/24 16:15	2	4	6	1	18.2	66	2.6	16	22
29/09/24 16:20	2	4	6	1	18.5	63	3.0	23	18
29/09/24 16:25	2	4	6	1	18.5	63	2.8	22	18
29/09/24 16:30	2	4	5	1	18.4	63	3.0	25	15
29/09/24 16:35	2	4	5	1	18.3	64	1.2	0	35
29/09/24 16:40	2	4	5	1	18.3	63	3.1	11	16
29/09/24 16:45	2	4	5	1	18.5	62	2.6	357	24
29/09/24 16:50	1	4	5	1	18.4	63	1.9	355	31
29/09/24 16:55	1	4	6	1	18.1	65	1.6	18	27
29/09/24 17:00	2	5	6	1	17.9	67	2.0	14	22
29/09/24 17:05	2	5	7	1	17.7	67	2.3	12	28
29/09/24 17:10	2	5	8	1	17.6	68	2.9	26	15
29/09/24 17:15	2	5	7	1	17.4	68	2.9	24	13
29/09/24 17:20	1	6	7	1	17.3	68	2.3	355	20
29/09/24 17:25	1	6	7	1	17.2	68	2.2	347	32
29/09/24 17:30	1	6	8	1	17.2	68	2.0	338	27
29/09/24 17:35	1	7	8	1	17.1	67	2.4	316	19
29/09/24 17:40	1	7	7	1	17.1	69	2.6	299	15
29/09/24 17:45	1	7	7	1	16.7	72	2.6	317	22
29/09/24 17:50	1	7	8	1	16.6	74	2.0	332	23
29/09/24 17:55	1	8	9	1	16.6	75	1.4	345	32
29/09/24 18:00	1	9	10	1	16.4	76	1.7	352	21
29/09/24 18:05	1	9	10	1	16.3	76	1.5	0	26
29/09/24 18:10	1	10	11	1	16.4	76	1.2	335	35
29/09/24 18:15	1	12	12	1	16.4	75	1.8	0	20
29/09/24 18:20	1	13	14	1	16.5	75	1.2	341	41
29/09/24 18:25	1	14	15	1	16.5	74	1.3	321	32
29/09/24 18:30	1	12	13	1	16.4	73	1.3	339	27
29/09/24 18:35	1	11	12	1	16.3	73	1.6	345	24
29/09/24 18:40	1	11	12	1	16.3	74	1.7	314	18
29/09/24 18:45	1	11	12	1	16.2	73	2.2	299	14
29/09/24 18:50	1	13	14	1	16.4	71	2.3	307	9
29/09/24 18:55	0	15	15	1	16.5	72	1.8	295	12
29/09/24 19:00	1	16	16	1	16.3	74	1.7	270	11
29/09/24 19:05	1	18	19	1	16.1	76	1.7	265	11
29/09/24 19:10	1	17	18	1	16.0	76	1.8	254	10
29/09/24 19:15	1	12	13	1	15.9	74	2.0	247	5
29/09/24 19:20	1	8	9	1	15.9	74	1.6	247	7
29/09/24 19:25	1	9	9	1	15.8	75	1.4	259	8
29/09/24 19:30	0	9	9	1	15.7	75	1.3	265	9
29/09/24 19:35	0	10	10	1	15.6	76	1.3	258	9
29/09/24 19:40	0	11	11	1	15.6	76	1.2	271	9
29/09/24 19:45	0	11	11	1	15.4	76	1.1	277	8
29/09/24 19:50	0	11	11	1	15.3	76	0.8	276	13
29/09/24 19:55	0	10	11	1	15.1	77	1.2	274	8
29/09/24 20:00	0	9	10	1	15.0	77	1.1	276	10
29/09/24 20:05	0	9	9	1	15.0	77	1.1	276	9
29/09/24 20:10	0	8	9	1	15.0	78	1.3	276	10
29/09/24 20:15	0	9	9	1	14.9	79	1.1	285	14
29/09/24 20:20	0	9	9	1	14.7	79	1.1	273	13
29/09/24 20:25	0	10	11	1	14.8	80	1.4	264	9
29/09/24 20:30	1	16	17	1	14.7	81	1.4	266	7
29/09/24 20:35	1	23	24	1	14.6	82	1.3	271	7
29/09/24 20:40	1	23	23	1	14.5	83	1.3	264	14
29/09/24 20:45	1	21	21	1	14.5	82	1.4	261	10
29/09/24 20:50	1	20	21	1	14.6	82	1.7	257	9
29/09/24 20:55	1	19	20	1	14.6	82	1.6	267	12
29/09/24 21:00	1	17	17	1	14.6	81	1.4	286	13
29/09/24 21:05	1	12	13	1	14.7	80	1.8	271	18
29/09/24 21:10	0	9	10	1	14.8	79	1.6	271	12
29/09/24 21:15	1	16	16	1	14.8	78	2.7	257	6
29/09/24 21:20	1	21	22	1	14.9	79	2.8	259	3
29/09/24 21:25	1	25	26	1	14.6	80	2.8	263	6
29/09/24 21:30	10	27	37	2	14.5	81	3.3	247	13
29/09/24 21:35	13	24	37	1	14.6	80	4.1	238	6
29/09/24 21:40	8	23	30	1	14.4	81	4.4	239	4
29/09/24 21:45	9	23	32	1	14.3	83	4.4	238	6
29/09/24 21:50	4	17	21	1	14.1	86	4.3	235	5
29/09/24 21:55	1	10	11	1	13.9	87	4.4	235	5
29/09/24 22:00	0	10	9	1	13.9	89	3.6	234	4
29/09/24 22:05	0	9	9	1	13.8	90	3.6	230	4
29/09/24 22:10	0	8	8	1	13.8	90	3.5	233	5
29/09/24 22:15	0	7	8	1	13.7	89	2.8	235	8
29/09/24 22:20	0	8	8	1	13.7	88	2.4	239	7
29/09/24 22:25	0	8	8	1	13.7	87	2.5	238	9
29/09/24 22:30	1	15	16	1	13.8	87	2.5	250	5
29/09/24 22:35	1	23	24	1	13.7	87	2.7	253	4
29/09/24 22:40	1	21	22	1	13.7	86	3.1	255	5
29/09/24 22:45	12	35	47	2	13.6	83	3.5	252	6
29/09/24 22:50	5	22	27	2	13.6	80	3.8	250	7
29/09/24 22:55	4	19	22	2	13.6	78	4.3	246	6
29/09/24 23:00	5	21	26	2	13.6	77	4.4	250	6
29/09/24 23:05	3	14	17	2	13.5	76	4.6	246	7
29/09/24 23:10	3	16	18	2	13.6	75	4.2	246	6

Station Pier Ambient Air Quality Monitoring									
September 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 (°)
29/09/24 23:15	3	17	20	2	13.5	75	3.9	251	6
29/09/24 23:20	2	17	19	2	13.4	76	3.7	252	7
29/09/24 23:25	2	16	18	2	13.3	76	3.4	253	7
29/09/24 23:30	2	15	16	2	13.2	76	3.1	251	7
29/09/24 23:35	1	16	17	2	13.2	77	2.8	257	7
29/09/24 23:40	2	21	23	2	13.1	77	3.1	254	8
29/09/24 23:45	2	14	16	2	13.1	75	3.3	256	7
29/09/24 23:50	2	15	17		13.1	76	3.4	252	5
29/09/24 23:55	2	14	16		13.1	76	3.0	253	6
30/09/24 00:00	1	15	16	2	13.1	76	2.9	254	5
30/09/24 00:05	1	14	16	1	13.1	76	2.7	257	6
30/09/24 00:10	1	13	14	1	13.0	78	1.4	274	11
30/09/24 00:15	1	13	14	1	12.8	79	1.2	275	12
30/09/24 00:20	1	9	10	1	12.7	79	1.4	285	6
30/09/24 00:25	1	10	11	2	12.5	78	1.4	287	10
30/09/24 00:30	1	10	10	2	12.5	77	1.5	292	7
30/09/24 00:35	0	8	9	1	12.5	76	1.3	295	6
30/09/24 00:40	0	7	7	2	12.6	76	1.4	300	11
30/09/24 00:45	0	7	7	2	12.6	76	1.2	300	12
30/09/24 00:50	0	7	8	2	12.3	78	1.0	314	13
30/09/24 00:55	0	9	9	2	12.0	79	0.9	327	17
30/09/24 01:00	0	11	11	2	11.8	81	1.0	342	15
30/09/24 01:05					11.7	81	1.1	339	12
30/09/24 01:10					11.6	82	1.3	323	12
30/09/24 01:15					11.9	81	1.4	307	12
30/09/24 01:20					11.9	81	1.5	319	15
30/09/24 01:25					11.8	82	1.7	323	16
30/09/24 01:30					11.6	82	1.6	329	21
30/09/24 01:35					11.5	82	1.7	347	22
30/09/24 01:40					11.4	83	1.6	349	25
30/09/24 01:45					11.4	83	1.7	356	19
30/09/24 01:50					11.2	84	1.7	357	21
30/09/24 01:55					11.1	84	1.5	345	25
30/09/24 02:00					11.1	84	1.5	353	17
30/09/24 02:05	7	24	31	1	11.1	85	1.5	350	22
30/09/24 02:10	5	21	26	1	11.1	84	1.6	0	19
30/09/24 02:15	3	17	20	1	11.1	84	1.1	349	28
30/09/24 02:20	2	17	19	1	11.1	84	0.7	331	34
30/09/24 02:25	1	17	19	1	11.1	84	1.4	348	21
30/09/24 02:30	1	18	19	1	11.1	84	1.1	346	19
30/09/24 02:35	1	18	19	1	11.1	84	1.1	343	27
30/09/24 02:40	1	18	19	1	11.1	83	1.3	341	26
30/09/24 02:45	1	18	19	1	11.1	83	1.7	320	16
30/09/24 02:50	1	18	19	1	11.2	82	1.9	325	19
30/09/24 02:55	2	19	21	1	11.2	81	1.4	321	26
30/09/24 03:00	3	22	25	1	11.1	82	1.1	333	24
30/09/24 03:05	4	26	31	1	10.9	82	1.3	338	22
30/09/24 03:10	6	27	33	1	10.8	83	1.4	1	16
30/09/24 03:15	8	25	33	1	10.5	84	1.4	16	14
30/09/24 03:20	10	24	34	1	10.5	85	1.6	0	18
30/09/24 03:25	9	24	33	1	10.5	84	1.5	333	25
30/09/24 03:30	5	24	30	1	10.6	83	1.8	329	16
30/09/24 03:35	5	22	27	1	10.7	82	1.8	336	15
30/09/24 03:40	5	23	28	1	10.6	83	1.6	348	19
30/09/24 03:45	5	22	28	1	10.5	83	1.7	345	25
30/09/24 03:50	5	22	28	1	10.4	83	1.6	0	18
30/09/24 03:55	6	22	28	1	10.3	83	0.9	4	27
30/09/24 04:00	6	22	28	1	10.2	84	1.1	356	24
30/09/24 04:05	7	22	29	1	10.2	84	1.3	19	17
30/09/24 04:10	10	23	33	1	10.0	85	1.2	21	16
30/09/24 04:15	11	23	34	1	10.1	85	1.1	16	19
30/09/24 04:20	9	23	32	1	10.0	84	0.8	14	21
30/09/24 04:25	7	22	29	1	9.9	84	1.0	3	20
30/09/24 04:30	6	21	27	1	9.9	84	1.1	16	19
30/09/24 04:35	5	22	27	1	9.9	83	1.3	13	16
30/09/24 04:40	5	21	26	1	10.0	82	1.4	5	12
30/09/24 04:45	4	21	25	1	10.2	82	1.3	348	17
30/09/24 04:50	4	19	23	1	10.3	80	1.4	354	15
30/09/24 04:55	3	19	23	1	10.3	80	1.2	339	19
30/09/24 05:00	3	19	23	1	10.4	79	1.2	339	24
30/09/24 05:05	4	20	24	1	10.5	78	1.2	355	23
30/09/24 05:10	6	22	28	1	10.5	79	1.1	353	23
30/09/24 05:15	17	26	44	1	10.2	80	1.1	8	14
30/09/24 05:20	24	23	48	1	10.0	82	1.3	9	14
30/09/24 05:25	22	23	46	1	9.8	82	1.8	359	9
30/09/24 05:30	17	21	38	1	9.9	82	1.5	352	18
30/09/24 05:35	5	20	25	1	10.2	80	1.5	329	17
30/09/24 05:40	5	21	26	1	10.4	79	1.3	336	26
30/09/24 05:45	10	26	36	1	10.4	79	1.2	351	24
30/09/24 05:50	23	25	48	1	10.3	79	1.2	3	19
30/09/24 05:55	27	25	51	1	10.1	79	1.0	341	27
30/09/24 06:00	26	25	51	1	10.3	79	1.3	326	27
30/09/24 06:05	20	28	48	1	10.4	77	1.8	350	18
30/09/24 06:10	18	26	44	1	10.4	77	1.8	347	20
30/09/24 06:15	15	23	38	1	10.4	77	1.4	356	21
30/09/24 06:20	13	23	35	2	10.5	77	1.5	357	19

