



Station Pier Air Quality Monitoring Program



**Air Quality Monitoring Report – June
2024**

Ports Victoria

16 September 2024

→ **The Power of Commitment**



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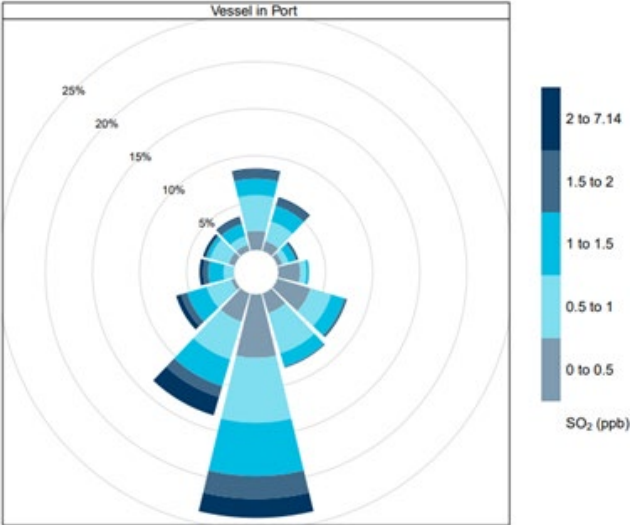
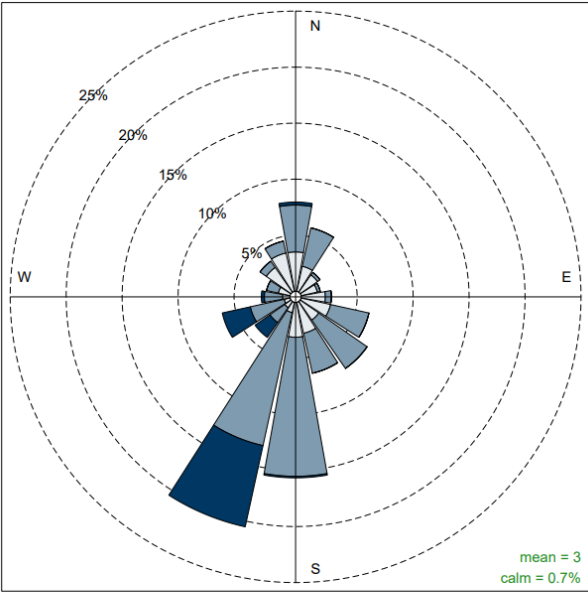
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Appendix C	Data analysis – long term
Appendix D	June 2024 NATA accredited data

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
	<p>the length of the shading on the petals.</p>  <p style="text-align: center;">Frequency of counts by wind direction (%)</p>
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	<p>A wind rose illustrates the frequency of occurrence of winds of various speeds in each wind direction for a given month.</p> <p>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.</p> <p>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.</p>  <p style="text-align: center;">Frequency of counts by wind direction (%)</p>

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, Port Melbourne Victoria, between 01 and 30 June 2024. The validated monitoring data (presented in Appendix D) was provided by ACOEM.

The location of the project is shown in Figure 1.

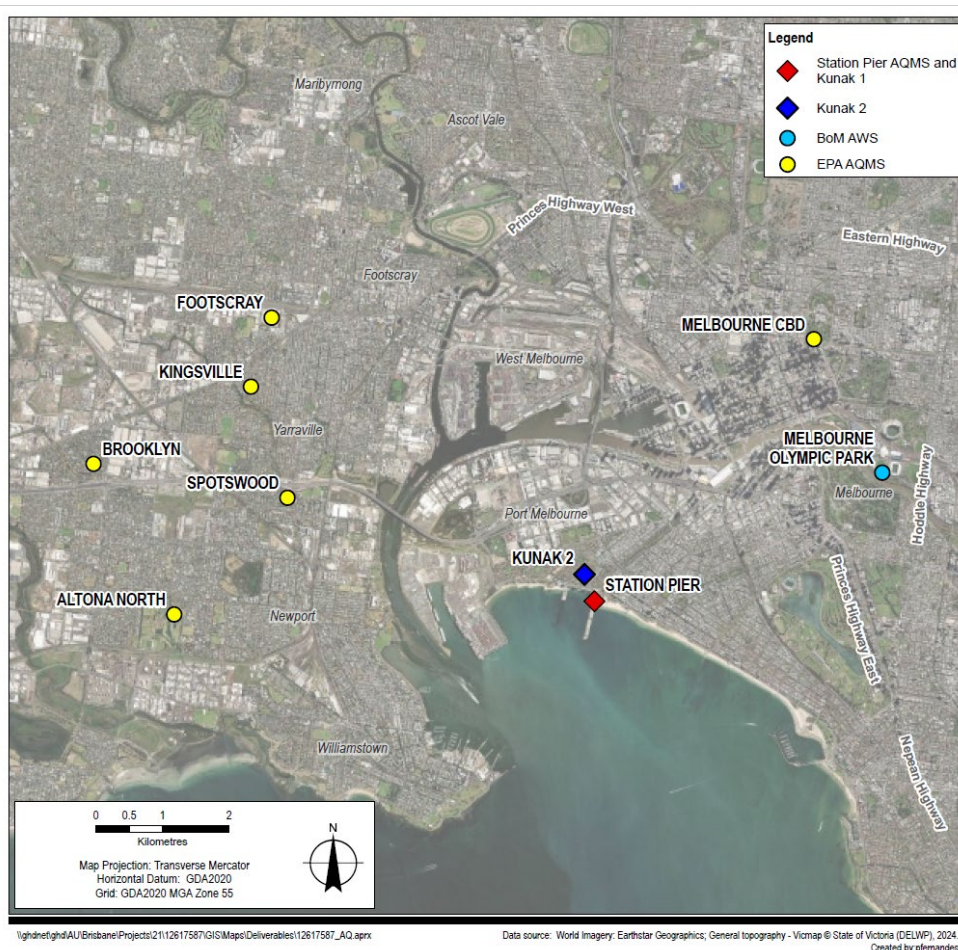


Figure 1 Air quality monitoring program location

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 – June 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 June 2024 to 30 June 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 June 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 June 2024 to 30 June 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 June 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 is highlighted

Station Pier AQMS observations

- All PM₁₀ concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 29.1 µg/m³, which is 41.8% below the criterion, observed on 18 June.
- On 18 June, elevated PM₁₀ concentrations were also observed at EPA Stations located at Brooklyn and Kingsville. The higher concentrations of PM₁₀ observed at both Station Pier AQMS and EPA Stations indicate that there was likely a regional emission source(s) contributing to elevated levels, rather than a localised source.

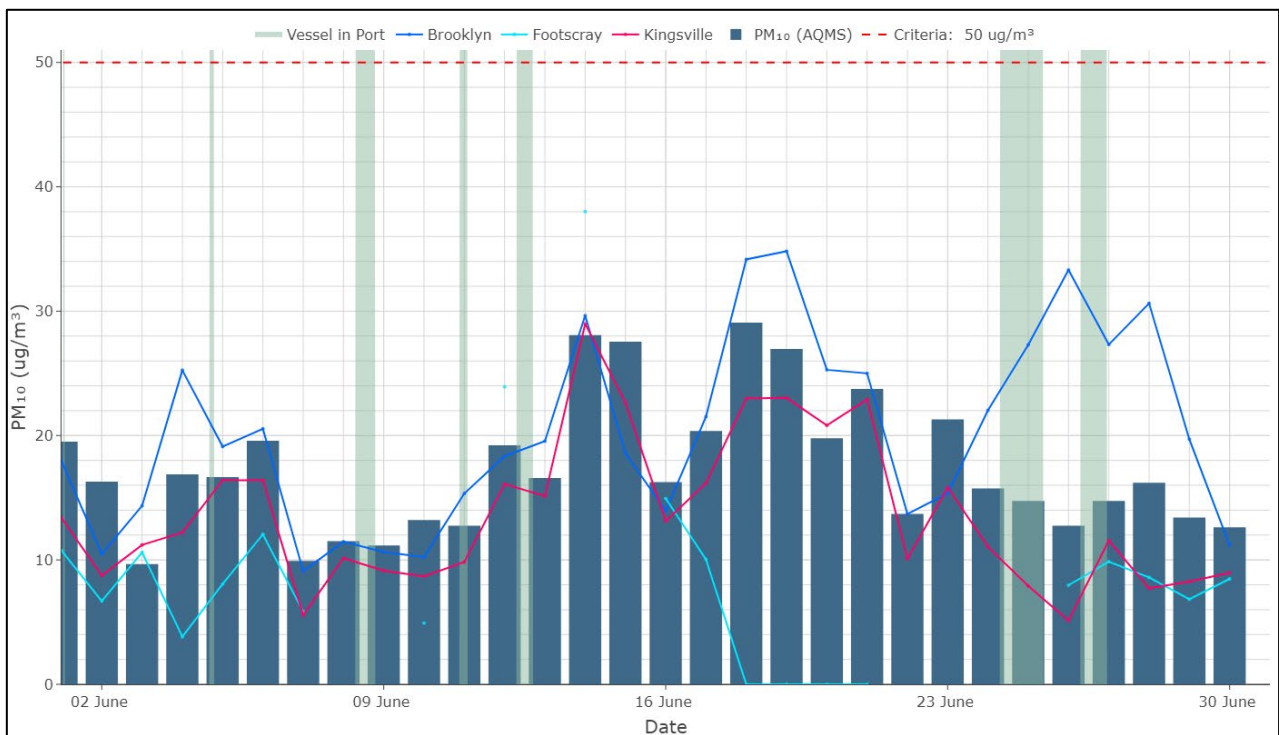


Figure 2 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (June 2024) (criteria: 50 µg/m³)

3.2 PM_{2.5}

The 24-hour average PM_{2.5} concentrations observed in June 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, with the maximum 24-hour average concentration of 14.8 µg/m³, which was 41% below the criterion, observed on 14 June.
- Elevated PM_{2.5} concentrations were observed at EPA Stations located at Altona North, Brooklyn, Kingsville, Melbourne CBD, and Spotswood, on the following day (15 June).

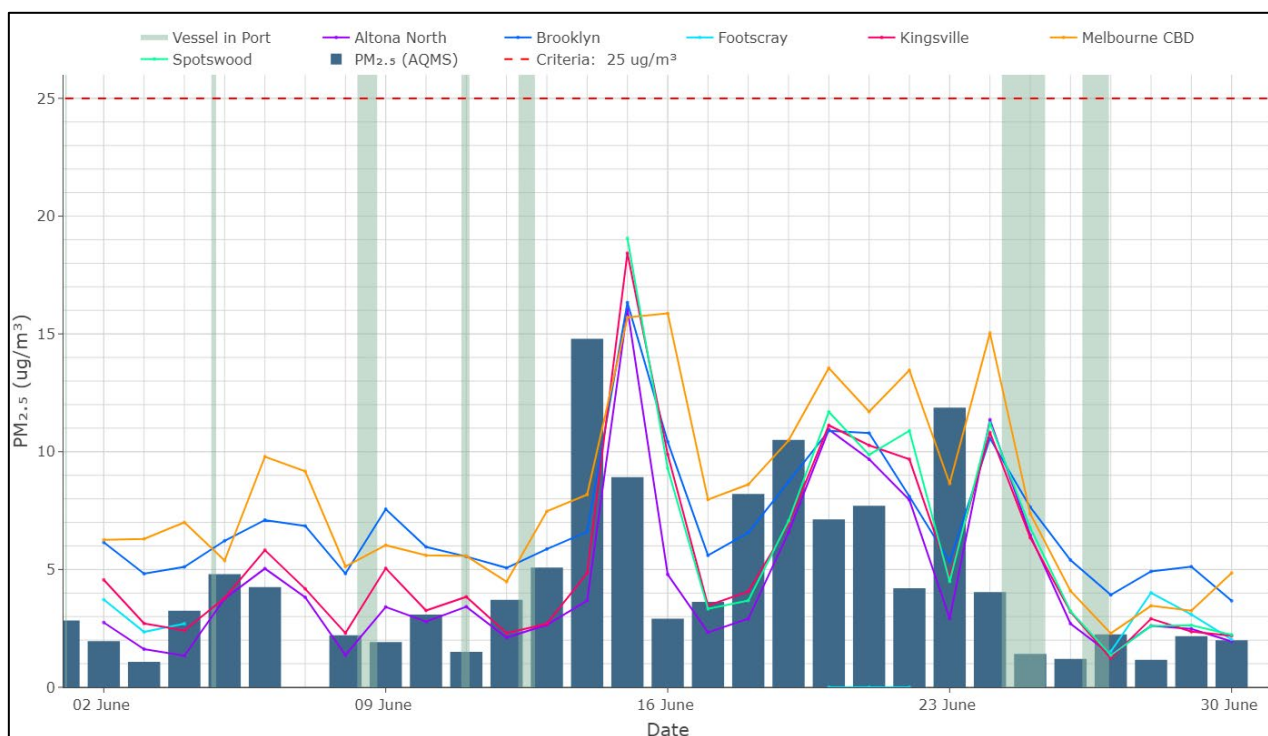


Figure 3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (June 2024) (criteria: 25 µg/m³)

3.3 NO₂

The hourly average NO₂ concentrations observed in June 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 35.5 ppb, which is 56% below the criterion.

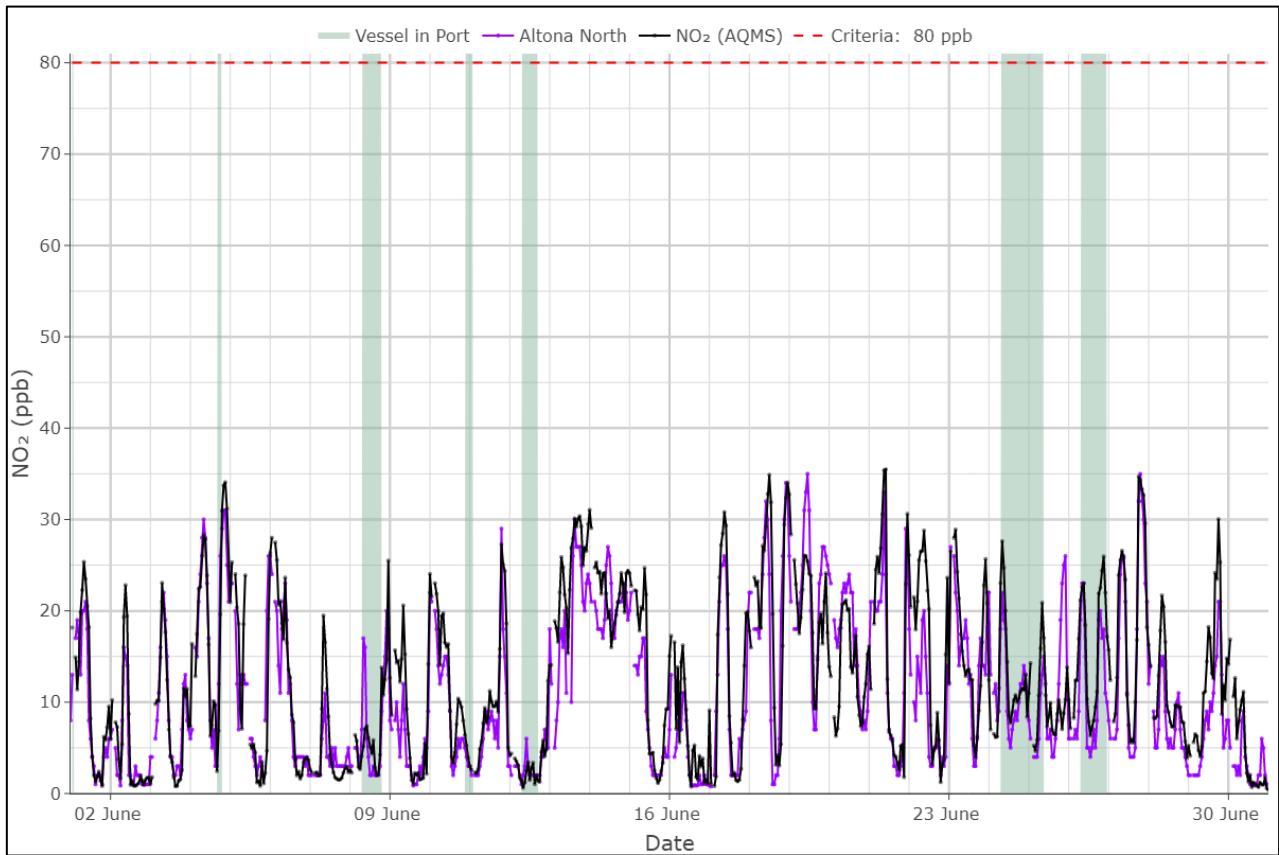


Figure 4 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (June 2024) (criteria: 80 ppb)

3.4 SO₂

The hourly and 24-hour average SO₂ concentrations observed in June 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 3.7 ppb, which is 95% 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.

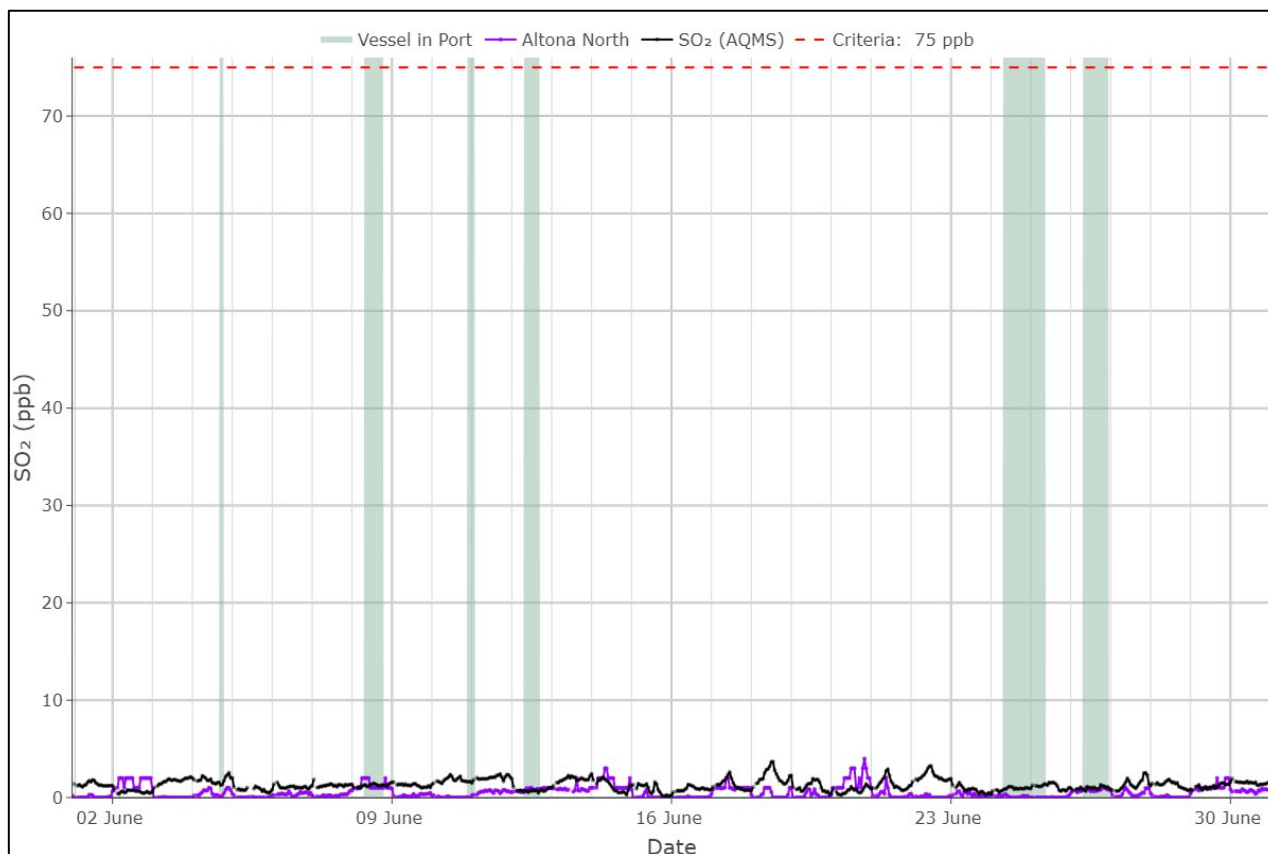


Figure 5 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA Station (June 2024) (criteria: 75 ppb)

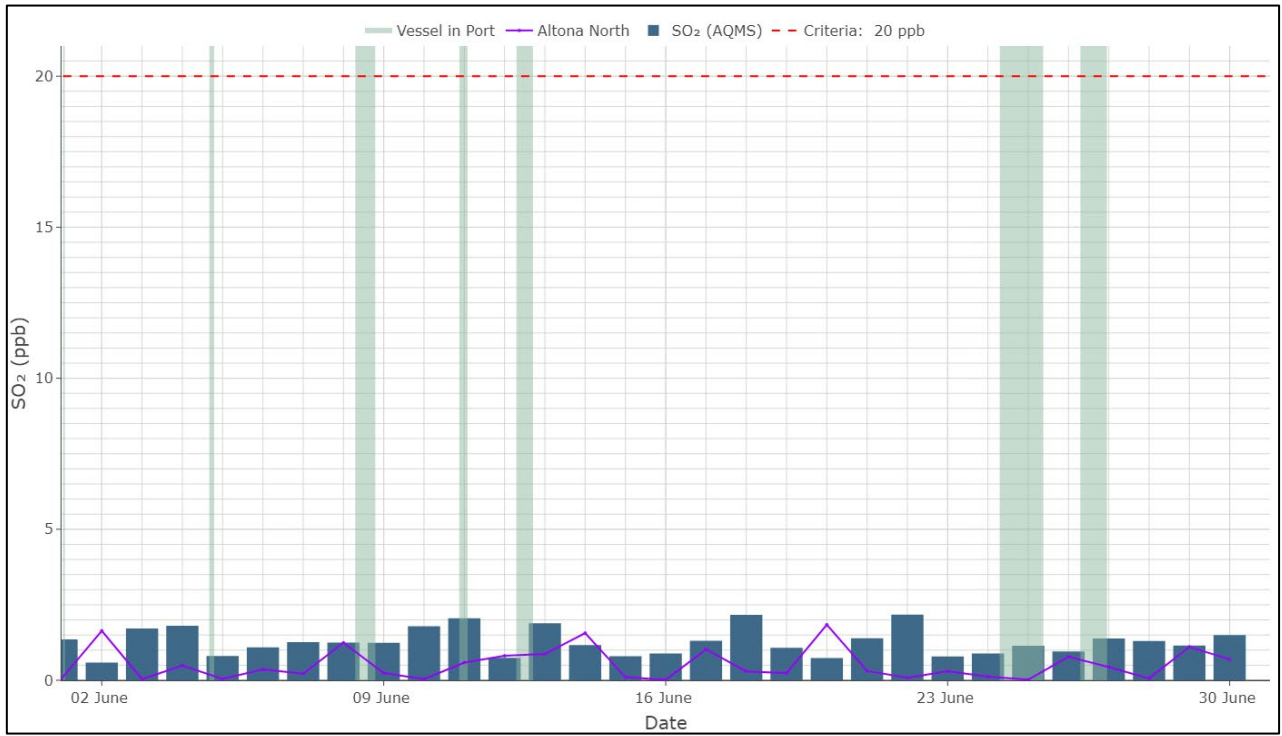


Figure 6 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA Station (June 2024) (criteria: 20 ppb)

3.5 Summary

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

On 18 June when higher levels of PM₁₀ concentrations were observed at Station Pier, elevated PM₁₀ concentrations were also observed at the EPA stations located at Brooklyn and Kingsville, indicating a regional emission source(s), rather than a localised source, contributing to elevated particulate matter levels occurring on same days across EPA stations and Station Pier AQMS.

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 – June 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 June 2024 to 30 June 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 overlaid 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 overlaid with vessel presence, observations at 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 June 2024 to 30 June 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 June 2024	Reason for missing data
PM ₁₀	µg/m ³	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (5 June 08:00 to 12:10)
PM _{2.5}	µg/m ³	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (5 June 08:00 to 12:10)
NO ₂	ppb	95%	– Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation (1 June 01:00 to 30 June 02:00). – Scheduled monthly maintenance followed by instrument stabilisation. (5 June 08:00 to 12:10) Unrealistic negative readings (2 June 10:35 to 10:40)
SO ₂	ppb	95%	– Intermittent static offset of +0.9 ppb applied to correct SO ₂ baseline (1 June 00:00 to 1 July 00:00) – Scheduled monthly maintenance followed by instrument stabilisation. (5 June 08:00 to 12:10) Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation (1 June 01:00 to 30 June 02:00). – Automatic background checks every night between 23:45 and 23:50 (1 June 23:45 to 30 June 23:50). – Linear offset A= 0 ppb and B = +1 ppb applied to correct baseline (6 June 02:00 to 7 June 00:55)
Wind speed	m/s	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (5 June 08:00 to 12:10)
Wind direction	°	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (5 June 08:00 to 12:10)
Ambient temperature	°C	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (5 June 08:00 to 12:10)
Relative humidity	%	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (5 June 08:00 to 12:10)
Sigma	°	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (5 June 08:00 to 12:10)

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 June 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 is from the north comprising 15% of all incident winds, followed by winds from the north-northwest (9.6%).
- The average wind speed is at 2.6 m/s.
- Calms (wind speeds less than 0.5 m/s) occur 2.4% of the time.
- Winds in other directions generally each occur between 5 and 10% of the time, except for northeast, east-northeast, east, east-southeast and south-southeast which occurred for less than 5% each.

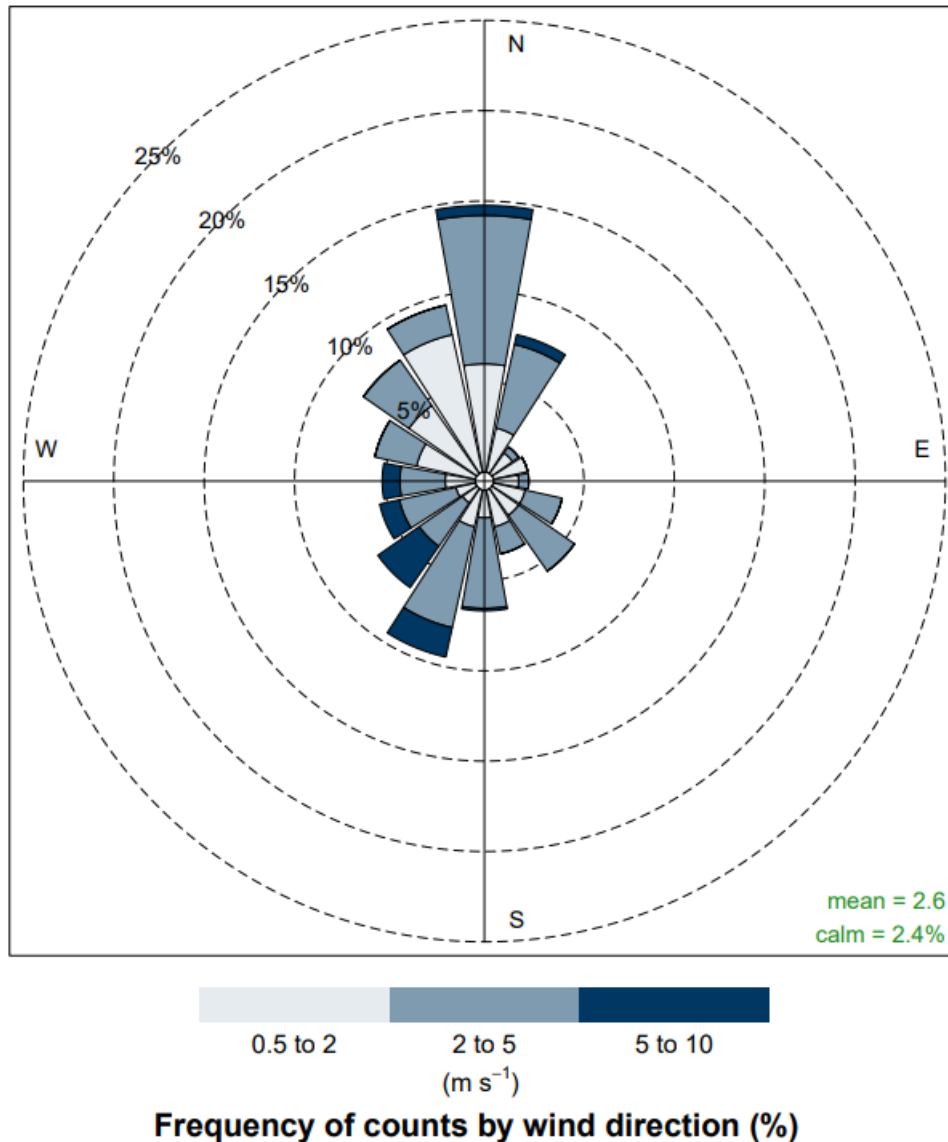


Figure B.2 June 2024 windrose at Station Pier

B-2-2 Other meteorological parameters

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

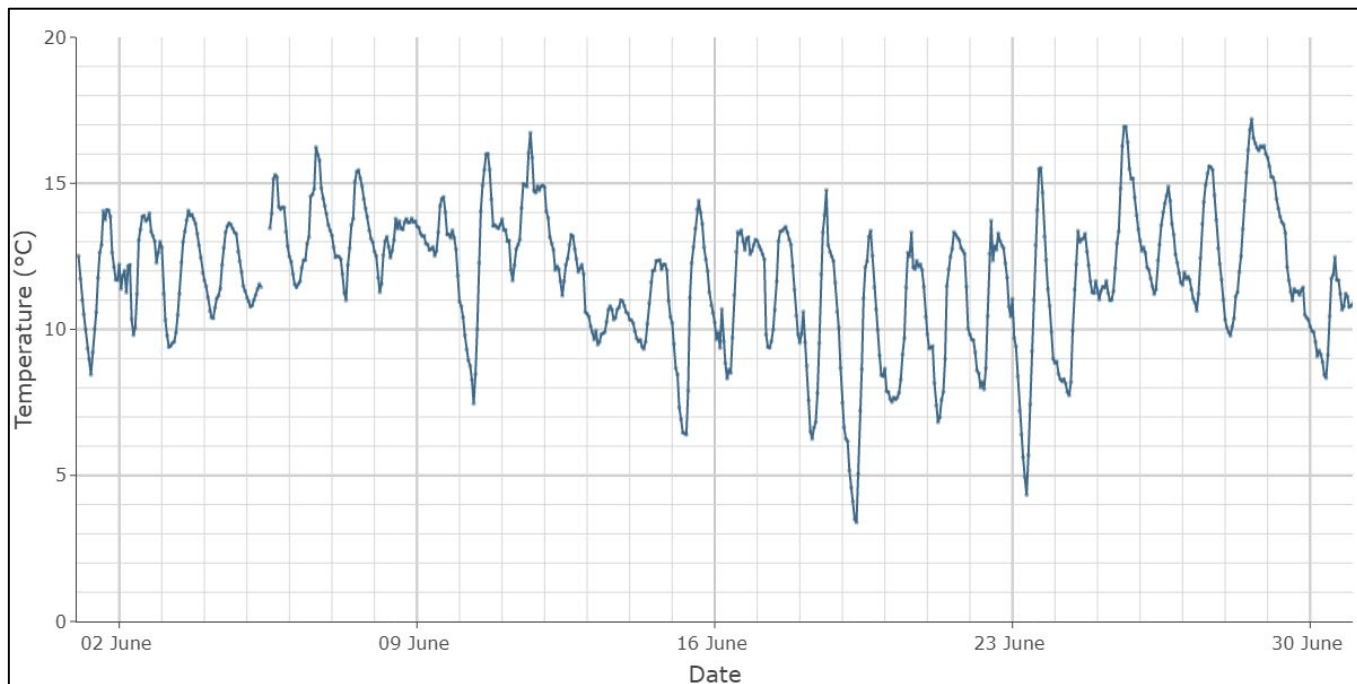


Figure B.3 June 2024 temperature observations at Station Pier

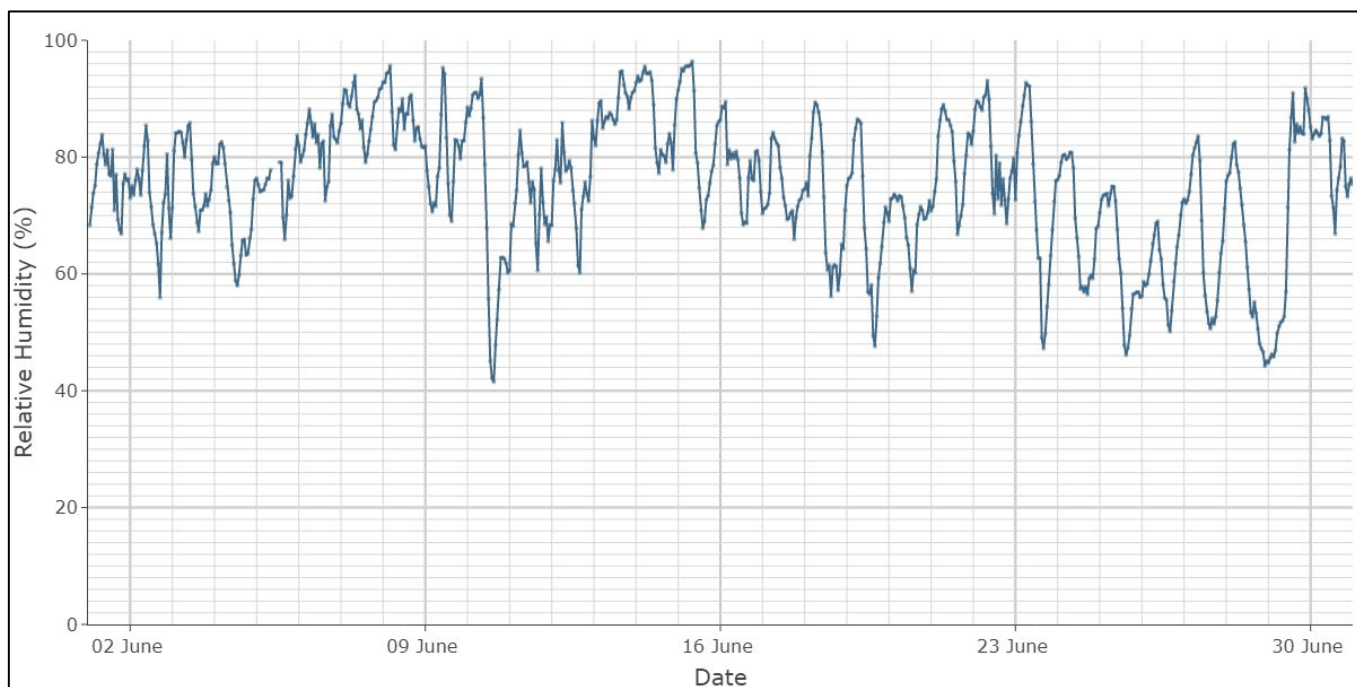


Figure B.4 June 2024 relative humidity observations at Station Pier

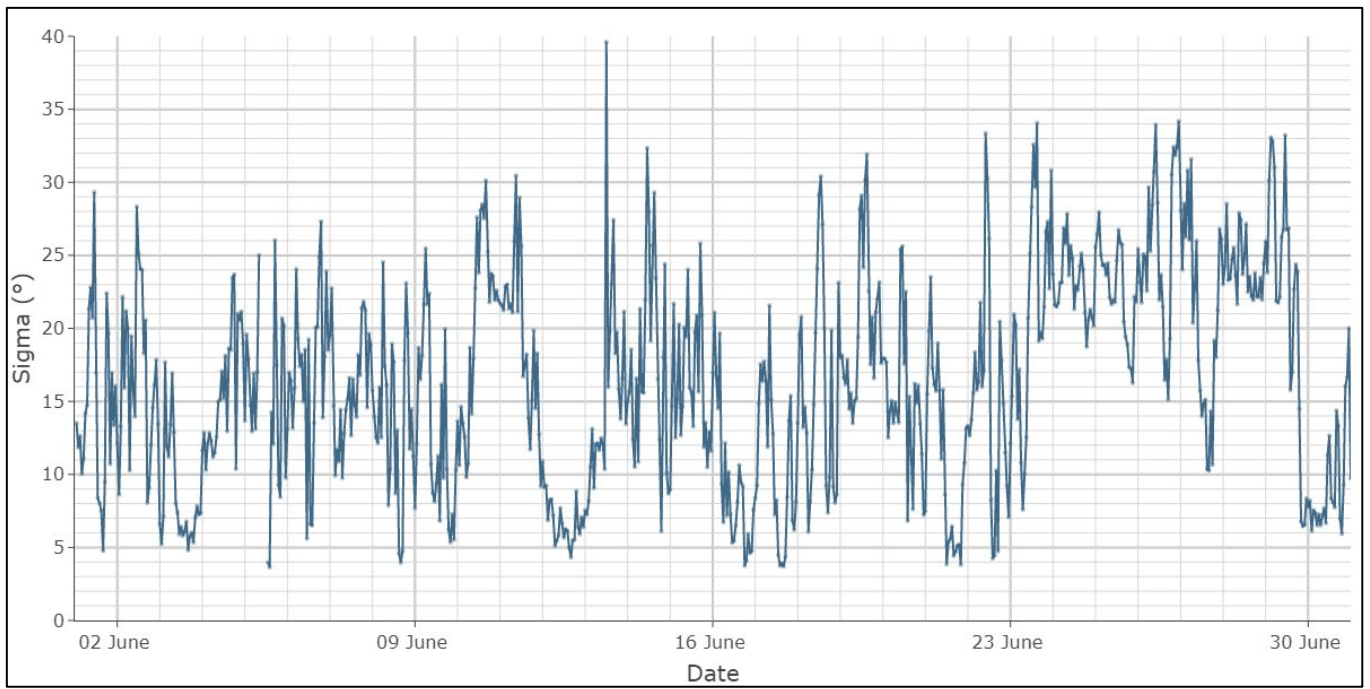


Figure B.5 June 2024 sigma observations at Station Pier

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.

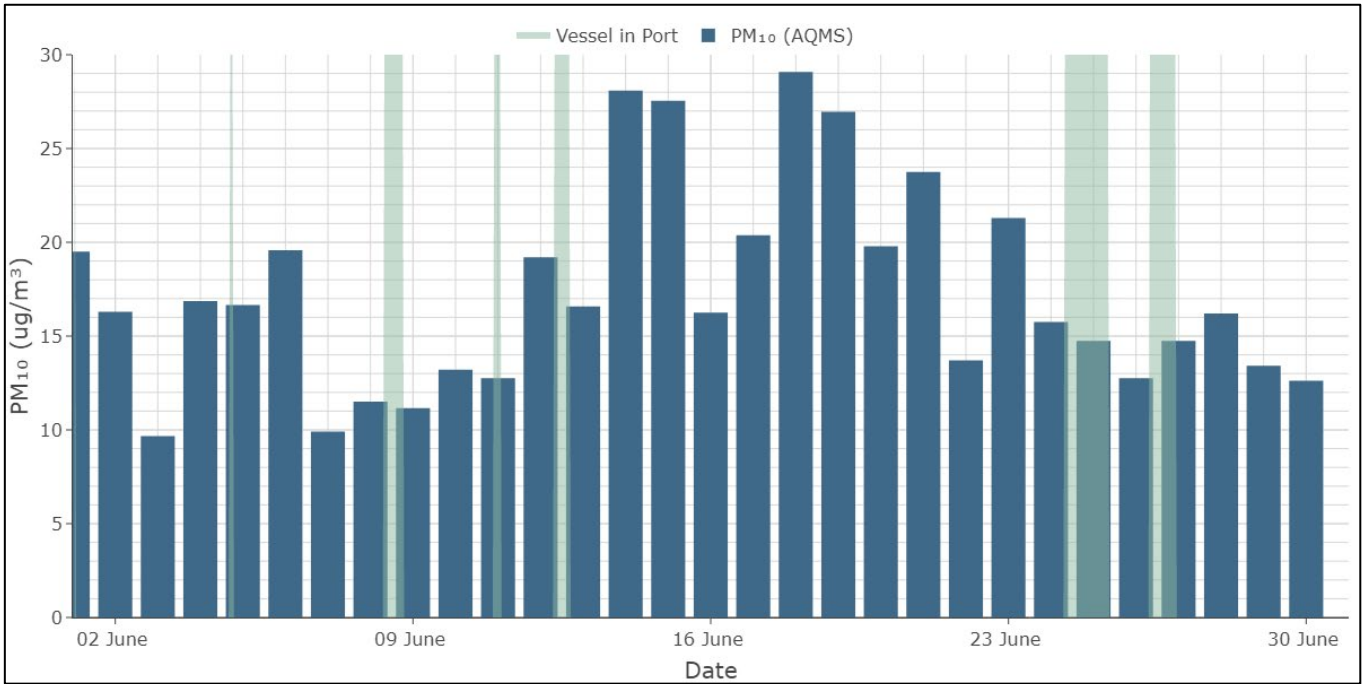


Figure B.6 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier (June 2024) (criteria: 50 µg/m³)

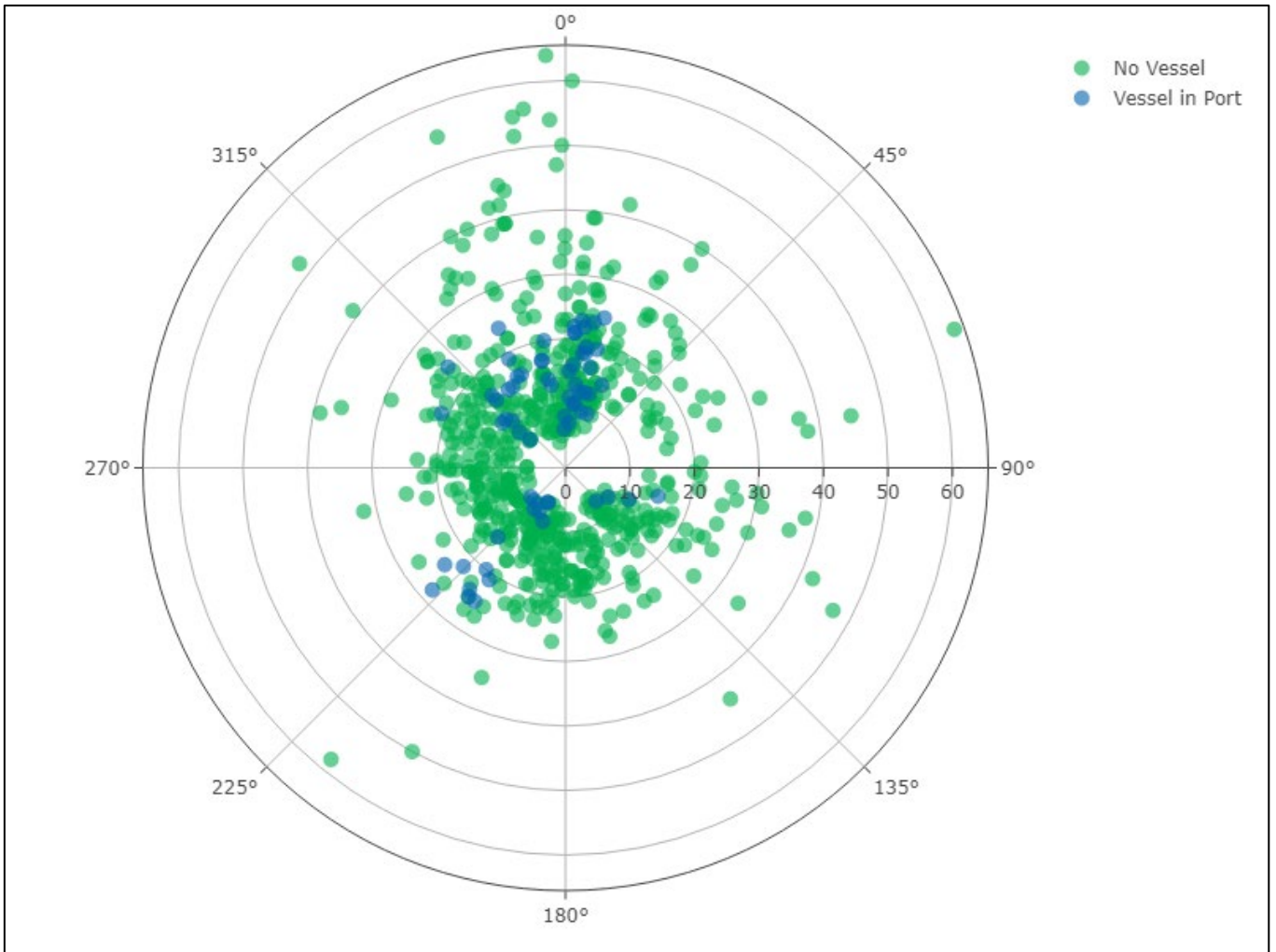


Figure B.7 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) by wind direction (June 2024)

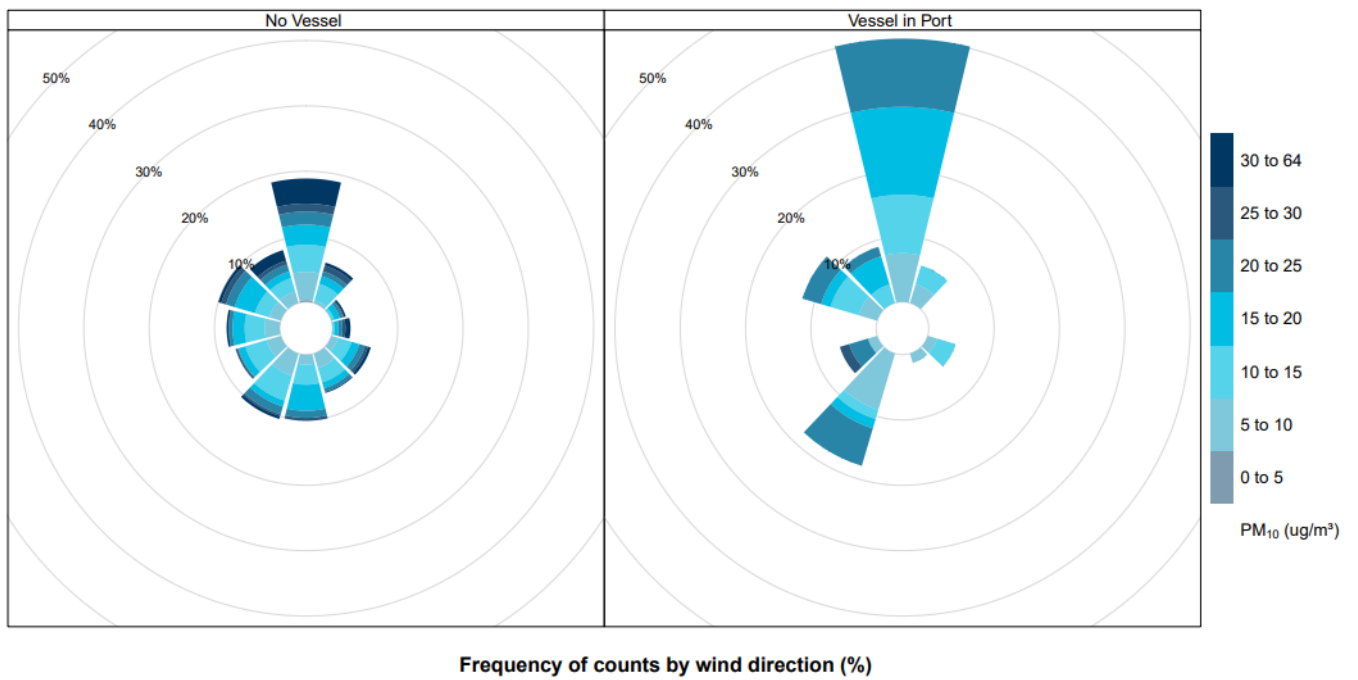


Figure B.8 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) pollution roses (June 2024)

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.

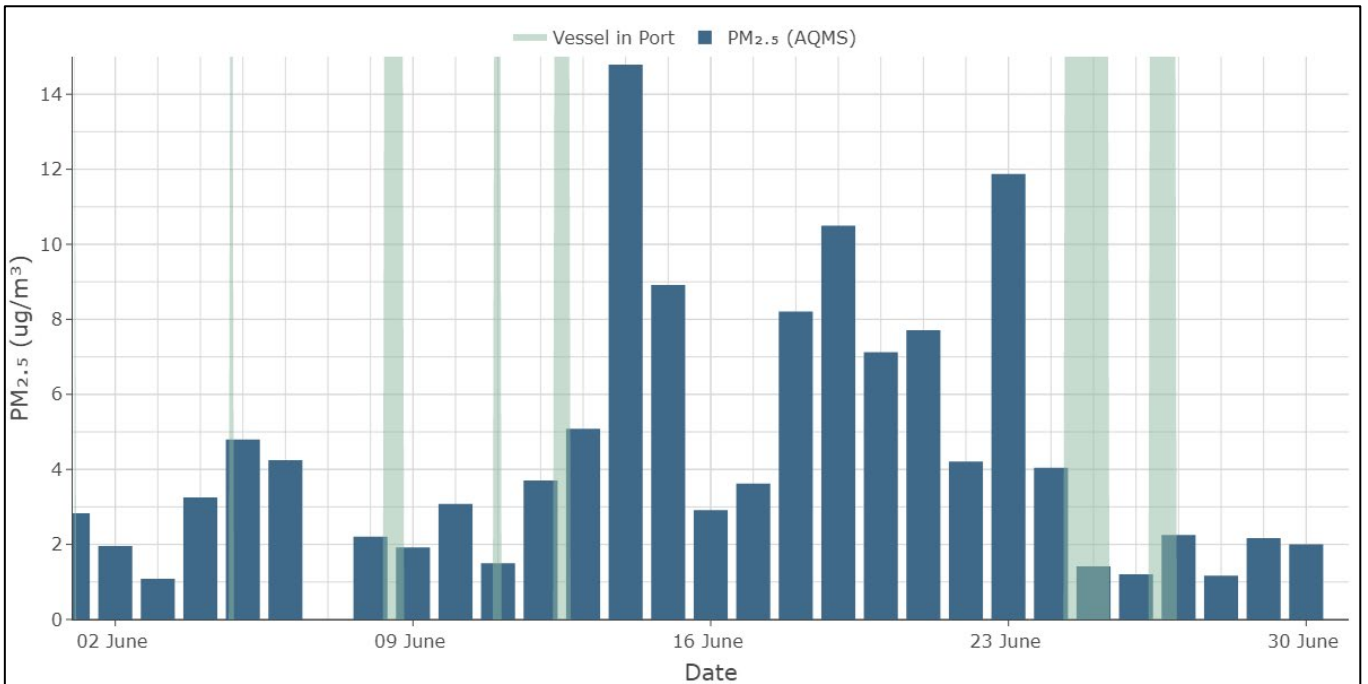


Figure B.9 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier (June 2024) (criteria: 25 µg/m³)

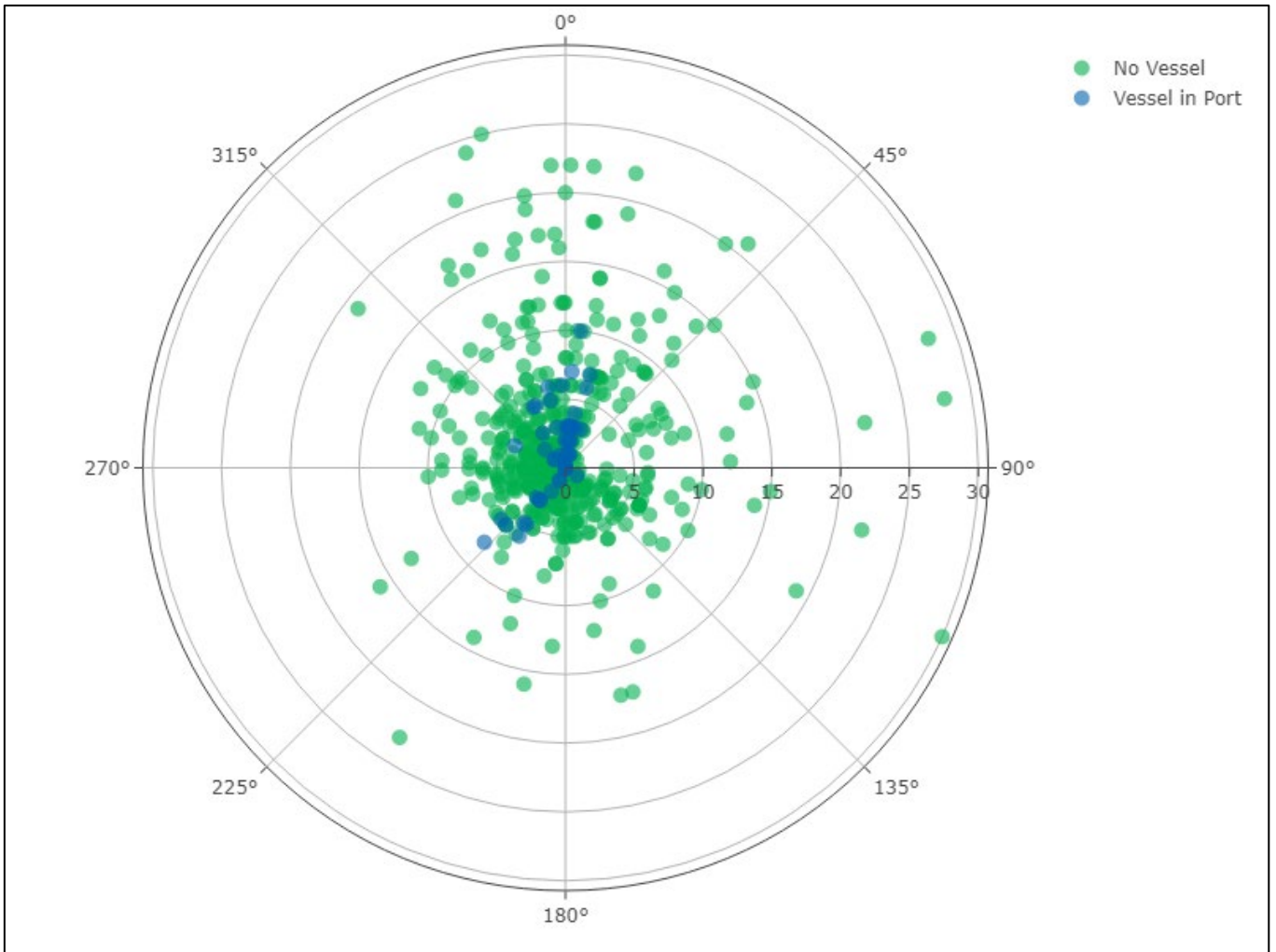


Figure B.10 Hourly average $PM_{2.5}$ concentration ($\mu\text{g}/\text{m}^3$) by wind direction (June 2024)

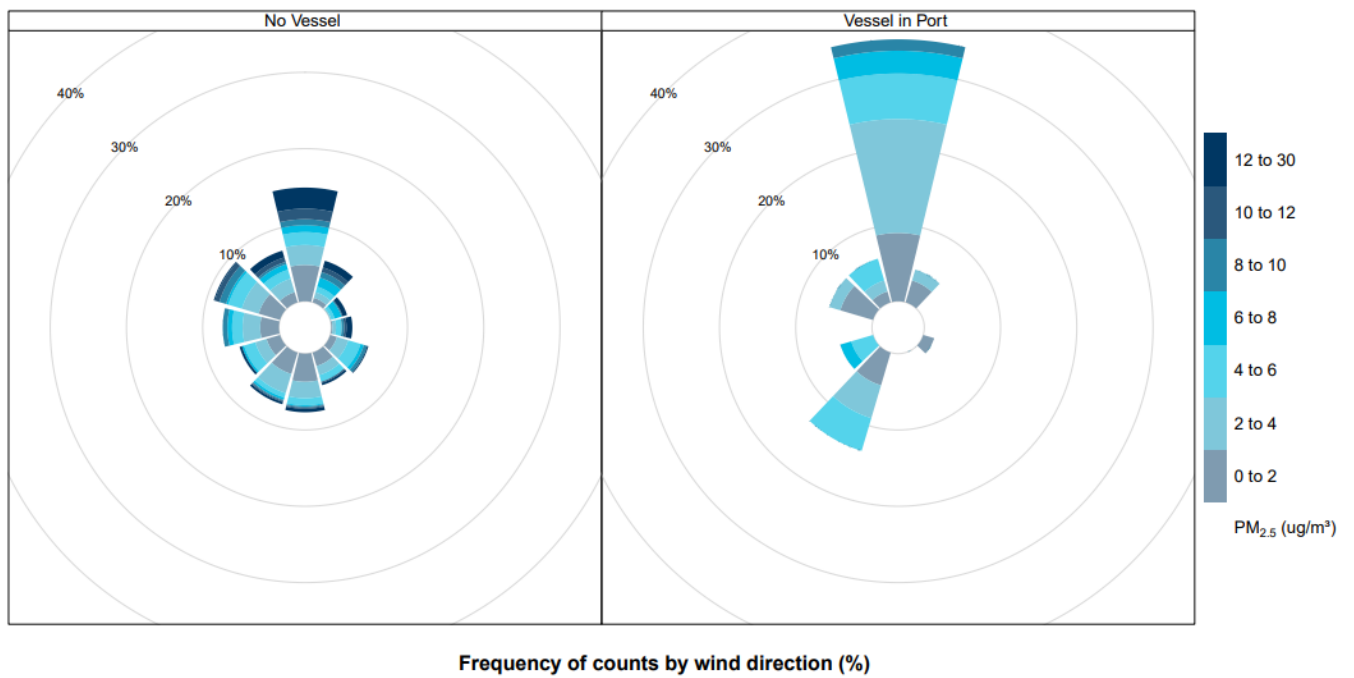


Figure B.11 Hourly average $PM_{2.5}$ concentration ($\mu\text{g}/\text{m}^3$) pollution roses (June 2024)

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.

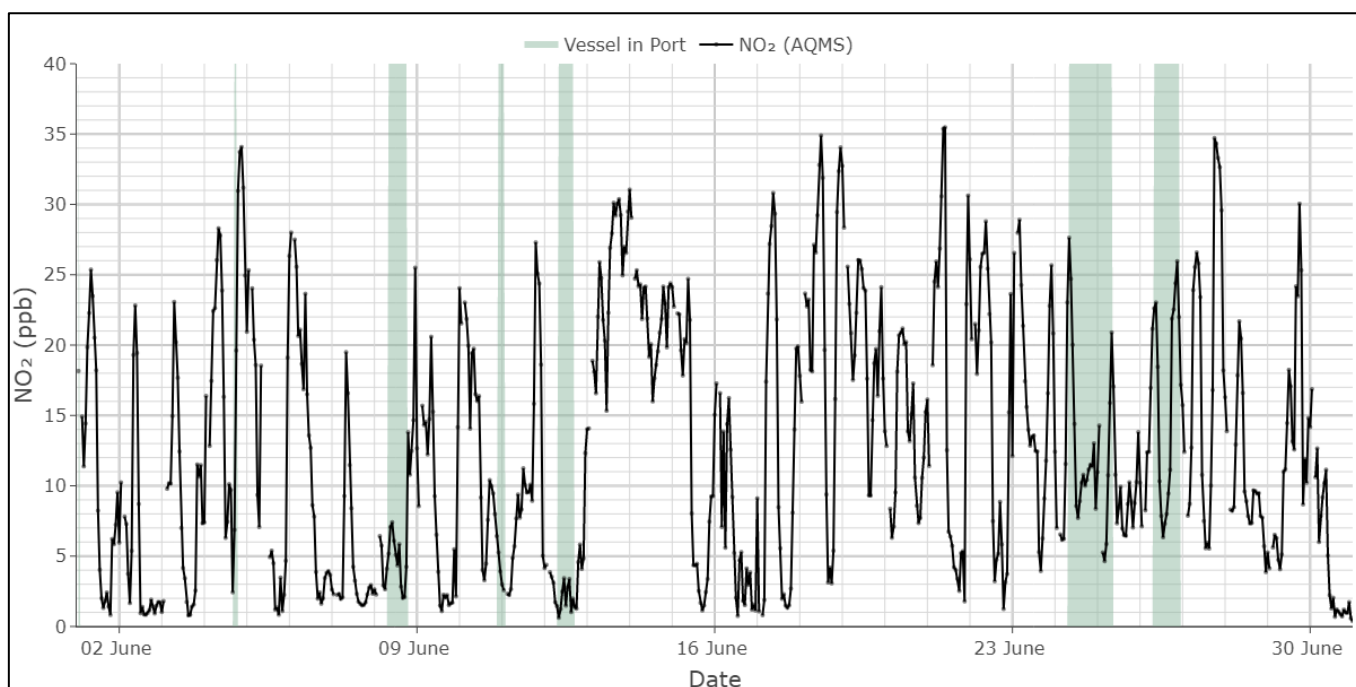


Figure B.12 Hourly average NO₂ concentrations (ppb) at Station Pier (June 2024) (criteria: 80 ppb)

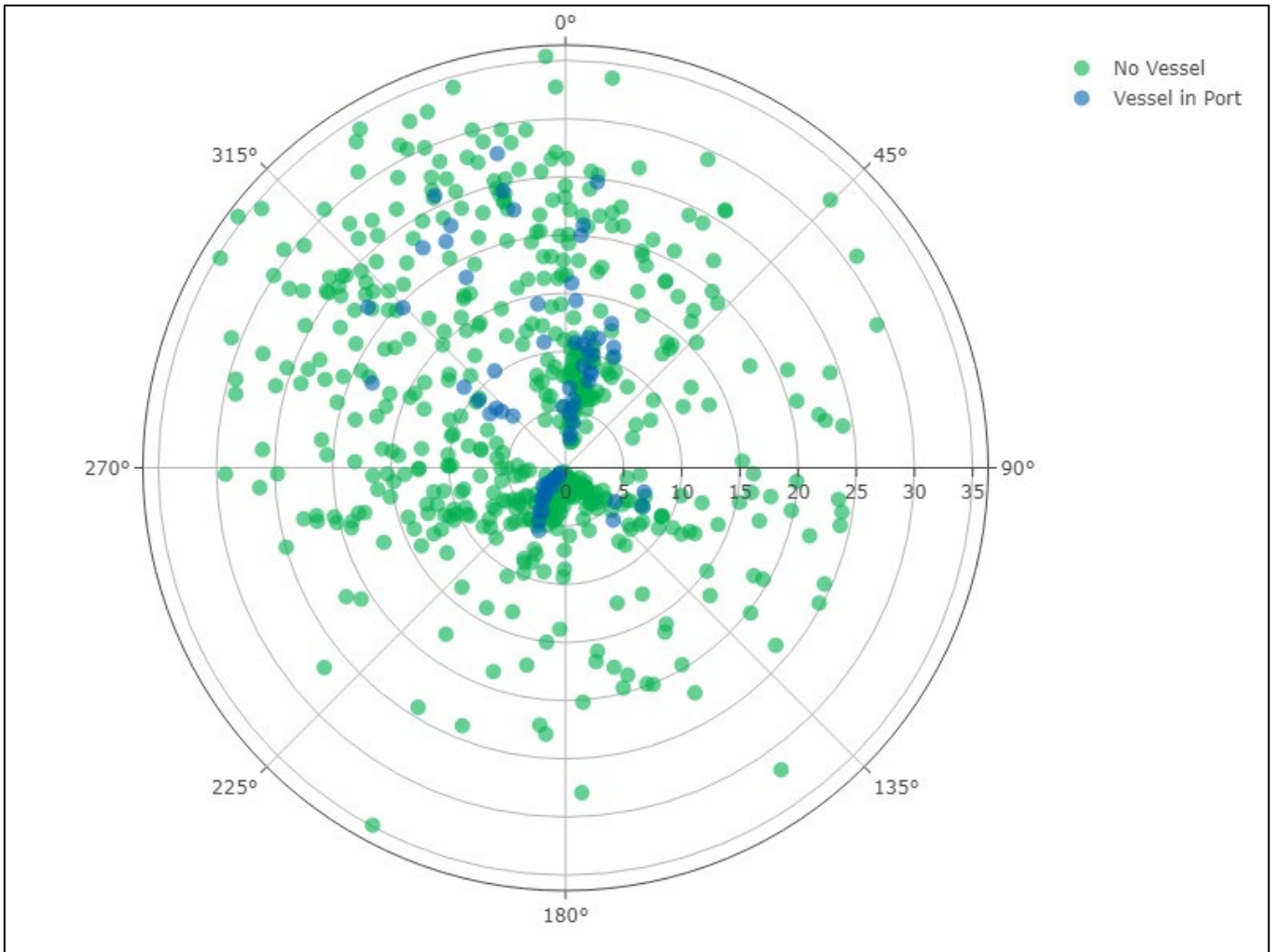
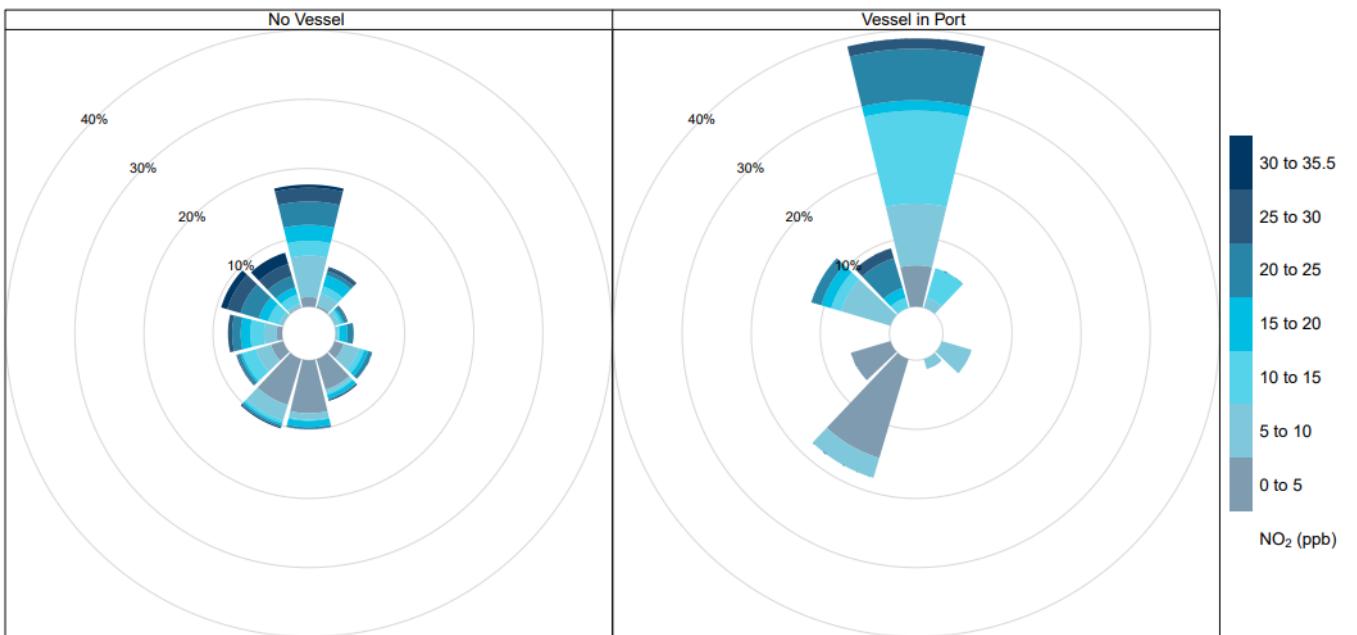


Figure B.13 Hourly average NO₂ concentration (ppb) by wind direction (June 2024)



Frequency of counts by wind direction (%)

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

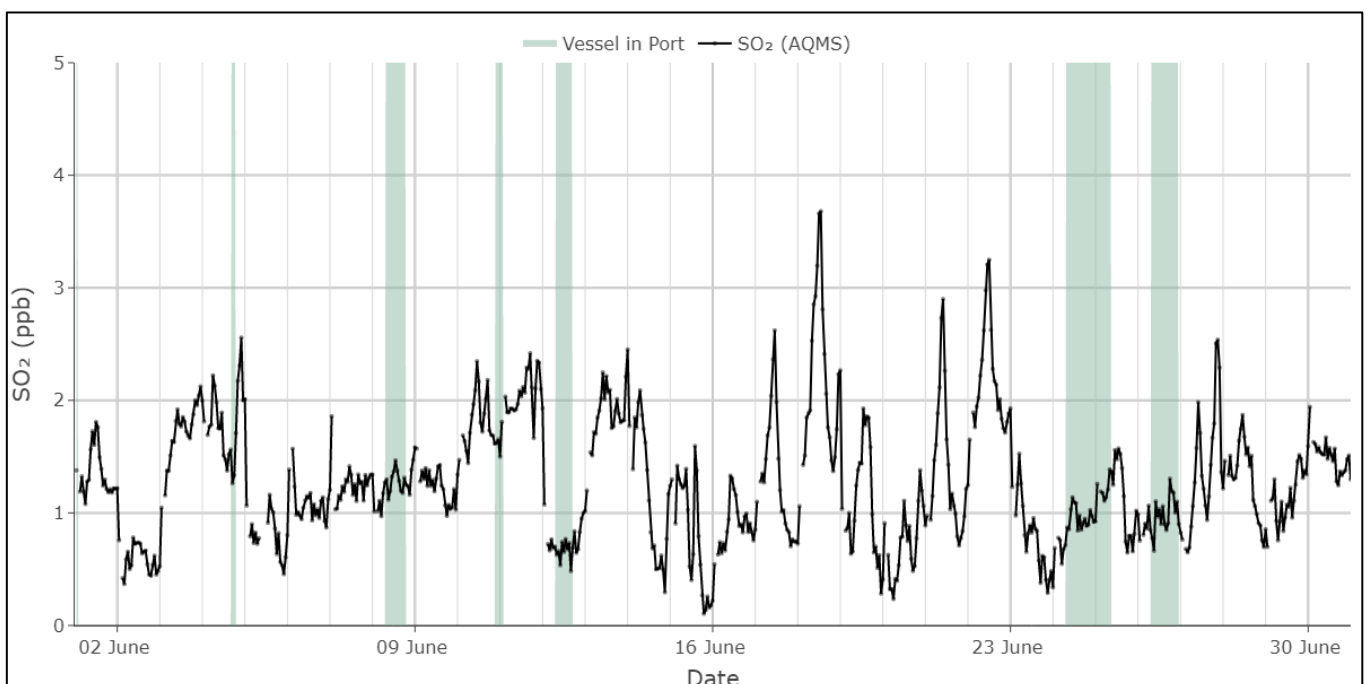


Figure B.15 Hourly average SO₂ concentrations (ppb) at Station Pier (June 2024) (criteria: 75 ppb)

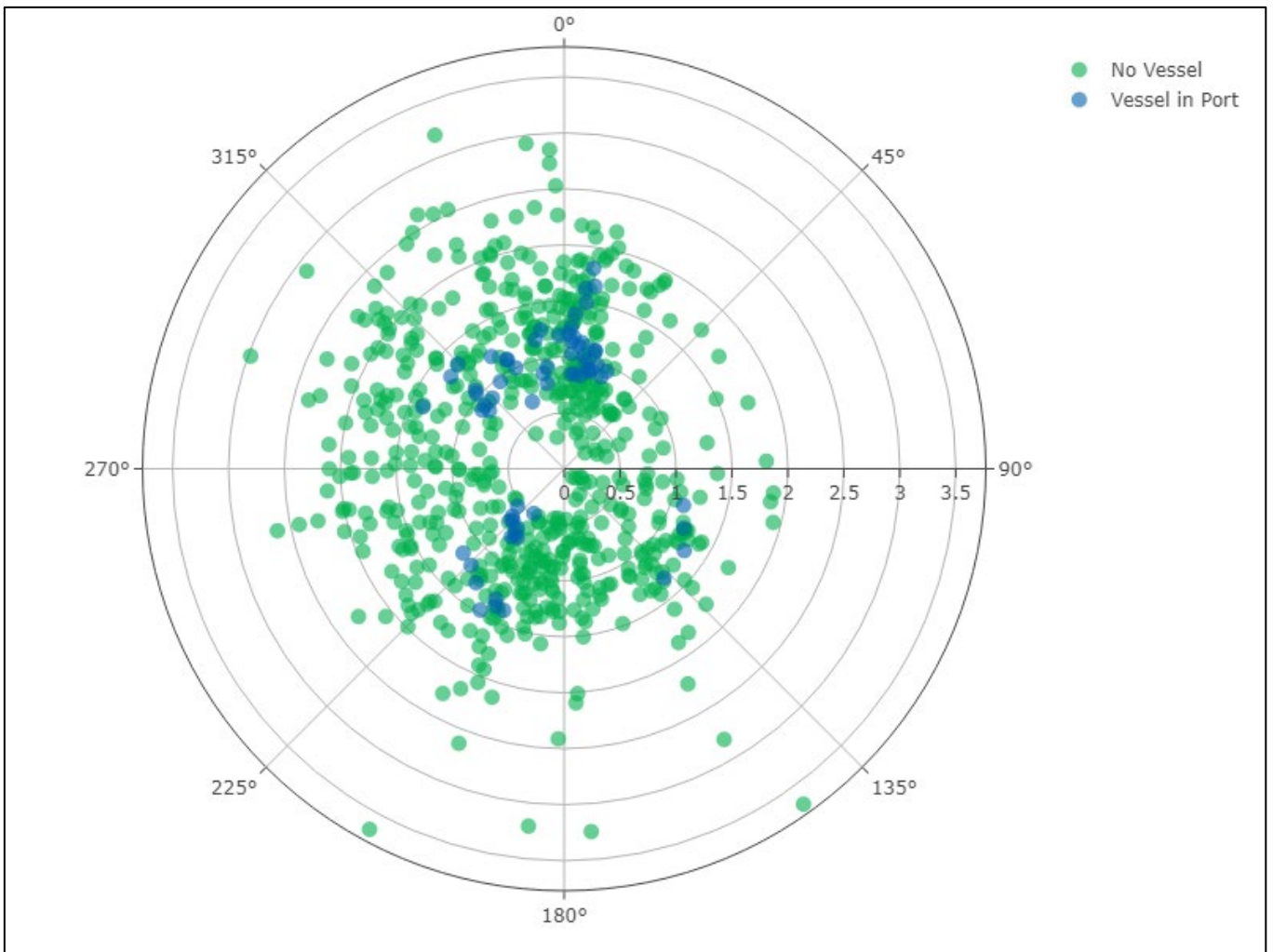
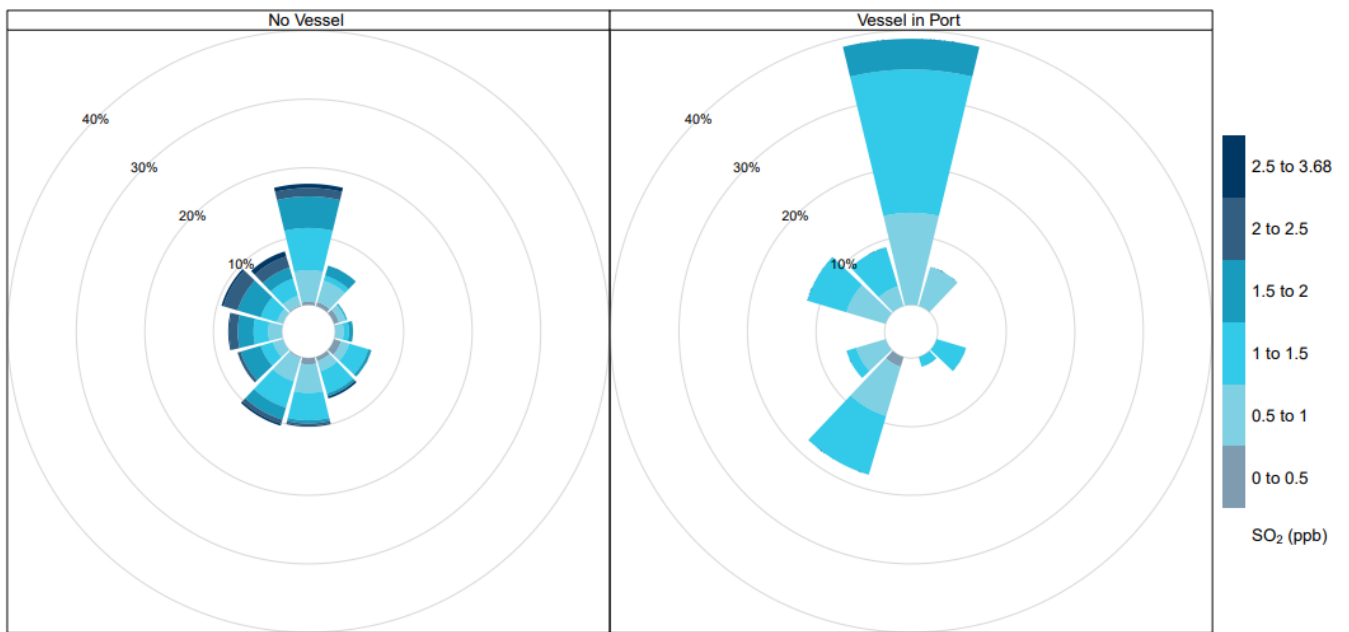


Figure B.16 Hourly average SO₂ concentration (ppb) by wind direction (June 2024)



Frequency of counts by wind direction (%)

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

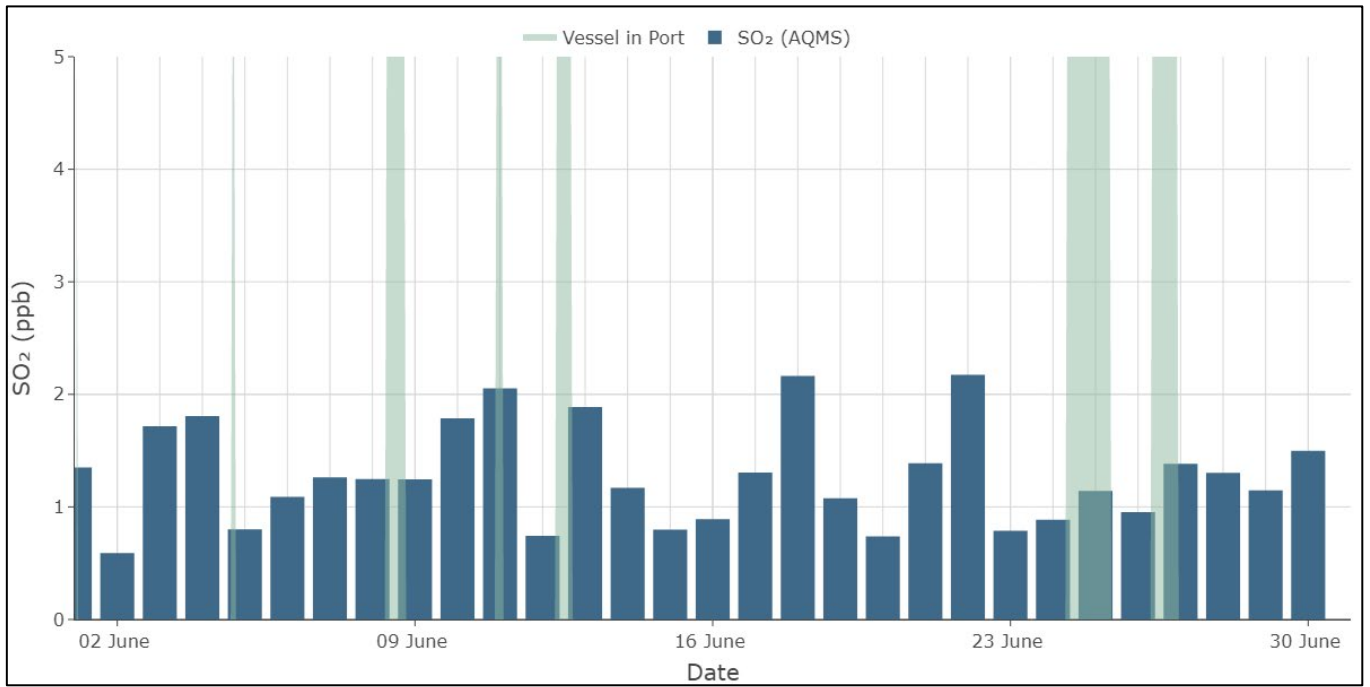


Figure B.18 24-hour average SO₂ concentrations (ppb) at Station Pier (June 2024) (criteria: 20 ppb)

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.

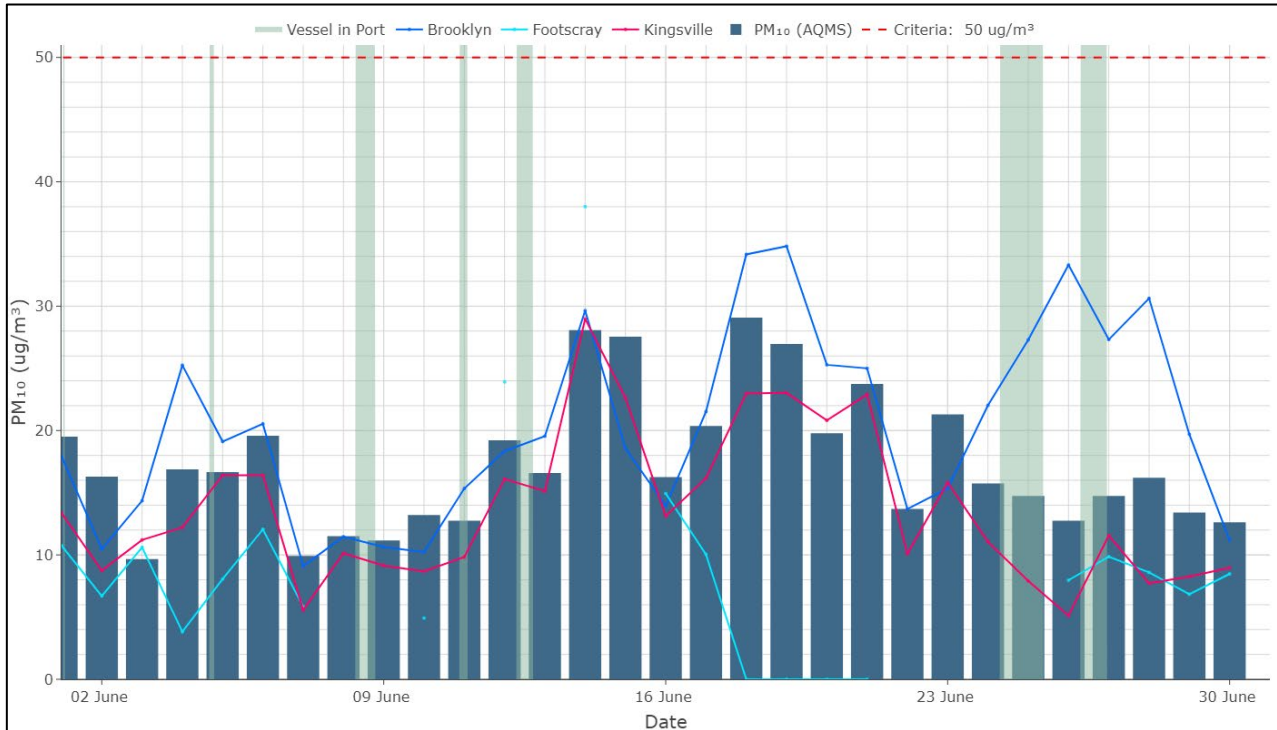


Figure B.19 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (June 2024) (criteria: 50 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA station observations is presented in Table B.3. Positive correlation (0.90) was observed between the Station Pier observations and the EPA station observations for the Kingsville EPA station. Minimal correlation (<0.6) was observed between the Station Pier observations and the EPA station observations at Footscray and Brooklyn.

All concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 29.1 µg/m³, which is 41.8% below the criterion, observed on 18 June. On 18 June, elevated PM₁₀ concentrations were also observed at EPA Stations located at Brooklyn and Kingsville. The higher concentrations of PM₁₀ observed at both Station Pier AQMS and EPA Stations indicate that there was likely a regional emission source(s) contributing to elevated levels, rather than a localised source.

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

EPA Station	Correlation coefficient (r)
Kingsville	0.90
Footscray	0.13
Brooklyn	0.57

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.

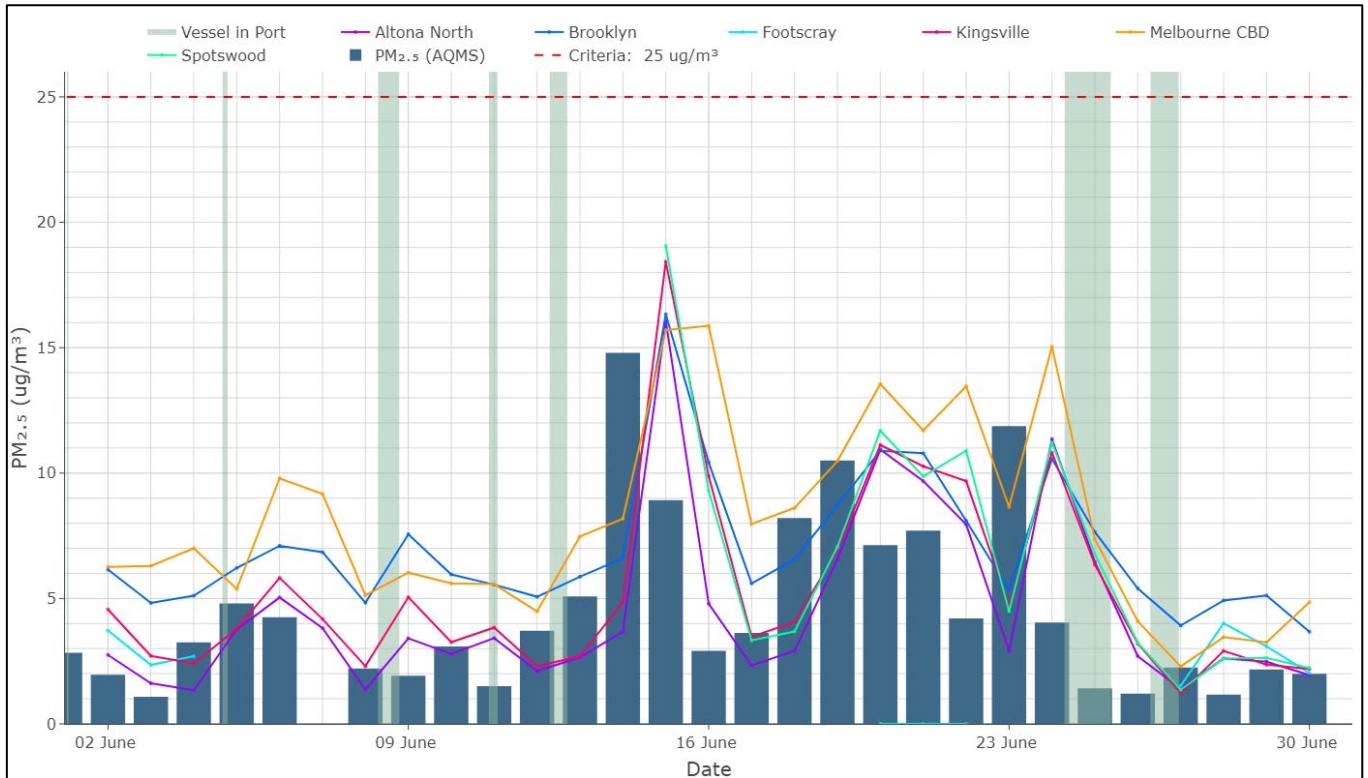


Figure B.20 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (June 2024) (criteria: 25 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA Stations observations is presented in Table B.4. Minimal correlation (less than 0.5) was observed between the Station Pier observations and the EPA station observations for all EPA stations, except for Footscray. Negative correlation (-0.81) was observed between the Station Pier observations and Footscray, however this EPA station was not operating for approximately 60% of the time therefore this correlation is not considered valid.

All concentrations were below the adopted criterion, with the maximum 24-hour average concentration of 14.8 µg/m³, which was 41% below the criterion, observed on 14 June. Elevated PM_{2.5} concentrations were also observed at Station Pier AQMS and EPA Stations located at Altona North, Brooklyn, Kingsville, Melbourne CBD, and Spotswood, on the following day (15 June).

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	0.36
Spotswood	0.41
Kingsville	0.38
Footscray	-0.81
Brooklyn	0.38
Melbourne CBD	0.41

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.