Station Pier Ambient Air Quality Monitoring
September 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 (°)
30/09/24 06:25	13	22	35	1	10.5	77	1.1	12	23
30/09/24 06:30	14	22	36	1	10.7	77	0.9	350	31
30/09/24 06:35	15	23	37	1	10.7	77	1.3	16	12
30/09/24 06:40	16	23	39	1	10.8	76	1.2	14	15
30/09/24 06:45	16	23	39	2	10.9	75	1.4	10	12
30/09/24 06:50	16	22	38	2	11.1	74	1.7	5	15
30/09/24 06:55	15	22	37	2	11.1	73	2.0	6	14
30/09/24 07:00	15	22	37	2	11.3	73	1.7	9	19
30/09/24 07:05	15	21	36	2	11.5	72	1.8	3	14
30/09/24 07:10	15	21	35	2	11.8	70	1.9	359	14
30/09/24 07:15	15	20	36	1	11.9	70	1.6	357	22
30/09/24 07:20	16	20	36	1	12.1	68	1.5	337	28
30/09/24 07:25	16	20	36	1	12.2	68	1.9	338	25
30/09/24 07:30	16	20	36	1	12.5	67	1.4	344	25
30/09/24 07:35	18	20	38	1	12.6	67	1.2	357	31
30/09/24 07:40	25	20	45	1	12.9	66	1.5	5	19
30/09/24 07:45	30	21	51	2	13.1	65	1.7	8	15
30/09/24 07:50	27	22	49	2	13.3	64	1.6	5	22
30/09/24 07:55	20	21	41	1	13.6	62	1.8	20	23
30/09/24 08:00	16	19	34	2	13.7	62	1.7	13	31
30/09/24 08:05	17	19	36	2	13.7	63	1.1	339	48
30/09/24 08:10	19	19	38	2	13.6	63	1.5	336	26
30/09/24 08:15	21	19	40	2	13.7	63	1.4	335	24
30/09/24 08:20	23	19	42	2	13.8	63	1.6	309	28
30/09/24 08:25	22	19	41	2	13.9	63	1.4	310	26
30/09/24 08:30	22	20	42	2	14.1	63	2.0	302	22
30/09/24 08:35	22	20	42	2	14.1	63	1.6	307	27
30/09/24 08:40	22	20	42	2	14.3	63	2.1	309	25
30/09/24 08:45	22	20	42	2	14.5	64	2.4	276	18
30/09/24 08:50	21	18	39	2	14.5	64	2.7	279	15
30/09/24 08:55	17	13	30	2	14.8	64	2.4	278	13
30/09/24 09:00	13	14	26	2	15.0	65	2.7	271	17
30/09/24 09:05	8	11	19	2	15.1	66	4.0	265	14
30/09/24 09:10	7	10	17	2	15.2	65	3.4	276	16
30/09/24 09:15	6	8	14	2	15.3	65	4.6	256	8
30/09/24 09:20	5	2	7	2	15.3	64	4.0	257	15
30/09/24 09:25	4	4	7	1	15.5	64	3.7	263	13
30/09/24 09:30	3	4	7	1	15.5	64	4.1	255	11
30/09/24 09:35	2	5	7	1	15.6	63	4.1	269	11
30/09/24 09:40	2	4	7	2	15.7	63	5.9	256	6
30/09/24 09:45	2	4	6	2	15.7	62	5.5	251	13
30/09/24 09:50	1	3	5	2	15.7	63	5.0	233	5
30/09/24 09:55	1	3	4	2	15.7	63	5.1	244	13
30/09/24 10:00	1	3	4	2	15.9	61	4.7	245	6
30/09/24 10:05	1	4	5	2	16.1	61	5.1	244	12
30/09/24 10:10	1	4	5	2	15.9	65	5.1	225	7
30/09/24 10:15	1	3	4	2	15.4	71	4.4	198	8
30/09/24 10:20	1	3	4	2	15.4	69	3.5	192	7
30/09/24 10:25	1	4	5	2	15.5	70	3.2	191	9
30/09/24 10:30	2	9	12	2	15.5	70	3.3	192	8
30/09/24 10:35	3	7	10	2	15.6	71	3.0	192	13
30/09/24 10:40	2	3	6	2	16.0	70	2.0	180	20
30/09/24 10:45	2	3	5	2	16.6	67	2.0	171	18
30/09/24 10:50	2	3	5	2	17.0	65	2.1	181	14
30/09/24 10:55	2	3	4	2	16.7	66	1.8	174	21
30/09/24 11:00	1	3	4	2	17.0	66	1.8	172	17
30/09/24 11:05	1	3	4	2	17.1	64	2.1	168	16
30/09/24 11:10	2	6	8	2	16.8	65	1.4	156	32
30/09/24 11:15	9	12	21	2	16.4	67	1.9	157	21
30/09/24 11:20	2	3	5	2	16.2	68	1.5	155	27
30/09/24 11:25	1	2	3	2	16.1	69	2.5	132	13
30/09/24 11:30	1	1	2	2	15.8	70	2.7	137	11
30/09/24 11:35	1	1	2	1	15.9	70	2.3	133	12
30/09/24 11:40	0	1	2	1	15.7	70	2.4	132	14
30/09/24 11:45	0	1	1	1	15.5	72	1.8	125	18
30/09/24 11:50	0	1	1	1	16.0	71	2.0	115	16
30/09/24 11:55	0	1	1	1	16.0	70	2.8	112	6
30/09/24 12:00	0	1	1	1	16.1	70	2.3	113	9
30/09/24 12:05	0	1	1	1	16.3	69	1.9	117	11
30/09/24 12:10	1	1	2	1	16.4	68	1.8	117	14
30/09/24 12:15	1	1	2	1	16.5	69	2.6	111	7
30/09/24 12:20	0	1	1	1	16.5	68	1.8	119	16
30/09/24 12:25	0	1	1	1	16.9	64	1.5	119	21
30/09/24 12:30	0	1	1	1	17.1	64	1.5	119	20
30/09/24 12:35	0	1	1	1	17.1	64	2.2	114	13
30/09/24 12:40	0	1	1	1	16.8	66	2.4	115	11
30/09/24 12:45	0	1	1	1	16.8	65	2.2	113	14
30/09/24 12:50	0	1	1	1	16.7	66	1.9	113	15
30/09/24 12:55	0	1	1	1	16.7	65	1.5	120	18
30/09/24 13:00	0	1	1	1	16.6	65	1.5	124	19
30/09/24 13:05	0	1	1	1	16.9	65	1.3	123	22
30/09/24 13:10	0	1	1	1	16.7	65	2.4	134	18
30/09/24 13:15	0	1	1	1	16.5	65	2.4	139	16
30/09/24 13:20	0	1	1	1	16.9	64	1.3	150	35
30/09/24 13:25	0	1	2	1	17.2	64	0.9	156	38
30/09/24 13:30	0	1	2	1	17.6	61	1.2	147	34

Station Pier Ambient Air Quality Monitoring

September 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 (°)
30/09/24 13:35	1	2	2	1	17.8	62	1.7	161	22
30/09/24 13:40	1	2	3	1	17.8	62	1.6	162	21
30/09/24 13:45	1	2	3	1	17.9	61	2.2	166	18
30/09/24 13:50	1	2	3	1	18.2	61	1.2	167	26
30/09/24 13:55	1	2	3	1	18.5	59	1.8	162	17
30/09/24 14:00	1	2	4	1	18.5	57	1.0	146	36
30/09/24 14:05	1	2	3	1	18.1	57	1.8	136	20
30/09/24 14:10	1	2	3	1	17.8	60	1.6	123	22
30/09/24 14:15	1	2	2	1	17.8	60	1.7	133	18
30/09/24 14:20	1	2	2	1	18.0	58	1.7	149	23
30/09/24 14:25	1	2	2	1	18.3	57	1.5	140	25
30/09/24 14:30	1	2	2	1	18.3	58	2.0	132	16
30/09/24 14:35	0	2	2	1	18.0	60	2.0	118	16
30/09/24 14:40	0	2	2	1	17.7	63	1.6	131	27
30/09/24 14:45	1	2	3	1	17.8	62	2.1	157	22
30/09/24 14:50	1	2	3	1	18.2	58	2.4	172	16
30/09/24 14:55	1	2	3	1	18.5	58	2.1	168	25
30/09/24 15:00	6	4	10	1	18.3	59	4.3	191	6
30/09/24 15:05	12	18	30	1	17.5	61	3.6	194	11
30/09/24 15:10	24	18	42	1	17.1	64	4.7	197	5
30/09/24 15:15	13	15	27	1	16.9	65	5.0	195	5
30/09/24 15:20	6	6	12	1	17.1	62	4.4	192	9
30/09/24 15:25	2	4	6	1	17.6	63	1.9	185	13
30/09/24 15:30	2	4	6	1	18.4	60	2.2	183	15
30/09/24 15:35	2	4	6	1	18.6	59	1.6	180	19
30/09/24 15:40	2	9	12	1	18.9	58	1.8	165	14
30/09/24 15:45	4	13	17	1	18.4	61	1.8	166	16
30/09/24 15:50	1	1	3	1	18.1	64	1.1	146	24
30/09/24 15:55	0	1	2	1	18.1	65	1.2	133	20
30/09/24 16:00	0	2	2	1	18.1	66	1.1	117	29
30/09/24 16:05	0	2	2	1	17.8	67	1.5	104	9
30/09/24 16:10	0	2	2	1	17.8	67	1.6	102	7
30/09/24 16:15	0	2	2	1	17.8	68	1.1	118	23
30/09/24 16:20	0	2	2	1	18.2	66	1.0	153	27
30/09/24 16:25	0	2	2	1	18.7	60	1.7	178	21
30/09/24 16:30	1	2	3	1	18.9	56	2.1	173	18
30/09/24 16:35	1	2	3	1	18.8	58	1.8	174	17
30/09/24 16:40	0	2	3	1	18.6	59	1.7	171	17
30/09/24 16:45	1	2	2	1	18.5	59	1.8	195	17
30/09/24 16:50	1	2	2	1	17.9	62	1.8	182	17
30/09/24 16:55	1	2	2	1	17.9	62	1.6	176	24
30/09/24 17:00	0	2	2	1	18.1	62	1.0	147	31
30/09/24 17:05	0	2	2	1	18.3	62	1.3	134	17
30/09/24 17:10	0	2	2	1	18.2	63	1.6	196	19
30/09/24 17:15	1	4	5	1	18.0	63	2.6	195	11
30/09/24 17:20	1	8	10	1	17.7	65	3.8	201	7
30/09/24 17:25	1	5	6	1	17.3	65	4.8	204	4
30/09/24 17:30	1	4	5	1	17.1	67	4.5	205	4
30/09/24 17:35	1	9	10	1	17.1	68	4.6	206	3
30/09/24 17:40	1	0	2	1	16.9	69	4.5	204	5
30/09/24 17:45	1	0	1	1	16.7	71	4.3	202	5
30/09/24 17:50	1	1	1	1	16.4	74	3.4	197	5
30/09/24 17:55	0	1	1	1	16.4	74	2.3	187	14
30/09/24 18:00	0	1	1	1	16.6	73	1.6	181	20
30/09/24 18:05	0	1	1	1	16.6	73	1.6	174	21
30/09/24 18:10	0	2	2	1	16.6	74	1.2	172	21
30/09/24 18:15	0	2	2	1	16.4	75	1.2	174	22
30/09/24 18:20	0	2	2	1	16.3	76	0.9	157	33
30/09/24 18:25	0	2	2	1	16.0	77	1.4	123	21
30/09/24 18:30	0	2	2	1	15.8	77	2.1	128	17
30/09/24 18:35	0	2	2	1	15.7	78	2.7	130	12
30/09/24 18:40	0	1	2	1	15.7	78	2.4	135	14
30/09/24 18:45	0	1	1	1	15.6	79	2.0	126	17
30/09/24 18:50	0	1	2	1	15.6	79	1.7	125	19
30/09/24 18:55	0	1	2	1	15.5	77	1.4	122	22
30/09/24 19:00	0	1	1	1	15.6	78	1.8	111	13
30/09/24 19:05	0	1	1	1	15.6	78	1.7	110	10
30/09/24 19:10	0	1	1	1	15.6	79	1.4	96	8
30/09/24 19:15	0	2	2	1	15.5	78	0.6	111	27
30/09/24 19:20	0	2	2	1	15.4	79	0.2	197	73
30/09/24 19:25	0	3	3	1	15.3	80	0.2	262	37
30/09/24 19:30	0	3	3	1	15.3	79	0.2	97	46
30/09/24 19:35	0	4	4	1	15.1	77	0.6	102	16
30/09/24 19:40	0	5	5	1	15.2	77	1.1	106	6
30/09/24 19:45	0	5	6	1	15.2	72	1.2	108	7
30/09/24 19:50	0	6	6	1	15.3	72	0.7	110	15
30/09/24 19:55	0	7	7	1	15.4	73	1.1	106	6
30/09/24 20:00	0	8	8	1	15.4	72	1.2	106	6
30/09/24 20:05	0	10	10	2	15.5	71	1.1	114	17
30/09/24 20:10	0	12	12	1	15.4	72	0.5	112	33
30/09/24 20:15	0	12	12	1	15.4	78	0.3	181	55
30/09/24 20:20	0	11	11	1	15.2	80	0.5	155	27
30/09/24 20:25	0	11	11	1	15.0	82	0.8	107	14
30/09/24 20:30	0	10	10	1	14.9	82	0.9	80	13
30/09/24 20:35	0	10	10	1	14.9	82	0.7	37	14
30/09/24 20:40	0	11	11	1	14.7	79	0.3	307	39

Station Pier Ambient Air Quality Monitoring
September 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 (°)
30/09/24 20:45	0	12	12	1	14.7	81	0.6	224	13
30/09/24 20:50	0	11	11	1	14.7	84	0.2	218	67
30/09/24 20:55	1	14	15	1	14.4	82	0.5	17	15
30/09/24 21:00	3	26	30	1	14.2	79	0.9	3	8
30/09/24 21:05	6	29	34	1	14.2	76	1.0	2	8
30/09/24 21:10	8	27	35	1	14.3	76	0.9	329	22
30/09/24 21:15	16	32	48	1	14.7	76	0.9	314	6
30/09/24 21:20	26	30	55	1	14.8	76	0.7	301	13
30/09/24 21:25	29	31	60	1	14.8	77	0.7	290	20
30/09/24 21:30	18	32	50	1	14.8	81	0.4	232	35
30/09/24 21:35	10	26	36	1	14.7	83	0.9	222	13
30/09/24 21:40	21	27	48	1	14.5	85	0.7	273	22
30/09/24 21:45	35	25	60	1	14.5	84	1.0	280	12
30/09/24 21:50	50	32	81	2	14.4	83	2.4	262	6
30/09/24 21:55	59	31	91	2	14.4	83	3.0	255	6
30/09/24 22:00	22	32	54	1	14.6	80	4.3	253	6
30/09/24 22:05	5	23	27	2	14.6	82	3.5	256	5
30/09/24 22:10	2	20	23	1	14.5	83	3.3	251	5
30/09/24 22:15	3	20	23	1	14.5	83	3.6	244	8
30/09/24 22:20	7	26	33	1	14.5	84	3.4	254	6
30/09/24 22:25	11	27	38	1	14.5	83	3.4	249	8
30/09/24 22:30	4	15	19	1	14.5	83	3.9	238	6
30/09/24 22:35	0	15	15	1	14.5	83	4.2	237	5
30/09/24 22:40	0	16	16	1	14.4	84	3.8	241	5
30/09/24 22:45	1	16	17	1	14.4	84	3.3	241	7
30/09/24 22:50	1	16	17	1	14.4	84	3.5	235	5
30/09/24 22:55	1	15	16	1	14.4	85	3.4	238	4
30/09/24 23:00	1	15	15	1	14.3	85	2.9	242	7
30/09/24 23:05	2	20	22	1	14.3	85	2.6	251	6
30/09/24 23:10	8	34	42	1	14.2	85	2.9	249	4
30/09/24 23:15	11	25	36	2	14.2	85	2.1	262	13
30/09/24 23:20	5	25	30	1	14.1	85	1.1	283	16
30/09/24 23:25	5	26	31	1	14.0	85	1.0	284	13
30/09/24 23:30	6	25	31	1	13.9	85	1.4	288	12
30/09/24 23:35	6	26	32	1	13.8	85	1.2	288	11
30/09/24 23:40	6	26	32	2	13.7	85	1.0	315	21
30/09/24 23:45	6	26	32	2	13.6	84	0.7	319	27
30/09/24 23:50	6	26	32		13.5	85	1.1	315	14
30/09/24 23:55	5	26	31		13.4	85	0.7	322	18
01/10/24 00:00	5	25	30	2	13.3	85	1.0	321	23

Station Pier Ambient Air Quality Monitoring											
September 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 (°)
01/09/24 01:00	2	25	0	4	4	1	16.1	57	2.7	332	31
01/09/24 02:00	3	17					15.8	58	2.4	343	33
01/09/24 03:00	2	19	0	3	3	1	15.7	59	2.8	352	28
01/09/24 04:00	2	12	0	2	2	1	15.5	62	2.8	352	32
01/09/24 05:00	3	13	0	2	2	1	15.6	64	2.7	341	34
01/09/24 06:00	0	9	0	2	2	1	15.3	66	3.0	352	31
01/09/24 07:00	-2	10	0	4	4	1	15.1	66	3.4	334	30
01/09/24 08:00	-2	9	0	5	5	1	15.2	67	3.6	320	26
01/09/24 09:00	-1	9	1	4	5	1	16.0	63	4.2	320	26
01/09/24 10:00	-2	14	1	4	5	1	17.0	60	4.9	316	24
01/09/24 11:00	-2	13	1	4	5	1	17.2	59	5.4	309	20
01/09/24 12:00	0	20	1	2	3	1	18.5	53	7.3	296	16
01/09/24 13:00	1	16	1	2	3	1	19.2	51	6.8	303	17
01/09/24 14:00	0	14	1	2	3	1	19.5	52	6.9	294	16
01/09/24 15:00	-3	12	0	2	2	1	19.9	51	7.3	288	14
01/09/24 16:00	-2	12	1	3	4	1	20.3	51	6.0	301	17
01/09/24 17:00	0	16	1	4	5	1	19.4	56	6.2	304	16
01/09/24 18:00	-2	14	1	5	6	1	18.9	58	5.7	309	18
01/09/24 19:00	-2	11	0	7	8	2	18.5	58	5.2	308	19
01/09/24 20:00	-1	13	0	8	8	2	18.4	56	3.5	315	23
01/09/24 21:00	2	17	0	6	7	2	19.2	51	5.1	310	21
01/09/24 22:00	1	30	0	5	5	1	19.8	47	7.6	307	16
01/09/24 23:00	1	30	0	5	5	1	19.4	46	7.2	302	16
02/09/24 00:00	3	29	0	2	2	1	19.2	46	7.4	303	15
02/09/24 01:00	1	37	0	2	2	2	18.9	47	8.0	301	15
02/09/24 02:00	0	25					18.0	52	7.9	299	16
02/09/24 03:00	3	48	0	2	2	2	16.0	64	10.0	282	13
02/09/24 04:00	4	22				1	12.6	70	10.8	274	10
02/09/24 05:00	3	22	0	2	2	1	12.7	59	10.4	277	11
02/09/24 06:00	7	23	0	3	4	1	11.9	59	9.2	279	11
02/09/24 07:00	3	22	0	6	6	1	11.3	61	10.3	276	11
02/09/24 08:00	1	20	1	9	10	1	10.5	64	8.0	281	13
02/09/24 09:00	1	22	2	6	8	1	10.5	65	8.2	275	11
02/09/24 10:00	2	24	2	5	6	1	11.8	59	12.5	266	7
02/09/24 11:00	2	22	1	3	4	1	11.9	58	12.6	263	8
02/09/24 12:00	5	19	1	3	4	1	11.4	64	12.6	265	8
02/09/24 13:00	5	29	2	4	5	1	11.4	66	9.2	252	9
02/09/24 14:00	3	18	1	3	4	1	11.2	69	10.0	262	8
02/09/24 15:00	2	28	1	3	4	0	12.0	63	11.8	253	7
02/09/24 16:00	2	22	1	3	5	0	12.1	61	12.4	261	7
02/09/24 17:00	5	25	2	4	6	0	12.0	63	11.0	261	7
02/09/24 18:00	9	26	1	3	4	0	12.2	59	11.5	257	7
02/09/24 19:00	8	24	0	4	5	0	11.7	64	8.7	264	7
02/09/24 20:00	5	24	0	4	5	0	10.8	72	6.9	264	8
02/09/24 21:00	3	22	0	6	6	0	10.9	70	5.8	270	9
02/09/24 22:00	7	22	0	7	7	0	11.0	72	6.3	269	8
02/09/24 23:00	5	18	0	6	6	0	10.9	73	5.6	268	9
03/09/24 00:00	6	26	0	10	10	1	10.4	77	3.1	284	13
03/09/24 01:00	6	29	0	10	10	1	10.1	77	3.2	288	13
03/09/24 02:00	8	29					9.9	76	3.3	298	11
03/09/24 03:00	7	22	0	14	14	1	9.6	79	2.9	301	11
03/09/24 04:00	6	23	1	16	16	1	9.5	80	3.1	294	12
03/09/24 05:00	9	25	1	18	19	1	9.3	80	3.1	298	12
03/09/24 06:00	8	27	2	20	22	1	9.1	82	3.1	302	11
03/09/24 07:00	7	33	12	28	40	1	9.9	80	2.8	288	13
03/09/24 08:00	7	33	29	28	57	1	10.6	77	2.8	289	14
03/09/24 09:00	10	39	24	28	52	1	11.6	74	2.6	289	16
03/09/24 10:00	8	40	16	22	39	1	12.4	72	2.4	282	14
03/09/24 11:00	9	38	5	11	16	1	13.4	68	3.2	277	14
03/09/24 12:00	9	36	2	6	8	1	14.2	65	3.0	239	9
03/09/24 13:00	7	33	1	4	5	1	14.7	69	1.3	161	23
03/09/24 14:00	8	30	1	4	5	1	15.5	63	1.4	135	19
03/09/24 15:00	9	36	2	6	8	1	16.3	61	1.5	150	22
03/09/24 16:00	8	27	1	3	4	1	16.4	60	1.4	165	26
03/09/24 17:00	10	32	1	3	4	1	15.5	64	1.4	175	26
03/09/24 18:00	9	30	0	2	2	1	14.7	72	0.8	136	20
03/09/24 19:00	5	30	0	5	5	1	13.3	73	0.6	102	17
03/09/24 20:00	13	39	4	28	32	1	13.0	67	0.8	75	9
03/09/24 21:00	13	39	9	28	37	1	13.0	66	0.4	9	21
03/09/24 22:00	16	54	68	38	105	2	12.5	71	1.5	356	20
03/09/24 23:00	10	34	11	25	36	2	12.3	71	1.4	10	26
04/09/24 00:00	6	26	1	16	16	1	12.2	70	2.2	16	21
04/09/24 01:00	3	18	0	8	9	1	12.5	68	2.6	5	23
04/09/24 02:00	5	23					12.2	69	2.6	8	24
04/09/24 03:00	4	18	0	6	6	1	12.1	69	3.0	17	20
04/09/24 04:00	1	20	0	5	5	1	11.9	69	3.7	12	23
04/09/24 05:00	2	15	0	4	5	1	11.8	69	3.3	11	22
04/09/24 06:00	5	19	1	13	14	1	11.5	71	2.1	346	30
04/09/24 07:00	8	22	1	15	16	1	11.6	70	2.6	358	27
04/09/24 08:00	5	27	2	13	15	1	12.2	67	4.2	1	24
04/09/24 09:00	4	32	3	8	11	1	13.3	61	4.6	3	23
04/09/24 10:00	5	35	4	9	13	1	14.7	55	4.1	0	29
04/09/24 11:00	3	39	4	8	11	1	15.8	51	5.0	1	28
04/09/24 12:00	4	33	2	5	8	1	16.7	48	4.6	359	29
04/09/24 13:00	4	32	2	5	7	1	17.4	48	5.0	8	25
04/09/24 14:00	5	30	2	6	8	1	18.1	47	4.5	9	23
04/09/24 15:00	4	32	3	7	10	1	18.8	45	3.7	13	26
04/09/24 16:00	6	31	2	7	10	1	18.7	46	4.2	9	24
04/09/24 17:00	5	34	2	8	9	1	18.0	49	4.3	14	22
04/09/24 18:00	5	21	1	8	9	1	17.8	51	3.9	22	20
04/09/24 19:00	5	22	0	9	9	1	17.8	53	3.7	20	19
04/09/24 20:00	3	20	0	7	7	1	18.1	50	4.0	19	21
04/09/24 21:00	1	26	0	7	8	1	18.3	48	2.6	18	24
04/09/24 22:00	6	24	0	9	10	1	18.8	44	3.0	10	22
04/09/24 23:00	4	22	0	6	7	1	19.6	37	4.6	19	20
05/09/24 00:00	0	19	0	4	4	1	20.1	35	3.5	6	25
05/09/24 01:00	0	24	0	6	6	1	20.0	35	3.5	352	31
05/09/24 02:00	1	20					19.1	39	5.2	18	20
05/09/24 03:00	2	22	0	3	3	1	18.5	41	4.9	14	23
05/09/24 04:00	1	23	0	3	3	1	18.1	42	4.8	6	24
05/09/24 05:00	0	13	0	3	3	1	18.0	44	3.9	9	24
05/09/24 06:00	1	24	0	4	4	1	17.5	46	4.8	15	21
05/09/24 07:00	3	15	1	8	9	1	17.1	51	3.1	15	25
05/09/24 08:00	2	21	2	13	15	1	16.8	50	3.6	14	21
05/09/24 09:00	-2	26	4	13	17	1	17.9	42	4.7	11	22
05/09/24 10:00	-2	27	5	10	15	1	18.9	39	4.9	7	22