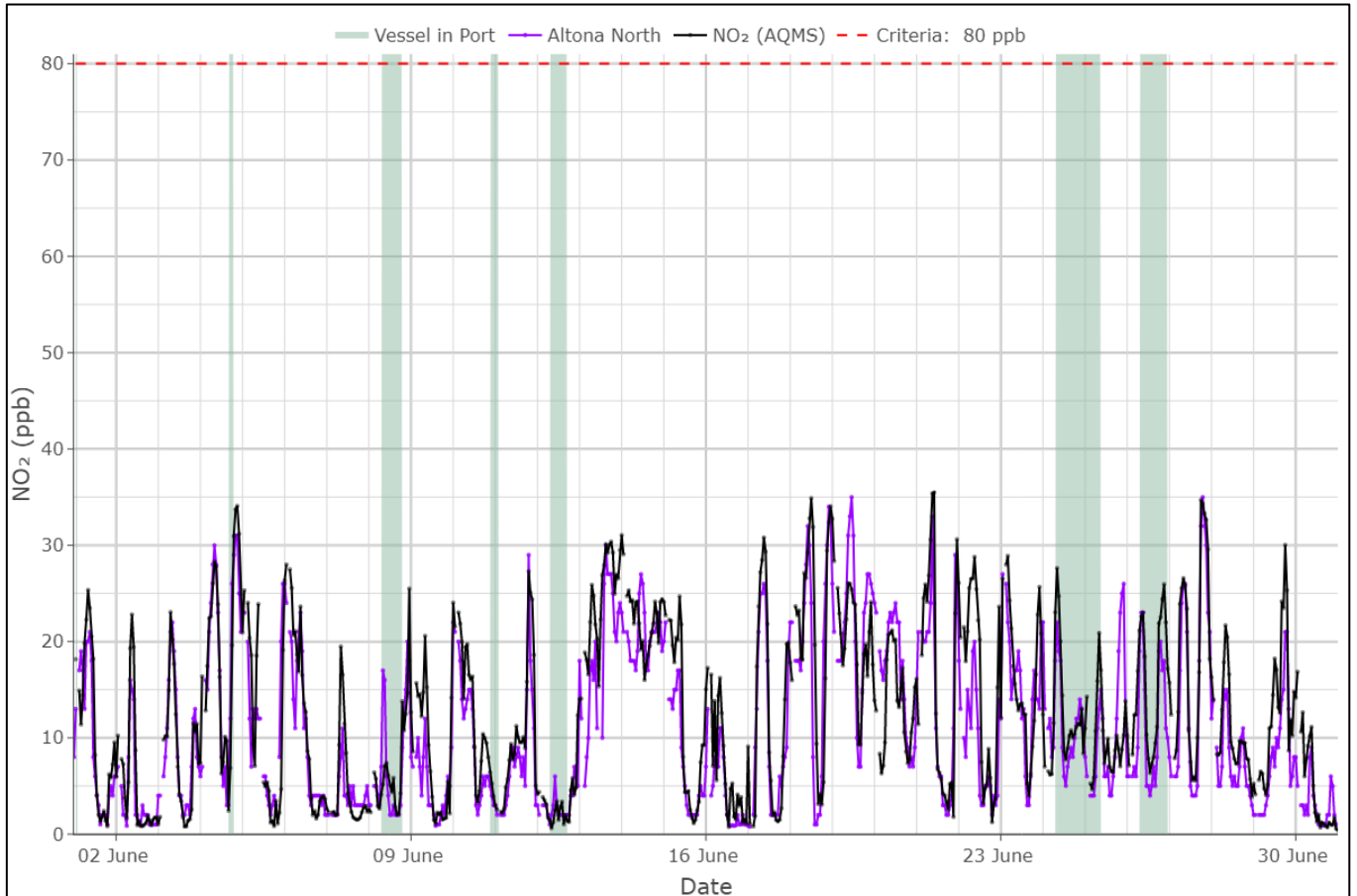


Figure B.21 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA Station (June 2024) (criteria: 80 ppb)

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 35.5 ppb, which is 56% 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.

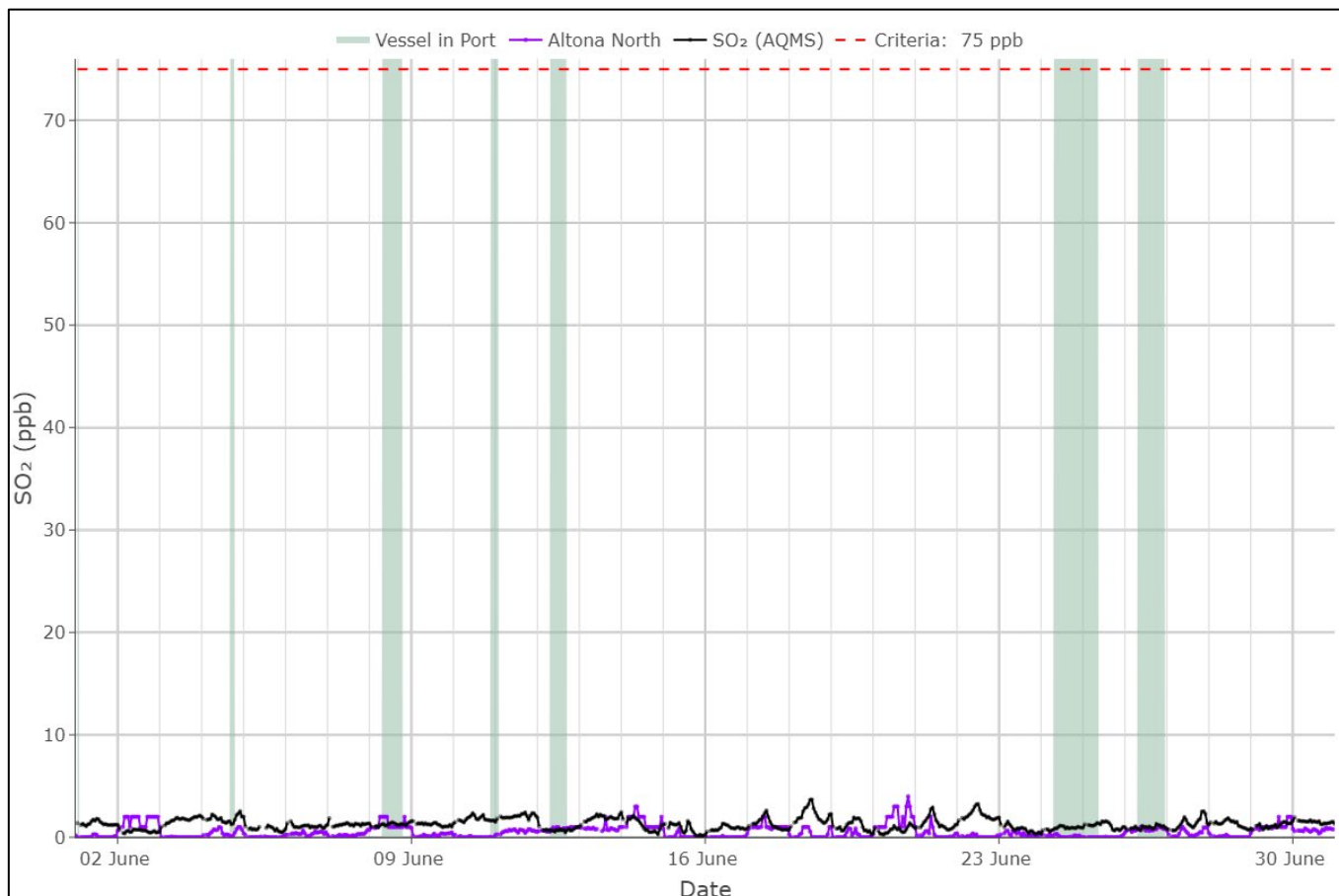


Figure B.22 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (June 2024) (criteria: 75 ppb)

Minimal correlation (-0.06) was observed between the Station Pier observations and the Altona North EPA station observations.

All concentrations were below the adopted criterion. The maximum hourly average concentration recorded was 3.7 ppb, which is 95% 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.

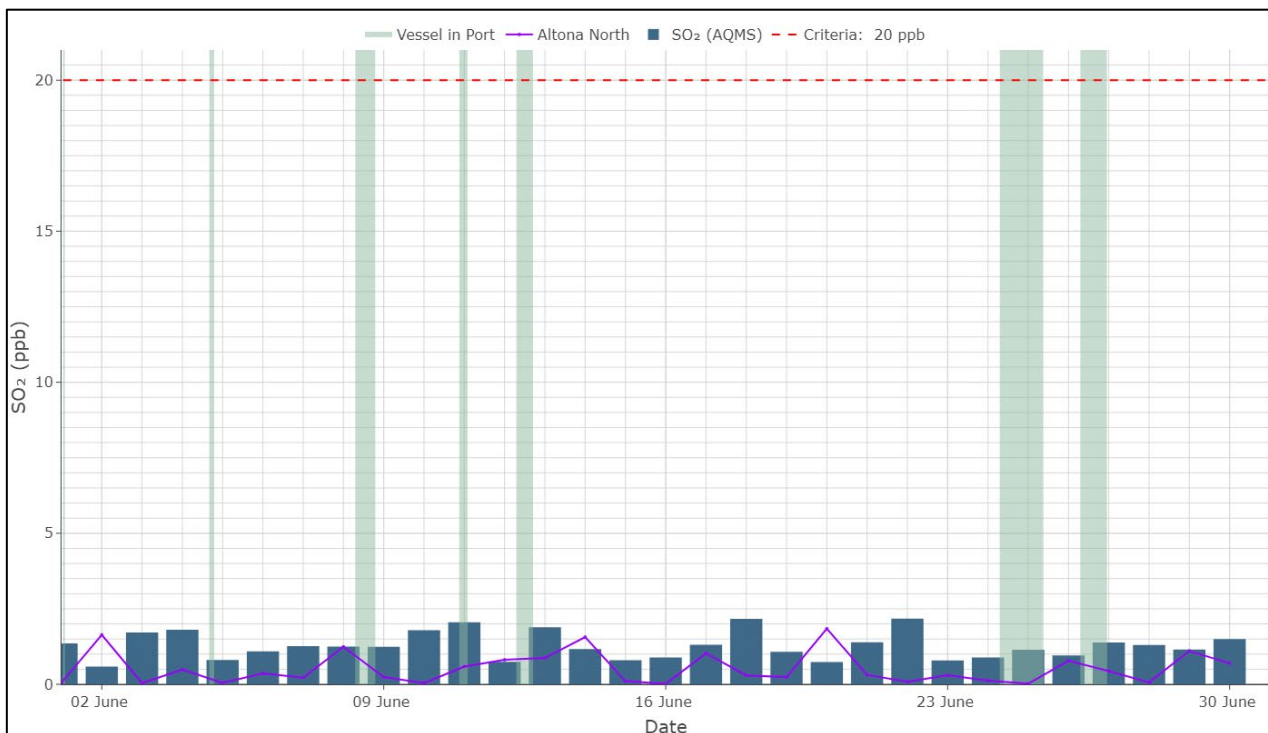


Figure B.23 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA Station (June 2024) (criteria: 20 ppb)

Minimal correlation (-0.25) was observed between the Station Pier observations and the Altona North EPA station observations.

All 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 June 2024 are detailed in Table B.5.

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

Ship name	Arrival	Departure
ICS Allegiance (T)	31/05/2024 8:08	1/06/2024 0:59
ICS Allegiance (T)	4/06/2024 16:27	4/06/2024 17:59
Pacific Explorer (P)	8/06/2024 7:34	8/06/2024 17:54
ICS Allegiance (T)	10/06/2024 21:37	11/06/2024 0:01
ICS Allegiance (T)	12/06/2024 7:04	12/06/2024 15:00
ICS Allegiance (T)	24/06/2024 7:20	25/06/2024 7:38
ICS Allegiance (T)	26/06/2024 7:22	26/06/2024 21:56

The number of vessels present at the port at the time of the maximum hourly concentrations of each pollutant are shown in Figure B.24. The maximum concentrations for all pollutants occurred when there were no vessels present at the port.

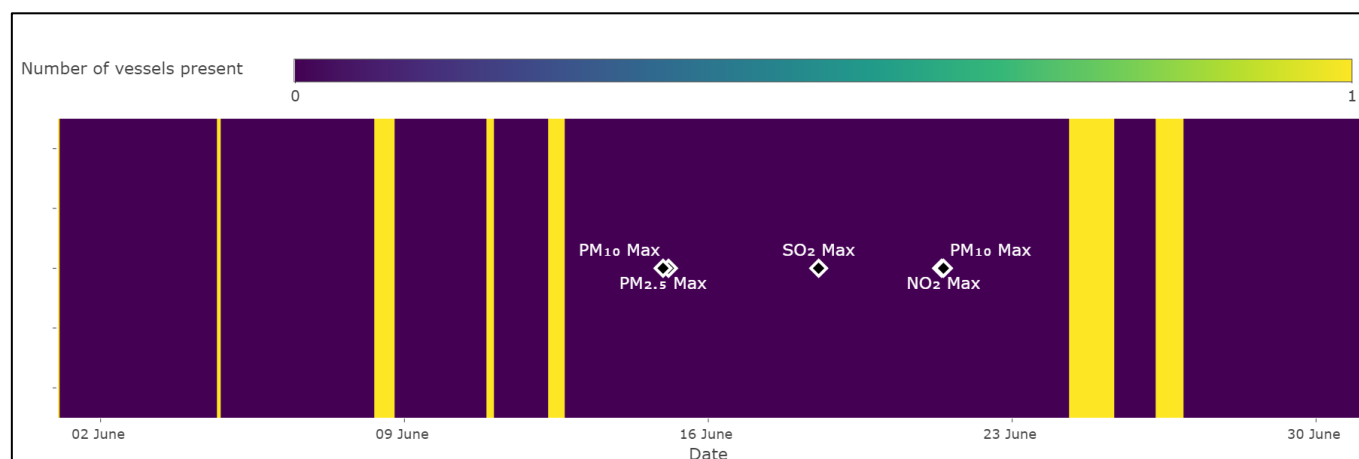


Figure B.24 Number of vessels present compared against maximum concentration observations

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	9%	17.6 µg/m ³	15.2 µg/m ³
PM _{2.5}	8%	5.2 µg/m ³	3.1 µg/m ³
NO ₂	10%	12.8 ppb	10.1 ppb
SO ₂	10%	1.2 ppb	1.1 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 were the planned burns reported to take place around Victoria during mid-June 2024:

- Granite Flat and Mitta Mitta in the Upper Murray
- Fuel reduction burns surrounding Mount Buffalo Chalet, Tawonga and Kancoona South
- Around Marysville and Narbethong
- School Hill

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 June 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}, NO₂ and SO₂ during the month of June 2024 were lower than the adopted short term criteria (1-hour and 24-hour).

On 18 June when higher levels of particulate matter concentrations (PM₁₀ and PM_{2.5}) were observed at Station Pier, elevated particulate concentrations were also observed at EPA Stations, indicating a regional emission source(s), rather than a localised source, contributing to elevated particulate matter levels occurring on same days across EPA stations and Station Pier AQMS.

Appendix C

Data analysis – long term

C-1 PM₁₀

The PM₁₀ data observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 30 June 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.

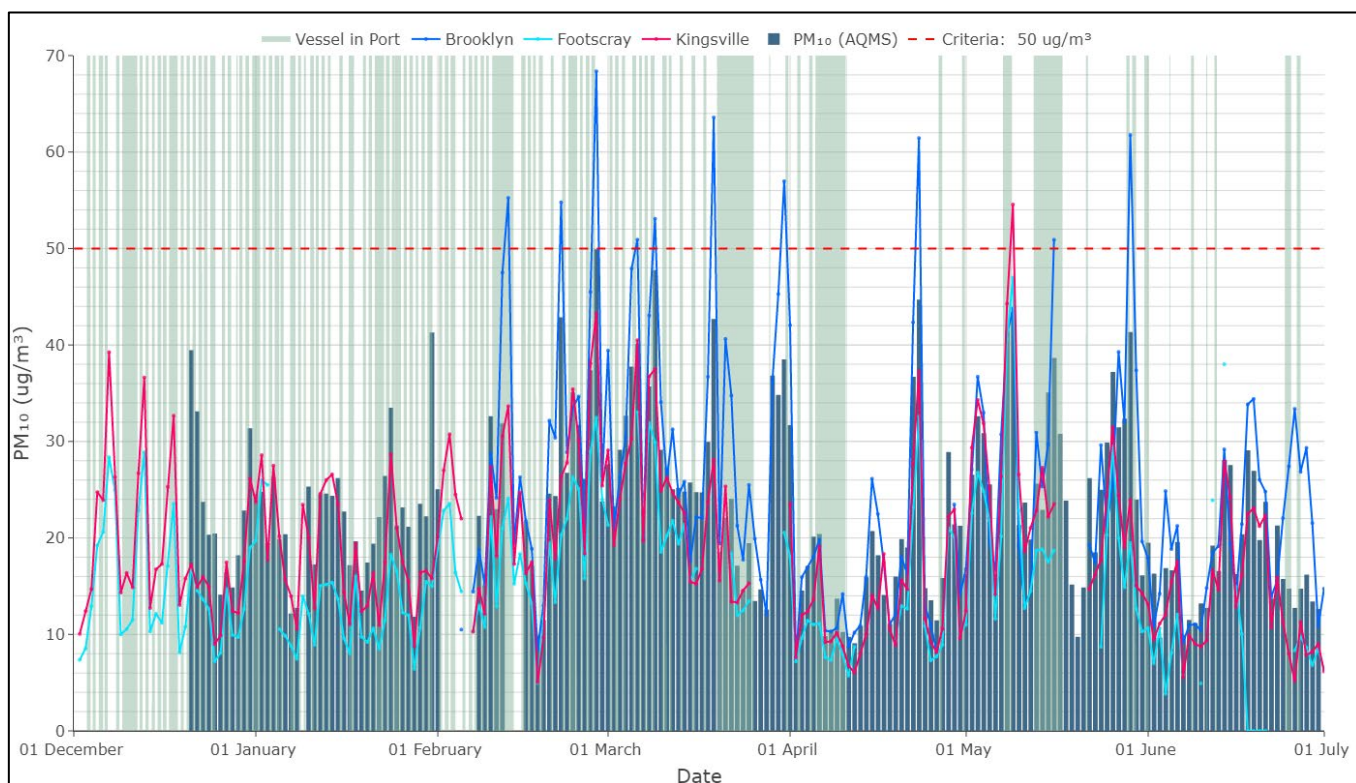


Figure C.1 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - June 2024) (criteria: 50 µg/m³)

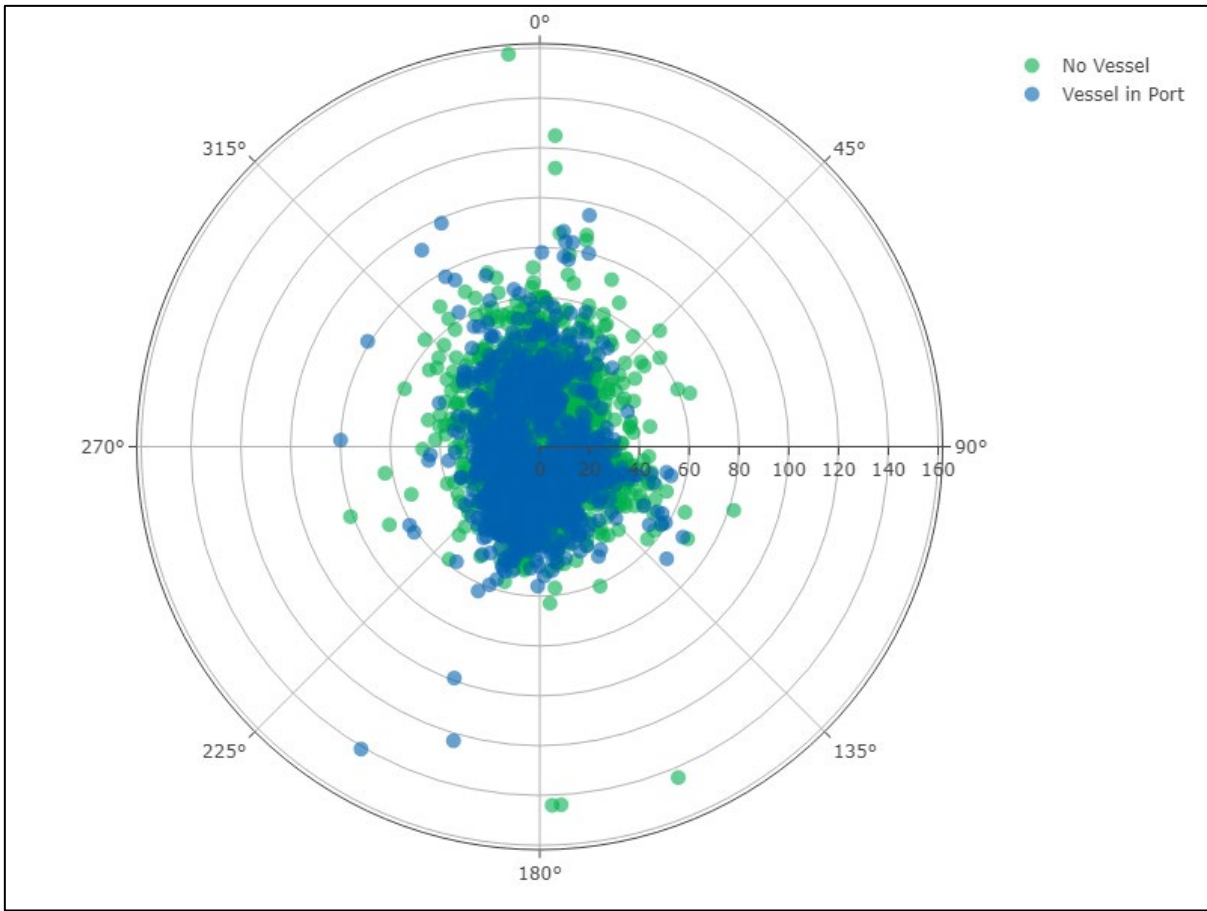


Figure C.2 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - June 2024)

An annual average criterion of $25 \mu\text{g}/\text{m}^3$ is specified for PM_{10} . As less than one year of data is available, annual average concentrations cannot yet be calculated and compared against this criterion. Monthly average and overall average concentrations using all data available to date are presented in Table C.1.

Table C.1 Monthly average PM_{10} concentrations ($\mu\text{g}/\text{m}^3$)

Month	Station Pier	Kingsville	Footscray	Brooklyn
December 2023	23.3	19.0	14.8	-
January 2024	22.1	18.3	12.6	-
February 2024	26.7	23.3	18.6	29.8
March 2024	27.2	23.7	21.0	30.9
April 2024	17.7	13.5	12.0	18.3
May 2024	26.6	24.5	20.6	28.7
June 2024	17.3	13.7	6.6	20.2
2024 year-to-date	22.8	19.1	15.5	25.3
All available data	22.8	19.1	15.4	25.3

“-” indicates no data available

C-2 PM_{2.5}

The PM_{2.5} data observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 30 June 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.

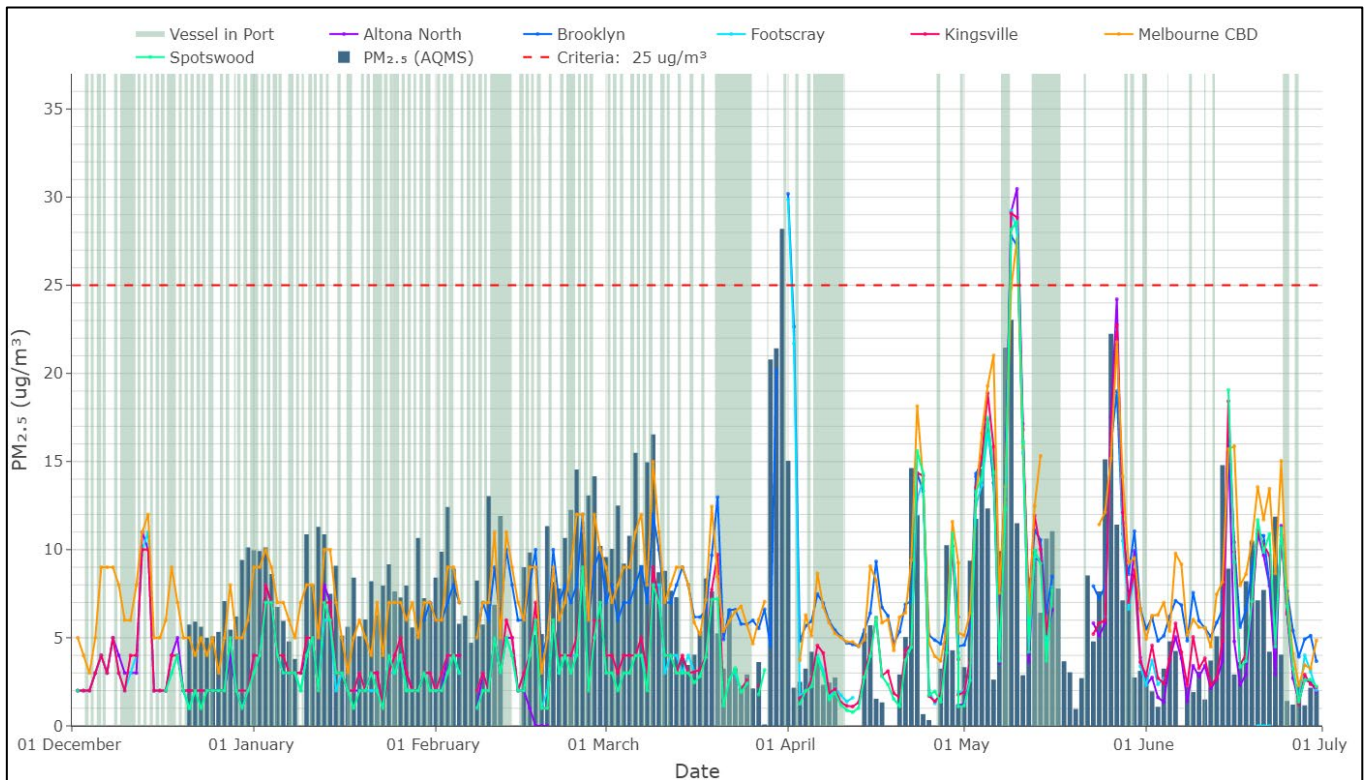


Figure C.3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - June 2024) (criteria: 25 µg/m³)

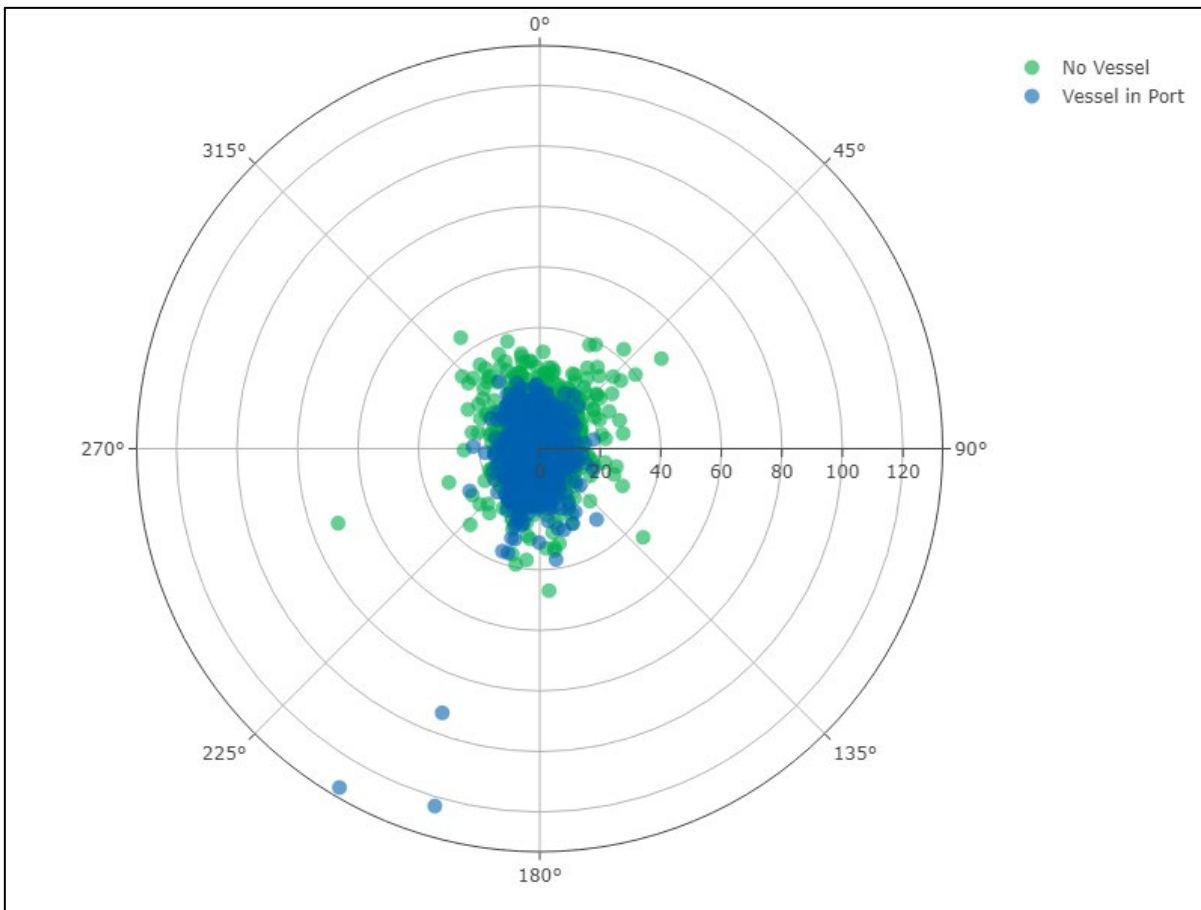


Figure C.4 Hourly average PM_{2.5} concentration (µg/m³) by wind direction (December 2023 - June 2024)

An annual average criterion of 8 µg/m³ 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 (µg/m³)

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
2024 year-to-date	7.7	5.3	4.9	8.3	8.4	5.0	5.4
All available data	7.7	5.0	4.6	8.3	8.1	4.7	4.9

"-" 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 June 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.

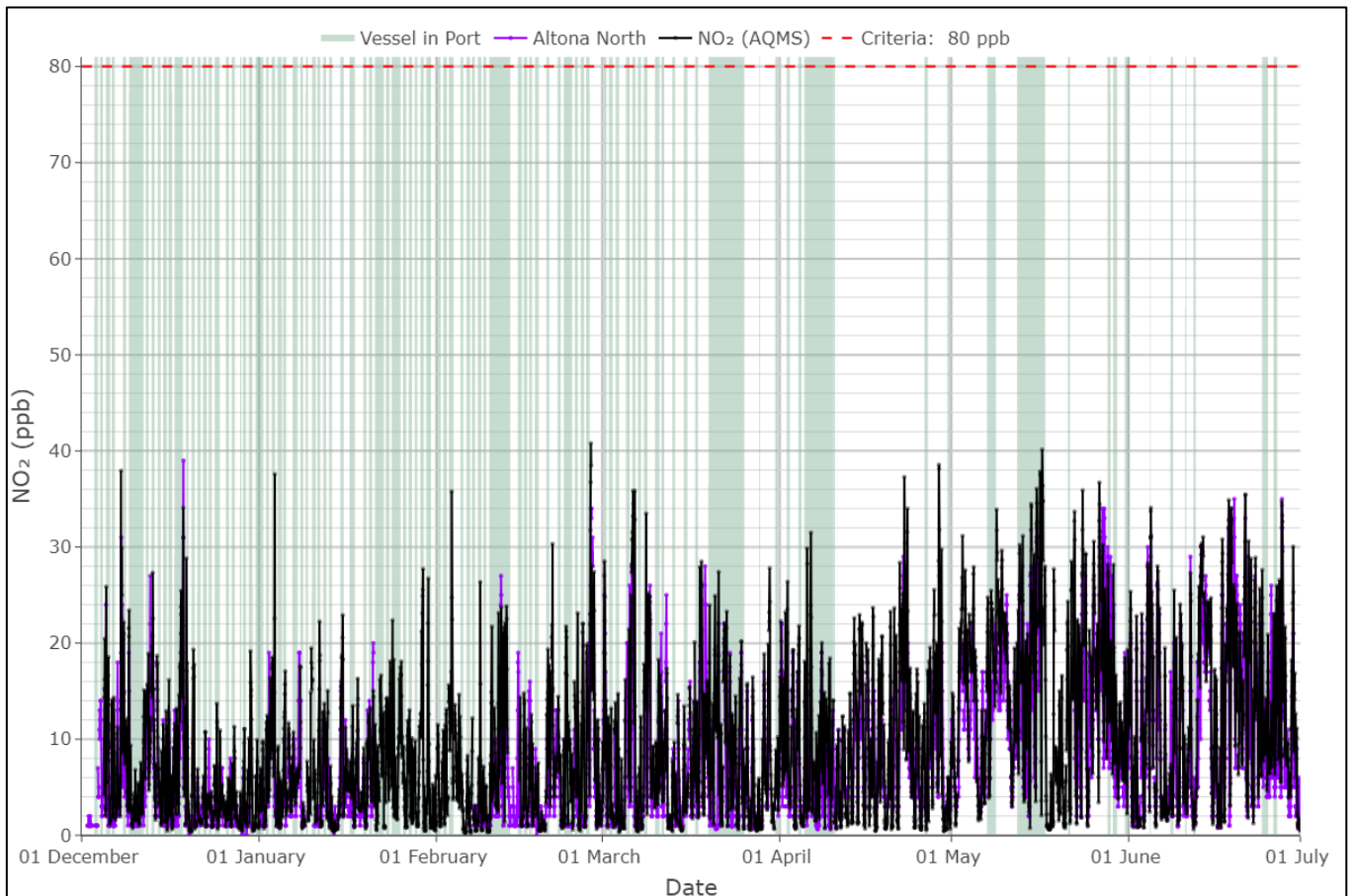


Figure C.5 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - June 2024) (criteria: 80 ppb)

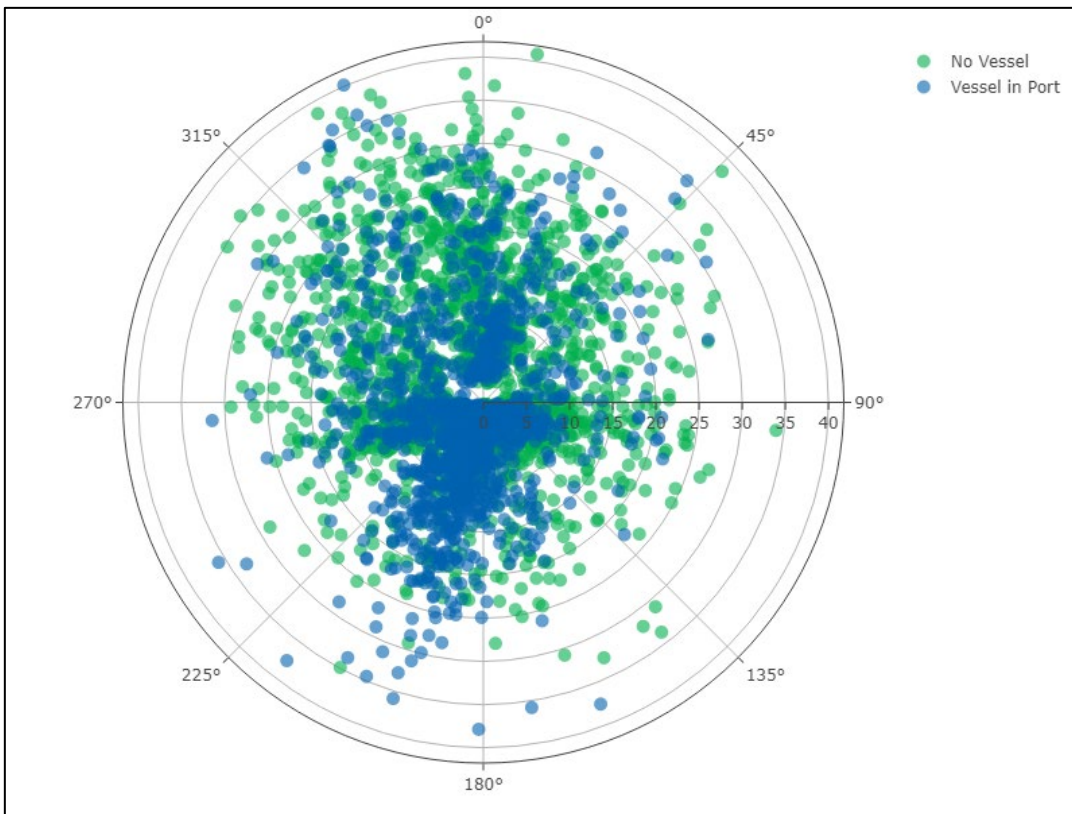


Figure C.6 Hourly average NO₂ concentration (µg/m³) by wind direction (December 2023 - June 2024)

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 (ppb³)

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
2024 year-to-date	9.6	7.9
All available data	9.2	7.3

C-4 SO₂

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

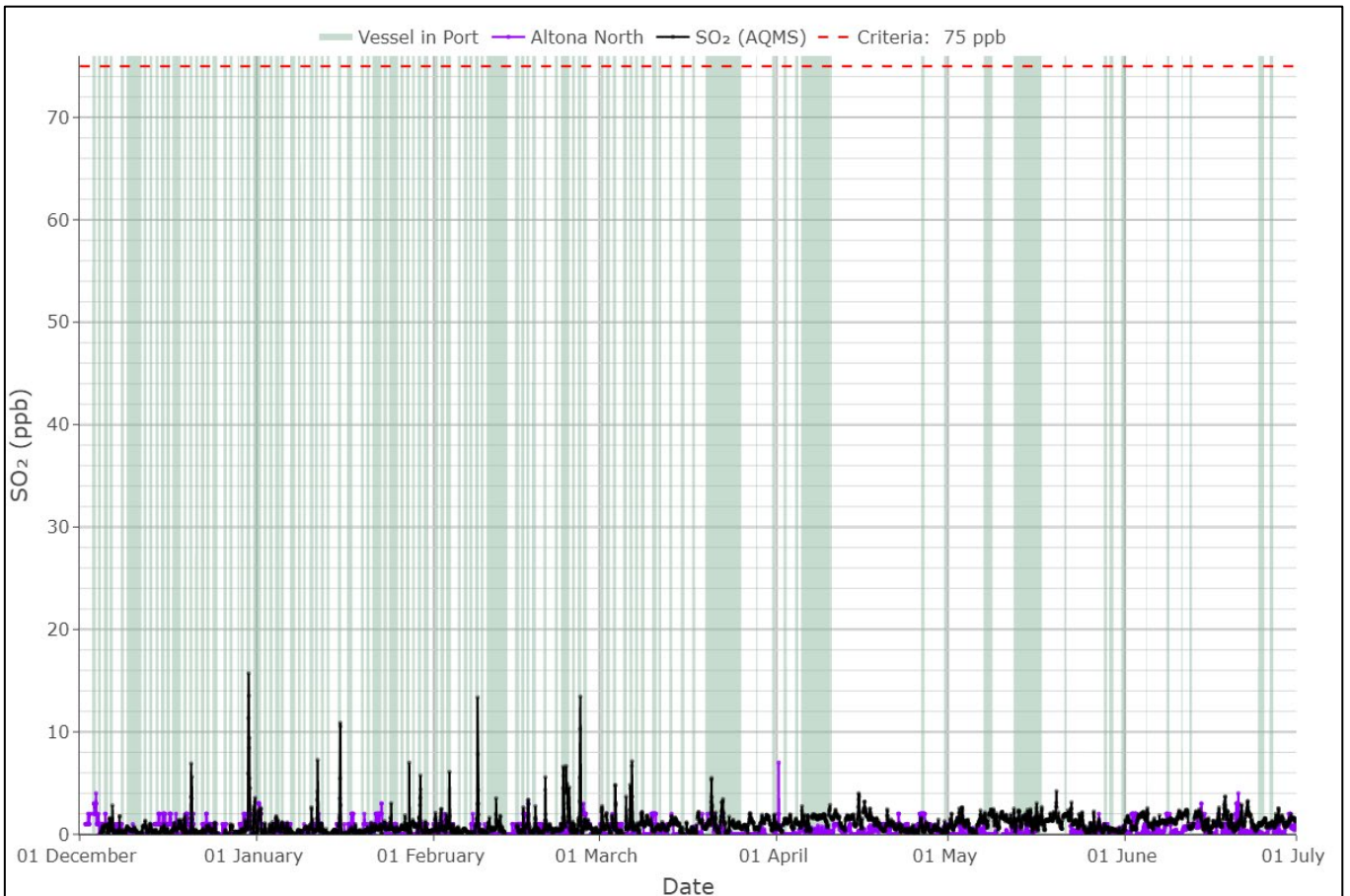


Figure C.7 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA Station (December 2023 - June 2024) (criteria: 75 ppb)

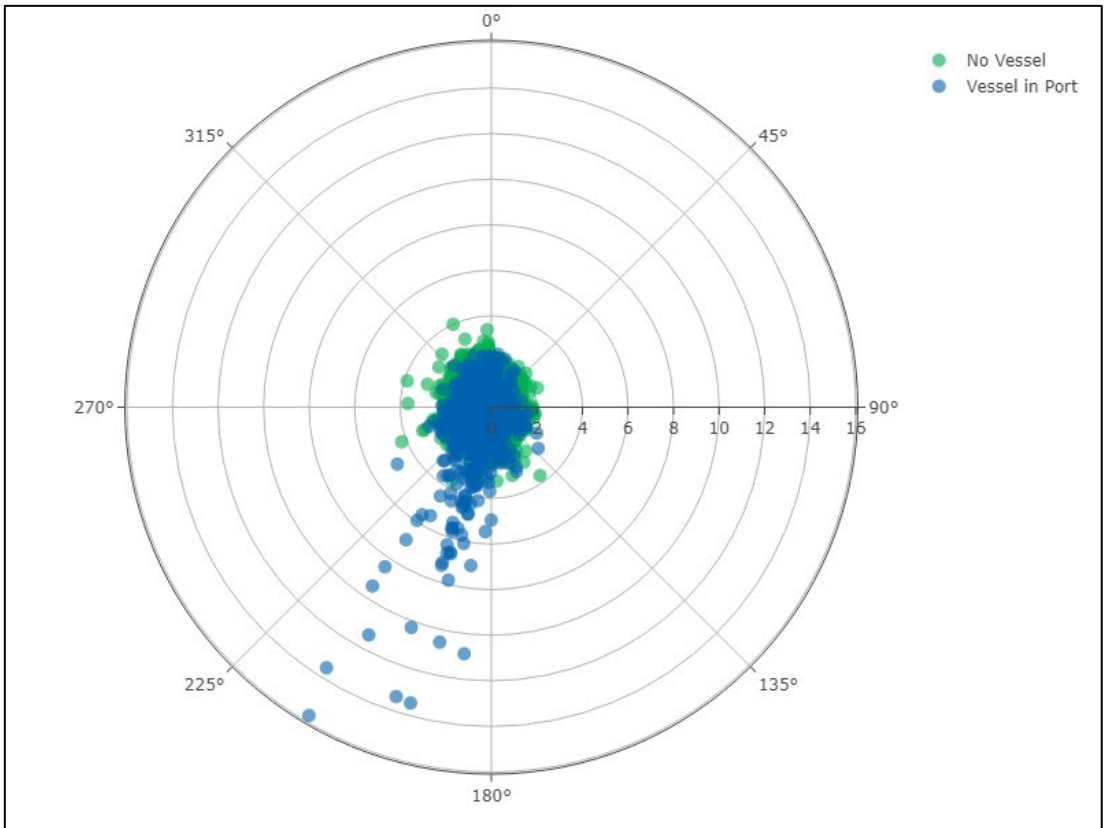


Figure C.8 Hourly average SO₂ concentration (µg/m³) by wind direction (December 2023 - June 2024)

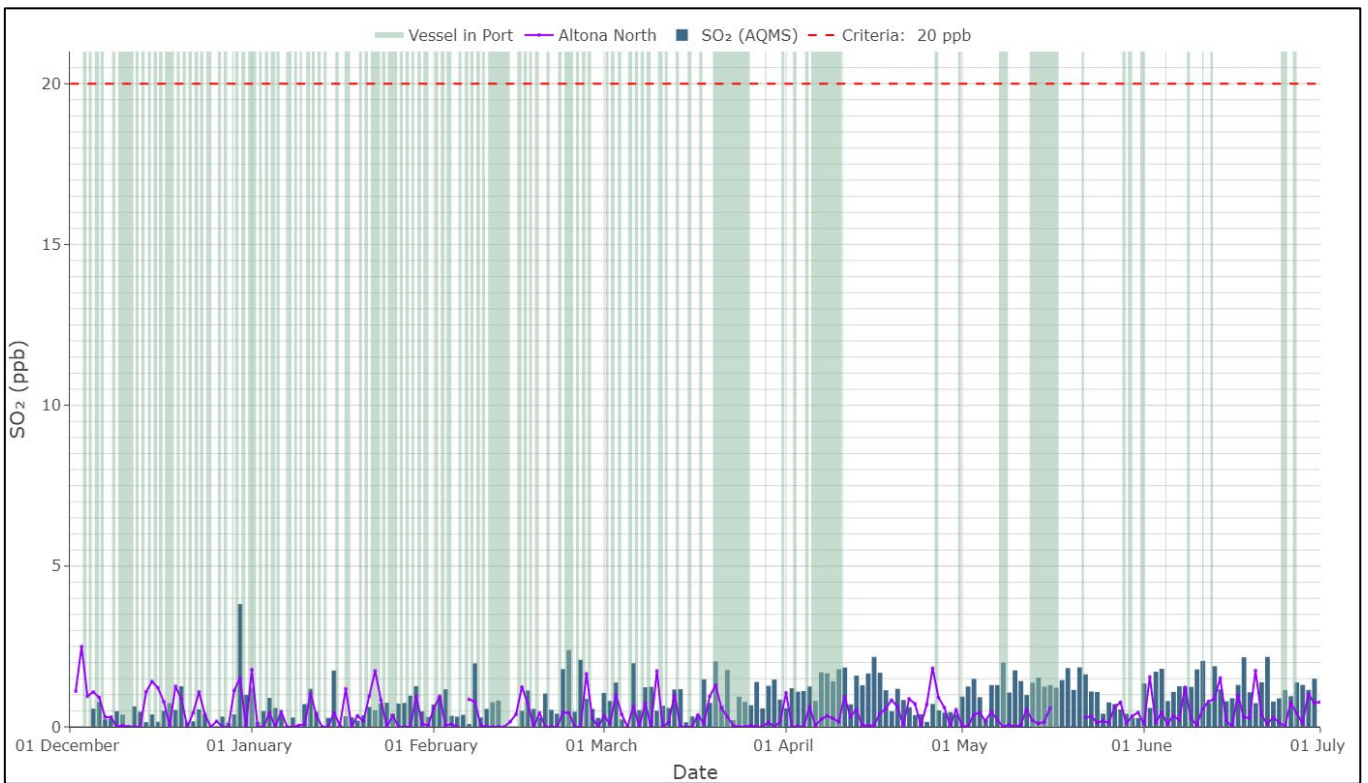


Figure C.9 24-hour average SO₂ concentrations (µg/m³) at Station Pier and local EPA Station (December 2023 - June 2024) (criteria: 20 µg/m³)

Appendix D

June 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 June to 30th June 2024

Report No: DAT21449

Issue Date: 16th July 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
June 2024
5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/06/24 00:05	0	14	14	1	12.7	69	1.9	287	14
01/06/24 00:10	0	13	14	1	12.7	69	1.9	289	14
01/06/24 00:15	0	13	13	1	12.6	69	2.1	291	14
01/06/24 00:20	1	14	15	1	12.6	67	2.2	300	13
01/06/24 00:25	1	23	24	1	12.6	66	1.9	301	12
01/06/24 00:30	2	28	29	1	12.4	67	1.8	295	12
01/06/24 00:35	2	18	20	2	12.5	66	2.4	303	11
01/06/24 00:40	1	15	17	1	12.5	67	2.0	293	16
01/06/24 00:45	1	18	19	2	12.4	70	1.5	283	16
01/06/24 00:50	1	19	20	1	12.4	70	1.7	289	13
01/06/24 00:55	1	21	22	1	12.3	69	2.1	297	12
01/06/24 01:00	1	23	24	2	12.3	70	2.0	290	15
01/06/24 01:05					12.4	70	1.9	292	15
01/06/24 01:10					12.3	71	1.8	294	13
01/06/24 01:15					12.1	70	2.1	298	14
01/06/24 01:20					12.0	70	1.7	307	16
01/06/24 01:25					11.8	71	2.1	315	9
01/06/24 01:30					11.6	71	2.2	314	10
01/06/24 01:35					11.5	71	2.4	308	9
01/06/24 01:40					11.5	72	2.2	309	12
01/06/24 01:45					11.4	73	2.2	309	11
01/06/24 01:50					11.5	73	2.3	303	10
01/06/24 01:55					11.3	73	2.3	304	12
01/06/24 02:00					11.3	73	2.5	311	11
01/06/24 02:05	1	14	15	1	11.3	73	2.8	313	10
01/06/24 02:10	1	14	15	1	11.1	73	2.9	313	7
01/06/24 02:15	1	13	14	1	11.1	73	2.6	318	13
01/06/24 02:20	1	12	13	1	11.1	73	2.5	313	12
01/06/24 02:25	1	12	13	1	11.1	73	2.2	313	13
01/06/24 02:30	1	13	13	1	11.0	74	2.0	318	15
01/06/24 02:35	0	13	14	1	11.0	74	1.9	320	14
01/06/24 02:40	0	16	16	1	10.9	74	1.7	319	18
01/06/24 02:45	1	24	26	1	10.9	75	1.4	328	17
01/06/24 02:50	1	19	20	1	10.9	74	2.1	314	10
01/06/24 02:55	1	15	16	1	10.9	74	2.2	308	12
01/06/24 03:00	1	13	14	1	10.8	75	2.1	309	10
01/06/24 03:05	1	12	12	1	10.7	75	2.4	313	12
01/06/24 03:10	0	11	11	1	10.7	75	2.3	317	10
01/06/24 03:15	0	11	12	1	10.7	75	2.6	316	11
01/06/24 03:20	0	12	12	1	10.6	75	3.0	315	9
01/06/24 03:25	0	12	12	1	10.5	75	2.8	310	8
01/06/24 03:30	0	12	12	1	10.5	75	2.5	313	11
01/06/24 03:35	0	11	11	1	10.5	75	2.8	312	9
01/06/24 03:40	0	11	11	1	10.4	75	2.8	313	8
01/06/24 03:45	0	11	11	1	10.4	75	2.5	317	11
01/06/24 03:50	0	11	11	1	10.4	75	2.6	314	8
01/06/24 03:55	0	11	11	1	10.4	76	2.3	316	12
01/06/24 04:00	0	12	12	1	10.3	76	2.6	316	11
01/06/24 04:05	0	12	12	1	10.3	76	2.5	312	9
01/06/24 04:10	0	13	13	1	10.2	76	2.6	311	8
01/06/24 04:15	0	14	14	1	10.2	77	2.4	298	8
01/06/24 04:20	0	14	14	1	10.1	78	2.3	299	11
01/06/24 04:25	0	14	14	1	10.0	78	2.2	300	10
01/06/24 04:30	0	13	14	1	9.9	78	2.3	301	10
01/06/24 04:35	0	14	14	1	10.0	79	2.2	290	13
01/06/24 04:40	0	14	15	1	10.0	80	1.8	288	14
01/06/24 04:45	1	15	16	1	9.9	80	1.8	282	12
01/06/24 04:50	1	16	17	1	9.8	81	1.7	287	14
01/06/24 04:55	1	17	17	1	9.8	81	1.9	287	13
01/06/24 05:00	1	17	18	1	9.8	81	2.1	290	12
01/06/24 05:05	1	17	18	1	9.8	80	2.3	293	10
01/06/24 05:10	1	16	17	1	9.8	80	2.3	290	14
01/06/24 05:15	1	15	16	1	9.7	80	2.4	293	13
01/06/24 05:20	1	15	15	1	9.7	79	1.9	307	16
01/06/24 05:25	1	15	16	1	9.5	80	1.5	321	24
01/06/24 05:30	1	16	17	1	9.2	80	1.8	1	10
01/06/24 05:35	2	21	23	1	8.9	81	1.8	353	11
01/06/24 05:40	3	25	28	1	8.9	82	1.4	334	16
01/06/24 05:45	4	26	30	1	9.0	82	1.3	321	21
01/06/24 05:50	5	25	30	1	9.2	82	1.7	316	13
01/06/24 05:55	5	24	29	1	9.2	81	2.2	309	12
01/06/24 06:00	5	24	29	1	9.3	81	2.2	295	10
01/06/24 06:05	5	23	27	1	9.4	81	1.6	292	13
01/06/24 06:10	4	22	26	1	9.4	81	1.7	297	12
01/06/24 06:15	3	22	25	1	9.3	82	1.3	284	19
01/06/24 06:20	3	21	24	1	9.4	83	1.6	290	14
01/06/24 06:25	3	21	24	1	9.2	81	1.6	303	13
01/06/24 06:30	3	21	25	1	9.1	81	1.5	315	14
01/06/24 06:35	4	22	26	1	8.8	82	1.5	316	14
01/06/24 06:40	5	22	28	1	8.9	82	1.4	331	17
01/06/24 06:45	6	23	29	1	8.7	82	1.2	341	21
01/06/24 06:50	8	23	31	1	8.6	83	1.3	359	17
01/06/24 06:55	18	24	41	1	8.5	83	1.8	6	13
01/06/24 07:00	26	24	50	1	8.4	84	1.9	9	11
01/06/24 07:05	26	25	50	1	8.3	84	1.2	2	18
01/06/24 07:10	23	26	49	1	8.4	84	1.0	329	20

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/06/24 07:15	20	27	47	1	8.6	85	1.0	314	18
01/06/24 07:20	19	27	46	1	8.6	83	1.0	317	21
01/06/24 07:25	20	26	46	1	8.7	83	0.8	355	35
01/06/24 07:30	22	25	47	1	8.4	83	1.0	20	17
01/06/24 07:35	26	23	49	1	8.2	84	0.8	15	20
01/06/24 07:40	28	23	50	1	8.3	84	0.7	26	17
01/06/24 07:45	26	24	50	1	8.4	84	0.6	15	31
01/06/24 07:50	24	26	49	1	8.4	84	0.7	7	17
01/06/24 07:55	21	26	48	1	8.4	84	0.6	319	26
01/06/24 08:00	18	26	44	2	8.6	84	0.8	308	17
01/06/24 08:05	16	24	39	2	8.8	83	1.1	315	11
01/06/24 08:10	15	23	38	1	8.8	83	0.7	324	17
01/06/24 08:15	15	23	38	2	8.7	83	0.8	350	28
01/06/24 08:20	16	23	39	2	8.5	83	0.8	350	27
01/06/24 08:25	16	22	38	1	8.5	84	0.9	325	13
01/06/24 08:30	16	22	38	1	8.6	83	1.4	6	17
01/06/24 08:35	19	24	43	2	8.8	82	1.0	360	27
01/06/24 08:40	35	26	61	2	9.3	80	0.9	4	34
01/06/24 08:45	41	24	65	2	9.6	78	0.6	41	31
01/06/24 08:50	42	25	67	2	10.2	76	0.9	9	22
01/06/24 08:55	37	24	61	2	10.3	75	0.8	349	33
01/06/24 09:00	23	22	45	2	10.3	75	1.0	302	13
01/06/24 09:05	18	21	39	2	10.1	77	1.5	293	20
01/06/24 09:10	10	20	31	2	9.8	79	1.5	289	19
01/06/24 09:15	12	20	32	2	9.8	79	1.5	274	22
01/06/24 09:20	13	20	33	2	9.8	80	1.5	308	14
01/06/24 09:25	14	20	34	2	9.8	79	1.2	289	20
01/06/24 09:30	14	20	34	2	9.8	79	0.6	261	34
01/06/24 09:35	14	20	34	2	9.9	78	0.9	294	13
01/06/24 09:40	15	20	35	2	10.1	78	0.6	156	41
01/06/24 09:45	16	21	36	2	10.3	78	0.9	241	22
01/06/24 09:50	16	21	37	2	10.3	78	1.0	234	13
01/06/24 09:55	16	22	38	2	10.1	78	0.6	257	18
01/06/24 10:00	16	21	38	2	10.2	79	0.7	227	13
01/06/24 10:05	15	20	35	2	10.2	79	1.0	247	13
01/06/24 10:10	12	14	26	2	10.2	80	0.7	253	17
01/06/24 10:15	8	13	21	2	10.3	81	0.3	207	43
01/06/24 10:20	6	14	20	2	10.5	82	0.2	140	60
01/06/24 10:25	5	15	20	2	10.6	81	0.5	321	41
01/06/24 10:30	6	15	21	2	10.5	82	1.0	339	25
01/06/24 10:35	7	16	23	2	10.5	82	1.2	346	28
01/06/24 10:40	9	21	29	2	10.6	82	1.1	261	21
01/06/24 10:45	14	23	37	1	10.6	82	1.4	253	7
01/06/24 10:50	25	24	49	1	10.9	82	1.1	193	25
01/06/24 10:55	25	25	50	2	11.0	81	0.6	144	40
01/06/24 11:00	22	20	42	2	11.2	80	0.5	198	33
01/06/24 11:05	22	20	43	2	11.3	79	0.3	232	52
01/06/24 11:10	14	8	22	2	11.3	79	1.4	261	7
01/06/24 11:15	8	10	18	2	11.2	79	1.3	265	6
01/06/24 11:20	8	10	18	2	11.3	79	1.7	236	15
01/06/24 11:25	6	10	16	2	11.4	81	2.6	229	7
01/06/24 11:30	5	6	11	2	11.3	80	1.7	235	6
01/06/24 11:35	4	6	9	2	11.3	79	1.0	231	13
01/06/24 11:40	3	6	9	2	11.4	79	0.6	225	27
01/06/24 11:45	3	5	9	2	12.4	76	0.6	217	28
01/06/24 11:50	3	6	9	2	12.5	73	0.7	215	22
01/06/24 11:55	3	6	9	2	12.8	72	1.6	194	8
01/06/24 12:00	3	6	9	2	12.9	70	1.1	226	13
01/06/24 12:05	3	6	8	2	12.8	71	1.2	211	11
01/06/24 12:10	3	5	8	2	12.7	73	1.6	217	11
01/06/24 12:15	2	5	7	2	12.6	74	2.5	217	7
01/06/24 12:20	2	5	7	2	12.5	75	2.0	219	8
01/06/24 12:25	2	4	6	2	12.6	74	1.8	213	8
01/06/24 12:30	2	4	6	2	12.7	75	2.3	219	9
01/06/24 12:35	2	4	6	2	12.6	76	2.4	216	7
01/06/24 12:40	2	4	5	2	12.7	77	2.3	218	9
01/06/24 12:45	1	4	5	2	12.7	78	3.0	230	5
01/06/24 12:50	2	4	6	2	12.5	82	4.3	227	6
01/06/24 12:55	1	2	4	2	12.5	83	4.6	222	5
01/06/24 13:00	1	2	3	2	12.7	83	5.2	210	12
01/06/24 13:05	1	2	3	2	12.5	85	5.1	213	4
01/06/24 13:10	1	2	2	2	12.3	87	4.2	219	5
01/06/24 13:15	0	2	2	1	12.3	87	3.4	224	5
01/06/24 13:20	0	2	2	2	12.5	85	3.5	227	5
01/06/24 13:25	0	2	2	2	12.5	84	2.6	231	6
01/06/24 13:30	0	2	2	2	12.5	83	2.2	230	5
01/06/24 13:35	0	2	2	1	12.8	83	2.5	226	5
01/06/24 13:40	0	2	3	2	13.0	82	2.4	209	6
01/06/24 13:45	1	2	3	1	13.2	80	2.3	206	9
01/06/24 13:50	1	2	3	1	13.5	77	1.8	188	18
01/06/24 13:55	1	2	3	2	13.8	72	2.4	194	11
01/06/24 14:00	1	2	3	1	14.0	71	1.9	191	16
01/06/24 14:05	0	2	2	1	14.4	68	2.0	186	14
01/06/24 14:10	0	2	2	1	14.5	67	2.2	193	13
01/06/24 14:15	0	1	2	1	14.4	67	2.2	193	12
01/06/24 14:20	0	1	2	1	14.2	69	3.0	206	8

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/06/24 14:25	0	1	2	1	13.9	71	3.7	218	8
01/06/24 14:30	0	1	2	1	13.8	73	4.2	217	5
01/06/24 14:35	0	1	1	1	13.7	73	3.2	220	5
01/06/24 14:40	0	1	1	1	14.0	72	3.4	209	7
01/06/24 14:45	0	1	1	1	13.9	72	3.8	209	4
01/06/24 14:50	0	1	1	1	13.9	72	4.1	201	4
01/06/24 14:55	0	1	1	1	14.0	72	4.5	204	6
01/06/24 15:00	0	1	2	1	13.9	74	4.2	206	5
01/06/24 15:05	0	2	2	1	13.8	75	4.7	205	6
01/06/24 15:10	0	2	2	1	13.9	76	5.4	213	5
01/06/24 15:15	0	2	2	1	13.8	78	5.6	222	4
01/06/24 15:20	0	2	2	1	13.7	77	5.7	219	4
01/06/24 15:25	1	3	4	1	13.6	78	5.9	221	4
01/06/24 15:30	1	2	3	1	13.5	79	5.4	225	3
01/06/24 15:35	0	2	2	1	13.6	79	4.8	223	6
01/06/24 15:40	0	2	2	1	13.6	77	4.9	216	4
01/06/24 15:45	0	2	2	1	13.8	76	4.4	203	6
01/06/24 15:50	0	2	2	1	14.0	76	4.5	210	6
01/06/24 15:55	0	2	2	1	13.8	77	4.7	222	6
01/06/24 16:00	0	2	2	1	13.7	77	4.7	223	5
01/06/24 16:05	0	2	3	1	13.8	76	4.6	226	4
01/06/24 16:10	0	2	3	1	13.8	75	4.3	213	7
01/06/24 16:15	0	2	3	1	13.9	75	3.8	196	11
01/06/24 16:20	0	2	3	1	14.0	69	3.7	191	8
01/06/24 16:25	0	2	2	1	14.3	68	3.3	193	9
01/06/24 16:30	0	2	2	1	14.3	67	3.4	190	8
01/06/24 16:35	0	3	3	1	14.2	67	3.1	191	8
01/06/24 16:40	0	3	3	1	14.1	68	2.9	191	9
01/06/24 16:45	0	3	3	1	14.2	67	3.3	190	10
01/06/24 16:50	0	3	3	1	14.2	65	3.4	186	11
01/06/24 16:55	0	3	3	1	14.2	67	2.7	184	13
01/06/24 17:00	0	3	3	1	14.2	68	2.4	181	16
01/06/24 17:05	0	2	3	1	14.3	68	2.8	174	18
01/06/24 17:10	0	2	2	1	14.2	68	2.7	177	17
01/06/24 17:15	0	2	2	1	14.3	69	2.4	157	23
01/06/24 17:20	0	2	2	1	14.1	68	2.5	155	26
01/06/24 17:25	0	1	2	1	14.1	69	2.1	163	26
01/06/24 17:30	0	1	1	1	14.0	68	3.1	151	20
01/06/24 17:35	0	1	1	1	14.0	70	2.5	164	23
01/06/24 17:40	0	1	1	1	14.0	68	2.4	160	26
01/06/24 17:45	0	1	1	1	13.9	65	2.7	172	22
01/06/24 17:50	0	1	1	1	14.0	65	2.9	173	19
01/06/24 17:55	0	1	1	1	14.0	67	3.1	156	25
01/06/24 18:00	0	1	1	1	14.0	66	3.3	165	24
01/06/24 18:05	0	1	1	1	13.9	66	2.7	167	24
01/06/24 18:10	0	1	1	1	13.9	68	2.6	172	26
01/06/24 18:15	0	1	1	1	13.9	69	2.8	171	22
01/06/24 18:20	0	1	1	1	13.8	68	3.6	182	14
01/06/24 18:25	0	1	1	1	13.9	64	3.8	185	12
01/06/24 18:30	0	1	1	1	14.0	65	4.4	189	12
01/06/24 18:35	0	1	1	1	14.0	67	3.3	181	14
01/06/24 18:40	0	1	1	1	13.9	66	2.7	169	21
01/06/24 18:45	0	1	1	1	13.8	67	2.9	171	19
01/06/24 18:50	0	1	1	1	13.8	66	2.5	168	27
01/06/24 18:55	0	1	1	1	13.8	67	2.7	168	25
01/06/24 19:00	0	1	1	1	13.6	70	3.6	125	20
01/06/24 19:05	0	2	3	1	13.3	73	4.2	115	11
01/06/24 19:10	0	5	5	1	13.0	74	4.7	118	10
01/06/24 19:15	0	6	6	1	12.9	74	4.0	117	10
01/06/24 19:20	0	7	7	1	12.7	75	3.5	115	12
01/06/24 19:25	0	7	7	1	12.6	75	3.9	119	11
01/06/24 19:30	0	7	7	1	12.6	76	3.8	116	8
01/06/24 19:35	0	7	7	1	12.6	76	4.0	116	7
01/06/24 19:40	0	7	7	1	12.6	76	3.2	118	10
01/06/24 19:45	0	7	7	1	12.5	77	3.5	117	9
01/06/24 19:50	0	7	7	1	12.4	76	3.7	119	13
01/06/24 19:55	0	6	7	1	12.3	77	3.3	117	12
01/06/24 20:00	0	6	6	1	12.2	77	2.5	120	17
01/06/24 20:05	0	6	6	1	12.2	78	2.4	119	18
01/06/24 20:10	0	6	6	1	12.2	78	3.4	115	12
01/06/24 20:15	0	6	6	1	12.3	77	2.6	121	18
01/06/24 20:20	0	6	6	1	12.2	78	2.8	122	15
01/06/24 20:25	0	6	6	1	12.3	77	3.0	124	18
01/06/24 20:30	0	6	6	1	12.2	77	3.1	128	15
01/06/24 20:35	0	6	6	1	12.1	76	3.3	127	15
01/06/24 20:40	0	6	6	1	12.2	77	2.7	128	17
01/06/24 20:45	0	6	6	1	12.1	78	2.4	118	18
01/06/24 20:50	0	6	6	1	12.1	78	2.3	119	18
01/06/24 20:55	0	6	6	1	12.0	76	2.4	126	17
01/06/24 21:00	0	6	6	1	11.9	76	1.6	123	22
01/06/24 21:05	0	6	6	1	12.0	75	2.2	130	16
01/06/24 21:10	0	6	6	1	11.9	75	1.8	124	19
01/06/24 21:15	0	6	6	1	11.9	75	2.0	118	14
01/06/24 21:20	0	6	6	1	11.7	76	1.8	124	15
01/06/24 21:25	0	6	6	1	11.8	77	2.5	116	10
01/06/24 21:30	0	7	7	1	11.9	78	2.6	114	8

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/06/24 21:35	0	7	7	1	11.8	76	1.5	123	19
01/06/24 21:40	0	7	7	1	11.7	76	1.9	99	12
01/06/24 21:45	0	8	8	1	11.5	75	1.5	110	13
01/06/24 21:50	0	9	9	1	11.4	76	1.6	111	8
01/06/24 21:55	0	9	9	1	11.4	76	1.2	116	14
01/06/24 22:00	0	9	10	1	11.3	77	1.3	112	12
01/06/24 22:05	0	10	10	1	11.2	77	1.5	110	9
01/06/24 22:10	0	11	11	1	11.0	76	1.6	106	11
01/06/24 22:15	0	12	12	1	11.1	78	1.4	116	14
01/06/24 22:20	0	12	12	1	11.3	79	1.9	119	18
01/06/24 22:25	0	11	11	1	11.6	78	2.1	115	14
01/06/24 22:30	0	10	10	1	11.7	76	2.3	121	14
01/06/24 22:35	0	9	9	1	11.9	75	1.8	120	20
01/06/24 22:40	0	9	9	1	11.9	75	1.7	122	19
01/06/24 22:45	0	8	8	1	12.0	76	1.8	126	24
01/06/24 22:50	0	8	8	1	12.1	76	2.1	129	17
01/06/24 22:55	0	8	8	1	12.2	76	2.3	140	18
01/06/24 23:00	0	7	7	1	12.3	74	2.4	136	14
01/06/24 23:05	0	7	7	1	12.4	74	2.4	137	17
01/06/24 23:10	0	7	7	1	12.5	75	2.0	133	18
01/06/24 23:15	0	6	6	1	12.4	73	2.6	130	15
01/06/24 23:20	0	6	6	1	12.4	71	2.7	136	15
01/06/24 23:25	0	5	5	1	12.5	70	2.2	126	18
01/06/24 23:30	0	4	5	1	12.5	69	2.9	123	15
01/06/24 23:35	0	4	4	1	12.5	72	3.2	116	11
01/06/24 23:40	0	5	5	1	12.3	74	4.0	113	7
01/06/24 23:45	0	5	5	1	12.2	74	3.6	110	7
01/06/24 23:50	0	6	6		12.0	75	3.0	102	8
01/06/24 23:55	0	8	8		11.6	74	2.8	101	8
02/06/24 00:00	0	9	9	1	11.5	74	2.3	101	8
02/06/24 00:05	0	9	9	1	11.4	74	2.3	102	6
02/06/24 00:10	0	9	9	1	11.3	74	2.0	100	8
02/06/24 00:15	0	9	9	1	11.3	76	1.6	110	7
02/06/24 00:20	0	9	9	1	11.4	77	1.6	113	9
02/06/24 00:25	0	9	9	1	11.4	77	1.6	113	11
02/06/24 00:30	0	10	10	1	11.4	76	1.5	102	14
02/06/24 00:35	0	10	10	1	11.3	76	1.4	94	9
02/06/24 00:40	0	11	11	1	11.4	75	1.8	93	6
02/06/24 00:45	0	12	12	1	11.4	74	1.9	101	8
02/06/24 00:50	0	12	12	1	11.4	74	1.9	106	8
02/06/24 00:55	0	12	12	1	11.5	74	2.0	103	9
02/06/24 01:00	0	12	12	1	11.6	73	2.3	104	9
02/06/24 01:05					11.7	73	2.4	106	8
02/06/24 01:10					11.8	73	2.8	112	9
02/06/24 01:15					12.0	75	2.3	109	8
02/06/24 01:20					12.0	72	2.4	113	7
02/06/24 01:25					12.0	73	2.1	109	8
02/06/24 01:30					11.9	73	2.0	102	9
02/06/24 01:35					11.8	74	1.5	111	10
02/06/24 01:40					11.8	73	1.5	103	10
02/06/24 01:45					11.7	74	1.1	117	11
02/06/24 01:50					11.7	74	0.7	127	27
02/06/24 01:55					11.8	75	0.8	169	29
02/06/24 02:00					11.9	75	1.1	138	23
02/06/24 02:05	0	11	11	1	12.0	77	0.8	187	22
02/06/24 02:10	0	10	10	1	12.0	76	0.8	154	24
02/06/24 02:15	0	9	10	0	12.0	76	1.2	165	27
02/06/24 02:20	0	9	9	0	12.0	75	1.3	158	28
02/06/24 02:25	0	8	8	0	12.1	74	1.5	135	19
02/06/24 02:30	0	7	8	0	12.1	74	1.6	137	16
02/06/24 02:35	0	7	7	0	12.1	76	1.1	117	19
02/06/24 02:40	0	7	7	0	12.0	76	1.1	134	15
02/06/24 02:45	0	7	7	0	12.0	77	0.9	155	29
02/06/24 02:50	0	7	6	0	12.0	77	1.1	141	22
02/06/24 02:55	0	6	6	0	12.0	77	0.9	146	29
02/06/24 03:00	0	6	6	0	12.0	77	1.0	118	16
02/06/24 03:05	0	6	6	0	11.8	77	0.4	85	46
02/06/24 03:10	0	6	7	0	11.3	78	0.8	67	21
02/06/24 03:15	0	7	7	0	10.9	79	0.9	110	10
02/06/24 03:20	0	7	8	0	10.8	81	1.0	113	11
02/06/24 03:25	0	8	8	0	10.7	81	1.9	104	8
02/06/24 03:30	0	8	8	0	10.9	79	2.2	100	7
02/06/24 03:35	0	8	8	0	11.1	78	2.2	100	8
02/06/24 03:40	0	8	8	0	11.2	77	1.7	103	9
02/06/24 03:45	0	8	8	0	11.2	78	1.2	128	19
02/06/24 03:50	0	7	7	0	11.6	77	2.0	127	17
02/06/24 03:55	0	7	7	0	11.8	76	1.7	120	17
02/06/24 04:00	0	7	7	0	11.9	76	1.5	129	19
02/06/24 04:05	0	6	6	0	12.0	76	1.5	131	18
02/06/24 04:10	0	6	6	0	12.1	77	1.5	141	29
02/06/24 04:15	0	5	6	1	12.3	77	2.2	177	20
02/06/24 04:20	0	4	4	1	12.5	76	2.4	178	21
02/06/24 04:25	0	3	3	1	12.6	74	2.0	162	29
02/06/24 04:30	0	2	2	1	12.6	71	2.2	161	25
02/06/24 04:35	0	1	2	1	12.5	73	2.3	145	27
02/06/24 04:40	0	2	2	1	12.3	74	1.8	111	17

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/06/24 04:45	0	3	3	1	12.0	79	1.8	111	12
02/06/24 04:50	0	4	4	1	11.7	79	1.4	111	13
02/06/24 04:55	0	4	4	1	11.5	81	1.7	140	21
02/06/24 05:00	0	4	4	1	11.8	78	1.7	139	21
02/06/24 05:05	0	3	3	1	12.0	79	1.5	154	27
02/06/24 05:10	0	3	3	1	12.1	77	1.8	165	26
02/06/24 05:15	0	2	2	1	12.2	77	1.8	184	20
02/06/24 05:20	0	2	2	1	12.3	75	2.6	188	11
02/06/24 05:25	0	1	1	1	12.3	74	2.4	184	18
02/06/24 05:30	0	1	1	1	12.4	72	2.3	180	18
02/06/24 05:35	0	1	1	1	12.4	72	1.8	182	19
02/06/24 05:40	0	1	1	1	12.4	70	2.0	178	23
02/06/24 05:45	0	1	1	1	12.4	69	1.6	172	27
02/06/24 05:50	0	1	1	1	12.4	67	1.6	144	38
02/06/24 05:55	0	1	1	1	12.0	75	2.7	96	6
02/06/24 06:00	0	2	2	1	11.4	76	2.5	97	6
02/06/24 06:05	0	3	3	1	10.9	77	2.3	101	8
02/06/24 06:10	0	4	4	1	10.9	77	2.3	101	8
02/06/24 06:15	0	5	5	1	10.8	77	2.1	103	6
02/06/24 06:20	0	5	5	1	10.7	77	1.8	105	8
02/06/24 06:25	0	5	5	0	10.6	76	1.7	101	7
02/06/24 06:30	0	5	5	0	10.5	76	1.5	100	6
02/06/24 06:35	0	5	5	0	10.4	77	1.3	96	8
02/06/24 06:40	0	6	6	0	10.1	78	0.6	90	14
02/06/24 06:45	0	6	6	0	10.0	78	0.5	84	15
02/06/24 06:50	0	6	7	0	9.7	79	0.4	79	14
02/06/24 06:55	0	7	7	0	9.7	80	0.4	93	14
02/06/24 07:00	0	7	7	0	9.9	80	0.4	90	17
02/06/24 07:05	0	7	7	0	9.9	80	0.4	103	9
02/06/24 07:10	0	7	7	0	9.9	79	0.7	92	9
02/06/24 07:15	0	8	8	0	9.9	80	1.0	63	12
02/06/24 07:20	1	9	10	0	9.8	81	1.4	29	8
02/06/24 07:25	2	24	27	1	9.8	81	1.5	6	19
02/06/24 07:30	22	24	46	1	9.7	83	1.0	345	24
02/06/24 07:35	26	24	50	1	9.8	83	0.6	331	31
02/06/24 07:40	26	25	51	1	9.8	83	0.4	344	35
02/06/24 07:45	22	30	52	1	9.8	83	1.7	305	8
02/06/24 07:50	15	25	39	1	9.8	83	0.6	309	14
02/06/24 07:55	25	23	48	1	9.7	83	1.0	23	25
02/06/24 08:00	44	26	70	1	9.6	85	0.9	328	38
02/06/24 08:05	28	25	53	1	9.6	85	1.8	294	8
02/06/24 08:10	13	25	38	1	9.9	86	1.1	307	34
02/06/24 08:15	16	23	39	1	9.8	85	1.2	1	11
02/06/24 08:20	18	23	40	1	9.8	85	0.9	343	20
02/06/24 08:25	18	23	41	1	9.8	85	0.7	319	16
02/06/24 08:30	18	23	41	1	10.0	85	1.1	298	11
02/06/24 08:35	18	23	41	1	10.1	86	0.7	282	22
02/06/24 08:40	18	23	40	1	10.2	85	1.0	289	13
02/06/24 08:45	15	22	37	1	10.2	86	1.3	291	13
02/06/24 08:50	13	22	35	1	10.3	86	1.1	290	13
02/06/24 08:55	12	21	34	1	10.4	85	0.8	288	15
02/06/24 09:00	14	22	35	1	10.6	85	1.2	282	14
02/06/24 09:05	14	22	36	1	10.8	86	1.0	286	18
02/06/24 09:10	14	22	36	1	10.8	85	1.1	288	17
02/06/24 09:15	14	21	35	1	10.9	85	1.2	286	16
02/06/24 09:20	14	21	35	1	11.0	85	1.0	286	16
02/06/24 09:25	13	21	34	1	10.9	83	1.1	289	19
02/06/24 09:30	13	21	34	1	11.1	83	1.1	309	9
02/06/24 09:35	13	21	34	1	11.2	82	0.8	338	12
02/06/24 09:40	12	20	32	1	11.2	82	1.0	305	9
02/06/24 09:45	11	18	29	1	11.5	82	1.1	296	9
02/06/24 09:50	10	14	24	1	11.5	81	1.0	296	12
02/06/24 09:55	10	16	26	1	11.7	81	0.8	289	16
02/06/24 10:00	9	16	25	1	11.9	80	0.7	288	14
02/06/24 10:05	8	16	24	1	12.0	79	0.7	301	16
02/06/24 10:10	7	17	24	1	12.1	79	0.3	305	36
02/06/24 10:15	6	17	23	1	12.3	78	0.3	328	39
02/06/24 10:20	5	16	21	1	12.5	77	0.2	7	79
02/06/24 10:25	3	12	15	1	12.7	75	0.8	137	45
02/06/24 10:30	3	8	11	1	13.0	74	2.9	184	24
02/06/24 10:35	2	0	3	1	13.6	71	4.5	182	15
02/06/24 10:40				1	13.7	72	4.3	175	16
02/06/24 10:45				1	13.7	72	4.1	180	14
02/06/24 10:50	1	0	1	1	13.7	72	4.1	186	16
02/06/24 10:55	0	1	1	1	13.6	69	4.2	181	15
02/06/24 11:00	0	1	1	1	13.8	70	4.0	171	24
02/06/24 11:05	0	1	1	1	13.7	72	3.1	164	35
02/06/24 11:10	0	1	1	1	13.4	74	3.7	164	28
02/06/24 11:15	0	1	1	1	13.2	75	4.2	166	21
02/06/24 11:20	0	1	1	1	12.9	75	2.9	167	25
02/06/24 11:25	0	1	1	1	13.0	74	2.1	172	25
02/06/24 11:30	0	1	1	1	13.3	71	2.3	169	23
02/06/24 11:35	0	1	1	1	13.3	69	2.5	154	24
02/06/24 11:40	0	1	1	1	13.5	70	2.2	168	26
02/06/24 11:45	0	1	1	1	13.7	69	3.1	148	26
02/06/24 11:50	0	1	1	1	13.6	70	4.6	141	17

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/06/24 11:55	0	1	1	1	13.7	69	4.1	150	25
02/06/24 12:00	0	1	1	1	13.7	69	3.1	156	26
02/06/24 12:05	0	1	1	1	13.7	68	3.5	152	24
02/06/24 12:10	0	1	1	1	13.7	68	3.0	149	26
02/06/24 12:15	0	1	1	1	13.8	69	2.4	160	27
02/06/24 12:20	0	1	1	1	14.0	67	2.2	160	37
02/06/24 12:25	0	1	1	1	13.9	70	3.4	131	25
02/06/24 12:30	0	2	2	1	13.7	71	2.4	133	19
02/06/24 12:35	0	2	2	1	13.6	70	2.6	160	28
02/06/24 12:40	0	2	2	1	13.8	68	3.2	176	18
02/06/24 12:45	0	2	2	1	14.0	67	3.2	168	20
02/06/24 12:50	0	2	2	1	14.0	67	2.8	170	31
02/06/24 12:55	0	1	1	1	14.0	67	3.7	183	16
02/06/24 13:00	0	1	1	1	14.0	68	4.0	174	19
02/06/24 13:05	0	1	1	1	14.0	68	3.8	173	20
02/06/24 13:10	0	1	1	1	13.9	66	3.9	171	21
02/06/24 13:15	0	1	1	1	13.9	67	3.6	167	22
02/06/24 13:20	0	1	1	1	13.9	67	3.6	167	22
02/06/24 13:25	0	1	1	1	13.9	66	3.1	168	28
02/06/24 13:30	0	1	1	1	14.0	66	3.3	174	21
02/06/24 13:35	0	1	1	1	14.0	65	3.7	167	23
02/06/24 13:40	0	1	1	1	14.2	67	3.4	163	24
02/06/24 13:45	0	1	1	1	13.8	69	2.9	165	31
02/06/24 13:50	0	1	1	1	13.7	68	2.7	159	27
02/06/24 13:55	0	1	1	1	13.7	67	2.7	165	25
02/06/24 14:00	0	1	1	1	13.7	67	3.0	171	25
02/06/24 14:05	0	1	1	1	13.7	67	3.3	174	16
02/06/24 14:10	0	1	1	1	13.8	67	3.0	174	19
02/06/24 14:15	0	1	1	1	13.7	66	3.1	174	17
02/06/24 14:20	0	1	1	1	13.8	66	3.0	177	19
02/06/24 14:25	0	1	1	1	13.8	65	3.0	178	15
02/06/24 14:30	0	1	1	1	13.8	66	2.8	171	21
02/06/24 14:35	0	1	1	1	13.8	65	3.5	176	16
02/06/24 14:40	0	1	1	1	13.7	65	3.3	182	14
02/06/24 14:45	0	1	1	1	13.6	65	3.0	182	13
02/06/24 14:50	0	1	1	1	13.6	65	3.1	185	16
02/06/24 14:55	0	1	1	1	13.6	64	2.6	170	24
02/06/24 15:00	0	1	1	1	13.6	63	2.5	164	29
02/06/24 15:05	0	1	1	1	13.6	64	2.7	157	26
02/06/24 15:10	0	1	1	1	13.6	67	2.5	162	33
02/06/24 15:15	0	1	1	1	13.6	66	3.3	174	20
02/06/24 15:20	0	1	1	1	13.6	64	3.0	172	24
02/06/24 15:25	0	1	1	1	13.6	63	2.5	171	25
02/06/24 15:30	0	1	1	1	13.7	62	2.3	170	32
02/06/24 15:35	0	1	1	1	13.9	60	3.1	174	19
02/06/24 15:40	0	1	1	1	13.9	60	3.2	178	20
02/06/24 15:45	0	1	1	1	13.8	59	3.3	187	14
02/06/24 15:50	0	1	1	1	13.8	59	2.9	188	12
02/06/24 15:55	0	1	1	1	14.0	58	3.6	190	13
02/06/24 16:00	0	1	1	1	14.1	59	3.4	191	10
02/06/24 16:05	0	1	1	1	14.2	55	3.8	192	9
02/06/24 16:10	0	1	1	1	14.2	55	4.2	187	11
02/06/24 16:15	0	1	1	1	14.2	56	3.8	190	11
02/06/24 16:20	0	1	1	1	14.2	54	3.9	195	7
02/06/24 16:25	0	1	1	1	14.2	53	3.3	193	12
02/06/24 16:30	0	2	2	0	14.2	51	3.5	200	5
02/06/24 16:35	0	1	1	0	14.2	53	3.9	201	4
02/06/24 16:40	0	1	1	1	14.0	55	4.6	202	5
02/06/24 16:45	0	1	1	1	13.8	57	4.1	196	8
02/06/24 16:50	0	1	1	1	13.7	59	4.5	197	8
02/06/24 16:55	0	1	1	1	13.5	63	4.0	197	7
02/06/24 17:00	0	1	1	0	13.4	61	3.9	196	9
02/06/24 17:05	0	1	1	0	13.4	61	4.0	194	8
02/06/24 17:10	0	1	1	0	13.4	63	4.3	195	8
02/06/24 17:15	0	1	1	0	13.4	66	4.6	194	9
02/06/24 17:20	0	1	1	0	13.5	69	5.3	198	6
02/06/24 17:25	0	1	1	0	13.5	68	5.2	194	7
02/06/24 17:30	0	1	1	1	13.3	67	5.2	194	8
02/06/24 17:35	0	1	1	1	13.4	68	5.1	193	8
02/06/24 17:40	0	2	2	0	13.3	68	5.4	188	9
02/06/24 17:45	0	3	3	0	13.2	68	4.9	189	10
02/06/24 17:50	0	3	4	0	13.2	68	4.7	186	10
02/06/24 17:55	0	3	3	0	13.3	69	3.4	185	14
02/06/24 18:00	0	3	3	0	13.3	70	4.3	186	12
02/06/24 18:05	0	3	3	1	13.2	71	4.4	190	11
02/06/24 18:10	0	2	2	1	13.3	71	4.0	187	13
02/06/24 18:15	0	2	2	1	13.3	72	3.9	183	13
02/06/24 18:20	0	2	2	1	13.3	73	3.3	179	19
02/06/24 18:25	0	1	1	1	13.2	72	4.8	190	9
02/06/24 18:30	0	1	1	0	13.1	73	4.6	188	9
02/06/24 18:35	0	1	1	0	13.2	73	4.2	189	11
02/06/24 18:40	0	1	1	0	13.2	74	3.0	180	17
02/06/24 18:45	0	1	1	0	13.2	73	4.2	187	12
02/06/24 18:50	0	1	1	0	13.2	72	3.3	186	12
02/06/24 18:55	0	1	1	0	13.1	72	4.9	191	10
02/06/24 19:00	0	1	1	0	13.1	71	4.2	190	9

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/06/24 19:05	0	1	1	0	13.1	71	4.1	189	10
02/06/24 19:10	0	1	1	0	13.1	72	4.1	187	11
02/06/24 19:15	0	1	1	0	13.1	72	4.2	187	12
02/06/24 19:20	0	1	1	0	13.2	74	3.5	181	14
02/06/24 19:25	0	1	1	0	13.1	74	3.2	176	17
02/06/24 19:30	0	1	1	1	13.0	75	3.1	179	18
02/06/24 19:35	0	1	1	1	13.1	75	3.1	177	18
02/06/24 19:40	0	1	1	1	13.0	75	3.4	182	14
02/06/24 19:45	0	1	1	1	12.9	76	3.1	182	15
02/06/24 19:50	0	1	1	1	12.8	72	3.8	186	13
02/06/24 19:55	0	1	1	1	12.9	73	3.2	186	14
02/06/24 20:00	0	1	1	1	12.9	74	3.0	181	20
02/06/24 20:05	0	1	1	1	13.0	74	2.7	161	27
02/06/24 20:10	0	1	1	1	13.0	73	3.1	171	25
02/06/24 20:15	0	1	1	1	13.1	73	3.2	166	23
02/06/24 20:20	0	1	1	1	13.0	74	2.8	144	35
02/06/24 20:25	0	1	1	1	12.5	79	3.6	116	13
02/06/24 20:30	0	1	1	1	12.2	80	3.1	125	15
02/06/24 20:35	0	1	1	1	12.3	83	4.8	112	9
02/06/24 20:40	0	2	2	1	12.0	85	4.1	105	8
02/06/24 20:45	0	2	2	1	11.6	86	4.0	98	8
02/06/24 20:50	0	3	2	1	11.4	88	3.2	105	9
02/06/24 20:55	0	3	3	1	11.5	88	3.3	109	8
02/06/24 21:00	0	3	3	1	11.7	84	3.0	127	14
02/06/24 21:05	0	3	3	0	11.9	82	2.7	139	18
02/06/24 21:10	0	2	2	0	12.1	81	2.0	161	29
02/06/24 21:15	0	2	2	0	12.3	78	2.5	174	26
02/06/24 21:20	0	2	2	0	12.5	75	2.4	168	26
02/06/24 21:25	0	2	2	0	12.6	73	2.7	173	22
02/06/24 21:30	0	2	2	0	12.6	72	3.3	179	20
02/06/24 21:35	0	2	2	0	12.8	65	4.5	188	10
02/06/24 21:40	0	1	1	0	13.0	64	4.6	187	11
02/06/24 21:45	0	1	1	1	13.0	64	4.2	185	12
02/06/24 21:50	0	1	1	0	12.9	65	4.1	185	13
02/06/24 21:55	0	2	2	0	12.9	67	3.5	183	14
02/06/24 22:00	0	1	2	1	13.0	67	3.0	181	14
02/06/24 22:05	0	1	2	0	12.9	66	3.3	187	15
02/06/24 22:10	0	2	2	1	13.0	67	3.1	183	15
02/06/24 22:15	0	2	2	0	13.0	68	2.7	181	18
02/06/24 22:20	0	2	2	0	13.0	66	2.8	183	15
02/06/24 22:25	0	2	2	0	13.0	65	2.6	176	20
02/06/24 22:30	0	1	2	0	13.0	66	3.0	177	19
02/06/24 22:35	0	2	2	1	13.0	65	3.3	188	10
02/06/24 22:40	0	2	2	1	13.0	67	2.7	187	14
02/06/24 22:45	0	2	2	0	13.0	67	3.5	194	10
02/06/24 22:50	0	2	2	0	13.0	66	4.3	194	9
02/06/24 22:55	0	2	2	1	13.0	66	4.1	195	8
02/06/24 23:00	0	2	2	1	13.0	64	4.1	192	8
02/06/24 23:05	0	2	2	0	12.9	63	4.1	189	9
02/06/24 23:10	0	1	1	0	12.8	65	3.8	191	9
02/06/24 23:15	0	1	1	0	12.9	68	5.3	196	8
02/06/24 23:20	0	1	1	0	12.8	73	6.4	205	6
02/06/24 23:25	0	1	1	0	12.9	73	6.0	207	5
02/06/24 23:30	0	1	1	1	12.8	72	5.2	202	7
02/06/24 23:35	0	1	1	1	12.8	72	4.8	200	4
02/06/24 23:40	0	1	1	1	12.9	72	5.1	201	5
02/06/24 23:45	0	1	1	1	12.9	73	4.9	210	6
02/06/24 23:50	0	1	1		12.8	74	4.7	214	4
02/06/24 23:55	0	1	1		12.9	74	4.8	216	7
03/06/24 00:00	0	1	1	1	12.5	75	4.6	242	8
03/06/24 00:05	0	1	1	1	12.0	76	4.5	251	4
03/06/24 00:10	0	1	2	1	11.7	77	4.5	249	6
03/06/24 00:15	0	2	2	1	11.4	79	4.7	248	5
03/06/24 00:20	0	2	2	1	11.4	81	4.4	249	5
03/06/24 00:25	0	2	2	1	11.2	80	4.3	252	7
03/06/24 00:30	0	2	2	1	11.1	81	4.5	249	6
03/06/24 00:35	0	2	2	1	11.1	82	4.6	246	4
03/06/24 00:40	0	2	2	1	11.0	82	4.5	248	6
03/06/24 00:45	0	2	2	1	11.0	83	4.8	250	4
03/06/24 00:50	0	2	2	1	11.0	83	4.4	251	5
03/06/24 00:55	0	2	2	1	10.9	84	4.8	251	6
03/06/24 01:00	0	2	2	1	10.9	84	5.2	253	4
03/06/24 01:05					10.8	84	5.0	253	7
03/06/24 01:10					10.7	83	4.9	253	6
03/06/24 01:15					10.6	83	4.1	254	9
03/06/24 01:20					10.5	84	3.9	258	8
03/06/24 01:25					10.4	84	4.4	263	4
03/06/24 01:30					10.2	85	4.4	261	5
03/06/24 01:35					10.1	84	4.2	257	6
03/06/24 01:40					10.1	84	4.4	255	7
03/06/24 01:45					10.2	85	4.3	259	8
03/06/24 01:50					10.2	84	4.2	257	8
03/06/24 01:55					10.1	84	4.2	257	9
03/06/24 02:00					10.1	85	3.6	260	7
03/06/24 02:05	0	10	10	1	10.1	84	3.4	257	8
03/06/24 02:10	0	10	10	1	10.1	84	3.6	262	6