Station Pier Ambient Air Quality Monitoring											
September 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (µg/m³)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/09/24 11:00	0	21	4	11	14	1	18.7	41	4.7	4	23
05/09/24 12:00	3	24	2	10	13	1	19.0	40	4.3	8	24
05/09/24 13:00	3	22	2	11	14	1	19.4	42	3.3	335	28
05/09/24 14:00	1	23	3	11	14	1	18.8	48	3.1	331	31
05/09/24 15:00	2	17	3	13	15	1	17.8	56	3.7	356	27
05/09/24 16:00	3	18	2	15	17	1	17.1	60	3.6	10	22
05/09/24 17:00	6	23	2	16	18	1	18.0	56	3.8	22	19
05/09/24 18:00	6	21	1	16	17	1	18.2	56	3.5	25	17
05/09/24 19:00	6	23	1	17	17	1	17.7	61	2.3	39	17
05/09/24 20:00	10	24	1	20	21	1	17.6	62	1.2	31	20
05/09/24 21:00	8	31	13	29	42	1	17.4	63	1.0	354	29
05/09/24 22:00	8	37	4	27	31	1	17.2	64	0.7	18	29
05/09/24 23:00	11	27	1	21	22	1	16.6	70	0.5	107	27
06/09/24 00:00	9	22	0	19	19	1	15.0	80	1.1	149	27
06/09/24 01:00	10	23	1	18	19	1	16.4	72	1.2	43	27
06/09/24 02:00	7	31					20.3	53	2.0	11	26
06/09/24 03:00	4	26	0	5	5	1	21.0	46	2.9	4	25
06/09/24 04:00	4	27	0	5	5	2	21.3	41	3.5	7	25
06/09/24 05:00	4	25	0	4	4	1	21.2	39	4.9	10	21
06/09/24 06:00	2	23	0	6	7	1	21.3	37	3.8	354	32
06/09/24 07:00	3	31	0	7	8	2	21.5	35	3.9	344	32
06/09/24 08:00	6	37	1	9	9	2	21.3	35	4.0	333	32
06/09/24 09:00	6	39	1	9	10	2	20.9	37	3.8	337	34
06/09/24 10:00	3	30	2	8	10	2	21.0	39	4.1	331	30
06/09/24 11:00	2	25	4	12	16	2	21.9	40	3.3	318	27
06/09/24 12:00	5	32	4	8	12	2	23.8	39	2.7	334	29
06/09/24 13:00	5	24	4	8	12	2	19.8	58	2.1	195	15
06/09/24 14:00	9	25	2	6	8	2	17.0	75	3.3	195	10
06/09/24 15:00	6	14	5	12	18	2	17.9	73	4.9	249	8
06/09/24 16:00	4	26	11	23	34	2	19.4	65	1.9	305	19
06/09/24 17:00	5	20	12	18	31	3	17.4	79	3.2	238	19
06/09/24 18:00	6	10	1	7	8	2	15.9	83	5.6	240	6
06/09/24 19:00	4	13	1	8	9	2	16.3	74	5.1	248	6
06/09/24 20:00	2	12	1	6	6	2	14.9	78	7.7	237	6
06/09/24 21:00	2	14	0	6	6	2	14.2	77	3.6	256	10
06/09/24 22:00	3	15	0	7	7	2	14.2	78	3.8	255	9
06/09/24 23:00	6	22	0	7	8	2	14.1	80	3.6	255	10
07/09/24 00:00	6	24	0	7	7	2	14.0	80	3.6	256	8
07/09/24 01:00	5	25	0	7	8	1	13.8	80	3.5	263	7
07/09/24 02:00	2	18					13.5	82	2.1	274	10
07/09/24 03:00	4	20	0	11	11	1	13.0	82	1.4	306	14
07/09/24 04:00	5	23	0	13	13	1	12.5	82	2.1	312	10
07/09/24 05:00	4	20	1	19	19	1	11.9	83	1.2	331	22
07/09/24 06:00	4	20	5	27	32	1	11.2	83	1.2	334	20
07/09/24 07:00	5	19	10	28	38	1	10.7	81	1.6	338	23
07/09/24 08:00	6	20	12	25	37	1	11.2	74	1.7	330	25
07/09/24 09:00	5	12	8	13	21	2	12.9	67	2.2	309	17
07/09/24 10:00	2	17	4	7	12	2	14.7	59	2.7	291	16
07/09/24 11:00	0	14	1	3	4	1	15.9	49	2.8	282	18
07/09/24 12:00	-1	10	1	3	3	1	17.2	43	3.0	296	19
07/09/24 13:00	-2	8	1	2	3	1	17.7	40	3.8	280	15
07/09/24 14:00	-2	10	1	2	3	1	18.4	37	5.4	269	11
07/09/24 15:00	-2	11	1	2	3	1	18.5	39	6.5	272	11
07/09/24 16:00	1	9	1	3	3	1	18.6	42	5.1	278	11
07/09/24 17:00	0	7	1	4	5	1	18.7	41	4.2	286	14
07/09/24 18:00	0	10	0	3	4	1	18.5	43	3.0	296	17
07/09/24 19:00	0	14	0	4	4	1	17.5	50	3.3	281	14
07/09/24 20:00	1	14	0	6	7	1	17.0	54	1.9	280	16
07/09/24 21:00	1	15	0	6	7	0	14.3	82	2.8	243	10
07/09/24 22:00	3	14	3	25	28	1	14.1	83	0.3	287	17
07/09/24 23:00	4	13	1	19	19	1	14.5	78	1.7	271	16
08/09/24 00:00	0	12	0	7	7	1	14.7	67	2.7	290	14
08/09/24 01:00	0	13	1	16	17	2	14.1	70	2.0	312	16
08/09/24 02:00	2	13					13.7	66	2.4	310	14
08/09/24 03:00	7	15	9	23	32	2	13.0	68	1.5	332	28
08/09/24 04:00	6	15	5	23	28	2	12.6	70	1.4	325	29
08/09/24 05:00	4	10	4	20	23	2	12.3	71	1.6	328	29
08/09/24 06:00	3	14	4	21	25	3	12.2	71	2.2	322	23
08/09/24 07:00	1	16	4	20	25	3	12.0	71	2.8	318	22
08/09/24 08:00	4	16	3	14	17	3	12.1	70	3.0	321	24
08/09/24 09:00	3	13	2	7	10	3	13.6	64	3.5	319	23
08/09/24 10:00	1	12	2	5	6	3	15.2	59	3.9	315	21
08/09/24 11:00	3	12	1	3	3	2	15.9	54	4.4	299	16
08/09/24 12:00	3	9	0	2	3	2	16.8	52	4.6	300	18
08/09/24 13:00	2	13	1	4	5	2	16.9	55	5.1	304	17
08/09/24 14:00	1	14	1	4	5	2	17.3	54	4.8	304	18
08/09/24 15:00	2	13	1	3	4	2	18.0	50	4.8	303	17
08/09/24 16:00	3	12	1	4	5	2	17.9	52	4.7	303	16
08/09/24 17:00	1	17	0	3	4	2	17.6	58	4.2	295	15
08/09/24 18:00	2	18	0	6	7	2	15.3	77	5.9	276	12
08/09/24 19:00	2	10	0	6	6	2	14.9	80	4.6	292	13
08/09/24 20:00	-2	11	0	8	9	2	15.2	77	3.9	294	15
08/09/24 21:00	-2	11	0	6	7	2	15.0	77	3.1	298	15
08/09/24 22:00	3	10	0	5	5	2	15.6	69	4.1	288	15
08/09/24 23:00	4	13	0	6	6	2	14.8	67	4.8	278	12
09/09/24 00:00	4	15	0	6	7	2	13.8	68	3.8	290	13
09/09/24 01:00	2	20	0	6	6	2	13.6	67	2.8	307	14
09/09/24 02:00	1	7					13.9	64	2.3	313	19
09/09/24 03:00	1	11	0	8	9	2	13.8	66	2.9	295	16
09/09/24 04:00	1	11	0	4	4	2	13.6	68	2.6	297	16
09/09/24 05:00	2	12	0	7	7	2	13.4	70	4.0	285	14
09/09/24 06:00	1	21	0	12	12	2	12.8	72	4.8	276	12
09/09/24 07:00	4	24	2	19	21	2	11.8	73	2.9	300	14
09/09/24 08:00	7	29	9	24	33	2	12.3	67	2.7	305	14
09/09/24 09:00	5	24	9	17	26	2	13.6	61	2.6	298	18
09/09/24 10:00	6	20	3	9	12	2	13.8	66	5.9	268	11
09/09/24 11:00	2	12	2	7	9	2	14.4	66	5.8	272	11
09/09/24 12:00	-3	9	2	5	7	2	15.1	61	6.2	264	11
09/09/24 13:00	-2	9	2	6	8	2	15.5	60	5.7	260	11
09/09/24 14:00	-1	12	2	5	7	2	16.0	55	6.7	265	9
09/09/24 15:00	-1	11	1	5	7	2	16.4	52	6.1	273	11
09/09/24 16:00	0	13	1	6	7	2	16.7	52	6.1	269	10
09/09/24 17:00	0	12	1	6	7	2	16.0	65	5.3	247	8
09/09/24 18:00	0	15	1	6	7	2	15.9	65	6.3	245	7
09/09/24 19:00	1	9	0	3	3	2	14.8	72	4.3	237	5
09/09/24 20:00	2	15	1	13	14	2	14.6	71	3.6	244	6

Station Pier Ambient Air Quality Monitoring											
September 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 (°)
09/09/24 21:00	3	14	2	22	23	2	14.2	73	2.1	271	9
09/09/24 22:00	4	20	1	21	22	2	13.6	71	1.8	299	11
09/09/24 23:00	8	13	2	25	27	2	13.4	70	2.4	314	11
10/09/24 00:00	5	16	0	17	17	2	13.1	69	2.6	310	13
10/09/24 01:00	2	18	0	15	15	1	12.6	70	2.8	313	10
10/09/24 02:00	2	18					12.3	70	2.7	314	10
10/09/24 03:00	4	18	8	26	34	1	11.8	72	1.6	340	20
10/09/24 04:00	6	17	10	26	37	1	11.2	73	1.8	343	20
10/09/24 05:00	6	16	17	26	43	2	10.5	76	1.8	347	22
10/09/24 06:00	3	13	10	25	36	1	10.1	77	1.7	350	23
10/09/24 07:00	1	18	37	30	68	1	10.2	77	1.8	354	20
10/09/24 08:00	6	25	65	31	97	1	10.7	75	1.6	354	20
10/09/24 09:00	9	47	110	36	146	2	12.3	69	1.2	327	25
10/09/24 10:00	7	35	50	27	77	2	14.6	61	1.4	1	27
10/09/24 11:00	4	21	5	9	14	1	16.7	56	2.5	338	29
10/09/24 12:00	4	17	2	5	8	1	17.8	55	2.5	347	32
10/09/24 13:00	3	19	3	5	8	1	19.3	51	3.4	9	26
10/09/24 14:00	1	15	2	6	8	1	20.0	47	2.5	328	32
10/09/24 15:00	1	19	2	5	7	1	20.4	44	2.6	335	28
10/09/24 16:00	-1	21	2	7	9	1	20.6	44	2.6	350	28
10/09/24 17:00	1	16	2	10	12	1	20.4	46	2.2	360	29
10/09/24 18:00	2	13	1	11	12	1	19.6	50	2.4	335	29
10/09/24 19:00	3	21	1	18	19	1	18.6	52	1.5	332	32
10/09/24 20:00	4	22	4	27	31	1	17.5	56	1.3	331	33
10/09/24 21:00	4	22	4	25	29	1	16.8	60	1.1	323	27
10/09/24 22:00	3	31	22	31	53	2	16.0	63	0.9	326	31
10/09/24 23:00	1	24	7	26	34	2	15.4	65	1.1	339	29
11/09/24 00:00	2	22	2	18	20	1	15.3	66	1.8	5	23
11/09/24 01:00	3	21	0	10	10	2	15.4	67	2.0	2	23
11/09/24 02:00	10	25					14.8	69	2.3	8	19
11/09/24 03:00	10	27	0	9	9	2	14.9	68	2.4	5	20
11/09/24 04:00	10	23	0	8	8	2	14.6	68	1.9	356	25
11/09/24 05:00	5	16	0	11	11	2	14.2	69	1.6	355	27
11/09/24 06:00	2	19	0	13	13	2	14.3	68	2.6	3	23
11/09/24 07:00	0	22	1	15	16	2	15.0	64	2.1	342	23
11/09/24 08:00	1	26	7	23	31	2	15.2	66	1.8	287	18
11/09/24 09:00	2	25	8	21	28	2	16.1	62	2.2	293	20
11/09/24 10:00	2	23	6	16	23	2	16.9	60	2.2	295	18
11/09/24 11:00	2	26	4	9	12	2	18.6	54	3.1	314	22
11/09/24 12:00	3	17	3	8	11	2	17.2	62	1.5	251	27
11/09/24 13:00	4	21	7	11	18	2	15.2	76	3.1	199	10
11/09/24 14:00	5	16	7	16	23	2	15.5	75	3.0	195	9
11/09/24 15:00	6	30	6	14	20	2	14.9	85	1.4	161	26
11/09/24 16:00	6	21	5	8	13	2	14.8	85	2.6	184	15
11/09/24 17:00	6	23	4	7	12	2	14.5	89	3.2	194	11
11/09/24 18:00	3	14	7	15	21	2	14.3	90	4.3	193	9
11/09/24 19:00	4	22	5	9	14	2	13.8	89	4.8	186	12
11/09/24 20:00	3	27	0	1	1	2	13.1	88	5.1	185	13
11/09/24 21:00	6	25	0	1	1	2	13.3	83	4.8	189	11
11/09/24 22:00	6	35	0	2	2	2	13.1	74	6.4	190	9
11/09/24 23:00	6	34	0	2	2	2	13.0	69	6.0	186	11
12/09/24 00:00	5	30	0	1	1	2	12.9	69	6.1	187	10
12/09/24 01:00	5	42	0	0	0	2	12.6	69	4.9	183	14
12/09/24 02:00							12.6	69	4.1	176	17
12/09/24 03:00											
12/09/24 04:00											
12/09/24 05:00											
12/09/24 06:00											
12/09/24 07:00											
12/09/24 08:00											
12/09/24 09:00							13.5	58	2.5	163	25
12/09/24 10:00							14.0	55	2.5	167	21
12/09/24 11:00							13.8	56	3.9	185	11
12/09/24 12:00		19	0	2	2	2	13.9	58	4.5	190	9
12/09/24 13:00	0	20	4	5	9	2	14.0	60	5.0	191	7
12/09/24 14:00	0	21	3	3	5	2	14.4	59	5.3	189	8
12/09/24 15:00	-1	18	1	1	2	2	13.8	67	7.2	194	5
12/09/24 16:00	-2	19	1	1	2	2	13.7	62	7.3	194	4
12/09/24 17:00	0	20	1	2	3	2	14.0	61	4.9	190	8
12/09/24 18:00	3	19	0	1	1	2	13.9	63	2.9	179	14
12/09/24 19:00	3	13	0	0	0	2	13.1	68	2.1	163	23
12/09/24 20:00	2	13	0	1	1	2	13.2	70	2.0	171	19
12/09/24 21:00	2	17	0	2	2	2	13.3	73	2.0	182	13
12/09/24 22:00	-1	13	0	3	4	1	13.2	80	3.7	194	7
12/09/24 23:00	-4	10	0	4	4	2	13.0	76	5.2	229	6
13/09/24 00:00	0	10	2	17	18	2	12.6	73	3.6	246	8
13/09/24 01:00	3	15	2	13	15	2	12.3	75	4.0	249	7
13/09/24 02:00	3	16					12.0	77	3.1	246	9
13/09/24 03:00	3	13	3	18	21	2	11.9	79	3.5	250	9
13/09/24 04:00	2	17	3	16	19	2	12.0	80	4.1	249	9
13/09/24 05:00	1	13	1	9	10	2	11.7	82	2.0	270	15
13/09/24 06:00	1	15	1	17	18	2	11.6	83	2.3	253	13
13/09/24 07:00	2	16	4	21	25	2	11.9	82	2.9	240	9
13/09/24 08:00	4	15	11	22	33	3	12.4	80	3.0	247	10
13/09/24 09:00	4	14	3	8	11	2	12.7	80	5.3	236	7
13/09/24 10:00	1	13	1	3	4	2	13.2	78	3.7	224	8
13/09/24 11:00	-1	17	2	4	6	2	14.2	75	1.7	183	17
13/09/24 12:00	0	10	1	2	3	2	14.5	75	1.5	153	24
13/09/24 13:00	0	14	1	2	3	2	15.0	74	2.0	112	12
13/09/24 14:00	0	15	1	4	5	2	15.3	72	1.8	131	21
13/09/24 15:00	0	11	1	2	3	2	15.5	68	5.2	223	10
13/09/24 16:00	-1	14	0	1	1	2	15.3	68	6.9	222	5
13/09/24 17:00	1	9	1	5	6	2	15.2	65	7.0	236	7
13/09/24 18:00	2	14	2	9	12	2	15.1	63	6.4	254	8
13/09/24 19:00	2	14	1	9	11	2	15.0	61	4.8	264	10
13/09/24 20:00	1	16	1	9	10	2	14.7	62	3.7	258	11
13/09/24 21:00	3	13	1	9	10	2	14.1	68	5.4	244	8
13/09/24 22:00	3	19	1	8	8	2	13.5	66	2.6	272	12
13/09/24 23:00	4	23	0	11	11	2	12.8	68	2.2	297	14
14/09/24 00:00	4	19	0	11	11	2	12.3	69	1.8	309	15
14/09/24 01:00	2	19	0	11	11	1	12.2	67	2.1	305	12
14/09/24 02:00	3	19					12.3	71	2.2	263	11
14/09/24 03:00	3	16	1	9	9	2	12.4	78	4.8	240	7
14/09/24 04:00	0	10	1	9	10	1	11.9	85	5.4	241	8
14/09/24 05:00	-1	10	1	5	6	1	11.5	91	4.6	230	7
14/09/24 06:00	-1	15	0	1	1	0	11.1	93	8.0	220	5