Station Pier Ambient Air Quality Monitoring
June 2024
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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/06/24 02:15	0	10	10	1	9.9	84	3.8	264	5
03/06/24 02:20	0	10	10	1	9.9	85	3.6	265	5
03/06/24 02:25	0	10	11	1	10.0	85	3.4	264	5
03/06/24 02:30	1	11	11	1	9.9	85	2.8	263	8
03/06/24 02:35	0	10	11	1	9.8	85	1.3	289	29
03/06/24 02:40	0	10	10	1	9.7	83	1.0	44	49
03/06/24 02:45	0	9	10	1	9.6	83	1.1	352	34
03/06/24 02:50	0	9	9	1	9.5	83	1.0	332	33
03/06/24 02:55	0	9	9	1	9.5	84	1.9	279	15
03/06/24 03:00	0	9	9	1	9.5	85	2.3	267	15
03/06/24 03:05	0	9	9	1	9.6	85	2.1	284	18
03/06/24 03:10	0	9	9	2	9.4	84	1.8	308	14
03/06/24 03:15	0	9	9	1	9.3	84	1.3	329	14
03/06/24 03:20	0	10	10	1	9.2	84	1.2	328	22
03/06/24 03:25	0	10	11	1	9.3	84	1.5	325	19
03/06/24 03:30	0	11	11	1	9.2	84	2.2	305	10
03/06/24 03:35	0	11	11	1	9.3	85	2.0	282	13
03/06/24 03:40	0	11	11	1	9.5	85	3.0	273	7
03/06/24 03:45	0	11	11	1	9.5	85	3.0	271	7
03/06/24 03:50	0	11	11	1	9.5	85	3.0	269	7
03/06/24 03:55	0	11	11	1	9.5	85	3.0	269	5
03/06/24 04:00	0	11	11	1	9.4	85	2.8	270	6
03/06/24 04:05	0	10	11	1	9.4	85	2.1	278	10
03/06/24 04:10	0	10	10	1	9.4	85	1.6	284	12
03/06/24 04:15	0	9	10	1	9.4	84	1.7	289	15
03/06/24 04:20	0	9	10	1	9.3	84	2.3	301	7
03/06/24 04:25	0	9	10	1	9.3	84	1.5	296	13
03/06/24 04:30	0	10	10	1	9.3	84	1.4	285	19
03/06/24 04:35	0	10	10	1	9.4	85	1.7	269	10
03/06/24 04:40	0	10	11	1	9.5	85	1.9	266	11
03/06/24 04:45	0	11	11	1	9.5	84	2.1	264	6
03/06/24 04:50	0	11	11	1	9.5	84	2.1	262	8
03/06/24 04:55	0	11	11	1	9.5	84	2.1	262	9
03/06/24 05:00	0	11	11	1	9.6	84	1.5	269	15
03/06/24 05:05	0	11	11	1	9.6	83	1.8	275	14
03/06/24 05:10	0	10	11	1	9.6	83	1.8	287	13
03/06/24 05:15	0	10	10	1	9.6	83	1.8	282	13
03/06/24 05:20	0	10	10	1	9.5	83	2.3	278	11
03/06/24 05:25	1	14	15	1	9.4	83	2.6	273	11
03/06/24 05:30	3	23	25	2	9.5	83	3.2	269	10
03/06/24 05:35	4	20	24	2	9.5	83	2.6	265	10
03/06/24 05:40	5	19	23	2	9.4	84	2.1	265	11
03/06/24 05:45	3	16	19	2	9.7	83	2.8	261	10
03/06/24 05:50	2	14	16	2	9.7	82	2.8	264	8
03/06/24 05:55	2	13	15	1	9.5	80	1.6	312	29
03/06/24 06:00	3	20	23	2	9.3	80	1.1	340	21
03/06/24 06:05	4	24	28	2	9.3	80	0.9	353	31
03/06/24 06:10	5	24	29	2	9.3	80	1.3	322	20
03/06/24 06:15	6	22	29	2	9.4	80	1.7	292	16
03/06/24 06:20	8	22	30	2	9.6	81	2.0	273	10
03/06/24 06:25	10	22	32	2	9.7	81	2.0	273	14
03/06/24 06:30	12	23	35	2	9.8	81	1.6	282	16
03/06/24 06:35	12	24	36	2	9.8	79	1.8	297	10
03/06/24 06:40	18	21	39	2	9.7	79	1.7	305	17
03/06/24 06:45	17	24	40	2	9.6	79	2.2	299	10
03/06/24 06:50	12	24	36	2	9.5	79	1.3	301	18
03/06/24 06:55	12	24	35	2	9.6	81	1.3	275	19
03/06/24 07:00	13	23	36	2	9.6	80	1.0	294	24
03/06/24 07:05	16	22	37	2	9.5	80	1.6	274	20
03/06/24 07:10	13	24	37	2	9.7	81	2.1	279	20
03/06/24 07:15	12	24	36	2	9.7	82	1.7	279	19
03/06/24 07:20	11	24	35	2	9.8	82	1.9	265	16
03/06/24 07:25	9	23	32	2	9.9	81	2.0	267	13
03/06/24 07:30	8	23	31	2	9.9	80	1.6	247	13
03/06/24 07:35	7	23	30	2	9.9	83	2.1	243	15
03/06/24 07:40	4	18	22	2	10.0	86	3.3	243	9
03/06/24 07:45	1	14	15	2	10.1	86	3.4	248	9
03/06/24 07:50	2	16	18	1	10.0	85	3.1	251	6
03/06/24 07:55	2	16	18	2	10.1	85	3.1	258	6
03/06/24 08:00	1	16	17	2	10.1	85	3.2	249	9
03/06/24 08:05	1	15	16	2	10.3	84	3.5	259	6
03/06/24 08:10	1	14	16	2	10.2	86	3.4	259	8
03/06/24 08:15	1	15	16	2	10.1	86	3.1	260	10
03/06/24 08:20	2	15	17	2	10.2	86	3.4	255	7
03/06/24 08:25	4	22	26	2	10.4	86	3.3	252	9
03/06/24 08:30	21	24	46	2	10.5	84	3.2	252	8
03/06/24 08:35	12	19	31	2	10.6	85	3.1	256	11
03/06/24 08:40	8	19	28	2	10.6	85	3.2	259	8
03/06/24 08:45	5	15	20	2	10.7	85	4.0	255	8
03/06/24 08:50	3	15	17	2	10.7	85	4.2	261	6
03/06/24 08:55	4	20	24	2	10.8	85	3.8	262	7
03/06/24 09:00	4	19	23	2	10.8	86	3.8	257	8
03/06/24 09:05	4	18	22	2	10.8	87	3.6	258	8
03/06/24 09:10	4	16	20	2	10.9	87	4.0	253	8
03/06/24 09:15	3	14	17	2	11.0	87	3.4	250	7
03/06/24 09:20	3	12	15	2	11.1	87	3.5	258	7

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/06/24 09:25	3	13	16	2	11.2	87	3.8	266	7
03/06/24 09:30	4	14	18	2	11.1	86	3.8	268	6
03/06/24 09:35	4	15	19	2	11.1	86	3.0	253	12
03/06/24 09:40	4	13	17	2	11.2	85	2.7	245	10
03/06/24 09:45	4	11	15	2	11.3	86	3.8	240	7
03/06/24 09:50	3	8	11	2	11.6	85	4.1	240	5
03/06/24 09:55	3	8	10	2	11.6	84	3.8	243	6
03/06/24 10:00	3	8	11	2	11.8	83	4.3	246	7
03/06/24 10:05	3	9	12	2	11.8	82	4.8	250	7
03/06/24 10:10	3	9	12	2	11.9	81	4.3	243	5
03/06/24 10:15	3	9	11	2	12.0	81	4.2	240	5
03/06/24 10:20	2	8	11	2	12.1	80	4.2	238	7
03/06/24 10:25	2	8	10	2	12.3	80	4.7	234	6
03/06/24 10:30	2	7	10	2	12.4	80	5.0	233	5
03/06/24 10:35	2	7	9	2	12.4	80	5.5	231	6
03/06/24 10:40	2	6	8	2	12.5	81	4.9	234	5
03/06/24 10:45	2	6	7	2	12.5	79	4.8	242	6
03/06/24 10:50	1	5	7	2	12.6	78	4.8	241	5
03/06/24 10:55	1	5	6	2	12.5	77	4.7	240	7
03/06/24 11:00	1	5	6	2	12.6	76	5.3	245	5
03/06/24 11:05	1	5	6	2	12.6	74	5.0	243	7
03/06/24 11:10	1	5	6	2	12.6	74	4.5	246	6
03/06/24 11:15	2	5	6	2	12.8	74	4.4	242	5
03/06/24 11:20	2	5	6	2	12.8	73	5.1	243	8
03/06/24 11:25	2	5	6	2	13.1	75	4.4	244	8
03/06/24 11:30	1	5	6	2	13.0	72	5.0	241	7
03/06/24 11:35	1	4	6	2	13.0	74	5.2	228	6
03/06/24 11:40	1	4	5	2	13.1	73	5.0	228	5
03/06/24 11:45	1	4	4	2	13.2	74	5.1	226	6
03/06/24 11:50	1	3	4	2	13.2	74	5.1	228	6
03/06/24 11:55	1	3	4	2	13.2	73	5.0	228	6
03/06/24 12:00	1	3	4	2	13.2	74	5.4	232	7
03/06/24 12:05	1	3	4	2	13.1	73	5.3	232	6
03/06/24 12:10	1	4	4	2	13.1	73	4.9	230	7
03/06/24 12:15	1	4	5	2	13.1	74	4.5	234	7
03/06/24 12:20	1	4	5	2	13.2	73	4.7	234	9
03/06/24 12:25	1	4	5	2	13.3	72	4.9	230	6
03/06/24 12:30	1	4	5	2	13.4	70	5.7	231	4
03/06/24 12:35	1	4	5	2	13.4	70	5.3	228	6
03/06/24 12:40	1	3	4	2	13.4	69	5.0	222	6
03/06/24 12:45	1	3	4	2	13.5	70	4.9	232	4
03/06/24 12:50	1	3	4	2	13.5	71	4.8	224	6
03/06/24 12:55	1	3	4	2	13.5	71	5.0	225	6
03/06/24 13:00	1	3	3	2	13.6	72	5.4	224	5
03/06/24 13:05	1	3	3	2	13.6	71	4.9	223	4
03/06/24 13:10	1	2	3	2	13.6	70	5.0	226	6
03/06/24 13:15	1	2	3	2	13.7	70	4.7	215	5
03/06/24 13:20	1	2	3	2	13.8	71	4.7	218	5
03/06/24 13:25	1	2	3	2	13.7	70	4.8	222	6
03/06/24 13:30	1	2	2	2	13.7	70	4.8	226	6
03/06/24 13:35	0	2	2	2	13.7	70	4.7	228	7
03/06/24 13:40	0	2	2	2	13.6	67	4.4	230	6
03/06/24 13:45	0	1	2	2	13.7	67	4.4	235	7
03/06/24 13:50	0	1	2	2	13.9	67	5.2	228	3
03/06/24 13:55	0	1	2	2	13.9	66	4.5	230	8
03/06/24 14:00	0	1	1	2	13.9	65	4.5	231	9
03/06/24 14:05	0	1	1	2	14.1	66	4.6	229	6
03/06/24 14:10	0	1	1	2	14.1	66	4.8	227	7
03/06/24 14:15	0	1	1	2	14.1	66	4.2	226	7
03/06/24 14:20	0	1	1	2	14.1	66	4.1	225	8
03/06/24 14:25	0	1	1	2	14.1	64	4.5	228	7
03/06/24 14:30	0	1	1	2	14.2	67	5.1	233	5
03/06/24 14:35	0	1	1	2	14.1	68	5.9	233	6
03/06/24 14:40	0	1	1	2	14.1	68	4.6	211	9
03/06/24 14:45	0	1	1	2	14.1	69	4.7	222	7
03/06/24 14:50	0	1	1	2	14.1	69	4.7	214	9
03/06/24 14:55	0	1	1	2	14.0	68	4.9	222	7
03/06/24 15:00	0	1	1	2	13.9	69	4.9	228	5
03/06/24 15:05	0	1	1	1	13.9	69	5.3	224	3
03/06/24 15:10	0	1	1	2	13.8	71	5.5	227	5
03/06/24 15:15	0	1	1	2	13.8	71	5.8	228	5
03/06/24 15:20	0	1	1	2	13.8	71	5.4	220	5
03/06/24 15:25	0	1	1	2	13.9	69	5.2	223	5
03/06/24 15:30	0	1	1	2	13.9	71	4.8	223	7
03/06/24 15:35	0	1	1	2	14.0	71	5.1	221	5
03/06/24 15:40	0	1	1	2	14.0	71	5.4	225	4
03/06/24 15:45	0	1	1	2	13.9	71	5.0	227	5
03/06/24 15:50	0	1	1	2	13.9	72	5.0	227	4
03/06/24 15:55	0	1	1	2	13.9	73	5.1	228	5
03/06/24 16:00	0	1	1	2	13.9	70	5.2	230	3
03/06/24 16:05	0	1	1	2	13.9	72	4.5	225	6
03/06/24 16:10	0	1	1	2	14.0	72	3.8	218	7
03/06/24 16:15	0	1	1	2	13.9	70	3.9	216	8
03/06/24 16:20	0	2	2	2	13.9	71	4.1	210	6
03/06/24 16:25	0	2	2	2	13.9	70	4.6	204	4
03/06/24 16:30	0	2	2	1	14.0	72	4.4	205	6

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/06/24 16:35	0	3	3	1	14.0	71	4.1	201	6
03/06/24 16:40	0	2	2	2	13.9	72	4.2	203	5
03/06/24 16:45	0	2	2	2	14.0	71	4.9	204	4
03/06/24 16:50	0	1	1	2	13.9	72	4.8	201	6
03/06/24 16:55	0	1	1	2	13.9	70	3.8	196	6
03/06/24 17:00	0	1	1	2	13.9	68	4.4	193	6
03/06/24 17:05	0	1	1	2	13.9	69	4.6	198	7
03/06/24 17:10	0	1	1	2	13.9	70	4.7	201	4
03/06/24 17:15	0	1	1	2	13.8	71	4.6	204	5
03/06/24 17:20	0	1	1	2	13.8	71	3.9	202	6
03/06/24 17:25	0	1	1	2	13.8	72	4.3	206	6
03/06/24 17:30	0	1	1	1	13.8	71	4.4	201	6
03/06/24 17:35	0	1	1	2	13.8	72	4.2	202	5
03/06/24 17:40	0	1	1	2	13.8	72	3.3	200	10
03/06/24 17:45	0	1	1	2	13.7	73	4.5	201	5
03/06/24 17:50	0	1	1	2	13.7	74	4.6	204	4
03/06/24 17:55	0	1	1	2	13.7	73	4.4	204	7
03/06/24 18:00	0	9	10	2	13.6	72	4.3	204	9
03/06/24 18:05	2	12	14	2	13.6	72	5.1	213	4
03/06/24 18:10	0	2	2	2	13.6	73	4.3	215	6
03/06/24 18:15	0	2	2	2	13.7	73	4.7	216	4
03/06/24 18:20	0	2	1	2	13.7	73	4.5	213	5
03/06/24 18:25	0	1	1	2	13.6	74	4.3	215	5
03/06/24 18:30	0	1	1	2	13.6	76	3.8	215	4
03/06/24 18:35	0	1	1	2	13.7	74	4.2	218	5
03/06/24 18:40	0	1	1	2	13.6	74	4.3	231	5
03/06/24 18:45	0	1	1	2	13.7	74	4.0	236	5
03/06/24 18:50	0	1	1	2	13.5	73	3.9	247	7
03/06/24 18:55	0	2	2	2	13.6	73	4.0	252	9
03/06/24 19:00	0	3	3	2	13.6	75	3.8	261	6
03/06/24 19:05	0	8	8	2	13.5	74	4.1	263	5
03/06/24 19:10	0	19	19	2	13.4	72	4.2	261	6
03/06/24 19:15	1	13	14	2	13.4	72	4.5	263	8
03/06/24 19:20	0	12	12	2	13.4	71	5.4	268	7
03/06/24 19:25	0	11	12	2	13.2	71	5.6	259	6
03/06/24 19:30	0	11	12	2	13.2	70	5.2	253	6
03/06/24 19:35	0	11	11	2	13.2	71	5.4	255	7
03/06/24 19:40	0	11	11	2	13.2	71	5.3	261	6
03/06/24 19:45	0	11	11	2	13.2	71	4.9	262	7
03/06/24 19:50	0	11	11	2	13.2	71	4.9	260	7
03/06/24 19:55	0	10	11	2	13.2	72	4.7	257	10
03/06/24 20:00	0	11	11	2	13.0	72	4.4	254	9
03/06/24 20:05	0	11	11	2	13.1	71	4.7	254	7
03/06/24 20:10	0	11	11	2	13.0	72	4.5	262	8
03/06/24 20:15	0	11	11	2	13.0	72	4.3	266	8
03/06/24 20:20	0	11	11	2	12.9	72	4.3	259	9
03/06/24 20:25	0	10	11	2	12.9	72	3.8	262	9
03/06/24 20:30	0	10	11	2	12.8	72	3.5	252	7
03/06/24 20:35	0	10	11	2	12.7	72	3.2	252	9
03/06/24 20:40	0	10	11	2	12.8	72	4.2	257	7
03/06/24 20:45	0	10	11	2	12.8	73	3.4	255	6
03/06/24 20:50	0	11	11	2	12.8	74	2.9	264	7
03/06/24 20:55	0	11	11	2	12.9	74	3.4	266	6
03/06/24 21:00	0	12	12	2	12.8	74	3.5	263	10
03/06/24 21:05	0	12	12	2	12.7	74	3.8	258	7
03/06/24 21:10	0	12	12	2	12.7	73	3.8	252	9
03/06/24 21:15	0	12	13	2	12.6	73	3.9	249	5
03/06/24 21:20	0	12	12	2	12.5	73	3.3	252	9
03/06/24 21:25	0	11	12	2	12.5	75	3.4	252	8
03/06/24 21:30	0	11	11	2	12.5	73	3.8	255	7
03/06/24 21:35	0	11	11	2	12.5	74	3.8	251	6
03/06/24 21:40	1	11	12	2	12.5	74	3.6	252	7
03/06/24 21:45	1	13	14	2	12.4	75	4.0	260	9
03/06/24 21:50	1	11	12	2	12.3	75	4.5	252	7
03/06/24 21:55	1	11	12	2	12.2	76	4.6	257	7
03/06/24 22:00	1	11	12	2	12.1	77	4.9	256	7
03/06/24 22:05	1	10	11	2	12.1	77	4.4	257	6
03/06/24 22:10	1	9	10	2	12.1	78	4.1	260	8
03/06/24 22:15	0	8	9	2	12.1	78	4.2	259	6
03/06/24 22:20	0	7	8	2	12.0	78	4.7	265	6
03/06/24 22:25	0	7	7	2	12.0	78	4.5	266	7
03/06/24 22:30	0	6	6	2	11.9	79	4.2	264	7
03/06/24 22:35	0	6	7	2	11.9	79	3.8	269	8
03/06/24 22:40	0	7	7	2	11.9	79	4.0	265	7
03/06/24 22:45	0	7	7	2	11.7	79	4.3	269	8
03/06/24 22:50	0	7	7	2	11.8	80	4.4	261	7
03/06/24 22:55	0	7	7	2	11.8	80	4.0	265	8
03/06/24 23:00	0	7	7	2	11.8	81	3.8	278	10
03/06/24 23:05	0	7	8	2	11.8	80	4.0	278	10
03/06/24 23:10	0	7	7	2	11.9	80	4.1	275	10
03/06/24 23:15	0	6	6	2	11.8	80	3.1	271	11
03/06/24 23:20	0	5	5	2	11.8	80	3.0	274	11
03/06/24 23:25	0	5	5	2	11.8	79	2.5	286	13
03/06/24 23:30	0	7	7	2	11.7	80	2.8	287	13
03/06/24 23:35	0	9	9	2	11.7	80	2.4	284	14
03/06/24 23:40	0	9	9	2	11.6	80	2.2	277	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/06/24 23:45	0	9	9	2	11.6	80	2.5	280	15
03/06/24 23:50	0	8	8		11.5	81	1.9	289	13
03/06/24 23:55	0	8	8		11.6	81	2.8	294	8
04/06/24 00:00	0	8	8	2	11.4	80	3.2	292	9
04/06/24 00:05	0	10	10	2	11.5	80	2.3	291	16
04/06/24 00:10	0	15	15	2	11.4	80	2.2	295	13
04/06/24 00:15	0	18	18	2	11.4	79	2.4	295	11
04/06/24 00:20	0	17	17	2	11.5	80	2.1	286	16
04/06/24 00:25	0	17	18	2	11.5	80	2.1	290	14
04/06/24 00:30	0	17	18	2	11.6	79	2.9	293	10
04/06/24 00:35	0	17	17	2	11.6	78	2.7	291	11
04/06/24 00:40	0	17	17	2	11.5	78	2.3	295	14
04/06/24 00:45	0	17	17	2	11.4	78	2.6	298	14
04/06/24 00:50	0	17	17	2	11.4	79	2.2	293	13
04/06/24 00:55	0	17	18	2	11.3	78	2.3	295	13
04/06/24 01:00	1	18	18	2	11.4	78	2.4	294	10
04/06/24 01:05					11.4	78	2.3	297	10
04/06/24 01:10					11.3	77	2.3	300	8
04/06/24 01:15					11.3	78	2.1	294	11
04/06/24 01:20					11.3	78	2.4	299	10
04/06/24 01:25					11.3	78	2.7	297	12
04/06/24 01:30					11.1	78	2.9	298	11
04/06/24 01:35					11.1	79	2.9	301	9
04/06/24 01:40					11.0	79	2.7	304	10
04/06/24 01:45					10.9	80	2.4	304	13
04/06/24 01:50					10.8	80	2.3	303	9
04/06/24 01:55					10.8	80	2.1	301	11
04/06/24 02:00					10.8	81	2.2	295	11
04/06/24 02:05	0	15	16	2	10.8	82	1.9	294	14
04/06/24 02:10	0	15	15	2	10.7	82	2.0	302	11
04/06/24 02:15	0	15	15	2	10.7	82	2.3	300	12
04/06/24 02:20	0	14	14	2	10.7	82	2.0	307	13
04/06/24 02:25	0	13	13	2	10.7	82	2.4	311	9
04/06/24 02:30	0	12	12	2	10.6	82	2.2	314	11
04/06/24 02:35	0	12	12	2	10.6	82	2.5	310	8
04/06/24 02:40	0	11	12	2	10.6	82	2.4	310	9
04/06/24 02:45	0	12	12	2	10.6	82	2.0	312	12
04/06/24 02:50	0	12	12	2	10.5	83	1.3	321	18
04/06/24 02:55	0	12	12	2	10.4	83	1.7	314	13
04/06/24 03:00	0	12	12	2	10.5	83	1.6	317	14
04/06/24 03:05	0	12	12	2	10.5	83	1.8	307	14
04/06/24 03:10	0	12	12	2	10.5	82	2.0	309	9
04/06/24 03:15	0	12	12	2	10.5	83	2.1	306	12
04/06/24 03:20	0	13	14	2	10.5	83	2.5	311	8
04/06/24 03:25	0	14	15	2	10.4	83	2.6	310	9
04/06/24 03:30	1	16	16	2	10.3	83	1.9	316	13
04/06/24 03:35	1	17	18	2	10.3	83	1.9	318	16
04/06/24 03:40	1	21	23	2	10.3	83	1.5	321	17
04/06/24 03:45	2	23	24	2	10.3	83	2.0	314	11
04/06/24 03:50	2	23	25	2	10.4	82	1.9	311	14
04/06/24 03:55	2	23	25	2	10.4	81	1.7	299	15
04/06/24 04:00	2	23	25	2	10.5	82	1.5	287	16
04/06/24 04:05	2	22	24	2	10.6	83	1.9	296	15
04/06/24 04:10	1	21	22	2	10.5	81	2.1	312	9
04/06/24 04:15	1	19	20	2	10.4	81	1.9	318	13
04/06/24 04:20	1	16	17	2	10.4	81	2.2	315	12
04/06/24 04:25	1	17	19	2	10.4	82	1.6	321	14
04/06/24 04:30	3	25	28	2	10.3	82	1.9	318	13
04/06/24 04:35	5	26	30	2	10.3	82	1.9	317	14
04/06/24 04:40	5	25	30	2	10.2	82	2.3	311	11
04/06/24 04:45	5	25	30	2	10.4	82	1.8	311	15
04/06/24 04:50	5	25	30	2	10.3	82	2.2	315	9
04/06/24 04:55	5	24	30	2	10.4	82	2.2	314	12
04/06/24 05:00	5	24	29	2	10.4	81	2.5	305	10
04/06/24 05:05	4	22	26	2	10.5	80	2.5	304	10
04/06/24 05:10	3	18	21	2	10.5	80	2.0	310	12
04/06/24 05:15	4	23	27	2	10.6	80	2.1	311	11
04/06/24 05:20	7	29	37	2	10.6	80	2.4	305	9
04/06/24 05:25	9	26	35	2	10.7	79	2.2	308	12
04/06/24 05:30	7	24	31	2	10.8	79	2.0	310	15
04/06/24 05:35	4	19	23	2	10.8	78	2.7	305	10
04/06/24 05:40	2	19	21	3	10.9	78	1.8	305	12
04/06/24 05:45	2	19	21	2	10.8	78	2.3	307	10
04/06/24 05:50	2	22	24	2	10.8	78	2.1	307	9
04/06/24 05:55	3	25	28	2	10.9	78	2.0	304	12
04/06/24 06:00	4	26	30	2	11.0	77	1.9	303	12
04/06/24 06:05	6	26	32	2	11.1	77	1.4	310	12
04/06/24 06:10	7	25	32	2	11.0	76	2.2	308	10
04/06/24 06:15	7	25	32	2	11.1	76	1.4	304	15
04/06/24 06:20	6	25	31	2	11.0	75	1.7	310	9
04/06/24 06:25	6	25	30	2	11.1	75	1.8	303	11
04/06/24 06:30	5	25	30	2	11.1	75	1.6	314	13
04/06/24 06:35	6	25	31	2	11.1	74	2.1	310	10
04/06/24 06:40	9	25	34	2	11.1	74	2.1	315	13
04/06/24 06:45	15	27	42	2	11.0	74	2.5	310	11
04/06/24 06:50	17	28	45	2	11.1	74	2.3	311	11

Station Pier Ambient Air Quality Monitoring

June 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/06/24 06:55	17	28	45	2	11.1	74	2.2	307	11
04/06/24 07:00	17	29	46	2	11.1	73	2.3	304	12
04/06/24 07:05	17	29	45	2	11.1	73	2.7	303	10
04/06/24 07:10	17	29	46	2	11.2	73	2.2	305	13
04/06/24 07:15	18	29	47	2	11.2	73	2.4	299	13
04/06/24 07:20	18	29	47	2	11.2	73	2.5	301	16
04/06/24 07:25	17	28	46	2	11.1	72	2.7	298	10
04/06/24 07:30	16	28	44	2	11.2	73	1.8	296	17
04/06/24 07:35	15	28	43	2	11.2	73	1.8	299	14
04/06/24 07:40	15	28	43	2	11.1	73	1.9	298	14
04/06/24 07:45	16	28	44	2	11.2	73	2.0	300	12
04/06/24 07:50	16	28	44	2	11.2	72	2.0	308	13
04/06/24 07:55	16	28	45	2	11.2	71	3.1	315	10
04/06/24 08:00	17	29	46	2	11.1	71	2.5	309	11
04/06/24 08:05	18	29	47	2	11.2	72	2.2	297	16
04/06/24 08:10	19	29	48	2	11.2	72	2.8	299	9
04/06/24 08:15	19	29	47	2	11.2	72	2.7	293	13
04/06/24 08:20	19	28	48	2	11.3	72	2.4	290	13
04/06/24 08:25	18	28	47	2	11.3	72	2.2	284	15
04/06/24 08:30	18	28	46	2	11.3	72	1.7	287	19
04/06/24 08:35	17	28	45	2	11.4	72	1.9	290	16
04/06/24 08:40	16	28	43	2	11.4	70	2.1	287	14
04/06/24 08:45	14	27	42	2	11.6	69	2.2	288	15
04/06/24 08:50	13	27	40	2	11.6	69	2.2	287	16
04/06/24 08:55	12	27	39	2	11.7	68	2.0	284	19
04/06/24 09:00	12	26	38	2	11.7	68	2.4	296	14
04/06/24 09:05	11	26	37	2	11.8	67	2.0	291	16
04/06/24 09:10	11	26	36	2	11.9	66	2.2	293	14
04/06/24 09:15	10	25	35	2	11.9	65	1.9	289	19
04/06/24 09:20	10	24	34	2	12.0	65	1.4	270	17
04/06/24 09:25	9	23	32	2	12.1	64	1.9	294	13
04/06/24 09:30	10	23	33	2	12.3	66	1.4	293	15
04/06/24 09:35	12	27	39	2	12.4	65	2.0	277	10
04/06/24 09:40	14	24	38	2	12.4	65	2.1	284	13
04/06/24 09:45	12	21	33	2	12.3	64	2.2	287	15
04/06/24 09:50	13	23	37	2	12.5	65	1.8	285	17
04/06/24 09:55	12	23	35	2	12.4	63	2.1	288	17
04/06/24 10:00	9	22	31	2	12.5	63	2.3	294	15
04/06/24 10:05	9	22	31	2	12.5	63	1.7	293	21
04/06/24 10:10	9	21	30	2	12.5	63	2.5	298	14
04/06/24 10:15	8	20	28	2	12.5	62	2.1	295	13
04/06/24 10:20	8	18	26	2	12.6	63	1.9	296	18
04/06/24 10:25	8	18	26	2	12.7	64	1.9	282	17
04/06/24 10:30	8	18	26	2	12.7	63	2.1	286	16
04/06/24 10:35	7	17	25	2	12.8	61	2.1	297	15
04/06/24 10:40	7	15	21	2	12.8	61	1.8	287	19
04/06/24 10:45	6	12	18	2	13.0	61	1.3	300	25
04/06/24 10:50	6	12	18	2	13.2	61	1.5	305	22
04/06/24 10:55	6	12	17	2	13.3	59	2.0	290	16
04/06/24 11:00	6	11	17	2	13.2	60	3.1	257	8
04/06/24 11:05	5	10	15	2	13.2	61	2.8	275	15
04/06/24 11:10	5	4	9	2	13.4	60	2.2	290	12
04/06/24 11:15	4	4	8	2	13.5	58	2.4	288	15
04/06/24 11:20	4	5	8	2	13.4	58	2.2	291	13
04/06/24 11:25	3	5	9	2	13.3	60	2.9	273	9
04/06/24 11:30	3	6	9	1	13.3	60	1.4	278	16
04/06/24 11:35	3	7	10	1	13.2	59	1.9	303	18
04/06/24 11:40	2	7	10	1	13.2	58	2.1	311	11
04/06/24 11:45	2	7	9	1	13.4	58	2.3	297	16
04/06/24 11:50	2	7	8	1	13.3	58	2.0	289	16
04/06/24 11:55	2	6	8	1	13.2	58	1.5	298	22
04/06/24 12:00	2	6	8	1	13.3	58	1.5	294	17
04/06/24 12:05	1	6	7	2	13.3	57	1.8	302	12
04/06/24 12:10	1	6	8	2	13.4	58	1.9	280	17
04/06/24 12:15	2	6	8	2	13.5	58	2.1	300	23
04/06/24 12:20	2	7	9	2	13.5	58	1.4	300	20
04/06/24 12:25	2	7	9	2	13.6	58	1.5	290	25
04/06/24 12:30	2	7	9	1	13.5	58	2.7	304	8
04/06/24 12:35	2	7	9	1	13.5	59	2.1	281	13
04/06/24 12:40	2	8	9	1	13.5	58	1.6	310	20
04/06/24 12:45	2	8	10	1	13.6	58	1.4	297	11
04/06/24 12:50	2	8	10	1	13.6	58	1.0	322	37
04/06/24 12:55	2	9	11	1	13.7	58	1.8	284	18
04/06/24 13:00	2	9	11	1	13.6	59	1.8	294	14
04/06/24 13:05	2	10	12	1	13.6	59	1.7	276	18
04/06/24 13:10	2	10	11	1	13.7	59	1.7	259	9
04/06/24 13:15	2	10	12	1	13.6	60	2.3	268	11
04/06/24 13:20	2	10	12	1	13.6	60	2.3	262	8
04/06/24 13:25	2	9	11	2	13.6	61	1.6	260	15
04/06/24 13:30	2	9	11	1	13.6	60	2.0	270	11
04/06/24 13:35	2	10	11	1	13.6	60	2.1	268	7
04/06/24 13:40	2	10	11	1	13.6	60	1.3	262	9
04/06/24 13:45	2	10	12	1	13.7	60	1.7	281	17
04/06/24 13:50	2	11	12	1	13.6	60	1.6	280	13
04/06/24 13:55	2	11	13	1	13.7	59	1.8	278	16
04/06/24 14:00	2	12	14	1	13.7	59	1.7	294	23

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/06/24 14:05	2	12	14	1	13.7	59	1.5	282	20
04/06/24 14:10	1	12	13	1	13.6	58	1.5	289	17
04/06/24 14:15	2	12	14	1	13.6	58	0.7	246	23
04/06/24 14:20	2	13	15	1	13.6	60	1.4	239	17
04/06/24 14:25	2	13	15	1	13.6	65	2.2	191	17
04/06/24 14:30	14	12	26	2	13.5	63	2.3	198	7
04/06/24 14:35	5	16	21	2	13.5	64	2.2	195	11
04/06/24 14:40	4	9	13	2	13.5	64	2.1	186	12
04/06/24 14:45	3	8	11	2	13.5	66	1.7	183	16
04/06/24 14:50	2	4	5	2	13.6	67	1.5	180	21
04/06/24 14:55	1	3	4	2	13.6	67	1.3	153	31
04/06/24 15:00	1	3	4	1	13.6	67	1.5	162	30
04/06/24 15:05	1	3	3	2	13.5	65	1.3	155	30
04/06/24 15:10	1	2	3	2	13.5	65	1.1	157	29
04/06/24 15:15	1	2	3	2	13.5	65	1.6	144	18
04/06/24 15:20	0	2	2	2	13.4	66	1.6	141	18
04/06/24 15:25	0	2	2	2	13.4	65	1.4	135	22
04/06/24 15:30	0	2	2	2	13.4	65	1.6	135	15
04/06/24 15:35	0	2	2	1	13.4	65	1.3	122	14
04/06/24 15:40	0	2	2	1	13.4	66	1.2	118	13
04/06/24 15:45	0	2	3	1	13.4	66	1.2	125	17
04/06/24 15:50	0	2	3	1	13.4	66	1.2	134	15
04/06/24 15:55	0	2	3	2	13.4	67	1.1	120	21
04/06/24 16:00	1	6	7	1	13.4	68	1.2	101	10
04/06/24 16:05	2	9	10	1	13.4	67	0.9	95	14
04/06/24 16:10	1	1	3	1	13.3	65	0.8	63	13
04/06/24 16:15	1	3	4	1	13.4	65	0.4	53	27
04/06/24 16:20	1	5	6	1	13.3	65	0.8	14	15
04/06/24 16:25	1	5	6	1	13.4	65	0.5	8	26
04/06/24 16:30	1	7	7	1	13.3	65	0.2	61	33
04/06/24 16:35	1	7	8	1	13.3	66	0.0	329	84
04/06/24 16:40	0	8	8	1	13.3	66	0.4	295	17
04/06/24 16:45	0	8	8	1	13.3	65	0.5	302	13
04/06/24 16:50	0	9	9	1	13.3	66	0.5	276	13
04/06/24 16:55	0	10	10	1	13.3	66	0.6	275	11
04/06/24 17:00	0	10	10	1	13.3	68	0.4	269	16
04/06/24 17:05	0	11	11	1	13.3	69	0.3	281	16
04/06/24 17:10	0	12	12	1	13.3	66	0.3	282	13
04/06/24 17:15	0	12	13	1	13.3	67	0.4	292	25
04/06/24 17:20	0	14	15	2	13.3	64	0.8	351	38
04/06/24 17:25	1	19	19	1	13.2	62	0.9	12	31
04/06/24 17:30	1	22	23	1	13.3	61	0.7	11	29
04/06/24 17:35	1	22	23	1	13.3	61	0.4	334	48
04/06/24 17:40	1	22	23	1	13.3	61	0.6	303	25
04/06/24 17:45	1	22	23	1	13.3	61	1.1	254	12
04/06/24 17:50	1	26	27	1	13.3	63	0.7	278	16
04/06/24 17:55	1	27	28	1	13.2	61	0.5	305	17
04/06/24 18:00	1	26	27	2	13.1	62	0.8	320	13
04/06/24 18:05	1	25	26	2	13.1	61	0.7	291	11
04/06/24 18:10	1	24	25	1	13.1	61	0.8	300	5
04/06/24 18:15	2	25	27	2	13.0	62	0.5	309	17
04/06/24 18:20	4	34	38	2	12.7	64	0.7	10	11
04/06/24 18:25	9	37	46	2	12.6	64	0.6	50	22
04/06/24 18:30	9	33	42	2	12.6	64	0.9	95	11
04/06/24 18:35	9	31	40	2	12.5	65	1.0	101	11
04/06/24 18:40	8	30	38	2	12.5	63	0.9	76	4
04/06/24 18:45	9	31	40	2	12.5	64	0.8	69	8
04/06/24 18:50	10	31	41	2	12.4	64	0.7	75	8
04/06/24 18:55	12	32	44	2	12.4	65	0.6	72	13
04/06/24 19:00	18	37	54	2	12.5	65	0.6	61	4
04/06/24 19:05	25	32	57	2	12.4	65	0.3	28	14
04/06/24 19:10	33	31	64	2	12.4	65	0.5	11	11
04/06/24 19:15	34	33	67	2	12.3	67	0.1	21	28
04/06/24 19:20	38	38	75	2	12.3	67	0.6	22	17
04/06/24 19:25	46	35	81	2	12.3	67	0.9	29	8
04/06/24 19:30	46	35	81	2	12.3	66	1.2	13	7
04/06/24 19:35	47	35	82	2	12.4	67	0.4	316	37
04/06/24 19:40	45	34	79	2	12.4	68	0.4	305	45
04/06/24 19:45	48	35	82	2	12.3	66	0.7	359	30
04/06/24 19:50	48	33	80	2	12.4	65	1.0	12	20
04/06/24 19:55	46	32	78	2	12.3	65	0.6	16	23
04/06/24 20:00	43	32	75	2	12.1	66	0.9	352	12
04/06/24 20:05	37	33	70	2	12.0	66	0.9	336	17
04/06/24 20:10	32	32	64	2	12.1	66	0.8	343	18
04/06/24 20:15	31	31	62	2	12.1	66	0.9	322	13
04/06/24 20:20	33	31	64	2	12.2	66	1.3	335	12
04/06/24 20:25	41	32	73	2	12.3	66	1.0	319	20
04/06/24 20:30	56	33	90	2	12.1	67	1.1	350	25
04/06/24 20:35	64	34	99	2	11.9	67	1.0	350	20
04/06/24 20:40	86	40	126	2	11.9	68	0.9	350	21
04/06/24 20:45	97	39	136	2	11.7	69	1.0	351	25
04/06/24 20:50	100	39	139	2	11.8	69	1.1	356	24
04/06/24 20:55	98	33	131	3	11.7	70	1.1	355	24
04/06/24 21:00	94	31	125	3	11.7	71	1.1	348	27
04/06/24 21:05	82	35	116	3	11.6	71	1.3	357	19
04/06/24 21:10	70	34	105	3	11.6	71	1.5	2	16

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/06/24 21:15	65	31	96	3	11.5	72	1.6	353	21
04/06/24 21:20	62	31	93	2	11.6	72	0.8	336	36
04/06/24 21:25	62	31	93	3	11.5	73	1.2	313	15
04/06/24 21:30	63	31	94	2	11.5	73	1.4	328	20
04/06/24 21:35	63	31	94	3	11.5	73	1.3	330	23
04/06/24 21:40	62	31	93	3	11.4	73	1.4	328	23
04/06/24 21:45	60	31	90	3	11.4	74	1.5	319	22
04/06/24 21:50	57	31	87	3	11.4	74	1.7	324	19
04/06/24 21:55	47	31	78	3	11.4	74	1.8	322	19
04/06/24 22:00	36	27	62	2	11.4	74	1.4	323	19
04/06/24 22:05	35	26	61	2	11.4	75	1.1	330	28
04/06/24 22:10	35	26	61	2	11.4	75	1.6	337	23
04/06/24 22:15	35	26	61	2	11.4	75	1.1	333	26
04/06/24 22:20	35	26	61	2	11.4	75	1.4	327	24
04/06/24 22:25	36	26	62	2	11.3	75	1.2	334	22
04/06/24 22:30	39	26	65	2	11.2	76	1.4	332	18
04/06/24 22:35	42	25	67	2	11.2	76	1.2	336	21
04/06/24 22:40	46	27	73	2	11.2	76	1.1	327	17
04/06/24 22:45	49	27	76	2	11.3	76	1.3	306	16
04/06/24 22:50	48	26	74	2	11.3	77	2.3	260	9
04/06/24 22:55	23	18	42	2	11.3	77	2.4	267	6
04/06/24 23:00	20	20	41	2	11.3	78	1.6	286	18
04/06/24 23:05	20	20	40	2	11.2	76	1.6	315	14
04/06/24 23:10	19	21	40	2	11.2	75	1.8	311	12
04/06/24 23:15	20	21	40	2	11.0	76	0.8	336	17
04/06/24 23:20	21	21	41	2	10.9	77	0.9	319	15
04/06/24 23:25	21	20	42	2	10.9	76	1.1	324	12
04/06/24 23:30	22	21	43	2	10.9	76	0.8	325	18
04/06/24 23:35	23	21	44	2	10.9	76	1.2	310	11
04/06/24 23:40	24	21	45	2	11.0	77	1.3	273	12
04/06/24 23:45	26	21	47	2	11.2	78	1.1	285	17
04/06/24 23:50	27	21	48		11.2	78	1.2	287	11
04/06/24 23:55	29	21	50		11.2	76	1.6	280	13
05/06/24 00:00	30	22	52	2	11.3	76	1.7	277	11
05/06/24 00:05	33	25	58	2	11.3	77	1.4	280	23
05/06/24 00:10	37	26	62	1	11.3	76	1.1	298	18
05/06/24 00:15	36	26	63	1	11.2	74	1.1	310	16
05/06/24 00:20	35	25	60	1	11.0	74	0.8	338	20
05/06/24 00:25	35	25	60	1	10.8	74	0.8	329	18
05/06/24 00:30	34	25	59	1	10.9	74	0.8	345	17
05/06/24 00:35	31	26	57	1	10.8	75	0.5	344	22
05/06/24 00:40	31	25	56	1	10.6	76	0.5	293	19
05/06/24 00:45	30	25	56	1	10.8	76	1.0	263	23
05/06/24 00:50	30	25	55	1	10.9	77	0.6	291	23
05/06/24 00:55	30	25	55	1	11.0	76	0.7	300	25
05/06/24 01:00	31	25	56	1	10.9	74	1.1	318	11
05/06/24 01:05					10.8	74	0.9	321	16
05/06/24 01:10					10.8	74	0.9	359	18
05/06/24 01:15					10.7	75	0.9	355	13
05/06/24 01:20					10.7	74	1.1	354	25
05/06/24 01:25					10.7	74	1.1	344	14
05/06/24 01:30					10.7	74	1.2	356	14
05/06/24 01:35					10.8	74	1.0	342	17
05/06/24 01:40					10.8	74	1.3	348	20
05/06/24 01:45					10.9	74	1.3	355	15
05/06/24 01:50					10.9	74	1.7	359	11
05/06/24 01:55					10.8	74	1.1	357	23
05/06/24 02:00					10.8	74	1.0	350	29
05/06/24 02:05	49	26	75	1	10.9	74	0.8	338	20
05/06/24 02:10	48	26	74	1	10.9	73	1.6	360	8
05/06/24 02:15	48	25	73	1	10.9	74	1.6	358	16
05/06/24 02:20	41	27	69	1	10.8	74	1.8	347	15
05/06/24 02:25	30	24	53	1	10.7	75	1.7	4	14
05/06/24 02:30	26	21	48	1	10.7	75	1.7	354	13
05/06/24 02:35	24	22	46	1	10.6	75	1.4	349	15
05/06/24 02:40	23	22	45	1	10.7	75	1.2	334	16
05/06/24 02:45	21	23	44	1	10.7	74	1.1	322	17
05/06/24 02:50	11	28	39	1	10.9	73	1.2	305	15
05/06/24 02:55	10	23	33	1	11.0	74	1.3	289	14
05/06/24 03:00	13	21	35	1	11.0	75	1.0	277	15
05/06/24 03:05	18	20	39	1	11.0	75	1.2	294	12
05/06/24 03:10	22	22	44	1	11.0	75	1.5	304	10
05/06/24 03:15	20	21	41	1	11.0	74	2.0	307	7
05/06/24 03:20	16	21	37	1	11.0	74	2.1	313	11
05/06/24 03:25	17	21	38	1	11.1	74	1.3	332	16
05/06/24 03:30	19	21	40	1	10.9	74	1.2	336	14
05/06/24 03:35	15	22	37	1	11.0	74	1.2	327	16
05/06/24 03:40	10	21	31	1	11.0	74	1.0	330	17
05/06/24 03:45	8	19	27	1	11.0	74	1.3	314	15
05/06/24 03:50	7	19	26	1	11.0	74	1.3	304	12
05/06/24 03:55	5	19	24	1	11.0	74	1.5	293	12
05/06/24 04:00	3	19	22	1	11.2	75	1.4	300	13
05/06/24 04:05	3	17	20	1	11.2	75	1.3	293	16
05/06/24 04:10	2	17	20	0	11.2	76	1.2	293	16
05/06/24 04:15	2	17	20	1	11.3	76	1.2	286	17
05/06/24 04:20	3	18	21	1	11.3	76	0.8	284	21

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/06/24 04:25	3	18	21	1	11.3	75	0.9	307	13
05/06/24 04:30	3	18	21	1	11.2	74	0.8	8	27
05/06/24 04:35	5	19	24	1	11.1	75	1.0	15	12
05/06/24 04:40	8	20	28	1	11.1	75	0.9	5	11
05/06/24 04:45	9	20	30	1	11.0	75	0.4	342	26
05/06/24 04:50	9	20	29	1	11.1	76	0.6	308	17
05/06/24 04:55	7	19	26	1	11.2	75	1.0	263	11
05/06/24 05:00	3	19	22	1	11.3	75	1.5	251	15
05/06/24 05:05	2	18	20	1	11.3	76	0.8	253	11
05/06/24 05:10	2	18	20	1	11.3	77	1.3	241	15
05/06/24 05:15	1	17	18	1	11.3	77	2.1	252	10
05/06/24 05:20	1	9	11	1	11.4	76	2.0	230	8
05/06/24 05:25	1	7	8	1	11.4	76	2.0	244	8
05/06/24 05:30	1	7	8	1	11.4	76	2.1	240	8
05/06/24 05:35	1	7	7	1	11.5	77	1.6	235	16
05/06/24 05:40	0	6	6	1	11.4	77	1.6	236	9
05/06/24 05:45	0	5	6	1	11.4	76	1.2	251	23
05/06/24 05:50	0	5	6	1	11.4	76	0.9	241	17
05/06/24 05:55	0	5	6	1	11.3	76	0.8	274	15
05/06/24 06:00	0	7	7	1	11.4	76	1.0	272	18
05/06/24 06:05	0	9	10	1	11.5	76	0.7	273	26
05/06/24 06:10	0	11	12	1	11.5	76	1.2	246	12
05/06/24 06:15	0	10	11	1	11.5	75	1.7	234	9
05/06/24 06:20	1	11	12	1	11.5	75	1.7	226	8
05/06/24 06:25	1	11	12	1	11.5	76	1.4	219	9
05/06/24 06:30	1	4	5	1	11.6	77	2.0	236	15
05/06/24 06:35	1	4	4	1	11.7	76	1.6	226	9
05/06/24 06:40	0	4	4	1	11.6	77	1.0	243	28
05/06/24 06:45	0	4	5	1	11.6	76	0.7	300	37
05/06/24 06:50	0	5	5	1	11.5	77	1.4	271	15
05/06/24 06:55	0	5	5	1	11.5	77	1.2	252	13
05/06/24 07:00	0	5	5	1	11.5	78	1.0	241	22
05/06/24 07:05	0	5	5	1	11.4	79	1.6	268	10
05/06/24 07:10	0	7	7	1	11.4	78	0.7	285	28
05/06/24 07:15	1	19	20	1	11.5	79	1.0	241	29
05/06/24 07:20	2	24	26	1	11.5	79	0.7	262	33
05/06/24 07:25	8	23	31	1	11.4	78	0.9	335	22
05/06/24 07:30	14	24	39	1	11.4	78	0.5	19	28
05/06/24 07:35	26	19	45	1	11.3	78	0.4	352	56
05/06/24 07:40	11	15	26	1	11.3	78	1.3	279	19
05/06/24 07:45	11	22	33	1	11.5	76	1.1	318	8
05/06/24 07:50	21	22	42	1	11.5	77	1.3	269	28
05/06/24 07:55	11	17	28	1	11.5	77	1.3	261	21
05/06/24 08:00	23	25	49	1	11.6	77	1.6	280	17
05/06/24 08:05	44	22	67	1	11.6	76	1.4	295	15
05/06/24 08:10	65	25	91	1	11.6	77	1.9	311	14
05/06/24 08:15	32	24	56	1	11.5	76	1.2	319	45
05/06/24 08:20									
05/06/24 08:25									
05/06/24 08:30									
05/06/24 08:35									
05/06/24 08:40									
05/06/24 08:45									
05/06/24 08:50									
05/06/24 08:55									
05/06/24 09:00									
05/06/24 09:05									
05/06/24 09:10									
05/06/24 09:15									
05/06/24 09:20									
05/06/24 09:25									
05/06/24 09:30									
05/06/24 09:35									
05/06/24 09:40									
05/06/24 09:45									
05/06/24 09:50									
05/06/24 09:55									
05/06/24 10:00									
05/06/24 10:05									
05/06/24 10:10									
05/06/24 10:15									
05/06/24 10:20									
05/06/24 10:25									
05/06/24 10:30									
05/06/24 10:35									
05/06/24 10:40									
05/06/24 10:45									
05/06/24 10:50									
05/06/24 10:55									
05/06/24 11:00									
05/06/24 11:05									
05/06/24 11:10									
05/06/24 11:15									
05/06/24 11:20									
05/06/24 11:25					12.8	81	4.3	228	5
05/06/24 11:30					12.7	80	3.9	226	4

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/06/24 11:35	3	5	8		12.7	80	3.6	229	3
05/06/24 11:40	3	5	8		12.7	81	3.2	228	4
05/06/24 11:45	3	5	8		13.0	80	3.5	225	5
05/06/24 11:50	3	5	8		13.0	80	2.8	228	5
05/06/24 11:55	3	5	8		13.1	80	3.1	227	4
05/06/24 12:00	3	5	8		13.1	79	3.2	233	4
05/06/24 12:05	3	5	8		13.2	80	3.8	233	4
05/06/24 12:10	3	5	8		13.1	80	4.3	230	4
05/06/24 12:15	2	5	8		13.1	81	4.1	229	4
05/06/24 12:20	3	5	8	1	13.1	81	3.9	231	4
05/06/24 12:25	3	5	8	1	13.3	80	3.8	229	5
05/06/24 12:30	3	5	8	1	13.5	80	3.5	227	4
05/06/24 12:35	3	5	8	1	13.6	78	3.5	226	3
05/06/24 12:40	2	5	7	1	13.6	78	3.0	225	3
05/06/24 12:45	2	5	7	1	13.7	78	3.3	224	4
05/06/24 12:50	2	4	7	1	13.8	77	3.4	222	4
05/06/24 12:55	2	4	6	1	13.8	77	3.7	223	4
05/06/24 13:00	2	4	6	1	13.8	78	3.4	225	4
05/06/24 13:05	2	5	7	1	13.9	79	3.3	224	4
05/06/24 13:10	2	5	8	1	13.9	79	3.6	219	7
05/06/24 13:15	3	7	10	1	13.9	80	3.4	215	3
05/06/24 13:20	3	3	6	1	13.9	80	3.4	220	5
05/06/24 13:25	3	13	16	1	14.0	79	3.1	210	3
05/06/24 13:30	2	4	6	1	14.0	78	3.2	210	3
05/06/24 13:35	2	4	6	1	14.0	78	3.3	209	2
05/06/24 13:40	1	5	6	1	14.0	80	3.4	217	4
05/06/24 13:45	1	5	6	1	13.9	80	3.8	209	3
05/06/24 13:50	1	5	6	1	13.9	80	3.7	213	3
05/06/24 13:55	1	5	6	1	14.0	78	3.7	215	3
05/06/24 14:00	1	4	6	1	14.1	78	3.4	213	3
05/06/24 14:05	1	4	6	1	14.1	79	3.6	215	3
05/06/24 14:10	1	5	6	1	14.2	77	3.7	211	3
05/06/24 14:15	1	5	6	1	14.3	75	3.7	208	4
05/06/24 14:20	1	4	6	1	14.4	73	3.2	201	12
05/06/24 14:25	2	5	7	1	14.9	70	2.0	186	14
05/06/24 14:30	5	7	12	1	15.2	69	1.9	170	23
05/06/24 14:35	7	10	17	1	15.5	68	1.7	175	16
05/06/24 14:40	5	5	11	1	16.0	66	2.1	172	25
05/06/24 14:45	2	2	4	1	16.1	63	2.9	174	20
05/06/24 14:50	3	1	4	1	15.9	64	2.5	178	17
05/06/24 14:55	1	3	3	1	15.7	64	2.3	179	17
05/06/24 15:00	1	2	3	1	15.6	67	2.2	175	17
05/06/24 15:05	1	2	3	1	15.6	65	2.7	172	17
05/06/24 15:10	1	1	2	1	15.5	66	2.5	177	21
05/06/24 15:15	1	1	2	1	15.3	64	3.7	193	7
05/06/24 15:20	0	1	2	1	15.2	65	3.1	190	12
05/06/24 15:25	0	1	2	1	15.2	65	3.7	187	10
05/06/24 15:30	0	1	1	1	15.1	66	3.3	188	9
05/06/24 15:35	0	1	1	1	15.2	67	3.1	187	11
05/06/24 15:40	0	1	1	1	15.2	67	3.4	186	12
05/06/24 15:45	0	1	1	1	15.4	65	3.5	189	11
05/06/24 15:50	0	1	1	1	15.4	66	3.0	188	12
05/06/24 15:55	0	1	1	1	15.4	67	3.1	187	10
05/06/24 16:00	0	1	1	1	15.2	67	3.1	186	13
05/06/24 16:05	0	1	2	1	15.3	69	2.5	184	14
05/06/24 16:10	0	2	2	1	15.5	68	2.7	168	20
05/06/24 16:15	0	2	2	1	15.6	67	2.5	171	21
05/06/24 16:20	0	2	2	1	15.6	68	2.2	171	23
05/06/24 16:25	0	2	2	1	15.6	66	2.2	165	24
05/06/24 16:30	1	1	2	1	15.5	68	1.8	168	26
05/06/24 16:35	1	2	2	1	15.3	69	1.6	165	32
05/06/24 16:40	1	1	2	1	15.2	71	1.4	167	35
05/06/24 16:45	1	1	2	1	15.0	73	1.9	171	25
05/06/24 16:50	1	1	2	1	14.8	74	1.3	167	33
05/06/24 16:55	0	1	1	1	14.6	74	1.2	173	34
05/06/24 17:00	0	1	1	1	14.5	75	1.4	174	25
05/06/24 17:05	0	1	1	1	14.4	76	2.2	170	21
05/06/24 17:10	0	1	1	1	14.4	76	1.9	178	15
05/06/24 17:15	0	1	1	1	14.3	77	2.2	176	14
05/06/24 17:20	0	1	1	1	14.2	76	2.6	172	18
05/06/24 17:25	0	1	1	1	14.3	76	2.5	173	16
05/06/24 17:30	0	1	1	1	14.1	78	2.0	167	21
05/06/24 17:35	0	1	1	1	14.2	77	2.1	171	19
05/06/24 17:40	0	1	1	1	14.2	76	2.6	171	16
05/06/24 17:45	0	1	1	1	14.1	76	2.4	174	16
05/06/24 17:50	0	1	1	1	14.1	75	2.4	176	16
05/06/24 17:55	0	1	1	1	14.1	75	2.1	172	22
05/06/24 18:00	0	1	1	1	14.1	75	2.0	173	16
05/06/24 18:05	0	1	1	1	14.1	76	1.7	176	15
05/06/24 18:10	0	1	1	1	14.0	76	1.7	184	13
05/06/24 18:15	0	1	1	1	14.0	75	2.4	185	10
05/06/24 18:20	0	1	1	1	14.1	75	2.9	188	9
05/06/24 18:25	0	1	1	1	14.1	73	3.2	186	9
05/06/24 18:30	0	3	3	1	14.1	73	3.0	191	7
05/06/24 18:35	0	10	11	1	14.1	72	3.4	189	9
05/06/24 18:40	0	9	9	1	14.1	71	3.2	187	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/06/24 18:45	0	12	12	1	14.2	71	3.5	192	8
05/06/24 18:50	0	1	1	1	14.2	72	3.3	196	8
05/06/24 18:55	0	1	1	1	14.3	70	3.3	193	6
05/06/24 19:00	0	1	1	1	14.2	70	3.0	192	7
05/06/24 19:05	0	1	1	0	14.2	70	3.1	192	6
05/06/24 19:10	0	1	1	1	14.2	71	2.7	189	8
05/06/24 19:15	0	1	1	0	14.1	73	2.5	189	8
05/06/24 19:20	0	1	1	0	14.0	74	2.6	190	8
05/06/24 19:25	0	1	1	0	14.1	73	2.7	190	8
05/06/24 19:30	0	1	1	1	14.1	75	2.7	189	9
05/06/24 19:35	0	1	1	1	14.2	76	2.8	189	9
05/06/24 19:40	0	1	1	1	14.2	76	3.0	187	9
05/06/24 19:45	0	2	2	1	14.2	74	3.2	185	9
05/06/24 19:50	0	2	2	1	14.2	73	3.1	186	9
05/06/24 19:55	0	2	2	1	14.2	72	3.0	188	9
05/06/24 20:00	0	2	2	1	14.3	73	2.5	189	10
05/06/24 20:05	0	3	3	1	14.4	73	2.5	187	10
05/06/24 20:10	0	4	4	1	14.3	74	1.4	181	12
05/06/24 20:15	0	4	4	0	14.3	74	1.7	174	15
05/06/24 20:20	0	4	4	0	14.3	75	0.9	162	30
05/06/24 20:25	0	3	3	1	14.2	76	1.1	163	29
05/06/24 20:30	0	2	2	1	14.2	77	1.5	172	22
05/06/24 20:35	0	2	2	1	14.2	76	1.6	172	19
05/06/24 20:40	0	2	2	1	14.2	77	1.2	177	21
05/06/24 20:45	0	1	1	0	14.1	79	1.0	170	28
05/06/24 20:50	0	1	1	0	14.0	80	0.7	156	34
05/06/24 20:55	0	1	1	0	13.9	81	1.6	138	10
05/06/24 21:00	0	1	1	1	13.8	79	1.6	147	17
05/06/24 21:05	0	1	1	1	13.8	79	1.7	138	11
05/06/24 21:10	0	2	2	1	13.8	79	1.5	143	13
05/06/24 21:15	0	2	2	0	13.7	80	0.6	155	27
05/06/24 21:20	0	3	3	0	13.6	80	0.5	145	33
05/06/24 21:25	0	3	3	0	13.5	81	0.5	117	25
05/06/24 21:30	0	4	4	0	13.4	82	0.6	139	18
05/06/24 21:35	0	5	6	0	13.2	82	0.4	168	29
05/06/24 21:40	0	6	6	1	13.0	82	0.3	207	22
05/06/24 21:45	0	7	7	1	13.0	83	0.4	200	13
05/06/24 21:50	0	7	7	1	13.0	83	0.5	193	13
05/06/24 21:55	0	7	7	0	13.0	82	0.8	180	9
05/06/24 22:00	0	8	8	0	13.0	83	1.0	217	29
05/06/24 22:05	0	8	8	0	13.0	86	2.4	224	5
05/06/24 22:10	0	9	9	0	13.0	85	1.3	215	11
05/06/24 22:15	0	10	10	0	12.9	85	1.7	236	7
05/06/24 22:20	0	10	10	1	13.0	84	2.3	238	5
05/06/24 22:25	0	12	12	1	13.0	83	1.9	242	7
05/06/24 22:30	1	18	19	0	12.9	84	1.4	262	10
05/06/24 22:35	4	32	36	0	13.0	84	1.2	281	19
05/06/24 22:40	8	27	35	1	12.8	83	1.2	298	9
05/06/24 22:45	8	26	34	1	12.7	83	1.1	287	15
05/06/24 22:50	8	26	34	1	12.6	83	0.8	296	12
05/06/24 22:55	9	26	35	1	12.6	83	0.9	289	13
05/06/24 23:00	12	25	37	1	12.6	83	1.5	272	4
05/06/24 23:05	26	23	49	1	12.6	83	1.8	262	9
05/06/24 23:10	24	28	51	1	12.5	84	2.1	252	6
05/06/24 23:15	16	28	44	1	12.6	83	2.2	246	10
05/06/24 23:20	9	27	36	1	12.6	82	2.1	239	9
05/06/24 23:25	4	24	28	1	12.6	82	2.2	248	6
05/06/24 23:30	4	24	28	1	12.6	83	1.5	262	11
05/06/24 23:35	9	26	35	1	12.6	82	1.1	302	23
05/06/24 23:40	14	26	40	1	12.3	81	1.1	303	11
05/06/24 23:45	28	26	54	1	12.4	81	1.0	297	15
05/06/24 23:50	33	28	61		12.4	81	1.3	299	17
05/06/24 23:55	36	28	63		12.3	81	0.9	294	19
06/06/24 00:00	35	29	63	1	12.4	81	1.1	277	21
06/06/24 00:05	31	28	59	1	12.3	80	1.1	299	26
06/06/24 00:10	31	28	59	1	12.4	80	0.7	342	21
06/06/24 00:15	31	28	59	1	12.3	79	1.0	18	18
06/06/24 00:20	30	28	58	2	12.3	79	0.9	357	18
06/06/24 00:25	28	28	56	2	12.3	79	1.1	310	12
06/06/24 00:30	27	28	56	1	12.3	78	1.4	302	9
06/06/24 00:35	24	29	53	1	12.4	79	1.0	304	16
06/06/24 00:40	19	29	48	1	12.3	79	0.7	319	20
06/06/24 00:45	19	28	46	1	12.3	78	0.9	328	13
06/06/24 00:50	20	29	49	1	12.3	79	0.9	314	12
06/06/24 00:55	23	27	50	1	12.2	79	1.1	293	17
06/06/24 01:00	24	27	50	2	12.3	80	0.8	304	22
06/06/24 01:05					12.2	79	0.9	344	14
06/06/24 01:10					12.1	79	0.7	356	25
06/06/24 01:15					12.0	80	1.1	355	16
06/06/24 01:20					11.9	80	0.9	329	20
06/06/24 01:25					12.0	80	1.2	351	22
06/06/24 01:30					11.9	81	1.0	344	25
06/06/24 01:35					11.9	81	0.9	337	22
06/06/24 01:40					11.8	80	1.6	360	8
06/06/24 01:45					11.8	81	1.4	349	12
06/06/24 01:50					11.7	80	1.8	353	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/06/24 01:55					11.7	80	1.3	335	10
06/06/24 02:00					11.7	81	0.8	330	13
06/06/24 02:05	61	29	90	2	11.5	81	1.2	335	15
06/06/24 02:10	60	29	89	2	11.6	82	1.5	320	10
06/06/24 02:15	61	29	90	2	11.7	81	1.3	333	16
06/06/24 02:20	64	27	91	2	11.6	81	1.3	319	11
06/06/24 02:25	61	28	89	1	11.7	81	1.6	315	12
06/06/24 02:30	41	26	67	1	11.8	80	1.8	318	11
06/06/24 02:35	40	28	68	1	11.8	80	2.0	309	6
06/06/24 02:40	39	26	65	2	11.7	80	1.4	334	32
06/06/24 02:45	59	26	85	1	11.3	81	1.5	24	8
06/06/24 02:50	58	28	86	1	11.2	83	1.6	6	11
06/06/24 02:55	54	27	81	1	11.2	83	1.3	349	11
06/06/24 03:00	51	27	78	1	11.3	82	1.3	3	15
06/06/24 03:05	64	26	90	1	11.2	83	1.5	4	10
06/06/24 03:10	66	27	93	1	11.1	83	1.3	3	8
06/06/24 03:15	65	27	92	1	11.2	83	1.2	338	15
06/06/24 03:20	56	26	82	1	11.2	83	1.1	326	10
06/06/24 03:25	43	25	68	1	11.4	83	1.4	303	9
06/06/24 03:30	42	24	66	1	11.5	84	1.1	288	15
06/06/24 03:35	39	23	62	1	11.6	85	1.1	288	16
06/06/24 03:40	46	26	72	1	11.6	84	1.2	288	12
06/06/24 03:45	45	27	72	1	11.6	84	0.9	261	19
06/06/24 03:50	47	25	73	1	11.6	85	0.7	254	12
06/06/24 03:55	47	25	72	1	11.5	85	0.5	261	27
06/06/24 04:00	45	24	70	1	11.6	85	0.6	221	38
06/06/24 04:05	32	26	58	1	11.6	86	0.4	231	48
06/06/24 04:10	28	22	49	1	11.5	84	0.5	30	40
06/06/24 04:15	21	23	45	1	11.4	85	0.2	16	60
06/06/24 04:20	7	21	27	1	11.4	85	0.6	293	15
06/06/24 04:25	2	19	21	1	11.5	86	0.9	259	12
06/06/24 04:30	1	19	20	1	11.6	86	1.3	267	7
06/06/24 04:35	1	18	19	1	11.7	86	0.8	292	26
06/06/24 04:40	1	18	19	1	11.6	85	0.5	350	23
06/06/24 04:45	9	22	31	1	11.4	85	0.6	316	14
06/06/24 04:50	6	19	25	1	11.4	86	0.9	306	12
06/06/24 04:55	4	19	23	1	11.6	87	1.0	293	13
06/06/24 05:00	10	22	32	1	11.7	87	1.1	284	19
06/06/24 05:05	23	21	44	1	11.7	87	1.2	272	10
06/06/24 05:10	24	23	47	1	11.6	87	1.3	276	9
06/06/24 05:15	21	24	45	1	11.6	88	1.4	275	9
06/06/24 05:20	11	22	33	1	11.6	88	1.4	278	8
06/06/24 05:25	10	21	31	1	11.6	88	1.3	279	9
06/06/24 05:30	15	19	35	1	11.6	89	1.1	279	13
06/06/24 05:35	18	21	39	1	11.7	89	0.8	288	22
06/06/24 05:40	13	20	34	1	11.7	89	0.3	339	32
06/06/24 05:45	11	20	32	1	11.7	89	0.2	227	47
06/06/24 05:50	12	20	32	1	11.6	89	0.4	143	37
06/06/24 05:55	13	20	33	1	11.7	88	0.5	86	23
06/06/24 06:00	13	20	33	1	11.7	89	0.5	103	12
06/06/24 06:05	13	20	33	1	11.6	89	0.6	117	12
06/06/24 06:10	13	20	33	1	11.7	90	0.9	141	22
06/06/24 06:15	12	20	31	1	11.9	90	0.9	125	19
06/06/24 06:20	2	18	20	1	12.0	90	1.0	115	10
06/06/24 06:25	1	13	14	1	12.1	89	1.1	106	11
06/06/24 06:30	0	13	14	1	12.1	88	1.2	115	16
06/06/24 06:35	0	17	17	1	12.2	85	1.7	111	8
06/06/24 06:40	0	19	19	1	12.3	83	1.3	109	8
06/06/24 06:45	0	20	20	1	12.3	82	0.7	114	17
06/06/24 06:50	0	21	21	1	12.4	82	0.6	132	27
06/06/24 06:55	0	22	22	1	12.3	82	0.4	162	32
06/06/24 07:00	0	22	22	1	12.3	82	0.3	160	27
06/06/24 07:05	1	22	23	1	12.3	82	0.4	192	43
06/06/24 07:10	1	22	22	1	12.4	82	0.8	217	10
06/06/24 07:15	1	21	21	1	12.4	81	0.8	206	9
06/06/24 07:20	1	20	20	1	12.4	82	1.3	196	6
06/06/24 07:25	1	17	18	1	12.4	81	1.1	188	7
06/06/24 07:30	0	13	13	1	12.4	82	0.9	175	11
06/06/24 07:35	4	14	18	1	12.4	82	0.6	169	21
06/06/24 07:40	3	14	18	1	12.4	84	0.8	167	24
06/06/24 07:45	2	12	15	1	12.4	85	0.8	173	23
06/06/24 07:50	3	11	14	1	12.4	86	0.8	157	34
06/06/24 07:55	15	16	32	1	12.3	87	1.5	137	20
06/06/24 08:00	17	20	37	1	12.3	87	1.6	131	11
06/06/24 08:05	8	14	22	1	12.4	86	1.7	139	14
06/06/24 08:10	11	17	28	1	12.4	86	1.5	138	11
06/06/24 08:15	12	20	32	1	12.3	86	1.7	134	12
06/06/24 08:20	14	22	36	1	12.3	86	1.8	135	11
06/06/24 08:25	18	29	47	1	12.4	87	1.4	127	17
06/06/24 08:30	19	29	47	1	12.3	86	1.7	130	17
06/06/24 08:35	27	28	54	1	12.3	86	1.5	125	17
06/06/24 08:40	29	28	57	1	12.3	86	1.5	128	14
06/06/24 08:45	22	26	47	1	12.4	86	1.8	120	13
06/06/24 08:50	23	27	51	1	12.5	86	1.7	123	20
06/06/24 08:55	18	22	40	1	12.4	85	1.5	127	18
06/06/24 09:00	13	22	35	1	12.5	84	2.0	133	16

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/06/24 09:05	11	19	31	1	12.5	83	2.4	139	14
06/06/24 09:10	10	16	26	1	12.6	84	1.4	151	30
06/06/24 09:15	12	16	29	1	12.7	83	1.2	141	22
06/06/24 09:20	16	19	35	1	12.9	83	1.0	129	22
06/06/24 09:25	16	20	36	1	13.1	82	1.5	135	16
06/06/24 09:30	21	20	42	1	13.1	81	1.5	128	16
06/06/24 09:35	15	19	34	1	13.1	82	1.3	124	21
06/06/24 09:40	9	15	24	1	13.0	82	1.3	126	16
06/06/24 09:45	5	13	18	1	12.9	82	0.9	142	24
06/06/24 09:50	6	13	20	1	12.9	82	1.0	169	21
06/06/24 09:55	7	14	21	1	13.1	82	1.3	194	15
06/06/24 10:00	7	13	21	1	13.2	82	1.9	210	7
06/06/24 10:05	8	13	21	1	13.3	81	1.5	203	7
06/06/24 10:10	8	14	22	1	13.4	81	1.4	205	7
06/06/24 10:15	9	13	22	1	13.4	80	1.4	211	5
06/06/24 10:20	9	13	22	1	13.5	80	1.3	208	5
06/06/24 10:25	9	14	22	1	13.4	81	1.4	215	8
06/06/24 10:30	8	14	22	1	13.0	83	1.6	223	4
06/06/24 10:35	8	14	22	1	12.9	85	1.4	225	4
06/06/24 10:40	8	14	21	1	13.0	86	1.3	228	6
06/06/24 10:45	7	14	21	1	12.9	87	1.4	228	5
06/06/24 10:50	7	13	20	1	12.9	87	1.6	234	4
06/06/24 10:55	7	13	20	1	13.0	88	1.5	237	4
06/06/24 11:00	6	14	20	1	13.2	88	1.6	231	9
06/06/24 11:05	6	14	20	1	13.4	86	1.1	171	42
06/06/24 11:10	7	14	21	1	13.8	81	2.0	128	16
06/06/24 11:15	8	14	22	1	14.2	79	2.3	139	14
06/06/24 11:20	8	14	23	1	14.3	79	1.6	151	23
06/06/24 11:25	8	13	21	1	14.5	78	2.9	140	13
06/06/24 11:30	7	13	20	1	14.5	77	3.8	141	13
06/06/24 11:35	8	13	20	1	14.6	77	3.4	142	12
06/06/24 11:40	7	12	19	1	14.5	76	3.6	140	11
06/06/24 11:45	7	12	19	1	14.7	76	1.7	161	28
06/06/24 11:50	8	12	20	1	15.2	76	1.6	167	24
06/06/24 11:55	27	2	29	1	15.4	76	1.9	167	19
06/06/24 12:00	27	19	46	1	15.5	77	1.9	185	16
06/06/24 12:05	11	10	21	1	15.1	78	2.3	198	8
06/06/24 12:10	7	9	16	1	14.7	80	2.3	193	10
06/06/24 12:15	7	9	16	1	15.1	79	2.2	195	13
06/06/24 12:20	7	9	16	1	15.1	80	2.4	196	9
06/06/24 12:25	6	8	15	1	14.6	81	3.3	199	8
06/06/24 12:30	6	8	13	1	14.5	82	3.5	200	7
06/06/24 12:35	5	7	12	1	14.5	83	3.9	202	2
06/06/24 12:40	6	8	14	1	14.4	84	3.9	204	3
06/06/24 12:45	6	7	13	1	14.2	86	4.0	203	3
06/06/24 12:50	6	8	14	1	14.2	86	4.3	206	3
06/06/24 12:55	6	9	15	1	14.3	86	3.6	198	7
06/06/24 13:00	7	12	20	1	14.7	81	3.3	194	6
06/06/24 13:05	7	9	17	1	14.8	80	3.3	199	7
06/06/24 13:10	6	5	11	1	14.9	82	4.0	200	6
06/06/24 13:15	5	5	11	1	14.5	86	4.4	203	3
06/06/24 13:20	7	6	13	1	14.5	86	4.5	203	3
06/06/24 13:25	25	18	43	1	14.7	84	4.6	202	3
06/06/24 13:30	2	5	7	1	14.6	85	4.1	199	5
06/06/24 13:35	5	16	21	1	14.8	82	3.3	195	9
06/06/24 13:40	2	6	9	1	14.8	84	4.0	200	5
06/06/24 13:45	2	6	8	1	14.7	83	3.9	198	5
06/06/24 13:50	2	6	9	1	14.9	82	3.1	196	7
06/06/24 13:55	2	6	8	1	15.0	82	2.6	194	9
06/06/24 14:00	2	5	7	1	15.5	78	2.2	188	16
06/06/24 14:05	2	3	5	1	15.9	75	3.0	192	12
06/06/24 14:10	2	2	4	1	16.1	74	2.5	187	14
06/06/24 14:15	2	4	6	1	16.2	73	2.1	186	14
06/06/24 14:20	3	4	6	1	16.6	71	2.4	187	14
06/06/24 14:25	4	12	16	1	16.6	71	2.1	182	17
06/06/24 14:30	4	5	9	1	16.5	70	3.5	173	16
06/06/24 14:35	2	4	6	1	16.6	70	2.8	187	14
06/06/24 14:40	1	2	3	1	16.4	69	3.6	189	9
06/06/24 14:45	1	2	4	1	16.0	74	3.6	196	8
06/06/24 14:50	1	3	4	1	15.7	76	2.8	190	9
06/06/24 14:55	1	3	4	1	16.0	75	2.5	186	14
06/06/24 15:00	1	3	3	1	16.3	73	2.9	173	21
06/06/24 15:05	1	2	3	1	16.2	72	2.5	164	27
06/06/24 15:10	1	2	3	1	15.9	74	2.6	171	22
06/06/24 15:15	1	2	3	1	15.8	75	2.7	174	18
06/06/24 15:20	1	2	2	1	15.8	75	2.5	177	16
06/06/24 15:25	1	2	2	1	15.8	76	1.9	183	14
06/06/24 15:30	0	2	2	1	15.7	77	2.3	171	18
06/06/24 15:35	0	2	2	1	16.2	75	1.8	180	19
06/06/24 15:40	0	2	2	1	16.6	72	2.7	176	19
06/06/24 15:45	1	2	3	1	16.4	72	3.0	175	17
06/06/24 15:50	1	2	3	1	16.0	75	1.8	168	30
06/06/24 15:55	1	2	3	1	15.7	77	2.2	170	21
06/06/24 16:00	1	2	3	1	15.5	78	2.2	166	20
06/06/24 16:05	1	2	3	1	15.5	74	3.8	137	12
06/06/24 16:10	0	3	3	1	15.9	71	2.6	153	26

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/06/24 16:15	0	3	3	1	16.1	72	1.9	172	26
06/06/24 16:20	0	3	3	1	16.1	72	2.2	180	16
06/06/24 16:25	0	3	3	1	16.1	74	2.1	184	14
06/06/24 16:30	0	3	3	1	16.0	76	2.1	180	14
06/06/24 16:35	0	2	3	1	16.0	76	2.6	172	17
06/06/24 16:40	0	3	3	1	15.8	77	1.2	172	41
06/06/24 16:45	0	2	3	1	15.7	77	2.0	170	28
06/06/24 16:50	0	2	2	1	15.5	78	2.3	178	16
06/06/24 16:55	0	2	2	1	15.4	81	2.5	185	13
06/06/24 17:00	0	2	2	1	15.2	82	2.4	180	18
06/06/24 17:05	0	2	2	1	15.1	83	3.2	173	18
06/06/24 17:10	0	2	2	1	15.0	83	3.4	172	22
06/06/24 17:15	0	2	2	1	15.0	85	3.1	169	16
06/06/24 17:20	0	2	2	1	15.0	85	3.0	174	18
06/06/24 17:25	0	2	2	1	14.9	85	2.6	170	24
06/06/24 17:30	0	2	2	1	14.9	85	1.7	162	30
06/06/24 17:35	0	2	2	1	14.8	86	1.5	174	36
06/06/24 17:40	0	2	2	1	14.7	86	1.7	161	35
06/06/24 17:45	0	2	2	1	14.7	86	1.4	163	33
06/06/24 17:50	0	2	2	1	14.6	87	1.9	162	28
06/06/24 17:55	0	2	2	1	14.6	87	2.6	172	21
06/06/24 18:00	0	2	2	1	14.6	86	3.1	171	19
06/06/24 18:05	0	2	2	1	14.6	87	2.9	171	19
06/06/24 18:10	0	2	2	1	14.6	87	2.9	168	20
06/06/24 18:15	0	2	2	1	14.6	87	2.7	168	20
06/06/24 18:20	0	2	2	1	14.6	87	2.7	170	18
06/06/24 18:25	0	2	2	1	14.5	88	1.7	164	33
06/06/24 18:30	0	2	2	1	14.5	88	1.8	158	29
06/06/24 18:35	0	2	2	1	14.4	88	1.4	166	38
06/06/24 18:40	0	2	2	1	14.4	88	1.3	169	43
06/06/24 18:45	0	2	2	1	14.5	88	1.9	162	31
06/06/24 18:50	0	2	3	1	14.3	87	2.6	153	26
06/06/24 18:55	0	3	3	1	14.3	87	2.4	158	23
06/06/24 19:00	0	3	3	1	14.4	86	2.6	152	28
06/06/24 19:05	0	3	3	1	14.4	85	3.0	151	18
06/06/24 19:10	0	3	3	1	14.4	84	4.0	140	13
06/06/24 19:15	0	3	3	1	14.3	83	3.9	143	12
06/06/24 19:20	0	3	3	1	14.3	83	3.2	145	15
06/06/24 19:25	0	4	4	1	14.2	84	2.7	144	13
06/06/24 19:30	0	4	4	1	14.2	83	3.0	140	16
06/06/24 19:35	0	4	4	1	14.2	83	2.7	132	17
06/06/24 19:40	0	4	4	1	14.2	83	2.9	135	13
06/06/24 19:45	0	4	4	1	14.1	83	3.6	138	13
06/06/24 19:50	0	4	4	1	14.1	83	3.0	142	14
06/06/24 19:55	0	4	3	2	14.1	83	3.1	141	13
06/06/24 20:00	0	4	3	1	14.2	83	3.4	137	10
06/06/24 20:05	0	4	3	1	14.1	82	3.5	133	14
06/06/24 20:10	0	4	4	1	14.0	82	3.8	137	9
06/06/24 20:15	0	4	4	1	14.0	82	3.0	135	13
06/06/24 20:20	0	4	4	1	13.9	83	3.2	137	9
06/06/24 20:25	0	4	4	1	13.9	83	3.3	140	10
06/06/24 20:30	0	4	4	1	14.0	84	2.8	145	19
06/06/24 20:35	0	4	4	1	14.0	84	2.5	148	18
06/06/24 20:40	0	4	4	1	13.9	84	1.9	160	25
06/06/24 20:45	0	4	4	1	13.9	84	2.3	151	23
06/06/24 20:50	0	4	4	1	13.9	83	2.3	151	21
06/06/24 20:55	0	4	4	1	13.8	82	2.0	159	26
06/06/24 21:00	0	4	4	1	13.9	83	1.6	173	30
06/06/24 21:05	0	4	4	1	13.8	83	1.5	164	29
06/06/24 21:10	0	4	4	1	13.7	83	1.3	156	34
06/06/24 21:15	0	4	4	1	13.6	82	1.8	157	27
06/06/24 21:20	0	4	4	1	13.7	81	2.3	147	18
06/06/24 21:25	0	4	4	1	13.6	81	1.6	148	26
06/06/24 21:30	0	4	4	1	13.6	82	1.8	151	20
06/06/24 21:35	0	4	4	1	13.5	83	1.7	146	26
06/06/24 21:40	0	4	4	1	13.5	82	1.9	153	22
06/06/24 21:45	0	4	4	1	13.5	83	1.5	154	23
06/06/24 21:50	0	4	4	1	13.5	83	1.8	164	23
06/06/24 21:55	0	4	4	1	13.4	83	1.6	150	19
06/06/24 22:00	0	4	4	1	13.5	83	1.7	147	19
06/06/24 22:05	0	4	4	1	13.4	84	2.0	143	15
06/06/24 22:10	0	4	4	1	13.5	84	2.2	140	20
06/06/24 22:15	0	4	4	1	13.5	84	2.4	130	14
06/06/24 22:20	0	4	4	1	13.6	84	2.5	137	10
06/06/24 22:25	0	4	4	1	13.5	83	2.6	136	13
06/06/24 22:30	0	4	4	1	13.5	84	2.0	131	16
06/06/24 22:35	0	4	4	1	13.5	84	1.3	119	18
06/06/24 22:40	0	4	4	1	13.3	85	1.9	132	16
06/06/24 22:45	0	3	4	1	13.3	85	1.3	154	25
06/06/24 22:50	0	4	4	1	13.3	86	1.4	160	26
06/06/24 22:55	0	3	4	1	13.2	86	1.6	161	28
06/06/24 23:00	0	3	4	1	13.2	86	2.7	142	20
06/06/24 23:05	0	3	4	1	13.3	85	2.4	149	20
06/06/24 23:10	0	3	3	1	13.3	85	2.6	146	23
06/06/24 23:15	0	3	3	1	13.2	85	3.1	148	19
06/06/24 23:20	0	3	3	1	13.3	85	3.3	141	14

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/06/24 23:25	0	3	3	1	13.3	85	3.4	142	17
06/06/24 23:30	0	3	3	1	13.3	85	3.1	138	15
06/06/24 23:35	0	2	2	1	13.3	86	2.5	146	17
06/06/24 23:40	0	2	3	1	13.2	86	2.8	140	16
06/06/24 23:45	0	2	3	1	13.2	86	2.1	144	23
06/06/24 23:50	0	2	2		13.1	86	2.1	143	16
06/06/24 23:55	0	2	2		13.2	87	1.5	148	25
07/06/24 00:00	0	2	2	1	13.0	88	1.3	169	29
07/06/24 00:05	0	2	2	2	12.9	88	1.3	165	26
07/06/24 00:10	0	2	2	2	12.9	88	1.7	145	19
07/06/24 00:15	0	2	2	2	12.8	88	1.6	140	17
07/06/24 00:20	0	2	2	2	12.9	89	1.0	159	29
07/06/24 00:25	0	2	2	2	12.8	89	1.0	145	33
07/06/24 00:30	0	2	2	2	12.8	90	1.3	149	24
07/06/24 00:35	0	2	2	2	12.7	89	1.1	146	27
07/06/24 00:40	0	2	2	2	12.8	90	1.3	144	23
07/06/24 00:45	0	2	3	2	12.8	90	1.7	149	22
07/06/24 00:50	0	3	3	2	12.8	90	2.1	151	18
07/06/24 00:55	0	3	2	2	12.8	89	2.1	148	23
07/06/24 01:00	0	2	2	2	12.7	89	2.5	132	13
07/06/24 01:05					12.8	89	2.4	127	14
07/06/24 01:10					12.7	90	2.4	119	11
07/06/24 01:15					12.6	90	1.8	120	12
07/06/24 01:20					12.5	91	1.7	120	14
07/06/24 01:25					12.4	92	2.3	113	8
07/06/24 01:30					12.4	92	2.5	118	11
07/06/24 01:35					12.3	92	2.2	119	13
07/06/24 01:40					12.3	93	2.3	126	19
07/06/24 01:45					12.4	92	2.5	127	18
07/06/24 01:50					12.5	92	2.8	123	17
07/06/24 01:55					12.4	93	2.5	119	21
07/06/24 02:00					12.4	92	3.0	128	17
07/06/24 02:05	0	2	2	1	12.4	92	3.4	128	13
07/06/24 02:10	0	2	2	1	12.4	92	4.6	134	9
07/06/24 02:15	0	2	2	1	12.6	92	4.6	134	10
07/06/24 02:20	0	2	2	1	12.5	92	5.4	138	6
07/06/24 02:25	0	2	2	1	12.5	92	4.6	135	10
07/06/24 02:30	0	2	2	1	12.6	92	4.6	132	11
07/06/24 02:35	0	2	2	1	12.5	92	4.0	132	11
07/06/24 02:40	0	2	2	1	12.5	91	4.3	130	10
07/06/24 02:45	0	2	2	1	12.5	91	4.1	129	11
07/06/24 02:50	0	2	3	1	12.4	91	4.7	131	9
07/06/24 02:55	0	2	3	1	12.5	91	4.9	138	9
07/06/24 03:00	0	2	2	1	12.5	91	4.3	136	10
07/06/24 03:05	0	2	2	1	12.5	90	4.7	139	12
07/06/24 03:10	0	2	2	1	12.4	90	3.5	146	18
07/06/24 03:15	0	2	2	1	12.5	90	4.5	140	12
07/06/24 03:20	0	2	3	1	12.4	90	4.3	139	13
07/06/24 03:25	0	2	3	1	12.5	89	4.5	135	13
07/06/24 03:30	0	2	3	1	12.5	89	4.7	135	8
07/06/24 03:35	0	2	2	1	12.5	89	4.2	136	12
07/06/24 03:40	0	2	2	1	12.5	89	4.1	136	11
07/06/24 03:45	0	2	3	1	12.5	89	4.4	137	11
07/06/24 03:50	0	3	3	1	12.4	88	4.1	140	11
07/06/24 03:55	0	3	3	1	12.5	88	4.3	135	8
07/06/24 04:00	0	3	3	1	12.5	88	4.1	136	12
07/06/24 04:05	0	3	3	1	12.5	88	3.9	138	11
07/06/24 04:10	0	3	3	1	12.5	88	3.5	144	15
07/06/24 04:15	0	3	3	1	12.5	88	3.6	132	9
07/06/24 04:20	0	2	3	1	12.4	89	2.9	133	12
07/06/24 04:25	0	2	2	1	12.4	89	3.4	136	10
07/06/24 04:30	0	2	2	1	12.4	89	3.3	137	10
07/06/24 04:35	0	2	2	1	12.4	89	3.0	138	10
07/06/24 04:40	0	2	2	1	12.4	89	3.2	136	12
07/06/24 04:45	0	1	2	1	12.4	88	3.7	138	10
07/06/24 04:50	0	1	2	1	12.3	88	3.6	142	13
07/06/24 04:55	0	1	2	1	12.3	89	3.7	137	9
07/06/24 05:00	0	1	2	1	12.3	90	3.6	136	9
07/06/24 05:05	0	1	1	1	12.3	90	3.0	131	13
07/06/24 05:10	0	1	1	1	12.3	89	3.0	130	15
07/06/24 05:15	0	1	2	1	12.2	90	2.9	131	11
07/06/24 05:20	0	2	2	1	12.2	90	2.5	123	16
07/06/24 05:25	0	2	2	1	12.0	90	2.1	124	17
07/06/24 05:30	0	2	2	1	11.8	90	1.9	125	18
07/06/24 05:35	0	2	2	1	11.8	90	2.4	127	13
07/06/24 05:40	0	2	2	1	11.7	91	2.1	122	18
07/06/24 05:45	0	2	2	1	11.7	91	2.2	122	15
07/06/24 05:50	0	3	3	1	11.7	91	2.5	120	12
07/06/24 05:55	0	3	3	1	11.5	91	2.4	122	13
07/06/24 06:00	0	3	3	1	11.5	91	2.6	120	11
07/06/24 06:05	0	4	4	1	11.4	92	2.1	122	14
07/06/24 06:10	0	4	5	1	11.3	92	2.3	120	13
07/06/24 06:15	0	5	5	1	11.4	93	3.4	114	6
07/06/24 06:20	0	7	7	1	11.4	93	3.5	112	6
07/06/24 06:25	0	9	9	1	11.4	93	3.7	114	6
07/06/24 06:30	0	10	10	1	11.4	93	3.2	116	7

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/06/24 06:35	0	10	11	1	11.3	93	3.2	115	8
07/06/24 06:40	0	11	11	1	11.3	93	3.3	116	8
07/06/24 06:45	0	12	12	1	11.1	93	3.4	118	8
07/06/24 06:50	0	12	13	1	11.0	93	2.4	118	15
07/06/24 06:55	0	13	13	1	11.0	93	2.5	119	14
07/06/24 07:00	1	14	15	1	11.0	93	2.6	119	12
07/06/24 07:05	1	15	15	1	11.0	94	3.5	115	7
07/06/24 07:10	1	15	16	1	10.9	94	3.6	116	7
07/06/24 07:15	1	16	17	1	10.9	94	3.6	113	6
07/06/24 07:20	1	17	18	1	10.9	94	3.0	113	10
07/06/24 07:25	1	19	20	1	11.0	94	2.0	115	14
07/06/24 07:30	2	20	22	1	10.9	94	2.2	123	14
07/06/24 07:35	3	22	25	1	10.9	94	2.4	119	10
07/06/24 07:40	6	23	29	1	11.0	94	2.0	116	18
07/06/24 07:45	9	23	32	1	10.9	94	1.6	124	19
07/06/24 07:50	11	24	35	1	11.0	94	1.6	125	19
07/06/24 07:55	5	22	27	1	11.0	94	2.1	133	11
07/06/24 08:00	3	19	22	1	11.2	94	2.3	133	18
07/06/24 08:05	4	19	23	1	11.4	93	2.5	128	16
07/06/24 08:10	4	18	22	1	11.6	92	2.3	122	14
07/06/24 08:15	4	18	22	1	11.9	90	2.0	121	21
07/06/24 08:20	4	18	22	1	12.1	89	2.2	128	16
07/06/24 08:25	5	18	23	1	12.1	88	2.7	131	10
07/06/24 08:30	5	18	23	1	12.2	88	2.9	140	14
07/06/24 08:35	6	18	23	1	12.4	88	2.3	140	14
07/06/24 08:40	6	16	22	1	12.5	87	2.5	136	14
07/06/24 08:45	6	15	21	1	12.5	86	3.0	137	13
07/06/24 08:50	5	14	20	1	12.6	86	2.7	130	15
07/06/24 08:55	5	13	18	1	12.6	86	2.6	131	13
07/06/24 09:00	5	12	17	1	12.6	86	2.2	128	12
07/06/24 09:05	5	12	17	1	12.9	85	1.8	125	19
07/06/24 09:10	5	12	17	1	13.0	85	1.9	120	17
07/06/24 09:15	5	13	18	1	12.8	86	2.1	118	13
07/06/24 09:20	6	14	19	1	12.7	87	2.6	117	12
07/06/24 09:25	5	14	19	1	12.6	88	3.2	119	14
07/06/24 09:30	5	13	18	1	12.5	89	3.6	114	11
07/06/24 09:35	5	11	16	1	12.5	89	3.1	120	14
07/06/24 09:40	3	9	13	1	12.6	89	2.4	120	18
07/06/24 09:45	3	10	13	1	12.8	88	2.5	119	15
07/06/24 09:50	3	10	13	1	12.9	88	2.3	120	14
07/06/24 09:55	3	10	13	1	12.9	88	2.1	125	16
07/06/24 10:00	3	10	13	1	13.1	87	1.7	127	19
07/06/24 10:05	3	10	13	1	13.3	86	2.4	128	13
07/06/24 10:10	4	9	13	1	13.3	85	2.4	135	13
07/06/24 10:15	4	9	13	1	13.4	85	2.0	129	15
07/06/24 10:20	4	9	13	1	13.5	85	2.0	127	15
07/06/24 10:25	4	9	13	2	13.7	83	2.4	132	15
07/06/24 10:30	4	9	12	2	13.8	83	2.6	135	14
07/06/24 10:35	3	8	12	1	13.6	84	2.5	138	16
07/06/24 10:40	3	8	11	1	13.6	85	2.2	146	25
07/06/24 10:45	3	8	10	1	13.6	85	2.9	145	14
07/06/24 10:50	3	7	10	1	13.6	85	2.3	145	21
07/06/24 10:55	3	7	10	1	13.7	86	1.7	173	23
07/06/24 11:00	3	7	11	1	13.9	86	2.2	187	15
07/06/24 11:05	3	6	9	1	13.8	86	2.5	186	14
07/06/24 11:10	3	4	6	1	13.7	87	2.8	189	12
07/06/24 11:15	3	4	6	1	13.7	87	3.1	190	11
07/06/24 11:20	2	4	6	2	13.6	87	2.8	188	11
07/06/24 11:25	2	4	7	1	13.8	87	2.8	187	14
07/06/24 11:30	2	4	7	1	13.9	86	2.8	190	12
07/06/24 11:35	2	4	6	1	13.8	86	3.0	189	14
07/06/24 11:40	2	4	6	1	13.8	86	2.7	189	15
07/06/24 11:45	2	4	6	1	13.7	86	2.8	187	11
07/06/24 11:50	1	4	6	1	13.8	86	2.5	192	13
07/06/24 11:55	1	4	6	1	13.9	87	2.3	193	13
07/06/24 12:00	1	4	6	1	14.0	86	2.5	189	12
07/06/24 12:05	1	4	5	1	14.1	86	2.2	193	11
07/06/24 12:10	1	4	5	1	14.3	85	2.6	195	10
07/06/24 12:15	1	4	5	1	14.5	84	2.7	195	10
07/06/24 12:20	1	3	4	1	14.6	84	2.3	185	16
07/06/24 12:25	1	3	5	1	14.8	83	2.2	188	14
07/06/24 12:30	1	3	4	1	15.1	82	2.0	179	19
07/06/24 12:35	1	3	4	1	15.5	79	2.4	177	18
07/06/24 12:40	1	3	4	1	15.5	79	2.3	180	19
07/06/24 12:45	1	3	3	1	15.4	80	2.1	178	17
07/06/24 12:50	1	2	3	1	15.5	80	1.8	180	23
07/06/24 12:55	1	2	3	1	15.7	79	2.6	171	22
07/06/24 13:00	2	3	5	1	15.6	79	2.7	168	20
07/06/24 13:05	2	5	7	1	15.3	79	2.0	168	26
07/06/24 13:10	2	2	5	1	15.3	80	2.3	174	22
07/06/24 13:15	2	0	2	1	15.2	80	2.1	170	21
07/06/24 13:20	1	2	3	1	15.2	80	2.2	186	13
07/06/24 13:25	2	4	6	1	15.2	80	2.5	184	15
07/06/24 13:30	1	2	4	1	15.1	80	3.1	186	11
07/06/24 13:35	1	2	3	1	15.1	81	3.3	191	12
07/06/24 13:40	1	2	3	1	15.2	81	3.2	191	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/06/24 13:45	1	2	3	1	15.5	78	3.1	188	11
07/06/24 13:50	1	2	3	1	15.9	77	3.1	189	11
07/06/24 13:55	1	2	4	1	15.9	76	3.3	187	12
07/06/24 14:00	1	2	4	1	15.8	78	4.2	189	12
07/06/24 14:05	1	2	4	1	15.5	79	3.5	189	12
07/06/24 14:10	1	2	3	1	15.6	79	3.8	187	12
07/06/24 14:15	1	2	3	1	15.5	78	3.6	187	10
07/06/24 14:20	1	2	3	1	15.4	79	3.4	188	12
07/06/24 14:25	1	2	2	1	15.3	82	3.5	188	11
07/06/24 14:30	1	2	2	1	15.3	82	3.0	185	13
07/06/24 14:35	1	1	2	1	15.3	82	2.7	185	12
07/06/24 14:40	1	1	2	1	15.3	82	2.6	181	16
07/06/24 14:45	1	1	2	1	15.3	82	2.7	181	15
07/06/24 14:50	1	1	2	1	15.4	82	2.4	182	19
07/06/24 14:55	1	2	2	1	15.6	81	2.3	182	15
07/06/24 15:00	1	2	2	1	16.0	79	2.7	180	21
07/06/24 15:05	1	1	2	1	16.0	78	2.7	179	18
07/06/24 15:10	0	1	2	1	15.7	80	3.4	172	17
07/06/24 15:15	1	1	2	1	15.4	80	3.1	173	20
07/06/24 15:20	1	1	2	1	15.3	81	3.7	169	14
07/06/24 15:25	1	1	2	1	15.1	83	3.5	173	16
07/06/24 15:30	1	2	3	1	15.0	84	3.3	169	23
07/06/24 15:35	1	2	3	1	14.9	85	3.6	168	20
07/06/24 15:40	1	2	3	1	14.8	85	3.6	171	18
07/06/24 15:45	1	2	2	1	14.7	85	3.1	170	21
07/06/24 15:50	1	2	2	1	15.0	85	2.7	175	19
07/06/24 15:55	0	2	2	2	15.1	84	2.7	186	13
07/06/24 16:00	0	1	2	1	15.1	84	2.9	177	17
07/06/24 16:05	0	1	2	2	15.2	84	2.5	179	17
07/06/24 16:10	0	1	2	1	15.3	83	2.5	180	16
07/06/24 16:15	0	1	2	1	15.2	83	2.7	183	14
07/06/24 16:20	0	1	2	1	14.9	84	2.9	181	12
07/06/24 16:25	0	1	2	1	14.9	84	2.8	182	14
07/06/24 16:30	0	2	2	1	14.9	85	2.5	183	16
07/06/24 16:35	0	2	2	1	14.8	85	2.7	180	19
07/06/24 16:40	0	2	2	1	14.8	86	3.1	175	17
07/06/24 16:45	0	2	2	1	14.8	86	3.5	168	18
07/06/24 16:50	0	2	2	1	14.8	86	3.1	168	20
07/06/24 16:55	0	2	2	1	14.6	86	3.5	169	20
07/06/24 17:00	0	1	2	1	14.6	85	3.8	172	18
07/06/24 17:05	0	2	2	1	14.6	85	2.9	161	24
07/06/24 17:10	0	2	2	1	14.5	86	3.6	171	18
07/06/24 17:15	0	2	2	1	14.5	87	3.2	175	18
07/06/24 17:20	0	2	2	2	14.6	87	3.4	172	19
07/06/24 17:25	0	2	2	2	14.5	87	2.4	177	20
07/06/24 17:30	0	1	2	1	14.5	87	3.2	177	16
07/06/24 17:35	0	1	2	1	14.5	87	3.5	173	17
07/06/24 17:40	0	2	2	1	14.4	88	3.3	175	20
07/06/24 17:45	0	2	2	1	14.4	88	3.2	169	22
07/06/24 17:50	0	1	2	1	14.4	88	1.9	169	35
07/06/24 17:55	0	2	2	1	14.3	87	3.5	155	24
07/06/24 18:00	0	1	2	1	14.3	87	3.2	149	23
07/06/24 18:05	0	1	1	1	14.3	87	2.2	160	28
07/06/24 18:10	0	2	2	1	14.3	89	2.5	169	22
07/06/24 18:15	0	2	2	1	14.3	89	3.1	171	16
07/06/24 18:20	0	2	2	1	14.2	89	2.9	177	15
07/06/24 18:25	0	2	2	1	14.2	90	2.8	167	24
07/06/24 18:30	0	2	2	1	14.1	89	2.8	168	24
07/06/24 18:35	0	2	2	1	14.1	89	2.7	164	25
07/06/24 18:40	0	2	2	1	14.0	89	3.1	173	21
07/06/24 18:45	0	2	2	1	14.1	90	3.0	167	22
07/06/24 18:50	0	2	2	1	14.0	90	2.3	168	24
07/06/24 18:55	0	2	2	1	14.0	90	3.1	171	22
07/06/24 19:00	0	2	2	1	14.0	91	3.3	168	18
07/06/24 19:05	0	2	2	1	13.9	90	2.9	171	20
07/06/24 19:10	0	2	2	1	14.0	90	2.8	168	21
07/06/24 19:15	0	2	2	1	14.0	91	2.0	172	25
07/06/24 19:20	0	2	2	1	14.0	91	1.9	164	30
07/06/24 19:25	0	2	3	1	13.9	90	2.0	169	29
07/06/24 19:30	0	2	2	1	13.9	89	2.7	153	30
07/06/24 19:35	0	2	2	1	13.9	89	3.8	135	15
07/06/24 19:40	0	2	2	1	13.9	88	4.4	133	12
07/06/24 19:45	0	2	2	1	13.8	89	2.8	125	21
07/06/24 19:50	0	2	2	1	13.8	89	3.2	126	16
07/06/24 19:55	0	2	3	1	13.7	89	3.0	127	21
07/06/24 20:00	0	3	3	1	13.5	89	4.4	132	13
07/06/24 20:05	0	3	3	1	13.6	90	3.4	135	14
07/06/24 20:10	0	3	3	1	13.6	90	4.0	135	9
07/06/24 20:15	0	3	3	1	13.5	90	3.5	132	11
07/06/24 20:20	0	3	3	1	13.5	90	3.6	139	10
07/06/24 20:25	0	3	3	1	13.4	90	4.0	138	13
07/06/24 20:30	0	3	3	1	13.4	90	3.1	130	14
07/06/24 20:35	0	3	3	1	13.4	90	3.1	130	16
07/06/24 20:40	0	3	3	1	13.3	91	3.4	137	13
07/06/24 20:45	0	3	3	1	13.3	90	2.8	146	19
07/06/24 20:50	0	3	3	1	13.2	91	3.0	149	16

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/06/24 20:55	0	3	3	1	13.2	91	2.0	157	26
07/06/24 21:00	0	3	3	1	13.2	91	3.2	143	14
07/06/24 21:05	0	3	3	1	13.2	92	3.3	143	11
07/06/24 21:10	0	3	3	1	13.2	92	2.4	148	19
07/06/24 21:15	0	3	3	1	13.1	92	3.2	139	11
07/06/24 21:20	0	3	3	1	13.2	92	2.1	152	25
07/06/24 21:25	0	3	3	1	13.1	91	2.6	149	21
07/06/24 21:30	0	3	3	1	13.1	91	3.8	138	10
07/06/24 21:35	0	3	3	1	13.2	91	3.3	136	9
07/06/24 21:40	0	3	3	1	13.1	91	2.9	143	16
07/06/24 21:45	0	3	3	1	13.1	91	1.8	162	29
07/06/24 21:50	0	3	3	1	13.0	92	1.4	172	31
07/06/24 21:55	0	3	3	1	13.0	92	2.1	173	25
07/06/24 22:00	0	3	3	1	13.1	92	1.9	171	28
07/06/24 22:05	0	3	3	1	13.0	92	1.9	165	26
07/06/24 22:10	0	3	3	1	13.0	92	1.8	160	26
07/06/24 22:15	0	3	3	1	13.0	92	1.7	164	31
07/06/24 22:20	0	2	3	1	13.0	92	1.7	162	31
07/06/24 22:25	0	2	2	1	13.0	92	3.4	145	18
07/06/24 22:30	0	2	2	1	13.0	91	3.9	147	16
07/06/24 22:35	0	2	2	1	13.0	91	4.2	141	12
07/06/24 22:40	0	2	2	1	13.1	91	4.2	137	10
07/06/24 22:45	0	2	2	1	13.0	92	3.3	132	11
07/06/24 22:50	0	2	2	1	12.9	92	2.8	131	13
07/06/24 22:55	0	2	3	1	12.8	92	3.3	134	15
07/06/24 23:00	0	2	3	1	12.8	92	3.2	132	16
07/06/24 23:05	0	2	3	1	12.8	93	3.3	132	13
07/06/24 23:10	0	3	3	1	12.7	93	3.3	132	15
07/06/24 23:15	0	3	3	1	12.6	93	2.3	127	18
07/06/24 23:20	0	3	3	1	12.7	93	2.2	128	21
07/06/24 23:25	0	3	3	1	12.6	93	2.8	130	15
07/06/24 23:30	0	3	3	1	12.6	93	3.7	140	14
07/06/24 23:35	0	3	3	1	12.6	93	3.7	143	16
07/06/24 23:40	0	3	3	1	12.6	92	3.0	148	16
07/06/24 23:45	0	3	3	1	12.6	93	3.1	144	15
07/06/24 23:50	0	3	3		12.6	93	3.3	142	12
07/06/24 23:55	0	2	3		12.7	93	3.3	144	14
08/06/24 00:00	0	2	3	1	12.7	93	2.5	147	19
08/06/24 00:05	0	2	2	1	12.7	93	3.3	138	12
08/06/24 00:10	0	2	2	1	12.7	92	2.6	146	18
08/06/24 00:15	0	2	2	1	12.6	92	3.0	141	12
08/06/24 00:20	0	2	2	1	12.5	92	3.0	141	10
08/06/24 00:25	0	2	3	1	12.5	92	3.3	141	14
08/06/24 00:30	0	2	2	1	12.4	92	3.1	140	13
08/06/24 00:35	0	2	3	1	12.5	92	3.4	137	10
08/06/24 00:40	0	2	3	1	12.5	93	3.2	136	11
08/06/24 00:45	0	2	3	1	12.5	93	2.8	144	22
08/06/24 00:50	0	2	2	1	12.5	94	2.7	131	14
08/06/24 00:55	0	2	2	1	12.4	94	2.2	124	17
08/06/24 01:00	0	2	2	1	12.4	94	2.4	117	15
08/06/24 01:05					12.4	95	2.0	125	19
08/06/24 01:10					12.4	94	2.6	132	10
08/06/24 01:15					12.4	94	1.7	124	18
08/06/24 01:20					12.1	94	2.2	95	12
08/06/24 01:25					11.7	94	2.0	90	14
08/06/24 01:30					11.6	94	1.8	95	9
08/06/24 01:35					11.5	94	1.8	101	11
08/06/24 01:40					11.4	94	1.5	97	11
08/06/24 01:45					11.4	94	1.5	96	12
08/06/24 01:50					11.5	94	1.8	101	9
08/06/24 01:55					11.4	94	1.6	109	12
08/06/24 02:00					11.5	95	1.4	117	15
08/06/24 02:05	0	5	5	1	11.6	95	1.5	120	14
08/06/24 02:10	0	5	6	1	11.5	94	1.4	98	14
08/06/24 02:15	0	6	7	1	11.4	94	1.2	95	14
08/06/24 02:20	0	6	7	1	11.4	94	1.2	90	13
08/06/24 02:25	0	7	7	1	11.3	94	1.4	77	12
08/06/24 02:30	1	8	10	1	11.1	94	1.6	80	16
08/06/24 02:35	1	7	8	1	11.0	94	1.3	84	16
08/06/24 02:40	1	7	8	1	11.1	94	1.6	81	12
08/06/24 02:45	1	7	7	1	11.1	95	1.6	93	12
08/06/24 02:50	0	6	7	1	11.2	95	1.8	96	11
08/06/24 02:55	0	6	6	1	11.2	95	1.9	107	6
08/06/24 03:00	0	6	6	1	11.3	95	2.5	109	5
08/06/24 03:05	0	6	6	1	11.4	95	2.2	111	6
08/06/24 03:10	0	7	7	1	11.4	95	2.1	112	6
08/06/24 03:15	0	7	7	1	11.4	96	1.7	116	12
08/06/24 03:20	0	7	7	1	11.5	96	1.5	123	15
08/06/24 03:25	0	7	7	1	11.4	96	1.1	155	31
08/06/24 03:30	0	6	6	1	11.5	96	1.1	173	25
08/06/24 03:35	0	6	6	1	11.5	96	1.0	187	24
08/06/24 03:40	0	5	5	1	11.6	96	1.4	185	17
08/06/24 03:45	0	5	5	1	11.7	96	1.8	191	13
08/06/24 03:50	0	5	5	1	11.8	95	2.3	186	12
08/06/24 03:55	0	4	4	1	11.8	95	1.6	186	16
08/06/24 04:00	0	4	4	1	11.9	95	2.3	190	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/06/24 04:05	0	4	4	1	12.0	93	2.5	187	11
08/06/24 04:10	0	3	4	1	12.1	92	2.6	191	9
08/06/24 04:15	0	3	3	1	12.3	90	2.9	190	10
08/06/24 04:20	0	3	3	1	12.4	90	3.3	190	10
08/06/24 04:25	0	3	3	1	12.4	88	3.0	192	10
08/06/24 04:30	0	3	3	1	12.4	87	3.1	190	11
08/06/24 04:35	0	3	3	1	12.6	87	3.0	189	12
08/06/24 04:40	0	3	3	1	12.7	86	3.0	186	11
08/06/24 04:45	0	3	2	1	12.8	86	2.7	186	13
08/06/24 04:50	0	3	2	1	12.9	85	2.4	188	12
08/06/24 04:55	0	2	2	1	12.9	85	2.2	184	15
08/06/24 05:00	0	2	2	1	12.9	84	2.3	170	27
08/06/24 05:05	0	2	2	1	13.0	84	2.1	165	29
08/06/24 05:10	0	2	2	1	13.0	82	2.2	150	27
08/06/24 05:15	0	2	2	1	13.1	82	1.8	168	32
08/06/24 05:20	0	3	3	1	13.1	81	2.6	148	23
08/06/24 05:25	0	3	3	1	13.0	81	2.7	148	19
08/06/24 05:30	0	3	3	1	13.1	81	1.7	162	29
08/06/24 05:35	0	3	3	1	13.0	82	1.4	164	33
08/06/24 05:40	0	3	3	1	13.0	82	1.3	166	32
08/06/24 05:45	0	3	3	1	13.0	83	1.7	172	24
08/06/24 05:50	0	3	3	1	13.0	83	1.5	180	17
08/06/24 05:55	0	3	3	1	12.9	82	1.8	186	14
08/06/24 06:00	0	3	3	1	13.0	80	2.0	181	14
08/06/24 06:05	0	3	3	1	13.1	81	1.4	187	17
08/06/24 06:10	0	3	3	1	13.1	81	1.6	183	18
08/06/24 06:15	0	3	4	1	13.2	81	1.4	164	25
08/06/24 06:20	0	4	4	1	13.2	81	1.3	167	28
08/06/24 06:25	0	4	4	1	13.3	80	1.4	162	30
08/06/24 06:30	0	4	4	1	13.4	80	2.1	149	22
08/06/24 06:35	0	4	4	1	13.5	80	2.7	124	21
08/06/24 06:40	0	4	4	1	13.3	81	2.2	104	7
08/06/24 06:45	0	5	5	1	13.1	82	2.1	113	8
08/06/24 06:50	0	5	5	1	13.0	83	2.2	113	8
08/06/24 06:55	0	5	6	2	12.9	83	2.2	114	7
08/06/24 07:00	0	5	5	2	12.9	82	1.4	123	19
08/06/24 07:05	0	5	5	2	12.9	83	1.3	135	23
08/06/24 07:10	0	5	5	2	12.9	84	1.6	129	20
08/06/24 07:15	0	4	5	1	12.9	84	1.6	118	14
08/06/24 07:20	0	4	4	1	12.9	85	2.1	117	11
08/06/24 07:25	0	4	4	1	12.8	85	2.1	128	15
08/06/24 07:30	1	10	11	1	12.9	86	1.5	125	17
08/06/24 07:35	1	5	6	1	12.9	87	1.7	117	14
08/06/24 07:40	1	5	6	1	12.9	87	1.4	126	19
08/06/24 07:45	1	5	6	1	12.7	87	1.9	132	15
08/06/24 07:50	0	5	5	1	12.7	88	2.1	129	17
08/06/24 07:55	0	5	5	1	12.8	88	2.0	123	15
08/06/24 08:00	0	5	5	1	12.7	88	2.4	117	14
08/06/24 08:05	0	5	5	1	12.7	88	2.7	113	8
08/06/24 08:10	0	5	5	1	12.6	88	2.9	105	7
08/06/24 08:15	0	6	6	1	12.5	88	2.7	105	6
08/06/24 08:20	1	6	7	1	12.4	89	2.4	109	6
08/06/24 08:25	1	8	8	1	12.5	88	2.3	106	7
08/06/24 08:30	1	8	9	1	12.4	88	2.3	107	6
08/06/24 08:35	1	9	9	1	12.4	88	2.0	105	8
08/06/24 08:40	1	9	10	1	12.4	88	2.0	110	6
08/06/24 08:45	9	2	11	1	12.4	88	2.3	112	7
08/06/24 08:50	1	9	11	1	12.4	88	2.1	106	9
08/06/24 08:55	1	9	10	1	12.4	88	1.7	97	12
08/06/24 09:00	1	9	10	1	12.4	88	1.4	107	12
08/06/24 09:05	1	9	10	1	12.5	88	1.9	110	6
08/06/24 09:10	1	8	9	1	12.6	88	1.7	104	6
08/06/24 09:15	2	8	10	1	12.6	89	1.5	109	12
08/06/24 09:20	3	8	11	1	12.7	88	2.3	116	8
08/06/24 09:25	2	7	9	1	12.7	88	2.4	115	7
08/06/24 09:30	2	7	9	1	12.6	87	2.4	118	10
08/06/24 09:35	3	7	10	1	12.7	88	2.4	109	6
08/06/24 09:40	2	8	10	1	12.7	88	1.8	113	10
08/06/24 09:45	3	7	11	1	12.8	87	1.8	119	13
08/06/24 09:50	2	7	9	1	12.8	87	2.2	114	10
08/06/24 09:55	2	6	8	1	12.8	88	2.1	130	12
08/06/24 10:00	2	6	7	1	12.8	88	1.4	146	23
08/06/24 10:05	2	6	9	1	12.9	89	1.3	144	23
08/06/24 10:10	3	6	10	1	13.0	88	1.8	136	15
08/06/24 10:15	2	5	7	1	13.0	89	1.6	128	18
08/06/24 10:20	10	10	20	1	12.9	90	1.7	132	15
08/06/24 10:25	2	7	9	1	12.8	91	1.2	148	20
08/06/24 10:30	2	6	7	1	12.7	92	1.3	134	16
08/06/24 10:35	2	5	7	1	12.7	92	1.0	130	19
08/06/24 10:40	2	6	7	1	13.1	92	1.0	155	23
08/06/24 10:45	2	6	7	1	13.3	90	1.6	125	17
08/06/24 10:50	2	6	7	1	13.4	89	1.7	119	16
08/06/24 10:55	2	6	8	1	13.2	89	1.1	154	25
08/06/24 11:00	2	5	7	1	13.6	89	1.1	166	21
08/06/24 11:05	2	5	8	1	13.9	87	1.3	195	11
08/06/24 11:10	2	6	8	1	13.8	85	1.1	179	22

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/06/24 11:15	2	5	7	1	13.8	85	0.8	173	20
08/06/24 11:20	2	5	7	1	14.1	84	0.9	192	29
08/06/24 11:25	2	5	7	1	13.9	82	0.9	199	25
08/06/24 11:30	2	5	7	1	14.4	81	0.6	159	26
08/06/24 11:35	2	5	7	1	14.2	80	1.3	227	8
08/06/24 11:40	2	5	7	1	13.8	84	1.6	232	6
08/06/24 11:45	2	5	7	1	13.5	86	2.0	223	5
08/06/24 11:50	2	5	6	1	13.4	88	2.1	222	4
08/06/24 11:55	2	5	7	1	13.2	88	1.1	194	31
08/06/24 12:00	1	5	6	1	13.6	86	1.0	208	23
08/06/24 12:05	1	5	6	2	13.5	87	1.9	221	4
08/06/24 12:10	1	5	6	1	13.2	88	1.7	220	4
08/06/24 12:15	2	5	7	1	13.3	88	1.7	221	4
08/06/24 12:20	2	5	7	1	13.2	88	1.9	210	8
08/06/24 12:25	2	7	9	2	13.4	88	2.1	210	9
08/06/24 12:30	2	7	9	2	13.3	88	2.4	211	4
08/06/24 12:35	2	3	5	2	13.3	88	2.1	211	6
08/06/24 12:40	1	3	4	1	13.4	87	1.6	200	15
08/06/24 12:45	1	3	4	1	13.7	87	1.5	203	12
08/06/24 12:50	1	3	4	1	13.7	86	1.3	197	22
08/06/24 12:55	1	3	4	1	13.7	86	1.9	210	8
08/06/24 13:00	1	3	4	1	13.6	87	2.0	208	8
08/06/24 13:05	1	4	5	1	13.5	88	2.0	213	7
08/06/24 13:10	1	4	5	1	13.5	89	2.0	213	7
08/06/24 13:15	1	4	5	1	13.5	89	1.7	211	9
08/06/24 13:20	1	5	6	1	13.6	89	1.3	198	22
08/06/24 13:25	2	5	7	1	13.7	88	1.2	149	25
08/06/24 13:30	3	5	8	1	13.9	87	1.8	171	29
08/06/24 13:35	5	12	17	1	13.9	86	2.8	206	10
08/06/24 13:40	4	9	13	1	13.8	85	2.3	200	12
08/06/24 13:45	3	8	11	1	13.9	85	2.5	199	13
08/06/24 13:50	3	7	10	1	13.9	86	3.1	209	10
08/06/24 13:55	3	5	8	1	13.7	88	3.6	210	8
08/06/24 14:00	2	3	6	1	13.6	89	4.0	212	6
08/06/24 14:05	2	3	5	1	13.6	90	4.3	214	6
08/06/24 14:10	1	3	4	1	13.4	89	4.2	216	5
08/06/24 14:15	1	3	4	1	13.6	89	4.1	213	5
08/06/24 14:20	1	4	5	1	13.5	89	4.4	210	7
08/06/24 14:25	1	5	6	1	13.5	90	4.5	215	4
08/06/24 14:30	1	4	5	1	13.4	91	4.4	217	5
08/06/24 14:35	1	2	3	1	13.4	90	4.7	217	4
08/06/24 14:40	1	2	3	1	13.4	91	4.9	219	4
08/06/24 14:45	1	2	3	1	13.5	91	4.7	221	3
08/06/24 14:50	0	2	2	1	13.4	91	5.1	220	3
08/06/24 14:55	0	2	2	1	13.3	91	5.1	223	5
08/06/24 15:00	0	2	2	1	13.3	91	4.9	225	4
08/06/24 15:05	0	2	2	1	13.3	90	4.3	222	3
08/06/24 15:10	0	2	2	1	13.4	90	3.7	225	4
08/06/24 15:15	0	2	2	1	13.4	90	3.7	224	4
08/06/24 15:20	0	2	2	1	13.5	90	3.7	223	3
08/06/24 15:25	0	2	3	1	13.5	90	3.9	221	4
08/06/24 15:30	0	2	3	1	13.4	91	4.5	223	3
08/06/24 15:35	0	2	3	1	13.4	92	4.5	228	3
08/06/24 15:40	0	2	3	1	13.4	92	3.4	223	4
08/06/24 15:45	0	2	2	1	13.4	91	2.9	225	4
08/06/24 15:50	0	2	2	1	13.5	91	2.4	227	5
08/06/24 15:55	0	2	2	1	13.5	90	1.8	227	5
08/06/24 16:00	0	2	2	1	13.5	89	1.9	225	6
08/06/24 16:05	0	2	2	1	13.6	89	2.6	225	3
08/06/24 16:10	0	4	4	1	13.6	88	2.6	220	3
08/06/24 16:15	1	5	6	1	13.6	88	2.4	227	3
08/06/24 16:20	0	1	2	1	13.6	87	1.8	225	5
08/06/24 16:25	0	1	1	1	13.7	87	1.5	230	6
08/06/24 16:30	0	1	2	1	13.6	86	1.5	237	5
08/06/24 16:35	0	2	2	1	13.7	87	1.7	231	3
08/06/24 16:40	0	2	2	1	13.7	86	1.8	234	3
08/06/24 16:45	0	2	2	1	13.7	85	2.1	236	6
08/06/24 16:50	0	2	2	1	13.7	85	1.5	233	6
08/06/24 16:55	0	2	2	1	13.8	84	1.7	246	5
08/06/24 17:00	0	2	2	1	13.8	84	1.5	228	7
08/06/24 17:05	0	2	2	1	13.8	84	1.6	231	5
08/06/24 17:10	0	3	3	1	13.9	84	2.2	220	4
08/06/24 17:15	0	3	3	1	13.9	84	2.1	221	3
08/06/24 17:20	0	3	3	1	13.9	84	1.5	220	6
08/06/24 17:25	0	3	3	1	13.9	82	1.1	201	14
08/06/24 17:30	0	4	4	1	13.9	81	0.9	189	13
08/06/24 17:35	0	5	6	1	13.8	81	0.8	123	19
08/06/24 17:40	0	6	7	1	13.8	82	0.5	148	40
08/06/24 17:45	0	6	6	1	13.7	82	0.4	190	41
08/06/24 17:50	0	5	5	1	13.6	82	0.3	144	45
08/06/24 17:55	0	4	4	1	13.6	83	0.8	212	14
08/06/24 18:00	0	6	6	1	13.7	84	1.0	210	11
08/06/24 18:05	0	7	8	1	13.7	83	0.8	201	17
08/06/24 18:10	1	11	12	1	13.6	83	0.8	205	10
08/06/24 18:15	1	8	9	1	13.7	84	0.8	199	14
08/06/24 18:20	1	12	12	1	13.7	84	0.1	177	79

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/06/24 18:25	1	19	20	1	13.8	84	0.3	227	25
08/06/24 18:30	2	27	28	1	13.7	84	0.3	188	22
08/06/24 18:35	3	30	33	1	13.6	85	0.2	121	60
08/06/24 18:40	3	21	24	1	13.6	86	0.6	91	6
08/06/24 18:45	1	4	5	1	13.6	86	0.6	90	11
08/06/24 18:50	1	5	6	1	13.6	86	0.4	34	21
08/06/24 18:55	1	9	9	1	13.6	86	1.0	256	9
08/06/24 19:00	1	14	14	1	13.7	87	1.3	254	3
08/06/24 19:05	0	14	14	1	13.7	86	0.2	345	50
08/06/24 19:10	0	15	15	1	13.6	85	0.2	234	38
08/06/24 19:15	0	14	14	1	13.6	85	0.1	65	68
08/06/24 19:20	0	13	13	1	13.5	86	0.4	226	22
08/06/24 19:25	0	10	10	1	13.7	86	0.4	210	17
08/06/24 19:30	0	5	5	1	13.6	86	0.8	234	3
08/06/24 19:35	0	3	3	1	13.6	88	1.0	231	1
08/06/24 19:40	0	3	3	1	13.6	88	1.2	238	6
08/06/24 19:45	0	6	6	1	13.7	86	1.9	243	8
08/06/24 19:50	0	14	14	1	13.8	84	1.9	254	5
08/06/24 19:55	0	18	18	1	13.8	82	2.0	258	8
08/06/24 20:00	0	16	16	1	13.9	81	1.8	259	10
08/06/24 20:05	0	14	15	1	13.9	83	1.2	275	10
08/06/24 20:10	0	13	13	1	13.9	84	1.1	273	11
08/06/24 20:15	0	12	12	1	13.9	83	1.1	278	11
08/06/24 20:20	0	11	11	1	13.8	83	1.0	276	10
08/06/24 20:25	0	11	11	1	13.8	84	1.0	278	13
08/06/24 20:30	0	11	11	1	13.8	83	1.1	281	10
08/06/24 20:35	0	11	12	1	13.8	83	1.0	276	9
08/06/24 20:40	0	12	13	1	13.7	83	1.1	265	9
08/06/24 20:45	0	13	13	1	13.8	83	1.1	265	9
08/06/24 20:50	0	13	13	1	13.8	83	1.2	275	9
08/06/24 20:55	0	14	14	1	13.8	83	0.7	294	17
08/06/24 21:00	0	14	14	1	13.7	81	0.6	332	22
08/06/24 21:05	0	15	16	1	13.7	81	0.2	332	56
08/06/24 21:10	0	16	16	1	13.7	82	0.7	287	13
08/06/24 21:15	0	16	16	1	13.7	82	0.4	289	16
08/06/24 21:20	0	16	16	1	13.6	82	0.7	282	9
08/06/24 21:25	0	15	15	1	13.6	83	0.7	285	10
08/06/24 21:30	0	13	14	1	13.6	83	0.8	287	9
08/06/24 21:35	0	13	13	1	13.7	83	1.0	283	10
08/06/24 21:40	0	13	13	1	13.6	83	0.9	287	12
08/06/24 21:45	0	13	14	2	13.6	83	0.9	289	10
08/06/24 21:50	0	14	14	1	13.6	82	1.2	296	11
08/06/24 21:55	0	15	15	1	13.8	79	1.8	305	7
08/06/24 22:00	0	17	17	1	13.9	79	1.7	307	9
08/06/24 22:05	1	19	20	1	13.9	79	1.5	307	9
08/06/24 22:10	2	29	31	1	13.8	80	1.6	312	10
08/06/24 22:15	3	30	34	1	13.7	80	1.8	305	9
08/06/24 22:20	6	29	35	2	13.8	81	1.8	297	15
08/06/24 22:25	8	27	35	2	13.8	82	2.0	295	11
08/06/24 22:30	8	26	35	2	13.8	82	2.2	301	7
08/06/24 22:35	8	26	34	2	13.6	83	1.7	299	10
08/06/24 22:40	7	26	33	1	13.5	83	1.7	301	11
08/06/24 22:45	7	25	32	1	13.6	83	1.8	299	12
08/06/24 22:50	5	24	30	2	13.6	83	1.4	289	14
08/06/24 22:55	4	24	28	1	13.6	83	1.4	290	14
08/06/24 23:00	3	20	23	1	13.5	83	1.3	284	13
08/06/24 23:05	2	18	20	1	13.5	83	1.4	281	10
08/06/24 23:10	1	17	19	1	13.6	83	1.4	277	8
08/06/24 23:15	1	17	18	1	13.5	84	1.5	276	9
08/06/24 23:20	1	17	18	2	13.4	84	1.9	276	10
08/06/24 23:25	1	16	17	2	13.5	83	2.3	269	7
08/06/24 23:30	1	13	14	2	13.5	82	2.7	268	5
08/06/24 23:35	1	9	10	2	13.5	81	2.5	270	8
08/06/24 23:40	0	8	9	2	13.5	81	2.7	266	7
08/06/24 23:45	0	8	9	2	13.5	80	3.0	263	7
08/06/24 23:50	0	9	9		13.5	80	3.0	265	6
08/06/24 23:55	0	9	9		13.5	81	2.6	269	9
09/06/24 00:00	0	8	8	2	13.6	80	3.0	269	7
09/06/24 00:05	0	8	8	2	13.6	79	3.7	267	6
09/06/24 00:10	0	8	8	2	13.6	79	2.1	291	14
09/06/24 00:15	0	8	8	2	13.5	78	1.8	291	11
09/06/24 00:20	0	7	7	2	13.4	77	2.1	294	9
09/06/24 00:25	0	7	7	2	13.5	77	1.9	293	14
09/06/24 00:30	0	7	7	2	13.5	76	1.8	292	12
09/06/24 00:35	0	8	8	2	13.5	76	1.2	292	19
09/06/24 00:40	0	8	8	2	13.4	77	1.3	286	16
09/06/24 00:45	0	9	9	2	13.4	78	2.3	271	7
09/06/24 00:50	0	10	10	2	13.5	79	2.1	278	12
09/06/24 00:55	0	11	11	2	13.4	78	2.0	287	15
09/06/24 01:00	0	12	12	1	13.4	78	2.8	275	9
09/06/24 01:05					13.4	79	1.5	279	16
09/06/24 01:10					13.4	78	1.7	276	12
09/06/24 01:15					13.3	76	1.5	304	9
09/06/24 01:20					13.3	74	1.4	310	10
09/06/24 01:25					13.3	74	1.0	295	15
09/06/24 01:30					13.3	74	0.8	316	23

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/06/24 01:35					13.3	74	0.8	335	26
09/06/24 01:40					13.2	75	1.5	324	15
09/06/24 01:45					13.2	74	2.3	322	11
09/06/24 01:50					13.3	74	1.5	314	20
09/06/24 01:55					13.2	73	0.5	309	41
09/06/24 02:00					13.1	73	0.9	355	26
09/06/24 02:05	1	14	14	1	13.1	74	1.0	319	17
09/06/24 02:10	2	17	18	1	13.1	74	1.0	327	14
09/06/24 02:15	2	18	20	1	13.1	73	1.0	328	16
09/06/24 02:20	1	17	18	1	13.2	73	1.1	320	11
09/06/24 02:25	1	15	16	1	13.1	72	1.2	321	17
09/06/24 02:30	1	15	16	1	13.2	72	1.8	311	9
09/06/24 02:35	1	15	16	1	13.3	71	1.5	315	11
09/06/24 02:40	1	15	16	1	13.3	71	0.7	327	26
09/06/24 02:45	1	15	16	1	13.2	72	0.8	346	31
09/06/24 02:50	1	16	17	1	13.1	72	1.0	328	22
09/06/24 02:55	1	16	17	1	13.1	71	1.4	299	14
09/06/24 03:00	1	16	16	1	13.3	70	1.7	309	10
09/06/24 03:05	1	15	16	1	13.4	69	2.1	311	10
09/06/24 03:10	1	15	16	2	13.4	70	2.1	314	10
09/06/24 03:15	0	15	15	1	13.3	70	1.8	318	14
09/06/24 03:20	0	15	15	2	13.2	70	1.4	326	14
09/06/24 03:25	0	15	15	1	13.2	71	1.3	334	24
09/06/24 03:30	0	14	14	1	13.2	71	1.4	333	19
09/06/24 03:35	0	13	14	1	13.1	71	1.5	324	14
09/06/24 03:40	0	13	14	1	13.2	71	1.3	326	19
09/06/24 03:45	0	13	14	1	13.1	71	1.3	339	27
09/06/24 03:50	0	14	14	1	13.1	71	1.2	339	20
09/06/24 03:55	0	14	15	1	13.1	71	1.1	339	26
09/06/24 04:00	0	15	15	1	13.0	72	1.5	1	21
09/06/24 04:05	0	16	16	1	13.0	72	1.4	346	27
09/06/24 04:10	1	16	17	1	12.9	72	1.3	334	29
09/06/24 04:15	1	16	17	1	12.9	72	1.5	316	20
09/06/24 04:20	1	16	17	1	12.9	72	1.8	314	15
09/06/24 04:25	1	16	16	1	12.9	72	1.3	323	23
09/06/24 04:30	1	15	16	1	12.9	72	1.3	318	20
09/06/24 04:35	1	15	15	1	12.9	72	1.6	321	20
09/06/24 04:40	0	14	15	1	12.9	72	1.7	314	18
09/06/24 04:45	0	13	14	1	12.9	72	1.3	325	21
09/06/24 04:50	0	13	13	1	13.0	72	1.5	325	17
09/06/24 04:55	0	12	13	1	13.0	72	1.3	327	23
09/06/24 05:00	0	12	12	1	13.0	72	0.9	342	26
09/06/24 05:05	0	12	13	1	12.9	72	1.2	348	30
09/06/24 05:10	1	13	14	1	12.9	72	1.5	359	25
09/06/24 05:15	1	14	14	1	12.8	72	1.4	337	25
09/06/24 05:20	1	14	15	1	12.9	72	1.4	338	30
09/06/24 05:25	1	14	15	1	12.9	72	1.6	342	22
09/06/24 05:30	1	14	14	1	12.9	72	1.2	346	30
09/06/24 05:35	1	13	13	1	12.8	72	1.5	356	28
09/06/24 05:40	0	12	12	1	12.8	71	1.8	342	22
09/06/24 05:45	0	11	11	1	12.9	71	1.4	336	33
09/06/24 05:50	0	10	10	1	13.0	71	1.6	334	19
09/06/24 05:55	0	10	10	1	13.0	71	1.8	334	21
09/06/24 06:00	0	10	10	1	13.0	71	1.6	359	23
09/06/24 06:05	0	11	11	1	13.1	71	1.7	2	19
09/06/24 06:10	0	11	12	1	13.0	71	1.7	360	17
09/06/24 06:15	0	13	13	1	13.0	71	1.1	3	31
09/06/24 06:20	1	16	16	1	13.1	71	1.3	316	28
09/06/24 06:25	1	18	19	1	12.9	74	2.0	314	14
09/06/24 06:30	1	17	18	1	12.7	77	2.2	319	13
09/06/24 06:35	1	16	16	1	12.6	79	1.7	322	17
09/06/24 06:40	0	15	15	1	12.5	80	1.4	335	21
09/06/24 06:45	1	14	15	1	12.4	81	1.5	350	22
09/06/24 06:50	1	15	15	1	12.4	82	1.6	343	23
09/06/24 06:55	1	15	16	1	12.4	82	1.0	343	24
09/06/24 07:00	1	16	17	1	12.4	82	1.1	350	31
09/06/24 07:05	1	18	18	1	12.5	82	0.9	339	31
09/06/24 07:10	1	19	20	1	12.5	80	1.3	344	26
09/06/24 07:15	1	18	19	1	12.6	78	1.4	323	24
09/06/24 07:20	1	18	19	1	12.7	77	1.6	347	25
09/06/24 07:25	1	18	20	1	12.7	77	1.6	338	22
09/06/24 07:30	2	20	22	1	12.8	77	1.6	322	17
09/06/24 07:35	3	22	25	1	12.8	77	1.7	326	24
09/06/24 07:40	4	23	27	1	12.9	77	1.4	334	21
09/06/24 07:45	5	23	28	1	12.9	78	1.2	337	23
09/06/24 07:50	6	23	29	1	12.9	78	1.2	340	27
09/06/24 07:55	7	23	30	1	12.9	78	1.2	323	17
09/06/24 08:00	8	22	30	1	12.8	78	1.6	308	12
09/06/24 08:05	8	22	30	1	12.9	79	1.3	298	15
09/06/24 08:10	8	22	30	1	12.9	80	1.5	295	15
09/06/24 08:15	7	21	28	1	13.1	80	1.6	294	17
09/06/24 08:20	5	17	21	1	13.1	81	2.2	275	17
09/06/24 08:25	4	15	19	1	13.2	82	3.0	265	8
09/06/24 08:30	4	15	19	1	13.2	85	5.0	256	8
09/06/24 08:35	3	10	13	1	12.9	89	4.4	247	8
09/06/24 08:40	2	10	12	1	12.6	92	3.6	246	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/06/24 08:45	3	13	15	1	12.5	94	3.1	254	9
09/06/24 08:50	3	10	13	1	12.5	95	3.5	261	5
09/06/24 08:55	4	13	17	1	12.5	95	3.5	261	6
09/06/24 09:00	5	15	20	1	12.5	96	3.8	250	10
09/06/24 09:05	4	11	16	1	12.5	96	3.7	247	8
09/06/24 09:10	4	9	13	1	12.5	95	4.2	246	7
09/06/24 09:15	3	10	14	1	12.5	95	4.2	250	7
09/06/24 09:20	3	9	11	1	12.5	95	4.1	261	8
09/06/24 09:25	2	7	9	1	12.6	95	4.1	254	8
09/06/24 09:30	2	7	9	1	12.6	95	3.4	251	10
09/06/24 09:35	2	8	9	1	12.5	95	2.9	249	10
09/06/24 09:40	2	8	10	1	12.5	96	2.7	253	12
09/06/24 09:45	2	9	10	1	12.5	96	2.8	236	6
09/06/24 09:50	2	10	12	1	12.5	96	2.5	241	8
09/06/24 09:55	3	16	19	1	12.4	95	3.0	240	9
09/06/24 10:00	3	6	9	1	12.4	96	2.6	241	12
09/06/24 10:05	3	11	14	1	12.6	96	3.5	244	10
09/06/24 10:10	2	5	8	1	12.5	96	3.4	237	8
09/06/24 10:15	2	4	6	1	12.6	96	3.7	250	6
09/06/24 10:20	2	8	10	1	12.5	95	2.6	256	7
09/06/24 10:25	2	7	9	1	12.6	95	2.3	261	6
09/06/24 10:30	2	7	9	1	12.6	95	2.4	266	9
09/06/24 10:35	2	6	9	1	12.6	95	2.5	264	7
09/06/24 10:40	2	7	9	1	12.7	95	2.6	261	5
09/06/24 10:45	2	7	9	1	12.7	94	2.4	266	9
09/06/24 10:50	2	7	9	1	12.9	94	2.2	248	13
09/06/24 10:55	2	6	8	1	12.9	92	2.6	238	10
09/06/24 11:00	2	5	6	1	13.0	89	3.0	232	8
09/06/24 11:05	1	3	4	1	13.0	88	3.0	230	11
09/06/24 11:10	1	2	3	1	13.0	86	2.6	219	12
09/06/24 11:15	1	2	3	1	13.1	86	2.8	225	7
09/06/24 11:20	1	2	2	1	13.2	86	3.3	222	7
09/06/24 11:25	0	2	2	1	13.2	84	2.5	211	5
09/06/24 11:30	0	2	2	1	13.2	83	2.2	224	8
09/06/24 11:35	0	2	2	1	13.3	82	1.7	234	8
09/06/24 11:40	0	2	2	1	13.3	81	1.5	209	11
09/06/24 11:45	1	6	7	1	13.5	81	1.3	215	9
09/06/24 11:50	2	12	14	1	13.5	80	0.9	233	9
09/06/24 11:55	2	8	10	1	13.6	81	0.9	215	10
09/06/24 12:00	2	5	6	1	13.9	81	0.8	203	14
09/06/24 12:05	2	4	6	1	13.9	80	1.4	218	4
09/06/24 12:10	1	3	4	1	13.8	80	1.8	218	4
09/06/24 12:15	1	1	3	1	13.7	78	1.5	220	6
09/06/24 12:20	1	1	2	1	13.9	78	1.1	205	9
09/06/24 12:25	1	1	2	1	13.9	77	1.3	208	10
09/06/24 12:30	1	1	1	1	14.1	76	1.6	211	10
09/06/24 12:35	1	1	1	2	14.2	75	1.5	205	10
09/06/24 12:40	0	1	1	2	14.3	73	1.1	208	10
09/06/24 12:45	0	1	1	1	14.4	73	0.7	199	18
09/06/24 12:50	0	1	1	1	14.6	72	0.8	198	17
09/06/24 12:55	0	1	1	1	14.9	72	0.8	127	19
09/06/24 13:00	0	1	2	1	14.8	72	0.7	115	17
09/06/24 13:05	0	1	2	1	15.0	72	0.9	226	24
09/06/24 13:10	0	1	2	2	14.8	71	2.1	225	6
09/06/24 13:15	0	1	2	2	14.5	72	2.4	216	4
09/06/24 13:20	0	1	2	1	14.4	73	2.2	222	9
09/06/24 13:25	0	1	2	1	14.4	71	2.5	226	7
09/06/24 13:30	0	1	2	1	14.3	71	2.3	228	5
09/06/24 13:35	0	1	1	1	14.3	70	2.3	226	4
09/06/24 13:40	0	1	1	1	14.3	69	2.3	226	3
09/06/24 13:45	0	1	1	1	14.3	69	2.4	229	3
09/06/24 13:50	0	1	1	1	14.4	68	2.0	231	5
09/06/24 13:55	0	1	1	1	14.4	68	1.8	233	7
09/06/24 14:00	0	1	1	1	14.4	67	1.3	236	4
09/06/24 14:05	0	0	1	1	14.5	68	1.8	228	7
09/06/24 14:10	0	1	1	1	14.4	69	2.1	219	4
09/06/24 14:15	0	1	1	1	14.5	70	2.2	212	6
09/06/24 14:20	0	1	1	1	14.4	70	2.0	209	6
09/06/24 14:25	0	2	2	1	14.3	68	1.8	223	5
09/06/24 14:30	0	2	2	1	14.3	68	1.2	226	7
09/06/24 14:35	0	2	2	1	14.4	69	0.9	185	31
09/06/24 14:40	0	3	4	1	14.6	68	0.7	163	34
09/06/24 14:45	1	10	11	1	14.7	70	0.7	182	23
09/06/24 14:50	1	3	4	1	14.8	69	0.7	164	24
09/06/24 14:55	1	2	2	1	14.8	68	0.8	184	28
09/06/24 15:00	0	1	2	1	14.6	71	0.9	182	20
09/06/24 15:05	0	1	1	1	14.7	70	0.9	198	19
09/06/24 15:10	1	4	4	1	14.5	71	1.0	198	8
09/06/24 15:15	1	6	7	1	14.4	72	1.4	201	9
09/06/24 15:20	1	5	6	1	14.3	72	2.2	199	7
09/06/24 15:25	1	4	4	1	14.1	78	3.3	190	9
09/06/24 15:30	1	1	2	1	13.9	79	2.4	192	11
09/06/24 15:35	0	1	1	1	13.8	79	2.4	190	11
09/06/24 15:40	0	1	1	1	13.8	78	2.5	189	10
09/06/24 15:45	0	0	1	1	13.7	77	2.5	190	13
09/06/24 15:50	0	0	1	1	13.7	77	2.4	191	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/06/24 15:55	0	0	1	1	13.7	77	3.0	197	5
09/06/24 16:00	0	0	1	1	13.6	79	3.6	206	4
09/06/24 16:05	0	1	1	1	13.5	81	3.4	206	4
09/06/24 16:10	0	1	2	1	13.5	82	3.4	211	5
09/06/24 16:15	0	2	2	1	13.4	82	3.3	212	5
09/06/24 16:20	0	3	3	1	13.2	84	1.0	200	22
09/06/24 16:25	0	3	3	1	13.2	84	0.6	172	32
09/06/24 16:30	0	3	3	1	13.0	83	0.6	163	27
09/06/24 16:35	0	3	3	1	13.1	83	0.4	136	35
09/06/24 16:40	0	2	3	1	13.1	83	0.5	131	31
09/06/24 16:45	0	2	2	1	13.1	82	0.9	135	12
09/06/24 16:50	0	2	2	1	13.3	83	0.6	171	24
09/06/24 16:55	0	2	2	1	13.2	84	0.7	176	23
09/06/24 17:00	0	2	2	1	13.2	83	0.7	193	19
09/06/24 17:05	0	2	2	1	13.2	83	0.5	209	13
09/06/24 17:10	0	1	2	1	13.2	83	0.4	177	27
09/06/24 17:15	0	1	2	1	13.3	83	0.6	181	23
09/06/24 17:20	0	1	2	1	13.2	82	1.3	201	9
09/06/24 17:25	0	2	1	1	13.3	81	1.3	205	5
09/06/24 17:30	0	2	2	1	13.3	81	1.3	212	7
09/06/24 17:35	0	2	2	1	13.4	81	1.8	209	6
09/06/24 17:40	0	1	1	1	13.4	82	2.4	208	3
09/06/24 17:45	0	1	1	1	13.4	84	3.6	204	7
09/06/24 17:50	0	2	1	1	13.2	85	4.0	191	9
09/06/24 17:55	0	1	1	1	13.1	84	3.6	194	10
09/06/24 18:00	0	2	2	1	13.1	85	4.4	194	7
09/06/24 18:05	0	2	2	1	13.1	83	4.1	195	7
09/06/24 18:10	0	2	2	1	13.1	81	4.4	198	7
09/06/24 18:15	0	1	2	1	13.2	84	5.1	206	6
09/06/24 18:20	0	2	2	1	13.2	84	4.9	211	3
09/06/24 18:25	0	2	2	1	13.1	84	4.1	206	5
09/06/24 18:30	0	2	2	1	13.0	84	2.8	198	10
09/06/24 18:35	0	2	2	1	13.0	83	3.3	201	6
09/06/24 18:40	0	2	2	1	13.0	81	2.8	195	7
09/06/24 18:45	0	1	1	1	13.0	80	2.1	196	9
09/06/24 18:50	0	1	1	1	13.1	80	3.1	198	6
09/06/24 18:55	0	1	1	1	13.3	79	3.8	204	3
09/06/24 19:00	0	1	1	1	13.4	79	4.5	212	6
09/06/24 19:05	0	1	1	1	13.4	80	3.8	209	6
09/06/24 19:10	0	2	2	1	13.4	78	2.9	198	5
09/06/24 19:15	0	2	2	1	13.4	79	3.8	208	6
09/06/24 19:20	0	1	1	1	13.4	79	3.7	207	3
09/06/24 19:25	0	1	1	1	13.5	79	3.4	206	6
09/06/24 19:30	0	1	1	1	13.4	79	3.0	201	5
09/06/24 19:35	0	1	1	1	13.4	80	3.2	207	5
09/06/24 19:40	0	2	2	1	13.4	80	3.6	214	6
09/06/24 19:45	0	2	2	1	13.4	79	3.9	222	5
09/06/24 19:50	0	2	2	1	13.4	80	4.2	225	6
09/06/24 19:55	0	2	2	1	13.3	81	3.9	220	6
09/06/24 20:00	0	2	2	1	13.3	82	3.8	225	6
09/06/24 20:05	0	1	1	1	13.3	82	4.9	221	5
09/06/24 20:10	0	3	3	1	13.2	81	4.4	224	4
09/06/24 20:15	0	2	2	1	13.3	82	4.0	222	5
09/06/24 20:20	0	1	1	1	13.2	82	3.5	230	5
09/06/24 20:25	0	1	1	1	13.2	81	3.1	236	9
09/06/24 20:30	1	18	18	1	13.1	83	2.5	243	14
09/06/24 20:35	1	14	16	1	13.1	82	3.4	230	10
09/06/24 20:40	1	17	19	1	13.1	84	3.4	233	7
09/06/24 20:45	1	2	4	1	13.2	84	3.8	235	11
09/06/24 20:50	1	2	3	1	13.0	84	4.4	236	4
09/06/24 20:55	1	2	2	1	12.9	85	4.5	236	6
09/06/24 21:00	0	2	2	1	13.0	83	4.2	228	6
09/06/24 21:05	0	1	2	1	12.9	81	4.3	224	5
09/06/24 21:10	0	2	2	1	13.0	82	4.0	232	6
09/06/24 21:15	1	5	6	1	13.0	83	4.4	229	6
09/06/24 21:20	1	3	3	1	13.0	82	4.5	215	5
09/06/24 21:25	0	3	3	1	12.9	81	5.3	215	4
09/06/24 21:30	0	6	6	1	12.8	83	5.1	211	5
09/06/24 21:35	0	1	2	1	12.6	83	4.4	212	4
09/06/24 21:40	0	1	1	1	12.6	83	3.9	213	4
09/06/24 21:45	0	1	1	1	12.6	84	3.6	214	5
09/06/24 21:50	0	1	1	1	12.5	84	2.9	219	5
09/06/24 21:55	0	1	1	1	12.4	84	2.3	225	7
09/06/24 22:00	0	1	1	1	12.5	84	2.0	242	10
09/06/24 22:05	0	2	2	1	12.5	84	1.9	262	13
09/06/24 22:10	0	8	9	1	12.4	85	1.1	289	14
09/06/24 22:15	0	15	15	1	12.2	86	1.2	290	12
09/06/24 22:20	0	16	16	1	12.1	85	1.5	302	9
09/06/24 22:25	0	15	16	1	11.8	85	1.6	314	7
09/06/24 22:30	0	12	12	1	11.8	86	1.5	304	7
09/06/24 22:35	0	13	13	1	11.6	87	1.2	293	11
09/06/24 22:40	0	19	19	1	11.7	87	1.5	298	12
09/06/24 22:45	0	18	18	1	11.6	86	1.7	306	11
09/06/24 22:50	1	17	18	1	11.5	86	1.9	311	10
09/06/24 22:55	1	17	18	1	11.4	87	1.7	315	9
09/06/24 23:00	1	18	18	1	11.4	88	1.7	323	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/06/24 23:05	1	18	19	1	11.2	88	2.0	312	9
09/06/24 23:10	1	19	19	1	11.2	89	1.7	313	11
09/06/24 23:15	1	20	22	1	11.2	89	1.1	321	13
09/06/24 23:20	3	27	30	1	11.1	89	1.1	327	16
09/06/24 23:25	6	29	35	1	10.9	89	1.0	332	19
09/06/24 23:30	12	25	37	1	10.8	89	1.1	332	14
09/06/24 23:35	14	24	38	1	10.7	89	1.2	318	15
09/06/24 23:40	12	26	38	1	10.8	89	1.8	309	10
09/06/24 23:45	13	25	38	1	10.8	88	1.5	316	17
09/06/24 23:50	12	25	37		10.9	88	1.6	312	14
09/06/24 23:55	11	25	36		10.9	87	1.6	313	10
10/06/24 00:00	11	25	36	1	10.9	87	1.4	321	16
10/06/24 00:05	11	25	36	1	10.9	88	1.1	318	15
10/06/24 00:10	11	25	36	1	10.8	88	1.3	315	13
10/06/24 00:15	11	25	36	1	10.7	88	1.3	317	11
10/06/24 00:20	10	24	34	1	10.8	87	1.9	310	9
10/06/24 00:25	9	24	33	1	10.9	87	1.8	311	8
10/06/24 00:30	7	24	31	1	10.7	87	1.5	305	8
10/06/24 00:35	6	23	29	1	10.8	87	1.6	303	10
10/06/24 00:40	3	19	23	1	10.8	87	2.2	301	11
10/06/24 00:45	2	17	18	2	10.8	86	2.1	308	9
10/06/24 00:50	1	17	18	2	10.7	87	2.1	310	10
10/06/24 00:55	1	18	19	2	10.6	87	2.3	309	10
10/06/24 01:00	1	18	19	2	10.7	86	1.9	313	14
10/06/24 01:05					10.7	87	1.6	322	18
10/06/24 01:10					10.6	87	1.7	318	14
10/06/24 01:15					10.5	87	2.1	318	11
10/06/24 01:20					10.5	87	1.5	332	17
10/06/24 01:25					10.4	88	1.7	336	15
10/06/24 01:30					10.3	89	1.6	335	14
10/06/24 01:35					10.4	89	1.7	336	14
10/06/24 01:40					10.3	89	1.6	336	16
10/06/24 01:45					10.3	89	1.7	342	16
10/06/24 01:50					10.3	89	1.8	337	12
10/06/24 01:55					10.2	89	1.9	336	16
10/06/24 02:00					10.3	89	1.9	335	13
10/06/24 02:05	16	24	40	2	10.2	90	2.0	331	15
10/06/24 02:10	18	23	41	2	9.9	90	1.7	335	13
10/06/24 02:15	18	23	41	2	10.0	90	1.9	336	13
10/06/24 02:20	18	23	42	2	9.9	91	1.9	340	14
10/06/24 02:25	18	23	41	2	9.8	91	1.7	346	14
10/06/24 02:30	17	23	40	2	9.7	91	1.7	339	15
10/06/24 02:35	17	23	40	2	9.7	91	1.6	334	16
10/06/24 02:40	17	23	40	2	9.7	91	1.8	342	15
10/06/24 02:45	17	23	40	2	9.8	91	2.1	336	12
10/06/24 02:50	16	22	38	2	9.7	90	1.8	350	12
10/06/24 02:55	16	22	38	2	9.5	91	2.6	356	10
10/06/24 03:00	17	22	39	2	9.5	91	2.0	355	12
10/06/24 03:05	17	22	39	2	9.5	91	2.2	357	12
10/06/24 03:10	18	22	40	2	9.5	91	2.5	348	10
10/06/24 03:15	19	22	41	2	9.5	91	2.3	348	15
10/06/24 03:20	19	22	41	2	9.5	91	1.9	345	15
10/06/24 03:25	19	22	41	2	9.4	91	2.1	349	15
10/06/24 03:30	18	22	40	2	9.3	91	2.1	348	17
10/06/24 03:35	18	22	39	2	9.3	91	1.9	349	16
10/06/24 03:40	17	22	39	2	9.3	91	2.0	357	16
10/06/24 03:45	17	22	39	2	9.3	91	2.3	357	19
10/06/24 03:50	17	22	38	2	9.2	91	2.5	1	7
10/06/24 03:55	16	21	38	2	9.0	91	2.6	3	4
10/06/24 04:00	16	21	37	2	8.9	92	2.5	3	6
10/06/24 04:05	15	21	36	2	8.8	92	2.2	357	9
10/06/24 04:10	14	21	35	2	9.1	92	2.3	357	11
10/06/24 04:15	14	20	34	2	9.1	91	2.3	359	13
10/06/24 04:20	13	20	34	2	9.1	91	2.5	357	9
10/06/24 04:25	12	20	32	2	9.0	91	2.3	357	9
10/06/24 04:30	11	20	31	2	9.0	91	1.8	353	14
10/06/24 04:35	11	20	31	2	9.0	91	2.3	351	19
10/06/24 04:40	10	20	30	1	9.0	91	2.6	356	11
10/06/24 04:45	10	19	29	1	9.0	90	2.5	359	7
10/06/24 04:50	9	19	29	1	8.8	91	2.7	2	4
10/06/24 04:55	9	19	28	1	8.8	91	2.5	5	5
10/06/24 05:00	9	19	28	1	8.6	91	2.2	9	5
10/06/24 05:05	8	19	27	1	8.4	92	1.4	18	12
10/06/24 05:10	8	19	27	2	8.2	92	1.1	19	8
10/06/24 05:15	7	18	25	1	8.2	93	1.4	18	9
10/06/24 05:20	6	17	22	1	8.4	93	2.0	11	4
10/06/24 05:25	4	13	17	1	8.6	92	1.8	2	7
10/06/24 05:30	2	12	14	1	8.8	91	1.8	356	11
10/06/24 05:35	1	11	13	1	8.9	89	2.1	356	8
10/06/24 05:40	1	12	13	1	9.0	89	2.1	356	11
10/06/24 05:45	1	12	13	1	9.0	88	1.7	347	15
10/06/24 05:50	1	12	13	2	9.2	88	2.2	345	12
10/06/24 05:55	1	12	13	2	9.3	87	2.0	343	15
10/06/24 06:00	1	13	14	2	9.2	87	2.3	350	17
10/06/24 06:05	1	14	16	2	9.2	87	2.3	2	10
10/06/24 06:10	2	15	17	2	9.0	87	2.0	1	8

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/06/24 06:15	3	17	19	2	8.6	88	1.0	33	18
10/06/24 06:20	4	23	27	2	8.2	91	1.0	63	9
10/06/24 06:25	6	24	30	2	8.2	91	0.6	109	13
10/06/24 06:30	5	22	28	2	8.2	92	0.5	5	24
10/06/24 06:35	5	21	27	2	8.4	91	0.8	357	12
10/06/24 06:40	6	21	26	2	8.1	91	0.7	21	25
10/06/24 06:45	10	19	29	2	7.9	91	1.1	54	7
10/06/24 06:50	21	16	37	2	7.8	92	0.6	36	27
10/06/24 06:55	20	20	39	2	7.8	93	0.2	341	37
10/06/24 07:00	20	20	40	2	7.9	93	0.4	297	36
10/06/24 07:05	26	21	48	2	8.1	95	0.9	238	21
10/06/24 07:10	44	23	67	2	8.4	93	0.6	292	31
10/06/24 07:15	38	21	59	2	8.0	92	0.4	355	53
10/06/24 07:20	46	22	68	2	7.8	92	1.0	354	13
10/06/24 07:25	58	20	79	2	7.5	93	1.9	1	6
10/06/24 07:30	62	21	83	2	7.4	94	2.0	18	6
10/06/24 07:35	63	20	83	2	7.2	94	2.0	32	6
10/06/24 07:40	37	18	55	2	7.1	94	2.0	29	7
10/06/24 07:45	31	18	49	2	7.1	94	1.9	35	7
10/06/24 07:50	33	17	51	2	6.9	94	1.9	32	6
10/06/24 07:55	31	18	49	2	7.0	94	2.0	31	7
10/06/24 08:00	33	17	50	2	7.0	93	1.9	31	7
10/06/24 08:05	33	16	49	2	7.2	93	1.9	23	8
10/06/24 08:10	33	16	49	2	7.5	92	1.9	3	12
10/06/24 08:15	45	10	55	2	7.9	91	1.8	349	12
10/06/24 08:20	45	16	61	2	8.0	89	1.8	345	11
10/06/24 08:25	43	17	61	2	8.2	88	1.6	349	17
10/06/24 08:30	42	18	60	2	8.5	86	1.4	338	21
10/06/24 08:35	38	19	58	2	8.7	85	1.7	334	16
10/06/24 08:40	34	19	54	2	8.9	85	1.4	332	26
10/06/24 08:45	32	17	49	2	8.9	84	1.5	329	19
10/06/24 08:50	29	16	45	2	9.1	83	1.3	346	23
10/06/24 08:55	27	16	43	2	9.3	83	1.0	352	31
10/06/24 09:00	25	16	42	2	9.4	81	1.4	353	20
10/06/24 09:05	24	16	40	2	9.6	81	1.2	8	19
10/06/24 09:10	24	15	39	2	9.8	80	1.5	354	20
10/06/24 09:15	23	15	38	2	9.9	80	1.3	336	24
10/06/24 09:20	22	15	37	2	9.8	79	1.4	356	24
10/06/24 09:25	22	15	36	2	9.9	79	1.6	10	22
10/06/24 09:30	22	15	37	2	9.9	79	1.8	350	23
10/06/24 09:35	23	16	38	2	9.8	79	1.9	332	17
10/06/24 09:40	24	16	41	2	9.9	79	1.3	337	26
10/06/24 09:45	26	17	43	2	10.1	79	1.2	341	31
10/06/24 09:50	27	17	44	2	10.3	77	1.6	330	21
10/06/24 09:55	28	18	45	2	10.4	77	1.6	320	22
10/06/24 10:00	28	18	46	2	10.7	76	1.4	353	23
10/06/24 10:05	31	17	48	2	11.0	74	1.6	344	25
10/06/24 10:10	41	22	63	2	11.2	73	1.2	348	28
10/06/24 10:15	34	21	55	2	11.6	71	1.1	2	37
10/06/24 10:20	31	19	50	2	11.9	70	1.1	347	31
10/06/24 10:25	30	18	48	2	12.0	70	1.5	1	21
10/06/24 10:30	28	18	46	2	12.1	70	1.4	6	21
10/06/24 10:35	22	14	37	2	12.4	67	1.1	1	26
10/06/24 10:40	14	14	28	2	12.6	67	0.6	11	42
10/06/24 10:45	12	14	26	2	12.9	65	0.7	311	27
10/06/24 10:50	12	13	25	2	12.9	64	1.0	345	26
10/06/24 10:55	11	13	24	2	13.2	63	1.1	347	28
10/06/24 11:00	11	13	24	3	13.5	62	1.3	5	19
10/06/24 11:05	10	13	23	2	13.7	60	1.8	36	22
10/06/24 11:10	10	13	22	2	13.6	59	1.4	351	21
10/06/24 11:15	9	12	21	2	13.5	59	1.0	336	32
10/06/24 11:20	8	12	20	2	13.7	58	1.9	4	17
10/06/24 11:25	8	11	19	2	14.0	56	1.8	9	20
10/06/24 11:30	7	9	16	2	14.0	56	1.9	355	20
10/06/24 11:35	6	8	14	2	14.1	56	1.8	22	21
10/06/24 11:40	5	7	12	2	14.1	54	1.6	344	31
10/06/24 11:45	4	6	10	2	14.0	56	1.1	358	39
10/06/24 11:50	4	6	10	2	14.4	55	2.3	33	16
10/06/24 11:55	3	6	10	2	14.6	50	2.6	37	20
10/06/24 12:00	2	6	8	2	14.6	50	2.4	19	27
10/06/24 12:05	2	5	7	2	14.7	48	2.2	8	22
10/06/24 12:10	2	5	7	2	15.0	46	2.7	8	25
10/06/24 12:15	2	5	6	2	15.0	46	2.1	1	23
10/06/24 12:20	2	4	6	2	14.9	46	1.1	318	43
10/06/24 12:25	1	4	6	2	14.9	47	1.9	318	22
10/06/24 12:30	1	4	5	2	14.6	46	1.1	339	50
10/06/24 12:35	1	4	5	2	14.9	46	1.9	330	33
10/06/24 12:40	1	4	5	2	15.1	44	3.0	17	18
10/06/24 12:45	1	3	5	2	15.1	43	1.8	343	39
10/06/24 12:50	1	3	5	2	14.9	44	2.3	316	21
10/06/24 12:55	1	3	4	2	14.9	43	2.5	8	25
10/06/24 13:00	1	3	4	2	15.2	42	2.9	16	18
10/06/24 13:05	1	3	4	2	15.2	42	2.3	18	17
10/06/24 13:10	1	3	4	2	15.3	42	2.6	25	21
10/06/24 13:15	1	3	4	2	15.4	42	2.1	6	25
10/06/24 13:20	1	3	4	2	15.5	41	2.3	21	24

Station Pier Ambient Air Quality Monitoring

June 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/06/24 13:25	1	3	4	2	15.5	42	2.0	340	36
10/06/24 13:30	1	3	4	2	15.4	42	1.4	326	33
10/06/24 13:35	1	3	4	2	15.3	42	1.9	343	38
10/06/24 13:40	1	3	4	2	15.5	43	1.9	321	33
10/06/24 13:45	1	3	4	2	15.3	43	1.7	350	36
10/06/24 13:50	1	4	4	2	15.6	43	2.4	356	26
10/06/24 13:55	1	4	4	2	15.6	42	1.8	19	30
10/06/24 14:00	1	3	4	2	15.9	42	2.7	23	23
10/06/24 14:05	1	4	5	2	16.0	41	2.3	359	22
10/06/24 14:10	1	4	6	2	15.9	41	2.5	350	29
10/06/24 14:15	1	4	6	2	15.9	41	2.6	360	20
10/06/24 14:20	1	4	6	2	15.9	42	2.4	311	21
10/06/24 14:25	1	5	6	2	15.8	41	2.2	315	23
10/06/24 14:30	1	4	6	2	15.9	41	1.6	323	32
10/06/24 14:35	1	4	5	2	16.1	40	1.6	341	37
10/06/24 14:40	1	4	5	2	16.2	40	1.9	352	37
10/06/24 14:45	1	5	5	2	16.1	42	2.9	305	18
10/06/24 14:50	1	5	6	2	16.0	43	1.4	335	32
10/06/24 14:55	1	5	6	2	16.1	43	2.4	350	30
10/06/24 15:00	1	5	6	2	16.1	44	1.9	348	29
10/06/24 15:05	1	6	7	2	16.1	46	2.2	334	30
10/06/24 15:10	1	6	7	2	16.0	47	2.1	339	36
10/06/24 15:15	1	6	7	2	16.0	48	1.5	332	36
10/06/24 15:20	1	5	7	2	15.9	48	1.8	344	35
10/06/24 15:25	1	6	7	2	16.0	47	1.8	348	36
10/06/24 15:30	2	7	8	2	16.1	47	2.4	1	20
10/06/24 15:35	2	7	9	2	16.1	47	2.2	348	26
10/06/24 15:40	2	8	10	2	16.0	48	2.0	316	24
10/06/24 15:45	2	10	12	2	16.0	48	1.6	344	32
10/06/24 15:50	2	11	13	2	15.9	49	2.3	328	26
10/06/24 15:55	2	10	11	2	16.0	49	2.5	352	21
10/06/24 16:00	2	10	12	2	16.0	50	1.0	341	38
10/06/24 16:05	2	11	13	2	16.0	50	1.4	323	30
10/06/24 16:10	2	12	14	3	15.9	50	1.5	345	37
10/06/24 16:15	2	12	14	3	15.8	51	2.2	355	27
10/06/24 16:20	2	12	14	2	15.7	51	3.2	6	22
10/06/24 16:25	2	11	13	2	15.6	51	1.7	2	30
10/06/24 16:30	2	11	13	2	15.6	52	3.0	17	24
10/06/24 16:35	1	10	11	2	15.3	52	2.6	12	22
10/06/24 16:40	1	10	11	2	15.2	52	2.6	15	21
10/06/24 16:45	1	9	10	2	15.2	53	2.9	10	20
10/06/24 16:50	1	8	9	2	15.1	54	2.3	4	26
10/06/24 16:55	1	9	10	2	15.1	54	2.0	359	23
10/06/24 17:00	1	10	11	2	14.9	55	1.9	8	23
10/06/24 17:05	1	10	11	2	14.9	56	1.8	15	24
10/06/24 17:10	1	10	11	2	14.7	56	2.7	9	18
10/06/24 17:15	1	10	10	2	14.7	57	2.9	8	21
10/06/24 17:20	1	9	10	2	14.6	57	3.4	4	18
10/06/24 17:25	1	9	10	2	14.5	56	3.6	10	19
10/06/24 17:30	0	9	9	2	14.4	57	3.2	357	22
10/06/24 17:35	0	9	10	2	14.3	57	2.5	360	25
10/06/24 17:40	0	10	11	2	14.4	58	2.3	358	30
10/06/24 17:45	0	11	11	2	14.3	58	2.6	3	24
10/06/24 17:50	0	11	12	2	14.2	58	3.3	1	22
10/06/24 17:55	1	11	11	2	14.2	58	2.3	19	22
10/06/24 18:00	0	10	11	2	14.1	59	3.9	21	17
10/06/24 18:05	0	10	10	2	13.9	60	2.0	21	27
10/06/24 18:10	0	10	10	2	13.8	62	2.4	15	27
10/06/24 18:15	0	10	10	2	13.7	62	3.6	14	19
10/06/24 18:20	0	10	10	2	13.6	63	2.4	12	26
10/06/24 18:25	0	10	10	2	13.6	63	1.9	14	30
10/06/24 18:30	0	10	10	2	13.5	63	2.0	15	21
10/06/24 18:35	0	10	10	2	13.5	63	3.2	24	18
10/06/24 18:40	0	9	10	2	13.4	63	2.4	17	25
10/06/24 18:45	0	9	10	2	13.4	63	2.3	13	25
10/06/24 18:50	1	9	10	2	13.4	64	2.4	16	25
10/06/24 18:55	1	9	9	2	13.4	64	3.2	11	22
10/06/24 19:00	1	9	9	2	13.4	64	3.1	5	21
10/06/24 19:05	0	9	9	2	13.4	64	3.4	1	19
10/06/24 19:10	0	9	9	2	13.4	64	2.7	3	31
10/06/24 19:15	0	9	9	2	13.5	64	3.9	1	22
10/06/24 19:20	0	8	9	2	13.5	63	3.4	6	27
10/06/24 19:25	0	9	9	2	13.6	63	2.6	5	35
10/06/24 19:30	0	8	9	2	13.7	63	3.6	1	22
10/06/24 19:35	0	8	9	2	13.7	62	4.1	1	19
10/06/24 19:40	0	8	8	2	13.7	62	3.4	8	26
10/06/24 19:45	0	7	8	2	13.7	62	4.7	8	16
10/06/24 19:50	0	7	7	2	13.6	62	3.9	10	21
10/06/24 19:55	0	7	7	2	13.6	62	4.0	9	24
10/06/24 20:00	0	7	7	2	13.6	63	3.8	14	19
10/06/24 20:05	0	7	7	2	13.5	63	3.8	7	21
10/06/24 20:10	0	7	7	2	13.5	63	3.3	16	24
10/06/24 20:15	0	7	7	2	13.5	63	3.5	359	26
10/06/24 20:20	0	7	7	2	13.6	63	3.8	14	22
10/06/24 20:25	0	7	7	2	13.5	63	3.6	10	23
10/06/24 20:30	0	6	6	2	13.5	63	3.4	11	25

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/06/24 20:35	0	6	6	2	13.5	63	4.1	11	18
10/06/24 20:40	0	6	6	2	13.5	63	4.5	6	21
10/06/24 20:45	0	6	6	2	13.5	62	4.6	5	20
10/06/24 20:50	0	6	6	2	13.5	62	5.0	4	17
10/06/24 20:55	0	6	6	2	13.4	62	3.8	9	25
10/06/24 21:00	0	6	6	2	13.4	62	4.3	12	21
10/06/24 21:05	0	5	5	2	13.5	63	3.9	9	21
10/06/24 21:10	0	5	5	1	13.3	62	3.9	8	22
10/06/24 21:15	0	5	5	2	13.4	62	4.2	7	31
10/06/24 21:20	0	5	5	2	13.4	62	3.8	10	22
10/06/24 21:25	0	5	5	2	13.4	62	4.5	11	21
10/06/24 21:30	0	5	5	1	13.4	62	4.6	7	21
10/06/24 21:35	0	5	5	2	13.5	62	4.4	6	21
10/06/24 21:40	0	5	5	2	13.5	62	5.1	6	23
10/06/24 21:45	0	5	5	2	13.5	62	4.0	3	20
10/06/24 21:50	0	6	6	2	13.5	62	4.6	2	21
10/06/24 21:55	0	6	6	2	13.5	61	4.5	3	22
10/06/24 22:00	0	6	6	2	13.5	61	4.5	10	26
10/06/24 22:05	0	5	5	2	13.6	60	6.2	11	18
10/06/24 22:10	0	5	5	2	13.6	60	5.3	10	20
10/06/24 22:15	0	4	5	2	13.6	60	4.9	6	25
10/06/24 22:20	0	4	4	2	13.6	60	4.6	358	21
10/06/24 22:25	0	4	4	2	13.5	60	4.4	8	24
10/06/24 22:30	0	4	4	2	13.6	60	4.7	11	19
10/06/24 22:35	0	4	4	2	13.6	60	4.9	10	20
10/06/24 22:40	0	4	4	2	13.6	60	4.9	12	23
10/06/24 22:45	0	4	4	2	13.6	60	4.3	13	25
10/06/24 22:50	0	3	4	2	13.6	60	4.6	9	23
10/06/24 22:55	0	3	4	2	13.6	61	3.3	17	24
10/06/24 23:00	0	3	4	2	13.6	61	4.3	14	22
10/06/24 23:05	0	3	3	2	13.6	61	3.8	10	21
10/06/24 23:10	0	3	3	2	13.7	61	4.6	13	24
10/06/24 23:15	0	3	3	1	13.8	60	4.9	6	19
10/06/24 23:20	0	3	3	1	13.9	60	6.5	8	15
10/06/24 23:25	0	3	3	1	13.8	60	5.4	9	21
10/06/24 23:30	0	3	3	1	13.9	60	5.4	7	22
10/06/24 23:35	0	3	3	1	13.8	60	4.9	1	25
10/06/24 23:40	0	3	3	1	13.8	60	5.0	8	23
10/06/24 23:45	0	3	3	1	13.8	60	4.2	9	30
10/06/24 23:50	0	3	3		13.8	61	5.9	2	20
10/06/24 23:55	0	3	3		13.7	61	5.1	9	25
11/06/24 00:00	0	3	3	2	13.7	62	6.2	11	16
11/06/24 00:05	0	3	3	2	13.7	63	5.0	10	25
11/06/24 00:10	0	3	3	2	13.6	64	4.8	7	25
11/06/24 00:15	0	3	3	2	13.4	64	4.5	10	25
11/06/24 00:20	0	3	3	2	13.4	66	4.4	8	19
11/06/24 00:25	0	3	3	2	13.3	67	5.4	12	21
11/06/24 00:30	0	2	3	2	13.4	68	5.2	7	23
11/06/24 00:35	0	3	3	2	13.4	71	4.9	2	24
11/06/24 00:40	0	3	3	2	13.3	73	5.5	1	17
11/06/24 00:45	0	3	3	2	13.3	73	4.6	6	23
11/06/24 00:50	0	3	3	2	13.3	73	4.9	19	20
11/06/24 00:55	0	2	2	2	13.2	73	4.6	16	22
11/06/24 01:00	0	2	2	2	13.3	71	5.9	4	15
11/06/24 01:05					13.4	71	4.6	12	27
11/06/24 01:10					13.4	70	5.7	7	22
11/06/24 01:15					13.5	69	6.2	13	18
11/06/24 01:20					13.5	68	6.2	4	18
11/06/24 01:25					13.6	68	5.7	16	18
11/06/24 01:30					13.6	68	3.9	17	30
11/06/24 01:35					13.4	67	5.7	15	23
11/06/24 01:40					13.3	67	5.4	20	20
11/06/24 01:45					13.3	67	5.6	22	20
11/06/24 01:50					13.3	68	5.2	19	20
11/06/24 01:55					13.3	68	5.3	22	17
11/06/24 02:00					13.2	68	5.7	26	23
11/06/24 02:05	0	2	2	2	13.1	69	5.4	16	20
11/06/24 02:10	0	2	2	2	13.0	70	5.2	32	17
11/06/24 02:15	0	2	2	2	12.9	71	4.6	16	21
11/06/24 02:20	0	2	2	2	13.0	72	4.0	19	27
11/06/24 02:25	0	2	2	2	13.0	71	5.6	11	17
11/06/24 02:30	0	2	2	2	13.1	71	4.3	11	17
11/06/24 02:35	0	2	2	2	13.0	72	3.5	3	32
11/06/24 02:40	0	2	3	2	13.0	73	4.1	2	22
11/06/24 02:45	0	2	3	2	13.1	73	3.9	7	19
11/06/24 02:50	0	2	2	2	13.1	74	2.8	14	21
11/06/24 02:55	0	2	2	2	13.0	74	2.7	18	33
11/06/24 03:00	0	2	2	2	13.0	74	3.3	12	26
11/06/24 03:05	0	2	2	2	13.0	74	4.2	18	23
11/06/24 03:10	0	2	2	2	13.0	74	5.1	6	24
11/06/24 03:15	0	2	2	2	13.0	73	4.9	11	22
11/06/24 03:20	0	2	2	2	13.2	73	4.9	10	25
11/06/24 03:25	0	2	2	2	13.1	73	5.2	10	26
11/06/24 03:30	0	2	2	2	13.1	73	5.9	14	22
11/06/24 03:35	0	2	2	2	13.2	74	6.3	8	14
11/06/24 03:40	0	2	2	2	13.2	74	4.5	6	29