Station Pier Ambient Air Quality Monitoring											
September 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 (°)
14/09/24 07:00	2	17	0	1	1	0	11.1	89	7.5	217	6
14/09/24 08:00	4	12	0	3	3	0	11.1	85	6.4	227	7
14/09/24 09:00	1	11	0	1	2	0	10.7	86	9.2	218	7
14/09/24 10:00	-1	18	0	1	1	1	10.6	79	9.1	210	5
14/09/24 11:00	-1	20	0	1	1	0	10.1	78	7.5	202	6
14/09/24 12:00	0	16	0	1	1	0	10.4	76	8.4	207	7
14/09/24 13:00	2	17	0	1	1	0	10.8	71	10.0	199	6
14/09/24 14:00	2	15	0	1	1	0	10.7	67	7.9	193	7
14/09/24 15:00	1	29	0	1	1	1	10.6	71	6.1	183	12
14/09/24 16:00	5	23	0	1	1	1	10.8	64	7.8	189	9
14/09/24 17:00	3	19	0	1	1	1	11.3	59	8.2	190	7
14/09/24 18:00	2	16	0	1	1	1	11.3	61	9.0	191	7
14/09/24 19:00	2	28	0	2	2	1	10.7	70	7.8	192	9
14/09/24 20:00	1	23	0	1	1	1	11.0	64	7.3	184	9
14/09/24 21:00	3	28	0	1	1	1	11.2	66	7.2	181	11
14/09/24 22:00	4	39	0	0	0	1	11.3	67	5.3	173	16
14/09/24 23:00	4	26	0	0	0	1	11.3	67	4.3	171	19
15/09/24 00:00	2	33	0	0	0	1	11.3	67	4.9	175	15
15/09/24 01:00	2	35	0	0	0	2	11.2	69	4.6	174	15
15/09/24 02:00	3	30					11.1	68	5.2	179	13
15/09/24 03:00	2	29	0	1	1	1	11.0	67	5.2	179	13
15/09/24 04:00	0	36	0	1	1	1	9.9	70	3.8	120	12
15/09/24 05:00	1	30	0	2	2	1	9.1	73	3.0	107	11
15/09/24 06:00	1	19	0	1	1	1	9.3	74	2.6	115	15
15/09/24 07:00	1	38	0	2	2	1	9.0	77	3.7	101	8
15/09/24 08:00	1	26	0	3	3	1	9.4	78	3.4	112	12
15/09/24 09:00	-1	14	1	2	3	1	10.9	68	3.4	112	12
15/09/24 10:00	-1	16	0	1	1	1	12.1	58	2.0	154	23
15/09/24 11:00	0	16	0	1	1	1	13.1	55	2.0	170	20
15/09/24 12:00	2	13	0	1	1	1	12.6	53	5.2	190	8
15/09/24 13:00	3	17	0	1	1	1	12.3	57	6.4	193	6
15/09/24 14:00	2	16	0	1	1	1	12.4	58	6.3	194	6
15/09/24 15:00	1	15	0	1	1	1	12.4	59	6.9	196	6
15/09/24 16:00	1	17	1	3	4	1	13.1	54	4.6	188	10
15/09/24 17:00	6	24	9	11	20	2	13.0	57	3.6	185	11
15/09/24 18:00	5	20	2	4	6	1	12.4	63	4.5	189	9
15/09/24 19:00	4	17	0	0	1	2	12.1	59	4.6	187	10
15/09/24 20:00	3	16	0	1	1	1	12.2	64	6.7	195	6
15/09/24 21:00	1	12	0	1	1	2	11.8	62	6.8	196	6
15/09/24 22:00	2	14	0	2	2	2	11.6	65	6.9	205	5
15/09/24 23:00	4	18	0	3	3	2	11.0	67	6.1	227	7
16/09/24 00:00	4	19	1	12	13	2	10.0	67	5.2	250	8
16/09/24 01:00	2	16	1	12	12	2	9.8	67	4.9	257	7
16/09/24 02:00	2	14					10.1	66	5.8	258	7
16/09/24 03:00	2	16	0	7	8	3	10.3	66	5.4	260	7
16/09/24 04:00	2	16	0	5	5	3	10.3	67	4.9	266	8
16/09/24 05:00	2	21	0	4	4	3	10.4	69	4.3	267	10
16/09/24 06:00	4	17	0	7	7	3	10.5	71	6.0	261	7
16/09/24 07:00	2	22	10	18	28	3	10.2	74	5.3	262	7
16/09/24 08:00	3	21	3	16	19	3	10.5	74	5.8	258	8
16/09/24 09:00	2	21	3	10	14	3	11.4	70	6.6	250	8
16/09/24 10:00	3	18	2	2	4	3	12.3	68	8.2	234	7
16/09/24 11:00	2	13	1	2	3	3	12.6	72	7.9	234	7
16/09/24 12:00	2	12	1	2	3	3	13.2	73	8.2	224	6
16/09/24 13:00	3	14				3	13.6	73	7.8	215	5
16/09/24 14:00	0	14	0	1	1	3	13.5	77	7.6	214	5
16/09/24 15:00	-1	9	1	2	3	1	13.2	81	6.7	222	5
16/09/24 16:00	-2	11	1	2	3	1	13.6	81	6.3	207	5
16/09/24 17:00	-2	11	1	1	2	1	13.5	80	7.4	197	4
16/09/24 18:00	1	14	1	3	3	1	13.2	84	7.3	202	5
16/09/24 19:00	1	11	0	3	3	1	13.0	82	7.0	209	5
16/09/24 20:00	1	10	0	1	1	1	12.8	85	6.7	217	4
16/09/24 21:00	0	9	0	1	1	1	12.6	87	6.3	228	5
16/09/24 22:00	-1	10	0	8	8	1	12.2	89	4.0	239	7
16/09/24 23:00	1	11	3	14	17	1	12.0	87	4.8	243	9
17/09/24 00:00	2	10	3	13	16	1	11.8	86	4.8	250	7
17/09/24 01:00	1	10	1	5	5	1	11.6	86	4.9	259	7
17/09/24 02:00	0	11					11.4	87	4.4	257	7
17/09/24 03:00	-2	12	0	4	4	1	11.3	85	4.3	263	8
17/09/24 04:00	1	12	0	5	5	1	11.3	83	3.8	267	11
17/09/24 05:00	2	8	1	8	9	1	11.2	84	5.9	255	7
17/09/24 06:00	-1	9	0	10	10	1	11.1	81	3.5	268	11
17/09/24 07:00	2	12	3	19	22	1	11.1	77	4.0	257	10
17/09/24 08:00	3	14	1	6	7	1	11.1	70	5.3	245	7
17/09/24 09:00	0	13	1	7	8	1	10.9	67	5.7	254	8
17/09/24 10:00	0	20	1	4	5	1	10.8	66	4.2	245	10
17/09/24 11:00	0	12	1	4	6	1	11.1	63	3.6	265	11
17/09/24 12:00	0	16	3	6	8	1	12.1	58	3.4	260	12
17/09/24 13:00	1	18	2	5	7	1	13.5	53	2.8	268	18
17/09/24 14:00	0	15	1	3	4	1	14.1	57	2.3	182	19
17/09/24 15:00	-1	19	2	4	6	1	14.4	59	4.7	192	10
17/09/24 16:00	1	15	2	3	5	1	14.6	59	4.2	190	9
17/09/24 17:00	3	14	1	1	2	1	14.2	61	2.8	132	15
17/09/24 18:00	2	10	0	2	2	1	13.9	63	2.4	127	15
17/09/24 19:00	1	25	0	4	4	1	13.4	68	2.2	100	8
17/09/24 20:00	3	23	2	19	21	0	12.8	65	1.2	61	8
17/09/24 21:00	6	32	17	33	50	1	12.3	65	0.8	4	13
17/09/24 22:00	12	36	17	32	49	1	12.2	64	1.1	327	34
17/09/24 23:00	9	34	21	33	55	1	11.9	61	1.3	329	35
18/09/24 00:00	5	26	8	26	34	1	11.5	57	1.5	334	30
18/09/24 01:00	0	26	1	20	21	2	11.5	55	1.8	352	27
18/09/24 02:00	-1	18					10.9	58	1.5	343	31
18/09/24 03:00	2	14	2	18	19	2	10.8	61	2.3	263	20
18/09/24 04:00	2	16	2	11	13	2	10.5	66	1.8	269	15
18/09/24 05:00	2	18	10	23	33	2	9.1	67	1.1	339	16
18/09/24 06:00	2	18	18	28	46	2	9.1	64	1.1	339	26
18/09/24 07:00	3	19	39	31	70	2	9.0	61	1.3	351	27
18/09/24 08:00	1	19	26	26	52	2	10.8	54	2.2	352	26
18/09/24 09:00	0	24	19	20	39	2	12.8	47	2.4	354	27
18/09/24 10:00	3	22	7	11	18	2	14.9	41	2.5	349	30
18/09/24 11:00	2	21	4	6	10	2	16.9	35	3.0	298	22
18/09/24 12:00	1	32	2	5	8	2	18.2	29	6.8	278	13
18/09/24 13:00	1	44	2	5	8	2	18.4	31	8.6	272	11
18/09/24 14:00	0	28	2	5	6	2	19.2	30	8.0	274	11
18/09/24 15:00	-1	20	2	4	6	2	19.4	31	7.0	274	12
18/09/24 16:00	-1	21	1	4	6	2	19.9	31	7.1	275	12

Station Pier Ambient Air Quality Monitoring											
September 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 (°)
18/09/24 17:00	4	27	1	6	7	2	19.9	34	6.9	276	12
18/09/24 18:00	3	23	1	8	8	2	19.7	36	6.5	275	12
18/09/24 19:00	2	29	1	15	15	2	19.1	39	4.2	277	12
18/09/24 20:00	4	24	1	17	17	2	18.5	41	3.3	273	11
18/09/24 21:00	7	16	1	3	3	2	14.4	78	7.7	222	5
18/09/24 22:00	5	16	0	3	4	2	13.9	80	4.4	236	7
18/09/24 23:00	3	10	0	7	7	2	14.3	71	6.2	260	8
19/09/24 00:00	1	14	0	6	6	2	13.8	75	6.3	263	9
19/09/24 01:00	-2	7	0	7	7	1	13.0	83	5.7	259	7
19/09/24 02:00	-1	6					12.3	84	4.7	251	9
19/09/24 03:00	-1	5	0	7	8	1	12.2	78	4.3	262	8
19/09/24 04:00	0	6	0	8	8	1	12.0	79	4.7	263	8
19/09/24 05:00	1	7	0	5	6	1	11.9	78	3.8	274	12
19/09/24 06:00	2	9	0	12	13	1	11.7	77	3.0	281	15
19/09/24 07:00	5	10	2	22	25	1	11.7	77	3.5	281	14
19/09/24 08:00	3	17	4	17	21	1	11.9	75	2.6	287	16
19/09/24 09:00	0	13	4	10	15	1	13.0	66	4.5	274	13
19/09/24 10:00	-1	14	2	7	9	1	13.4	63	5.4	270	12
19/09/24 11:00	1	16	3	6	9	1	13.5	64	7.3	267	10
19/09/24 12:00	0	15	2	4	6	1	14.4	54	8.1	263	9
19/09/24 13:00	-2	16	2	5	6	1	15.0	52	7.8	271	11
19/09/24 14:00	-1	11	1	3	5	1	14.8	60	8.4	260	9
19/09/24 15:00	-3	22	2	4	6	1	15.8	53	8.4	261	11
19/09/24 16:00	-2	20	2	6	8	1	14.9	62	6.9	269	12
19/09/24 17:00	0	16	1	5	6	0	14.8	60	8.7	264	8
19/09/24 18:00	2	12	1	6	8	1	15.3	59	6.6	268	11
19/09/24 19:00	2	16	1	5	6	1	13.3	74	8.7	256	7
19/09/24 20:00	3	9	0	6	6	1	12.6	79	5.5	268	9
19/09/24 21:00	5	14	1	16	17	1	12.6	74	3.2	286	14
19/09/24 22:00	6	14	0	11	11	1	12.5	72	2.6	279	13
19/09/24 23:00	5	17	0	11	12	1	12.2	72	2.1	295	14
20/09/24 00:00	3	16	0	9	9	1	11.8	77	3.3	268	13
20/09/24 01:00	3	21	0	10	10	2	11.5	76	2.9	302	10
20/09/24 02:00	4	18					11.5	71	3.3	304	12
20/09/24 03:00	6	22	0	4	5	1	11.5	71	3.3	298	13
20/09/24 04:00	6	23	1	12	13	1	11.1	72	3.0	304	12
20/09/24 05:00	6	21	1	8	9	1	10.8	70	2.5	306	15
20/09/24 06:00	5	24	0	11	11	1	10.9	69	3.2	304	11
20/09/24 07:00	8	26	8	23	31	1	11.0	68	2.7	306	15
20/09/24 08:00	9	35	21	27	48	2	11.6	67	1.7	313	25
20/09/24 09:00	6	21	13	21	34	2	12.5	64	2.7	300	21
20/09/24 10:00	4	16	4	9	13	2	13.8	62	4.8	280	14
20/09/24 11:00	2	12	3	7	10	2	14.7	59	4.8	281	14
20/09/24 12:00	-1	11	2	6	9	2	15.2	56	4.8	277	14
20/09/24 13:00	-2	8	3	6	9	2	15.9	56	5.4	274	13
20/09/24 14:00	-2	16	2	5	7	2	17.1	50	5.8	281	15
20/09/24 15:00	-2	16	2	6	8	2	17.6	48	5.0	285	15
20/09/24 16:00	-4	13	1	6	7	2	16.3	60	5.3	251	10
20/09/24 17:00	-1	13	3	12	15	2	14.6	73	5.0	245	11
20/09/24 18:00	0	14	2	12	14	2	14.3	72	4.1	258	13
20/09/24 19:00	4	22	1	12	13	2	12.4	83	6.5	266	10
20/09/24 20:00	3	6	1	11	11	2	13.1	78	3.4	289	13
20/09/24 21:00	2	9	1	9	10	2	13.2	74	4.4	286	14
20/09/24 22:00	5	19	1	13	13	2	13.2	71	3.7	284	15
20/09/24 23:00	3	16	1	7	7	2	13.1	69	3.3	294	16
21/09/24 00:00	0	11	0	5	6	2	13.2	66	4.4	283	14
21/09/24 01:00	2	14	0	6	6	2	12.9	70	4.4	280	14
21/09/24 02:00	0	12					12.8	72	4.8	276	13
21/09/24 03:00	1	13	0	8	8	2	12.5	72	4.1	282	13
21/09/24 04:00	4	17	0	10	10	2	12.1	73	3.6	287	14
21/09/24 05:00	2	15	0	8	9	2	12.3	72	4.4	278	12
21/09/24 06:00	2	16	0	10	11	2	12.1	72	3.5	282	14
21/09/24 07:00	3	14	0	10	10	2	12.1	73	3.6	286	14
21/09/24 08:00	2	13	1	8	8	2	12.1	73	3.4	289	14
21/09/24 09:00	3	12	1	5	6	2	12.6	72	3.4	289	16
21/09/24 10:00	3	13	1	4	5	2	13.5	67	3.8	286	17
21/09/24 11:00	3	15	1	4	5	2	14.4	61	4.9	276	14
21/09/24 12:00	2	12	1	4	5	2	14.4	59	6.9	265	10
21/09/24 13:00	3	11	1	4	5	2	15.6	54	6.0	270	11
21/09/24 14:00	4	8	1	3	4	2	16.3	51	5.7	273	13
21/09/24 15:00	2	12	1	3	4	2	17.1	48	5.6	271	12
21/09/24 16:00	1	10	1	4	5	2	17.5	47	4.3	276	13
21/09/24 17:00	0	6	1	5	6	2	16.5	61	4.8	246	7
21/09/24 18:00	-1	10	1	7	7	2	17.1	55	4.6	266	11
21/09/24 19:00	3	9	0	7	8	2	15.3	70	4.6	264	11
21/09/24 20:00	2	6	0	7	7	2	15.3	71	3.7	273	13
21/09/24 21:00	0	6	0	7	7	2	15.0	70	3.6	285	14
21/09/24 22:00	3	7	0	4	5	2	14.8	70	3.4	291	15
21/09/24 23:00	2	7	0	6	6	2	14.4	72	2.4	293	15
22/09/24 00:00	0	10	0	10	11	2	14.2	72	2.1	295	14
22/09/24 01:00	0	17	0	11	11	1	13.9	76	2.0	304	19
22/09/24 02:00	-1	11					13.9	73	2.9	290	16
22/09/24 03:00	0	8	0	2	2	1	13.4	69	3.1	290	14
22/09/24 04:00	0	8	0	7	7	1	13.2	67	1.8	312	25
22/09/24 05:00	-2	9	0	8	8	1	13.1	69	1.6	314	25
22/09/24 06:00	-1	8	0	8	8	1	12.7	71	1.8	313	21
22/09/24 07:00	0	11	1	15	15	1	12.5	74	1.4	325	28
22/09/24 08:00	-1	8	2	11	13	1	13.2	72	1.6	333	29
22/09/24 09:00	0	11	4	7	10	2	14.8	66	4.2	281	16
22/09/24 10:00	-2	10	1	3	4	2	15.7	62	5.7	275	12
22/09/24 11:00	-4	10	1	2	3	1	16.5	57	6.9	271	11
22/09/24 12:00	-3	8	1	2	3	1	17.3	55	6.6	269	11
22/09/24 13:00	-3	9	1	2	3	1	18.1	51	6.8	272	13
22/09/24 14:00	-4	10	1	2	3	1	18.5	47	7.1	269	11
22/09/24 15:00	-3	11	1	2	3	1	18.7	48	6.8	259	8
22/09/24 16:00	-2	7	1	3	4	1	19.4	46	5.4	270	11
22/09/24 17:00	-1	12	1	4	4	1	19.5	46	5.8	272	11
22/09/24 18:00	0	8	1	6	7	1	19.4	46	3.5	282	14
22/09/24 19:00	0	9	1	14	15	1	19.1	47	2.4	295	14
22/09/24 20:00	-1	9	2	19	21	2	18.7	50	2.4	299	14
22/09/24 21:00	0	11	1	11	11	1	18.3	56	2.6	292	15
22/09/24 22:00	1	12	1	11	12	2	17.9	61	2.3	292	14
22/09/24 23:00	2	10	0	9	9	1	16.9	68	1.4	314	25
23/09/24 00:00	2	10	1	19	20	1	16.4	68	2.0	305	18
23/09/24 01:00	3	11	1	16	18	2	15.8	68	2.4	309	19
23/09/24 02:00	3	10					14.8	72	1.5	325	26