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/06/24 03:45	0	2	2	2	13.1	74	5.8	3	25
11/06/24 03:50	0	2	2	2	13.0	76	4.5	18	23
11/06/24 03:55	0	2	2	2	12.9	77	5.3	12	20
11/06/24 04:00	0	2	3	2	12.6	78	5.1	19	24
11/06/24 04:05	0	2	3	2	12.6	78	5.4	11	22
11/06/24 04:10	0	2	3	2	12.3	79	5.1	19	21
11/06/24 04:15	0	2	3	2	12.1	80	4.6	20	22
11/06/24 04:20	0	3	3	2	12.1	80	6.7	29	17
11/06/24 04:25	0	3	3	2	12.1	80	6.8	22	18
11/06/24 04:30	0	3	3	2	12.0	81	4.5	20	23
11/06/24 04:35	0	3	3	2	12.0	80	5.1	18	20
11/06/24 04:40	0	3	3	2	12.0	80	5.1	16	21
11/06/24 04:45	0	3	3	2	11.9	81	5.5	9	26
11/06/24 04:50	0	3	3	2	11.8	82	4.7	14	22
11/06/24 04:55	0	3	3	2	11.7	82	4.8	11	22
11/06/24 05:00	0	3	3	2	11.8	82	6.3	13	22
11/06/24 05:05	0	3	4	2	11.8	82	6.8	4	24
11/06/24 05:10	0	3	4	2	11.8	83	5.5	10	22
11/06/24 05:15	0	4	4	2	11.7	84	5.1	5	23
11/06/24 05:20	0	4	4	2	11.7	85	5.7	4	20
11/06/24 05:25	0	5	5	2	11.6	85	5.9	4	18
11/06/24 05:30	0	5	6	2	11.6	86	5.4	3	21
11/06/24 05:35	1	6	6	2	11.6	86	6.0	10	20
11/06/24 05:40	1	6	7	2	11.6	86	5.2	16	22
11/06/24 05:45	1	6	7	2	11.6	85	5.8	6	20
11/06/24 05:50	1	6	6	2	11.7	85	5.0	5	30
11/06/24 05:55	1	5	6	2	11.6	85	5.3	18	22
11/06/24 06:00	0	5	6	2	11.6	85	6.6	25	16
11/06/24 06:05	0	5	5	2	11.7	84	6.7	27	17
11/06/24 06:10	0	5	5	2	11.7	84	5.6	22	24
11/06/24 06:15	0	5	5	2	11.8	83	7.4	18	17
11/06/24 06:20	0	5	5	2	11.9	82	6.3	13	22
11/06/24 06:25	1	5	5	2	12.1	81	5.6	6	18
11/06/24 06:30	1	5	5	2	12.2	81	6.8	11	16
11/06/24 06:35	1	5	6	2	12.3	80	6.3	10	23
11/06/24 06:40	1	6	6	2	12.3	79	5.3	0	25
11/06/24 06:45	1	7	7	2	12.5	79	4.8	0	25
11/06/24 06:50	1	8	9	2	12.6	79	5.9	11	19
11/06/24 06:55	1	8	9	2	12.6	78	6.6	6	25
11/06/24 07:00	1	8	9	2	12.6	78	5.4	7	21
11/06/24 07:05	1	8	9	2	12.5	79	5.1	9	20
11/06/24 07:10	1	7	8	2	12.5	79	5.5	6	27
11/06/24 07:15	1	7	8	2	12.5	79	6.6	8	19
11/06/24 07:20	1	7	7	2	12.4	79	5.6	1	25
11/06/24 07:25	1	6	7	2	12.5	79	3.3	359	29
11/06/24 07:30	1	7	8	2	12.6	79	2.4	325	39
11/06/24 07:35	1	8	9	2	12.8	78	4.2	298	20
11/06/24 07:40	1	8	9	2	13.1	78	3.5	319	20
11/06/24 07:45	1	9	10	2	13.1	77	4.4	321	28
11/06/24 07:50	1	9	10	2	13.0	77	3.9	329	23
11/06/24 07:55	1	9	10	2	13.0	78	3.6	337	32
11/06/24 08:00	1	9	10	2	13.0	78	3.6	337	30
11/06/24 08:05	2	9	11	2	12.9	77	4.3	328	33
11/06/24 08:10	2	9	11	2	13.0	77	3.5	346	34
11/06/24 08:15	2	9	12	2	13.0	78	3.8	345	36
11/06/24 08:20	2	10	12	2	13.0	78	4.4	342	30
11/06/24 08:25	2	9	12	2	13.0	78	4.3	340	32
11/06/24 08:30	2	9	12	2	12.9	78	2.7	351	43
11/06/24 08:35	2	10	12	2	12.9	78	4.1	345	33
11/06/24 08:40	2	9	12	2	12.9	79	4.8	353	29
11/06/24 08:45	2	9	12	2	12.8	79	5.0	357	22
11/06/24 08:50	2	9	12	2	12.7	80	5.2	4	21
11/06/24 08:55	3	10	12	2	12.7	80	4.9	359	29
11/06/24 09:00	3	9	12	2	12.7	80	6.2	6	25
11/06/24 09:05	3	9	12	2	12.8	79	5.5	7	17
11/06/24 09:10	2	9	11	2	12.8	79	6.5	12	18
11/06/24 09:15	2	8	10	2	13.0	79	5.0	6	23
11/06/24 09:20	2	8	10	2	13.0	79	6.3	15	21
11/06/24 09:25	2	8	10	2	12.9	79	4.9	17	28
11/06/24 09:30	2	7	9	2	13.0	80	5.1	19	23
11/06/24 09:35	2	7	9	2	13.0	80	6.0	9	17
11/06/24 09:40	2	7	9	2	13.1	80	4.6	14	24
11/06/24 09:45	2	7	10	2	13.1	80	6.3	6	17
11/06/24 09:50	2	7	10	2	13.2	79	6.2	15	22
11/06/24 09:55	2	7	9	2	13.5	78	6.1	17	22
11/06/24 10:00	2	7	9	2	13.6	78	5.5	12	22
11/06/24 10:05	2	7	9	2	13.7	77	4.9	357	23
11/06/24 10:10	2	7	10	2	13.8	77	2.9	357	35
11/06/24 10:15	3	8	11	2	14.0	76	3.8	355	25
11/06/24 10:20	3	9	12	2	14.0	76	3.3	336	34
11/06/24 10:25	3	9	12	2	14.1	76	4.0	328	33
11/06/24 10:30	3	9	12	2	14.2	76	3.8	346	33
11/06/24 10:35	3	8	11	2	14.2	76	3.7	323	25
11/06/24 10:40	3	8	11	2	14.2	75	3.8	330	26
11/06/24 10:45	3	8	10	2	14.4	75	3.6	340	32
11/06/24 10:50	3	8	11	2	14.3	75	4.7	343	27

**Station Pier Ambient Air Quality Monitoring
June 2024
5-Minute Data**

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/06/24 10:55	3	9	12	2	14.4	75	3.4	338	29
11/06/24 11:00	4	9	13	2	14.4	75	3.8	357	26
11/06/24 11:05	4	10	14	2	14.5	75	3.6	355	30
11/06/24 11:10	4	10	15	2	14.5	74	3.8	2	24
11/06/24 11:15	5	11	16	2	14.6	75	3.5	3	24
11/06/24 11:20	5	11	16	2	14.7	74	3.3	2	27
11/06/24 11:25	6	12	17	2	14.7	74	3.4	356	20
11/06/24 11:30	6	12	18	2	14.9	73	3.3	331	30
11/06/24 11:35	5	12	18	2	15.0	72	3.1	346	34
11/06/24 11:40	5	12	17	2	15.3	70	3.3	323	22
11/06/24 11:45	4	12	16	2	15.4	70	3.4	327	25
11/06/24 11:50	4	11	15	2	15.4	69	3.4	327	21
11/06/24 11:55	4	11	14	2	15.4	70	2.7	316	26
11/06/24 12:00	3	10	14	2	15.4	69	3.2	313	25
11/06/24 12:05	3	11	14	2	15.5	70	3.1	305	20
11/06/24 12:10	3	12	15	2	15.5	69	3.8	306	16
11/06/24 12:15	4	13	17	2	15.5	69	5.1	299	16
11/06/24 12:20	4	11	15	2	15.7	70	5.3	289	12
11/06/24 12:25	3	7	11	2	15.2	74	4.6	292	15
11/06/24 12:30	3	8	11	2	14.9	77	4.3	292	15
11/06/24 12:35	3	8	11	2	14.7	79	4.8	294	16
11/06/24 12:40	3	10	13	2	14.4	81	4.0	294	19
11/06/24 12:45	3	11	15	2	14.3	82	3.6	295	16
11/06/24 12:50	4	11	15	2	14.4	81	3.4	286	21
11/06/24 12:55	4	10	13	2	14.5	80	4.7	302	17
11/06/24 13:00	3	10	13	2	14.7	78	4.5	304	16
11/06/24 13:05	3	10	13	2	14.8	77	5.3	306	17
11/06/24 13:10	3	10	13	2	15.0	76	4.5	300	15
11/06/24 13:15	3	10	13	2	14.9	75	5.0	306	16
11/06/24 13:20	3	10	13	2	15.0	74	5.7	309	12
11/06/24 13:25	2	10	12	2	15.0	73	5.7	308	13
11/06/24 13:30	2	9	12	2	15.0	73	4.5	308	18
11/06/24 13:35	2	10	12	2	15.0	73	4.2	307	23
11/06/24 13:40	3	10	12	2	14.9	75	4.0	323	22
11/06/24 13:45	3	9	12	2	14.7	76	4.0	311	21
11/06/24 13:50	3	9	12	2	14.7	76	4.2	316	18
11/06/24 13:55	3	9	12	2	14.8	74	4.1	309	18
11/06/24 14:00	3	10	13	2	14.9	73	4.6	309	17
11/06/24 14:05	4	10	14	2	15.0	71	4.5	312	17
11/06/24 14:10	4	10	14	2	15.3	70	3.8	305	22
11/06/24 14:15	4	9	14	2	15.6	67	4.3	308	18
11/06/24 14:20	5	9	14	2	15.8	66	3.7	304	15
11/06/24 14:25	5	9	14	2	16.0	66	3.3	313	23
11/06/24 14:30	5	9	14	2	16.0	65	3.8	308	20
11/06/24 14:35	5	9	14	2	16.2	65	3.3	313	25
11/06/24 14:40	5	9	14	2	16.3	64	3.7	305	16
11/06/24 14:45	5	9	14	2	16.4	64	3.8	313	13
11/06/24 14:50	5	10	15	2	16.5	63	3.7	313	16
11/06/24 14:55	6	11	16	2	16.7	61	4.3	296	18
11/06/24 15:00	5	9	14	2	16.8	59	4.8	294	17
11/06/24 15:05	4	9	13	2	16.9	58	4.6	293	11
11/06/24 15:10	3	9	12	2	17.0	58	5.5	288	16
11/06/24 15:15	3	7	10	2	16.8	61	7.0	288	12
11/06/24 15:20	2	7	9	2	16.4	64	7.1	274	8
11/06/24 15:25	2	9	11	2	16.3	64	5.1	282	11
11/06/24 15:30	2	13	15	2	16.4	63	3.8	284	16
11/06/24 15:35	2	13	16	2	16.5	62	4.1	284	14
11/06/24 15:40	3	13	15	2	16.6	62	2.8	294	19
11/06/24 15:45	2	12	14	2	16.7	60	3.1	291	15
11/06/24 15:50	2	11	13	2	16.9	59	3.8	287	14
11/06/24 15:55	2	10	12	2	17.1	58	3.8	295	15
11/06/24 16:00	2	9	12	2	17.2	57	3.9	292	14
11/06/24 16:05	2	9	12	2	17.2	59	2.9	295	19
11/06/24 16:10	2	10	12	3	17.2	58	3.9	294	16
11/06/24 16:15	2	10	12	2	17.2	58	4.6	292	18
11/06/24 16:20	2	10	12	3	17.3	57	5.9	282	16
11/06/24 16:25	2	10	12	3	16.7	65	5.8	235	23
11/06/24 16:30	1	6	8	3	15.5	75	4.9	228	7
11/06/24 16:35	1	3	4	2	15.5	75	5.8	230	7
11/06/24 16:40	1	2	3	2	14.8	80	6.7	239	7
11/06/24 16:45	1	5	6	2	14.7	79	5.1	253	7
11/06/24 16:50	1	15	17	2	14.9	79	4.5	266	5
11/06/24 16:55	1	14	15	2	14.8	79	4.3	260	6
11/06/24 17:00	1	13	14	2	14.8	79	2.9	268	10
11/06/24 17:05	1	11	12	2	14.9	79	2.4	274	10
11/06/24 17:10	1	9	10	2	14.9	77	3.1	268	11
11/06/24 17:15	1	9	10	2	15.1	77	2.9	270	12
11/06/24 17:20	1	10	11	2	15.1	78	2.8	262	6
11/06/24 17:25	1	11	12	2	15.0	78	2.4	267	8
11/06/24 17:30	1	17	18	2	14.8	78	1.3	282	14
11/06/24 17:35	1	19	20	2	14.8	78	0.7	293	21
11/06/24 17:40	1	19	20	2	14.7	77	0.9	292	21
11/06/24 17:45	1	20	20	2	14.7	77	0.6	333	14
11/06/24 17:50	1	21	22	2	14.6	79	0.4	4	23
11/06/24 17:55	2	22	24	2	14.3	80	0.4	25	12
11/06/24 18:00	1	22	23	2	14.0	80	0.2	74	29

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/06/24 18:05	1	22	23	2	13.8	82	0.9	51	8
11/06/24 18:10	1	22	23	2	13.6	84	1.3	36	8
11/06/24 18:15	2	22	24	2	13.6	84	1.2	28	17
11/06/24 18:20	5	28	33	2	13.9	78	2.0	348	25
11/06/24 18:25	7	25	32	2	15.2	67	2.6	317	16
11/06/24 18:30	13	28	42	2	15.5	67	1.4	330	21
11/06/24 18:35	18	31	49	2	15.3	67	1.5	331	28
11/06/24 18:40	18	30	48	2	15.2	68	1.4	313	19
11/06/24 18:45	21	30	50	2	15.1	68	1.2	355	19
11/06/24 18:50	28	28	56	2	15.0	68	1.2	346	22
11/06/24 18:55	28	31	60	2	14.9	68	1.5	338	20
11/06/24 19:00	27	30	58	2	14.9	67	1.6	330	34
11/06/24 19:05	14	25	39	2	14.9	67	2.3	325	20
11/06/24 19:10	5	25	31	2	14.7	67	1.9	322	23
11/06/24 19:15	7	27	33	2	14.7	68	2.5	315	20
11/06/24 19:20	7	27	34	2	14.9	67	3.3	311	14
11/06/24 19:25	7	26	32	2	15.0	66	3.5	310	12
11/06/24 19:30	6	25	31	2	15.1	67	3.7	309	12
11/06/24 19:35	6	24	31	2	15.0	67	4.0	314	11
11/06/24 19:40	6	24	31	2	15.0	69	3.4	307	12
11/06/24 19:45	8	25	32	2	15.0	70	2.8	304	12
11/06/24 19:50	9	26	35	2	14.9	71	3.2	307	11
11/06/24 19:55	8	25	34	2	14.9	71	3.6	309	13
11/06/24 20:00	6	22	28	2	14.9	71	3.0	309	13
11/06/24 20:05	7	23	30	2	14.9	72	2.5	312	16
11/06/24 20:10	11	27	38	2	14.8	72	1.2	310	37
11/06/24 20:15	7	23	30	2	14.7	72	1.9	302	22
11/06/24 20:20	7	24	31	2	14.8	71	1.2	323	21
11/06/24 20:25	10	26	36	2	14.7	72	0.9	328	27
11/06/24 20:30	12	26	38	2	14.7	71	1.8	322	23
11/06/24 20:35	10	25	35	2	14.7	70	2.2	312	12
11/06/24 20:40	8	25	34	2	14.7	69	2.5	313	11
11/06/24 20:45	6	25	31	2	14.7	68	2.3	319	16
11/06/24 20:50	5	24	29	2	14.8	68	2.9	316	9
11/06/24 20:55	4	23	27	2	14.8	67	3.4	311	12
11/06/24 21:00	3	22	25	2	14.7	66	3.2	312	13
11/06/24 21:05	2	22	24	2	14.8	66	2.8	310	12
11/06/24 21:10	2	21	23	3	14.8	66	2.8	305	12
11/06/24 21:15	2	21	23	2	14.8	65	3.2	302	13
11/06/24 21:20	2	21	22	2	14.8	66	2.6	294	12
11/06/24 21:25	1	20	22	2	14.8	66	3.0	297	10
11/06/24 21:30	1	20	21	2	14.8	65	3.7	300	13
11/06/24 21:35	1	19	20	2	15.0	64	3.3	298	12
11/06/24 21:40	1	19	20	2	15.1	64	3.1	292	15
11/06/24 21:45	1	17	18	2	15.0	65	3.6	292	12
11/06/24 21:50	1	15	15	2	15.0	65	3.8	291	13
11/06/24 21:55	1	13	14	2	14.9	67	3.4	283	14
11/06/24 22:00	0	15	15	2	14.9	67	4.2	283	16
11/06/24 22:05	0	14	14	2	14.9	68	6.9	274	12
11/06/24 22:10	0	7	7	2	14.9	70	6.9	267	7
11/06/24 22:15	0	3	3	2	14.8	70	5.5	270	5
11/06/24 22:20	0	5	5	2	14.8	70	5.7	265	12
11/06/24 22:25	0	5	5	2	14.5	71	7.8	264	11
11/06/24 22:30	0	4	4	2	14.6	71	5.8	278	12
11/06/24 22:35	0	4	4	2	14.8	69	6.0	271	7
11/06/24 22:40	0	4	4	2	14.9	68	4.9	281	13
11/06/24 22:45	0	4	4	2	15.2	66	7.8	270	8
11/06/24 22:50	0	4	4	2	15.2	66	6.4	271	10
11/06/24 22:55	0	4	4	2	15.2	66	7.4	266	8
11/06/24 23:00	0	4	4	2	15.2	67	6.6	269	6
11/06/24 23:05	0	4	4	2	15.1	68	7.1	268	9
11/06/24 23:10	0	4	4	2	15.0	69	9.6	261	5
11/06/24 23:15	0	4	4	2	15.0	69	6.5	269	5
11/06/24 23:20	0	4	4	2	14.9	69	4.9	279	16
11/06/24 23:25	0	4	3	2	14.9	67	5.3	275	13
11/06/24 23:30	0	4	4	2	14.9	68	4.7	282	14
11/06/24 23:35	0	4	4	2	14.8	68	3.9	284	14
11/06/24 23:40	0	5	5	2	14.8	68	4.9	282	13
11/06/24 23:45	0	5	5	2	14.9	68	5.5	279	14
11/06/24 23:50	0	5	5	2	14.8	69	7.0	277	11
11/06/24 23:55	0	4	4	2	14.8	69	8.7	270	7
12/06/24 00:00	0	4	4	2	14.7	70	6.8	270	10
12/06/24 00:05	0	3	3	2	14.6	70	6.1	270	11
12/06/24 00:10	0	3	3	2	14.5	71	6.0	272	9
12/06/24 00:15	0	3	3	1	14.5	71	7.0	267	8
12/06/24 00:20	0	3	3	1	14.5	71	5.5	273	8
12/06/24 00:25	0	3	3	1	14.3	74	7.2	274	17
12/06/24 00:30	0	3	3	1	13.8	78	7.3	245	7
12/06/24 00:35	0	4	5	1	13.5	81	6.0	237	6
12/06/24 00:40	0	5	5	1	13.4	83	4.5	236	5
12/06/24 00:45	1	12	13	1	13.5	79	5.7	263	12
12/06/24 00:50	1	5	6	1	13.8	77	5.6	256	10
12/06/24 00:55	1	4	4	1	14.0	77	6.2	262	6
12/06/24 01:00	0	4	5	1	13.9	77	5.1	267	11
12/06/24 01:05					13.9	77	4.1	283	13
12/06/24 01:10					14.0	76	4.3	278	11

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/06/24 01:15					14.0	75	4.1	283	12
12/06/24 01:20					13.9	75	5.4	278	12
12/06/24 01:25					14.0	75	5.6	272	12
12/06/24 01:30					14.0	76	6.5	261	6
12/06/24 01:35					13.9	77	6.1	257	7
12/06/24 01:40					13.8	78	6.1	256	8
12/06/24 01:45					13.7	80	6.0	258	9
12/06/24 01:50					13.5	81	8.1	269	8
12/06/24 01:55					13.6	82	9.8	261	7
12/06/24 02:00					13.5	83	8.4	255	5
12/06/24 02:05	0	4	4	1	13.4	83	7.7	260	5
12/06/24 02:10	0	4	4	1	13.3	84	7.2	264	6
12/06/24 02:15	0	4	4	1	13.3	84	7.5	264	7
12/06/24 02:20	0	4	4	1	13.2	84	7.8	260	8
12/06/24 02:25	0	4	4	1	13.2	84	7.5	260	7
12/06/24 02:30	0	4	4	1	13.1	84	7.2	258	7
12/06/24 02:35	0	4	4	1	13.1	84	7.5	254	7
12/06/24 02:40	0	4	4	1	13.1	83	7.9	260	6
12/06/24 02:45	0	4	4	1	13.1	82	7.3	259	6
12/06/24 02:50	0	4	4	1	13.1	81	8.0	259	7
12/06/24 02:55	0	3	3	1	13.1	82	7.7	265	7
12/06/24 03:00	0	3	3	1	13.0	81	6.6	268	9
12/06/24 03:05	0	3	3	1	13.0	81	7.6	265	5
12/06/24 03:10	0	3	4	1	13.0	79	7.3	262	5
12/06/24 03:15	0	4	4	1	13.0	78	7.5	263	8
12/06/24 03:20	0	4	4	1	13.0	78	6.1	258	6
12/06/24 03:25	0	4	4	1	13.0	78	5.1	265	9
12/06/24 03:30	0	4	4	1	12.9	78	5.3	269	8
12/06/24 03:35	0	4	4	1	12.9	78	5.0	269	8
12/06/24 03:40	0	3	3	1	12.9	78	4.8	274	11
12/06/24 03:45	0	3	3	1	12.8	77	6.3	267	9
12/06/24 03:50	0	4	4	1	12.9	75	7.1	261	8
12/06/24 03:55	0	4	4	1	12.8	75	6.2	270	9
12/06/24 04:00	0	4	4	1	12.7	76	5.4	273	11
12/06/24 04:05	0	3	4	1	12.7	77	6.4	267	7
12/06/24 04:10	0	3	3	1	12.7	77	6.7	266	9
12/06/24 04:15	0	3	3	1	12.7	77	6.1	267	11
12/06/24 04:20	0	3	3	1	12.7	76	6.1	271	9
12/06/24 04:25	0	3	3	1	12.6	77	5.6	272	8
12/06/24 04:30	0	3	3	1	12.6	76	7.1	271	8
12/06/24 04:35	0	3	3	1	12.7	76	7.0	272	8
12/06/24 04:40	0	3	3	1	12.7	76	7.6	266	8
12/06/24 04:45	0	3	3	1	12.8	75	7.3	269	7
12/06/24 04:50	0	3	3	1	12.8	74	8.8	263	9
12/06/24 04:55	0	3	4	1	12.8	73	9.2	262	8
12/06/24 05:00	0	4	4	1	12.9	73	8.1	257	7
12/06/24 05:05	0	4	4	1	12.9	73	8.6	248	13
12/06/24 05:10	0	5	5	1	12.9	73	10.1	239	9
12/06/24 05:15	1	6	7	1	12.7	77	11.0	230	9
12/06/24 05:20	1	0	1	1	12.3	85	11.4	222	5
12/06/24 05:25	1	0	1	1	11.8	90	10.2	223	5
12/06/24 05:30	1	0	1	1	11.7	93	10.3	218	7
12/06/24 05:35	0	1	1	1	11.6	91	10.6	216	9
12/06/24 05:40	0	1	1	1	11.5	89	10.8	226	7
12/06/24 05:45	0	1	1	1	11.7	89	9.3	230	4
12/06/24 05:50	0	1	1	1	11.7	90	9.6	229	6
12/06/24 05:55	0	1	1	1	11.8	90	9.9	225	6
12/06/24 06:00	0	1	1	1	11.8	91	10.6	217	6
12/06/24 06:05	0	1	1	1	11.7	91	10.5	219	5
12/06/24 06:10	0	1	1	1	11.9	88	9.8	221	4
12/06/24 06:15	0	1	1	1	12.2	83	10.4	215	5
12/06/24 06:20	0	0	1	1	12.3	82	8.9	215	7
12/06/24 06:25	0	1	1	1	12.2	80	9.2	214	4
12/06/24 06:30	1	6	7	1	12.4	78	9.3	215	4
12/06/24 06:35	5	6	10	1	12.7	76	9.7	214	6
12/06/24 06:40	0	1	0	1	12.3	78	12.8	215	5
12/06/24 06:45	0	1	0	1	11.9	81	10.2	218	5
12/06/24 06:50	0	1	0	1	12.0	79	9.9	220	4
12/06/24 06:55	0	1	0	1	12.2	77	9.6	218	6
12/06/24 07:00	0	0	0	1	12.3	78	9.1	221	6
12/06/24 07:05	0	0	0	1	12.2	79	9.5	226	5
12/06/24 07:10	0	0	1	1	12.2	77	11.3	224	6
12/06/24 07:15	0	0	0	1	12.2	75	11.2	226	5
12/06/24 07:20	0	0	0	1	12.0	74	9.5	224	5
12/06/24 07:25	0	0	1	1	12.0	77	8.4	226	5
12/06/24 07:30	0	0	1	1	12.1	78	8.4	230	5
12/06/24 07:35	0	1	1	1	12.1	78	8.6	232	5
12/06/24 07:40	0	1	1	1	12.1	78	7.9	228	7
12/06/24 07:45	0	1	1	0	12.2	78	8.3	232	6
12/06/24 07:50	0	1	1	1	12.1	77	8.2	235	6
12/06/24 07:55	0	1	1	1	12.0	78	8.4	230	6
12/06/24 08:00	0	1	1	1	11.8	80	7.3	218	4
12/06/24 08:05	0	1	1	1	11.7	80	8.1	232	6
12/06/24 08:10	0	1	1	1	11.5	83	11.3	231	7
12/06/24 08:15	0	1	1	1	11.3	82	11.0	231	5
12/06/24 08:20	0	1	1	1	11.3	83	10.9	228	5

Station Pier Ambient Air Quality Monitoring
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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/06/24 08:25	0	1	1	1	11.3	84	12.2	225	5
12/06/24 08:30	0	1	1	1	11.2	82	8.7	212	5
12/06/24 08:35	0	1	1	1	11.6	76	8.3	206	5
12/06/24 08:40	0	1	2	1	11.9	73	8.3	206	5
12/06/24 08:45	0	1	2	1	12.4	70	10.1	218	6
12/06/24 08:50	0	1	1	1	12.1	72	8.9	240	7
12/06/24 08:55	0	1	2	1	11.8	75	8.4	242	7
12/06/24 09:00	0	2	2	0	11.6	75	7.1	242	7
12/06/24 09:05	0	2	3	0	11.6	76	7.6	239	6
12/06/24 09:10	1	2	3	0	11.6	76	8.3	241	6
12/06/24 09:15	1	3	4	1	11.4	77	8.4	227	14
12/06/24 09:20	1	3	3	1	11.1	83	9.1	210	8
12/06/24 09:25	1	2	2	1	10.6	85	7.6	220	5
12/06/24 09:30	1	1	2	1	10.4	85	4.4	222	10
12/06/24 09:35	0	2	2	0	10.6	82	4.6	235	9
12/06/24 09:40	1	2	3	0	11.0	80	5.1	239	8
12/06/24 09:45	1	3	3	0	11.2	76	7.0	242	6
12/06/24 09:50	1	3	4	1	11.4	77	7.4	239	7
12/06/24 09:55	1	3	4	1	11.4	76	6.8	242	6
12/06/24 10:00	1	3	4	1	11.5	79	6.6	224	8
12/06/24 10:05	1	3	3	1	12.1	75	6.2	209	11
12/06/24 10:10	1	4	6	1	12.1	76	6.8	193	7
12/06/24 10:15	2	4	6	1	11.7	73	7.5	196	8
12/06/24 10:20	3	10	13	1	11.9	75	7.5	195	8
12/06/24 10:25	4	10	14	1	11.7	78	8.2	202	6
12/06/24 10:30	1	1	2	1	11.6	81	8.6	211	4
12/06/24 10:35	1	2	3	1	11.5	82	9.6	231	7
12/06/24 10:40	1	2	2	1	11.0	84	8.5	236	4
12/06/24 10:45	0	2	2	1	11.2	82	8.0	228	7
12/06/24 10:50	0	2	2	1	11.4	80	7.4	221	7
12/06/24 10:55	0	1	2	1	11.7	78	7.1	220	5
12/06/24 11:00	0	1	1	1	11.9	75	7.3	220	6
12/06/24 11:05	0	1	1	1	12.1	76	8.2	222	6
12/06/24 11:10	0	1	1	1	12.0	76	8.3	213	7
12/06/24 11:15	0	1	1	0	12.2	75	7.9	220	7
12/06/24 11:20	0	1	1	0	12.1	76	7.5	224	4
12/06/24 11:25	0	1	1	1	12.2	75	7.9	222	5
12/06/24 11:30	0	1	1	1	12.2	75	7.6	219	4
12/06/24 11:35	0	3	3	1	12.2	70	8.1	222	7
12/06/24 11:40	1	4	5	1	12.2	73	8.1	226	5
12/06/24 11:45	1	1	1	1	12.3	74	7.7	229	4
12/06/24 11:50	1	1	2	1	12.3	74	7.3	231	5
12/06/24 11:55	1	2	3	1	12.4	74	7.9	233	7
12/06/24 12:00	1	2	2	1	12.3	72	8.0	232	7
12/06/24 12:05	1	2	3	1	12.2	73	7.0	239	6
12/06/24 12:10	1	2	3	1	12.1	77	8.4	223	7
12/06/24 12:15	1	2	3	1	12.1	76	7.8	209	6
12/06/24 12:20	1	2	3	1	12.3	73	7.8	207	4
12/06/24 12:25	1	2	3	1	12.3	71	7.4	212	4
12/06/24 12:30	1	7	8	1	12.5	69	7.6	211	7
12/06/24 12:35	2	6	8	1	12.6	70	7.7	208	6
12/06/24 12:40	1	1	2	1	12.7	68	7.8	206	4
12/06/24 12:45	1	2	3	1	12.8	70	6.9	218	12
12/06/24 12:50	1	2	3	1	12.3	75	6.0	234	6
12/06/24 12:55	0	2	2	1	12.4	74	6.7	230	6
12/06/24 13:00	0	1	2	1	12.6	70	7.2	226	5
12/06/24 13:05	0	1	1	1	12.7	71	7.2	226	5
12/06/24 13:10	0	1	2	1	12.6	72	7.9	225	9
12/06/24 13:15	1	3	4	1	12.5	71	6.2	195	8
12/06/24 13:20	6	13	19	1	12.6	67	6.7	197	6
12/06/24 13:25	10	13	22	0	12.9	66	7.8	205	6
12/06/24 13:30	0	1	1	1	13.0	65	8.9	207	4
12/06/24 13:35	1	2	3	1	13.1	64	9.1	207	4
12/06/24 13:40	0	1	1	1	13.2	66	8.3	216	13
12/06/24 13:45	0	1	1	1	13.0	68	8.3	233	4
12/06/24 13:50	0	1	2	1	12.9	69	9.0	233	4
12/06/24 13:55	0	1	1	1	13.0	69	9.1	233	4
12/06/24 14:00	0	1	1	1	13.0	68	8.7	232	4
12/06/24 14:05	0	1	1	1	13.0	71	7.4	221	7
12/06/24 14:10	0	1	1	1	13.0	69	7.6	225	6
12/06/24 14:15	0	1	1	1	13.1	66	9.1	217	8
12/06/24 14:20	0	1	1	1	13.2	63	9.7	209	3
12/06/24 14:25	0	1	1	1	13.3	62	8.7	214	4
12/06/24 14:30	0	1	1	1	13.3	60	9.2	215	4
12/06/24 14:35	0	1	1	1	13.3	59	9.6	219	5
12/06/24 14:40	0	1	1	1	13.3	57	10.4	220	5
12/06/24 14:45	0	1	1	1	13.3	59	8.8	221	4
12/06/24 14:50	0	1	1	1	13.3	57	9.1	216	5
12/06/24 14:55	0	1	1	1	13.4	58	9.2	214	5
12/06/24 15:00	0	1	1	0	13.4	57	9.2	213	4
12/06/24 15:05	0	1	1	1	13.2	57	9.5	213	6
12/06/24 15:10	0	1	2	0	13.2	58	8.8	212	3
12/06/24 15:15	0	1	2	0	13.2	57	9.0	217	5
12/06/24 15:20	0	1	1	0	13.3	56	8.3	215	4
12/06/24 15:25	0	1	1	0	13.3	55	6.7	211	5
12/06/24 15:30	0	3	4	0	13.2	59	6.4	215	4

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/06/24 15:35	0	3	3	0	13.1	60	7.7	214	5
12/06/24 15:40	0	2	2	0	13.2	63	7.1	213	4
12/06/24 15:45	0	2	2	0	13.1	64	7.6	214	5
12/06/24 15:50	0	2	2	1	13.1	65	7.9	213	4
12/06/24 15:55	0	2	3	1	13.1	65	7.4	212	4
12/06/24 16:00	0	2	3	1	13.1	64	7.6	221	5
12/06/24 16:05	0	2	2	1	13.0	66	7.5	221	5
12/06/24 16:10	0	2	2	1	13.0	67	7.1	233	4
12/06/24 16:15	0	1	2	1	12.7	69	6.1	236	5
12/06/24 16:20	0	1	2	1	12.7	69	6.0	237	7
12/06/24 16:25	0	1	2	1	12.6	69	5.9	232	4
12/06/24 16:30	0	1	2	1	12.8	71	6.4	226	4
12/06/24 16:35	0	1	1	1	12.8	71	6.7	221	6
12/06/24 16:40	0	1	1	1	12.9	70	7.4	223	6
12/06/24 16:45	0	1	1	1	12.8	75	8.2	203	7
12/06/24 16:50	0	1	1	1	12.5	77	8.6	206	4
12/06/24 16:55	0	1	1	1	12.5	75	8.7	206	4
12/06/24 17:00	0	2	2	1	12.6	73	7.4	205	9
12/06/24 17:05	0	3	3	1	12.5	73	7.5	209	7
12/06/24 17:10	0	2	2	1	12.5	74	8.4	213	6
12/06/24 17:15	0	1	2	1	12.2	76	7.0	218	3
12/06/24 17:20	0	1	1	1	12.2	76	5.5	217	3
12/06/24 17:25	0	1	1	1	12.3	74	5.7	219	6
12/06/24 17:30	0	1	1	1	12.4	74	5.7	220	4
12/06/24 17:35	0	1	1	1	12.5	73	5.9	224	7
12/06/24 17:40	0	1	1	1	12.5	70	6.5	223	5
12/06/24 17:45	0	1	1	1	12.5	71	6.5	220	5
12/06/24 17:50	0	1	1	1	12.6	71	6.4	218	5
12/06/24 17:55	0	1	1	1	12.6	72	7.4	218	6
12/06/24 18:00	0	1	1	1	12.3	74	8.0	211	8
12/06/24 18:05	0	1	1	1	11.8	76	4.9	193	9
12/06/24 18:10	0	1	1	1	11.6	79	4.5	189	13
12/06/24 18:15	0	1	1	1	11.6	80	4.3	188	11
12/06/24 18:20	0	1	1	1	11.5	81	3.8	193	8
12/06/24 18:25	0	1	1	1	11.7	79	4.0	194	9
12/06/24 18:30	0	2	2	1	11.9	76	4.1	196	7
12/06/24 18:35	0	4	4	1	12.1	74	4.7	197	7
12/06/24 18:40	1	9	10	1	12.2	72	3.9	191	9
12/06/24 18:45	1	11	12	1	12.2	74	3.7	190	10
12/06/24 18:50	2	17	19	1	12.1	72	3.3	206	10
12/06/24 18:55	2	5	7	1	12.4	74	3.8	209	6
12/06/24 19:00	1	3	4	1	12.3	73	4.8	218	8
12/06/24 19:05	2	15	16	1	12.3	74	4.8	248	8
12/06/24 19:10	3	16	18	1	12.2	73	5.9	241	6
12/06/24 19:15	2	3	4	1	12.1	74	5.7	240	7
12/06/24 19:20	1	3	4	1	12.0	75	5.4	240	6
12/06/24 19:25	1	3	4	1	12.0	76	5.8	237	6
12/06/24 19:30	0	3	3	1	11.9	75	5.4	233	7
12/06/24 19:35	0	3	3	1	12.0	75	5.5	240	6
12/06/24 19:40	0	3	3	1	12.1	73	6.6	240	5
12/06/24 19:45	0	4	4	1	12.1	72	5.7	242	6
12/06/24 19:50	0	5	6	1	12.1	72	5.5	241	6
12/06/24 19:55	1	7	7	1	12.1	73	5.6	241	7
12/06/24 20:00	0	6	7	1	12.1	72	5.4	239	7
12/06/24 20:05	0	5	5	1	12.1	72	4.3	238	5
12/06/24 20:10	0	5	6	1	12.2	72	4.3	232	6
12/06/24 20:15	0	4	4	1	12.2	74	4.6	232	5
12/06/24 20:20	0	3	4	1	12.2	74	4.2	230	6
12/06/24 20:25	0	3	3	1	12.3	74	5.2	227	4
12/06/24 20:30	0	3	3	1	12.3	73	5.7	230	6
12/06/24 20:35	0	3	3	1	12.2	73	5.8	226	6
12/06/24 20:40	0	3	3	1	12.4	72	5.5	226	6
12/06/24 20:45	0	3	3	1	12.3	73	6.2	231	6
12/06/24 20:50	0	3	3	1	12.3	71	5.4	239	7
12/06/24 20:55	0	3	3	1	12.2	71	5.7	241	7
12/06/24 21:00	0	11	12	1	12.1	71	5.2	241	7
12/06/24 21:05	1	16	18	1	12.0	72	5.7	242	8
12/06/24 21:10	1	7	8	1	12.1	74	6.4	234	7
12/06/24 21:15	1	5	6	1	12.2	74	6.9	218	9
12/06/24 21:20	1	5	5	1	12.3	75	6.5	231	7
12/06/24 21:25	1	3	4	1	12.1	75	6.4	241	9
12/06/24 21:30	1	3	4	1	12.1	79	6.5	227	5
12/06/24 21:35	1	3	4	1	11.9	78	6.8	236	7
12/06/24 21:40	0	3	3	1	11.8	78	6.6	238	8
12/06/24 21:45	0	3	3	1	11.8	78	6.9	238	7
12/06/24 21:50	0	3	3	1	11.6	78	6.8	246	6
12/06/24 21:55	1	4	4	1	11.5	78	7.2	242	8
12/06/24 22:00	1	4	4	1	11.3	81	8.9	238	5
12/06/24 22:05	0	2	3	1	11.0	84	7.6	241	6
12/06/24 22:10	0	3	3	1	10.5	88	6.8	246	5
12/06/24 22:15	1	6	7	1	10.4	89	5.0	253	6
12/06/24 22:20	2	27	29	1	10.5	90	4.4	252	6
12/06/24 22:25	4	26	29	1	10.5	89	3.6	255	7
12/06/24 22:30	4	20	24	1	10.4	88	3.6	259	7
12/06/24 22:35	4	19	23	1	10.6	87	3.5	265	7
12/06/24 22:40	2	3	5	1	10.6	86	3.3	270	5

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/06/24 22:45	1	3	4	1	10.6	85	4.1	262	7
12/06/24 22:50	1	10	11	1	10.7	84	4.3	258	6
12/06/24 22:55	1	17	18	1	10.7	84	4.3	262	6
12/06/24 23:00	1	12	13	1	10.7	84	4.2	265	8
12/06/24 23:05	1	8	10	1	10.6	82	4.0	260	9
12/06/24 23:10	1	12	13	1	10.8	82	4.5	250	8
12/06/24 23:15	1	12	14	1	10.6	82	4.9	250	7
12/06/24 23:20	2	16	18	1	10.6	83	4.0	252	8
12/06/24 23:25	2	12	14	1	10.5	83	3.7	250	7
12/06/24 23:30	2	18	21	1	10.5	83	3.2	253	6
12/06/24 23:35	5	28	33	1	10.5	83	3.2	247	7
12/06/24 23:40	5	15	20	1	10.4	84	3.6	238	7
12/06/24 23:45	2	7	9	1	10.4	84	3.3	241	8
12/06/24 23:50	1	6	7		10.4	85	3.6	241	8
12/06/24 23:55	0	6	7		10.5	85	3.8	244	6
13/06/24 00:00	6	26	31	1	10.6	84	3.8	246	9
13/06/24 00:05	10	26	36	1	10.5	84	3.9	251	6
13/06/24 00:10	11	24	35	1	10.5	84	3.9	243	10
13/06/24 00:15	2	12	13	1	10.5	82	4.5	240	7
13/06/24 00:20	1	5	6	1	10.6	81	4.8	240	7
13/06/24 00:25	1	8	8	1	10.5	81	4.9	238	9
13/06/24 00:30	1	9	10	1	10.4	81	5.0	241	5
13/06/24 00:35	1	9	10	1	10.3	81	5.1	244	6
13/06/24 00:40	2	15	16	1	10.4	82	4.5	241	7
13/06/24 00:45	3	14	16	1	10.4	82	4.4	240	6
13/06/24 00:50	3	12	14	1	10.4	81	3.7	236	7
13/06/24 00:55	3	13	16	1	10.3	82	3.4	238	7
13/06/24 01:00	3	23	26	1	10.3	82	2.9	250	9
13/06/24 01:05					10.3	83	3.7	242	8
13/06/24 01:10					10.2	84	3.6	238	9
13/06/24 01:15					10.0	84	3.1	240	13
13/06/24 01:20					10.1	86	3.5	247	9
13/06/24 01:25					10.1	85	4.3	245	6
13/06/24 01:30					10.0	85	4.3	239	7
13/06/24 01:35					10.0	85	4.9	244	10
13/06/24 01:40					10.0	86	5.1	245	7
13/06/24 01:45					10.1	87	4.7	243	7
13/06/24 01:50					10.1	88	4.5	244	7
13/06/24 01:55					10.1	91	4.6	246	7
13/06/24 02:00					10.2	91	3.8	242	8
13/06/24 02:05	3	20	23	1	10.1	90	3.9	244	10
13/06/24 02:10	5	26	30	1	10.3	90	3.4	248	9
13/06/24 02:15	6	22	28	2	10.3	90	4.2	246	10
13/06/24 02:20	9	21	29	1	10.1	89	4.1	254	10
13/06/24 02:25	4	18	22	2	10.0	89	3.9	260	5
13/06/24 02:30	4	18	22	2	10.0	89	3.6	256	9
13/06/24 02:35	6	18	24	2	9.8	90	3.1	242	13
13/06/24 02:40	6	16	22	1	9.8	89	3.3	250	8
13/06/24 02:45	11	20	32	2	9.7	89	2.9	261	9
13/06/24 02:50	6	17	24	2	9.6	89	2.3	276	11
13/06/24 02:55	2	17	19	2	9.6	89	1.5	287	16
13/06/24 03:00	1	14	15	2	9.5	89	2.0	291	17
13/06/24 03:05	1	14	15	2	9.5	88	1.0	301	19
13/06/24 03:10	1	13	14	2	9.4	89	1.5	287	16
13/06/24 03:15	1	15	15	2	9.5	90	2.3	276	17
13/06/24 03:20	1	18	19	1	9.6	90	1.7	271	17
13/06/24 03:25	1	18	20	1	9.7	91	2.9	271	9
13/06/24 03:30	1	18	19	1	9.7	91	2.4	266	12
13/06/24 03:35	1	17	19	1	9.6	91	1.5	275	15
13/06/24 03:40	2	18	20	2	9.7	91	2.7	264	9
13/06/24 03:45	3	19	21	2	9.7	89	2.4	273	9
13/06/24 03:50	3	20	23	1	9.8	89	2.2	263	12
13/06/24 03:55	4	24	28	1	9.8	89	2.1	271	13
13/06/24 04:00	4	23	27	1	9.8	89	2.5	267	9
13/06/24 04:05	4	23	27	1	9.9	88	2.6	262	7
13/06/24 04:10	3	14	17	1	10.0	87	2.7	259	7
13/06/24 04:15	2	10	13	2	10.1	84	3.7	256	9
13/06/24 04:20	3	22	26	2	10.2	84	3.2	268	10
13/06/24 04:25	3	16	20	2	10.1	84	4.3	261	6
13/06/24 04:30	4	17	21	2	10.1	84	4.2	263	6
13/06/24 04:35	4	17	21	2	10.0	85	3.4	266	8
13/06/24 04:40	3	17	21	2	10.0	85	3.2	267	6
13/06/24 04:45	3	17	20	2	9.9	85	2.7	272	14
13/06/24 04:50	2	17	19	2	9.9	85	2.5	272	11
13/06/24 04:55	2	16	17	2	9.8	84	2.0	290	15
13/06/24 05:00	1	12	13	2	9.6	84	2.1	303	10
13/06/24 05:05	1	12	12	2	9.5	84	2.1	310	10
13/06/24 05:10	1	12	13	2	9.5	85	1.5	286	14
13/06/24 05:15	1	14	15	2	9.5	86	2.1	277	12
13/06/24 05:20	1	24	25	2	9.6	86	1.8	282	14
13/06/24 05:25	2	27	28	2	9.6	86	2.1	283	13
13/06/24 05:30	2	26	28	2	9.5	86	1.9	277	11
13/06/24 05:35	4	26	30	2	9.5	87	1.8	282	13
13/06/24 05:40	6	27	33	2	9.4	87	1.9	294	11
13/06/24 05:45	6	25	31	2	9.4	86	2.0	295	13
13/06/24 05:50	6	24	30	2	9.4	86	2.1	303	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/06/24 05:55	5	24	29	2	9.4	86	2.0	291	12
13/06/24 06:00	4	25	29	2	9.4	86	2.3	297	9
13/06/24 06:05	6	24	30	2	9.4	86	1.8	295	9
13/06/24 06:10	6	24	30	2	9.4	87	2.0	295	10
13/06/24 06:15	7	24	31	2	9.4	86	2.3	295	11
13/06/24 06:20	14	22	36	2	9.5	87	1.9	287	11
13/06/24 06:25	33	28	61	2	9.5	87	1.9	290	9
13/06/24 06:30	38	29	68	2	9.6	87	1.9	289	12
13/06/24 06:35	27	28	55	2	9.6	87	2.2	290	10
13/06/24 06:40	19	26	44	2	9.5	87	1.8	282	15
13/06/24 06:45	16	27	43	2	9.6	87	1.8	276	15
13/06/24 06:50	15	27	42	2	9.7	88	1.6	275	14
13/06/24 06:55	15	26	41	2	9.8	87	1.9	271	13
13/06/24 07:00	16	26	42	2	9.9	87	1.6	279	17
13/06/24 07:05	18	25	43	2	9.8	87	2.1	273	14
13/06/24 07:10	26	23	48	2	9.9	86	1.8	290	16
13/06/24 07:15	18	27	45	2	9.8	86	1.5	297	12
13/06/24 07:20	9	26	35	2	9.7	85	1.4	293	12
13/06/24 07:25	7	25	31	2	9.7	86	1.4	300	13
13/06/24 07:30	6	25	31	2	9.7	87	1.2	286	11
13/06/24 07:35	5	24	29	2	9.8	87	1.0	285	12
13/06/24 07:40	5	24	29	2	9.8	87	1.2	266	14
13/06/24 07:45	6	25	31	2	9.9	87	2.3	237	8
13/06/24 07:50	7	25	32	2	9.9	87	2.3	249	8
13/06/24 07:55	7	22	29	2	9.9	87	2.5	249	13
13/06/24 08:00	9	27	36	2	10.0	87	3.5	260	6
13/06/24 08:05	7	24	31	2	10.0	87	3.8	268	5
13/06/24 08:10	5	20	25	2	9.9	87	4.1	263	9
13/06/24 08:15	5	19	24	2	9.9	88	3.4	250	13
13/06/24 08:20	6	22	28	2	9.8	88	3.0	243	13
13/06/24 08:25	8	22	30	2	9.8	88	2.5	253	13
13/06/24 08:30	13	24	37	2	9.9	87	2.6	273	10
13/06/24 08:35	13	23	36	2	9.8	88	2.5	270	17
13/06/24 08:40	12	21	33	2	9.8	88	3.5	244	12
13/06/24 08:45	11	21	32	2	9.9	88	3.1	248	14
13/06/24 08:50	11	22	33	2	9.8	88	2.4	270	13
13/06/24 08:55	10	22	32	2	9.8	87	1.7	264	18
13/06/24 09:00	10	22	32	2	9.9	88	2.0	275	14
13/06/24 09:05	10	22	32	2	9.8	87	2.1	257	9
13/06/24 09:10	10	22	32	2	9.8	87	1.1	274	18
13/06/24 09:15	9	22	32	2	9.8	87	1.2	273	14
13/06/24 09:20	9	22	31	2	9.9	87	1.7	250	18
13/06/24 09:25	8	22	30	2	10.0	87	2.3	267	8
13/06/24 09:30	8	24	32	2	10.0	88	2.4	263	14
13/06/24 09:35	8	23	31	2	10.0	87	2.8	251	8
13/06/24 09:40	7	18	25	2	9.9	87	2.8	247	13
13/06/24 09:45	7	18	25	2	9.9	87	3.0	247	10
13/06/24 09:50	7	17	24	2	9.9	87	2.6	253	13
13/06/24 09:55	7	17	24	2	10.0	87	2.5	261	7
13/06/24 10:00	7	17	24	2	10.0	87	1.8	278	12
13/06/24 10:05	7	17	23	2	10.1	87	1.6	276	12
13/06/24 10:10	7	17	24	2	10.2	87	2.0	274	14
13/06/24 10:15	7	17	23	2	10.2	87	2.0	276	15
13/06/24 10:20	6	14	20	2	10.2	86	2.3	274	11
13/06/24 10:25	5	11	15	2	10.2	86	2.2	277	10
13/06/24 10:30	4	12	16	2	10.2	86	2.2	270	13
13/06/24 10:35	4	10	14	2	10.2	86	2.5	252	5
13/06/24 10:40	4	12	16	2	10.2	86	2.1	254	13
13/06/24 10:45	4	17	21	2	10.3	87	2.1	272	10
13/06/24 10:50	4	19	23	2	10.4	86	1.8	274	6
13/06/24 10:55	5	20	24	2	10.4	85	1.6	261	7
13/06/24 11:00	5	20	25	2	10.4	86	1.7	258	7
13/06/24 11:05	10	27	36	2	10.4	85	1.0	190	23
13/06/24 11:10	17	25	41	2	10.5	86	0.4	162	43
13/06/24 11:15	16	23	39	2	10.7	85	0.4	272	23
13/06/24 11:20	13	24	37	2	10.7	85	0.2	233	39
13/06/24 11:25	12	22	34	2	10.7	85	0.1	294	58
13/06/24 11:30	10	19	30	2	10.7	85	0.1	140	64
13/06/24 11:35	7	18	26	2	10.7	84	0.1	173	82
13/06/24 11:40	6	19	25	2	10.8	85	0.2	216	37
13/06/24 11:45	6	21	27	2	10.8	85	0.3	72	37
13/06/24 11:50	9	24	33	2	10.6	86	0.8	70	18
13/06/24 11:55	11	23	35	2	10.6	88	0.8	104	9
13/06/24 12:00	11	22	33	2	10.7	88	0.3	175	43
13/06/24 12:05	12	22	34	2	10.7	86	0.6	266	20
13/06/24 12:10	16	26	42	2	10.7	86	0.6	246	17
13/06/24 12:15	19	26	46	2	10.7	86	0.8	252	24
13/06/24 12:20	20	26	46	2	10.7	87	0.9	280	9
13/06/24 12:25	20	27	47	2	10.7	87	0.9	277	14
13/06/24 12:30	20	27	47	2	10.7	86	0.5	242	25
13/06/24 12:35	21	27	48	2	10.8	86	0.8	212	10
13/06/24 12:40	23	28	50	2	11.0	86	1.0	210	9
13/06/24 12:45	25	28	53	2	11.0	86	0.9	198	10
13/06/24 12:50	28	29	57	2	10.9	86	0.8	205	8
13/06/24 12:55	29	29	58	2	10.9	87	0.7	198	11
13/06/24 13:00	31	28	59	2	11.0	88	0.5	171	34

Station Pier Ambient Air Quality Monitoring

June 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/06/24 13:05	31	28	59	2	10.9	89	0.9	134	8
13/06/24 13:10	28	28	56	2	10.8	89	0.7	136	18
13/06/24 13:15	25	27	53	2	10.7	89	0.7	141	21
13/06/24 13:20	19	28	46	2	10.8	90	0.3	154	30
13/06/24 13:25	20	28	48	2	10.7	90	0.4	121	21
13/06/24 13:30	20	28	49	2	10.6	90	0.5	140	30
13/06/24 13:35	20	28	48	2	10.6	90	0.5	195	16
13/06/24 13:40	23	26	49	2	10.6	91	0.6	203	14
13/06/24 13:45	21	29	50	2	10.7	90	0.5	236	17
13/06/24 13:50	19	28	47	2	10.6	91	0.5	285	20
13/06/24 13:55	20	29	49	2	10.6	92	0.5	291	21
13/06/24 14:00	24	29	53	2	10.5	92	0.5	292	21
13/06/24 14:05	29	32	61	2	10.4	93	0.4	280	19
13/06/24 14:10	32	31	63	2	10.5	93	0.3	282	25
13/06/24 14:15	34	30	64	2	10.5	94	0.4	298	30
13/06/24 14:20	36	30	66	2	10.4	94	0.6	310	26
13/06/24 14:25	38	30	68	2	10.3	94	0.9	316	10
13/06/24 14:30	41	29	70	2	10.3	95	1.3	311	10
13/06/24 14:35	40	29	69	2	10.2	95	1.0	357	30
13/06/24 14:40	33	32	65	2	10.3	95	1.0	11	24
13/06/24 14:45	22	31	53	2	10.2	96	0.6	19	25
13/06/24 14:50	22	30	52	2	10.2	95	1.2	3	18
13/06/24 14:55	26	29	55	2	10.3	96	0.5	18	44
13/06/24 15:00	31	27	59	2	10.3	96	0.9	46	15
13/06/24 15:05	32	30	61	2	10.3	96	0.7	30	26
13/06/24 15:10	32	30	61	2	10.3	95	1.1	36	15
13/06/24 15:15	29	30	60	2	10.3	95	0.8	16	22
13/06/24 15:20	32	30	62	2	10.4	95	1.0	20	19
13/06/24 15:25	30	30	60	2	10.4	95	0.8	25	24
13/06/24 15:30	29	29	58	2	10.5	95	0.6	16	33
13/06/24 15:35	26	30	56	2	10.4	95	0.5	47	18
13/06/24 15:40	19	29	48	2	10.5	94	0.9	48	16
13/06/24 15:45	15	28	43	2	10.4	94	0.5	7	28
13/06/24 15:50	16	28	45	2	10.5	94	0.3	14	46
13/06/24 15:55	18	28	46	2	10.4	94	0.3	7	40
13/06/24 16:00	18	29	46	2	10.4	94	0.3	327	42
13/06/24 16:05	17	29	46	2	10.6	93	0.9	306	18
13/06/24 16:10	26	25	51	2	10.6	93	0.9	311	21
13/06/24 16:15	26	27	53	2	10.6	93	0.2	306	50
13/06/24 16:20	28	30	58	2	10.7	93	0.5	311	25
13/06/24 16:25	36	32	68	2	10.7	93	1.1	297	10
13/06/24 16:30	35	34	69	2	10.8	93	0.9	278	19
13/06/24 16:35	23	35	57	2	10.7	92	0.9	289	16
13/06/24 16:40	22	31	54	2	10.7	92	0.9	303	12
13/06/24 16:45	22	31	53	2	10.8	92	0.9	295	11
13/06/24 16:50	25	30	55	2	10.7	91	1.2	310	10
13/06/24 16:55	30	28	58	2	10.7	91	1.1	315	13
13/06/24 17:00	31	29	59	2	10.7	91	0.8	326	13
13/06/24 17:05	29	29	58	2	10.7	91	0.5	334	30
13/06/24 17:10	28	29	56	2	10.7	91	0.9	6	12
13/06/24 17:15	33	27	60	2	10.7	91	0.7	4	20
13/06/24 17:20	35	30	66	2	10.7	91	0.8	334	27
13/06/24 17:25	34	30	64	2	10.7	91	0.9	298	16
13/06/24 17:30	34	30	65	2	10.7	91	0.9	313	9
13/06/24 17:35	35	31	66	2	10.8	91	1.0	308	8
13/06/24 17:40	35	31	66	2	10.8	91	0.7	279	21
13/06/24 17:45	34	30	64	2	10.9	91	0.7	303	21
13/06/24 17:50	29	33	62	2	10.8	91	0.5	320	31
13/06/24 17:55	24	33	58	2	10.8	90	0.5	281	25
13/06/24 18:00	23	31	54	2	10.8	90	0.6	297	17
13/06/24 18:05	28	32	60	2	10.9	91	1.0	284	12
13/06/24 18:10	39	29	68	2	10.9	91	1.1	285	10
13/06/24 18:15	43	29	73	2	11.0	91	1.3	277	12
13/06/24 18:20	41	30	71	2	11.0	91	1.5	275	11
13/06/24 18:25	38	30	67	2	11.0	91	1.0	270	18
13/06/24 18:30	27	34	61	2	11.0	91	1.1	277	19
13/06/24 18:35	22	29	51	2	11.0	90	1.5	273	16
13/06/24 18:40	12	28	40	2	11.1	90	1.4	263	18
13/06/24 18:45	12	28	40	2	11.0	90	1.6	235	14
13/06/24 18:50	16	27	42	2	11.0	90	1.3	250	23
13/06/24 18:55	18	27	45	2	11.1	90	1.0	300	13
13/06/24 19:00	18	28	45	2	10.9	90	1.0	253	23
13/06/24 19:05	16	29	45	2	11.0	89	1.4	228	11
13/06/24 19:10	14	28	43	2	10.9	89	1.3	226	12
13/06/24 19:15	7	29	36	2	10.9	88	1.3	229	8
13/06/24 19:20	4	26	30	2	10.9	88	0.8	217	17
13/06/24 19:25	3	23	26	2	10.9	88	0.4	208	32
13/06/24 19:30	2	22	23	2	10.9	88	0.7	226	9
13/06/24 19:35	1	19	20	2	10.9	88	0.7	235	14
13/06/24 19:40	1	19	20	2	11.0	88	1.0	251	14
13/06/24 19:45	1	19	19	2	11.0	87	1.3	267	19
13/06/24 19:50	2	27	29	2	11.1	88	1.4	303	9
13/06/24 19:55	9	33	43	2	11.1	88	1.5	307	9
13/06/24 20:00	17	26	44	2	11.1	89	0.9	306	12
13/06/24 20:05	16	27	43	2	11.0	89	0.4	353	33
13/06/24 20:10	17	26	43	2	10.9	90	0.5	321	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/06/24 20:15	11	28	39	2	10.8	90	0.5	333	13
13/06/24 20:20	13	25	38	2	10.8	90	0.6	321	11
13/06/24 20:25	12	25	37	2	10.8	90	0.7	333	10
13/06/24 20:30	15	27	42	2	10.8	90	0.8	344	12
13/06/24 20:35	18	29	47	2	10.8	90	0.8	337	9
13/06/24 20:40	16	28	44	2	10.8	90	0.4	324	25
13/06/24 20:45	17	28	44	2	10.8	90	0.2	344	31
13/06/24 20:50	18	27	45	2	10.7	91	0.4	301	23
13/06/24 20:55	18	27	45	2	10.7	91	0.4	298	11
13/06/24 21:00	18	27	46	2	10.7	91	0.7	244	9
13/06/24 21:05	18	27	45	2	10.8	90	0.7	272	16
13/06/24 21:10	18	27	45	2	10.9	89	0.6	320	19
13/06/24 21:15	17	27	44	2	10.8	90	0.3	346	19
13/06/24 21:20	18	26	45	2	10.6	91	0.3	13	16
13/06/24 21:25	19	26	45	2	10.6	91	0.4	13	12
13/06/24 21:30	20	26	46	2	10.5	92	0.5	342	12
13/06/24 21:35	21	26	47	2	10.5	92	0.7	327	10
13/06/24 21:40	20	27	47	2	10.5	91	0.5	307	12
13/06/24 21:45	19	27	46	2	10.6	91	0.2	278	45
13/06/24 21:50	19	27	46	2	10.5	91	0.2	320	57
13/06/24 21:55	19	27	46	2	10.5	92	0.4	345	13
13/06/24 22:00	23	25	48	2	10.4	92	0.3	350	23
13/06/24 22:05	27	24	51	2	10.3	92	0.7	314	13
13/06/24 22:10	29	27	56	2	10.5	92	0.8	305	7
13/06/24 22:15	27	28	55	2	10.6	91	0.8	315	8
13/06/24 22:20	26	28	54	2	10.5	91	0.8	318	9
13/06/24 22:25	32	28	61	2	10.5	91	1.2	320	11
13/06/24 22:30	53	31	84	2	10.6	91	0.8	344	20
13/06/24 22:35	60	29	90	2	10.6	91	0.5	281	21
13/06/24 22:40	68	31	98	2	10.5	92	0.6	293	18
13/06/24 22:45	71	32	103	2	10.6	92	1.0	306	12
13/06/24 22:50	72	32	104	2	10.7	91	0.5	292	15
13/06/24 22:55	71	32	103	2	10.6	91	0.7	307	12
13/06/24 23:00	71	32	102	2	10.6	91	0.4	305	14
13/06/24 23:05	71	31	102	2	10.6	92	0.5	297	22
13/06/24 23:10	71	31	102	2	10.6	92	0.6	300	16
13/06/24 23:15	72	30	102	2	10.6	92	0.7	322	12
13/06/24 23:20	74	30	105	2	10.3	92	0.6	328	25
13/06/24 23:25	77	31	108	2	10.4	92	0.3	335	25
13/06/24 23:30	79	32	111	2	10.3	92	0.6	19	14
13/06/24 23:35	80	31	111	3	10.1	93	0.7	22	9
13/06/24 23:40	81	31	112	2	10.1	94	0.6	359	14
13/06/24 23:45	83	31	114	3	10.1	94	0.6	324	14
13/06/24 23:50	85	32	116		10.2	94	0.9	303	8
13/06/24 23:55	87	31	118		10.3	94	0.8	300	13
14/06/24 00:00	87	31	118	3	10.4	94	0.7	300	9
14/06/24 00:05	88	31	119	2	10.3	94	0.9	297	8
14/06/24 00:10	89	31	120	2	10.4	94	0.5	288	18
14/06/24 00:15	89	30	120	2	10.4	94	0.6	294	11
14/06/24 00:20	89	30	119	2	10.3	94	0.3	258	33
14/06/24 00:25	89	29	118	2	10.2	94	0.7	278	13
14/06/24 00:30	84	30	113	2	10.3	94	0.7	280	17
14/06/24 00:35	74	28	103	2	10.3	94	1.0	270	8
14/06/24 00:40	73	28	101	2	10.3	94	1.0	272	12
14/06/24 00:45	73	28	101	2	10.3	94	0.8	289	18
14/06/24 00:50	73	28	101	2	10.3	94	0.8	294	12
14/06/24 00:55	71	28	99	2	10.3	94	0.6	281	16
14/06/24 01:00	68	27	95	2	10.3	93	0.5	284	22
14/06/24 01:05					10.4	93	0.6	295	12
14/06/24 01:10					10.3	93	0.7	301	13
14/06/24 01:15					10.3	93	0.8	280	13
14/06/24 01:20					10.3	93	0.6	269	17
14/06/24 01:25					10.4	93	0.2	221	43
14/06/24 01:30					10.2	93	0.2	348	48
14/06/24 01:35					10.2	93	0.4	345	19
14/06/24 01:40					10.1	94	0.5	342	11
14/06/24 01:45					10.1	93	0.8	308	11
14/06/24 01:50					10.1	93	0.8	306	9
14/06/24 01:55					10.1	93	0.9	323	9
14/06/24 02:00					10.1	93	0.5	329	18
14/06/24 02:05	51	28	79	1	10.0	93	0.5	343	23
14/06/24 02:10	58	25	83	1	9.9	93	0.6	336	14
14/06/24 02:15	62	25	87	1	9.9	93	0.7	332	14
14/06/24 02:20	63	25	88	1	9.9	93	0.9	339	12
14/06/24 02:25	61	25	87	1	9.9	93	0.9	327	11
14/06/24 02:30	62	25	87	1	10.0	93	0.7	324	14
14/06/24 02:35	79	17	96	1	10.0	93	0.8	345	18
14/06/24 02:40	96	26	122	1	10.0	93	1.1	2	15
14/06/24 02:45	94	23	118	2	10.0	93	1.2	0	4
14/06/24 02:50	93	26	119	2	9.9	93	1.1	358	5
14/06/24 02:55	93	26	119	2	9.8	94	0.6	345	10
14/06/24 03:00	92	25	117	2	9.9	94	0.6	1	9
14/06/24 03:05	92	26	118	2	9.9	94	0.5	5	12
14/06/24 03:10	93	26	119	2	9.9	94	0.8	4	9
14/06/24 03:15	92	26	118	2	9.9	94	1.2	3	5
14/06/24 03:20	90	26	116	2	9.8	94	0.5	355	11

Station Pier Ambient Air Quality Monitoring

June 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/06/24 03:25	88	26	114	2	9.9	94	0.4	25	16
14/06/24 03:30	87	25	112	2	9.7	94	0.4	27	10
14/06/24 03:35	86	25	111	2	9.6	94	0.4	35	4
14/06/24 03:40	86	25	111	2	9.6	95	0.5	27	5
14/06/24 03:45	86	25	111	2	9.6	95	0.4	19	5
14/06/24 03:50	86	25	111	2	9.6	95	0.3	25	7
14/06/24 03:55	86	25	111	2	9.5	95	0.2	324	31
14/06/24 04:00	86	24	110	2	9.5	95	0.5	289	10
14/06/24 04:05	84	24	109	2	9.7	95	0.5	325	14
14/06/24 04:10	84	25	108	2	9.7	95	0.3	357	11
14/06/24 04:15	84	24	108	2	9.6	95	0.2	358	14
14/06/24 04:20	85	24	109	2	9.5	95	0.2	72	24
14/06/24 04:25	85	24	110	2	9.5	95	0.2	108	15
14/06/24 04:30	85	25	110	2	9.5	95	0.3	113	17
14/06/24 04:35	84	25	109	2	9.5	96	0.6	106	11
14/06/24 04:40	81	25	106	2	9.6	96	0.6	81	10
14/06/24 04:45	77	24	102	2	9.6	96	0.2	28	36
14/06/24 04:50	72	23	95	2	9.6	96	0.4	323	18
14/06/24 04:55	71	23	93	2	9.6	96	0.4	334	18
14/06/24 05:00	71	23	93	2	9.7	96	0.5	323	11
14/06/24 05:05	72	23	95	2	9.6	96	0.5	308	9
14/06/24 05:10	72	24	95	2	9.7	96	0.7	307	6
14/06/24 05:15	73	24	97	2	9.7	95	0.7	315	6
14/06/24 05:20	96	35	131	2	9.7	95	1.2	315	6
14/06/24 05:25	99	28	127	2	9.6	94	1.5	312	8
14/06/24 05:30	99	23	121	2	9.7	94	2.3	312	6
14/06/24 05:35	83	23	107	2	9.6	94	2.2	312	8
14/06/24 05:40	79	23	102	2	9.6	94	1.3	307	15
14/06/24 05:45	77	21	98	2	9.6	94	0.8	290	18
14/06/24 05:50	75	22	97	2	9.7	94	0.8	292	9
14/06/24 05:55	69	23	93	2	9.6	94	0.5	290	19
14/06/24 06:00	61	24	85	2	9.7	94	0.5	299	20
14/06/24 06:05	61	23	83	2	9.6	94	0.3	346	37
14/06/24 06:10	64	23	87	2	9.4	94	0.3	40	14
14/06/24 06:15	65	22	88	2	9.4	94	0.2	296	22
14/06/24 06:20	66	22	88	2	9.4	94	0.2	294	25
14/06/24 06:25	67	22	88	2	9.4	95	0.5	304	21
14/06/24 06:30	67	21	89	2	9.4	94	0.4	10	45
14/06/24 06:35	68	21	90	2	9.4	94	0.5	46	8
14/06/24 06:40	69	22	91	2	9.4	94	0.8	38	13
14/06/24 06:45	69	22	91	2	9.4	94	0.7	326	19
14/06/24 06:50	69	22	91	2	9.4	94	0.3	326	35
14/06/24 06:55	69	22	91	2	9.4	94	0.4	84	10
14/06/24 07:00	69	22	91	2	9.3	94	0.4	84	8
14/06/24 07:05	71	22	93	2	9.4	94	0.2	182	52
14/06/24 07:10	72	23	95	2	9.3	94	0.7	84	19
14/06/24 07:15	77	30	107	2	9.4	94	0.7	103	25
14/06/24 07:20	17	25	42	2	9.3	95	1.3	125	20
14/06/24 07:25	13	23	36	2	9.5	95	2.0	111	10
14/06/24 07:30	16	21	37	2	9.4	95	2.6	103	6
14/06/24 07:35	27	17	44	2	9.4	94	2.6	102	5
14/06/24 07:40	41	19	61	2	9.3	95	1.9	96	7
14/06/24 07:45	50	24	74	2	9.3	95	0.7	77	15
14/06/24 07:50	54	20	74	2	9.1	95	1.1	71	13
14/06/24 07:55	63	36	99	2	9.2	95	1.4	88	11
14/06/24 08:00	52	28	80	2	9.3	94	1.9	95	5
14/06/24 08:05	58	26	85	2	9.3	94	1.7	92	10
14/06/24 08:10	50	25	76	2	9.4	94	2.0	101	5
14/06/24 08:15	51	27	78	2	9.5	94	1.6	91	10
14/06/24 08:20	54	29	83	2	9.6	93	1.6	71	16
14/06/24 08:25	49	23	73	2	9.6	93	1.2	66	18
14/06/24 08:30	47	24	71	2	9.6	93	0.9	56	33
14/06/24 08:35	49	25	74	2	9.6	93	1.3	43	16
14/06/24 08:40	51	23	73	2	9.6	93	1.1	44	17
14/06/24 08:45	50	21	71	2	9.6	93	1.2	57	20
14/06/24 08:50	40	22	62	2	9.7	92	1.0	57	14
14/06/24 08:55	39	22	62	2	9.7	92	0.8	57	18
14/06/24 09:00	40	23	63	2	9.8	92	0.9	60	10
14/06/24 09:05	40	23	63	2	9.8	91	0.6	38	18
14/06/24 09:10	40	24	64	2	9.9	91	0.8	44	14
14/06/24 09:15	38	24	62	2	10.0	90	0.8	51	18
14/06/24 09:20	37	22	59	2	10.1	90	0.6	44	16
14/06/24 09:25	38	22	59	2	10.1	90	0.7	69	27
14/06/24 09:30	36	21	57	2	10.2	89	0.9	44	14
14/06/24 09:35	35	21	56	2	10.2	89	0.9	53	12
14/06/24 09:40	33	20	53	2	10.3	89	0.9	52	13
14/06/24 09:45	29	20	50	2	10.2	88	0.8	26	21
14/06/24 09:50	28	21	49	2	10.3	87	1.1	355	33
14/06/24 09:55	29	22	50	2	10.5	86	1.0	9	23
14/06/24 10:00	33	23	56	2	10.6	86	0.3	352	54
14/06/24 10:05	35	23	58	2	10.7	85	0.9	53	25
14/06/24 10:10	29	21	50	2	10.8	85	1.0	8	24
14/06/24 10:15	23	19	42	1	10.8	83	1.1	338	23
14/06/24 10:20	19	19	38	1	10.7	82	0.9	3	28
14/06/24 10:25	18	19	37	1	10.8	83	0.6	341	43
14/06/24 10:30	18	19	37	1	10.8	81	0.5	345	50

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/06/24 10:35	17	19	35	1	10.9	81	0.8	288	19
14/06/24 10:40	16	17	33	1	10.9	81	0.4	340	49
14/06/24 10:45	15	18	33	1	11.0	80	0.3	3	49
14/06/24 10:50	15	18	33	1	11.2	80	0.5	306	46
14/06/24 10:55	15	18	33	1	11.1	78	1.2	306	20
14/06/24 11:00	16	19	35	1	11.1	79	1.1	295	12
14/06/24 11:05	17	20	37	1	11.0	80	0.5	249	45
14/06/24 11:10	19	23	42	1	11.4	81	0.5	211	23
14/06/24 11:15	20	25	45	1	11.5	79	0.6	159	36
14/06/24 11:20	21	19	40	1	11.6	79	0.8	151	26
14/06/24 11:25	25	22	47	1	11.6	79	0.8	140	19
14/06/24 11:30	27	21	48	1	11.6	79	0.7	150	27
14/06/24 11:35	20	19	39	1	11.7	79	0.8	165	27
14/06/24 11:40	18	19	37	1	11.8	79	0.8	160	26
14/06/24 11:45	17	18	35	1	11.8	79	1.1	156	28
14/06/24 11:50	17	18	35	1	11.7	78	1.4	138	21
14/06/24 11:55	20	18	37	1	11.6	79	1.0	156	28
14/06/24 12:00	20	18	38	1	11.8	79	0.8	159	30
14/06/24 12:05	17	16	33	1	11.8	77	0.8	157	24
14/06/24 12:10	16	17	33	1	11.9	78	1.0	160	22
14/06/24 12:15	13	17	30	1	11.9	78	0.9	169	20
14/06/24 12:20	13	16	29	1	11.9	77	1.0	167	16
14/06/24 12:25	13	16	28	1	11.9	77	1.2	172	15
14/06/24 12:30	12	16	28	1	12.0	77	1.1	172	19
14/06/24 12:35	12	16	28	1	12.0	76	1.2	168	18
14/06/24 12:40	12	16	28	1	12.0	77	1.0	174	20
14/06/24 12:45	13	16	29	1	12.1	77	1.0	169	20
14/06/24 12:50	13	16	29	1	12.2	77	1.6	177	19
14/06/24 12:55	13	16	28	1	12.1	78	1.4	178	18
14/06/24 13:00	13	16	29	1	12.1	77	1.8	169	20
14/06/24 13:05	14	16	30	1	12.1	78	1.4	172	25
14/06/24 13:10	14	16	30	1	12.1	80	2.0	168	19
14/06/24 13:15	16	16	31	1	12.0	81	1.7	176	24
14/06/24 13:20	17	16	33	1	11.9	82	1.8	174	20
14/06/24 13:25	18	17	35	1	11.9	82	1.4	161	28
14/06/24 13:30	18	17	35	1	11.9	81	1.4	167	25
14/06/24 13:35	19	17	36	1	12.1	82	1.7	169	19
14/06/24 13:40	20	20	40	1	12.0	82	1.4	169	28
14/06/24 13:45	21	21	42	1	12.1	82	1.3	168	34
14/06/24 13:50	21	20	41	1	12.1	81	1.3	164	31
14/06/24 13:55	21	19	40	1	12.1	82	1.7	154	27
14/06/24 14:00	20	18	38	1	12.0	82	1.4	151	28
14/06/24 14:05	20	18	38	1	12.1	82	1.2	163	34
14/06/24 14:10	20	18	37	1	12.2	82	1.1	164	30
14/06/24 14:15	19	18	37	1	12.4	81	1.2	165	32
14/06/24 14:20	20	18	37	1	12.3	80	1.1	160	27
14/06/24 14:25	22	18	41	1	12.4	80	1.4	165	24
14/06/24 14:30	23	20	43	1	12.5	79	1.3	162	30
14/06/24 14:35	22	19	41	1	12.5	80	1.5	165	24
14/06/24 14:40	22	18	40	1	12.5	80	1.1	162	29
14/06/24 14:45	21	19	40	1	12.4	80	1.5	166	24
14/06/24 14:50	21	19	40	1	12.3	81	1.2	156	32
14/06/24 14:55	21	19	40	1	12.4	81	1.2	161	30
14/06/24 15:00	21	19	41	1	12.3	81	1.1	167	38
14/06/24 15:05	21	19	41	1	12.3	79	1.6	149	22
14/06/24 15:10	21	19	40	1	12.3	78	0.9	165	28
14/06/24 15:15	19	19	38	1	12.4	80	1.3	171	20
14/06/24 15:20	18	19	37	0	12.5	80	1.7	171	21
14/06/24 15:25	17	19	36	0	12.3	80	1.6	170	22
14/06/24 15:30	16	19	36	0	12.4	81	1.7	172	16
14/06/24 15:35	15	19	35	0	12.4	81	1.4	174	22
14/06/24 15:40	15	19	34	1	12.3	80	1.1	169	27
14/06/24 15:45	16	19	35	1	12.3	80	1.1	152	26
14/06/24 15:50	17	20	37	1	12.3	81	1.1	166	26
14/06/24 15:55	17	21	37	0	12.4	81	1.1	170	24
14/06/24 16:00	17	20	37	0	12.4	79	0.5	138	28
14/06/24 16:05	17	21	38	0	12.4	78	0.4	315	45
14/06/24 16:10	17	20	37	0	12.3	78	1.0	305	14
14/06/24 16:15	16	20	36	1	12.4	80	0.8	261	17
14/06/24 16:20	15	20	35	0	12.4	81	0.9	216	14
14/06/24 16:25	14	20	35	1	12.3	79	0.9	199	14
14/06/24 16:30	14	21	35	1	12.4	79	1.0	205	17
14/06/24 16:35	14	21	35	1	12.4	79	1.0	222	6
14/06/24 16:40	14	21	35	1	12.4	80	0.8	215	8
14/06/24 16:45	14	21	35	1	12.5	78	0.6	236	7
14/06/24 16:50	14	22	35	0	12.3	78	0.4	250	13
14/06/24 16:55	14	21	35	0	12.3	79	0.4	263	14
14/06/24 17:00	14	21	35	1	12.2	79	0.2	273	29
14/06/24 17:05	13	22	35	0	12.2	80	0.4	306	11
14/06/24 17:10	13	22	35	0	12.1	81	0.2	286	18
14/06/24 17:15	13	22	35	1	12.1	81	0.4	274	11
14/06/24 17:20	13	22	35	1	12.0	81	0.3	266	12
14/06/24 17:25	13	22	34	0	12.0	82	0.4	269	16
14/06/24 17:30	13	22	34	0	11.9	83	0.4	274	12
14/06/24 17:35	13	21	35	1	11.9	83	0.2	269	29
14/06/24 17:40	14	21	35	1	11.9	83	0.3	221	18

Station Pier Ambient Air Quality Monitoring

June 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/06/24 17:45	15	21	36	0	11.9	86	1.1	227	14
14/06/24 17:50	17	22	39	1	12.1	84	1.5	222	3
14/06/24 17:55	24	22	46	0	12.2	83	1.4	226	2
14/06/24 18:00	26	24	51	1	12.2	81	1.1	228	3
14/06/24 18:05	26	24	50	0	12.4	82	1.1	230	3
14/06/24 18:10	27	24	51	0	12.4	82	1.7	228	3
14/06/24 18:15	77	20	97	0	12.3	83	1.7	233	3
14/06/24 18:20	61	29	90	1	12.2	84	1.3	232	5
14/06/24 18:25	24	23	47	1	12.3	85	1.7	209	7
14/06/24 18:30	26	24	49	1	12.2	85	1.3	209	6
14/06/24 18:35	20	25	45	1	12.2	85	1.3	211	4
14/06/24 18:40	17	25	42	1	12.2	85	1.4	209	5
14/06/24 18:45	18	24	42	1	12.2	86	0.9	198	11
14/06/24 18:50	19	24	43	1	12.1	84	1.3	193	11
14/06/24 18:55	17	24	41	1	12.1	84	1.5	191	7
14/06/24 19:00	12	24	36	1	12.0	84	1.5	191	7
14/06/24 19:05	11	24	35	1	12.1	83	1.1	184	12
14/06/24 19:10	13	23	36	1	12.1	83	1.1	185	14
14/06/24 19:15	14	23	37	1	12.2	83	1.1	184	19
14/06/24 19:20	14	23	37	1	12.2	84	1.1	182	22
14/06/24 19:25	14	23	37	0	12.2	84	1.2	184	21
14/06/24 19:30	13	23	36	0	12.2	83	1.4	182	23
14/06/24 19:35	14	23	37	0	12.3	83	1.4	185	15
14/06/24 19:40	14	23	37	1	12.3	83	1.0	178	22
14/06/24 19:45	14	23	36	0	12.2	82	0.9	186	19
14/06/24 19:50	12	23	35	0	12.3	82	1.0	184	18
14/06/24 19:55	11	23	34	0	12.2	81	1.0	185	19
14/06/24 20:00	9	22	30	0	12.2	79	1.1	191	13
14/06/24 20:05	2	22	24	0	12.2	78	1.1	191	10
14/06/24 20:10	0	20	21	0	12.2	75	0.8	174	23
14/06/24 20:15	0	19	20	0	12.2	75	0.6	174	25
14/06/24 20:20	0	18	18	0	12.2	75	0.6	168	33
14/06/24 20:25	0	18	18	0	12.2	76	0.7	149	29
14/06/24 20:30	0	19	19	0	12.1	77	0.5	167	34
14/06/24 20:35	0	19	20	0	12.0	78	0.5	167	28
14/06/24 20:40	0	20	20	0	12.0	79	0.6	166	30
14/06/24 20:45	0	20	21	0	12.0	79	0.7	139	23
14/06/24 20:50	13	21	34	0	11.9	80	0.4	164	33
14/06/24 20:55	43	19	62	0	11.6	81	0.5	58	16
14/06/24 21:00	48	22	70	1	11.5	81	0.5	40	11
14/06/24 21:05	41	20	62	0	11.3	82	0.5	67	11
14/06/24 21:10	49	22	71	1	11.3	83	0.7	69	11
14/06/24 21:15	46	25	71	1	11.3	84	0.8	65	8
14/06/24 21:20	47	25	72	1	11.2	84	0.7	78	9
14/06/24 21:25	53	24	76	1	11.0	85	0.6	73	10
14/06/24 21:30	41	25	66	1	11.0	86	0.8	84	6
14/06/24 21:35	41	26	67	1	10.9	86	0.8	89	9
14/06/24 21:40	42	24	66	1	10.9	87	0.7	84	9
14/06/24 21:45	41	24	65	1	10.7	87	0.8	87	9
14/06/24 21:50	41	24	65	1	10.7	87	0.5	70	12
14/06/24 21:55	39	26	65	1	10.7	87	0.5	106	16
14/06/24 22:00	44	24	68	1	10.7	87	0.6	108	10
14/06/24 22:05	49	26	75	1	10.7	87	1.0	123	10
14/06/24 22:10	53	23	76	1	10.6	88	0.9	125	17
14/06/24 22:15	53	26	79	1	10.6	90	1.5	114	6
14/06/24 22:20	53	25	79	1	10.6	90	1.6	110	6
14/06/24 22:25	53	25	79	1	10.4	89	1.4	112	7
14/06/24 22:30	54	25	79	1	10.4	90	1.1	116	8
14/06/24 22:35	56	25	81	1	10.4	90	0.7	113	10
14/06/24 22:40	74	19	93	1	10.3	90	0.7	116	10
14/06/24 22:45	64	25	89	1	10.3	91	0.9	123	7
14/06/24 22:50	58	23	81	1	10.2	91	0.9	115	10
14/06/24 22:55	55	25	80	1	10.2	91	1.3	106	8
14/06/24 23:00	58	24	82	1	10.3	91	1.8	109	6
14/06/24 23:05	59	23	82	1	10.2	91	1.8	110	5
14/06/24 23:10	56	23	79	1	10.2	91	1.5	96	10
14/06/24 23:15	54	23	77	1	10.3	91	1.4	81	12
14/06/24 23:20	47	23	70	1	10.4	91	1.5	104	10
14/06/24 23:25	43	25	68	1	10.4	91	1.4	121	13
14/06/24 23:30	44	25	69	1	10.4	91	1.6	117	10
14/06/24 23:35	45	25	70	1	10.4	91	1.6	105	7
14/06/24 23:40	47	26	73	1	10.1	92	2.0	104	7
14/06/24 23:45	47	25	72	1	10.1	92	2.1	99	4
14/06/24 23:50	48	24	72		10.0	92	1.5	92	10
14/06/24 23:55	49	24	73		10.1	92	1.6	100	7
15/06/24 00:00	50	24	73	1	10.0	92	1.3	90	12
15/06/24 00:05	51	24	74	1	10.0	92	1.1	101	10
15/06/24 00:10	52	23	75	1	10.0	92	1.0	101	7
15/06/24 00:15	53	23	77	1	9.9	92	1.3	97	9
15/06/24 00:20	54	23	77	1	9.8	92	1.2	94	7
15/06/24 00:25	54	23	77	1	9.7	92	1.1	103	9
15/06/24 00:30	55	22	77	1	9.6	93	0.9	105	10
15/06/24 00:35	56	22	77	1	9.5	93	0.6	81	32
15/06/24 00:40	58	21	79	1	9.3	93	0.7	46	15
15/06/24 00:45	92	8	100	1	9.2	94	0.6	52	29
15/06/24 00:50	122	27	149	1	9.2	94	0.5	37	19

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/06/24 00:55	127	32	159	2	9.0	94	0.8	31	11
15/06/24 01:00	160	25	185	2	8.8	94	0.9	12	18
15/06/24 01:05					8.8	95	0.4	17	30
15/06/24 01:10					8.7	95	0.8	354	10
15/06/24 01:15					8.7	95	0.5	350	17
15/06/24 01:20					8.5	95	0.4	13	13
15/06/24 01:25					8.5	95	0.2	14	43
15/06/24 01:30					8.4	95	0.1	47	58
15/06/24 01:35					8.3	95	0.5	78	33
15/06/24 01:40					8.5	96	0.9	86	19
15/06/24 01:45					8.7	96	1.7	93	6
15/06/24 01:50					8.9	96	1.9	88	8
15/06/24 01:55					9.0	95	1.7	81	10
15/06/24 02:00					9.0	94	1.1	83	12
15/06/24 02:05	13	20	33	1	8.9	94	1.4	95	9
15/06/24 02:10	9	20	29	1	8.9	95	1.6	103	8
15/06/24 02:15	9	20	29	1	8.9	95	1.6	100	7
15/06/24 02:20	6	18	24	1	8.9	96	1.8	105	6
15/06/24 02:25	1	16	17	1	9.1	95	1.5	98	8
15/06/24 02:30	1	16	17	0	8.9	95	1.2	93	6
15/06/24 02:35	2	24	27	0	8.6	94	1.0	81	9
15/06/24 02:40	74	33	107	1	8.3	94	0.9	39	19
15/06/24 02:45	134	24	158	1	8.0	94	0.9	16	13
15/06/24 02:50	137	26	163	1	7.9	95	0.8	343	21
15/06/24 02:55	147	25	172	1	7.7	95	0.5	3	26
15/06/24 03:00	149	25	174	1	7.6	95	0.7	353	19
15/06/24 03:05	141	23	164	1	7.6	95	0.8	18	19
15/06/24 03:10	134	25	159	1	7.6	95	0.7	342	19
15/06/24 03:15	130	26	156	1	7.7	95	0.5	353	23
15/06/24 03:20	128	24	152	1	7.5	95	0.5	357	28
15/06/24 03:25	128	22	150	1	7.3	95	0.4	1	16
15/06/24 03:30	129	22	150	2	7.3	95	0.9	3	9
15/06/24 03:35	128	22	150	2	7.3	95	0.8	14	9
15/06/24 03:40	127	22	149	1	7.2	95	0.8	12	10
15/06/24 03:45	126	22	147	1	7.1	95	0.6	1	14
15/06/24 03:50	122	21	143	1	7.2	96	0.7	355	8
15/06/24 03:55	118	20	137	1	7.2	96	0.5	354	10
15/06/24 04:00	112	18	130	1	7.2	96	0.8	353	15
15/06/24 04:05	104	22	126	1	7.2	96	0.8	349	12
15/06/24 04:10	99	24	123	1	7.2	96	0.6	345	19
15/06/24 04:15	99	21	120	1	7.2	96	1.0	345	22
15/06/24 04:20	99	20	119	1	7.0	95	0.8	350	19
15/06/24 04:25	99	20	118	1	7.0	96	1.0	346	19
15/06/24 04:30	99	20	118	1	6.8	95	0.9	358	17
15/06/24 04:35	99	20	119	1	6.8	96	1.2	355	26
15/06/24 04:40	99	20	118	1	6.8	95	1.1	354	30
15/06/24 04:45	96	19	115	1	6.8	96	1.0	351	13
15/06/24 04:50	92	16	109	1	6.8	96	0.8	354	23
15/06/24 04:55	87	17	103	1	6.8	96	0.8	354	24
15/06/24 05:00	84	18	101	1	6.8	96	0.8	352	19
15/06/24 05:05	82	18	100	1	6.9	96	0.5	349	29
15/06/24 05:10	82	18	100	1	6.8	95	1.0	339	11
15/06/24 05:15	83	18	101	1	6.7	95	1.1	346	15
15/06/24 05:20	83	18	101	1	6.6	95	1.5	352	13
15/06/24 05:25	81	18	99	1	6.5	95	1.5	351	9
15/06/24 05:30	76	18	94	1	6.4	95	1.8	354	12
15/06/24 05:35	69	17	86	1	6.5	96	1.4	359	14
15/06/24 05:40	67	17	84	1	6.4	95	1.3	3	12
15/06/24 05:45	68	17	85	1	6.2	96	1.7	6	10
15/06/24 05:50	71	18	90	1	6.2	96	1.6	12	7
15/06/24 05:55	76	21	97	1	6.2	96	1.6	15	8
15/06/24 06:00	88	17	104	1	6.1	96	1.3	9	13
15/06/24 06:05	95	18	113	1	6.3	96	1.5	353	13
15/06/24 06:10	100	19	120	1	6.5	96	1.7	350	10
15/06/24 06:15	101	20	120	1	6.5	96	1.6	349	12
15/06/24 06:20	101	20	122	1	6.5	95	1.2	358	19
15/06/24 06:25	102	21	123	1	6.5	96	1.6	349	11
15/06/24 06:30	101	21	122	1	6.6	95	1.0	348	13
15/06/24 06:35	101	21	122	1	6.4	95	1.1	358	15
15/06/24 06:40	100	21	121	1	6.4	96	1.5	351	16
15/06/24 06:45	100	21	121	1	6.4	96	1.1	2	26
15/06/24 06:50	100	21	122	1	6.4	96	1.2	0	18
15/06/24 06:55	98	21	119	1	6.4	96	1.6	355	10
15/06/24 07:00	95	21	116	1	6.4	96	1.8	348	12
15/06/24 07:05	90	22	112	1	6.5	96	1.4	350	15
15/06/24 07:10	88	21	109	1	6.4	96	0.9	340	24
15/06/24 07:15	84	22	106	1	6.5	96	0.7	293	17
15/06/24 07:20	83	21	104	1	6.6	97	0.8	317	19
15/06/24 07:25	81	20	101	1	6.6	97	0.8	345	19
15/06/24 07:30	82	20	102	1	6.4	96	0.3	338	35
15/06/24 07:35	86	18	104	1	6.3	96	0.9	5	13
15/06/24 07:40	87	18	105	1	6.2	96	1.1	354	14
15/06/24 07:45	89	19	107	1	6.2	97	0.9	352	17
15/06/24 07:50	92	21	113	1	6.2	96	1.1	3	15
15/06/24 07:55	93	21	114	1	6.2	97	1.0	351	20
15/06/24 08:00	90	20	111	1	6.5	97	0.5	341	33

Station Pier Ambient Air Quality Monitoring

June 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/06/24 08:05	93	20	113	1	6.5	97	0.4	319	16
15/06/24 08:10	101	26	127	1	6.7	97	0.8	314	9
15/06/24 08:15	120	22	142	1	7.1	96	0.5	305	14
15/06/24 08:20	128	29	157	1	7.2	93	0.4	214	35
15/06/24 08:25	136	27	163	1	7.8	95	0.7	216	17
15/06/24 08:30	144	24	167	1	7.8	91	0.4	33	20
15/06/24 08:35	146	22	169	1	7.6	90	0.4	49	28
15/06/24 08:40	144	24	168	1	7.9	90	0.5	154	16
15/06/24 08:45	140	26	165	2	8.5	90	0.6	172	19
15/06/24 08:50	120	27	147	1	9.1	88	0.4	99	32
15/06/24 08:55	115	23	137	1	9.2	86	0.6	86	14
15/06/24 09:00	102	29	130	1	9.4	85	1.0	105	13
15/06/24 09:05	70	25	95	1	9.7	85	1.0	107	11
15/06/24 09:10	61	22	83	1	10.0	85	0.3	122	53
15/06/24 09:15	43	21	65	1	10.5	84	0.5	135	35
15/06/24 09:20	38	24	62	1	10.9	81	0.3	90	50
15/06/24 09:25	45	24	69	1	11.3	79	0.2	98	45
15/06/24 09:30	43	22	65	1	11.6	77	0.9	115	17
15/06/24 09:35	31	22	53	1	11.5	78	1.1	112	12
15/06/24 09:40	28	22	50	1	11.4	78	1.4	103	12
15/06/24 09:45	29	21	51	1	11.4	80	1.6	100	9
15/06/24 09:50	29	21	51	1	11.4	80	1.3	102	10
15/06/24 09:55	28	19	47	1	11.6	80	1.3	101	14
15/06/24 10:00	20	17	37	1	11.8	79	2.0	103	20
15/06/24 10:05	11	15	26	1	12.1	82	3.5	118	14
15/06/24 10:10	4	9	14	0	12.3	80	2.7	121	22
15/06/24 10:15	4	9	12	0	12.3	79	3.6	122	18
15/06/24 10:20	3	8	11	0	12.4	79	3.0	119	20
15/06/24 10:25	3	8	11	0	12.3	78	4.3	128	16
15/06/24 10:30	3	8	11	1	12.2	79	5.0	133	13
15/06/24 10:35	3	7	10	1	12.1	79	4.4	131	16
15/06/24 10:40	3	7	10	1	12.1	79	5.3	133	10
15/06/24 10:45	3	7	10	1	12.1	79	3.8	129	16
15/06/24 10:50	3	7	9	1	12.3	78	3.8	130	13
15/06/24 10:55	3	6	9	0	12.5	78	2.8	121	21
15/06/24 11:00	2	6	8	0	12.6	77	4.3	133	14
15/06/24 11:05	2	5	8	0	12.5	77	3.6	128	15
15/06/24 11:10	2	5	7	0	12.7	77	2.8	122	23
15/06/24 11:15	2	5	7	1	12.9	75	3.0	128	19
15/06/24 11:20	2	5	6	1	12.9	75	3.2	126	16
15/06/24 11:25	2	4	6	0	12.8	74	3.7	129	13
15/06/24 11:30	2	4	6	0	12.8	74	4.5	129	13
15/06/24 11:35	2	4	6	0	12.7	74	4.6	132	13
15/06/24 11:40	2	4	6	0	12.8	75	4.4	131	16
15/06/24 11:45	2	4	6	0	12.7	75	4.2	127	17
15/06/24 11:50	2	4	6	0	13.0	74	3.5	125	14
15/06/24 11:55	2	4	6	0	13.0	75	4.6	133	13
15/06/24 12:00	2	4	6	0	12.9	73	4.7	126	15
15/06/24 12:05	2	4	6	0	12.9	73	4.7	126	12
15/06/24 12:10	2	4	5	0	12.9	72	4.3	127	15
15/06/24 12:15	2	4	5	0	13.1	72	3.6	120	16
15/06/24 12:20	2	4	6	1	13.3	71	4.5	135	15
15/06/24 12:25	2	4	6	0	13.3	72	5.1	134	11
15/06/24 12:30	2	4	6	1	13.2	72	5.3	135	11
15/06/24 12:35	2	4	6	1	13.3	72	3.9	125	16
15/06/24 12:40	2	4	6	1	13.6	70	4.4	117	10
15/06/24 12:45	2	4	6	1	13.7	69	4.4	115	8
15/06/24 12:50	2	5	7	1	13.9	69	4.0	124	13
15/06/24 12:55	2	5	7	1	14.0	69	2.7	125	18
15/06/24 13:00	2	6	8	1	14.1	69	3.2	133	15
15/06/24 13:05	2	6	8	1	13.8	67	3.4	127	20
15/06/24 13:10	2	5	7	1	13.8	68	4.3	119	9
15/06/24 13:15	2	5	7	1	14.0	68	4.4	114	8
15/06/24 13:20	2	5	7	2	14.2	68	2.3	143	30
15/06/24 13:25	2	5	7	2	14.5	67	2.3	155	26
15/06/24 13:30	2	5	6	2	14.6	66	3.4	149	21
15/06/24 13:35	1	4	6	2	14.4	63	3.8	146	17
15/06/24 13:40	1	4	6	2	14.3	63	6.2	138	10
15/06/24 13:45	1	4	6	2	13.9	66	2.9	157	24
15/06/24 13:50	1	4	5	2	13.8	73	2.6	168	24
15/06/24 13:55	1	3	4	2	14.0	73	1.8	167	27
15/06/24 14:00	1	3	4	2	14.2	71	2.4	168	20
15/06/24 14:05	1	3	3	2	14.5	68	1.7	165	30
15/06/24 14:10	1	3	3	2	14.9	66	2.7	166	24
15/06/24 14:15	0	3	3	1	14.5	68	3.6	172	16
15/06/24 14:20	0	3	3	1	14.2	70	3.2	173	16
15/06/24 14:25	0	2	3	1	14.3	69	2.9	175	19
15/06/24 14:30	0	2	3	1	14.6	68	2.9	177	18
15/06/24 14:35	1	2	3	1	14.6	69	2.7	171	22
15/06/24 14:40	0	2	3	1	14.2	70	3.0	173	18
15/06/24 14:45	0	2	3	1	14.0	71	2.7	170	23
15/06/24 14:50	0	2	3	1	14.1	72	2.0	168	28
15/06/24 14:55	0	2	3	1	14.4	69	2.6	165	23
15/06/24 15:00	0	3	3	1	14.6	67	2.6	186	14
15/06/24 15:05	0	3	3	1	14.4	68	3.3	193	10
15/06/24 15:10	0	2	3	1	14.1	70	3.5	192	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/06/24 15:15	0	2	2	1	13.9	73	3.8	187	13
15/06/24 15:20	0	2	2	1	13.6	76	3.7	190	11
15/06/24 15:25	0	2	2	1	13.5	76	3.5	185	12
15/06/24 15:30	0	2	2	1	13.6	76	3.3	179	17
15/06/24 15:35	0	2	2	1	13.9	75	3.6	176	19
15/06/24 15:40	0	1	2	1	14.1	72	3.7	180	17
15/06/24 15:45	0	1	2	0	14.2	71	3.4	174	19
15/06/24 15:50	0	1	2	0	14.3	71	3.8	171	21
15/06/24 15:55	0	1	1	0	14.2	72	3.8	171	18
15/06/24 16:00	0	1	1	1	14.2	73	3.5	174	20
15/06/24 16:05	0	1	1	1	14.0	72	2.9	168	31
15/06/24 16:10	0	1	1	1	14.0	72	3.1	165	30
15/06/24 16:15	0	1	1	1	14.0	72	2.6	163	33
15/06/24 16:20	0	1	1	1	14.0	71	3.5	168	19
15/06/24 16:25	0	1	1	1	13.9	72	4.1	168	19
15/06/24 16:30	0	1	1	1	13.8	72	4.3	167	17
15/06/24 16:35	0	1	1	1	13.6	73	3.0	163	26
15/06/24 16:40	0	1	1	1	13.5	75	2.9	166	27
15/06/24 16:45	0	1	1	0	13.3	75	2.9	157	27
15/06/24 16:50	0	1	1	0	13.2	75	3.0	156	26
15/06/24 16:55	0	1	1	0	13.1	76	3.0	156	28
15/06/24 17:00	0	1	1	0	13.0	75	2.9	159	29
15/06/24 17:05	0	1	1	0	13.0	76	3.4	153	24
15/06/24 17:10	0	1	1	0	13.0	77	3.1	161	27
15/06/24 17:15	0	1	1	0	12.9	77	2.6	165	32
15/06/24 17:20	0	1	1	0	12.9	79	2.4	159	32
15/06/24 17:25	0	1	1	0	12.9	76	3.8	154	22
15/06/24 17:30	0	1	1	0	12.8	75	4.9	146	15
15/06/24 17:35	0	1	1	0	12.8	75	3.9	152	22
15/06/24 17:40	0	2	1	0	12.9	74	4.1	151	20
15/06/24 17:45	0	2	2	0	12.7	74	5.0	144	14
15/06/24 17:50	0	2	2	0	12.7	74	5.5	140	12
15/06/24 17:55	0	2	2	0	12.6	74	5.3	139	13
15/06/24 18:00	0	2	2	0	12.5	76	4.5	146	18
15/06/24 18:05	0	2	2	0	12.5	76	5.4	140	10
15/06/24 18:10	0	2	2	0	12.5	76	5.2	139	10
15/06/24 18:15	0	2	2	0	12.5	76	5.0	139	14
15/06/24 18:20	0	2	2	0	12.5	77	5.1	137	10
15/06/24 18:25	0	2	2	0	12.5	78	4.8	136	12
15/06/24 18:30	0	2	2	0	12.4	78	4.0	143	15
15/06/24 18:35	0	3	3	0	12.3	79	4.2	136	13
15/06/24 18:40	0	3	3	0	12.3	78	4.1	135	12
15/06/24 18:45	0	3	3	0	12.3	78	4.1	131	12
15/06/24 18:50	0	3	3	0	12.3	78	4.2	133	11
15/06/24 18:55	0	3	3	0	12.3	79	4.1	132	11
15/06/24 19:00	0	3	3	0	12.3	78	4.0	132	13
15/06/24 19:05	0	3	3	0	12.2	78	3.3	132	13
15/06/24 19:10	0	3	3	0	12.2	78	3.9	133	14
15/06/24 19:15	0	3	3	0	12.2	76	4.9	137	12
15/06/24 19:20	0	3	3	0	12.2	77	4.8	134	9
15/06/24 19:25	0	3	3	0	12.1	78	4.1	133	12
15/06/24 19:30	0	3	3	0	12.0	78	3.6	129	15
15/06/24 19:35	0	3	3	0	12.0	78	3.9	130	12
15/06/24 19:40	0	3	4	0	11.9	78	2.9	127	17
15/06/24 19:45	0	4	4	0	11.9	79	2.8	125	16
15/06/24 19:50	0	4	4	0	11.8	80	2.7	117	22
15/06/24 19:55	0	4	4	0	11.7	80	3.8	117	12
15/06/24 20:00	0	4	4	0	11.7	81	4.3	116	9
15/06/24 20:05	0	5	5	0	11.6	81	4.1	114	7
15/06/24 20:10	0	5	5	0	11.6	81	3.4	115	9
15/06/24 20:15	0	6	6	0	11.5	81	3.3	118	10
15/06/24 20:20	0	6	7	0	11.4	81	2.9	118	12
15/06/24 20:25	0	7	7	0	11.4	82	4.1	115	6
15/06/24 20:30	0	8	8	0	11.2	82	4.1	116	6
15/06/24 20:35	0	8	8	0	11.2	82	4.0	114	7
15/06/24 20:40	0	8	9	0	11.2	83	2.9	118	12
15/06/24 20:45	0	9	9	0	11.1	83	2.8	119	12
15/06/24 20:50	0	9	9	0	11.1	83	2.7	122	16
15/06/24 20:55	0	9	9	0	11.0	83	2.2	119	16
15/06/24 21:00	0	9	9	0	10.9	84	2.5	117	15
15/06/24 21:05	0	10	10	0	10.9	85	2.5	113	13
15/06/24 21:10	0	10	10	0	11.0	85	2.8	113	13
15/06/24 21:15	0	10	10	0	10.9	85	2.8	107	8
15/06/24 21:20	0	10	10	0	10.7	85	2.9	108	8
15/06/24 21:25	0	10	10	0	10.8	86	3.8	115	6
15/06/24 21:30	0	10	10	0	10.8	85	3.3	118	12
15/06/24 21:35	0	9	9	0	10.8	86	2.1	121	20
15/06/24 21:40	0	9	9	0	10.8	86	2.5	118	12
15/06/24 21:45	0	9	9	0	10.7	86	2.1	122	19
15/06/24 21:50	0	9	9	0	10.8	86	2.5	126	16
15/06/24 21:55	0	8	8	0	10.9	84	2.7	128	17
15/06/24 22:00	0	8	8	0	10.8	84	2.7	121	12
15/06/24 22:05	0	8	8	0	10.8	85	2.4	122	15
15/06/24 22:10	0	9	9	0	10.8	86	1.9	118	16
15/06/24 22:15	0	9	9	0	10.8	86	2.0	120	15
15/06/24 22:20	0	9	9	0	10.7	86	2.1	116	13

**Station Pier Ambient Air Quality Monitoring
June 2024
5-Minute Data**

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/06/24 22:25	0	9	9	0	10.7	85	3.1	116	7
15/06/24 22:30	0	9	9	0	10.7	86	2.7	117	9
15/06/24 22:35	0	9	9	0	10.5	86	2.3	117	15
15/06/24 22:40	0	9	9	0	10.5	86	2.9	114	6
15/06/24 22:45	0	10	10	0	10.5	87	2.7	112	8
15/06/24 22:50	0	10	10	0	10.3	87	2.3	116	12
15/06/24 22:55	0	10	10	0	10.3	87	1.9	116	14
15/06/24 23:00	0	11	11	0	10.2	87	2.2	116	11
15/06/24 23:05	0	12	12	0	10.3	88	1.4	110	15
15/06/24 23:10	0	14	14	0	10.2	88	1.4	109	15
15/06/24 23:15	0	15	15	0	10.2	87	1.0	121	24
15/06/24 23:20	0	15	16	0	10.3	86	2.0	138	15
15/06/24 23:25	0	15	15	0	10.2	86	1.5	132	20
15/06/24 23:30	0	14	15	0	10.3	86	1.5	147	22
15/06/24 23:35	0	15	15	0	10.3	85	1.6	129	16
15/06/24 23:40	0	15	16	0	10.3	85	1.3	127	19
15/06/24 23:45	0	16	16	0	10.3	85	1.2	127	13
15/06/24 23:50	0	16	16		10.3	86	1.5	118	11
15/06/24 23:55	0	17	17		10.2	87	1.0	124	18
16/06/24 00:00	0	17	17	0	10.0	87	1.0	120	16
16/06/24 00:05	0	17	17	0	9.9	87	0.9	100	17
16/06/24 00:10	2	18	19	0	9.8	87	0.8	85	14
16/06/24 00:15	3	20	23	1	9.7	88	0.5	85	17
16/06/24 00:20	4	20	24	1	9.6	88	0.5	90	13
16/06/24 00:25	3	19	22	1	9.6	89	0.4	101	14
16/06/24 00:30	2	18	20	1	9.5	89	0.5	89	8
16/06/24 00:35	1	17	18	1	9.4	89	0.7	82	9
16/06/24 00:40	1	17	18	0	9.4	89	0.4	110	31
16/06/24 00:45	1	16	17	0	9.5	89	0.4	119	25
16/06/24 00:50	1	16	16	0	9.7	89	0.3	205	33
16/06/24 00:55	0	15	16	1	9.8	90	0.5	174	19
16/06/24 01:00	0	15	15	1	9.9	89	0.3	169	54
16/06/24 01:05					10.0	88	0.6	106	18
16/06/24 01:10					9.9	88	0.7	106	18
16/06/24 01:15					10.0	88	0.4	92	37
16/06/24 01:20					10.1	88	0.9	122	27
16/06/24 01:25					10.1	88	0.8	72	12
16/06/24 01:30					10.0	88	0.9	77	11
16/06/24 01:35					9.9	88	1.0	66	12
16/06/24 01:40					9.9	89	0.8	60	15
16/06/24 01:45					9.9	88	0.8	58	9
16/06/24 01:50					9.7	89	0.8	74	9
16/06/24 01:55					9.7	89	0.6	71	12
16/06/24 02:00					9.6	89	0.7	62	20
16/06/24 02:05	2	17	18	1	9.5	89	0.7	41	14
16/06/24 02:10	2	17	19	1	9.4	89	0.9	60	10
16/06/24 02:15	1	17	19	1	9.2	90	0.6	75	11
16/06/24 02:20	1	17	18	1	9.2	90	0.6	77	12
16/06/24 02:25	3	17	19	1	9.3	90	0.5	58	15
16/06/24 02:30	5	19	23	1	9.3	90	0.6	58	11
16/06/24 02:35	3	18	20	1	9.2	90	0.6	46	11
16/06/24 02:40	2	17	19	1	9.2	90	0.5	12	31
16/06/24 02:45	1	15	17	1	9.4	90	0.5	350	22
16/06/24 02:50	1	15	16	1	9.4	89	0.8	33	9
16/06/24 02:55	1	15	16	1	9.5	89	0.6	342	13
16/06/24 03:00	1	15	15	1	9.7	88	0.6	27	14
16/06/24 03:05	0	13	14	1	9.8	87	0.8	61	23
16/06/24 03:10	0	12	12	1	9.8	87	1.1	97	16
16/06/24 03:15	0	11	11	1	9.9	86	1.2	89	8
16/06/24 03:20	2	10	12	1	9.9	85	1.3	74	23
16/06/24 03:25	1	9	10	1	10.3	82	1.4	95	13
16/06/24 03:30	1	10	10	1	10.3	82	0.5	139	43
16/06/24 03:35	0	10	10	1	10.4	83	1.0	186	36
16/06/24 03:40	0	7	7	1	10.9	76	2.7	188	13
16/06/24 03:45	0	1	1	1	11.6	70	2.9	197	8
16/06/24 03:50	0	1	1	1	11.7	68	3.4	195	10
16/06/24 03:55	0	1	1	1	11.9	67	3.4	204	16
16/06/24 04:00	0	1	1	1	11.7	73	2.6	279	27
16/06/24 04:05	1	16	18	1	10.9	77	1.8	299	17
16/06/24 04:10	4	27	31	1	10.1	80	2.0	302	11
16/06/24 04:15	8	23	31	1	9.9	82	1.5	284	15
16/06/24 04:20	6	19	25	1	9.8	83	1.9	295	11
16/06/24 04:25	2	15	17	1	9.6	83	2.0	287	12
16/06/24 04:30	1	15	16	1	9.4	84	3.5	263	10
16/06/24 04:35	2	14	16	1	9.4	82	4.1	260	7
16/06/24 04:40	1	11	12	1	9.3	82	4.0	257	6
16/06/24 04:45	1	7	8	1	9.2	81	4.3	260	6
16/06/24 04:50	1	6	7	1	9.2	81	4.1	260	6
16/06/24 04:55	1	6	7	1	9.2	80	3.9	258	6
16/06/24 05:00	0	7	7	1	9.1	79	4.4	258	4
16/06/24 05:05	0	7	7	1	8.9	80	4.5	256	7
16/06/24 05:10	0	7	7	1	8.9	81	4.6	259	5
16/06/24 05:15	0	6	6	1	8.9	80	4.2	255	7
16/06/24 05:20	0	6	6	1	8.9	80	4.2	258	7
16/06/24 05:25	1	8	9	1	8.9	80	4.3	257	6
16/06/24 05:30	1	7	7	1	8.9	80	4.1	255	6

Station Pier Ambient Air Quality Monitoring

June 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/06/24 05:35	1	4	5	1	8.8	80	4.0	257	6
16/06/24 05:40	1	4	5	1	8.9	79	3.9	257	8
16/06/24 05:45	0	4	4	1	8.9	79	4.1	263	5
16/06/24 05:50	0	4	4	1	8.8	79	4.3	260	7
16/06/24 05:55	0	5	5	1	8.8	79	4.5	263	6
16/06/24 06:00	0	6	6	1	8.6	80	3.9	262	11
16/06/24 06:05	0	7	8	1	8.6	80	4.0	264	8
16/06/24 06:10	1	10	11	1	8.6	80	3.7	260	7
16/06/24 06:15	1	13	14	1	8.5	80	3.8	265	5
16/06/24 06:20	5	26	31	1	8.5	81	2.5	274	12
16/06/24 06:25	6	22	28	1	8.4	80	2.0	285	15
16/06/24 06:30	3	16	19	1	8.1	81	1.8	289	15
16/06/24 06:35	1	13	14	1	8.0	81	2.2	286	14
16/06/24 06:40	1	13	13	1	8.1	82	2.1	284	16
16/06/24 06:45	0	13	13	1	8.1	81	2.1	286	15
16/06/24 06:50	0	13	13	1	8.2	81	2.0	279	16
16/06/24 06:55	0	13	14	1	8.2	81	2.1	280	13
16/06/24 07:00	1	13	14	1	8.4	81	2.9	269	10
16/06/24 07:05	1	14	14	1	8.5	80	4.3	264	7
16/06/24 07:10	4	25	29	1	8.6	80	4.1	265	6
16/06/24 07:15	22	24	47	1	8.8	79	4.3	263	6
16/06/24 07:20	20	25	45	1	8.8	79	4.6	262	6
16/06/24 07:25	8	19	26	1	8.9	79	4.8	261	8
16/06/24 07:30	4	11	15	1	8.8	79	4.3	264	6
16/06/24 07:35	2	13	15	1	8.7	80	4.2	267	7
16/06/24 07:40	2	14	17	1	8.6	80	4.2	267	6
16/06/24 07:45	2	14	16	1	8.5	80	3.5	266	9
16/06/24 07:50	2	14	16	1	8.4	81	3.2	262	9
16/06/24 07:55	2	13	15	1	8.5	81	3.2	257	9
16/06/24 08:00	2	10	11	1	8.4	81	3.9	260	8
16/06/24 08:05	1	5	7	1	8.3	81	3.7	257	7
16/06/24 08:10	1	6	7	1	8.3	82	2.5	259	11
16/06/24 08:15	1	6	8	1	8.3	82	2.4	266	10
16/06/24 08:20	1	7	9	1	8.4	82	1.7	284	18
16/06/24 08:25	2	9	11	1	8.4	81	1.8	292	13
16/06/24 08:30	3	20	23	1	8.4	81	2.1	290	14
16/06/24 08:35	5	20	25	1	8.4	81	2.4	285	13
16/06/24 08:40	5	16	21	1	8.5	81	2.7	274	13
16/06/24 08:45	5	11	16	1	8.6	81	4.0	268	6
16/06/24 08:50	4	10	14	1	8.7	81	4.2	267	6
16/06/24 08:55	4	10	14	1	8.9	81	4.3	265	6
16/06/24 09:00	24	30	53	1	8.9	80	4.2	263	6
16/06/24 09:05	37	18	55	1	9.0	81	4.1	262	6
16/06/24 09:10	12	14	26	1	8.9	81	3.6	257	8
16/06/24 09:15	8	11	18	1	9.0	81	3.7	257	7
16/06/24 09:20	5	10	15	1	9.1	82	3.2	257	9
16/06/24 09:25	4	8	13	1	9.3	81	3.7	263	8
16/06/24 09:30	4	8	12	1	9.5	80	3.7	262	5
16/06/24 09:35	4	8	12	1	9.8	81	4.0	257	7
16/06/24 09:40	4	7	11	1	10.0	79	4.1	252	8
16/06/24 09:45	3	7	10	1	10.3	78	4.3	252	8
16/06/24 09:50	3	6	9	1	10.4	77	3.7	252	6
16/06/24 09:55	2	6	8	1	10.6	77	3.3	255	10
16/06/24 10:00	3	8	11	2	10.6	77	3.7	260	5
16/06/24 10:05	3	11	14	2	10.5	77	4.2	256	8
16/06/24 10:10	3	10	13	1	10.6	78	4.1	255	7
16/06/24 10:15	3	9	12	1	10.6	78	3.7	253	9
16/06/24 10:20	3	7	10	1	10.8	78	4.2	241	6
16/06/24 10:25	3	5	7	1	11.0	78	5.3	237	4
16/06/24 10:30	2	3	5	1	11.2	76	5.4	238	4
16/06/24 10:35	2	3	5	1	11.3	75	5.6	235	5
16/06/24 10:40	2	3	5	1	11.4	75	5.5	235	4
16/06/24 10:45	2	3	5	1	11.4	75	4.7	236	4
16/06/24 10:50	2	3	5	1	11.6	76	5.1	231	4
16/06/24 10:55	2	3	5	1	11.8	75	5.0	230	4
16/06/24 11:00	1	3	4	1	11.9	75	5.2	229	4
16/06/24 11:05	1	3	4	1	12.1	73	5.3	233	4
16/06/24 11:10	1	3	4	1	12.2	73	5.5	230	5
16/06/24 11:15	1	3	4	1	12.2	71	5.2	234	4
16/06/24 11:20	1	2	4	1	12.4	72	5.6	227	6
16/06/24 11:25	1	2	3	1	12.5	72	6.0	228	5
16/06/24 11:30	1	2	3	1	12.5	71	5.7	231	5
16/06/24 11:35	1	2	3	1	12.7	72	5.6	221	7
16/06/24 11:40	1	2	2	1	12.9	71	6.8	208	5
16/06/24 11:45	0	2	2	1	12.9	69	6.9	204	4
16/06/24 11:50	0	1	2	1	12.9	68	5.8	202	4
16/06/24 11:55	0	1	1	1	13.1	67	4.5	197	9
16/06/24 12:00	0	1	1	1	13.3	65	3.4	191	9
16/06/24 12:05	0	1	1	1	13.5	65	3.7	196	9
16/06/24 12:10	0	1	1	1	13.5	65	5.2	196	5
16/06/24 12:15	0	1	1	1	13.4	67	5.5	196	6
16/06/24 12:20	0	1	1	1	13.2	70	5.3	199	5
16/06/24 12:25	0	1	1	1	13.1	70	5.7	200	4
16/06/24 12:30	0	1	1	1	13.2	70	5.7	199	4
16/06/24 12:35	0	1	1	1	13.2	71	5.5	203	7
16/06/24 12:40	0	1	1	1	13.2	70	6.0	199	6

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/06/24 12:45	0	1	1	1	13.3	71	4.9	193	10
16/06/24 12:50	0	1	1	1	13.5	68	6.5	198	6
16/06/24 12:55	0	1	1	1	13.6	67	6.1	195	8
16/06/24 13:00	0	1	1	1	13.4	67	5.4	194	7
16/06/24 13:05	0	1	1	1	13.3	69	6.6	196	5
16/06/24 13:10	0	1	1	1	13.2	69	6.1	197	5
16/06/24 13:15	0	0	1	1	13.2	68	5.4	191	8
16/06/24 13:20	0	0	1	1	13.3	66	4.9	191	9
16/06/24 13:25	0	1	1	1	13.4	67	5.2	186	10
16/06/24 13:30	0	1	1	1	13.3	68	5.3	188	10
16/06/24 13:35	0	1	1	1	13.1	68	5.8	193	9
16/06/24 13:40	0	1	1	1	12.9	70	5.5	196	6
16/06/24 13:45	0	1	1	1	13.3	70	5.2	194	7
16/06/24 13:50	0	1	1	1	13.4	70	6.1	193	10
16/06/24 13:55	1	23	24	1	13.2	69	5.3	193	9
16/06/24 14:00	27	28	55	1	13.3	72	4.6	191	9
16/06/24 14:05	14	21	36	1	13.4	68	6.1	188	11
16/06/24 14:10	9	12	21	1	13.4	68	5.2	188	11
16/06/24 14:15	2	2	4	1	13.4	67	5.0	187	13
16/06/24 14:20	1	6	6	1	13.3	69	5.3	186	11
16/06/24 14:25	1	10	11	1	13.4	68	5.6	190	8
16/06/24 14:30	2	8	9	1	13.4	68	5.8	188	10
16/06/24 14:35	1	1	2	1	13.4	68	5.2	188	9
16/06/24 14:40	1	1	2	1	13.4	69	4.4	188	10
16/06/24 14:45	0	1	1	1	13.4	69	4.2	188	10
16/06/24 14:50	0	1	1	1	13.4	70	3.9	187	14
16/06/24 14:55	0	0	1	1	13.5	70	4.8	190	11
16/06/24 15:00	0	1	1	1	13.5	69	4.8	188	10
16/06/24 15:05	0	1	1	1	13.4	71	3.6	193	9
16/06/24 15:10	0	2	2	1	13.4	72	4.1	189	11
16/06/24 15:15	0	2	2	1	13.3	73	5.5	189	8
16/06/24 15:20	0	2	2	1	12.9	77	7.6	199	8
16/06/24 15:25	0	1	2	1	12.6	80	7.9	201	5
16/06/24 15:30	0	1	1	1	12.9	80	7.3	201	5
16/06/24 15:35	0	1	1	1	13.0	78	4.6	193	10
16/06/24 15:40	0	1	2	1	13.0	77	4.8	189	8
16/06/24 15:45	0	3	3	1	13.0	77	4.6	189	11
16/06/24 15:50	0	3	3	1	13.0	76	5.4	187	10
16/06/24 15:55	0	3	3	1	13.0	78	5.4	184	13
16/06/24 16:00	0	2	2	1	12.6	78	4.8	181	15
16/06/24 16:05	0	2	2	1	12.5	81	3.7	186	13
16/06/24 16:10	0	1	2	1	12.4	81	4.0	188	12
16/06/24 16:15	0	1	1	1	12.6	81	3.6	187	13
16/06/24 16:20	0	1	2	1	12.6	81	4.2	177	18
16/06/24 16:25	0	2	2	1	12.5	82	4.0	185	12
16/06/24 16:30	0	4	4	1	12.4	80	4.7	192	9
16/06/24 16:35	1	3	3	1	12.5	79	4.9	197	6
16/06/24 16:40	0	1	1	1	12.6	80	4.7	194	8
16/06/24 16:45	0	0	1	1	12.9	80	6.6	204	5
16/06/24 16:50	0	0	1	1	13.0	80	7.2	209	5
16/06/24 16:55	0	1	2	1	13.2	75	9.1	208	5
16/06/24 17:00	0	1	2	1	13.2	74	8.7	211	4
16/06/24 17:05	0	9	9	1	13.2	74	8.8	213	4
16/06/24 17:10	0	5	5	1	13.2	74	7.7	208	4
16/06/24 17:15	0	2	2	1	13.2	74	8.8	209	3
16/06/24 17:20	0	1	2	1	13.1	76	8.5	209	4
16/06/24 17:25	0	2	2	1	13.1	77	9.1	209	4
16/06/24 17:30	0	3	3	1	13.1	77	8.9	210	3
16/06/24 17:35	1	6	7	1	13.1	77	8.5	211	4
16/06/24 17:40	1	6	7	1	13.1	77	8.4	213	4
16/06/24 17:45	1	4	5	1	13.0	79	7.8	214	4
16/06/24 17:50	1	4	4	1	13.0	78	8.3	214	5
16/06/24 17:55	1	4	5	1	13.1	75	8.7	208	4
16/06/24 18:00	1	4	5	1	13.2	76	8.4	209	4
16/06/24 18:05	0	3	4	1	13.1	75	8.6	208	3
16/06/24 18:10	0	3	3	1	13.2	77	8.7	211	5
16/06/24 18:15	0	3	3	1	13.1	76	8.4	208	4
16/06/24 18:20	0	3	3	1	13.1	75	9.8	210	3
16/06/24 18:25	0	6	7	1	13.0	76	8.1	212	3
16/06/24 18:30	1	7	7	1	13.0	77	7.9	209	4
16/06/24 18:35	0	2	2	1	13.0	79	7.7	210	4
16/06/24 18:40	0	2	2	1	13.2	77	7.6	208	4
16/06/24 18:45	0	2	2	1	13.2	75	8.0	208	5
16/06/24 18:50	0	2	2	1	13.4	75	7.3	207	5
16/06/24 18:55	0	1	2	1	13.3	74	7.8	206	5
16/06/24 19:00	0	2	2	1	13.3	76	8.0	211	4
16/06/24 19:05	0	3	3	1	13.2	77	7.1	200	6
16/06/24 19:10	0	2	2	1	13.0	80	9.0	206	6
16/06/24 19:15	0	3	3	1	12.3	85	8.7	210	5
16/06/24 19:20	0	8	9	1	12.2	83	7.0	210	4
16/06/24 19:25	0	5	5	1	12.6	82	6.7	215	5
16/06/24 19:30	1	10	10	1	12.6	83	6.9	211	4
16/06/24 19:35	0	7	8	1	12.9	81	8.3	207	8
16/06/24 19:40	0	2	2	1	12.2	83	6.2	196	7
16/06/24 19:45	0	4	4	1	12.3	80	5.6	189	9
16/06/24 19:50	0	2	2	1	12.5	78	5.7	192	6

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/06/24 19:55	0	1	1	1	12.6	78	7.5	196	6
16/06/24 20:00	0	1	1	1	12.4	82	7.4	207	5
16/06/24 20:05	0	0	1	1	12.6	82	7.1	208	4
16/06/24 20:10	0	0	1	1	12.7	81	7.3	205	7
16/06/24 20:15	0	0	0	1	12.6	80	6.9	202	5
16/06/24 20:20	0	0	0	1	12.7	81	5.7	204	5
16/06/24 20:25	0	1	1	1	12.8	80	6.9	214	6
16/06/24 20:30	0	1	1	1	12.8	81	7.6	212	6
16/06/24 20:35	0	2	2	1	12.8	80	8.0	215	3
16/06/24 20:40	0	2	2	1	12.6	82	7.0	216	4
16/06/24 20:45	0	2	2	1	12.6	83	6.5	218	3
16/06/24 20:50	0	2	2	1	12.6	83	6.4	221	4
16/06/24 20:55	0	2	2	1	12.7	81	6.4	218	4
16/06/24 21:00	0	2	2	1	12.7	80	6.8	219	4
16/06/24 21:05	0	1	1	1	12.7	80	6.8	218	3
16/06/24 21:10	0	1	1	1	12.8	82	7.2	223	3
16/06/24 21:15	0	1	1	1	12.8	82	6.1	216	7
16/06/24 21:20	0	2	2	1	13.0	80	6.4	203	5
16/06/24 21:25	0	2	2	1	13.1	78	7.6	209	7
16/06/24 21:30	0	2	2	1	13.0	78	8.1	216	4
16/06/24 21:35	0	2	2	1	13.0	77	8.0	215	3
16/06/24 21:40	0	2	2	1	12.9	78	7.4	215	4
16/06/24 21:45	0	2	2	1	12.9	79	7.8	216	4
16/06/24 21:50	0	1	2	1	12.8	80	7.0	216	4
16/06/24 21:55	0	2	2	1	12.8	82	6.3	206	7
16/06/24 22:00	0	2	2	1	12.8	77	4.5	194	7
16/06/24 22:05	0	1	2	1	12.9	74	4.4	186	10
16/06/24 22:10	0	1	1	1	13.0	75	4.0	190	12
16/06/24 22:15	0	1	1	1	13.1	75	4.8	193	9
16/06/24 22:20	0	1	1	1	13.1	81	5.0	199	5
16/06/24 22:25	0	1	1	1	13.1	81	5.5	206	5
16/06/24 22:30	0	1	1	1	13.1	79	5.5	202	6
16/06/24 22:35	0	1	1	1	13.1	73	5.0	197	7
16/06/24 22:40	0	1	1	1	13.1	71	4.5	194	6
16/06/24 22:45	0	1	1	1	13.1	70	4.9	193	7
16/06/24 22:50	0	1	1	1	13.1	70	5.1	190	9
16/06/24 22:55	0	1	1	1	13.1	70	6.0	192	6
16/06/24 23:00	1	4	4	1	13.1	70	5.4	189	9
16/06/24 23:05	3	20	23	1	13.1	68	5.8	188	9
16/06/24 23:10	4	18	22	1	13.1	67	5.6	187	10
16/06/24 23:15	1	3	4	1	13.2	68	5.0	186	10
16/06/24 23:20	1	6	7	1	13.1	70	5.4	186	11
16/06/24 23:25	1	21	22	1	13.0	69	5.2	187	11
16/06/24 23:30	3	22	25	1	13.0	69	5.0	185	10
16/06/24 23:35	2	10	12	1	13.0	72	4.9	187	9
16/06/24 23:40	0	4	4	1	12.9	72	5.1	193	8
16/06/24 23:45	0	2	2	1	13.0	70	5.9	194	6
16/06/24 23:50	0	1	1	1	13.0	71	5.9	197	7
16/06/24 23:55	0	1	1	1	13.0	73	5.8	200	5
17/06/24 00:00	0	1	1	1	13.0	75	6.2	206	6
17/06/24 00:05	0	1	2	1	13.0	73	5.7	210	3
17/06/24 00:10	0	2	2	1	13.0	69	4.2	197	7
17/06/24 00:15	0	1	1	1	12.8	71	4.5	195	8
17/06/24 00:20	0	1	1	1	12.8	71	4.5	191	9
17/06/24 00:25	0	1	1	1	12.8	73	4.8	190	9
17/06/24 00:30	0	1	1	1	12.8	73	4.4	185	12
17/06/24 00:35	0	1	1	1	12.7	71	5.3	190	9
17/06/24 00:40	0	1	1	1	12.8	71	5.1	186	12
17/06/24 00:45	0	1	1	1	12.8	70	4.8	191	10
17/06/24 00:50	0	1	1	1	12.8	70	4.8	186	10
17/06/24 00:55	0	1	1	1	12.8	70	4.7	188	11
17/06/24 01:00	0	1	1	1	12.9	71	4.6	187	11
17/06/24 01:05					12.8	71	4.8	187	10
17/06/24 01:10					12.9	69	4.4	190	11
17/06/24 01:15					12.8	71	3.0	185	12
17/06/24 01:20					12.8	72	2.7	186	15
17/06/24 01:25					12.7	71	3.1	184	16
17/06/24 01:30					12.8	71	3.0	185	14
17/06/24 01:35					12.7	71	2.7	183	16
17/06/24 01:40					12.7	72	2.7	178	19
17/06/24 01:45					12.6	71	2.6	185	16
17/06/24 01:50					12.7	73	2.7	179	19
17/06/24 01:55					12.6	73	3.1	187	14
17/06/24 02:00					12.7	70	3.3	183	15
17/06/24 02:05	0	1	1	1	12.6	73	2.4	181	17
17/06/24 02:10	0	1	1	1	12.6	74	2.2	176	19
17/06/24 02:15	0	1	1	1	12.6	74	2.2	178	21
17/06/24 02:20	0	1	1	1	12.5	72	2.4	181	20
17/06/24 02:25	0	1	1	1	12.6	73	2.4	179	21
17/06/24 02:30	0	1	1	2	12.5	72	2.7	173	21
17/06/24 02:35	0	1	1	1	12.6	72	2.3	177	21
17/06/24 02:40	0	1	1	1	12.6	72	2.4	186	16
17/06/24 02:45	0	1	1	1	12.6	70	2.7	185	14
17/06/24 02:50	0	1	1	1	12.6	70	2.6	188	15
17/06/24 02:55	0	1	1	1	12.7	70	2.5	189	15
17/06/24 03:00	0	1	1	1	12.5	70	3.0	187	12

Station Pier Ambient Air Quality Monitoring

June 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/06/24 03:05	0	1	1	1	12.7	71	2.7	185	15
17/06/24 03:10	0	1	1	1	12.6	72	2.8	188	14
17/06/24 03:15	0	0	0	1	12.5	73	2.2	184	14
17/06/24 03:20	0	1	1	1	12.5	71	3.3	187	11
17/06/24 03:25	0	1	1	1	12.6	72	2.5	171	25
17/06/24 03:30	0	1	1	1	12.5	76	1.3	164	31
17/06/24 03:35	0	1	1	1	12.4	77	1.6	175	21
17/06/24 03:40	0	1	1	1	12.3	77	2.3	189	15
17/06/24 03:45	0	1	1	1	12.4	73	3.1	193	12
17/06/24 03:50	0	1	1	1	12.5	73	2.8	191	12
17/06/24 03:55	0	1	1	1	12.5	74	2.5	202	17
17/06/24 04:00	0	13	13	1	11.3	77	2.4	272	10
17/06/24 04:05	1	20	21	1	10.4	81	1.3	302	15
17/06/24 04:10	1	21	22	1	10.1	82	1.4	331	17
17/06/24 04:15	2	20	22	1	10.0	83	1.7	312	18
17/06/24 04:20	1	19	20	1	9.9	83	2.1	303	14
17/06/24 04:25	1	17	18	1	9.8	83	1.7	314	16
17/06/24 04:30	1	16	17	1	9.8	83	1.3	313	20
17/06/24 04:35	1	15	16	1	9.6	84	1.0	318	15
17/06/24 04:40	1	14	15	1	9.7	84	0.9	320	15
17/06/24 04:45	1	15	16	1	9.7	84	0.9	327	24
17/06/24 04:50	1	16	16	1	9.6	84	0.9	321	19
17/06/24 04:55	1	17	18	1	9.6	84	0.8	338	21
17/06/24 05:00	2	19	21	1	9.6	84	1.0	341	19
17/06/24 05:05	3	23	25	1	9.5	84	0.9	322	24
17/06/24 05:10	3	24	27	1	9.6	84	1.3	315	17
17/06/24 05:15	4	24	28	1	9.6	83	1.6	307	10
17/06/24 05:20	5	24	28	1	9.7	83	1.3	306	11
17/06/24 05:25	5	23	29	2	9.6	83	1.0	319	15
17/06/24 05:30	7	23	30	1	9.5	84	0.9	333	19
17/06/24 05:35	12	23	35	1	9.3	85	1.0	359	19
17/06/24 05:40	23	23	46	1	9.1	86	1.7	352	15
17/06/24 05:45	24	25	49	2	9.1	86	1.8	327	25
17/06/24 05:50	22	24	46	2	9.3	84	2.2	326	14
17/06/24 05:55	26	24	50	2	9.3	84	2.0	328	14
17/06/24 06:00	30	24	55	2	9.3	84	2.1	328	15
17/06/24 06:05	32	25	57	2	9.3	83	2.4	318	9
17/06/24 06:10	39	28	67	2	9.4	83	2.6	317	9
17/06/24 06:15	67	30	97	2	9.4	83	1.9	319	15
17/06/24 06:20	55	30	85	2	9.4	83	2.0	312	13
17/06/24 06:25	44	29	73	2	9.4	83	2.1	305	11
17/06/24 06:30	36	27	63	2	9.4	84	2.0	285	12
17/06/24 06:35	28	26	54	2	9.6	83	2.4	288	9
17/06/24 06:40	29	25	55	2	9.5	82	2.4	303	12
17/06/24 06:45	41	26	67	2	9.3	82	2.4	302	11
17/06/24 06:50	51	27	78	2	9.3	84	2.0	291	11
17/06/24 06:55	49	27	76	2	9.2	84	1.3	292	14
17/06/24 07:00	43	26	69	2	9.2	83	1.2	314	16
17/06/24 07:05	53	27	80	2	9.3	83	0.9	338	24
17/06/24 07:10	86	26	112	2	9.1	83	1.0	52	20
17/06/24 07:15	96	33	129	2	9.1	84	1.6	58	9
17/06/24 07:20	99	34	133	2	9.1	84	2.4	40	10
17/06/24 07:25	33	28	61	2	9.4	83	1.1	339	46
17/06/24 07:30	11	26	37	2	9.9	81	0.7	288	33
17/06/24 07:35	36	26	62	2	10.1	82	1.4	283	16
17/06/24 07:40	29	21	50	2	10.1	82	1.6	289	14
17/06/24 07:45	33	27	59	2	10.1	82	1.8	304	16
17/06/24 07:50	98	32	130	2	9.7	81	1.7	321	14
17/06/24 07:55	96	30	126	2	9.6	82	1.8	319	10
17/06/24 08:00	92	32	123	2	9.5	82	0.5	12	45
17/06/24 08:05	96	32	128	2	9.5	82	0.9	357	20
17/06/24 08:10	82	31	114	2	9.6	82	0.5	301	17
17/06/24 08:15	76	30	106	2	9.8	83	0.6	276	13
17/06/24 08:20	70	33	103	2	9.9	82	1.0	292	6
17/06/24 08:25	69	33	102	2	9.9	82	1.6	286	11
17/06/24 08:30	58	37	95	2	10.1	82	2.2	277	9
17/06/24 08:35	56	28	84	2	10.2	82	1.0	291	23
17/06/24 08:40	61	29	90	2	10.2	81	1.3	291	20
17/06/24 08:45	61	27	88	2	10.1	82	1.1	290	18
17/06/24 08:50	67	29	96	2	10.2	81	1.2	289	14
17/06/24 08:55	90	30	120	2	10.2	82	0.9	289	19
17/06/24 09:00	91	32	123	2	10.3	82	1.2	296	13
17/06/24 09:05	83	32	114	2	10.2	79	1.6	304	9
17/06/24 09:10	79	28	107	2	10.2	79	0.7	348	21
17/06/24 09:15	82	31	113	2	10.3	79	0.9	299	11
17/06/24 09:20	87	31	118	2	10.4	79	1.3	286	15
17/06/24 09:25	90	31	121	2	10.5	79	1.6	278	13
17/06/24 09:30	98	31	129	2	10.8	79	1.2	289	16
17/06/24 09:35	81	28	110	2	10.9	78	1.3	281	14
17/06/24 09:40	59	28	87	2	10.9	77	0.8	294	15
17/06/24 09:45	57	29	86	2	10.9	77	1.2	278	11
17/06/24 09:50	58	28	86	2	10.9	77	1.7	269	7
17/06/24 09:55	56	28	84	2	11.0	78	0.7	282	17
17/06/24 10:00	60	27	87	2	11.1	77	1.5	258	5
17/06/24 10:05	62	27	89	2	11.3	75	1.6	265	7
17/06/24 10:10	67	25	92	2	11.4	75	1.9	269	3

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/06/24 10:15	74	26	100	3	11.5	76	2.1	269	4
17/06/24 10:20	69	26	95	3	11.4	76	1.9	264	5
17/06/24 10:25	63	29	92	3	11.4	78	1.6	269	10
17/06/24 10:30	45	23	68	3	11.5	77	1.6	254	9
17/06/24 10:35	31	22	53	3	11.7	76	1.6	239	9
17/06/24 10:40	22	21	43	3	11.7	77	1.7	254	12
17/06/24 10:45	27	19	46	3	11.7	77	1.7	255	6
17/06/24 10:50	16	15	31	3	11.8	77	1.1	254	10
17/06/24 10:55	14	15	29	3	12.1	76	1.4	245	7
17/06/24 11:00	13	14	27	3	12.3	75	1.5	247	4
17/06/24 11:05	12	14	26	3	12.5	74	1.4	246	6
17/06/24 11:10	10	11	22	2	12.5	74	1.4	247	5
17/06/24 11:15	8	7	16	2	12.7	74	1.3	249	11
17/06/24 11:20	5	8	13	2	12.8	74	1.7	242	8
17/06/24 11:25	4	7	12	2	12.8	74	1.3	242	7
17/06/24 11:30	4	7	11	2	12.9	74	1.2	247	10
17/06/24 11:35	4	7	12	2	13.0	73	1.2	214	8
17/06/24 11:40	4	7	12	2	13.3	71	1.1	207	8
17/06/24 11:45	4	7	11	2	13.4	72	1.7	210	9
17/06/24 11:50	5	8	12	2	13.4	72	1.5	199	9
17/06/24 11:55	5	8	14	2	13.6	72	1.6	202	12
17/06/24 12:00	6	9	15	2	13.5	72	1.7	201	6
17/06/24 12:05	6	9	15	2	13.5	72	2.0	205	7
17/06/24 12:10	6	9	15	2	13.3	73	2.1	199	5
17/06/24 12:15	7	9	16	2	13.5	72	2.5	204	7
17/06/24 12:20	5	0	5	2	13.4	71	3.1	209	4
17/06/24 12:25	3	3	6	2	13.4	71	2.9	206	6
17/06/24 12:30	4	6	10	1	13.4	71	3.2	208	4
17/06/24 12:35	25	16	41	1	13.3	70	3.3	210	4
17/06/24 12:40	3	4	7	1	13.3	72	3.5	208	3
17/06/24 12:45	1	3	4	1	13.3	71	3.7	202	4
17/06/24 12:50	1	3	4	1	13.3	72	3.5	205	4
17/06/24 12:55	1	3	4	1	13.3	74	3.3	209	4
17/06/24 13:00	1	3	4	1	13.4	71	3.5	208	4
17/06/24 13:05	1	2	3	1	13.4	71	3.6	210	4
17/06/24 13:10	1	2	3	1	13.3	71	3.6	208	4
17/06/24 13:15	1	2	3	1	13.2	71	3.5	206	4
17/06/24 13:20	1	2	3	1	13.2	71	3.5	204	4
17/06/24 13:25	0	2	2	1	13.3	69	3.5	201	3
17/06/24 13:30	0	2	2	1	13.3	67	4.0	202	4
17/06/24 13:35	0	2	2	1	13.4	68	4.1	204	4
17/06/24 13:40	0	2	2	1	13.5	67	4.0	205	4
17/06/24 13:45	0	2	2	1	13.4	69	4.0	209	4
17/06/24 13:50	0	2	2	1	13.5	68	4.3	207	3
17/06/24 13:55	0	2	2	1	13.4	69	4.5	209	3
17/06/24 14:00	0	2	2	1	13.4	70	4.4	209	4
17/06/24 14:05	0	2	2	1	13.3	69	4.8	209	3
17/06/24 14:10	0	2	2	1	13.4	70	4.4	211	3
17/06/24 14:15	1	2	3	1	13.4	68	4.7	211	3
17/06/24 14:20	1	2	3	1	13.4	71	4.7	212	3
17/06/24 14:25	1	3	3	1	13.5	72	4.4	215	4
17/06/24 14:30	1	3	4	1	13.5	71	4.7	213	3
17/06/24 14:35	1	3	3	1	13.4	68	4.5	214	3
17/06/24 14:40	1	4	5	1	13.5	69	4.6	212	4
17/06/24 14:45	1	2	3	1	13.5	70	4.5	216	5
17/06/24 14:50	1	2	2	1	13.4	69	4.8	214	4
17/06/24 14:55	1	2	2	1	13.4	69	4.7	213	5
17/06/24 15:00	1	2	2	1	13.5	68	4.6	208	5
17/06/24 15:05	1	2	2	1	13.5	67	4.6	208	4
17/06/24 15:10	1	2	2	1	13.6	67	4.5	207	4
17/06/24 15:15	0	2	2	1	13.6	68	4.4	208	4
17/06/24 15:20	0	2	2	1	13.6	70	4.4	207	4
17/06/24 15:25	0	2	2	1	13.6	70	4.5	207	4
17/06/24 15:30	0	1	2	1	13.6	69	4.6	203	4
17/06/24 15:35	0	1	2	1	13.5	72	4.3	207	4
17/06/24 15:40	0	1	2	1	13.4	73	4.5	206	3
17/06/24 15:45	0	1	2	1	13.5	73	4.7	206	3
17/06/24 15:50	0	1	1	1	13.4	73	4.4	209	5
17/06/24 15:55	0	1	1	1	13.5	72	4.3	206	4
17/06/24 16:00	0	1	1	1	13.5	72	4.2	205	3
17/06/24 16:05	0	1	1	1	13.5	71	4.3	207	4
17/06/24 16:10	0	1	1	1	13.5	72	4.4	208	4
17/06/24 16:15	0	1	1	1	13.4	73	4.4	209	3
17/06/24 16:20	0	1	1	1	13.4	72	4.2	205	4
17/06/24 16:25	0	1	1	1	13.4	74	4.0	205	3
17/06/24 16:30	0	1	1	1	13.4	72	4.4	203	3
17/06/24 16:35	0	1	2	1	13.3	74	4.0	205	3
17/06/24 16:40	0	1	2	1	13.2	72	4.2	205	3
17/06/24 16:45	1	2	3	1	13.2	69	3.8	200	5
17/06/24 16:50	0	2	3	1	13.2	68	3.5	197	5
17/06/24 16:55	0	2	2	1	13.2	67	2.9	197	7
17/06/24 17:00	0	2	2	1	13.2	66	3.1	196	7
17/06/24 17:05	0	2	2	1	13.1	66	3.1	196	9
17/06/24 17:10	0	2	2	1	13.2	65	3.0	194	7
17/06/24 17:15	0	1	2	1	13.0	66	3.2	195	7
17/06/24 17:20	0	1	1	1	13.0	64	3.1	196	8

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/06/24 17:25	0	1	1	1	13.0	64	2.9	197	9
17/06/24 17:30	0	1	1	1	13.1	66	3.3	198	6
17/06/24 17:35	0	2	2	1	13.1	66	3.1	195	8
17/06/24 17:40	0	2	2	1	13.1	66	3.4	197	9
17/06/24 17:45	0	2	2	1	13.0	66	3.3	194	8
17/06/24 17:50	0	2	2	1	13.1	66	3.2	195	6
17/06/24 17:55	0	2	2	1	13.1	67	2.5	193	9
17/06/24 18:00	0	2	2	1	13.1	68	2.1	177	16
17/06/24 18:05	0	2	1	1	13.1	68	2.2	169	22
17/06/24 18:10	0	1	1	1	13.1	68	2.8	146	22
17/06/24 18:15	0	2	1	1	13.2	66	3.5	136	11
17/06/24 18:20	0	2	2	1	13.0	67	3.7	136	10
17/06/24 18:25	0	2	2	1	13.0	67	3.9	138	9
17/06/24 18:30	0	2	2	1	12.9	68	4.2	137	7
17/06/24 18:35	0	3	2	1	12.9	70	4.0	141	12
17/06/24 18:40	0	3	3	1	12.9	72	3.8	138	11
17/06/24 18:45	0	3	3	1	12.9	73	3.3	134	13
17/06/24 18:50	0	4	3	1	12.6	73	2.5	132	21
17/06/24 18:55	0	4	4	1	12.6	71	3.6	136	9
17/06/24 19:00	0	5	5	1	12.5	71	2.4	131	18
17/06/24 19:05	0	5	5	1	12.5	70	3.3	132	14
17/06/24 19:10	0	6	6	1	12.5	72	2.2	126	17
17/06/24 19:15	0	6	6	1	12.4	72	2.3	124	24
17/06/24 19:20	0	7	6	1	12.3	71	3.3	131	15
17/06/24 19:25	0	7	7	1	12.3	71	3.2	129	14
17/06/24 19:30	0	7	7	1	12.2	71	2.7	131	15
17/06/24 19:35	0	8	8	1	12.1	72	2.3	124	18
17/06/24 19:40	0	8	8	1	12.1	71	2.1	123	21
17/06/24 19:45	0	9	9	1	11.9	72	2.3	122	16
17/06/24 19:50	0	10	10	1	11.9	72	2.5	121	14
17/06/24 19:55	0	12	12	1	11.9	73	2.9	117	11
17/06/24 20:00	0	13	13	1	11.9	72	3.5	117	7
17/06/24 20:05	0	15	15	1	11.8	72	3.7	118	9
17/06/24 20:10	0	15	15	1	11.6	73	2.9	118	11
17/06/24 20:15	0	16	16	1	11.5	72	3.9	116	7
17/06/24 20:20	0	15	15	1	11.5	72	3.6	117	8
17/06/24 20:25	0	15	15	1	11.5	73	3.2	116	9
17/06/24 20:30	0	14	14	1	11.4	74	3.7	111	7
17/06/24 20:35	0	14	14	1	11.4	74	3.6	109	5
17/06/24 20:40	0	13	13	1	11.3	73	3.6	106	5
17/06/24 20:45	0	13	13	1	11.2	72	3.9	103	5
17/06/24 20:50	0	13	13	1	11.0	72	4.4	105	5
17/06/24 20:55	0	13	13	1	11.1	72	3.8	105	6
17/06/24 21:00	0	13	13	1	10.9	72	3.5	105	5
17/06/24 21:05	0	15	15	1	10.9	72	3.6	103	6
17/06/24 21:10	0	17	17	1	10.7	72	3.6	103	6
17/06/24 21:15	0	18	19	1	10.7	72	3.5	104	5
17/06/24 21:20	0	19	19	1	10.7	72	3.2	103	6
17/06/24 21:25	0	19	19	1	10.6	72	3.1	103	7
17/06/24 21:30	0	19	20	1	10.5	72	2.7	101	8
17/06/24 21:35	0	20	21	1	10.4	72	2.6	99	6
17/06/24 21:40	1	21	22	1	10.4	73	2.5	100	6
17/06/24 21:45	1	22	23	1	10.2	74	2.1	99	7
17/06/24 21:50	1	22	23	1	10.1	74	2.1	97	7
17/06/24 21:55	1	22	23	1	10.2	75	2.3	96	5
17/06/24 22:00	1	22	22	1	10.1	75	2.5	95	7
17/06/24 22:05	1	21	22	1	10.0	75	2.4	98	6
17/06/24 22:10	1	21	22	1	10.0	74	2.4	100	5
17/06/24 22:15	1	20	21	1	10.0	74	2.0	100	6
17/06/24 22:20	1	20	21	1	9.9	75	1.9	98	6
17/06/24 22:25	0	20	20	1	9.8	74	1.8	95	6
17/06/24 22:30	0	20	20	1	9.8	75	1.5	91	7
17/06/24 22:35	0	20	20	1	9.8	74	1.8	89	7
17/06/24 22:40	0	20	20	1	9.8	74	1.7	90	7
17/06/24 22:45	0	20	20	1	9.8	74	1.7	89	10
17/06/24 22:50	0	19	20	0	9.7	74	1.1	88	11
17/06/24 22:55	0	19	19	1	9.6	74	1.1	86	13
17/06/24 23:00	0	19	19	1	9.6	75	1.5	84	12
17/06/24 23:05	0	19	19	1	9.7	74	1.6	85	11
17/06/24 23:10	0	19	19	1	9.7	73	1.7	83	10
17/06/24 23:15	0	18	19	1	9.7	73	1.5	87	8
17/06/24 23:20	0	18	18	1	9.8	73	1.4	82	13
17/06/24 23:25	0	18	18	1	9.7	73	1.1	93	12
17/06/24 23:30	0	17	18	1	9.6	74	0.8	105	11
17/06/24 23:35	0	18	18	1	9.5	74	0.5	109	18
17/06/24 23:40	0	18	18	1	9.4	74	0.4	114	14
17/06/24 23:45	0	18	18	1	9.2	76	0.4	165	24
17/06/24 23:50	0	17	18		9.3	77	0.7	140	16
17/06/24 23:55	0	17	17		9.4	76	0.6	122	13
18/06/24 00:00	0	17	17	1	9.5	76	0.6	115	12
18/06/24 00:05	0	17	17	1	9.5	76	0.4	113	15
18/06/24 00:10	0	17	17	1	9.4	75	0.4	123	21
18/06/24 00:15	0	17	17	1	9.5	75	0.4	127	17
18/06/24 00:20	0	16	16	1	9.5	75	0.1	117	52
18/06/24 00:25	0	16	16	1	9.8	75	0.5	123	30
18/06/24 00:30	0	15	15	1	9.9	75	1.0	103	13

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/06/24 00:35	0	15	15	1	9.9	75	0.8	93	12
18/06/24 00:40	0	15	15	1	9.9	76	0.6	117	14
18/06/24 00:45	0	16	16	1	10.0	77	0.5	197	20
18/06/24 00:50	0	16	16	1	10.1	77	1.2	197	8
18/06/24 00:55	0	16	16	1	10.3	75	0.8	177	22
18/06/24 01:00	0	16	16	1	10.3	75	1.2	186	11
18/06/24 01:05					10.4	76	0.9	172	28
18/06/24 01:10					10.5	74	0.9	121	12
18/06/24 01:15					10.5	76	0.8	168	27
18/06/24 01:20					10.6	74	1.3	150	22
18/06/24 01:25					10.6	72	1.1	149	26
18/06/24 01:30					10.8	72	1.2	140	20
18/06/24 01:35					10.7	72	1.2	139	19
18/06/24 01:40					10.8	72	1.3	134	17
18/06/24 01:45					10.9	72	1.0	116	19
18/06/24 01:50					10.7	73	1.7	106	8
18/06/24 01:55					10.4	73	1.2	70	18
18/06/24 02:00					10.3	74	1.0	357	34
18/06/24 02:05	1	15	15	1	10.1	77	1.6	299	9
18/06/24 02:10	2	23	25	1	9.9	77	1.4	302	14
18/06/24 02:15	4	30	34	1	9.9	78	1.1	316	16
18/06/24 02:20	6	27	33	2	9.7	79	0.6	267	16
18/06/24 02:25	7	26	32	1	9.7	81	1.4	286	20
18/06/24 02:30	8	25	33	1	9.6	81	1.6	272	6
18/06/24 02:35	11	23	34	1	9.4	81	1.2	291	11
18/06/24 02:40	14	22	36	1	9.4	82	1.5	287	14
18/06/24 02:45	8	24	32	1	9.3	82	1.1	296	14
18/06/24 02:50	8	23	31	1	9.3	81	1.0	292	12
18/06/24 02:55	8	23	31	1	9.2	82	1.5	280	16
18/06/24 03:00	8	23	31	1	9.2	82	1.2	303	11
18/06/24 03:05	8	23	31	1	9.1	82	1.2	283	15
18/06/24 03:10	8	23	30	1	9.2	83	1.1	275	15
18/06/24 03:15	8	23	31	1	9.2	82	1.2	282	11
18/06/24 03:20	8	23	31	1	9.1	82	1.1	288	11
18/06/24 03:25	7	23	30	1	9.1	82	1.4	297	9
18/06/24 03:30	8	23	31	1	8.8	82	1.6	301	12
18/06/24 03:35	12	23	35	1	8.8	82	1.2	317	13
18/06/24 03:40	20	23	43	2	8.7	83	0.7	333	28
18/06/24 03:45	27	22	49	2	8.5	84	1.2	355	13
18/06/24 03:50	31	22	53	2	8.2	85	1.3	346	11
18/06/24 03:55	32	23	55	2	8.2	86	1.1	342	19
18/06/24 04:00	34	23	56	2	8.1	86	1.0	327	20
18/06/24 04:05	34	23	57	2	8.1	86	1.5	350	14
18/06/24 04:10	33	24	57	2	8.0	86	1.6	349	12
18/06/24 04:15	39	18	57	2	7.9	86	1.5	357	15
18/06/24 04:20	54	16	70	2	7.8	87	1.7	351	11
18/06/24 04:25	56	25	81	2	7.7	87	1.0	18	15
18/06/24 04:30	59	24	84	2	7.6	88	1.3	352	19
18/06/24 04:35	62	24	87	2	7.6	89	1.1	348	18
18/06/24 04:40	59	25	85	2	7.5	88	1.6	3	13
18/06/24 04:45	54	25	79	2	7.3	88	1.6	5	6
18/06/24 04:50	55	24	79	2	7.2	89	1.4	348	11
18/06/24 04:55	55	24	79	2	7.2	89	1.5	17	12
18/06/24 05:00	58	24	82	2	7.0	89	1.1	32	7
18/06/24 05:05	53	20	73	2	6.8	89	1.4	32	7
18/06/24 05:10	43	20	63	2	6.7	90	1.4	16	6
18/06/24 05:15	42	19	61	2	6.7	89	1.1	17	11
18/06/24 05:20	40	20	60	2	6.6	89	1.5	28	5
18/06/24 05:25	37	19	56	2	6.5	89	1.4	29	6
18/06/24 05:30	32	18	49	2	6.5	90	1.6	30	5
18/06/24 05:35	32	17	49	2	6.4	89	1.4	30	7
18/06/24 05:40	33	17	51	2	6.4	90	1.3	37	6
18/06/24 05:45	33	18	51	2	6.3	90	1.5	34	5
18/06/24 05:50	31	17	48	2	6.4	89	1.4	32	6
18/06/24 05:55	30	17	47	2	6.3	89	1.4	24	4
18/06/24 06:00	30	17	47	2	6.4	89	1.4	27	5
18/06/24 06:05	31	17	48	2	6.4	89	1.4	28	5
18/06/24 06:10	31	17	48	2	6.4	89	1.2	19	6
18/06/24 06:15	32	17	49	2	6.3	89	1.2	19	15
18/06/24 06:20	33	17	50	2	6.2	89	1.3	27	5
18/06/24 06:25	34	17	51	2	6.2	89	1.5	43	9
18/06/24 06:30	39	17	55	2	6.2	89	1.5	34	7
18/06/24 06:35	44	19	62	2	6.3	89	1.5	37	10
18/06/24 06:40	43	19	61	2	6.2	89	1.2	37	10
18/06/24 06:45	41	21	63	2	6.1	89	1.5	18	7
18/06/24 06:50	46	18	64	2	6.3	88	1.6	23	7
18/06/24 06:55	58	18	77	2	6.3	88	1.5	27	8
18/06/24 07:00	61	20	81	2	6.2	88	1.5	25	9
18/06/24 07:05	66	19	84	2	6.2	88	1.2	3	10
18/06/24 07:10	104	24	128	2	6.4	88	1.6	357	8
18/06/24 07:15	137	26	163	2	6.6	88	1.5	347	10
18/06/24 07:20	143	22	164	2	6.8	88	1.7	349	13
18/06/24 07:25	118	29	147	2	6.8	87	1.3	347	18
18/06/24 07:30	107	29	136	2	6.8	88	1.6	357	12
18/06/24 07:35	109	28	137	2	6.8	88	1.5	347	18
18/06/24 07:40	148	29	177	3	6.9	87	1.8	355	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/06/24 07:45	171	33	204	3	6.8	87	1.8	4	5
18/06/24 07:50	168	32	200	3	6.6	88	1.6	5	6
18/06/24 07:55	136	29	165	3	6.5	88	0.9	20	9
18/06/24 08:00	108	27	135	3	6.3	87	1.2	23	5
18/06/24 08:05	99	25	125	3	6.3	88	1.5	29	7
18/06/24 08:10	93	22	115	3	6.3	87	1.3	30	7
18/06/24 08:15	93	22	115	3	6.5	86	1.4	9	8
18/06/24 08:20	107	24	131	3	6.7	85	1.6	19	9
18/06/24 08:25	138	27	165	3	6.7	86	1.8	341	22
18/06/24 08:30	150	32	183	3	6.8	86	1.7	359	13
18/06/24 08:35	129	29	158	3	6.8	86	1.8	343	20
18/06/24 08:40	113	27	139	3	7.0	85	1.7	336	25
18/06/24 08:45	120	26	146	3	7.1	85	1.6	1	17
18/06/24 08:50	130	29	159	3	7.1	85	1.5	329	17
18/06/24 08:55	126	31	156	3	7.3	85	1.4	351	16
18/06/24 09:00	137	25	162	3	7.3	84	1.7	352	15
18/06/24 09:05	103	35	138	3	7.4	83	1.6	335	16
18/06/24 09:10	89	27	116	3	7.4	83	1.3	332	21
18/06/24 09:15	104	27	131	3	7.5	82	1.8	5	13
18/06/24 09:20	115	29	144	3	7.6	82	1.4	341	22
18/06/24 09:25	119	28	147	3	7.6	82	1.2	4	22
18/06/24 09:30	127	28	155	3	7.8	82	1.2	325	25
18/06/24 09:35	127	28	155	3	7.8	81	1.5	353	18
18/06/24 09:40	129	30	158	3	7.9	80	1.6	0	22
18/06/24 09:45	130	30	160	3	7.9	79	2.0	10	12
18/06/24 09:50	130	30	160	3	8.1	79	1.5	6	18
18/06/24 09:55	129	30	160	3	8.3	78	1.4	352	27
18/06/24 10:00	127	29	156	3	8.4	78	1.5	360	20
18/06/24 10:05	128	33	160	3	8.7	77	1.5	10	16
18/06/24 10:10	129	35	164	3	8.8	76	1.7	6	21
18/06/24 10:15	128	34	162	3	8.9	76	1.4	315	18
18/06/24 10:20	127	33	161	3	9.0	75	1.6	341	16
18/06/24 10:25	124	34	158	3	9.1	75	1.2	331	24
18/06/24 10:30	122	32	154	3	9.4	73	1.4	6	17
18/06/24 10:35	121	31	152	3	9.5	72	1.5	355	19
18/06/24 10:40	122	32	154	3	9.7	72	1.1	342	23
18/06/24 10:45	122	32	153	3	10.1	71	0.6	297	39
18/06/24 10:50	119	32	151	3	10.2	71	0.4	291	49
18/06/24 10:55	117	33	151	3	10.3	69	0.7	263	26
18/06/24 11:00	117	34	150	3	10.4	69	0.6	253	19
18/06/24 11:05	115	33	148	3	10.8	68	0.0	184	98
18/06/24 11:10	112	34	146	3	11.3	66	0.8	270	21
18/06/24 11:15	111	34	146	3	11.1	67	0.6	233	31
18/06/24 11:20	110	35	145	3	11.4	65	0.3	211	27
18/06/24 11:25	109	35	144	3	11.9	64	0.8	204	31
18/06/24 11:30	109	35	144	3	11.9	63	0.6	227	24
18/06/24 11:35	110	35	145	4	12.1	62	0.7	200	15
18/06/24 11:40	111	35	146	4	12.7	60	0.8	206	14
18/06/24 11:45	113	35	148	4	12.6	60	1.0	221	10
18/06/24 11:50	113	35	148	4	12.1	62	1.2	212	15
18/06/24 11:55	112	36	147	4	12.0	64	0.8	181	44
18/06/24 12:00	113	37	150	4	12.5	63	1.0	142	21
18/06/24 12:05	104	34	138	4	12.8	60	0.3	212	52
18/06/24 12:10	93	37	130	4	12.9	61	0.8	173	29
18/06/24 12:15	99	37	135	4	13.0	62	0.9	137	30
18/06/24 12:20	94	34	128	4	12.9	61	1.1	118	16
18/06/24 12:25	89	35	124	4	13.1	61	0.8	146	32
18/06/24 12:30	87	34	122	4	13.4	60	0.8	149	34
18/06/24 12:35	84	33	117	4	13.5	60	0.7	140	28
18/06/24 12:40	76	29	105	4	13.5	60	0.7	133	23
18/06/24 12:45	70	31	101	4	13.5	62	0.6	157	45
18/06/24 12:50	57	29	86	3	14.0	59	1.0	151	31
18/06/24 12:55	48	25	73	3	13.7	60	1.3	136	17
18/06/24 13:00	45	26	71	3	13.4	62	0.8	141	28
18/06/24 13:05	40	19	60	3	13.7	61	0.9	156	24
18/06/24 13:10	30	21	51	3	13.9	60	0.9	152	33
18/06/24 13:15	29	21	50	3	13.7	61	0.8	144	29
18/06/24 13:20	29	21	51	3	13.5	63	0.4	174	43
18/06/24 13:25	29	22	51	3	13.6	62	0.7	147	29
18/06/24 13:30	29	23	52	3	13.7	63	1.1	122	14
18/06/24 13:35	29	22	51	3	13.4	65	1.0	125	22
18/06/24 13:40	28	22	50	3	13.4	64	0.7	157	31
18/06/24 13:45	28	17	45	3	13.9	62	1.2	163	20
18/06/24 13:50	23	13	36	3	14.5	60	1.1	160	25
18/06/24 13:55	17	17	34	3	14.6	59	0.8	154	31
18/06/24 14:00	14	18	33	3	14.9	57	0.9	156	25
18/06/24 14:05	12	18	30	3	15.0	56	0.7	160	34
18/06/24 14:10	11	17	28	3	15.4	56	0.7	160	29
18/06/24 14:15	10	12	22	3	15.3	56	1.2	166	22
18/06/24 14:20	8	10	18	2	15.3	55	1.2	163	28
18/06/24 14:25	6	10	16	3	15.2	54	1.3	166	22
18/06/24 14:30	6	11	17	3	15.2	54	1.5	174	19
18/06/24 14:35	6	10	16	2	15.0	56	1.6	183	17
18/06/24 14:40	5	9	14	2	14.7	57	1.4	181	18
18/06/24 14:45	4	7	11	2	14.8	57	1.5	186	15
18/06/24 14:50	0	3	3	2	14.6	55	1.5	189	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/06/24 14:55	0	3	4	2	13.7	58	1.9	201	12
18/06/24 15:00	0	3	4	2	13.1	59	2.0	201	7
18/06/24 15:05	0	3	3	2	12.9	61	1.4	200	12
18/06/24 15:10	0	3	3	2	13.2	61	1.5	194	13
18/06/24 15:15	0	3	3	2	13.3	60	2.1	200	9
18/06/24 15:20	0	3	3	2	13.2	60	1.7	192	15
18/06/24 15:25	0	3	3	2	13.0	60	2.6	204	6
18/06/24 15:30	0	3	3	2	12.8	60	2.2	197	14
18/06/24 15:35	1	4	5	2	12.9	62	2.0	202	11
18/06/24 15:40	1	5	6	2	12.8	61	2.3	198	9
18/06/24 15:45	1	4	4	2	12.7	63	2.8	207	5
18/06/24 15:50	1	3	4	2	12.7	63	2.9	207	5
18/06/24 15:55	0	2	3	2	12.6	62	2.8	211	4
18/06/24 16:00	0	2	3	2	12.6	61	2.6	201	7
18/06/24 16:05	0	3	3	2	12.7	63	2.7	202	6
18/06/24 16:10	0	3	3	2	12.6	61	2.2	201	7
18/06/24 16:15	1	4	5	2	12.6	60	2.5	202	6
18/06/24 16:20	1	4	5	2	12.6	62	2.4	204	6
18/06/24 16:25	1	4	5	2	12.6	62	2.2	202	6
18/06/24 16:30	1	4	5	2	12.6	62	1.5	189	19
18/06/24 16:35	1	6	7	2	12.8	61	2.3	206	11
18/06/24 16:40	1	11	12	2	12.9	60	2.6	208	6
18/06/24 16:45	1	3	4	2	12.8	61	2.8	212	5
18/06/24 16:50	1	2	3	1	12.6	63	2.6	214	6
18/06/24 16:55	0	2	3	2	12.5	61	2.8	210	4
18/06/24 17:00	0	2	3	2	12.5	62	2.8	208	5
18/06/24 17:05	0	3	4	2	12.6	59	2.6	205	7
18/06/24 17:10	0	3	4	2	12.5	63	2.8	209	5
18/06/24 17:15	0	3	4	2	12.5	63	2.8	220	4
18/06/24 17:20	0	3	3	2	12.5	61	2.5	220	4
18/06/24 17:25	0	3	3	2	12.4	61	2.3	217	4
18/06/24 17:30	0	3	3	2	12.4	62	2.3	213	6
18/06/24 17:35	0	3	3	2	12.4	63	2.8	216	5
18/06/24 17:40	0	3	3	2	12.5	61	2.4	217	12
18/06/24 17:45	0	3	3	2	12.5	62	2.1	219	7
18/06/24 17:50	0	3	3	2	12.5	62	1.9	213	8
18/06/24 17:55	0	3	3	1	12.5	61	1.4	175	30
18/06/24 18:00	0	4	4	2	12.5	58	1.3	145	25
18/06/24 18:05	0	4	5	1	12.5	59	1.1	182	22
18/06/24 18:10	0	4	5	1	12.4	58	1.1	175	21
18/06/24 18:15	0	4	4	1	12.4	58	0.6	164	35
18/06/24 18:20	0	4	4	1	12.3	57	0.8	144	21
18/06/24 18:25	0	4	4	2	12.3	57	0.4	125	33
18/06/24 18:30	0	4	4	2	12.4	58	1.4	131	23
18/06/24 18:35	0	5	5	2	12.2	56	1.5	157	24
18/06/24 18:40	0	6	6	2	12.4	57	2.4	124	12
18/06/24 18:45	0	7	7	1	12.3	58	2.5	114	9
18/06/24 18:50	0	7	7	1	12.4	56	2.5	135	12
18/06/24 18:55	0	7	7	1	12.4	56	1.9	122	19
18/06/24 19:00	0	8	8	1	12.2	56	2.0	99	7
18/06/24 19:05	0	9	9	1	11.9	57	2.2	111	10
18/06/24 19:10	0	9	9	1	12.0	58	2.7	102	11
18/06/24 19:15	0	10	10	1	11.8	55	2.3	96	6
18/06/24 19:20	0	10	10	1	11.8	56	2.4	95	7
18/06/24 19:25	0	12	12	1	11.6	58	2.3	94	6
18/06/24 19:30	0	18	18	1	11.5	62	2.7	96	7
18/06/24 19:35	0	21	22	1	11.5	60	2.3	92	9
18/06/24 19:40	0	19	19	1	11.5	60	2.4	92	11
18/06/24 19:45	0	19	20	1	11.5	61	2.4	87	10
18/06/24 19:50	1	21	22	1	11.4	63	2.3	81	12
18/06/24 19:55	1	22	23	1	11.4	64	2.3	78	9
18/06/24 20:00	1	24	25	1	11.3	64	2.0	73	11
18/06/24 20:05	1	25	25	1	11.2	64	2.0	68	10
18/06/24 20:10	1	25	26	1	11.0	64	1.6	65	9
18/06/24 20:15	2	26	28	1	10.9	65	1.5	63	10
18/06/24 20:20	3	26	29	1	10.7	65	1.7	71	8
18/06/24 20:25	3	27	30	2	10.6	65	1.7	68	6
18/06/24 20:30	3	28	31	1	10.6	66	1.4	59	8
18/06/24 20:35	4	29	33	2	10.4	67	1.6	54	5
18/06/24 20:40	6	34	40	2	10.3	66	1.6	63	6
18/06/24 20:45	8	36	44	2	10.4	66	1.7	68	7
18/06/24 20:50	8	35	43	2	10.2	65	1.5	67	7
18/06/24 20:55	6	33	39	2	10.3	64	1.6	73	10
18/06/24 21:00	4	29	34	2	10.4	63	1.6	65	10
18/06/24 21:05	4	29	33	2	10.3	63	1.9	62	8
18/06/24 21:10	5	31	36	2	10.3	63	2.0	61	8
18/06/24 21:15	6	32	38	2	10.2	63	2.0	62	9
18/06/24 21:20	7	33	39	2	10.2	63	2.1	62	9
18/06/24 21:25	7	33	39	2	10.3	63	2.1	54	5
18/06/24 21:30	7	33	40	2	10.3	63	2.0	49	4
18/06/24 21:35	8	34	42	2	10.1	64	2.2	48	4
18/06/24 21:40	10	36	46	2	10.0	64	2.2	51	4
18/06/24 21:45	13	36	49	2	9.8	65	2.0	46	6
18/06/24 21:50	22	30	52	2	9.7	66	1.3	18	20
18/06/24 21:55	34	25	60	2	9.8	66	1.2	313	16
18/06/24 22:00	65	36	100	2	9.6	68	1.7	285	9

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/06/24 22:05	90	31	120	2	9.5	72	0.9	313	38
18/06/24 22:10	88	36	124	2	9.2	70	1.7	3	30
18/06/24 22:15	89	37	126	2	9.0	70	1.0	354	30
18/06/24 22:20	88	35	123	2	8.9	70	2.0	319	19
18/06/24 22:25	82	34	116	2	8.7	70	2.3	315	8
18/06/24 22:30	74	35	109	2	8.5	71	1.7	324	16
18/06/24 22:35	59	35	94	2	8.5	71	1.7	330	16
18/06/24 22:40	56	33	89	2	8.5	72	1.4	321	20
18/06/24 22:45	56	33	89	2	8.5	71	1.5	313	14
18/06/24 22:50	56	34	90	2	8.4	72	1.2	335	29
18/06/24 22:55	59	33	92	2	8.3	72	1.3	350	28
18/06/24 23:00	61	33	94	2	8.3	72	0.9	319	29
18/06/24 23:05	67	31	98	2	8.1	73	1.0	6	25
18/06/24 23:10	78	32	110	2	7.9	74	1.6	13	10
18/06/24 23:15	80	34	114	2	7.7	74	1.8	3	19
18/06/24 23:20	78	34	112	2	7.6	75	1.5	5	11
18/06/24 23:25	74	34	108	2	7.5	75	1.9	340	14
18/06/24 23:30	69	34	102	2	7.6	75	1.6	358	22
18/06/24 23:35	67	33	100	2	7.4	76	1.3	360	22
18/06/24 23:40	57	37	94	2	7.4	76	2.0	1	12
18/06/24 23:45	52	32	84	2	7.2	76	1.6	360	18
18/06/24 23:50	50	30	80		7.2	76	1.5	355	20
18/06/24 23:55	49	30	79		7.2	76	1.4	352	25
19/06/24 00:00	46	32	78	2	7.1	76	1.6	354	18
19/06/24 00:05	44	32	76	2	7.0	76	1.9	357	20
19/06/24 00:10	43	31	74	1	6.9	76	2.0	351	17
19/06/24 00:15	37	31	68	1	6.9	76	2.1	3	13
19/06/24 00:20	34	29	64	1	6.7	76	1.6	5	16
19/06/24 00:25	33	28	62	1	6.6	76	1.6	2	13
19/06/24 00:30	29	28	57	1	6.6	76	2.1	343	18
19/06/24 00:35	27	28	55	1	6.5	76	2.2	342	17
19/06/24 00:40	33	25	59	1	6.6	76	1.8	344	18
19/06/24 00:45	39	25	64	1	6.6	77	1.6	342	22
19/06/24 00:50	40	28	68	1	6.5	77	1.2	341	24
19/06/24 00:55	42	27	70	1	6.4	77	1.5	345	19
19/06/24 01:00	43	27	69	1	6.4	77	1.6	349	22
19/06/24 01:05					6.3	77	1.6	357	22
19/06/24 01:10					6.3	77	1.8	2	16
19/06/24 01:15					6.3	77	1.5	356	21
19/06/24 01:20					6.2	77	1.7	352	18
19/06/24 01:25					6.3	77	2.1	3	15
19/06/24 01:30					6.2	76	1.5	12	19
19/06/24 01:35					6.2	77	1.6	3	14
19/06/24 01:40					6.2	76	1.8	355	14
19/06/24 01:45					6.3	76	1.8	1	15
19/06/24 01:50					6.3	76	1.5	4	14
19/06/24 01:55					6.3	76	2.0	359	15
19/06/24 02:00					6.3	76	1.9	354	17
19/06/24 02:05	44	26	70	1	6.3	76	1.5	357	20
19/06/24 02:10	49	25	73	1	6.3	76	1.6	7	11
19/06/24 02:15	44	26	70	1	6.3	77	1.9	4	12
19/06/24 02:20	32	27	59	1	6.2	76	2.0	359	11
19/06/24 02:25	29	26	55	1	6.3	77	1.0	322	35
19/06/24 02:30	42	21	64	1	6.5	77	1.1	321	29
19/06/24 02:35	35	27	62	1	6.3	76	1.4	25	11
19/06/24 02:40	21	25	46	1	6.1	78	1.6	9	12
19/06/24 02:45	15	27	42	1	6.0	78	0.7	45	19
19/06/24 02:50	11	27	38	1	6.0	78	1.1	9	10
19/06/24 02:55	12	26	38	1	6.0	78	0.9	34	10
19/06/24 03:00	30	23	53	1	5.7	80	1.0	21	15
19/06/24 03:05	41	24	65	1	5.7	81	1.1	38	21
19/06/24 03:10	45	23	69	1	5.4	82	0.7	3	12
19/06/24 03:15	46	24	69	1	5.3	82	0.5	10	31
19/06/24 03:20	46	23	70	1	5.3	83	0.6	6	33
19/06/24 03:25	48	23	71	1	5.2	83	0.9	42	9
19/06/24 03:30	50	23	72	1	5.0	83	0.8	32	14
19/06/24 03:35	50	23	72	1	5.0	84	0.9	18	13
19/06/24 03:40	49	23	72	1	5.0	83	0.8	32	13
19/06/24 03:45	47	22	70	1	5.0	83	1.2	38	14
19/06/24 03:50	46	22	68	1	4.9	84	1.3	351	15
19/06/24 03:55	65	20	86	1	5.1	84	1.1	325	17
19/06/24 04:00	94	25	119	1	5.3	83	1.2	337	23
19/06/24 04:05	95	25	119	1	5.2	82	1.5	4	17
19/06/24 04:10	87	26	113	1	4.9	83	1.1	31	15
19/06/24 04:15	67	27	94	1	4.7	84	1.5	40	9
19/06/24 04:20	47	23	71	1	4.6	85	1.3	39	11
19/06/24 04:25	35	19	54	1	4.5	85	1.2	20	12
19/06/24 04:30	36	20	57	1	4.6	85	1.0	9	14
19/06/24 04:35	38	21	59	1	4.5	86	0.7	3	25
19/06/24 04:40	42	20	62	1	4.6	86	0.9	352	20
19/06/24 04:45	43	20	63	1	4.5	85	1.2	10	16
19/06/24 04:50	47	18	65	1	4.4	86	1.0	46	17
19/06/24 04:55	37	12	50	1	4.2	86	1.2	59	8
19/06/24 05:00	21	19	40	1	4.2	87	0.9	60	9
19/06/24 05:05	18	16	34	1	4.1	87	0.8	62	9
19/06/24 05:10	15	15	30	1	4.1	87	0.4	45	21

Station Pier Ambient Air Quality Monitoring
June 2024
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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/06/24 05:15	13	16	29	1	4.2	87	0.6	15	14
19/06/24 05:20	13	17	30	1	4.2	87	0.5	43	6
19/06/24 05:25	15	16	31	1	4.2	87	0.7	2	21
19/06/24 05:30	29	16	45	1	4.2	87	1.0	15	16
19/06/24 05:35	25	17	42	1	4.1	86	0.8	16	15
19/06/24 05:40	17	16	33	1	4.1	86	0.9	27	12
19/06/24 05:45	34	14	48	0	3.9	87	1.4	343	12
19/06/24 05:50	64	24	87	1	4.1	86	1.2	5	16
19/06/24 05:55	62	22	85	1	4.0	86	1.2	335	20
19/06/24 06:00	65	21	87	1	4.0	85	0.9	6	25
19/06/24 06:05	73	16	89	1	3.8	85	1.2	50	21
19/06/24 06:10	78	21	99	1	3.7	86	0.6	55	22
19/06/24 06:15	76	22	97	1	3.7	87	0.9	43	15
19/06/24 06:20	49	19	67	1	3.6	86	1.4	54	12
19/06/24 06:25	40	17	58	1	3.6	86	1.2	60	11
19/06/24 06:30	39	18	58	1	3.5	86	0.9	62	11
19/06/24 06:35	31	18	49	1	3.5	86	1.2	48	10
19/06/24 06:40	32	18	50	1	3.3	86	1.3	24	12
19/06/24 06:45	35	19	54	1	3.3	86	1.1	21	12
19/06/24 06:50	47	20	66	1	3.3	86	1.2	41	10
19/06/24 06:55	53	21	74	1	3.3	86	1.0	40	13
19/06/24 07:00	59	23	83	1	3.2	87	0.8	15	13
19/06/24 07:05	66	22	88	1	3.2	87	1.1	50	6
19/06/24 07:10	65	20	85	1	3.2	87	1.1	45	8
19/06/24 07:15	63	20	83	1	3.2	87	0.8	34	10
19/06/24 07:20	71	14	85	1	3.3	87	0.7	44	13
19/06/24 07:25	77	20	97	1	3.2	87	0.8	47	8
19/06/24 07:30	73	24	97	1	3.3	87	0.9	33	20
19/06/24 07:35	75	24	99	1	3.3	87	0.9	14	10
19/06/24 07:40	94	20	114	1	3.4	86	1.3	355	17
19/06/24 07:45	118	27	145	1	3.5	85	1.4	348	22
19/06/24 07:50	115	26	140	1	3.5	84	1.7	357	18
19/06/24 07:55	111	28	139	1	3.7	84	1.4	333	23
19/06/24 08:00	117	23	140	1	3.8	83	1.7	343	25
19/06/24 08:05	121	25	146	1	3.8	83	1.6	8	17
19/06/24 08:10	121	27	147	1	3.9	82	1.9	8	12
19/06/24 08:15	111	25	136	1	4.2	81	1.8	15	14
19/06/24 08:20	97	29	126	1	4.5	79	1.5	27	25
19/06/24 08:25	96	29	125	1	4.6	78	1.1	58	13
19/06/24 08:30	92	25	116	1	4.9	77	1.3	49	12
19/06/24 08:35	85	26	111	1	5.2	76	0.8	46	15
19/06/24 08:40	82	26	108	1	5.5	75	0.6	42	17
19/06/24 08:45	84	26	109	1	5.8	73	0.9	51	16
19/06/24 08:50	86	26	112	1	5.9	72	1.0	45	11
19/06/24 08:55	89	25	114	1	6.1	72	0.9	45	15
19/06/24 09:00	94	24	118	1	6.4	71	0.8	43	16
19/06/24 09:05	94	25	120	1	6.5	70	0.9	64	15
19/06/24 09:10	102	26	128	1	6.5	70	1.0	64	11
19/06/24 09:15	97	27	124	1	6.4	70	1.3	62	11
19/06/24 09:20	96	25	121	1	6.4	71	0.9	43	18
19/06/24 09:25	96	23	119	1	6.8	70	0.8	51	20
19/06/24 09:30	95	24	120	1	7.1	69	0.4	67	38
19/06/24 09:35	94	26	121	2	7.5	67	0.7	50	25
19/06/24 09:40	97	26	123	2	7.7	66	0.9	49	21
19/06/24 09:45	92	29	121	1	7.8	66	1.4	6	19
19/06/24 09:50	61	28	88	1	7.7	66	1.2	359	24
19/06/24 09:55	60	26	86	1	7.9	65	1.4	1	17
19/06/24 10:00	60	26	87	2	8.1	65	1.5	356	14
19/06/24 10:05	61	27	88	2	8.0	66	1.3	326	24
19/06/24 10:10	61	26	88	2	7.9	67	1.3	319	22
19/06/24 10:15	62	26	88	1	7.9	67	1.9	319	20
19/06/24 10:20	65	26	91	2	7.7	67	1.5	351	34
19/06/24 10:25	70	25	95	2	8.1	66	1.8	2	17
19/06/24 10:30	73	26	99	2	8.3	65	1.3	4	30
19/06/24 10:35	73	26	99	1	8.7	64	1.4	353	21
19/06/24 10:40	72	25	96	1	9.0	64	0.9	348	43
19/06/24 10:45	70	25	95	2	9.2	62	1.3	339	28
19/06/24 10:50	64	22	86	1	9.2	62	1.6	12	16
19/06/24 10:55	56	25	81	1	9.6	61	1.3	356	28
19/06/24 11:00	54	26	79	1	10.0	61	0.5	335	54
19/06/24 11:05	52	26	79	1	10.1	60	1.3	319	20
19/06/24 11:10	52	27	78	1	10.3	60	1.1	344	32
19/06/24 11:15	50	26	76	1	10.7	58	1.2	30	22
19/06/24 11:20	48	26	74	1	10.7	58	1.0	360	37
19/06/24 11:25	42	25	66	1	10.9	57	1.0	313	29
19/06/24 11:30	34	26	60	1	11.0	58	0.9	339	51
19/06/24 11:35	32	25	57	1	11.1	56	1.1	327	31
19/06/24 11:40	31	24	54	1	11.2	57	1.0	4	46
19/06/24 11:45	23	16	39	2	11.5	55	1.2	37	28
19/06/24 11:50	20	19	40	2	11.7	55	1.5	32	19
19/06/24 11:55	23	23	46	1	11.8	55	1.6	27	18
19/06/24 12:00	27	26	53	2	11.7	55	1.8	37	16
19/06/24 12:05	31	25	55	2	11.9	55	1.3	26	34
19/06/24 12:10	29	25	54	2	11.9	55	1.0	313	37
19/06/24 12:15	29	25	54	2	12.1	54	1.2	67	21
19/06/24 12:20	29	25	54	2	12.3	54	1.0	30	44