Station Pier Ambient Air Quality Monitoring											
September 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 (°)
23/09/24 03:00	1	7	1	15	16	1	14.1	73	1.1	338	28
23/09/24 04:00	1	10	4	22	27	1	13.9	72	1.5	315	24
23/09/24 05:00	1	6	8	20	28	1	13.3	74	1.3	333	29
23/09/24 06:00	2	9	1	17	18	1	12.9	74	1.8	3	25
23/09/24 07:00	2	12	11	26	37	0	12.8	74	1.9	358	25
23/09/24 08:00	4	20	11	17	28	1	14.0	69	2.3	5	24
23/09/24 09:00	3	9	7	11	18	1	15.4	64	2.5	1	26
23/09/24 10:00	0	18	5	10	15	1	16.4	60	3.6	289	18
23/09/24 11:00	-1	15	2	5	7	1	17.4	55	4.8	279	15
23/09/24 12:00	-1	16	2	5	7	0	17.7	54	3.9	281	16
23/09/24 13:00	-3	15	2	8	9	0	18.0	54	3.2	285	15
23/09/24 14:00	-1	14	1	8	10	0	18.2	55	3.5	283	15
23/09/24 15:00	3	18	2	10	12	0	18.5	55	2.8	290	16
23/09/24 16:00	3	10	2	8	10	0	18.6	55	2.4	291	16
23/09/24 17:00	3	17	2	13	15	0	18.8	55	2.0	291	20
23/09/24 18:00	4	19	2	11	13	1	16.2	77	1.6	175	26
23/09/24 19:00	2	11	0	2	2	1	14.0	93	2.0	129	18
23/09/24 20:00	-1	16	0	3	3	0	14.0	92	2.2	136	16
23/09/24 21:00	3	14	0	2	2	0	14.0	92	1.2	155	25
23/09/24 22:00	2	14	0	2	2	0	13.9	92	1.5	144	24
23/09/24 23:00	-1	17	0	2	2	1	13.5	94	1.0	155	22
24/09/24 00:00	-2	11	0	2	2	1	13.3	96	0.6	162	24
24/09/24 01:00	0	17	0	5	5	1	12.9	97	0.7	148	18
24/09/24 02:00	3	9					12.6	96	0.4	6	17
24/09/24 03:00	7	38	42	25	67	1	12.3	96	1.0	330	20
24/09/24 04:00	12	29	25	24	49	1	12.2	98	0.7	356	28
24/09/24 05:00	10	29	22	22	45	1	12.0	97	0.5	327	32
24/09/24 06:00	8	24	25	22	47	2	11.8	96	0.6	31	22
24/09/24 07:00	6	18	13	21	33	2	12.7	85	1.2	18	21
24/09/24 08:00	3	24	28	24	52	2	14.4	73	1.4	353	27
24/09/24 09:00	4	24	25	24	49	2	16.5	63	2.4	358	26
24/09/24 10:00	4	35	8	16	25	2	18.5	53	3.4	359	25
24/09/24 11:00	5	34	6	13	19	2	20.1	50	2.6	360	30
24/09/24 12:00	4	24	5	11	16	2	21.8	44	2.5	339	33
24/09/24 13:00	3	17	3	5	8	2	23.5	39	3.0	327	29
24/09/24 14:00	-1	21	3	7	10	2	24.8	34	2.6	326	27
24/09/24 15:00	-2	27	2	5	7	1	21.4	48	1.8	213	26
24/09/24 16:00	4	24	2	8	10	2	18.4	66	1.7	121	15
24/09/24 17:00	3	19	1	7	8	2	19.2	60	1.1	117	18
24/09/24 18:00	4	22	1	7	7	2	18.9	62	0.7	121	25
24/09/24 19:00	4	19	0	7	7	2	17.9	68	0.8	159	30
24/09/24 20:00	2	24	0	8	9	2	17.8	69	2.6	189	14
24/09/24 21:00	3	25	0	9	9	1	16.8	78	1.1	131	26
24/09/24 22:00	6	24	0	7	7	1	16.4	82	0.3	147	40
24/09/24 23:00	7	28	2	15	18	1	16.8	80	0.5	250	12
25/09/24 00:00	10	28	1	20	21	1	16.3	82	1.0	284	20
25/09/24 01:00	11	46	22	29	51	2	16.7	78	1.4	334	22
25/09/24 02:00	9	30					16.9	74	1.3	302	18
25/09/24 03:00	7	24	3	13	16	2	15.6	82	1.6	232	13
25/09/24 04:00	7	20	1	9	10	2	15.2	85	3.1	226	7
25/09/24 05:00	3	11	0	3	3	2	14.7	90	3.0	223	4
25/09/24 06:00	-1	12	0	2	2	2	14.6	91	1.7	238	7
25/09/24 07:00	0	12	0	3	3	2	14.5	91	0.3	213	29
25/09/24 08:00	0	15	1	11	13	1	14.6	91	0.2	307	22
25/09/24 09:00	3	15	8	18	25	2	14.5	92	1.7	233	11
25/09/24 10:00	3	17	2	7	9	2	13.5	95	5.2	206	5
25/09/24 11:00	3	19	2	4	6	2	12.5	92	5.8	181	12
25/09/24 12:00	3	27	1	4	5	2	12.1	91	4.3	179	13
25/09/24 13:00	1	22	1	2	3	2	12.1	87	3.3	179	14
25/09/24 14:00	5	22	0	1	1	2	12.6	80	2.2	162	24
25/09/24 15:00	5	16	1	1	2	2	12.9	79	1.5	162	24
25/09/24 16:00	6	26	0	1	1	2	13.1	79	1.2	184	18
25/09/24 17:00	9	26	0	4	4	2	12.6	82	2.0	194	11
25/09/24 18:00	9	25	2	7	9	2	12.8	77	3.4	176	16
25/09/24 19:00	9	23	11	15	26	2	12.6	74	5.1	185	11
25/09/24 20:00	6	22	0	0	1	2	12.4	78	3.6	166	15
25/09/24 21:00	3	32	0	1	1	2	12.8	74	3.1	160	26
25/09/24 22:00	2	37	0	0	0	2	12.8	70	4.0	163	22
25/09/24 23:00	3	43	0	0	0	2	12.5	67	4.7	165	22
26/09/24 00:00	5	41	0	0	0	2	12.3	66	4.1	164	25
26/09/24 01:00	5	33	0	0	0	2	12.1	65	4.6	165	20
26/09/24 02:00	6	44					12.0	65	4.8	175	15
26/09/24 03:00	6	41	0	0	0	2	12.0	64	4.4	175	15
26/09/24 04:00	5	34	0	0	0	2	12.0	65	5.8	180	12
26/09/24 05:00	5	34	0	0	0	2	11.9	61	4.4	169	17
26/09/24 06:00	3	27	0	1	1	2	11.9	60	5.8	182	11
26/09/24 07:00	2	20	0	1	1	2	12.0	57	7.0	185	8
26/09/24 08:00	2	31	0	1	1	2	12.3	63	4.8	172	17
26/09/24 09:00	2	27	0	1	1	2	12.4	63	5.4	181	11
26/09/24 10:00	7	47	1	1	1	2	13.1	58	4.4	176	15
26/09/24 11:00	6	40	1	1	2	2	13.5	61	4.5	178	13
26/09/24 12:00	2	31	0	1	2	2	13.4	59	5.2	184	10
26/09/24 13:00	2	24	1	2	3	2	13.2	61	6.3	193	7
26/09/24 14:00	1	32	1	2	3	2	13.1	62	5.7	192	8
26/09/24 15:00	1	28	1	2	3	2	13.3	60	5.0	188	10
26/09/24 16:00	2	23	1	2	2	2	12.9	60	5.7	190	7
26/09/24 17:00	1	23	2	3	5	2	13.1	56	4.5	188	9
26/09/24 18:00	4	22	2	4	6	2	13.3	58	3.8	184	12
26/09/24 19:00	5	31	2	4	7	2	12.4	64	5.0	190	8
26/09/24 20:00	4	22	1	2	3	2	12.2	67	3.2	159	18
26/09/24 21:00	4	23	0	1	2	2	11.9	68	3.0	124	15
26/09/24 22:00	5	45	0	10	10	2	11.4	67	2.7	102	8
26/09/24 23:00	6	41	0	11	11	2	11.2	68	2.3	102	9
27/09/24 00:00	5	31	0	13	13	2	11.1	67	1.5	95	13
27/09/24 01:00	7	29	1	16	17	2	11.0	63	1.6	57	12
27/09/24 02:00	5	26					11.0	61	1.3	50	11
27/09/24 03:00	2	23	0	12	12	2	11.2	60	1.3	51	10
27/09/24 04:00	5	24	0	8	9	2	11.2	61	0.9	42	13
27/09/24 05:00	6	28	8	23	32	2	10.9	71	0.9	284	16
27/09/24 06:00	6	29	12	25	37	2	10.5	72	0.8	307	18
27/09/24 07:00	7	21	16	23	39	2	10.4	72	0.7	290	17
27/09/24 08:00	10	19	20	21	41	2	11.4	66	0.5	226	13
27/09/24 09:00	6	21	9	14	23	3	13.0	57	0.6	202	17
27/09/24 10:00	3	17	5	8	13	2	12.7	62	2.0	200	7
27/09/24 11:00	1	14	2	3	4	2	12.7	62	3.2	200	5
27/09/24 12:00	-1	17	1	2	3	2	13.0	61	3.5	201	6

Station Pier Ambient Air Quality Monitoring											
September 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 (°)
27/09/24 13:00	1	12	1	1	2	2	13.3	64	4.4	199	4
27/09/24 14:00	3	15	1	3	4	2	13.7	64	4.8	202	4
27/09/24 15:00	3	16	0	1	1	2	14.1	66	5.0	197	3
27/09/24 16:00	2	19	1	2	3	2	15.1	64	3.7	191	9
27/09/24 17:00	3	21	1	8	10	2	15.6	64	2.9	182	14
27/09/24 18:00	2	25	2	8	10	2	15.3	69	2.5	184	13
27/09/24 19:00	5	26	2	13	15	2	14.5	76	1.9	176	15
27/09/24 20:00	4	18	0	4	4	2	14.2	71	3.7	110	9
27/09/24 21:00	7	26	0	7	7	2	13.2	72	1.8	101	9
27/09/24 22:00	9	21	1	14	14	2	12.7	73	1.0	75	11
27/09/24 23:00	11	25	8	22	30	2	12.3	76	0.4	14	12
28/09/24 00:00	17	43	40	31	71	2	11.4	80	1.2	346	19
28/09/24 01:00	11	40	25	29	54	2	10.6	80	1.4	336	21
28/09/24 02:00	12	34					10.2	82	0.8	352	19
28/09/24 03:00	11	30	25	28	53	1	9.8	83	0.8	337	20
28/09/24 04:00	9	26	14	24	39	1	9.2	84	0.6	15	26
28/09/24 05:00	6	22	2	15	17	1	10.2	74	1.1	17	31
28/09/24 06:00	5	19	1	10	11	1	11.8	63	2.4	16	21
28/09/24 07:00	5	16	1	9	10	1	11.5	64	1.7	1	27
28/09/24 08:00	4	18	3	10	13	1	12.7	61	2.0	349	30
28/09/24 09:00	1	19	4	6	10	1	15.6	52	2.8	355	30
28/09/24 10:00	0	19	2	4	6	1	17.0	47	4.6	360	23
28/09/24 11:00	-1	19	2	4	5	1	18.4	44	4.1	358	26
28/09/24 12:00	0	17	1	3	5	1	19.5	41	3.6	341	30
28/09/24 13:00	-1	14	1	3	4	1	20.5	39	4.6	14	23
28/09/24 14:00	0	19	1	3	4	1	21.5	36	4.1	7	27
28/09/24 15:00	-1	14	1	3	4	1	22.2	32	4.3	1	24
28/09/24 16:00	-2	13	1	3	3	1	22.5	35	3.0	1	29
28/09/24 17:00	1	10	1	3	4	1	22.6	35	3.0	8	25
28/09/24 18:00	0	16	1	4	5	1	21.8	38	2.9	20	19
28/09/24 19:00	-2	11	0	6	6	1	21.0	41	2.8	25	19
28/09/24 20:00	1	14	1	6	7	1	20.3	43	3.6	31	16
28/09/24 21:00	1	10	0	7	7	1	19.5	47	2.0	11	27
28/09/24 22:00	0	11	1	7	8	1	18.8	50	2.8	13	21
28/09/24 23:00	0	11	1	5	5	1	18.7	53	3.6	10	21
29/09/24 00:00	2	8	0	4	5	1	18.5	54	3.9	3	24
29/09/24 01:00	1	12	0	4	4	1	18.7	52	3.9	356	24
29/09/24 02:00	0	13					18.7	53	5.1	5	22
29/09/24 03:00	1	12	0	3	3	1	18.4	55	3.7	357	29
29/09/24 04:00	3	14	0	3	3	1	18.3	54	4.0	354	31
29/09/24 05:00	2	14	0	3	3	1	18.2	53	3.3	346	32
29/09/24 06:00	2	16	0	3	4	1	18.0	53	3.5	344	33
29/09/24 07:00	1	13	0	5	5	1	17.3	57	3.0	329	32
29/09/24 08:00	-1	20	0	4	4	1	17.2	57	3.7	343	31
29/09/24 09:00	2	19	0	4	4	1	16.7	59	3.9	345	27
29/09/24 10:00	1	14	0	5	5	1	16.3	64	3.5	354	29
29/09/24 11:00	1	9	1	5	6	1	15.0	78	2.6	7	24
29/09/24 12:00	5	8	2	9	11	1	14.5	86	1.7	7	26
29/09/24 13:00	2	8	2	7	10	1	14.8	88	1.8	18	20
29/09/24 14:00	-1	9	2	7	9	1	15.6	83	2.1	11	20
29/09/24 15:00	0	7	2	7	9	1	16.0	79	2.1	12	23
29/09/24 16:00	-1	5	2	6	8	1	17.2	73	2.9	9	20
29/09/24 17:00	-3	9	2	4	6	1	18.3	64	2.4	12	24
29/09/24 18:00	1	10	1	7	8	1	17.1	70	2.0	346	22
29/09/24 19:00	1	14	1	12	13	1	16.4	74	1.4	321	22
29/09/24 20:00	3	15	0	11	12	1	15.6	76	1.4	262	9
29/09/24 21:00	4	16	1	15	16	1	14.7	81	1.3	270	11
29/09/24 22:00	7	7	4	18	22	1	14.5	82	3.3	245	7
29/09/24 23:00	6	24	2	16	19	1	13.7	85	3.2	245	6
30/09/24 00:00	5	27	2	16	18	2	13.3	76	3.4	252	7
30/09/24 01:00	5	29	1	10	10	2	12.5	78	1.3	290	11
30/09/24 02:00	6	32					11.5	82	1.5	338	18
30/09/24 03:00	6	26	2	19	21	1	11.1	83	1.3	338	23
30/09/24 04:00	7	26	6	24	30	1	10.5	83	1.4	349	20
30/09/24 05:00	7	21	6	21	28	1	10.1	83	1.2	4	18
30/09/24 06:00	5	20	16	23	39	1	10.2	80	1.3	350	20
30/09/24 07:00	6	24	16	23	39	1	10.7	76	1.5	2	18
30/09/24 08:00	5	21	19	20	39	1	12.6	67	1.6	359	22
30/09/24 09:00	5	24	20	18	38	2	14.2	63	1.8	298	24
30/09/24 10:00	1	17	4	5	9	2	15.5	64	4.4	255	11
30/09/24 11:00	0	23	2	4	6	2	16.1	67	2.9	199	13
30/09/24 12:00	6	22	2	3	4	1	16.1	69	2.0	134	16
30/09/24 13:00	6	17	0	1	1	1	16.7	66	1.9	116	15
30/09/24 14:00	4	19	1	2	2	1	17.5	62	1.5	151	25
30/09/24 15:00	1	15	1	2	3	1	18.1	59	1.9	151	20
30/09/24 16:00	3	16	6	8	14	1	17.9	62	2.4	182	15
30/09/24 17:00	3	13	0	2	2	1	18.2	62	1.4	161	19
30/09/24 18:00	3	16	1	3	4	1	17.2	68	3.2	198	9
30/09/24 19:00	7	19	0	2	2	1	15.9	77	1.6	136	19
30/09/24 20:00	5	21	0	4	4	1	15.4	76	0.8	107	22
30/09/24 21:00	4	19	0	12	13	1	14.9	79	0.3	89	26
30/09/24 22:00	7	27	25	29	54	1	14.5	80	1.2	270	14
30/09/24 23:00	7	21	3	19	21	1	14.5	84	3.5	244	6
01/10/24 00:00	5	27	6	26	32	1	13.8	85	1.3	279	15

Station Pier Ambient Air Quality Monitoring

September 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 (°)
9/1/2024	0	16	0	4	4	1	17.7	56	4.8	311	22
9/2/2024	4	25	1	5	5	1	12.3	64	9.1	270	10
9/3/2024	9	33	8	16	24	1	12.5	72	1.2	289	17
9/4/2024	4	26	1	8	9	1	15.7	55	3.7	9	24
9/5/2024	3	23	2	13	15	1	17.9	51	3.1	9	24
9/6/2024	5	24	2	9	11	2	18.6	59	2.1	290	19
9/7/2024	2	15	2	10	13	1	15.0	63	2.6	285	15
9/8/2024	2	13	2	9	11	2	14.8	65	3.5	301	18
9/9/2024	2	15	2	11	13	2	14.3	66	3.8	273	12
9/10/2024	3	21	16	19	35	1	15.4	62	1.9	341	25
9/11/2024	5	24	3	10	13	2	14.8	73	1.5	209	17
9/12/2024	1	18	1	3	4	2	13.5	66	3.9	192	11
9/13/2024	2	15	2	9	11	2	13.5	73	3.1	242	11
9/14/2024	2	20	0	2	2	1	11.2	74	6.2	203	9
9/15/2024	2	21	1	2	3	1	11.4	64	3.8	182	10
9/16/2024	1	14	1	6	8	2	11.9	76	5.8	233	6
9/17/2024	2	17	4	11	14	1	12.2	68	2.3	247	13
9/18/2024	2	22	6	12	18	2	14.8	51	3.7	276	17
9/19/2024	1	13	1	8	10	1	13.2	70	5.3	267	11
9/20/2024	3	17	3	11	14	2	13.3	67	3.8	282	14
9/21/2024	2	11	1	6	7	2	14.3	66	4.2	276	13
9/22/2024	-1	10	1	8	9	1	16.3	60	3.5	281	16
9/23/2024	1	13	3	10	13	1	15.4	72	1.2	298	21
9/24/2024	5	24	9	14	23	1	16.9	71	0.5	349	24
9/25/2024	5	24	2	6	8	2	13.6	82	2.4	187	16
9/26/2024	4	31	1	3	3	2	12.4	62	4.3	176	12
9/27/2024	5	22	6	12	18	2	12.7	67	1.2	183	11
9/28/2024	3	18	4	8	12	1	16.9	53	2.7	6	24
9/29/2024	2	13	1	8	9	1	16.4	69	2.2	342	22
9/30/2024	5	21	6	12	18	1	14.4	73	0.5	227	17

Valid Data Exception Table

September 2024

GHD Station Pier

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/09/24 00:00	01/10/24 00:00	Static offset of +1.2 ppb applied to correct SO ₂ baseline	SO ₂	AA	14/10/24
01/09/24 01:00	30/09/24 01:55	Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation	NO, NO ₂ , NO _x , SO ₂	AA	14/10/24
01/09/24 23:45	30/09/24 23:50	Automatic background checks from 23:45 to 23:50 every night	SO ₂	AA	14/10/24
02/09/24 02:00	20/09/24 00:55	Linear offsets of A= 0ppb; B = +0.5ppb and A= 0ppb; B = +1.0ppb applied to correct baseline drift	SO ₂	AA	15/10/24
02/09/24 02:45	16/09/24 12:55	Intermittent power interruption followed by instrument stabilisation	All parameters	AA	14/10/24
12/09/24 08:00	12/09/24 11:30	Scheduled 3 monthly maintenance - Swapped out the wind sensor (OUT:19-0804, IN:21-1019)	NO, NO ₂ , NO _x , SO ₂ , WS, WD, Sigma, PM _{2.5} , PM ₁₀	AA	14/10/24
14/09/24 05:25	25/09/24 19:00	Intermittent unrealistic negative reading	NO, NO ₂ , NO _x	AA	14/10/24

Kunak VIC 6

Start Date	End Date	Reason	Change Details	User Name	Change Date
03/09/24 20:15	28/09/24 16:45	Intermittent instrument fault - Data transmission error	NO ₂ , O ₃ , SO ₂ , PM _{2.5} , PM ₁₀	AA	14/10/24

Kunak VIC 7- 40 Beacon Vista

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/09/24 00:00	01/10/24 00:00	No data affected for the reporting month	Nil	AA	14/10/24

Kunak VIC 8 - Site 2

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/09/24 00:00	01/10/24 00:00	Sensor powered up in workshop after repair, testing before data collection begins	Nil	AA	14/10/24

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



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