Station Pier Ambient Air Quality Monitoring

June 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/06/24 12:25	29	24	53	2	12.1	55	1.0	325	23
19/06/24 12:30	28	23	52	2	12.3	55	0.9	121	49
19/06/24 12:35	27	23	50	2	12.5	56	1.5	171	28
19/06/24 12:40	26	24	50	2	12.5	58	1.6	195	18
19/06/24 12:45	25	24	49	2	12.2	56	2.1	214	9
19/06/24 12:50	24	24	48	2	12.1	57	2.2	205	12
19/06/24 12:55	24	23	47	2	11.8	61	2.2	207	11
19/06/24 13:00	23	22	44	2	11.8	61	3.0	209	4
19/06/24 13:05	22	21	43	2	11.7	63	2.9	211	7
19/06/24 13:10	22	21	43	2	11.7	63	2.8	209	4
19/06/24 13:15	22	21	43	2	11.6	64	2.6	214	4
19/06/24 13:20	22	20	42	2	11.6	62	1.9	218	7
19/06/24 13:25	21	20	41	2	11.8	62	2.1	212	7
19/06/24 13:30	20	20	40	2	12.2	61	1.1	196	28
19/06/24 13:35	19	19	38	2	12.7	57	0.3	315	79
19/06/24 13:40	18	19	37	2	12.6	57	0.6	133	67
19/06/24 13:45	17	18	36	2	12.9	56	0.7	98	52
19/06/24 13:50	11	14	25	2	13.2	50	1.4	33	34
19/06/24 13:55	6	10	15	2	13.1	51	1.2	295	28
19/06/24 14:00	5	9	14	2	12.8	51	1.1	3	43
19/06/24 14:05	5	10	15	2	12.8	51	1.4	43	27
19/06/24 14:10	5	10	15	2	12.8	51	1.6	27	17
19/06/24 14:15	5	10	15	2	12.9	51	1.8	23	29
19/06/24 14:20	5	9	14	2	12.9	51	0.8	337	45
19/06/24 14:25	4	9	13	2	13.1	51	0.7	288	37
19/06/24 14:30	4	9	13	2	13.1	50	1.6	333	46
19/06/24 14:35	4	9	13	2	13.2	49	1.7	14	32
19/06/24 14:40	4	9	13	2	13.4	48	1.6	3	30
19/06/24 14:45	4	9	13	2	13.4	47	1.7	348	33
19/06/24 14:50	3	9	12	2	13.4	48	1.7	348	34
19/06/24 14:55	3	9	12	2	13.5	48	1.4	8	29
19/06/24 15:00	3	9	12	2	13.5	47	2.1	11	24
19/06/24 15:05	3	9	12	2	13.5	47	2.3	26	22
19/06/24 15:10	3	9	12	2	13.5	47	1.9	18	21
19/06/24 15:15	3	9	12	2	13.5	47	2.8	29	14
19/06/24 15:20	3	9	12	2	13.4	47	2.7	38	13
19/06/24 15:25	3	9	12	2	13.4	47	2.3	25	17
19/06/24 15:30	3	9	13	2	13.4	47	2.6	41	14
19/06/24 15:35	3	9	13	2	13.4	48	1.4	345	53
19/06/24 15:40	3	9	12	2	13.2	49	0.5	305	44
19/06/24 15:45	3	9	12	2	13.5	47	1.6	45	21
19/06/24 15:50	3	9	12	2	13.4	47	1.9	32	19
19/06/24 15:55	3	10	12	2	13.2	48	1.3	26	17
19/06/24 16:00	2	10	13	2	13.1	48	1.3	32	15
19/06/24 16:05	2	11	13	2	13.1	48	2.0	30	17
19/06/24 16:10	3	12	14	2	12.9	50	1.2	26	22
19/06/24 16:15	3	12	15	2	12.8	50	1.6	16	19
19/06/24 16:20	2	13	15	2	12.6	51	1.4	30	19
19/06/24 16:25	3	14	17	2	12.5	52	2.0	34	15
19/06/24 16:30	3	15	18	2	12.5	53	1.9	28	14
19/06/24 16:35	3	16	19	2	12.6	53	2.1	30	13
19/06/24 16:40	3	16	19	2	12.6	54	2.1	36	13
19/06/24 16:45	3	16	19	2	12.4	54	2.3	32	13
19/06/24 16:50	3	17	19	2	12.2	55	1.8	23	20
19/06/24 16:55	3	17	20	2	12.1	56	1.9	18	22
19/06/24 17:00	3	17	20	1	11.9	57	1.9	14	25
19/06/24 17:05	3	17	20	1	11.9	58	2.3	11	19
19/06/24 17:10	2	17	19	1	11.8	58	2.4	19	20
19/06/24 17:15	2	17	19	1	11.7	58	1.7	20	24
19/06/24 17:20	2	18	20	1	11.7	59	2.2	27	15
19/06/24 17:25	2	18	20	1	11.6	59	1.1	31	25
19/06/24 17:30	2	19	21	1	11.4	60	1.2	23	28
19/06/24 17:35	2	20	22	1	11.4	60	2.7	12	15
19/06/24 17:40	2	20	22	1	11.3	60	1.9	25	20
19/06/24 17:45	2	19	21	1	11.3	60	2.1	23	19
19/06/24 17:50	2	19	21	1	11.2	60	1.7	19	20
19/06/24 17:55	2	20	22	1	11.1	61	1.6	26	24
19/06/24 18:00	2	21	23	1	11.1	61	2.7	30	21
19/06/24 18:05	2	20	22	1	11.1	60	2.5	32	15
19/06/24 18:10	2	19	20	1	11.0	60	2.4	36	14
19/06/24 18:15	1	18	19	1	11.1	60	1.8	44	15
19/06/24 18:20	1	18	19	1	10.8	61	2.3	30	23
19/06/24 18:25	1	18	19	1	10.9	60	2.6	31	19
19/06/24 18:30	1	16	17	1	10.9	60	2.7	37	15
19/06/24 18:35	1	15	16	1	10.8	61	2.4	45	14
19/06/24 18:40	1	16	17	1	10.7	61	2.1	57	19
19/06/24 18:45	2	19	21	1	10.5	63	1.3	50	18
19/06/24 18:50	2	27	29	1	10.2	65	1.5	53	13
19/06/24 18:55	3	27	29	1	10.2	65	1.7	36	15
19/06/24 19:00	2	25	28	1	10.2	65	1.7	38	19
19/06/24 19:05	2	21	23	1	10.2	64	1.6	40	17
19/06/24 19:10	2	19	21	1	10.2	64	1.6	38	17
19/06/24 19:15	2	16	18	1	10.2	64	2.3	21	19
19/06/24 19:20	1	14	15	1	10.3	63	2.2	24	25
19/06/24 19:25	1	13	14	1	10.2	63	1.9	23	23
19/06/24 19:30	1	13	14	1	10.1	64	1.6	10	21

Station Pier Ambient Air Quality Monitoring
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Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/06/24 19:35	1	15	16	1	10.0	65	1.8	20	21
19/06/24 19:40	1	16	17	1	9.9	65	1.8	19	23
19/06/24 19:45	1	17	18	1	9.8	65	2.6	16	15
19/06/24 19:50	1	17	19	1	9.8	66	1.6	21	24
19/06/24 19:55	1	18	20	1	9.6	66	2.1	21	22
19/06/24 20:00	2	19	20	1	9.4	67	1.6	23	26
19/06/24 20:05	2	19	21	1	9.5	67	2.1	18	21
19/06/24 20:10	2	19	21	0	9.3	68	2.3	17	23
19/06/24 20:15	2	19	21	0	9.3	68	2.3	14	22
19/06/24 20:20	2	20	22	1	9.2	68	2.8	12	17
19/06/24 20:25	2	20	22	1	9.2	69	2.2	18	22
19/06/24 20:30	2	21	23	0	9.1	69	1.8	12	23
19/06/24 20:35	3	21	24	0	9.1	69	2.0	22	22
19/06/24 20:40	3	21	24	0	9.0	69	2.2	32	24
19/06/24 20:45	3	22	24	1	9.0	70	2.3	22	25
19/06/24 20:50	3	22	25	1	8.9	70	2.1	28	23
19/06/24 20:55	3	23	26	1	8.8	70	2.1	30	20
19/06/24 21:00	4	25	29	1	8.8	70	1.8	30	24
19/06/24 21:05	4	24	29	1	8.7	71	2.1	23	22
19/06/24 21:10	5	24	29	1	8.6	71	1.6	25	26
19/06/24 21:15	5	24	30	1	8.6	71	1.6	28	25
19/06/24 21:20	5	24	30	1	8.5	71	2.2	34	19
19/06/24 21:25	5	24	30	1	8.5	72	2.0	31	20
19/06/24 21:30	5	24	29	1	8.4	72	1.7	25	28
19/06/24 21:35	5	24	29	1	8.4	72	1.9	22	26
19/06/24 21:40	5	24	30	1	8.4	72	1.4	33	26
19/06/24 21:45	5	24	29	1	8.3	72	1.6	30	24
19/06/24 21:50	5	24	29	1	8.3	72	1.9	30	22
19/06/24 21:55	4	23	28	1	8.3	72	2.1	33	22
19/06/24 22:00	3	23	26	0	8.3	71	2.3	35	18
19/06/24 22:05	3	21	24	0	8.3	71	2.4	33	18
19/06/24 22:10	3	19	22	0	8.3	71	1.8	34	22
19/06/24 22:15	2	18	20	0	8.3	71	2.7	29	17
19/06/24 22:20	2	18	20	0	8.3	71	2.6	31	13
19/06/24 22:25	2	18	20	0	8.3	71	2.3	30	16
19/06/24 22:30	2	18	20	0	8.4	71	1.9	33	26
19/06/24 22:35	2	18	20	0	8.3	71	2.4	37	14
19/06/24 22:40	1	17	19	0	8.4	70	2.4	38	13
19/06/24 22:45	1	17	18	0	8.6	70	2.3	36	19
19/06/24 22:50	1	16	17	0	8.5	70	2.2	35	16
19/06/24 22:55	1	15	16	0	8.5	69	2.7	32	18
19/06/24 23:00	1	15	16	0	8.6	69	2.2	31	18
19/06/24 23:05	1	15	15	0	8.6	69	1.6	38	23
19/06/24 23:10	1	14	15	0	8.6	69	2.3	38	19
19/06/24 23:15	1	14	15	0	8.6	69	1.8	29	22
19/06/24 23:20	1	14	15	0	8.6	69	2.1	36	14
19/06/24 23:25	1	14	15	0	8.6	69	2.2	27	18
19/06/24 23:30	1	14	15	0	8.6	69	1.4	44	19
19/06/24 23:35	1	14	14	0	8.8	69	2.9	39	14
19/06/24 23:40	0	13	14	0	8.9	68	3.0	37	16
19/06/24 23:45	0	13	13	0	9.0	68	2.2	41	21
19/06/24 23:50	0	13	13		8.9	68	1.9	49	14
19/06/24 23:55	1	13	14		8.5	69	2.2	46	14
20/06/24 00:00	0	14	15	1	8.4	70	1.7	46	20
20/06/24 00:05	0	15	15	1	8.3	71	1.5	50	24
20/06/24 00:10	0	15	15	1	8.2	71	1.6	59	16
20/06/24 00:15	0	15	15	1	7.9	72	2.1	66	12
20/06/24 00:20	0	15	15	1	7.9	73	1.9	54	12
20/06/24 00:25	0	14	14	1	7.8	74	2.1	49	23
20/06/24 00:30	0	14	14	1	7.8	73	2.1	63	11
20/06/24 00:35	0	13	13	1	7.8	74	1.9	54	17
20/06/24 00:40	0	12	13	1	7.8	73	2.0	63	14
20/06/24 00:45	1	12	13	1	7.7	73	1.7	57	14
20/06/24 00:50	2	11	12	1	7.7	74	1.1	54	24
20/06/24 00:55	1	10	11	1	7.7	73	1.4	61	17
20/06/24 01:00	1	10	10	1	7.9	73	1.3	54	30
20/06/24 01:05					8.1	72	1.8	55	20
20/06/24 01:10					8.1	72	1.8	68	12
20/06/24 01:15					8.0	72	1.2	65	18
20/06/24 01:20					8.0	72	1.8	62	15
20/06/24 01:25					7.9	72	1.6	56	22
20/06/24 01:30					7.9	72	0.8	79	30
20/06/24 01:35					7.9	73	1.0	105	15
20/06/24 01:40					7.9	73	1.5	99	25
20/06/24 01:45					7.7	74	2.5	99	8
20/06/24 01:50					7.7	74	1.7	86	19
20/06/24 01:55					7.6	74	1.5	62	14
20/06/24 02:00					7.5	74	1.8	60	12
20/06/24 02:05	0	8	8	1	7.3	75	1.7	60	14
20/06/24 02:10	0	8	8	1	7.4	75	1.9	59	9
20/06/24 02:15	0	8	8	1	7.3	75	1.8	54	12
20/06/24 02:20	0	8	9	1	7.4	75	2.0	53	12
20/06/24 02:25	0	9	9	1	7.4	74	1.8	57	10
20/06/24 02:30	0	9	9	1	7.5	74	1.6	62	14
20/06/24 02:35	0	9	9	1	7.7	74	1.3	53	16
20/06/24 02:40	0	9	9	1	7.8	73	1.3	50	19

Station Pier Ambient Air Quality Monitoring

June 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/06/24 02:45	0	9	9	1	7.9	72	1.5	61	9
20/06/24 02:50	0	8	8	1	7.9	72	1.6	74	13
20/06/24 02:55	0	8	8	1	7.9	72	1.9	66	9
20/06/24 03:00	0	8	8	0	7.8	72	1.7	77	14
20/06/24 03:05	0	7	7	0	7.7	73	1.8	83	12
20/06/24 03:10	0	7	7	0	7.6	73	1.7	73	14
20/06/24 03:15	0	7	7	0	7.5	73	1.5	69	15
20/06/24 03:20	0	6	6	0	7.5	74	1.7	68	15
20/06/24 03:25	0	6	6	0	7.5	74	1.6	62	14
20/06/24 03:30	0	6	6	0	7.4	73	1.8	58	14
20/06/24 03:35	0	6	6	0	7.4	74	1.8	55	12
20/06/24 03:40	0	6	6	0	7.4	73	1.6	73	16
20/06/24 03:45	0	6	6	0	7.5	73	1.5	67	18
20/06/24 03:50	0	6	6	0	7.5	73	1.3	68	18
20/06/24 03:55	0	6	6	0	7.6	73	1.9	60	11
20/06/24 04:00	0	6	7	0	7.5	73	1.7	58	13
20/06/24 04:05	0	7	7	0	7.6	73	1.6	63	15
20/06/24 04:10	0	7	7	0	7.7	72	1.6	62	18
20/06/24 04:15	0	7	7	0	7.7	72	1.7	64	14
20/06/24 04:20	0	7	7	0	7.8	72	1.1	69	18
20/06/24 04:25	0	7	7	0	7.8	72	1.2	61	16
20/06/24 04:30	0	7	7	0	7.7	72	1.0	79	19
20/06/24 04:35	0	7	8	0	7.8	72	0.8	59	21
20/06/24 04:40	0	7	7	0	7.7	72	1.4	43	11
20/06/24 04:45	0	7	7	0	7.6	73	1.8	51	8
20/06/24 04:50	0	7	8	0	7.6	73	1.7	54	10
20/06/24 04:55	0	7	7	0	7.6	73	1.3	50	17
20/06/24 05:00	0	7	7	0	7.6	74	1.5	57	12
20/06/24 05:05	0	8	8	0	7.6	74	1.4	60	14
20/06/24 05:10	0	8	8	0	7.6	74	1.2	72	15
20/06/24 05:15	0	9	9	0	7.5	73	1.6	55	14
20/06/24 05:20	0	9	9	0	7.7	73	1.0	40	25
20/06/24 05:25	0	9	9	0	7.6	73	0.8	32	18
20/06/24 05:30	0	9	9	0	7.6	73	0.9	36	11
20/06/24 05:35	0	9	10	0	7.6	73	1.0	39	9
20/06/24 05:40	1	10	10	0	7.6	73	1.1	55	15
20/06/24 05:45	1	10	11	0	7.6	73	1.6	53	9
20/06/24 05:50	1	11	11	0	7.5	73	1.8	60	10
20/06/24 05:55	1	11	12	0	7.6	73	1.9	54	12
20/06/24 06:00	2	12	14	0	7.6	73	1.9	52	11
20/06/24 06:05	2	13	15	0	7.6	73	1.8	55	12
20/06/24 06:10	3	17	20	0	7.6	73	1.7	59	13
20/06/24 06:15	7	23	30	0	7.6	73	1.5	69	17
20/06/24 06:20	11	17	28	0	7.6	73	1.6	62	13
20/06/24 06:25	8	18	26	0	7.6	73	1.3	67	15
20/06/24 06:30	6	18	25	1	7.7	73	1.0	70	23
20/06/24 06:35	7	18	25	1	7.7	73	1.0	62	20
20/06/24 06:40	7	18	25	1	7.7	73	1.6	60	11
20/06/24 06:45	7	18	26	0	7.7	73	1.6	59	14
20/06/24 06:50	8	18	27	0	7.6	73	1.5	52	13
20/06/24 06:55	8	19	27	0	7.7	73	1.6	60	16
20/06/24 07:00	9	19	28	0	7.7	73	2.1	63	12
20/06/24 07:05	9	19	28	0	7.7	73	2.0	65	11
20/06/24 07:10	10	19	29	0	7.7	73	2.2	69	15
20/06/24 07:15	11	19	30	0	7.7	72	2.2	77	14
20/06/24 07:20	9	23	32	0	7.8	72	1.9	76	15
20/06/24 07:25	12	24	35	0	7.8	72	1.8	70	13
20/06/24 07:30	15	22	37	0	7.8	72	1.5	70	18
20/06/24 07:35	19	21	40	1	7.8	71	1.8	62	14
20/06/24 07:40	19	20	39	0	7.9	71	1.4	72	20
20/06/24 07:45	12	20	32	0	7.9	71	1.7	81	14
20/06/24 07:50	13	20	33	0	8.0	71	1.9	81	14
20/06/24 07:55	11	19	30	0	7.9	71	2.6	81	11
20/06/24 08:00	39	22	61	0	8.1	71	2.8	78	12
20/06/24 08:05	25	20	46	0	8.0	71	2.0	74	17
20/06/24 08:10	22	18	41	0	8.1	71	2.3	62	14
20/06/24 08:15	31	20	51	0	8.1	70	2.2	61	11
20/06/24 08:20	39	28	67	1	8.1	71	1.5	75	16
20/06/24 08:25	32	24	56	1	8.2	70	1.8	79	13
20/06/24 08:30	30	21	51	1	8.3	70	1.7	77	13
20/06/24 08:35	23	20	43	1	8.3	69	2.0	81	9
20/06/24 08:40	22	17	39	0	8.4	69	2.0	62	15
20/06/24 08:45	25	21	46	1	8.4	69	2.1	55	11
20/06/24 08:50	23	20	43	1	8.4	69	1.7	58	12
20/06/24 08:55	25	20	44	1	8.5	69	1.5	57	14
20/06/24 09:00	28	21	49	1	8.6	68	0.8	45	17
20/06/24 09:05	30	21	51	1	8.6	68	0.8	62	19
20/06/24 09:10	30	21	51	1	8.8	67	0.6	37	27
20/06/24 09:15	28	21	49	1	8.8	67	1.0	43	14
20/06/24 09:20	30	24	53	1	8.9	66	1.0	46	13
20/06/24 09:25	31	21	53	1	8.9	66	0.7	50	14
20/06/24 09:30	32	21	53	1	9.0	66	0.3	59	24
20/06/24 09:35	38	22	60	1	9.3	67	0.3	106	54
20/06/24 09:40	46	23	69	1	9.5	66	0.7	32	25
20/06/24 09:45	42	23	65	1	9.6	65	1.1	346	33
20/06/24 09:50	33	19	52	1	9.5	64	1.5	334	27

Station Pier Ambient Air Quality Monitoring

June 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/06/24 09:55	31	20	50	1	9.4	65	1.7	334	25
20/06/24 10:00	31	19	50	1	9.3	66	1.6	336	30
20/06/24 10:05	30	19	49	1	9.2	67	1.6	333	29
20/06/24 10:10	26	18	44	1	9.3	66	1.4	328	31
20/06/24 10:15	19	19	38	1	9.3	66	1.6	335	22
20/06/24 10:20	20	18	38	1	9.4	66	1.1	334	33
20/06/24 10:25	21	19	39	1	9.5	66	1.2	339	28
20/06/24 10:30	24	20	43	1	9.6	66	1.3	360	29
20/06/24 10:35	28	21	49	1	9.7	65	1.8	28	22
20/06/24 10:40	28	20	48	1	9.8	65	1.7	28	15
20/06/24 10:45	26	21	47	1	9.9	64	1.2	32	17
20/06/24 10:50	24	22	46	1	10.2	64	1.3	30	19
20/06/24 10:55	24	22	46	1	10.3	63	0.7	2	28
20/06/24 11:00	26	21	47	1	10.3	62	0.7	24	34
20/06/24 11:05	28	21	49	1	10.4	62	0.7	83	22
20/06/24 11:10	30	22	52	1	10.7	62	1.0	121	16
20/06/24 11:15	33	23	55	1	10.9	62	0.9	153	29
20/06/24 11:20	30	21	50	1	10.9	62	1.2	139	25
20/06/24 11:25	36	22	58	1	11.1	63	1.8	115	14
20/06/24 11:30	29	21	50	1	11.1	63	2.1	104	5
20/06/24 11:35	37	23	59	1	11.2	63	2.2	112	6
20/06/24 11:40	28	21	49	1	11.6	61	1.4	126	16
20/06/24 11:45	23	17	40	1	12.0	60	1.4	122	18
20/06/24 11:50	22	17	39	1	12.4	57	1.6	129	18
20/06/24 11:55	21	17	39	1	12.5	58	1.2	164	24
20/06/24 12:00	21	18	39	1	12.4	59	1.3	199	19
20/06/24 12:05	19	17	36	1	11.8	61	1.3	206	15
20/06/24 12:10	18	17	35	1	11.8	60	0.8	169	34
20/06/24 12:15	16	18	34	1	12.0	61	1.1	203	17
20/06/24 12:20	14	14	28	1	12.1	60	0.7	184	28
20/06/24 12:25	12	13	26	1	12.7	56	0.7	154	27
20/06/24 12:30	12	13	24	1	13.2	55	0.5	148	35
20/06/24 12:35	10	12	22	1	13.5	52	0.3	191	35
20/06/24 12:40	9	12	21	1	13.2	55	0.8	191	21
20/06/24 12:45	9	13	21	1	13.0	56	1.2	187	13
20/06/24 12:50	9	13	22	1	12.7	57	1.4	185	17
20/06/24 12:55	9	13	22	1	12.8	55	1.6	169	12
20/06/24 13:00	9	13	22	1	12.8	56	1.1	169	17
20/06/24 13:05	13	18	30	1	12.9	60	1.3	195	13
20/06/24 13:10	9	13	23	1	12.5	61	1.7	204	4
20/06/24 13:15	9	13	23	1	12.4	61	1.4	199	5
20/06/24 13:20	9	14	23	1	12.4	61	1.6	203	8
20/06/24 13:25	9	13	22	1	12.3	63	1.8	213	7
20/06/24 13:30	8	13	21	1	12.1	63	1.9	216	4
20/06/24 13:35	8	12	20	1	12.2	62	2.2	202	4
20/06/24 13:40	8	12	20	1	12.3	58	2.3	199	2
20/06/24 13:45	8	12	20	1	12.4	59	2.3	200	2
20/06/24 13:50	8	12	20	1	12.4	61	2.4	199	4
20/06/24 13:55	8	12	20	1	12.6	62	1.9	189	13
20/06/24 14:00	9	13	22	1	13.3	57	1.9	182	16
20/06/24 14:05	12	15	27	1	13.8	57	2.1	178	19
20/06/24 14:10	16	12	28	1	14.0	57	1.9	179	15
20/06/24 14:15	13	14	27	1	14.1	57	2.1	187	16
20/06/24 14:20	13	15	28	1	14.0	58	1.7	183	18
20/06/24 14:25	14	16	30	1	14.1	58	1.8	189	14
20/06/24 14:30	12	16	28	1	13.7	57	2.0	186	13
20/06/24 14:35	11	15	25	1	13.5	60	1.8	187	13
20/06/24 14:40	10	15	25	1	13.1	61	1.7	187	17
20/06/24 14:45	9	15	24	1	12.6	63	1.7	191	17
20/06/24 14:50	9	15	24	1	12.4	65	1.8	189	15
20/06/24 14:55	8	16	24	1	12.4	64	2.0	189	13
20/06/24 15:00	8	16	24	1	12.2	66	1.9	190	13
20/06/24 15:05	9	17	26	0	12.2	68	2.3	187	10
20/06/24 15:10	10	18	28	0	12.1	69	2.1	189	11
20/06/24 15:15	11	21	33	0	12.1	70	1.8	190	13
20/06/24 15:20	11	19	30	1	12.1	70	1.8	193	14
20/06/24 15:25	10	18	29	1	12.1	68	1.9	194	11
20/06/24 15:30	9	17	26	1	12.1	68	1.5	193	13
20/06/24 15:35	9	17	26	1	12.2	68	1.5	193	11
20/06/24 15:40	8	13	21	1	12.2	66	1.5	190	12
20/06/24 15:45	8	16	24	1	12.1	69	1.7	191	10
20/06/24 15:50	7	18	25	1	12.2	68	1.8	193	11
20/06/24 15:55	7	17	23	1	12.2	69	2.0	191	12
20/06/24 16:00	6	16	22	1	12.1	68	2.4	190	10
20/06/24 16:05	5	13	18	1	12.0	69	2.1	189	14
20/06/24 16:10	4	11	15	1	12.1	69	2.3	192	10
20/06/24 16:15	4	12	17	1	12.0	69	1.7	192	13
20/06/24 16:20	5	14	19	1	12.1	67	2.0	193	10
20/06/24 16:25	4	13	17	1	12.1	66	2.1	193	11
20/06/24 16:30	3	8	11	0	12.1	70	2.7	204	7
20/06/24 16:35	2	7	9	0	12.0	71	3.1	211	4
20/06/24 16:40	2	8	9	0	12.0	71	2.9	212	4
20/06/24 16:45	1	8	9	0	12.0	73	2.9	218	4
20/06/24 16:50	1	8	9	0	12.1	73	2.9	222	5
20/06/24 16:55	1	8	9	0	12.1	73	2.7	223	5
20/06/24 17:00	12	17	29	0	12.1	71	2.5	227	5

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/06/24 17:05	2	11	13	1	12.1	72	2.4	229	5
20/06/24 17:10	0	8	8	1	12.2	73	2.4	227	5
20/06/24 17:15	0	8	8	1	12.3	73	2.5	233	5
20/06/24 17:20	0	7	8	1	12.2	74	2.4	239	5
20/06/24 17:25	0	7	7	0	12.2	74	2.4	236	4
20/06/24 17:30	0	7	7	1	12.3	74	2.3	237	8
20/06/24 17:35	0	9	9	1	12.5	73	2.2	220	13
20/06/24 17:40	0	9	9	1	12.5	72	1.1	172	33
20/06/24 17:45	0	9	9	0	12.5	69	1.1	166	40
20/06/24 17:50	0	10	9	0	12.6	69	1.4	165	39
20/06/24 17:55	0	9	9	0	12.4	67	2.6	153	25
20/06/24 18:00	0	9	9	0	12.4	68	3.6	142	14
20/06/24 18:05	0	9	9	0	12.3	69	3.5	137	19
20/06/24 18:10	0	8	8	0	12.2	68	3.4	136	15
20/06/24 18:15	0	8	8	1	12.2	70	4.1	134	12
20/06/24 18:20	0	7	7	1	12.2	72	3.4	131	12
20/06/24 18:25	0	7	7	1	12.2	72	2.4	126	17
20/06/24 18:30	0	7	7	1	12.1	72	2.3	128	17
20/06/24 18:35	0	7	7	1	12.0	71	2.7	132	12
20/06/24 18:40	0	7	7	1	12.1	70	2.3	129	18
20/06/24 18:45	0	7	7	1	12.1	71	1.8	128	20
20/06/24 18:50	0	7	7	1	12.1	71	2.6	130	13
20/06/24 18:55	0	7	7	1	12.1	72	2.6	133	11
20/06/24 19:00	0	7	7	1	12.2	72	3.2	133	13
20/06/24 19:05	0	7	8	1	12.1	72	3.2	137	10
20/06/24 19:10	0	7	8	1	12.2	72	2.5	135	14
20/06/24 19:15	0	7	8	1	12.3	71	2.7	135	14
20/06/24 19:20	0	7	8	1	12.3	69	2.2	132	14
20/06/24 19:25	0	7	8	1	12.3	69	2.4	135	11
20/06/24 19:30	0	8	8	1	12.3	69	1.7	134	17
20/06/24 19:35	0	8	8	1	12.3	68	2.2	133	14
20/06/24 19:40	0	8	8	1	12.3	69	1.6	124	18
20/06/24 19:45	0	8	8	1	12.2	69	1.4	125	19
20/06/24 19:50	0	8	8	1	12.2	69	1.5	141	26
20/06/24 19:55	0	8	8	1	12.2	69	1.5	132	21
20/06/24 20:00	0	9	9	1	12.2	68	1.4	128	16
20/06/24 20:05	0	9	9	1	12.2	69	1.6	126	18
20/06/24 20:10	0	9	9	1	12.1	70	1.6	123	17
20/06/24 20:15	0	9	9	1	12.1	71	2.3	114	9
20/06/24 20:20	0	10	10	1	12.0	70	2.1	114	10
20/06/24 20:25	0	10	10	1	12.0	71	1.9	120	17
20/06/24 20:30	0	11	11	1	12.1	72	2.3	117	16
20/06/24 20:35	0	11	11	2	12.1	71	3.0	116	13
20/06/24 20:40	0	11	11	2	12.0	70	3.5	116	8
20/06/24 20:45	1	12	12	2	12.0	68	3.1	119	11
20/06/24 20:50	0	12	12	1	11.9	69	2.8	119	13
20/06/24 20:55	0	12	12	1	12.0	67	2.8	127	13
20/06/24 21:00	0	12	12	1	11.9	68	2.3	123	16
20/06/24 21:05	0	12	12	1	11.8	70	2.1	120	18
20/06/24 21:10	0	12	12	1	11.8	70	3.9	112	7
20/06/24 21:15	0	12	13	1	11.7	70	4.1	117	7
20/06/24 21:20	0	12	13	1	11.6	69	3.6	119	11
20/06/24 21:25	0	13	13	1	11.6	69	3.9	117	9
20/06/24 21:30	0	13	13	1	11.6	70	3.8	116	8
20/06/24 21:35	0	13	13	1	11.4	70	2.8	118	14
20/06/24 21:40	0	12	12	1	11.4	70	3.6	118	12
20/06/24 21:45	0	12	12	1	11.3	71	2.8	124	15
20/06/24 21:50	0	11	11	1	11.2	71	2.5	117	18
20/06/24 21:55	0	11	11	1	11.1	72	3.2	117	10
20/06/24 22:00	0	11	11	1	11.0	73	3.4	114	8
20/06/24 22:05	0	11	11	1	11.1	73	3.8	112	7
20/06/24 22:10	0	11	11	1	11.0	74	3.3	113	6
20/06/24 22:15	0	11	11	1	10.9	74	3.2	110	8
20/06/24 22:20	0	11	12	1	10.7	72	2.6	94	6
20/06/24 22:25	0	12	13	1	10.4	72	3.0	95	7
20/06/24 22:30	0	14	14	1	10.4	72	3.3	97	7
20/06/24 22:35	0	15	15	1	10.3	72	3.3	99	8
20/06/24 22:40	0	16	17	1	10.2	72	2.7	98	7
20/06/24 22:45	0	19	19	1	10.2	72	2.8	99	9
20/06/24 22:50	0	20	21	1	10.1	72	2.3	96	6
20/06/24 22:55	1	21	22	1	10.0	73	2.4	96	8
20/06/24 23:00	1	21	22	1	9.8	72	2.2	94	7
20/06/24 23:05	1	22	22	1	9.8	73	2.7	99	8
20/06/24 23:10	1	22	23	1	9.7	73	3.0	98	6
20/06/24 23:15	1	21	22	1	9.8	73	2.6	96	8
20/06/24 23:20	1	21	21	1	9.7	73	2.9	99	7
20/06/24 23:25	1	19	20	1	9.7	73	3.1	100	4
20/06/24 23:30	1	18	19	1	9.8	73	2.6	100	7
20/06/24 23:35	1	17	18	1	9.7	71	2.9	98	6
20/06/24 23:40	0	14	15	1	9.9	69	3.2	97	6
20/06/24 23:45	0	11	11	1	9.9	68	2.9	96	9
20/06/24 23:50	0	10	10		10.0	68	2.8	98	9
20/06/24 23:55	0	10	10		10.0	68	2.2	96	11
21/06/24 00:00	0	9	10	1	9.9	67	1.9	90	9
21/06/24 00:05	0	9	9	1	9.8	68	1.5	82	10
21/06/24 00:10	0	9	9	1	9.7	69	1.2	79	13

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/06/24 00:15	0	9	9	1	9.6	69	1.3	73	15
21/06/24 00:20	0	9	10	1	9.5	69	1.1	63	15
21/06/24 00:25	0	10	10	1	9.3	70	1.1	53	10
21/06/24 00:30	0	11	11	1	9.1	72	0.5	43	15
21/06/24 00:35	0	12	12	1	9.0	72	0.2	38	33
21/06/24 00:40	0	13	13	1	9.1	72	0.4	29	20
21/06/24 00:45	0	13	13	1	9.0	74	0.2	342	22
21/06/24 00:50	0	13	14	1	9.1	75	0.3	256	12
21/06/24 00:55	0	13	14	1	9.3	75	0.4	248	10
21/06/24 01:00	0	13	13	1	9.3	73	0.3	255	12
21/06/24 01:05					9.1	73	0.3	205	36
21/06/24 01:10					9.1	76	0.5	245	11
21/06/24 01:15					9.4	76	0.5	268	10
21/06/24 01:20					9.6	75	0.5	290	14
21/06/24 01:25					9.7	74	0.4	287	14
21/06/24 01:30					9.2	74	0.3	267	12
21/06/24 01:35					9.0	74	0.8	202	13
21/06/24 01:40					8.9	77	1.0	181	24
21/06/24 01:45					9.4	75	0.8	166	33
21/06/24 01:50					9.6	72	0.9	162	26
21/06/24 01:55					9.8	72	1.2	152	28
21/06/24 02:00					9.8	71	1.3	136	16
21/06/24 02:05	0	15	15	1	9.8	72	0.8	139	17
21/06/24 02:10	0	16	17	1	9.7	73	0.4	203	33
21/06/24 02:15	1	18	20	1	9.1	74	0.4	150	49
21/06/24 02:20	30	28	58	1	8.6	76	0.2	64	51
21/06/24 02:25	39	22	60	1	8.4	79	1.3	200	25
21/06/24 02:30	10	24	34	1	9.6	82	2.4	206	12
21/06/24 02:35	1	10	11	1	9.9	75	1.6	189	12
21/06/24 02:40	0	9	9	1	10.0	75	1.3	188	12
21/06/24 02:45	0	10	10	1	10.0	74	1.2	187	7
21/06/24 02:50	18	24	42	1	9.5	76	0.8	222	41
21/06/24 02:55	21	22	43	1	9.5	80	0.8	303	14
21/06/24 03:00	26	24	51	1	9.0	79	0.6	308	10
21/06/24 03:05	40	22	62	1	8.5	80	0.5	305	15
21/06/24 03:10	40	23	63	1	8.3	82	0.4	328	21
21/06/24 03:15	45	24	69	1	8.1	82	0.6	352	15
21/06/24 03:20	55	23	78	1	7.9	83	0.8	349	8
21/06/24 03:25	55	24	79	1	8.1	84	1.7	314	12
21/06/24 03:30	46	29	74	1	8.4	84	1.4	302	10
21/06/24 03:35	46	26	72	1	8.4	83	0.9	324	16
21/06/24 03:40	53	24	77	1	8.2	84	0.8	326	24
21/06/24 03:45	53	24	77	1	8.2	84	0.6	335	28
21/06/24 03:50	65	25	90	1	8.1	84	1.5	359	17
21/06/24 03:55	75	25	100	1	7.9	85	1.3	334	18
21/06/24 04:00	85	25	110	1	7.9	85	0.8	342	23
21/06/24 04:05	93	28	122	1	7.8	86	1.2	340	19
21/06/24 04:10	95	29	124	1	7.8	86	0.9	342	22
21/06/24 04:15	103	26	130	1	7.7	86	1.7	354	15
21/06/24 04:20	113	25	139	1	7.6	86	2.3	3	16
21/06/24 04:25	103	29	132	1	7.4	86	2.2	1	8
21/06/24 04:30	85	26	112	2	7.3	87	1.6	343	17
21/06/24 04:35	75	25	100	2	7.4	86	1.8	349	14
21/06/24 04:40	61	25	86	2	7.4	86	1.5	349	19
21/06/24 04:45	57	25	81	1	7.2	87	2.1	354	13
21/06/24 04:50	54	24	78	1	7.1	87	2.0	353	17
21/06/24 04:55	50	25	74	1	7.1	87	2.1	338	17
21/06/24 05:00	48	25	73	2	7.1	87	1.9	354	18
21/06/24 05:05	50	23	74	1	7.0	87	2.2	343	12
21/06/24 05:10	55	22	77	1	7.0	88	1.5	337	18
21/06/24 05:15	56	24	80	1	6.9	88	1.4	335	19
21/06/24 05:20	57	23	80	1	6.9	88	1.7	337	20
21/06/24 05:25	57	23	81	1	7.0	88	1.8	337	15
21/06/24 05:30	59	24	83	2	6.9	88	1.6	357	17
21/06/24 05:35	62	25	87	2	6.7	88	2.2	354	12
21/06/24 05:40	71	24	95	2	6.7	89	1.6	350	15
21/06/24 05:45	77	25	101	2	6.7	89	2.1	357	12
21/06/24 05:50	83	24	107	2	6.7	89	1.8	352	14
21/06/24 05:55	92	24	117	2	6.7	89	1.5	352	17
21/06/24 06:00	105	28	133	2	6.7	89	1.6	354	17
21/06/24 06:05	102	29	131	2	6.7	89	1.6	338	20
21/06/24 06:10	91	28	120	2	6.9	89	1.5	321	22
21/06/24 06:15	105	27	132	2	6.9	88	1.9	357	14
21/06/24 06:20	109	27	136	2	6.8	88	1.7	358	13
21/06/24 06:25	109	27	137	2	6.6	89	1.8	358	10
21/06/24 06:30	107	28	135	2	6.7	89	1.6	355	20
21/06/24 06:35	108	27	135	2	6.7	89	1.4	352	25
21/06/24 06:40	91	29	120	2	6.9	90	1.2	323	21
21/06/24 06:45	77	25	102	2	7.3	90	1.6	308	11
21/06/24 06:50	71	23	94	2	7.4	89	1.2	318	21
21/06/24 06:55	76	25	101	2	7.5	89	1.5	308	16
21/06/24 07:00	100	27	127	2	7.5	87	0.8	332	35
21/06/24 07:05	104	29	133	2	7.4	89	1.4	306	9
21/06/24 07:10	100	30	130	2	7.5	88	0.9	323	24
21/06/24 07:15	121	35	156	2	7.4	88	1.2	302	13
21/06/24 07:20	110	27	137	2	7.6	89	1.7	300	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/06/24 07:25	114	27	141	2	7.7	87	1.1	330	35
21/06/24 07:30	165	32	197	2	7.3	87	1.6	10	11
21/06/24 07:35	156	33	189	2	7.3	88	1.6	357	14
21/06/24 07:40	140	30	170	2	7.5	89	1.1	316	18
21/06/24 07:45	111	27	137	2	7.9	89	1.3	324	21
21/06/24 07:50	149	28	177	2	7.8	87	1.5	356	10
21/06/24 07:55	156	35	191	2	7.8	87	1.8	347	9
21/06/24 08:00	157	35	192	2	7.8	87	1.6	349	14
21/06/24 08:05	157	35	192	2	7.8	87	1.6	1	12
21/06/24 08:10	159	34	194	2	7.7	87	1.7	5	7
21/06/24 08:15	167	30	197	2	7.6	87	1.7	4	8
21/06/24 08:20	198	32	230	3	7.7	87	1.7	4	10
21/06/24 08:25	214	41	255	3	7.7	87	2.0	3	7
21/06/24 08:30	235	39	274	3	7.8	86	1.9	357	12
21/06/24 08:35	230	40	270	3	7.9	86	1.8	359	14
21/06/24 08:40	203	36	239	3	7.9	86	2.3	2	6
21/06/24 08:45	204	34	238	3	7.9	86	1.8	350	13
21/06/24 08:50	188	33	221	3	8.0	86	1.6	344	12
21/06/24 08:55	189	35	223	3	8.1	86	1.7	347	16
21/06/24 09:00	191	35	226	3	8.1	86	1.4	346	16
21/06/24 09:05	196	36	232	3	8.2	86	1.4	343	18
21/06/24 09:10	198	37	236	3	8.3	86	1.4	336	18
21/06/24 09:15	200	38	238	3	8.4	85	1.1	358	21
21/06/24 09:20	206	39	246	3	8.4	85	1.2	343	27
21/06/24 09:25	163	35	198	3	8.6	87	1.7	301	8
21/06/24 09:30	163	37	200	3	8.8	86	1.4	306	11
21/06/24 09:35	140	39	179	3	8.9	87	1.3	290	15
21/06/24 09:40	140	33	173	3	9.3	87	1.4	285	15
21/06/24 09:45	144	35	179	3	9.5	87	1.4	289	12
21/06/24 09:50	134	31	165	3	9.7	87	1.7	300	6
21/06/24 09:55	104	32	135	3	9.8	87	1.3	289	15
21/06/24 10:00	91	33	124	3	10.1	88	1.4	271	23
21/06/24 10:05	75	30	105	3	10.3	87	1.1	282	17
21/06/24 10:10	77	30	107	3	10.6	87	0.9	288	16
21/06/24 10:15	75	36	111	3	10.8	86	1.2	246	18
21/06/24 10:20	3	11	14	3	11.3	86	2.3	243	9
21/06/24 10:25	3	8	11	2	11.5	85	3.0	245	11
21/06/24 10:30	2	8	10	2	11.6	85	3.5	241	7
21/06/24 10:35	2	6	8	2	11.8	85	3.9	235	4
21/06/24 10:40	2	4	6	2	11.8	85	3.8	229	4
21/06/24 10:45	1	4	6	2	12.0	84	4.2	225	4
21/06/24 10:50	1	4	6	2	12.0	84	3.8	228	4
21/06/24 10:55	1	4	6	2	12.1	85	3.8	223	4
21/06/24 11:00	1	5	6	2	12.1	84	4.4	222	3
21/06/24 11:05	1	5	6	2	12.1	85	4.9	223	4
21/06/24 11:10	1	6	7	2	12.0	86	5.2	232	3
21/06/24 11:15	1	6	8	2	11.8	85	5.2	226	5
21/06/24 11:20	1	6	8	2	12.0	85	5.3	230	3
21/06/24 11:25	2	6	8	2	12.0	85	5.0	229	4
21/06/24 11:30	2	7	8	2	12.0	85	4.8	221	4
21/06/24 11:35	2	7	9	2	12.0	85	5.0	224	4
21/06/24 11:40	2	7	10	1	12.1	85	4.9	225	3
21/06/24 11:45	3	7	10	1	12.1	84	5.0	221	4
21/06/24 11:50	3	8	11	1	12.1	83	4.7	221	3
21/06/24 11:55	4	9	13	2	12.3	82	4.5	217	4
21/06/24 12:00	4	7	11	2	12.3	81	4.7	222	5
21/06/24 12:05	4	7	11	2	12.2	81	4.2	227	5
21/06/24 12:10	4	7	11	2	12.3	81	4.0	225	5
21/06/24 12:15	4	6	10	2	12.4	80	3.8	222	7
21/06/24 12:20	3	6	10	2	12.6	78	4.2	221	8
21/06/24 12:25	3	6	9	2	12.5	80	4.0	231	5
21/06/24 12:30	3	6	9	1	12.4	79	4.7	223	4
21/06/24 12:35	3	6	9	1	12.5	78	4.3	217	5
21/06/24 12:40	3	7	10	1	12.5	78	4.4	217	5
21/06/24 12:45	3	6	9	1	12.7	77	4.6	220	7
21/06/24 12:50	3	6	8	1	12.6	79	3.8	225	5
21/06/24 12:55	3	6	9	1	12.6	80	4.1	224	5
21/06/24 13:00	3	6	9	1	12.5	80	4.2	227	4
21/06/24 13:05	3	6	9	1	12.4	80	4.2	225	5
21/06/24 13:10	2	6	9	1	12.5	80	4.2	223	6
21/06/24 13:15	2	6	9	1	12.6	78	4.3	221	5
21/06/24 13:20	2	6	8	1	12.6	78	4.1	222	4
21/06/24 13:25	2	6	8	1	12.7	77	4.5	224	5
21/06/24 13:30	2	6	8	1	12.7	75	4.3	219	6
21/06/24 13:35	2	6	7	1	12.8	75	3.9	217	9
21/06/24 13:40	2	6	7	1	12.8	75	4.2	218	4
21/06/24 13:45	2	5	7	1	12.9	75	3.9	216	7
21/06/24 13:50	2	5	7	1	12.9	73	4.0	212	5
21/06/24 13:55	1	5	7	1	13.0	73	4.1	213	6
21/06/24 14:00	1	5	7	1	13.1	72	4.0	215	5
21/06/24 14:05	1	5	6	1	13.1	74	4.0	213	4
21/06/24 14:10	1	4	5	1	13.1	70	4.0	200	6
21/06/24 14:15	1	4	5	1	13.3	66	4.2	199	6
21/06/24 14:20	1	4	6	1	13.4	66	3.5	197	7
21/06/24 14:25	2	5	8	1	13.5	66	3.3	194	9
21/06/24 14:30	2	5	7	1	13.5	65	3.7	196	7

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/06/24 14:35	2	4	6	1	13.4	65	3.5	195	7
21/06/24 14:40	2	4	5	1	13.3	65	3.4	194	8
21/06/24 14:45	1	4	5	1	13.4	65	3.9	198	7
21/06/24 14:50	1	4	6	1	13.3	67	3.9	198	6
21/06/24 14:55	1	4	5	1	13.3	66	4.3	197	5
21/06/24 15:00	1	4	5	1	13.3	66	3.7	199	5
21/06/24 15:05	1	3	5	1	13.3	66	4.4	198	5
21/06/24 15:10	2	11	12	1	13.3	65	3.6	196	8
21/06/24 15:15	3	11	15	1	13.4	67	3.9	197	5
21/06/24 15:20	2	5	7	1	13.3	66	4.2	198	6
21/06/24 15:25	2	3	5	1	13.3	67	4.4	199	5
21/06/24 15:30	1	3	4	1	13.3	68	4.4	201	4
21/06/24 15:35	1	2	3	1	13.2	70	4.3	201	4
21/06/24 15:40	1	2	3	1	13.2	70	4.6	203	4
21/06/24 15:45	1	2	3	1	13.2	71	4.7	205	3
21/06/24 15:50	0	2	2	1	13.1	72	4.6	203	2
21/06/24 15:55	0	2	2	1	13.2	70	4.2	201	4
21/06/24 16:00	0	2	2	1	13.1	68	4.3	197	5
21/06/24 16:05	0	2	2	1	13.1	69	4.6	199	5
21/06/24 16:10	0	3	3	1	13.2	69	4.3	200	4
21/06/24 16:15	1	4	5	1	13.1	69	4.0	197	6
21/06/24 16:20	1	17	19	1	13.1	68	3.9	198	6
21/06/24 16:25	1	6	7	1	13.1	66	3.5	197	7
21/06/24 16:30	1	1	2	1	13.1	67	3.8	198	6
21/06/24 16:35	0	1	2	1	13.1	71	4.0	201	5
21/06/24 16:40	0	1	2	1	13.2	71	4.7	201	4
21/06/24 16:45	0	1	2	1	13.1	72	4.7	203	3
21/06/24 16:50	0	1	1	1	13.2	73	4.8	202	3
21/06/24 16:55	0	1	1	1	13.1	72	4.3	201	4
21/06/24 17:00	0	1	2	1	13.1	72	4.4	202	4
21/06/24 17:05	0	2	2	1	13.1	72	4.1	202	5
21/06/24 17:10	0	2	2	1	13.1	71	3.8	198	6
21/06/24 17:15	0	2	2	1	13.1	71	3.6	199	5
21/06/24 17:20	0	1	2	1	13.1	70	3.5	198	7
21/06/24 17:25	0	1	1	1	13.0	70	3.3	198	6
21/06/24 17:30	0	1	1	1	13.0	70	3.6	198	7
21/06/24 17:35	0	1	1	1	13.1	71	3.5	200	6
21/06/24 17:40	0	1	1	1	13.0	72	3.4	201	4
21/06/24 17:45	0	2	2	1	13.1	73	3.3	203	5
21/06/24 17:50	0	12	13	1	13.0	73	3.5	204	3
21/06/24 17:55	0	2	3	1	13.0	75	3.5	209	3
21/06/24 18:00	0	1	1	1	13.1	75	3.4	209	4
21/06/24 18:05	0	1	1	1	13.1	74	3.0	207	4
21/06/24 18:10	1	20	21	0	13.0	73	3.1	203	4
21/06/24 18:15	4	20	24	1	13.0	74	3.0	205	5
21/06/24 18:20	0	2	2	1	13.0	75	2.5	208	5
21/06/24 18:25	0	3	4	1	12.9	77	2.3	204	6
21/06/24 18:30	0	3	3	1	12.8	78	2.4	210	3
21/06/24 18:35	0	2	2	1	12.9	77	2.5	212	3
21/06/24 18:40	0	2	2	1	12.8	78	2.2	214	3
21/06/24 18:45	0	2	2	1	12.8	79	1.5	207	10
21/06/24 18:50	0	3	3	1	12.5	78	1.9	200	7
21/06/24 18:55	0	2	2	1	12.3	79	2.0	203	9
21/06/24 19:00	0	2	2	1	12.6	82	2.4	211	3
21/06/24 19:05	0	2	2	1	12.7	81	2.2	218	5
21/06/24 19:10	0	3	3	1	12.7	79	2.3	220	4
21/06/24 19:15	0	3	3	1	12.7	79	2.6	218	3
21/06/24 19:20	0	3	3	1	12.7	79	2.8	219	3
21/06/24 19:25	0	3	3	1	12.7	80	3.1	218	3
21/06/24 19:30	0	3	3	1	12.7	81	3.3	217	3
21/06/24 19:35	0	3	3	1	12.7	81	3.4	217	3
21/06/24 19:40	0	3	3	1	12.8	81	3.3	214	3
21/06/24 19:45	9	27	35	1	12.8	81	3.3	212	4
21/06/24 19:50	3	9	12	1	12.7	82	3.1	215	5
21/06/24 19:55	1	2	3	1	12.7	81	3.7	217	3
21/06/24 20:00	0	2	2	1	12.7	81	2.8	200	8
21/06/24 20:05	0	2	3	1	12.7	82	2.5	197	12
21/06/24 20:10	0	2	3	1	12.7	83	2.8	205	5
21/06/24 20:15	0	2	3	1	12.8	84	2.3	204	5
21/06/24 20:20	0	2	2	1	12.8	84	1.6	195	7
21/06/24 20:25	0	2	2	1	12.6	85	1.7	194	6
21/06/24 20:30	0	2	2	1	12.5	85	1.7	189	10
21/06/24 20:35	0	2	2	1	12.5	85	1.4	186	19
21/06/24 20:40	0	1	1	1	12.5	84	1.6	190	17
21/06/24 20:45	0	1	1	1	12.5	84	1.9	189	8
21/06/24 20:50	0	1	1	1	12.5	84	1.9	191	9
21/06/24 20:55	0	1	1	1	12.5	84	2.0	193	7
21/06/24 21:00	0	1	1	1	12.5	84	2.2	194	6
21/06/24 21:05	0	1	1	1	12.6	83	2.3	198	6
21/06/24 21:10	0	1	1	1	12.6	83	2.3	196	6
21/06/24 21:15	0	1	2	1	12.6	84	2.5	228	15
21/06/24 21:20	1	24	25	1	12.0	85	2.8	258	7
21/06/24 21:25	14	33	47	1	11.7	85	2.6	257	7
21/06/24 21:30	18	30	48	1	11.4	84	2.7	266	5
21/06/24 21:35	23	28	51	1	11.2	84	2.4	271	13
21/06/24 21:40	16	32	48	1	11.0	84	1.6	293	14

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/06/24 21:45	15	32	47	1	10.8	84	1.7	294	14
21/06/24 21:50	14	32	46	1	10.6	83	1.6	299	12
21/06/24 21:55	13	30	43	1	10.5	84	1.4	295	15
21/06/24 22:00	11	30	41	1	10.4	83	1.7	295	15
21/06/24 22:05	11	31	42	1	10.3	82	1.6	302	12
21/06/24 22:10	12	31	43	1	10.2	83	1.0	316	16
21/06/24 22:15	15	30	45	1	10.0	83	1.6	300	16
21/06/24 22:20	23	31	54	1	10.0	82	2.3	304	8
21/06/24 22:25	25	32	57	1	10.2	82	1.8	297	11
21/06/24 22:30	26	31	57	1	10.2	82	1.8	296	15
21/06/24 22:35	27	31	58	1	10.0	82	1.8	307	10
21/06/24 22:40	28	31	59	1	10.0	82	1.6	313	12
21/06/24 22:45	30	30	60	1	9.9	82	1.7	309	11
21/06/24 22:50	29	31	60	1	9.9	82	1.6	321	15
21/06/24 22:55	29	30	59	1	9.9	82	1.4	323	21
21/06/24 23:00	29	30	59	1	9.9	82	1.4	317	13
21/06/24 23:05	28	30	58	1	9.8	82	1.5	321	14
21/06/24 23:10	27	30	57	1	9.9	82	1.5	320	15
21/06/24 23:15	26	30	56	1	9.8	82	1.3	302	20
21/06/24 23:20	25	30	54	1	9.9	83	1.3	286	14
21/06/24 23:25	23	30	53	1	9.9	82	1.4	306	13
21/06/24 23:30	22	29	51	1	9.8	82	1.3	304	17
21/06/24 23:35	18	26	44	1	9.8	84	1.4	271	9
21/06/24 23:40	9	25	34	1	9.8	86	2.0	252	10
21/06/24 23:45	13	23	36	1	9.9	87	2.1	240	10
21/06/24 23:50	5	23	28		9.8	88	1.8	241	13
21/06/24 23:55	1	19	20		9.7	88	2.1	248	12
22/06/24 00:00	2	19	21	1	9.7	88	1.6	250	15
22/06/24 00:05	4	23	27	1	9.8	88	2.1	273	11
22/06/24 00:10	4	21	25	1	9.7	88	2.6	267	10
22/06/24 00:15	4	22	25	1	9.7	88	2.6	270	7
22/06/24 00:20	4	22	26	2	9.7	88	3.1	270	8
22/06/24 00:25	4	21	25	2	9.7	87	3.1	265	7
22/06/24 00:30	3	21	25	2	9.8	87	2.6	271	10
22/06/24 00:35	3	21	24	2	9.8	88	2.3	277	16
22/06/24 00:40	3	20	23	2	9.7	88	2.7	300	9
22/06/24 00:45	3	20	22	2	9.6	88	1.3	318	19
22/06/24 00:50	2	18	21	2	9.5	89	1.9	355	16
22/06/24 00:55	2	18	20	2	9.4	90	1.4	336	17
22/06/24 01:00	2	18	20	2	9.4	90	1.2	328	23
22/06/24 01:05					9.5	90	1.7	337	12
22/06/24 01:10					9.6	90	1.2	349	21
22/06/24 01:15					9.4	90	1.9	357	12
22/06/24 01:20					9.3	90	1.1	348	18
22/06/24 01:25					9.5	90	1.4	312	19
22/06/24 01:30					9.7	91	1.7	297	12
22/06/24 01:35					9.8	89	1.5	294	15
22/06/24 01:40					9.8	90	1.5	292	10
22/06/24 01:45					9.8	89	1.4	289	14
22/06/24 01:50					9.8	89	1.6	294	11
22/06/24 01:55					9.8	89	2.0	301	9
22/06/24 02:00					9.7	89	1.6	292	13
22/06/24 02:05	2	20	22	2	9.9	89	1.7	296	10
22/06/24 02:10	2	20	22	2	9.7	89	1.6	298	8
22/06/24 02:15	2	21	23	2	9.6	89	1.6	306	14
22/06/24 02:20	3	21	24	2	9.4	89	1.7	312	10
22/06/24 02:25	4	22	25	2	9.4	89	1.1	314	16
22/06/24 02:30	5	22	28	2	9.2	90	1.3	319	18
22/06/24 02:35	8	24	31	2	9.1	91	1.2	315	15
22/06/24 02:40	11	23	33	2	9.1	90	1.0	335	18
22/06/24 02:45	11	23	34	2	8.8	90	1.3	312	18
22/06/24 02:50	6	22	28	2	9.0	89	1.4	320	21
22/06/24 02:55	10	20	30	2	8.8	89	1.1	328	20
22/06/24 03:00	7	21	28	2	8.6	89	1.3	347	20
22/06/24 03:05	7	20	27	2	8.5	89	0.9	334	26
22/06/24 03:10	6	20	26	2	8.4	89	0.8	344	20
22/06/24 03:15	5	19	25	2	8.3	90	0.7	319	36
22/06/24 03:20	2	18	20	2	8.4	90	0.8	310	16
22/06/24 03:25	2	18	20	2	8.5	90	0.8	295	25
22/06/24 03:30	2	18	19	2	8.7	88	1.3	304	16
22/06/24 03:35	1	17	18	2	8.9	88	1.2	290	16
22/06/24 03:40	1	17	18	2	8.8	87	1.3	300	9
22/06/24 03:45	1	17	18	2	8.9	88	0.9	277	17
22/06/24 03:50	1	17	18	2	8.8	87	0.9	300	14
22/06/24 03:55	2	17	19	2	8.4	88	0.9	307	15
22/06/24 04:00	2	17	19	2	8.4	88	1.5	302	10
22/06/24 04:05	2	17	19	2	8.5	88	1.4	304	13
22/06/24 04:10	2	18	19	2	8.7	88	1.2	285	19
22/06/24 04:15	1	18	20	2	8.8	88	1.2	280	16
22/06/24 04:20	2	18	20	2	8.9	87	1.6	298	10
22/06/24 04:25	2	19	20	2	8.7	86	1.4	314	18
22/06/24 04:30	2	19	21	2	8.6	87	1.0	327	17
22/06/24 04:35	3	20	23	2	8.4	88	1.1	340	15
22/06/24 04:40	7	25	32	2	8.4	89	1.2	324	18
22/06/24 04:45	11	26	38	2	8.4	89	0.9	315	16
22/06/24 04:50	11	24	35	2	8.3	89	1.1	327	17

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/06/24 04:55	22	24	46	2	8.3	89	1.5	357	13
22/06/24 05:00	30	24	54	2	8.0	90	1.3	354	16
22/06/24 05:05	28	25	54	2	8.0	90	1.2	342	14
22/06/24 05:10	30	25	55	2	8.0	90	1.4	358	10
22/06/24 05:15	41	23	65	2	8.0	90	1.7	343	12
22/06/24 05:20	42	27	69	2	8.0	90	1.2	344	15
22/06/24 05:25	40	29	68	2	8.1	90	0.7	325	28
22/06/24 05:30	36	26	62	2	8.1	90	1.1	322	19
22/06/24 05:35	25	25	50	2	8.1	90	1.0	330	20
22/06/24 05:40	31	26	57	2	8.2	90	1.1	336	26
22/06/24 05:45	38	24	63	2	8.0	90	1.4	2	11
22/06/24 05:50	42	26	68	2	7.8	91	1.3	349	12
22/06/24 05:55	36	27	63	2	7.8	91	1.0	326	16
22/06/24 06:00	20	23	43	2	8.0	92	1.3	306	12
22/06/24 06:05	15	24	39	2	8.2	91	1.0	324	19
22/06/24 06:10	39	24	63	2	8.2	90	1.4	358	12
22/06/24 06:15	49	28	77	2	8.1	90	1.0	358	29
22/06/24 06:20	58	22	79	2	8.1	90	1.0	331	32
22/06/24 06:25	35	23	58	2	8.4	91	1.5	302	13
22/06/24 06:30	47	27	74	2	8.5	89	0.8	326	26
22/06/24 06:35	58	32	90	2	8.3	90	0.7	332	30
22/06/24 06:40	54	30	83	2	8.3	90	0.5	344	27
22/06/24 06:45	45	29	74	2	8.2	91	0.9	318	25
22/06/24 06:50	43	27	70	2	8.2	91	1.0	352	12
22/06/24 06:55	41	26	67	2	8.1	91	1.1	339	14
22/06/24 07:00	35	27	62	2	8.0	92	1.1	331	22
22/06/24 07:05	38	25	63	2	8.2	92	1.2	345	15
22/06/24 07:10	43	26	69	2	8.0	91	1.0	341	17
22/06/24 07:15	40	25	65	2	7.9	92	1.1	333	19
22/06/24 07:20	37	26	63	2	8.0	93	0.9	331	23
22/06/24 07:25	39	25	64	2	7.8	93	0.8	310	15
22/06/24 07:30	44	26	69	2	7.8	93	1.1	314	14
22/06/24 07:35	49	26	74	2	7.8	94	1.0	332	19
22/06/24 07:40	72	29	101	2	7.7	93	1.0	339	18
22/06/24 07:45	81	31	111	2	7.7	94	1.0	329	17
22/06/24 07:50	70	30	100	2	7.8	94	1.3	317	16
22/06/24 07:55	32	27	59	2	8.1	95	1.8	295	11
22/06/24 08:00	15	23	38	2	8.6	94	1.8	270	8
22/06/24 08:05	14	23	38	2	8.9	93	2.2	263	7
22/06/24 08:10	26	30	56	2	8.9	91	1.1	319	29
22/06/24 08:15	93	31	124	2	8.4	88	1.6	1	9
22/06/24 08:20	100	26	126	3	8.3	90	1.4	342	14
22/06/24 08:25	68	33	101	3	8.4	91	1.4	295	13
22/06/24 08:30	63	26	88	2	8.6	91	1.2	327	27
22/06/24 08:35	118	33	151	3	8.4	90	1.4	6	10
22/06/24 08:40	137	30	167	3	8.4	89	1.2	347	14
22/06/24 08:45	95	32	128	3	8.6	90	0.9	297	20
22/06/24 08:50	59	29	87	3	8.8	90	1.1	315	31
22/06/24 08:55	126	27	153	3	9.0	88	1.1	14	17
22/06/24 09:00	136	26	162	3	9.3	87	1.1	17	15
22/06/24 09:05	96	26	122	3	9.5	86	0.9	319	32
22/06/24 09:10	56	28	84	3	9.6	86	1.2	274	15
22/06/24 09:15	31	25	56	3	9.7	86	1.1	301	28
22/06/24 09:20	50	25	75	3	9.8	86	0.9	316	17
22/06/24 09:25	55	26	82	3	10.1	84	0.5	283	34
22/06/24 09:30	52	22	74	3	10.6	82	0.2	351	82
22/06/24 09:35	42	28	69	3	10.6	80	1.0	237	16
22/06/24 09:40	41	26	67	3	10.7	80	0.5	233	45
22/06/24 09:45	42	25	67	3	11.1	79	0.6	338	26
22/06/24 09:50	42	25	67	3	11.3	77	0.6	284	29
22/06/24 09:55	41	25	66	3	11.1	78	0.5	281	22
22/06/24 10:00	40	24	64	3	11.4	78	0.2	92	53
22/06/24 10:05	33	23	55	3	12.1	75	0.3	238	61
22/06/24 10:10	29	22	51	3	11.7	75	0.8	244	17
22/06/24 10:15	29	22	51	3	11.7	76	0.5	239	19
22/06/24 10:20	30	22	52	3	12.0	76	0.4	203	25
22/06/24 10:25	30	23	53	3	12.4	75	0.3	194	32
22/06/24 10:30	30	23	53	3	12.3	74	0.3	249	38
22/06/24 10:35	30	23	53	3	12.3	76	0.6	189	25
22/06/24 10:40	30	23	52	3	12.6	74	0.3	251	53
22/06/24 10:45	29	22	51	3	12.9	73	0.6	94	20
22/06/24 10:50	28	22	50	3	13.3	72	0.6	96	17
22/06/24 10:55	28	21	50	3	13.7	71	0.3	126	35
22/06/24 11:00	28	21	49	3	13.9	69	0.8	142	21
22/06/24 11:05	27	21	48	3	13.8	69	1.1	171	15
22/06/24 11:10	26	21	47	3	13.7	70	0.7	145	28
22/06/24 11:15	26	21	47	3	13.8	69	0.6	144	24
22/06/24 11:20	26	21	46	3	14.0	70	0.5	162	37
22/06/24 11:25	25	21	46	3	14.3	68	0.6	147	32
22/06/24 11:30	25	21	46	3	14.5	68	0.5	150	30
22/06/24 11:35	24	20	45	3	14.4	68	0.5	166	38
22/06/24 11:40	24	20	44	3	13.7	69	0.8	209	14
22/06/24 11:45	22	20	42	3	13.3	71	0.4	182	37
22/06/24 11:50	20	20	40	3	13.7	71	1.1	187	32
22/06/24 11:55	17	21	37	3	12.8	74	2.4	196	9
22/06/24 12:00	15	17	33	3	12.7	77	1.4	174	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/06/24 12:05	12	13	25	3	12.7	77	1.9	200	9
22/06/24 12:10	8	12	19	3	12.3	78	2.2	205	5
22/06/24 12:15	6	9	15	3	12.0	81	1.7	192	21
22/06/24 12:20	5	8	13	3	12.3	81	2.2	198	7
22/06/24 12:25	4	7	11	3	12.3	81	2.1	200	7
22/06/24 12:30	4	6	9	3	12.3	81	2.0	204	8
22/06/24 12:35	3	6	9	3	12.3	82	1.6	201	9
22/06/24 12:40	3	6	9	2	12.3	82	1.8	201	7
22/06/24 12:45	3	6	9	2	12.3	82	1.8	203	6
22/06/24 12:50	3	6	9	2	12.3	82	2.1	202	8
22/06/24 12:55	3	6	8	2	12.4	79	2.7	202	6
22/06/24 13:00	2	5	7	2	12.6	76	2.8	201	6
22/06/24 13:05	2	3	5	2	12.7	74	2.4	210	6
22/06/24 13:10	2	3	5	2	12.8	74	2.3	202	6
22/06/24 13:15	2	4	6	2	13.0	75	2.3	205	5
22/06/24 13:20	2	7	9	2	12.9	70	2.5	205	4
22/06/24 13:25	2	1	3	2	13.0	69	2.5	207	4
22/06/24 13:30	2	2	3	2	12.9	69	2.6	205	4
22/06/24 13:35	1	2	3	2	12.9	70	2.4	206	5
22/06/24 13:40	3	8	11	2	12.9	70	3.0	207	4
22/06/24 13:45	3	3	5	2	12.9	71	3.1	207	4
22/06/24 13:50	1	2	3	2	12.8	75	2.8	216	3
22/06/24 13:55	0	2	3	2	12.8	77	2.7	213	4
22/06/24 14:00	0	3	3	2	12.8	79	2.6	216	3
22/06/24 14:05	0	3	3	2	12.7	78	2.7	210	4
22/06/24 14:10	0	3	4	2	12.7	80	2.6	211	4
22/06/24 14:15	0	4	4	2	12.6	81	2.4	211	4
22/06/24 14:20	0	4	4	2	12.7	80	2.8	209	4
22/06/24 14:25	0	4	4	2	12.7	79	3.0	209	4
22/06/24 14:30	0	4	4	2	12.7	81	2.9	203	3
22/06/24 14:35	0	4	4	2	12.7	80	2.6	206	5
22/06/24 14:40	0	5	5	2	12.7	78	2.5	200	5
22/06/24 14:45	1	5	5	2	12.8	80	2.6	200	5
22/06/24 14:50	0	5	5	2	12.8	78	2.8	201	5
22/06/24 14:55	1	12	13	2	12.7	77	2.6	202	5
22/06/24 15:00	2	7	9	2	12.8	75	2.4	200	5
22/06/24 15:05	1	5	6	2	12.9	75	2.1	198	9
22/06/24 15:10	1	4	5	2	12.9	74	2.2	200	7
22/06/24 15:15	1	3	4	2	12.8	73	2.0	200	9
22/06/24 15:20	1	4	4	2	12.9	72	2.0	201	8
22/06/24 15:25	1	4	5	2	12.9	73	1.4	191	16
22/06/24 15:30	1	5	6	2	12.9	74	1.4	198	11
22/06/24 15:35	1	6	7	2	13.0	75	1.4	190	14
22/06/24 15:40	1	6	7	2	13.4	73	1.3	194	14
22/06/24 15:45	1	6	7	2	14.0	71	1.6	194	12
22/06/24 15:50	1	7	8	2	14.0	70	2.3	203	4
22/06/24 15:55	1	7	8	2	13.8	68	3.1	202	7
22/06/24 16:00	1	6	7	2	14.0	63	2.4	192	12
22/06/24 16:05	1	4	4	2	13.8	68	3.3	201	8
22/06/24 16:10	1	4	5	2	13.2	77	4.4	214	4
22/06/24 16:15	1	7	8	2	13.0	79	4.7	207	3
22/06/24 16:20	1	10	11	2	13.0	79	4.2	203	4
22/06/24 16:25	1	12	13	2	12.9	78	3.7	202	3
22/06/24 16:30	1	8	8	2	12.9	78	3.2	200	6
22/06/24 16:35	1	8	8	2	12.9	76	3.0	201	5
22/06/24 16:40	1	9	9	2	12.9	76	3.3	202	4
22/06/24 16:45	1	11	11	2	12.9	77	3.2	202	4
22/06/24 16:50	1	12	12	2	12.9	77	3.1	203	4
22/06/24 16:55	0	11	12	2	12.9	76	2.8	200	5
22/06/24 17:00	0	12	12	2	12.9	74	2.5	199	7
22/06/24 17:05	0	12	12	2	12.8	75	2.6	201	4
22/06/24 17:10	0	11	12	2	12.8	75	2.5	200	6
22/06/24 17:15	0	10	10	2	12.8	75	2.1	195	6
22/06/24 17:20	0	7	7	2	12.8	76	2.3	192	14
22/06/24 17:25	0	6	6	2	12.8	74	1.8	165	28
22/06/24 17:30	0	5	6	2	12.8	72	1.5	164	35
22/06/24 17:35	0	5	5	2	12.9	71	2.1	165	20
22/06/24 17:40	0	4	4	2	12.9	69	2.1	163	24
22/06/24 17:45	0	3	3	2	13.0	72	1.7	164	25
22/06/24 17:50	0	3	3	2	12.9	70	2.1	157	25
22/06/24 17:55	0	2	2	2	12.9	71	1.8	167	28
22/06/24 18:00	0	2	2	2	12.9	71	1.7	165	29
22/06/24 18:05	0	1	2	2	12.9	69	1.3	160	38
22/06/24 18:10	0	1	1	2	12.9	68	1.2	162	40
22/06/24 18:15	0	1	1	2	12.9	68	2.9	149	15
22/06/24 18:20	0	1	1	2	12.9	69	3.6	141	15
22/06/24 18:25	0	1	1	2	12.9	71	2.8	150	19
22/06/24 18:30	0	1	1	2	12.8	68	2.9	154	21
22/06/24 18:35	0	1	1	2	12.8	68	4.0	141	10
22/06/24 18:40	0	1	1	2	12.8	67	3.3	131	11
22/06/24 18:45	0	2	2	2	12.7	70	3.6	135	14
22/06/24 18:50	0	2	2	2	12.6	69	4.2	138	9
22/06/24 18:55	0	2	2	2	12.6	69	3.4	145	13
22/06/24 19:00	0	2	2	2	12.6	67	3.7	137	9
22/06/24 19:05	0	2	2	2	12.6	69	2.9	137	16
22/06/24 19:10	0	2	2	2	12.5	70	2.6	135	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/06/24 19:15	0	3	3	2	12.6	71	3.1	136	15
22/06/24 19:20	0	3	3	2	12.4	69	3.6	135	10
22/06/24 19:25	0	3	3	2	12.4	71	3.6	136	9
22/06/24 19:30	0	3	3	2	12.3	73	3.1	136	14
22/06/24 19:35	0	3	3	2	12.3	74	3.0	132	15
22/06/24 19:40	0	3	3	2	12.2	74	2.3	131	22
22/06/24 19:45	0	4	4	2	12.0	74	2.8	131	16
22/06/24 19:50	0	4	4	2	12.0	75	3.1	132	16
22/06/24 19:55	0	4	4	2	11.9	76	2.7	130	16
22/06/24 20:00	0	4	4	2	12.0	78	3.2	132	14
22/06/24 20:05	0	3	3	2	12.0	78	4.1	138	10
22/06/24 20:10	0	3	3	2	12.2	79	3.9	140	13
22/06/24 20:15	0	2	2	2	12.1	74	4.1	136	17
22/06/24 20:20	0	2	3	2	12.0	76	3.7	112	7
22/06/24 20:25	0	3	3	2	11.8	76	3.4	116	7
22/06/24 20:30	0	4	4	2	11.8	78	2.4	119	14
22/06/24 20:35	0	4	4	2	11.8	78	2.0	123	16
22/06/24 20:40	0	3	4	2	11.8	76	2.0	128	16
22/06/24 20:45	0	3	3	2	11.8	75	2.6	111	20
22/06/24 20:50	0	4	4	2	11.6	75	2.5	101	6
22/06/24 20:55	0	5	5	2	11.3	76	2.5	100	4
22/06/24 21:00	0	8	8	2	11.1	76	1.9	102	8
22/06/24 21:05	0	12	13	2	11.0	77	2.0	95	8
22/06/24 21:10	0	13	13	2	10.9	78	2.1	96	7
22/06/24 21:15	0	13	13	2	10.9	78	2.0	98	6
22/06/24 21:20	0	14	14	2	10.7	78	2.1	94	7
22/06/24 21:25	0	14	14	2	10.7	78	2.3	86	9
22/06/24 21:30	0	15	15	2	10.8	77	2.1	78	11
22/06/24 21:35	1	15	16	2	10.9	77	2.1	70	13
22/06/24 21:40	1	17	17	2	10.8	77	1.6	85	10
22/06/24 21:45	1	17	18	2	10.8	77	2.0	90	9
22/06/24 21:50	1	17	18	2	10.7	78	1.9	91	10
22/06/24 21:55	1	18	19	2	10.7	78	1.5	82	11
22/06/24 22:00	1	17	18	2	10.6	77	1.4	87	10
22/06/24 22:05	0	18	18	2	10.6	78	1.5	91	10
22/06/24 22:10	2	33	35	2	10.6	79	2.1	96	5
22/06/24 22:15	2	22	23	2	10.5	79	1.8	96	6
22/06/24 22:20	1	22	23	2	10.5	79	1.9	98	8
22/06/24 22:25	1	23	24	2	10.5	79	1.7	89	6
22/06/24 22:30	2	24	25	2	10.4	79	1.6	86	6
22/06/24 22:35	1	24	25	2	10.4	80	1.5	87	9
22/06/24 22:40	1	24	25	2	10.4	81	1.2	102	11
22/06/24 22:45	1	24	25	2	10.3	81	1.6	100	7
22/06/24 22:50	1	24	25	2	10.3	81	1.9	103	6
22/06/24 22:55	1	24	25	2	10.3	81	1.9	101	6
22/06/24 23:00	1	23	24	2	10.5	81	2.1	107	6
22/06/24 23:05	1	22	23	2	10.7	81	2.0	105	7
22/06/24 23:10	0	20	21	2	10.8	79	2.4	98	6
22/06/24 23:15	1	18	19	2	10.7	78	2.0	101	5
22/06/24 23:20	0	17	18	2	10.8	77	1.3	106	9
22/06/24 23:25	0	17	17	2	10.8	76	1.8	103	10
22/06/24 23:30	0	15	16	2	11.0	72	2.4	100	5
22/06/24 23:35	0	14	15	2	11.1	70	2.5	101	9
22/06/24 23:40	0	10	10	2	11.3	68	1.4	109	15
22/06/24 23:45	0	4	4	2	11.4	68	0.9	176	25
22/06/24 23:50	0	2	2		11.4	67	1.0	122	34
22/06/24 23:55	0	2	2		11.4	67	1.4	87	12
23/06/24 00:00	0	3	3	2	11.2	67	0.9	90	8
23/06/24 00:05	0	5	5	2	11.2	68	1.3	97	20
23/06/24 00:10	2	26	27	1	10.9	73	2.1	9	21
23/06/24 00:15	13	31	44	1	10.1	78	1.2	357	18
23/06/24 00:20	20	28	48	1	9.8	80	0.9	355	20
23/06/24 00:25	22	30	51	1	9.6	82	1.2	8	11
23/06/24 00:30	23	30	53	1	9.4	83	1.7	3	10
23/06/24 00:35	25	29	54	1	9.3	83	1.3	360	12
23/06/24 00:40	34	25	59	1	9.2	84	0.9	23	15
23/06/24 00:45	37	28	65	1	9.2	84	1.0	31	11
23/06/24 00:50	30	28	58	1	9.2	84	0.6	20	23
23/06/24 00:55	30	29	59	1	9.2	84	0.5	359	11
23/06/24 01:00	31	30	60	1	9.2	84	0.4	8	13
23/06/24 01:05					9.3	84	0.5	17	9
23/06/24 01:10					9.3	84	0.6	29	7
23/06/24 01:15					9.3	84	0.8	19	10
23/06/24 01:20					9.4	84	0.8	0	21
23/06/24 01:25					9.5	85	0.4	266	40
23/06/24 01:30					9.5	84	0.7	12	18
23/06/24 01:35					9.5	83	0.9	17	12
23/06/24 01:40					9.5	83	0.9	5	11
23/06/24 01:45					9.5	83	1.1	7	11
23/06/24 01:50					9.5	83	0.6	352	27
23/06/24 01:55					9.4	84	0.5	345	35
23/06/24 02:00					9.3	84	0.3	358	50
23/06/24 02:05	47	28	74	1	9.1	85	0.4	337	37
23/06/24 02:10	45	29	74	1	9.0	85	0.6	350	19
23/06/24 02:15	49	26	75	1	8.9	85	0.9	360	19
23/06/24 02:20	51	26	78	1	8.8	86	0.7	354	36

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/06/24 02:25	54	27	81	1	8.7	86	1.1	320	22
23/06/24 02:30	56	30	87	1	8.6	86	0.8	313	25
23/06/24 02:35	73	34	107	1	8.3	86	1.8	332	14
23/06/24 02:40	55	27	83	1	8.1	86	2.5	339	11
23/06/24 02:45	48	28	76	1	7.9	87	2.6	345	14
23/06/24 02:50	57	26	83	1	7.8	87	2.5	350	17
23/06/24 02:55	51	27	78	1	7.7	87	2.6	350	13
23/06/24 03:00	44	27	72	1	7.8	87	2.3	345	17
23/06/24 03:05	53	26	80	1	7.6	88	2.3	345	14
23/06/24 03:10	60	26	86	1	7.6	88	1.7	342	17
23/06/24 03:15	64	27	91	1	7.5	88	1.8	341	17
23/06/24 03:20	72	25	97	1	7.5	88	2.1	343	14
23/06/24 03:25	95	21	117	1	7.3	88	2.1	345	15
23/06/24 03:30	99	25	124	1	7.3	89	2.3	338	15
23/06/24 03:35	91	28	119	1	7.2	89	2.1	340	14
23/06/24 03:40	92	29	121	1	7.1	89	2.2	341	14
23/06/24 03:45	105	36	141	1	7.0	90	1.9	345	14
23/06/24 03:50	125	30	155	2	7.0	90	2.4	352	13
23/06/24 03:55	139	36	175	2	6.8	89	2.8	356	10
23/06/24 04:00	118	38	156	2	6.7	89	2.7	356	8
23/06/24 04:05	67	28	95	2	6.6	89	2.8	359	10
23/06/24 04:10	48	25	73	2	6.5	89	2.3	359	10
23/06/24 04:15	47	25	72	2	6.4	90	2.2	3	8
23/06/24 04:20	49	24	73	2	6.3	90	2.3	0	9
23/06/24 04:25	49	24	73	2	6.4	91	1.8	355	15
23/06/24 04:30	49	24	73	1	6.5	91	1.0	343	31
23/06/24 04:35	49	24	73	2	6.5	90	1.2	3	20
23/06/24 04:40	49	24	73	1	6.4	91	1.0	358	21
23/06/24 04:45	50	24	74	1	6.3	91	1.3	357	22
23/06/24 04:50	51	23	74	1	6.4	91	1.0	356	19
23/06/24 04:55	51	23	74	1	6.3	91	0.8	15	28
23/06/24 05:00	52	23	75	1	6.1	91	0.8	22	16
23/06/24 05:05	53	23	76	1	6.0	92	0.7	17	9
23/06/24 05:10	55	23	77	1	5.8	92	0.6	25	12
23/06/24 05:15	55	22	77	1	5.8	92	0.6	12	10
23/06/24 05:20	54	22	76	1	5.8	93	1.2	3	15
23/06/24 05:25	53	22	75	1	5.9	93	1.0	12	11
23/06/24 05:30	53	22	74	1	5.8	92	0.9	5	9
23/06/24 05:35	53	21	74	1	5.6	92	0.6	24	12
23/06/24 05:40	53	21	74	1	5.5	93	0.3	23	14
23/06/24 05:45	52	21	73	1	5.4	93	0.6	18	11
23/06/24 05:50	52	20	72	1	5.4	93	0.5	22	14
23/06/24 05:55	52	20	72	1	5.3	94	0.6	13	6
23/06/24 06:00	51	20	71	1	5.4	94	0.9	10	6
23/06/24 06:05	50	20	70	1	5.2	93	0.8	19	9
23/06/24 06:10	49	19	68	1	5.2	93	0.8	32	8
23/06/24 06:15	47	19	66	1	5.1	93	1.1	33	6
23/06/24 06:20	44	17	61	1	5.1	93	1.0	30	7
23/06/24 06:25	38	14	52	1	5.0	92	0.9	34	7
23/06/24 06:30	31	18	48	1	5.0	92	1.2	42	7
23/06/24 06:35	27	19	46	1	4.9	92	1.1	45	7
23/06/24 06:40	24	18	42	1	4.9	92	1.1	42	7
23/06/24 06:45	24	16	40	1	4.8	92	0.8	38	9
23/06/24 06:50	22	16	38	1	4.8	92	0.8	49	9
23/06/24 06:55	21	17	37	1	4.7	92	0.8	50	7
23/06/24 07:00	20	17	37	1	4.7	92	1.0	54	8
23/06/24 07:05	18	17	36	1	4.7	92	1.1	49	7
23/06/24 07:10	18	17	35	1	4.6	92	1.4	45	11
23/06/24 07:15	23	16	39	1	4.5	92	0.8	39	13
23/06/24 07:20	16	17	33	1	4.4	92	1.0	39	15
23/06/24 07:25	15	16	31	1	4.3	92	1.0	51	14
23/06/24 07:30	10	16	27	1	4.3	92	1.4	50	9
23/06/24 07:35	8	14	22	1	4.2	92	2.0	49	8
23/06/24 07:40	7	15	22	1	4.2	92	2.1	51	7
23/06/24 07:45	7	15	21	1	4.2	92	1.9	50	7
23/06/24 07:50	6	15	21	1	4.2	93	1.6	49	8
23/06/24 07:55	6	15	21	1	4.2	93	1.7	38	9
23/06/24 08:00	6	14	21	1	4.1	93	1.2	37	11
23/06/24 08:05	6	14	21	1	4.2	93	1.1	35	10
23/06/24 08:10	7	14	21	1	4.5	92	1.1	27	12
23/06/24 08:15	8	14	22	1	4.8	90	1.0	30	14
23/06/24 08:20	10	14	24	1	5.1	88	1.0	29	12
23/06/24 08:25	12	14	26	1	5.2	87	1.0	54	11
23/06/24 08:30	13	14	27	1	5.7	86	0.9	55	11
23/06/24 08:35	14	14	28	1	6.0	85	0.9	53	12
23/06/24 08:40	13	14	28	1	6.3	83	1.2	49	9
23/06/24 08:45	13	14	27	1	6.3	83	0.9	40	15
23/06/24 08:50	12	14	26	1	6.5	83	0.7	29	17
23/06/24 08:55	12	14	26	1	6.8	82	0.8	37	12
23/06/24 09:00	12	13	26	1	6.9	81	0.8	53	16
23/06/24 09:05	12	13	26	0	7.0	80	1.1	57	14
23/06/24 09:10	13	13	26	0	6.8	80	1.1	56	12
23/06/24 09:15	13	13	26	1	6.8	81	0.9	39	17
23/06/24 09:20	13	13	26	1	6.8	81	1.1	50	14
23/06/24 09:25	13	13	26	1	7.0	80	0.8	62	26
23/06/24 09:30	14	12	26	1	7.4	79	1.0	58	19

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/06/24 09:35	14	13	27	1	7.6	78	0.9	59	18
23/06/24 09:40	14	13	27	1	7.7	78	0.8	70	22
23/06/24 09:45	15	13	28	1	8.0	77	0.9	25	20
23/06/24 09:50	14	13	27	1	8.1	77	0.7	314	28
23/06/24 09:55	14	13	27	1	7.9	78	0.6	350	40
23/06/24 10:00	14	13	27	1	8.0	77	1.0	357	18
23/06/24 10:05	14	13	27	1	8.2	76	0.7	19	22
23/06/24 10:10	14	13	27	1	8.4	76	0.7	356	18
23/06/24 10:15	14	13	28	1	8.9	74	0.3	72	63
23/06/24 10:20	15	13	28	1	9.2	72	0.9	66	14
23/06/24 10:25	16	13	29	1	9.1	72	0.7	84	14
23/06/24 10:30	16	13	29	1	9.4	72	0.5	74	34
23/06/24 10:35	16	14	30	1	9.4	71	0.6	68	32
23/06/24 10:40	17	13	30	1	9.4	71	1.2	68	13
23/06/24 10:45	17	14	31	1	9.3	73	0.9	80	22
23/06/24 10:50	17	14	31	1	9.7	72	0.6	117	25
23/06/24 10:55	17	14	31	1	10.0	71	0.8	67	28
23/06/24 11:00	18	14	32	1	10.1	70	1.2	72	18
23/06/24 11:05	18	14	33	1	10.3	70	1.3	62	17
23/06/24 11:10	18	14	33	1	10.2	70	0.9	78	25
23/06/24 11:15	19	15	34	1	10.7	69	0.9	80	24
23/06/24 11:20	20	15	35	1	10.6	68	1.4	66	10
23/06/24 11:25	20	15	35	1	10.6	69	1.1	71	17
23/06/24 11:30	20	15	35	1	11.0	69	0.8	63	30
23/06/24 11:35	19	15	34	1	11.3	68	0.4	232	71
23/06/24 11:40	16	15	31	1	11.4	65	1.3	355	33
23/06/24 11:45	7	12	19	1	11.4	66	1.4	4	26
23/06/24 11:50	7	10	18	1	11.4	66	1.0	17	34
23/06/24 11:55	8	11	19	1	11.6	65	1.3	20	36
23/06/24 12:00	8	11	19	1	11.5	65	1.4	31	16
23/06/24 12:05	9	11	20	1	11.9	65	1.2	58	33
23/06/24 12:10	9	12	21	1	12.2	63	1.5	43	21
23/06/24 12:15	10	12	22	1	12.4	63	1.0	66	40
23/06/24 12:20	10	13	22	1	12.5	63	1.3	50	35
23/06/24 12:25	10	13	22	1	12.6	63	0.5	177	65
23/06/24 12:30	10	13	23	1	12.3	65	1.0	180	37
23/06/24 12:35	10	13	23	1	12.9	63	0.8	158	29
23/06/24 12:40	10	13	23	1	13.3	62	0.8	145	34
23/06/24 12:45	10	13	23	1	13.5	61	0.9	135	25
23/06/24 12:50	10	13	22	1	13.5	62	1.5	149	22
23/06/24 12:55	10	13	22	1	13.6	62	0.9	154	28
23/06/24 13:00	10	12	22	1	13.8	61	1.0	150	23
23/06/24 13:05	10	13	22	1	13.9	61	1.4	145	18
23/06/24 13:10	9	13	22	1	13.8	61	0.9	155	27
23/06/24 13:15	10	13	22	1	13.9	61	1.5	147	19
23/06/24 13:20	10	13	22	1	13.8	63	1.5	170	19
23/06/24 13:25	9	13	22	1	13.9	64	0.9	167	30
23/06/24 13:30	9	13	22	1	14.2	63	0.8	157	39
23/06/24 13:35	9	13	21	1	14.1	62	2.2	163	15
23/06/24 13:40	8	12	21	1	14.0	64	1.2	165	27
23/06/24 13:45	8	12	20	1	14.2	64	1.2	167	25
23/06/24 13:50	8	12	20	1	14.4	62	1.6	151	26
23/06/24 13:55	7	12	19	1	14.4	63	1.0	167	27
23/06/24 14:00	7	12	19	1	14.5	64	0.2	161	84
23/06/24 14:05	6	11	18	1	14.5	62	0.8	192	69
23/06/24 14:10	6	11	17	1	14.4	60	0.2	212	91
23/06/24 14:15	5	10	15	1	15.0	51	1.3	5	47
23/06/24 14:20	4	4	7	1	15.6	47	1.5	3	37
23/06/24 14:25	3	3	6	1	15.8	45	2.5	23	19
23/06/24 14:30	2	3	6	1	15.9	46	2.3	29	27
23/06/24 14:35	2	3	5	1	15.8	45	2.9	4	18
23/06/24 14:40	2	3	5	1	15.8	46	1.9	16	24
23/06/24 14:45	2	3	5	1	15.9	46	2.9	17	19
23/06/24 14:50	1	3	5	1	15.7	46	2.8	36	19
23/06/24 14:55	1	4	5	1	15.7	47	2.2	23	18
23/06/24 15:00	1	4	5	1	15.7	47	2.6	25	21
23/06/24 15:05	1	4	5	1	15.7	47	2.2	17	22
23/06/24 15:10	1	4	5	1	15.8	46	2.6	36	18
23/06/24 15:15	1	4	5	1	15.8	46	3.2	26	13
23/06/24 15:20	1	4	5	1	15.6	47	3.4	27	15
23/06/24 15:25	1	4	5	1	15.5	47	3.1	27	19
23/06/24 15:30	1	4	5	0	15.6	47	2.6	27	20
23/06/24 15:35	1	4	5	0	15.5	47	2.2	23	22
23/06/24 15:40	1	4	5	0	15.5	47	2.1	25	23
23/06/24 15:45	1	4	5	0	15.6	47	2.1	26	21
23/06/24 15:50	1	4	5	1	15.4	47	3.4	29	17
23/06/24 15:55	1	4	5	1	15.2	48	2.7	30	18
23/06/24 16:00	1	4	5	0	15.2	48	2.7	17	22
23/06/24 16:05	1	4	5	0	15.2	48	2.7	20	19
23/06/24 16:10	1	5	6	0	15.1	48	2.1	359	25
23/06/24 16:15	1	5	6	0	15.1	49	2.1	22	19
23/06/24 16:20	1	5	6	0	15.1	49	2.0	14	22
23/06/24 16:25	1	6	7	0	15.1	48	2.1	12	23
23/06/24 16:30	1	6	7	0	15.0	49	1.8	23	17
23/06/24 16:35	1	7	8	0	14.8	49	2.3	29	17
23/06/24 16:40	2	7	8	0	14.6	50	2.9	25	17

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/06/24 16:45	1	7	9	0	14.4	51	2.1	21	26
23/06/24 16:50	1	8	9	0	14.1	52	2.2	16	22
23/06/24 16:55	1	8	10	0	13.9	52	2.4	29	15
23/06/24 17:00	1	8	9	0	13.8	52	2.6	22	15
23/06/24 17:05	1	8	9	0	13.7	53	2.3	29	15
23/06/24 17:10	1	9	10	1	13.6	53	2.3	25	15
23/06/24 17:15	1	9	10	1	13.5	53	2.6	15	20
23/06/24 17:20	1	9	10	1	13.4	53	2.2	25	17
23/06/24 17:25	1	9	10	1	13.3	54	2.3	20	21
23/06/24 17:30	1	9	10	1	13.2	54	2.6	26	18
23/06/24 17:35	1	9	10	1	13.1	55	2.8	24	18
23/06/24 17:40	1	9	10	1	13.0	55	1.9	25	24
23/06/24 17:45	1	9	10	1	12.9	56	1.7	20	24
23/06/24 17:50	1	10	10	1	12.8	56	2.6	22	19
23/06/24 17:55	1	10	10	1	12.8	56	2.4	15	21
23/06/24 18:00	1	10	10	1	12.8	56	2.2	20	20
23/06/24 18:05	1	10	10	1	12.8	56	2.6	9	21
23/06/24 18:10	1	10	11	1	12.7	56	2.4	16	18
23/06/24 18:15	0	11	11	1	12.7	57	2.1	16	19
23/06/24 18:20	0	11	12	1	12.5	57	2.5	10	17
23/06/24 18:25	0	12	12	1	12.4	58	1.8	25	24
23/06/24 18:30	0	12	12	1	12.4	58	2.2	17	18
23/06/24 18:35	1	12	12	1	12.4	58	1.8	12	21
23/06/24 18:40	1	12	13	1	12.3	59	2.1	2	22
23/06/24 18:45	1	13	13	1	12.2	59	1.8	3	29
23/06/24 18:50	0	13	13	1	12.1	59	1.8	358	23
23/06/24 18:55	0	13	14	1	12.0	60	1.8	9	24
23/06/24 19:00	0	14	14	1	11.9	60	1.6	13	22
23/06/24 19:05	1	14	15	0	11.7	61	1.2	14	25
23/06/24 19:10	0	14	15	0	11.6	62	1.3	355	30
23/06/24 19:15	1	15	15	0	11.6	62	1.5	3	23
23/06/24 19:20	1	15	16	0	11.5	62	1.5	5	18
23/06/24 19:25	1	16	16	0	11.4	62	1.2	10	28
23/06/24 19:30	1	16	17	0	11.3	63	1.5	8	20
23/06/24 19:35	1	16	17	0	11.3	63	1.6	3	20
23/06/24 19:40	1	17	18	0	11.2	64	1.9	6	16
23/06/24 19:45	1	17	18	0	11.3	64	1.5	347	24
23/06/24 19:50	1	18	19	0	11.4	64	1.4	0	25
23/06/24 19:55	1	19	20	0	11.1	65	0.8	338	47
23/06/24 20:00	2	21	23	1	11.1	66	0.8	329	44
23/06/24 20:05	3	25	28	1	11.0	66	1.4	345	25
23/06/24 20:10	3	24	27	1	11.0	66	1.9	355	29
23/06/24 20:15	2	23	25	0	11.0	66	1.9	354	23
23/06/24 20:20	2	22	24	0	11.0	67	1.1	358	40
23/06/24 20:25	3	22	25	0	10.9	67	1.5	0	19
23/06/24 20:30	3	23	26	0	10.8	67	1.1	358	31
23/06/24 20:35	2	23	26	0	10.7	68	1.6	353	25
23/06/24 20:40	2	23	25	0	10.7	68	1.6	354	27
23/06/24 20:45	2	22	25	0	10.7	68	1.6	355	22
23/06/24 20:50	2	22	24	0	10.6	69	1.0	329	38
23/06/24 20:55	2	22	24	0	10.6	69	1.2	316	27
23/06/24 21:00	2	22	24	0	10.6	69	1.4	316	22
23/06/24 21:05	2	23	25	0	10.6	70	1.9	313	17
23/06/24 21:10	4	24	28	0	10.4	70	1.8	317	14
23/06/24 21:15	7	25	32	0	10.3	70	1.8	316	20
23/06/24 21:20	16	28	44	0	10.3	71	1.7	312	19
23/06/24 21:25	19	27	46	0	10.2	71	1.7	318	23
23/06/24 21:30	19	27	47	0	10.1	72	1.6	304	14
23/06/24 21:35	19	26	44	0	9.8	73	1.6	307	15
23/06/24 21:40	17	24	41	0	9.7	74	1.1	309	16
23/06/24 21:45	16	25	40	0	9.5	74	1.1	356	30
23/06/24 21:50	16	26	41	1	9.3	74	1.4	3	25
23/06/24 21:55	14	26	41	1	9.4	75	1.0	339	34
23/06/24 22:00	14	27	41	1	9.4	75	0.4	334	47
23/06/24 22:05	15	27	42	1	9.3	75	1.0	319	25
23/06/24 22:10	15	26	41	1	9.3	76	0.8	325	35
23/06/24 22:15	15	26	41	1	9.3	76	0.9	325	39
23/06/24 22:20	13	27	40	1	9.1	75	1.2	11	28
23/06/24 22:25	9	26	34	1	9.0	76	1.0	4	29
23/06/24 22:30	3	19	22	1	8.9	76	0.7	4	48
23/06/24 22:35	1	17	19	1	8.9	76	1.5	11	24
23/06/24 22:40	1	17	18	1	8.9	76	1.3	15	27
23/06/24 22:45	1	16	18	0	8.9	76	1.5	25	25
23/06/24 22:50	1	16	17	0	8.9	76	1.6	13	26
23/06/24 22:55	1	16	17	0	8.8	76	0.9	31	36
23/06/24 23:00	1	16	17	0	8.7	77	1.2	17	29
23/06/24 23:05	1	16	16	0	8.8	76	1.3	13	33
23/06/24 23:10	1	15	16	0	8.6	76	0.6	36	37
23/06/24 23:15	1	15	15	0	8.5	77	1.4	18	31
23/06/24 23:20	1	14	15	0	8.6	77	1.5	27	24
23/06/24 23:25	1	14	14	0	8.6	76	2.5	8	20
23/06/24 23:30	1	13	14	0	8.6	76	2.2	6	22
23/06/24 23:35	1	13	13	0	8.8	76	2.7	12	19
23/06/24 23:40	1	12	13	0	9.0	76	2.3	32	16
23/06/24 23:45	1	11	12	0	9.0	76	3.2	25	19
23/06/24 23:50	0	10	11		9.2	75	2.9	11	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/06/24 23:55	0	8	9		9.3	75	1.9	16	29
24/06/24 00:00	0	8	8	0	9.3	76	2.5	30	21
24/06/24 00:05	0	7	7	1	9.4	75	3.2	26	20
24/06/24 00:10	0	7	7	1	9.5	74	2.3	10	22
24/06/24 00:15	0	6	7	1	9.4	75	3.4	8	17
24/06/24 00:20	0	6	7	1	9.3	75	2.9	7	23
24/06/24 00:25	0	7	7	1	9.1	76	2.5	1	24
24/06/24 00:30	0	7	7	1	9.0	76	2.7	7	18
24/06/24 00:35	0	7	7	1	8.8	77	2.7	3	21
24/06/24 00:40	0	7	8	1	8.5	78	2.2	13	26
24/06/24 00:45	0	7	8	1	8.4	79	2.1	22	23
24/06/24 00:50	0	7	8	1	8.3	79	3.0	24	20
24/06/24 00:55	0	7	7	1	8.5	79	3.0	26	19
24/06/24 01:00	0	7	7	1	8.4	79	2.4	27	26
24/06/24 01:05					8.4	79	2.8	29	18
24/06/24 01:10					8.5	79	2.8	31	22
24/06/24 01:15					8.5	79	2.4	32	22
24/06/24 01:20					8.5	79	2.7	27	22
24/06/24 01:25					8.4	79	2.6	26	25
24/06/24 01:30					8.5	79	3.0	20	20
24/06/24 01:35					8.5	79	2.3	28	20
24/06/24 01:40					8.5	79	2.8	28	17
24/06/24 01:45					8.5	79	2.4	22	25
24/06/24 01:50					8.5	79	2.8	11	20
24/06/24 01:55					8.5	79	2.3	13	24
24/06/24 02:00					8.5	79	2.7	21	22
24/06/24 02:05	0	7	7	1	8.4	80	2.3	28	22
24/06/24 02:10	0	7	7	1	8.4	80	2.8	27	19
24/06/24 02:15	0	7	7	1	8.3	80	2.8	11	19
24/06/24 02:20	0	7	7	1	8.3	80	2.3	23	23
24/06/24 02:25	0	6	6	1	8.3	81	2.1	13	23
24/06/24 02:30	0	6	6	1	8.2	81	2.1	17	21
24/06/24 02:35	0	6	6	1	8.2	81	1.5	22	26
24/06/24 02:40	0	6	7	1	8.3	81	2.0	19	22
24/06/24 02:45	0	6	7	1	8.3	80	2.8	10	20
24/06/24 02:50	0	6	7	1	8.3	80	2.6	19	19
24/06/24 02:55	0	7	7	1	8.3	80	2.2	24	24
24/06/24 03:00	1	7	8	1	8.2	80	2.7	16	21
24/06/24 03:05	0	7	7	1	8.2	80	2.1	22	27
24/06/24 03:10	0	7	7	1	8.2	80	2.8	28	23
24/06/24 03:15	0	7	7	1	8.2	80	2.6	21	19
24/06/24 03:20	0	6	7	1	8.2	81	2.1	22	27
24/06/24 03:25	0	6	6	1	8.2	81	1.8	6	27
24/06/24 03:30	0	6	6	1	8.2	81	2.2	17	24
24/06/24 03:35	0	6	6	1	8.1	81	2.5	12	23
24/06/24 03:40	0	6	6	1	8.2	80	2.5	13	27
24/06/24 03:45	0	6	6	1	8.2	80	2.5	21	22
24/06/24 03:50	0	6	6	1	8.2	80	2.6	17	25
24/06/24 03:55	0	6	6	1	8.3	80	2.8	22	21
24/06/24 04:00	0	6	6	1	8.4	79	4.5	11	14
24/06/24 04:05	0	6	6	1	8.4	79	2.8	6	26
24/06/24 04:10	0	6	6	1	8.4	79	2.7	16	19
24/06/24 04:15	0	6	6	1	8.4	79	2.5	14	20
24/06/24 04:20	0	6	7	1	8.3	79	2.5	18	23
24/06/24 04:25	0	6	7	0	8.3	79	3.0	25	19
24/06/24 04:30	0	6	7	0	8.3	80	2.9	17	22
24/06/24 04:35	0	6	6	0	8.3	80	2.9	14	22
24/06/24 04:40	0	6	6	0	8.3	80	2.7	9	22
24/06/24 04:45	0	6	7	0	8.2	80	2.4	20	31
24/06/24 04:50	0	6	7	1	8.2	80	3.0	17	22
24/06/24 04:55	0	6	7	1	8.2	80	2.4	4	28
24/06/24 05:00	0	6	7	1	8.3	80	3.4	7	22
24/06/24 05:05	0	6	7	1	8.3	79	2.7	4	22
24/06/24 05:10	0	7	7	1	8.3	79	3.5	359	20
24/06/24 05:15	0	6	7	1	8.4	79	3.7	357	19
24/06/24 05:20	0	6	7	1	8.4	79	2.4	350	28
24/06/24 05:25	0	7	7	1	8.3	79	2.6	357	24
24/06/24 05:30	0	7	8	1	8.2	80	2.1	352	29
24/06/24 05:35	0	8	9	1	8.1	80	2.9	358	31
24/06/24 05:40	1	10	10	1	8.1	80	2.4	354	29
24/06/24 05:45	1	12	13	1	8.1	80	1.9	343	36
24/06/24 05:50	2	21	23	1	7.9	81	2.2	356	27
24/06/24 05:55	4	26	29	1	7.9	81	1.9	354	32
24/06/24 06:00	4	22	26	1	7.8	81	2.5	0	24
24/06/24 06:05	4	21	25	1	7.8	81	1.8	352	30
24/06/24 06:10	4	20	24	1	7.8	81	1.5	354	32
24/06/24 06:15	5	21	26	1	7.9	81	1.6	345	31
24/06/24 06:20	6	22	28	1	7.8	81	2.4	354	22
24/06/24 06:25	6	24	30	1	7.8	81	2.6	354	24
24/06/24 06:30	8	27	35	1	7.8	81	2.2	2	25
24/06/24 06:35	9	27	36	1	7.8	81	2.9	1	23
24/06/24 06:40	9	24	33	1	7.8	81	2.2	3	23
24/06/24 06:45	8	21	29	1	7.9	80	3.2	356	22
24/06/24 06:50	6	21	27	1	8.0	80	2.3	357	25
24/06/24 06:55	6	22	28	1	8.0	80	2.5	2	25
24/06/24 07:00	8	26	35	1	7.9	80	2.1	1	26

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/06/24 07:05	12	27	39	1	7.7	81	1.4	343	42
24/06/24 07:10	25	25	50	1	7.8	81	1.5	315	27
24/06/24 07:15	31	27	58	1	7.8	81	1.8	316	24
24/06/24 07:20	27	27	53	1	7.8	81	1.9	311	25
24/06/24 07:25	26	27	53	1	7.8	81	1.1	347	40
24/06/24 07:30	27	28	54	1	7.8	81	1.8	8	29
24/06/24 07:35	28	28	56	1	7.7	81	2.3	2	23
24/06/24 07:40	30	29	60	1	7.7	81	2.1	5	26
24/06/24 07:45	32	29	61	1	7.8	81	1.8	354	33
24/06/24 07:50	31	29	59	1	7.7	81	2.3	360	23
24/06/24 07:55	30	28	59	1	7.7	81	2.2	353	21
24/06/24 08:00	32	28	60	1	7.7	81	2.1	355	22
24/06/24 08:05	34	27	61	1	7.7	81	2.0	358	24
24/06/24 08:10	38	26	64	1	7.7	81	1.7	355	27
24/06/24 08:15	42	26	68	1	7.7	81	1.8	347	29
24/06/24 08:20	41	27	68	1	7.7	80	2.5	0	24
24/06/24 08:25	41	28	69	1	7.8	80	2.6	0	18
24/06/24 08:30	30	28	58	1	8.0	79	2.5	5	25
24/06/24 08:35	19	24	43	1	8.1	78	2.3	8	22
24/06/24 08:40	16	23	39	1	8.4	77	2.9	7	20
24/06/24 08:45	15	22	37	1	8.5	77	1.7	20	24
24/06/24 08:50	15	22	37	1	8.8	75	1.7	20	23
24/06/24 08:55	15	22	37	1	8.9	74	2.0	25	18
24/06/24 09:00	15	22	37	1	9.0	74	1.4	17	29
24/06/24 09:05	16	22	38	1	9.2	74	1.5	6	30
24/06/24 09:10	16	22	38	1	9.4	72	2.3	5	28
24/06/24 09:15	16	21	37	1	9.6	71	2.6	4	23
24/06/24 09:20	15	20	35	1	9.7	70	2.7	357	26
24/06/24 09:25	14	19	33	1	9.8	70	2.5	358	25
24/06/24 09:30	14	19	33	1	10.0	69	1.9	346	33
24/06/24 09:35	14	20	34	1	10.1	69	2.1	20	26
24/06/24 09:40	15	20	34	1	10.1	68	2.9	353	18
24/06/24 09:45	14	19	34	1	10.0	69	2.7	1	23
24/06/24 09:50	15	19	34	1	10.3	69	1.8	12	27
24/06/24 09:55	15	19	35	1	10.5	68	2.0	21	24
24/06/24 10:00	16	19	35	1	10.7	67	2.4	11	24
24/06/24 10:05	16	19	35	1	10.9	67	2.5	9	27
24/06/24 10:10	15	19	34	1	11.0	67	2.3	346	29
24/06/24 10:15	15	18	33	1	11.1	67	2.7	10	24
24/06/24 10:20	14	18	31	1	11.4	67	2.6	12	30
24/06/24 10:25	13	17	30	1	11.6	66	3.3	6	24
24/06/24 10:30	12	17	29	1	11.6	65	3.7	352	29
24/06/24 10:35	10	14	25	1	11.6	65	4.0	0	26
24/06/24 10:40	8	13	22	1	11.4	66	4.2	359	24
24/06/24 10:45	7	12	20	1	11.4	66	4.4	7	22
24/06/24 10:50	6	9	15	1	11.4	66	5.1	9	18
24/06/24 10:55	5	8	13	1	11.4	66	3.1	8	23
24/06/24 11:00	5	9	14	1	11.6	65	3.9	3	19
24/06/24 11:05	5	9	14	1	11.7	65	3.6	15	25
24/06/24 11:10	5	9	14	1	11.8	64	4.4	9	26
24/06/24 11:15	5	9	13	1	11.9	64	4.8	6	21
24/06/24 11:20	4	8	13	1	12.0	64	4.0	23	23
24/06/24 11:25	4	8	12	1	12.0	63	3.5	22	21
24/06/24 11:30	4	8	12	1	12.1	64	4.3	20	19
24/06/24 11:35	4	8	12	1	12.2	63	4.3	14	18
24/06/24 11:40	4	8	13	1	12.3	63	3.1	12	21
24/06/24 11:45	5	9	13	1	12.4	63	3.4	17	22
24/06/24 11:50	5	9	14	1	12.4	62	4.6	21	17
24/06/24 11:55	5	9	14	1	12.7	61	3.4	10	21
24/06/24 12:00	5	9	13	1	13.0	60	4.2	6	22
24/06/24 12:05	4	9	13	1	13.1	59	4.6	1	20
24/06/24 12:10	4	9	13	1	13.3	58	2.7	2	34
24/06/24 12:15	4	8	12	1	13.6	57	3.6	1	29
24/06/24 12:20	4	8	12	1	13.6	56	4.4	5	19
24/06/24 12:25	3	7	11	1	13.5	56	4.5	15	18
24/06/24 12:30	3	7	11	1	13.7	56	4.1	21	19
24/06/24 12:35	3	7	11	1	13.5	57	4.8	27	21
24/06/24 12:40	3	7	10	1	13.3	58	4.2	21	21
24/06/24 12:45	3	7	10	1	13.3	58	2.9	16	27
24/06/24 12:50	3	7	10	1	13.3	58	4.7	26	17
24/06/24 12:55	3	8	11	1	13.2	58	4.0	16	28
24/06/24 13:00	3	7	10	1	13.2	58	4.0	20	21
24/06/24 13:05	3	7	10	1	13.0	58	3.3	7	26
24/06/24 13:10	3	7	10	1	13.1	58	3.7	5	20
24/06/24 13:15	3	8	11	1	13.0	59	3.1	22	19
24/06/24 13:20	3	9	12	1	13.0	58	3.7	26	23
24/06/24 13:25	3	9	12	1	12.9	58	2.4	13	22
24/06/24 13:30	3	9	12	1	12.9	58	3.4	11	21
24/06/24 13:35	3	9	12	1	13.0	58	2.4	2	31
24/06/24 13:40	3	9	12	1	12.9	58	3.2	2	18
24/06/24 13:45	3	10	12	1	12.9	57	4.1	4	23
24/06/24 13:50	3	10	12	1	13.0	57	4.0	8	24
24/06/24 13:55	2	10	12	1	12.9	57	3.0	7	21
24/06/24 14:00	2	10	12	1	13.0	57	3.2	12	23
24/06/24 14:05	2	10	12	1	13.0	57	3.1	4	28
24/06/24 14:10	3	10	13	1	13.1	58	2.3	11	29

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/06/24 14:15	3	11	14	1	13.1	57	2.9	359	24
24/06/24 14:20	3	11	14	1	13.1	56	3.2	12	27
24/06/24 14:25	3	11	14	1	13.1	56	4.0	14	22
24/06/24 14:30	2	11	13	1	13.0	56	4.2	4	24
24/06/24 14:35	2	10	12	1	13.0	57	3.3	16	22
24/06/24 14:40	2	10	12	1	13.1	57	2.6	2	27
24/06/24 14:45	2	10	12	1	13.1	57	2.3	22	27
24/06/24 14:50	2	10	12	1	13.1	57	3.6	22	17
24/06/24 14:55	2	10	12	1	13.1	57	2.7	21	19
24/06/24 15:00	2	10	12	1	13.1	57	3.4	8	25
24/06/24 15:05	2	10	12	1	13.2	57	3.3	9	27
24/06/24 15:10	2	9	11	1	13.1	57	3.7	8	24
24/06/24 15:15	2	9	11	1	13.2	57	2.7	359	27
24/06/24 15:20	2	10	12	1	13.2	57	3.1	10	28
24/06/24 15:25	2	10	12	1	13.2	57	3.2	357	31
24/06/24 15:30	2	10	12	1	13.2	58	3.7	355	24
24/06/24 15:35	2	11	13	1	13.0	58	2.6	359	27
24/06/24 15:40	2	12	14	1	13.1	58	3.0	14	23
24/06/24 15:45	2	13	15	1	13.0	58	4.3	4	16
24/06/24 15:50	2	12	14	1	13.1	59	3.1	5	24
24/06/24 15:55	2	12	14	1	13.0	59	3.4	2	25
24/06/24 16:00	2	11	13	1	13.1	58	3.5	10	25
24/06/24 16:05	2	10	12	1	13.1	58	3.2	20	25
24/06/24 16:10	1	10	11	1	13.2	57	2.5	17	23
24/06/24 16:15	1	10	11	1	13.2	57	2.9	25	25
24/06/24 16:20	1	10	11	1	13.2	57	2.8	17	23
24/06/24 16:25	1	9	11	1	13.4	57	2.8	7	25
24/06/24 16:30	1	10	11	1	13.5	56	3.0	16	22
24/06/24 16:35	1	10	11	1	13.5	55	3.0	10	27
24/06/24 16:40	1	10	12	1	13.6	55	3.3	6	18
24/06/24 16:45	1	11	12	1	13.4	56	2.9	17	25
24/06/24 16:50	1	10	12	1	13.2	56	4.2	14	24
24/06/24 16:55	1	10	11	1	13.1	56	3.8	12	25
24/06/24 17:00	1	10	11	1	13.0	57	3.3	7	26
24/06/24 17:05	1	10	11	1	13.0	58	3.1	13	25
24/06/24 17:10	1	10	11	1	12.9	58	2.9	18	31
24/06/24 17:15	1	11	11	1	12.8	59	2.9	30	18
24/06/24 17:20	1	11	11	1	12.7	59	3.0	25	20
24/06/24 17:25	1	11	11	1	12.7	59	2.8	32	19
24/06/24 17:30	1	11	11	1	12.7	60	3.0	23	21
24/06/24 17:35	1	11	11	1	12.6	60	2.3	28	25
24/06/24 17:40	1	11	11	1	12.6	60	3.5	25	17
24/06/24 17:45	1	10	11	1	12.6	59	3.5	26	19
24/06/24 17:50	1	10	11	1	12.5	60	3.2	21	24
24/06/24 17:55	1	10	11	1	12.5	59	3.2	26	16
24/06/24 18:00	1	10	10	1	12.4	59	2.7	17	19
24/06/24 18:05	1	10	11	1	12.5	60	3.7	17	18
24/06/24 18:10	0	11	11	1	12.4	60	2.8	28	18
24/06/24 18:15	0	11	12	1	12.4	60	2.9	18	24
24/06/24 18:20	0	12	12	1	12.3	60	3.7	22	19
24/06/24 18:25	0	12	12	1	12.4	60	3.0	27	16
24/06/24 18:30	0	12	12	1	12.2	60	2.7	27	16
24/06/24 18:35	0	12	12	1	12.1	60	2.9	22	22
24/06/24 18:40	0	11	11	1	12.1	59	3.3	20	17
24/06/24 18:45	0	11	11	1	12.1	59	2.7	21	18
24/06/24 18:50	0	11	11	1	12.0	59	2.8	24	18
24/06/24 18:55	0	11	11	1	12.0	59	2.8	15	18
24/06/24 19:00	0	11	12	1	12.0	59	2.3	25	21
24/06/24 19:05	0	12	12	1	11.9	60	2.4	8	17
24/06/24 19:10	0	13	13	1	11.8	60	1.7	12	29
24/06/24 19:15	0	13	13	1	11.7	59	2.9	11	17
24/06/24 19:20	0	12	12	1	11.7	59	2.7	10	23
24/06/24 19:25	0	12	12	1	11.7	59	1.8	17	22
24/06/24 19:30	0	12	12	1	11.6	59	2.6	23	17
24/06/24 19:35	0	11	11	1	11.6	58	2.9	19	20
24/06/24 19:40	0	11	11	1	11.6	59	2.8	10	19
24/06/24 19:45	0	11	11	1	11.6	59	2.3	21	20
24/06/24 19:50	0	11	11	1	11.5	59	2.2	13	21
24/06/24 19:55	0	10	11	1	11.5	59	2.5	17	20
24/06/24 20:00	0	10	10	1	11.5	60	2.2	12	22
24/06/24 20:05	0	10	10	1	11.5	60	2.7	8	23
24/06/24 20:10	0	10	10	1	11.4	60	3.0	6	17
24/06/24 20:15	0	10	10	1	11.4	60	2.6	359	24
24/06/24 20:20	0	10	11	1	11.5	61	2.6	8	23
24/06/24 20:25	1	11	11	1	11.4	61	2.5	7	25
24/06/24 20:30	0	11	11	1	11.3	62	2.6	4	24
24/06/24 20:35	0	11	12	1	11.2	63	2.0	17	24
24/06/24 20:40	0	12	12	1	11.1	63	2.7	8	20
24/06/24 20:45	1	12	13	1	11.1	64	2.7	8	23
24/06/24 20:50	1	13	13	1	11.1	64	2.8	17	21
24/06/24 20:55	1	13	14	1	11.1	65	2.9	19	16
24/06/24 21:00	1	13	14	1	11.0	66	3.7	17	15
24/06/24 21:05	1	14	14	1	11.0	66	2.6	17	22
24/06/24 21:10	1	14	15	1	11.1	67	3.1	17	21
24/06/24 21:15	1	14	15	1	11.1	67	3.3	24	21
24/06/24 21:20	1	14	14	1	11.1	67	3.2	14	24

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/06/24 21:25	1	14	14	1	11.1	68	3.7	13	19
24/06/24 21:30	0	13	14	1	11.2	68	2.8	12	18
24/06/24 21:35	0	13	14	1	11.2	68	2.9	15	24
24/06/24 21:40	0	13	14	1	11.3	69	3.3	13	23
24/06/24 21:45	0	13	13	1	11.4	69	4.0	20	17
24/06/24 21:50	0	12	12	1	11.4	69	2.8	23	19
24/06/24 21:55	0	12	12	1	11.4	69	3.6	21	20
24/06/24 22:00	0	11	11	1	11.6	68	3.3	24	22
24/06/24 22:05	0	10	10	1	11.6	68	4.4	22	17
24/06/24 22:10	0	9	10	1	11.7	68	4.2	24	20
24/06/24 22:15	0	9	9	1	11.7	68	3.6	20	22
24/06/24 22:20	0	8	8	1	11.8	68	4.0	20	22
24/06/24 22:25	0	8	8	1	11.8	67	3.8	19	20
24/06/24 22:30	0	8	8	1	11.8	68	3.4	13	16
24/06/24 22:35	0	8	8	1	11.6	68	3.0	5	19
24/06/24 22:40	0	8	9	1	11.6	69	2.6	14	18
24/06/24 22:45	0	8	9	1	11.6	69	2.8	13	21
24/06/24 22:50	0	8	9	1	11.6	69	2.8	10	23
24/06/24 22:55	0	8	8	1	11.6	69	3.2	8	19
24/06/24 23:00	0	8	8	1	11.6	69	2.9	7	25
24/06/24 23:05	0	7	8	1	11.6	68	3.6	3	17
24/06/24 23:10	0	7	7	1	11.6	68	2.8	2	23
24/06/24 23:15	0	7	7	1	11.7	68	2.6	356	25
24/06/24 23:20	0	7	7	1	11.6	69	2.1	347	30
24/06/24 23:25	0	8	8	1	11.5	69	2.0	355	24
24/06/24 23:30	1	9	10	1	11.4	70	1.6	335	30
24/06/24 23:35	1	11	12	1	11.3	71	1.3	317	27
24/06/24 23:40	1	14	14	1	11.1	72	1.4	316	26
24/06/24 23:45	1	15	15	1	11.0	72	1.4	333	26
24/06/24 23:50	1	15	16		10.9	72	1.6	348	26
24/06/24 23:55	1	16	17		10.8	73	1.2	5	27
25/06/24 00:00	1	16	17	1	10.7	73	1.4	10	26
25/06/24 00:05	1	16	16	1	10.6	73	1.7	11	23
25/06/24 00:10	1	15	15	1	10.7	73	2.6	6	24
25/06/24 00:15	1	14	15	1	10.8	73	2.2	354	26
25/06/24 00:20	1	14	15	1	10.9	73	1.6	360	33
25/06/24 00:25	1	14	15	1	10.9	73	2.3	356	24
25/06/24 00:30	1	14	15	1	11.0	73	2.3	3	24
25/06/24 00:35	1	14	15	1	11.1	72	2.6	358	28
25/06/24 00:40	1	14	14	1	11.3	72	2.6	314	19
25/06/24 00:45	1	14	15	1	11.3	72	2.2	326	22
25/06/24 00:50	1	14	16	1	11.3	72	2.4	358	27
25/06/24 00:55	1	14	16	1	11.2	73	1.6	341	36
25/06/24 01:00	1	14	15	1	11.1	73	1.8	337	31
25/06/24 01:05					11.1	73	1.7	359	28
25/06/24 01:10					11.0	74	2.2	357	35
25/06/24 01:15					11.1	74	3.5	4	25
25/06/24 01:20					11.3	73	3.9	7	23
25/06/24 01:25					11.4	73	3.4	6	19
25/06/24 01:30					11.4	73	2.9	360	33
25/06/24 01:35					11.5	73	2.9	1	30
25/06/24 01:40					11.4	73	3.1	350	32
25/06/24 01:45					11.4	74	3.0	357	28
25/06/24 01:50					11.4	74	3.2	356	28
25/06/24 01:55					11.4	74	3.1	352	30
25/06/24 02:00					11.4	74	3.1	355	24
25/06/24 02:05	1	9	10	1	11.4	74	3.1	359	33
25/06/24 02:10	1	6	7	1	11.4	73	3.6	359	19
25/06/24 02:15	1	5	6	1	11.5	73	2.9	7	22
25/06/24 02:20	0	5	6	1	11.4	73	3.6	1	18
25/06/24 02:25	0	5	5	1	11.5	73	3.0	353	26
25/06/24 02:30	0	5	5	1	11.5	73	4.0	4	18
25/06/24 02:35	0	5	5	1	11.5	74	2.7	357	24
25/06/24 02:40	0	5	5	1	11.4	74	2.6	5	23
25/06/24 02:45	0	4	5	1	11.4	74	2.2	356	28
25/06/24 02:50	0	4	4	1	11.5	74	2.8	343	33
25/06/24 02:55	0	4	5	1	11.5	74	2.8	343	34
25/06/24 03:00	0	4	5	1	11.5	74	3.7	359	23
25/06/24 03:05	0	5	5	1	11.5	74	4.0	5	22
25/06/24 03:10	0	4	5	1	11.6	74	3.8	9	19
25/06/24 03:15	0	4	5	1	11.5	74	3.7	10	24
25/06/24 03:20	0	4	5	1	11.5	74	3.7	5	24
25/06/24 03:25	0	4	5	1	11.4	74	4.1	3	28
25/06/24 03:30	0	4	5	1	11.4	73	3.9	7	20
25/06/24 03:35	0	4	5	1	11.4	74	2.7	6	25
25/06/24 03:40	0	4	5	1	11.3	74	4.1	5	19
25/06/24 03:45	0	4	5	1	11.3	74	2.9	352	28
25/06/24 03:50	0	5	5	1	11.3	74	2.4	3	24
25/06/24 03:55	0	6	6	1	11.3	74	2.7	0	33
25/06/24 04:00	0	6	6	1	11.5	73	3.7	3	25
25/06/24 04:05	0	6	6	1	11.6	72	3.4	358	32
25/06/24 04:10	0	6	6	1	11.7	72	3.7	3	26
25/06/24 04:15	0	6	6	1	11.7	71	4.2	6	21
25/06/24 04:20	0	6	6	1	11.7	71	3.3	8	23
25/06/24 04:25	0	6	7	1	11.8	71	3.4	358	26
25/06/24 04:30	0	6	7	1	11.7	71	3.8	7	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/06/24 04:35	0	6	6	1	11.7	71	3.2	13	27
25/06/24 04:40	0	6	6	1	11.6	72	2.0	25	25
25/06/24 04:45	0	5	6	1	11.6	72	3.5	21	23
25/06/24 04:50	0	5	5	1	11.7	72	3.4	17	24
25/06/24 04:55	0	5	5	1	11.7	72	2.9	353	25
25/06/24 05:00	0	6	6	1	11.6	72	2.9	358	22
25/06/24 05:05	0	7	7	1	11.5	73	2.5	11	22
25/06/24 05:10	0	8	9	1	11.4	73	1.9	10	28
25/06/24 05:15	1	10	11	1	11.3	73	2.0	10	23
25/06/24 05:20	1	12	13	1	11.3	74	2.1	359	19
25/06/24 05:25	1	12	13	1	11.3	74	1.9	3	22
25/06/24 05:30	1	12	13	1	11.2	74	1.8	5	22
25/06/24 05:35	1	12	13	1	11.2	74	1.2	18	37
25/06/24 05:40	1	11	12	1	11.1	74	1.9	2	23
25/06/24 05:45	1	11	12	1	11.1	74	1.7	2	23
25/06/24 05:50	1	11	12	1	11.1	74	2.2	14	22
25/06/24 05:55	1	11	12	1	11.2	74	2.2	15	20
25/06/24 06:00	1	11	12	1	11.1	74	1.9	9	23
25/06/24 06:05	1	11	12	1	11.1	74	2.2	8	14
25/06/24 06:10	1	12	12	1	11.1	74	2.0	357	21
25/06/24 06:15	1	12	13	1	11.1	75	1.6	351	29
25/06/24 06:20	1	13	14	1	11.0	75	1.7	6	20
25/06/24 06:25	1	14	15	1	11.0	75	1.3	4	28
25/06/24 06:30	2	14	16	1	10.9	75	1.6	346	25
25/06/24 06:35	2	15	17	1	11.0	75	1.1	345	43
25/06/24 06:40	3	17	20	1	10.9	76	1.8	17	23
25/06/24 06:45	4	20	24	1	10.9	76	1.8	4	27
25/06/24 06:50	4	21	26	1	10.9	75	2.4	9	21
25/06/24 06:55	5	21	26	1	11.0	75	2.0	357	24
25/06/24 07:00	6	21	27	1	11.0	75	2.8	7	20
25/06/24 07:05	6	21	27	1	11.0	74	3.0	9	21
25/06/24 07:10	6	20	26	2	11.0	74	2.4	7	23
25/06/24 07:15	6	20	26	2	11.0	74	2.6	6	18
25/06/24 07:20	6	20	27	1	11.0	75	2.6	5	21
25/06/24 07:25	7	20	27	1	11.0	75	2.6	6	18
25/06/24 07:30	8	20	28	1	11.0	75	2.4	0	24
25/06/24 07:35	9	21	30	1	10.9	75	2.2	0	22
25/06/24 07:40	12	21	33	1	11.0	75	2.1	10	25
25/06/24 07:45	14	21	35	1	11.0	75	1.8	356	29
25/06/24 07:50	15	22	38	1	11.0	75	1.8	358	25
25/06/24 07:55	16	23	39	1	11.0	75	2.5	4	16
25/06/24 08:00	13	21	34	1	11.1	75	2.3	3	24
25/06/24 08:05	10	20	31	1	11.0	75	2.6	14	20
25/06/24 08:10	9	19	28	2	11.0	75	2.1	15	25
25/06/24 08:15	10	20	30	2	11.1	75	2.2	14	21
25/06/24 08:20	10	20	31	1	11.0	75	3.8	5	17
25/06/24 08:25	10	20	30	1	11.1	74	2.9	1	15
25/06/24 08:30	10	19	29	1	11.1	74	2.3	21	29
25/06/24 08:35	9	19	29	1	11.2	73	3.1	19	22
25/06/24 08:40	9	19	27	1	11.4	71	3.9	7	21
25/06/24 08:45	7	16	23	1	11.7	70	4.0	6	23
25/06/24 08:50	6	11	17	1	11.7	69	3.4	5	29
25/06/24 08:55	5	11	16	1	11.7	69	3.8	4	20
25/06/24 09:00	5	11	16	1	11.6	69	3.6	9	20
25/06/24 09:05	4	11	16	1	11.7	69	4.2	18	18
25/06/24 09:10	4	11	16	1	11.7	69	3.6	14	24
25/06/24 09:15	4	11	15	1	11.8	69	4.2	16	21
25/06/24 09:20	4	11	15	1	11.7	69	3.1	28	23
25/06/24 09:25	4	11	15	1	11.8	69	3.6	19	29
25/06/24 09:30	5	11	16	1	11.9	68	3.8	2	24
25/06/24 09:35	5	11	17	1	12.0	68	4.4	10	18
25/06/24 09:40	6	12	19	1	12.1	68	5.0	18	20
25/06/24 09:45	7	11	18	1	12.2	67	4.5	9	22
25/06/24 09:50	6	10	16	1	12.5	66	3.1	357	25
25/06/24 09:55	7	11	17	1	12.8	65	4.6	9	21
25/06/24 10:00	6	9	15	2	12.8	64	5.0	17	18
25/06/24 10:05	6	8	14	2	13.0	63	4.3	20	18
25/06/24 10:10	6	8	14	2	13.2	62	4.9	11	22
25/06/24 10:15	5	6	12	2	13.1	62	3.9	14	27
25/06/24 10:20	5	6	11	2	13.1	62	3.7	14	22
25/06/24 10:25	5	6	11	2	13.0	62	4.4	21	17
25/06/24 10:30	5	7	11	2	13.0	63	3.5	13	24
25/06/24 10:35	5	7	12	2	13.0	63	3.8	6	30
25/06/24 10:40	4	8	12	2	12.8	63	4.5	7	19
25/06/24 10:45	4	8	12	2	12.8	63	4.1	14	21
25/06/24 10:50	4	8	12	2	12.7	63	3.8	17	20
25/06/24 10:55	4	8	12	2	12.8	63	3.8	5	23
25/06/24 11:00	4	8	12	1	12.8	62	3.5	9	18
25/06/24 11:05	4	8	12	1	12.9	62	3.9	4	22
25/06/24 11:10	4	8	11	1	13.0	61	3.6	7	23
25/06/24 11:15	4	8	11	1	13.0	61	3.9	17	22
25/06/24 11:20	4	8	12	1	13.0	61	3.3	358	25
25/06/24 11:25	4	8	12	1	13.1	61	2.9	3	24
25/06/24 11:30	4	8	13	2	13.3	61	2.5	5	27
25/06/24 11:35	5	9	13	1	13.4	60	3.3	15	18
25/06/24 11:40	5	9	14	1	13.5	60	3.6	9	21

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/06/24 11:45	5	9	13	2	13.6	59	3.2	6	21
25/06/24 11:50	5	9	13	2	13.7	58	2.6	14	24
25/06/24 11:55	5	9	14	2	13.8	58	2.0	352	34
25/06/24 12:00	5	10	15	2	13.9	58	2.5	346	35
25/06/24 12:05	6	11	17	2	14.0	57	2.9	359	21
25/06/24 12:10	6	11	17	2	14.2	57	4.3	8	17
25/06/24 12:15	6	10	16	1	14.3	56	3.2	9	25
25/06/24 12:20	6	10	15	2	14.4	56	1.9	7	35
25/06/24 12:25	6	11	17	2	14.5	56	2.0	13	32
25/06/24 12:30	6	10	16	2	14.6	54	3.3	9	28
25/06/24 12:35	6	10	16	2	14.7	54	2.8	353	29
25/06/24 12:40	6	10	17	2	15.0	54	2.6	3	21
25/06/24 12:45	6	10	16	1	15.4	53	1.6	357	44
25/06/24 12:50	6	9	15	2	15.5	52	3.5	10	24
25/06/24 12:55	6	9	14	2	15.6	51	4.2	9	22
25/06/24 13:00	5	8	13	2	15.7	50	3.7	10	23
25/06/24 13:05	5	8	13	2	15.9	49	4.5	8	24
25/06/24 13:10	5	7	12	1	16.0	49	4.4	10	24
25/06/24 13:15	4	7	11	1	16.0	49	4.1	18	24
25/06/24 13:20	4	7	11	1	16.1	48	3.8	10	21
25/06/24 13:25	4	6	10	2	16.1	48	4.5	10	22
25/06/24 13:30	4	6	10	2	16.2	48	2.8	21	28
25/06/24 13:35	4	7	10	2	16.3	48	4.0	11	25
25/06/24 13:40	4	7	10	2	16.3	48	2.8	11	36
25/06/24 13:45	4	7	11	1	16.5	47	3.5	9	21
25/06/24 13:50	4	7	11	1	16.6	47	2.3	348	33
25/06/24 13:55	4	7	12	2	16.7	46	4.0	8	25
25/06/24 14:00	4	7	11	2	16.7	46	4.0	8	27
25/06/24 14:05	4	7	10	2	16.7	46	4.3	10	24
25/06/24 14:10	3	7	10	2	16.7	46	3.1	2	25
25/06/24 14:15	3	7	10	2	16.8	46	3.9	16	24
25/06/24 14:20	3	6	9	2	16.7	47	4.5	24	24
25/06/24 14:25	3	6	9	1	16.7	47	3.2	15	24
25/06/24 14:30	3	6	9	1	16.9	46	3.8	15	23
25/06/24 14:35	3	6	9	1	16.9	46	2.9	10	22
25/06/24 14:40	3	7	10	1	17.2	45	3.6	17	34
25/06/24 14:45	3	6	9	1	17.1	46	2.6	8	41
25/06/24 14:50	3	7	10	1	17.2	46	3.8	3	21
25/06/24 14:55	3	7	10	1	17.1	46	4.5	18	21
25/06/24 15:00	3	7	10	1	17.2	46	3.5	19	25
25/06/24 15:05	3	7	9	1	17.1	46	3.8	19	24
25/06/24 15:10	3	7	9	1	17.1	47	3.2	16	23
25/06/24 15:15	3	7	9	1	17.0	47	3.1	20	23
25/06/24 15:20	2	7	9	1	17.0	47	4.6	25	20
25/06/24 15:25	2	6	9	1	16.9	47	4.1	25	21
25/06/24 15:30	2	6	9	1	16.9	47	3.8	12	26
25/06/24 15:35	2	6	9	1	16.9	47	3.9	16	22
25/06/24 15:40	2	6	8	1	16.9	47	4.6	29	18
25/06/24 15:45	2	6	8	1	16.9	48	3.6	28	20
25/06/24 15:50	2	6	8	1	16.8	48	3.0	22	18
25/06/24 15:55	2	7	9	1	16.9	48	4.2	28	15
25/06/24 16:00	2	6	8	1	16.8	48	3.8	21	15
25/06/24 16:05	2	6	8	1	16.8	48	3.6	25	21
25/06/24 16:10	2	7	8	1	16.7	48	3.4	20	24
25/06/24 16:15	2	8	10	1	16.7	48	3.6	21	18
25/06/24 16:20	2	9	11	1	16.6	49	2.9	24	20
25/06/24 16:25	2	9	12	1	16.6	49	3.4	30	23
25/06/24 16:30	2	9	12	1	16.6	49	4.3	26	18
25/06/24 16:35	2	9	12	1	16.4	49	4.1	30	16
25/06/24 16:40	2	9	11	1	16.3	50	4.5	30	16
25/06/24 16:45	2	9	11	1	16.2	50	4.4	31	18
25/06/24 16:50	2	9	11	1	16.1	51	4.4	34	21
25/06/24 16:55	1	9	10	1	16.0	51	3.5	29	19
25/06/24 17:00	1	9	11	1	15.8	52	3.8	20	19
25/06/24 17:05	1	10	11	1	15.8	52	3.2	19	23
25/06/24 17:10	1	10	11	1	15.7	53	3.1	21	20
25/06/24 17:15	1	10	11	1	15.7	53	2.3	20	26
25/06/24 17:20	1	11	12	0	15.5	54	2.9	26	18
25/06/24 17:25	1	11	12	1	15.5	54	4.4	21	17
25/06/24 17:30	1	11	12	1	15.5	54	3.1	22	20
25/06/24 17:35	1	11	11	1	15.5	55	3.1	26	17
25/06/24 17:40	1	10	11	1	15.4	54	3.5	21	15
25/06/24 17:45	1	10	11	1	15.4	54	3.4	22	16
25/06/24 17:50	1	10	10	1	15.5	55	3.7	25	18
25/06/24 17:55	1	10	10	1	15.3	55	3.3	25	19
25/06/24 18:00	1	10	10	1	15.2	55	3.3	30	17
25/06/24 18:05	1	10	10	1	15.3	56	3.8	25	15
25/06/24 18:10	1	9	10	1	15.2	56	3.6	22	18
25/06/24 18:15	0	9	10	1	15.2	56	3.1	26	20
25/06/24 18:20	0	9	9	1	15.2	56	3.3	23	19
25/06/24 18:25	0	9	9	1	15.1	56	3.2	27	18
25/06/24 18:30	0	9	9	1	15.1	56	3.7	27	17
25/06/24 18:35	0	9	9	1	15.1	57	3.3	20	15
25/06/24 18:40	0	9	9	1	15.2	57	3.1	23	20
25/06/24 18:45	0	9	9	1	15.0	57	3.8	25	15
25/06/24 18:50	0	9	9	1	15.1	57	3.3	21	19

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/06/24 18:55	0	8	9	1	15.1	57	4.1	28	15
25/06/24 19:00	0	8	8	1	15.2	57	4.0	29	18
25/06/24 19:05	0	8	8	1	15.2	57	3.5	23	24
25/06/24 19:10	0	8	8	1	15.1	57	4.2	22	18
25/06/24 19:15	0	7	8	1	15.2	57	3.7	22	17
25/06/24 19:20	0	7	7	1	15.2	57	3.7	25	15
25/06/24 19:25	0	7	7	1	15.2	57	4.2	29	16
25/06/24 19:30	0	7	7	1	15.2	57	3.6	29	20
25/06/24 19:35	0	7	7	1	15.2	57	3.4	26	14
25/06/24 19:40	0	7	7	1	15.1	57	4.0	28	16
25/06/24 19:45	0	7	7	1	15.2	56	3.6	28	18
25/06/24 19:50	0	7	7	1	15.2	56	3.6	28	15
25/06/24 19:55	0	7	7	1	15.2	56	3.5	37	16
25/06/24 20:00	0	7	7	1	15.1	56	2.8	38	18
25/06/24 20:05	0	7	7	1	14.8	57	2.4	37	18
25/06/24 20:10	0	8	8	1	14.7	57	2.4	37	17
25/06/24 20:15	0	8	8	1	14.7	57	2.9	50	17
25/06/24 20:20	0	8	9	1	14.6	57	2.6	42	19
25/06/24 20:25	0	9	9	1	14.5	58	2.5	41	17
25/06/24 20:30	0	9	9	1	14.5	57	3.0	42	15
25/06/24 20:35	0	9	9	1	14.5	57	2.5	41	14
25/06/24 20:40	0	10	10	1	14.3	58	2.5	34	18
25/06/24 20:45	0	10	10	1	14.3	57	3.4	37	12
25/06/24 20:50	0	9	10	1	14.4	56	2.9	33	17
25/06/24 20:55	0	9	10	1	14.4	56	2.6	30	17
25/06/24 21:00	0	9	9	1	14.5	55	3.8	27	14
25/06/24 21:05	0	8	9	1	14.6	54	3.4	25	14
25/06/24 21:10	0	8	8	1	14.5	55	2.3	23	18
25/06/24 21:15	0	8	8	1	14.3	55	2.6	19	26
25/06/24 21:20	0	8	8	1	14.3	55	2.7	15	20
25/06/24 21:25	0	8	8	1	14.1	56	2.6	15	20
25/06/24 21:30	0	8	8	1	14.0	56	2.5	19	18
25/06/24 21:35	0	9	9	1	14.0	56	2.3	4	17
25/06/24 21:40	0	10	10	1	13.8	58	1.8	319	24
25/06/24 21:45	0	11	11	1	13.6	59	1.0	356	36
25/06/24 21:50	0	13	13	1	13.3	59	1.6	19	22
25/06/24 21:55	0	16	17	1	13.2	60	1.6	12	24
25/06/24 22:00	1	17	17	1	13.1	59	1.6	21	27
25/06/24 22:05	1	17	17	1	13.1	59	1.6	16	20
25/06/24 22:10	1	17	17	1	13.1	58	2.1	15	25
25/06/24 22:15	1	16	17	1	13.3	57	2.2	16	27
25/06/24 22:20	1	16	17	1	13.4	56	3.0	20	24
25/06/24 22:25	1	15	15	1	13.5	55	2.7	23	18
25/06/24 22:30	0	14	14	1	13.5	56	2.2	18	21
25/06/24 22:35	0	13	13	1	13.5	55	2.3	17	23
25/06/24 22:40	0	12	12	1	13.5	55	2.6	9	21
25/06/24 22:45	0	12	12	1	13.6	55	2.2	10	23
25/06/24 22:50	0	12	12	1	13.5	55	2.4	3	18
25/06/24 22:55	0	12	12	1	13.5	55	2.9	7	16
25/06/24 23:00	0	12	12	1	13.4	55	1.8	352	27
25/06/24 23:05	0	11	12	1	13.4	55	1.3	352	36
25/06/24 23:10	0	11	11	1	13.3	55	2.0	5	25
25/06/24 23:15	0	11	11	1	13.2	56	1.9	10	23
25/06/24 23:20	0	11	11	1	13.1	56	1.5	3	28
25/06/24 23:25	0	11	11	1	13.0	56	1.8	1	26
25/06/24 23:30	0	10	11	1	13.0	56	1.4	358	25
25/06/24 23:35	0	10	10	1	13.0	56	1.7	358	25
25/06/24 23:40	0	10	10	1	13.0	57	1.6	2	26
25/06/24 23:45	0	10	10	1	12.8	57	1.8	2	26
25/06/24 23:50	0	9	10	1	12.8	57	2.1	2	19
25/06/24 23:55	0	9	9	1	12.9	57	2.3	5	19
26/06/24 00:00	0	8	9	1	13.0	57	1.6	7	27
26/06/24 00:05	0	8	8	1	12.9	57	1.4	16	27
26/06/24 00:10	0	8	8	1	12.8	58	2.1	14	20
26/06/24 00:15	0	8	8	1	12.8	58	2.0	27	19
26/06/24 00:20	0	7	8	1	12.7	58	2.3	30	26
26/06/24 00:25	0	7	7	1	12.7	58	2.5	31	19
26/06/24 00:30	0	7	7	1	12.8	58	2.7	31	22
26/06/24 00:35	0	7	7	1	12.6	59	2.0	25	27
26/06/24 00:40	0	7	7	1	12.6	59	2.4	17	19
26/06/24 00:45	0	7	7	1	12.7	59	2.1	31	24
26/06/24 00:50	0	7	7	1	12.5	60	1.9	20	28
26/06/24 00:55	0	6	7	1	12.5	60	2.5	21	22
26/06/24 01:00	0	6	6	1	12.6	60	3.0	9	23
26/06/24 01:05					12.7	59	3.1	17	19
26/06/24 01:10					12.7	59	3.2	15	22
26/06/24 01:15					12.7	59	4.3	17	18
26/06/24 01:20					12.8	59	3.6	9	18
26/06/24 01:25					12.8	58	3.2	11	21
26/06/24 01:30					12.8	58	4.0	7	20
26/06/24 01:35					12.9	58	2.6	11	24
26/06/24 01:40					12.8	58	3.1	1	22
26/06/24 01:45					12.9	58	2.9	357	29
26/06/24 01:50					12.9	57	2.6	351	30
26/06/24 01:55					12.9	57	4.2	3	16
26/06/24 02:00					12.9	57	3.6	7	23

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/06/24 02:05	0	5	5	1	12.8	57	3.9	12	22
26/06/24 02:10	0	5	5	1	12.7	57	3.4	2	22
26/06/24 02:15	0	5	5	1	12.7	58	3.2	0	26
26/06/24 02:20	0	4	5	1	12.7	58	3.1	3	24
26/06/24 02:25	0	5	5	1	12.7	58	3.3	16	24
26/06/24 02:30	0	4	4	1	12.8	58	2.6	4	27
26/06/24 02:35	0	4	4	1	12.7	58	2.5	316	26
26/06/24 02:40	1	8	9	1	12.6	58	1.8	349	36
26/06/24 02:45	1	13	14	1	12.4	59	2.2	359	29
26/06/24 02:50	1	14	15	1	12.4	59	2.2	356	28
26/06/24 02:55	1	15	16	1	12.4	60	1.9	311	24
26/06/24 03:00	2	16	18	1	12.4	60	2.9	301	13
26/06/24 03:05	2	15	17	1	12.3	60	2.2	307	18
26/06/24 03:10	2	15	17	1	12.3	59	1.8	327	24
26/06/24 03:15	2	15	17	1	12.2	59	1.6	340	28
26/06/24 03:20	2	18	20	1	12.2	60	1.2	349	35
26/06/24 03:25	3	19	23	1	12.1	60	1.7	348	31
26/06/24 03:30	3	15	17	1	12.1	59	2.1	350	25
26/06/24 03:35	2	11	13	1	12.1	60	2.5	3	19
26/06/24 03:40	1	9	10	1	12.0	60	2.5	4	17
26/06/24 03:45	1	7	8	1	12.1	60	2.5	4	28
26/06/24 03:50	1	7	8	1	12.0	60	2.0	353	30
26/06/24 03:55	1	8	8	1	12.0	61	2.2	11	19
26/06/24 04:00	1	8	9	1	12.0	61	2.1	358	25
26/06/24 04:05	0	9	10	1	12.0	62	2.8	0	21
26/06/24 04:10	0	10	10	1	12.0	62	3.2	0	23
26/06/24 04:15	1	10	11	1	11.9	62	2.3	348	28
26/06/24 04:20	1	10	11	1	12.0	62	2.3	2	23
26/06/24 04:25	1	10	11	1	11.9	62	2.8	356	26
26/06/24 04:30	1	11	11	1	12.0	62	1.9	4	35
26/06/24 04:35	1	11	11	1	12.0	62	2.2	338	29
26/06/24 04:40	1	11	12	1	12.1	62	2.5	308	15
26/06/24 04:45	1	14	16	1	12.2	62	2.3	322	21
26/06/24 04:50	2	18	20	1	12.1	62	2.4	314	19
26/06/24 04:55	2	17	19	1	12.1	63	3.0	296	17
26/06/24 05:00	2	17	19	1	12.0	63	2.6	306	14
26/06/24 05:05	2	17	19	1	11.9	64	2.8	306	15
26/06/24 05:10	2	16	18	1	11.9	64	2.1	314	21
26/06/24 05:15	2	16	18	1	11.8	64	1.7	322	35
26/06/24 05:20	2	16	18	1	11.8	64	2.1	329	30
26/06/24 05:25	2	16	18	1	11.8	64	1.7	331	29
26/06/24 05:30	3	16	19	1	11.7	65	1.4	16	38
26/06/24 05:35	3	17	20	1	11.6	66	1.6	333	35
26/06/24 05:40	3	17	20	1	11.7	66	1.6	335	31
26/06/24 05:45	3	18	21	1	11.7	67	1.4	320	33
26/06/24 05:50	3	18	21	1	11.6	66	1.3	334	37
26/06/24 05:55	3	18	21	1	11.7	66	1.7	358	28
26/06/24 06:00	3	18	21	1	11.7	67	1.7	321	24
26/06/24 06:05	3	19	22	1	11.7	67	1.5	334	25
26/06/24 06:10	4	19	23	1	11.6	67	1.8	344	38
26/06/24 06:15	4	19	22	1	11.7	66	2.6	309	21
26/06/24 06:20	3	18	21	1	11.7	66	2.4	308	15
26/06/24 06:25	3	18	20	1	11.6	66	1.9	318	22
26/06/24 06:30	3	18	20	1	11.6	66	2.1	321	22
26/06/24 06:35	2	18	21	1	11.5	66	1.4	339	28
26/06/24 06:40	3	20	22	1	11.4	66	1.7	0	24
26/06/24 06:45	5	31	36	1	11.3	67	1.8	5	24
26/06/24 06:50	10	30	40	1	11.2	67	1.9	9	18
26/06/24 06:55	7	23	29	1	11.1	68	1.3	20	35
26/06/24 07:00	5	21	26	1	11.2	68	1.3	9	32
26/06/24 07:05	5	20	25	1	11.1	68	1.2	15	26
26/06/24 07:10	4	20	24	1	11.2	68	1.0	12	31
26/06/24 07:15	4	19	23	1	11.2	68	2.2	9	22
26/06/24 07:20	4	20	24	1	11.2	68	2.2	357	29
26/06/24 07:25	5	23	28	1	11.3	68	2.3	356	26
26/06/24 07:30	5	24	29	1	11.3	68	1.9	339	40
26/06/24 07:35	6	24	30	1	11.2	69	2.2	349	31
26/06/24 07:40	6	23	29	1	11.2	69	2.3	346	25
26/06/24 07:45	6	25	31	1	11.2	69	2.3	350	24
26/06/24 07:50	7	25	32	1	11.1	69	2.5	342	31
26/06/24 07:55	7	24	31	1	11.2	69	2.1	331	27
26/06/24 08:00	7	24	31	1	11.2	70	2.3	324	28
26/06/24 08:05	7	25	32	1	11.2	69	2.5	322	33
26/06/24 08:10	7	24	30	1	11.4	69	2.5	333	24
26/06/24 08:15	7	23	30	1	11.5	68	1.7	333	32
26/06/24 08:20	7	23	30	1	11.5	68	2.2	323	25
26/06/24 08:25	8	23	31	1	11.4	69	1.9	339	33
26/06/24 08:30	9	24	33	1	11.4	69	1.8	336	30
26/06/24 08:35	10	24	34	1	11.4	69	2.3	354	27
26/06/24 08:40	12	23	35	1	11.3	70	2.8	344	28
26/06/24 08:45	14	23	37	1	11.3	69	2.1	329	35
26/06/24 08:50	15	22	37	1	11.3	69	1.9	328	34
26/06/24 08:55	14	22	36	1	11.3	69	1.8	341	37
26/06/24 09:00	14	22	36	1	11.4	69	2.5	334	31
26/06/24 09:05	15	22	36	1	11.6	68	2.3	333	27
26/06/24 09:10	15	22	37	1	11.9	66	1.5	314	34

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/06/24 09:15	16	22	38	1	12.0	65	1.9	342	27
26/06/24 09:20	17	22	39	1	12.3	65	1.9	328	28
26/06/24 09:25	17	22	39	1	12.5	64	0.7	343	60
26/06/24 09:30	17	21	38	1	12.7	63	2.1	331	38
26/06/24 09:35	16	20	37	1	12.5	63	2.3	326	34
26/06/24 09:40	15	19	34	1	12.5	64	2.8	331	27
26/06/24 09:45	14	15	28	1	12.6	63	2.6	339	32
26/06/24 09:50	12	14	26	1	12.6	63	2.5	336	40
26/06/24 09:55	11	12	23	1	12.6	63	3.1	332	29
26/06/24 10:00	8	11	19	1	12.6	63	2.4	335	31
26/06/24 10:05	8	11	19	1	12.6	63	2.2	332	35
26/06/24 10:10	8	12	19	1	12.9	62	2.7	350	32
26/06/24 10:15	7	12	19	1	12.9	62	2.4	329	40
26/06/24 10:20	7	12	19	1	12.8	62	3.4	338	26
26/06/24 10:25	7	12	19	1	12.7	63	3.0	326	32
26/06/24 10:30	7	11	18	1	12.9	63	2.9	310	22
26/06/24 10:35	6	11	17	1	12.9	62	2.8	323	34
26/06/24 10:40	6	10	16	1	13.0	63	3.3	323	26
26/06/24 10:45	5	8	13	1	13.0	63	3.5	322	25
26/06/24 10:50	5	9	14	1	13.0	63	3.0	314	21
26/06/24 10:55	5	10	15	1	13.0	63	2.9	312	22
26/06/24 11:00	5	6	11	1	13.1	61	3.2	312	26
26/06/24 11:05	5	7	12	1	13.3	61	3.1	308	22
26/06/24 11:10	5	10	15	1	13.4	61	2.4	312	33
26/06/24 11:15	5	10	15	1	13.5	60	3.7	308	21
26/06/24 11:20	5	9	14	1	13.6	59	3.1	315	29
26/06/24 11:25	5	9	14	1	13.6	58	3.8	314	20
26/06/24 11:30	4	8	13	1	13.6	57	5.2	313	20
26/06/24 11:35	4	8	12	1	13.6	57	3.9	319	27
26/06/24 11:40	4	7	11	1	13.7	57	5.2	313	24
26/06/24 11:45	3	7	10	1	13.6	57	6.1	311	16
26/06/24 11:50	3	6	9	1	13.6	58	5.2	305	19
26/06/24 11:55	3	6	9	1	13.7	57	5.0	307	16
26/06/24 12:00	3	6	8	1	13.7	56	5.6	305	16
26/06/24 12:05	2	6	8	1	13.7	56	5.2	308	18
26/06/24 12:10	2	6	8	1	13.8	56	5.4	311	17
26/06/24 12:15	2	6	8	1	13.9	56	4.8	311	21
26/06/24 12:20	3	6	8	1	13.9	55	4.2	314	22
26/06/24 12:25	3	6	9	1	14.1	55	4.3	310	22
26/06/24 12:30	3	6	9	1	14.0	55	4.4	304	20
26/06/24 12:35	3	7	9	1	13.9	56	4.3	313	21
26/06/24 12:40	3	7	9	1	14.0	56	3.2	321	27
26/06/24 12:45	3	7	9	1	14.1	56	3.1	318	31
26/06/24 12:50	3	7	10	1	14.2	56	3.1	334	27
26/06/24 12:55	4	7	11	1	14.2	56	5.3	313	22
26/06/24 13:00	4	7	11	1	14.2	57	3.0	336	36
26/06/24 13:05	3	7	10	1	14.2	57	3.2	336	31
26/06/24 13:10	3	7	10	1	14.2	57	3.3	331	21
26/06/24 13:15	3	7	10	1	14.2	57	3.3	315	26
26/06/24 13:20	3	7	10	1	14.1	57	2.9	313	27
26/06/24 13:25	3	7	10	1	14.2	57	3.1	303	21
26/06/24 13:30	3	7	11	1	14.3	56	4.6	304	12
26/06/24 13:35	3	8	11	1	14.3	55	3.7	306	19
26/06/24 13:40	4	8	12	1	14.5	54	4.0	310	24
26/06/24 13:45	4	8	12	1	14.6	54	3.4	311	23
26/06/24 13:50	3	8	11	1	14.4	54	4.1	313	22
26/06/24 13:55	3	7	10	1	14.3	54	4.1	301	15
26/06/24 14:00	3	8	11	1	14.5	55	4.3	305	17
26/06/24 14:05	3	7	10	1	14.5	54	4.6	303	17
26/06/24 14:10	3	7	10	1	14.3	54	4.4	310	18
26/06/24 14:15	2	7	10	1	14.3	54	3.5	310	20
26/06/24 14:20	3	8	10	1	14.5	53	3.7	309	19
26/06/24 14:25	3	8	11	1	14.8	51	5.6	304	15
26/06/24 14:30	3	8	11	1	14.8	49	6.6	306	12
26/06/24 14:35	3	8	10	1	14.6	49	5.7	304	14
26/06/24 14:40	2	8	10	1	14.5	50	4.8	306	15
26/06/24 14:45	2	8	10	1	14.5	51	3.7	302	18
26/06/24 14:50	2	8	11	1	14.6	50	4.5	307	14
26/06/24 14:55	2	9	11	1	14.7	50	4.3	305	19
26/06/24 15:00	3	9	12	1	14.6	51	3.2	300	16
26/06/24 15:05	3	9	12	1	14.6	51	3.9	302	16
26/06/24 15:10	2	9	12	1	14.6	51	3.4	305	18
26/06/24 15:15	3	10	12	1	14.7	50	3.9	305	13
26/06/24 15:20	3	10	13	1	14.7	50	4.3	304	14
26/06/24 15:25	3	10	12	1	14.7	51	5.0	303	15
26/06/24 15:30	3	10	12	1	14.9	49	5.2	308	13
26/06/24 15:35	2	9	12	1	15.0	49	4.2	306	17
26/06/24 15:40	2	9	11	1	15.0	49	3.7	301	15
26/06/24 15:45	2	9	11	1	15.2	49	3.1	318	24
26/06/24 15:50	2	9	12	1	15.1	50	3.1	322	25
26/06/24 15:55	2	9	12	1	15.2	51	2.9	322	27
26/06/24 16:00	2	10	13	1	15.1	51	3.5	310	19
26/06/24 16:05	3	11	13	1	14.8	52	3.8	308	16
26/06/24 16:10	2	11	13	1	14.6	53	4.3	304	13
26/06/24 16:15	2	11	13	1	14.5	53	4.0	306	14
26/06/24 16:20	2	11	13	1	14.4	53	4.5	303	13

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/06/24 16:25	2	11	13	1	14.6	53	4.6	312	12
26/06/24 16:30	2	11	13	1	14.6	53	2.8	326	29
26/06/24 16:35	2	11	13	1	14.6	53	3.0	312	23
26/06/24 16:40	2	12	14	1	14.4	54	4.2	309	14
26/06/24 16:45	2	11	13	1	14.3	54	4.6	307	12
26/06/24 16:50	2	12	13	1	14.2	55	4.7	311	13
26/06/24 16:55	2	11	13	1	14.0	56	5.0	305	11
26/06/24 17:00	2	11	13	1	13.9	56	4.8	308	11
26/06/24 17:05	1	11	13	1	13.9	56	3.5	309	17
26/06/24 17:10	1	13	14	1	13.7	57	2.6	304	15
26/06/24 17:15	1	15	16	1	13.7	58	2.2	307	18
26/06/24 17:20	2	19	21	1	13.6	58	2.3	308	19
26/06/24 17:25	2	24	26	1	13.5	58	2.7	306	15
26/06/24 17:30	3	25	28	2	13.5	59	2.4	307	23
26/06/24 17:35	3	26	30	1	13.5	59	2.4	313	18
26/06/24 17:40	4	27	32	1	13.5	60	2.6	305	17
26/06/24 17:45	4	27	31	1	13.6	60	2.6	316	23
26/06/24 17:50	4	26	30	1	13.6	59	2.3	312	17
26/06/24 17:55	4	25	29	1	13.6	60	1.8	312	27
26/06/24 18:00	4	24	28	1	13.5	60	2.2	310	23
26/06/24 18:05	4	24	27	1	13.5	60	2.0	327	30
26/06/24 18:10	3	23	27	1	13.5	61	2.0	323	25
26/06/24 18:15	3	23	26	1	13.4	61	2.4	324	25
26/06/24 18:20	3	23	26	1	13.4	61	1.8	326	29
26/06/24 18:25	3	22	26	1	13.3	62	1.5	316	32
26/06/24 18:30	3	23	26	1	13.2	62	1.2	337	36
26/06/24 18:35	3	22	26	1	13.2	62	1.3	333	40
26/06/24 18:40	3	22	26	1	13.2	62	2.1	333	25
26/06/24 18:45	4	22	26	1	13.1	62	1.9	321	27
26/06/24 18:50	4	22	26	1	13.1	62	1.6	335	34
26/06/24 18:55	3	22	25	1	13.1	62	2.0	321	27
26/06/24 19:00	3	22	25	1	13.1	63	1.8	334	36
26/06/24 19:05	5	22	27	1	13.0	63	1.7	341	32
26/06/24 19:10	7	25	33	1	12.8	64	1.3	345	35
26/06/24 19:15	10	27	36	1	12.8	64	2.0	332	32
26/06/24 19:20	9	26	35	1	12.7	64	1.9	352	24
26/06/24 19:25	6	23	29	1	12.6	64	1.4	348	36
26/06/24 19:30	5	24	29	1	12.5	65	1.5	2	25
26/06/24 19:35	5	24	29	1	12.5	65	1.1	337	35
26/06/24 19:40	5	24	29	1	12.4	65	1.6	354	26
26/06/24 19:45	5	24	29	1	12.4	66	1.5	355	34
26/06/24 19:50	5	24	29	1	12.4	65	1.4	351	32
26/06/24 19:55	6	25	30	1	12.4	66	1.2	354	38
26/06/24 20:00	7	25	32	1	12.3	65	1.4	338	39
26/06/24 20:05	9	27	36	1	12.4	65	1.2	316	36
26/06/24 20:10	10	28	38	1	12.4	65	1.8	337	27
26/06/24 20:15	10	27	38	1	12.4	66	1.7	335	29
26/06/24 20:20	10	27	37	1	12.4	66	1.8	349	25
26/06/24 20:25	10	27	36	1	12.3	66	1.8	327	25
26/06/24 20:30	9	26	36	1	12.3	66	1.9	331	22
26/06/24 20:35	8	26	34	1	12.3	67	1.5	325	29
26/06/24 20:40	7	25	32	1	12.3	67	1.4	327	37
26/06/24 20:45	7	25	32	1	12.2	67	1.4	328	36
26/06/24 20:50	7	25	32	1	12.1	68	1.4	343	38
26/06/24 20:55	6	24	30	1	12.0	68	1.6	342	37
26/06/24 21:00	5	23	29	1	12.1	68	1.3	346	41
26/06/24 21:05	5	24	29	1	12.0	69	1.3	343	39
26/06/24 21:10	5	24	29	1	11.9	70	1.2	353	41
26/06/24 21:15	5	23	28	1	11.9	70	1.5	353	34
26/06/24 21:20	5	23	27	1	11.8	70	1.1	351	36
26/06/24 21:25	5	23	27	1	11.8	70	1.7	336	34
26/06/24 21:30	4	23	27	1	11.9	70	1.8	317	26
26/06/24 21:35	4	22	25	1	12.0	70	2.1	321	25
26/06/24 21:40	3	21	25	1	12.0	70	1.6	341	38
26/06/24 21:45	3	21	24	1	12.0	70	2.3	327	28
26/06/24 21:50	3	20	23	1	12.0	70	2.4	320	24
26/06/24 21:55	3	20	23	1	12.0	70	1.8	326	28
26/06/24 22:00	3	20	23	1	11.9	71	1.3	327	36
26/06/24 22:05	3	20	23	1	11.8	71	1.8	327	33
26/06/24 22:10	2	20	22	1	11.8	71	1.8	326	30
26/06/24 22:15	3	20	23	1	11.8	71	2.0	315	25
26/06/24 22:20	5	23	29	1	11.7	71	1.9	335	36
26/06/24 22:25	5	22	27	1	11.7	72	1.7	326	31
26/06/24 22:30	2	15	17	1	11.6	72	1.2	333	41
26/06/24 22:35	1	15	16	1	11.5	72	1.1	331	49
26/06/24 22:40	1	15	15	1	11.5	73	1.8	350	29
26/06/24 22:45	1	15	15	1	11.4	73	1.4	344	39
26/06/24 22:50	1	15	15	1	11.5	73	1.8	331	35
26/06/24 22:55	1	14	15	1	11.5	74	2.1	322	32
26/06/24 23:00	1	13	14	1	11.5	74	2.0	324	31
26/06/24 23:05	1	13	14	1	11.5	73	2.5	325	29
26/06/24 23:10	1	14	15	1	11.4	74	2.1	316	26
26/06/24 23:15	1	14	15	1	11.5	73	2.4	320	27
26/06/24 23:20	1	15	16	1	11.5	73	2.9	320	21
26/06/24 23:25	1	16	17	1	11.5	72	2.3	322	25
26/06/24 23:30	1	15	17	1	11.6	72	2.7	332	24

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/06/24 23:35	1	15	17	1	11.6	72	1.3	348	43
26/06/24 23:40	2	16	18	1	11.5	73	2.1	333	27
26/06/24 23:45	2	17	19	1	11.4	73	1.9	328	29
26/06/24 23:50	2	18	20		11.4	73	2.0	323	28
26/06/24 23:55	2	18	20		11.6	73	2.6	322	28
27/06/24 00:00	2	16	18	1	11.7	73	2.2	327	29
27/06/24 00:05	1	15	16	1	11.8	73	1.8	326	35
27/06/24 00:10	1	13	14	1	11.9	72	2.6	330	27
27/06/24 00:15	1	11	12	1	12.0	72	2.3	320	25
27/06/24 00:20	1	10	11	1	12.0	71	2.4	332	29
27/06/24 00:25	1	11	11	1	12.0	72	2.3	325	26
27/06/24 00:30	1	11	12	1	12.0	72	2.5	318	24
27/06/24 00:35	1	12	13	1	11.9	73	2.6	317	21
27/06/24 00:40	1	13	13	1	11.9	72	3.2	307	13
27/06/24 00:45	1	13	13	1	12.0	72	2.5	319	21
27/06/24 00:50	1	13	14	1	12.0	72	2.6	317	21
27/06/24 00:55	1	13	14	1	12.0	72	2.4	318	22
27/06/24 01:00	1	14	15	1	12.0	72	2.0	334	25
27/06/24 01:05					11.8	72	1.7	360	31
27/06/24 01:10					11.7	73	1.1	341	41
27/06/24 01:15					11.5	73	1.7	340	30
27/06/24 01:20					11.6	73	1.6	330	29
27/06/24 01:25					11.7	72	1.9	329	28
27/06/24 01:30					11.8	72	1.3	353	32
27/06/24 01:35					11.8	73	1.6	343	30
27/06/24 01:40					11.8	73	1.5	346	27
27/06/24 01:45					11.8	73	1.9	357	24
27/06/24 01:50					11.8	73	2.0	357	21
27/06/24 01:55					11.8	73	1.8	0	24
27/06/24 02:00					11.7	73	2.2	357	26
27/06/24 02:05	0	11	12	1	11.8	73	2.2	0	23
27/06/24 02:10	0	10	10	1	11.8	73	1.6	3	31
27/06/24 02:15	0	9	10	1	11.9	73	2.0	352	23
27/06/24 02:20	0	9	10	1	11.9	73	1.2	352	34
27/06/24 02:25	0	8	9	1	11.9	73	1.8	2	19
27/06/24 02:30	0	7	7	1	11.9	73	1.5	349	27
27/06/24 02:35	0	6	7	1	11.9	73	1.6	9	18
27/06/24 02:40	0	6	7	1	11.8	74	1.5	5	21
27/06/24 02:45	0	6	7	1	11.8	76	1.2	6	26
27/06/24 02:50	0	6	7	1	11.8	76	1.4	9	29
27/06/24 02:55	0	7	7	1	11.7	76	1.4	349	32
27/06/24 03:00	0	7	7	1	11.7	76	1.0	349	32
27/06/24 03:05	0	7	7	1	11.7	76	0.7	357	51
27/06/24 03:10	0	7	7	1	11.8	76	1.4	350	23
27/06/24 03:15	0	8	8	1	11.7	76	0.9	359	31
27/06/24 03:20	0	8	9	1	11.7	76	1.1	358	20
27/06/24 03:25	0	9	9	1	11.7	77	0.8	324	37
27/06/24 03:30	0	9	9	1	11.7	77	0.8	345	32
27/06/24 03:35	0	9	10	1	11.7	77	1.2	2	36
27/06/24 03:40	0	10	10	1	11.7	77	1.1	342	38
27/06/24 03:45	0	10	10	1	11.7	77	2.0	1	20
27/06/24 03:50	0	9	10	1	11.7	78	1.5	353	27
27/06/24 03:55	0	9	9	1	11.7	78	1.6	353	27
27/06/24 04:00	0	9	9	1	11.7	79	1.7	5	29
27/06/24 04:05	0	8	8	1	11.7	79	1.7	1	18
27/06/24 04:10	0	8	8	1	11.6	79	2.2	360	18
27/06/24 04:15	0	8	8	1	11.6	79	1.7	5	21
27/06/24 04:20	0	8	8	1	11.6	80	1.6	357	23
27/06/24 04:25	0	8	8	1	11.4	80	1.3	357	35
27/06/24 04:30	0	9	9	1	11.4	81	1.4	342	30
27/06/24 04:35	0	10	10	1	11.3	81	1.8	350	25
27/06/24 04:40	0	11	11	1	11.3	81	1.1	349	37
27/06/24 04:45	0	12	12	1	11.2	81	1.2	329	28
27/06/24 04:50	1	20	21	1	11.1	81	1.4	329	23
27/06/24 04:55	11	28	40	1	11.1	81	1.5	327	22
27/06/24 05:00	19	23	42	1	11.1	81	1.3	319	31
27/06/24 05:05	15	25	40	1	11.1	81	1.2	333	26
27/06/24 05:10	15	24	39	1	11.1	81	1.0	332	36
27/06/24 05:15	18	22	40	1	11.2	81	1.1	331	31
27/06/24 05:20	19	22	41	1	11.0	81	1.2	348	28
27/06/24 05:25	21	24	46	1	11.0	81	1.0	335	32
27/06/24 05:30	25	23	48	1	11.0	82	1.3	344	30
27/06/24 05:35	26	24	49	1	11.0	82	1.1	329	30
27/06/24 05:40	21	24	45	1	11.0	82	1.2	338	32
27/06/24 05:45	21	24	45	1	11.0	82	1.4	318	26
27/06/24 05:50	16	25	41	1	11.0	82	0.9	323	37
27/06/24 05:55	16	24	40	1	11.1	82	0.7	319	40
27/06/24 06:00	20	25	45	1	11.0	82	1.0	353	30
27/06/24 06:05	24	25	49	1	10.9	82	1.4	357	23
27/06/24 06:10	38	24	62	1	11.0	82	1.4	360	22
27/06/24 06:15	45	23	68	1	11.0	83	1.6	6	16
27/06/24 06:20	47	25	71	1	10.9	83	1.3	3	20
27/06/24 06:25	43	24	67	1	10.9	83	1.5	5	16
27/06/24 06:30	25	27	52	1	10.8	83	1.9	1	14
27/06/24 06:35	24	26	50	1	10.9	83	1.9	355	21
27/06/24 06:40	25	25	51	1	10.9	82	1.9	352	19

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/06/24 06:45	29	26	55	1	10.9	82	1.5	348	23
27/06/24 06:50	40	26	67	1	10.9	82	1.2	351	24
27/06/24 06:55	48	27	76	1	10.9	83	1.6	332	26
27/06/24 07:00	49	27	76	1	10.9	82	1.4	354	20
27/06/24 07:05	48	27	75	1	10.8	83	1.8	355	21
27/06/24 07:10	48	27	75	1	10.8	83	1.5	349	25
27/06/24 07:15	49	27	76	1	10.8	83	1.2	337	31
27/06/24 07:20	49	26	75	1	10.7	83	1.8	4	20
27/06/24 07:25	49	27	76	1	10.7	83	1.2	11	23
27/06/24 07:30	50	27	77	1	10.6	84	1.1	6	31
27/06/24 07:35	49	27	76	1	10.5	84	1.3	14	26
27/06/24 07:40	45	27	73	1	10.5	84	1.4	8	18
27/06/24 07:45	38	28	66	1	10.5	84	1.4	1	20
27/06/24 07:50	35	26	61	1	10.5	84	1.9	1	16
27/06/24 07:55	35	27	62	1	10.5	84	1.5	354	22
27/06/24 08:00	30	24	54	1	10.6	84	1.7	5	20
27/06/24 08:05	30	24	54	1	10.5	84	1.4	347	22
27/06/24 08:10	32	24	56	1	10.7	83	1.1	347	31
27/06/24 08:15	38	25	62	1	10.9	82	1.7	344	25
27/06/24 08:20	44	25	69	1	11.0	81	1.4	328	28
27/06/24 08:25	49	25	74	1	11.1	80	1.2	322	27
27/06/24 08:30	56	24	81	2	11.1	80	1.6	329	23
27/06/24 08:35	73	28	102	2	11.2	79	1.4	335	21
27/06/24 08:40	83	27	111	2	11.4	78	1.7	332	27
27/06/24 08:45	87	30	118	2	11.6	77	1.0	338	32
27/06/24 08:50	79	26	105	2	11.6	76	1.8	333	25
27/06/24 08:55	71	25	96	2	11.7	76	1.4	317	24
27/06/24 09:00	70	26	96	2	11.8	75	1.5	334	27
27/06/24 09:05	69	27	96	2	11.9	75	1.5	331	23
27/06/24 09:10	69	27	96	2	12.0	74	1.7	321	21
27/06/24 09:15	68	27	95	2	12.1	73	1.4	336	23
27/06/24 09:20	65	26	91	2	12.2	72	2.0	315	17
27/06/24 09:25	56	28	84	2	12.4	71	1.9	314	18
27/06/24 09:30	47	26	73	2	12.5	69	2.3	305	18
27/06/24 09:35	33	25	58	2	12.5	68	2.8	313	14
27/06/24 09:40	29	22	51	2	12.6	67	3.2	312	13
27/06/24 09:45	20	18	38	2	12.6	67	2.5	303	14
27/06/24 09:50	20	20	39	2	12.7	66	1.8	312	22
27/06/24 09:55	18	19	37	2	12.8	64	2.5	305	16
27/06/24 10:00	17	18	35	2	13.0	64	2.2	307	16
27/06/24 10:05	14	16	30	2	13.2	62	3.1	317	18
27/06/24 10:10	11	12	23	2	13.2	62	2.9	308	13
27/06/24 10:15	9	13	22	2	13.2	63	2.8	293	16
27/06/24 10:20	8	14	22	2	13.4	62	2.9	289	15
27/06/24 10:25	7	13	20	2	13.4	62	2.4	290	20
27/06/24 10:30	7	12	18	2	13.6	60	3.4	293	14
27/06/24 10:35	6	10	15	2	13.7	60	3.4	289	15
27/06/24 10:40	5	9	14	2	13.7	60	3.1	283	16
27/06/24 10:45	5	8	13	2	13.9	58	3.0	295	17
27/06/24 10:50	4	8	12	2	14.0	57	3.6	296	14
27/06/24 10:55	4	7	11	2	14.0	58	3.2	278	15
27/06/24 11:00	4	8	12	1	14.0	58	3.0	281	15
27/06/24 11:05	4	8	12	1	14.1	57	3.5	282	15
27/06/24 11:10	4	8	12	2	14.0	58	3.5	274	20
27/06/24 11:15	4	8	11	1	14.2	57	4.1	285	12
27/06/24 11:20	3	8	11	1	14.2	57	3.9	287	13
27/06/24 11:25	4	8	11	1	14.3	57	3.9	283	16
27/06/24 11:30	4	8	12	1	14.3	57	3.6	284	17
27/06/24 11:35	4	8	12	1	14.3	56	4.6	275	15
27/06/24 11:40	3	8	11	1	14.3	57	3.9	266	7
27/06/24 11:45	3	7	11	1	14.5	56	3.3	287	15
27/06/24 11:50	3	7	9	1	14.6	55	3.3	295	14
27/06/24 11:55	3	6	9	1	14.7	54	4.2	290	11
27/06/24 12:00	3	7	9	1	14.8	54	4.0	285	13
27/06/24 12:05	3	7	10	1	14.7	55	3.9	279	12
27/06/24 12:10	3	8	11	1	14.6	55	3.5	270	13
27/06/24 12:15	3	8	11	1	14.5	56	4.0	262	10
27/06/24 12:20	3	7	10	1	14.7	54	4.0	286	16
27/06/24 12:25	2	5	8	1	15.0	53	3.7	290	15
27/06/24 12:30	2	5	7	1	15.0	53	3.2	286	21
27/06/24 12:35	2	4	6	1	15.0	53	3.2	279	14
27/06/24 12:40	2	5	6	1	15.0	53	4.1	282	14
27/06/24 12:45	2	5	6	1	15.0	52	2.8	296	19
27/06/24 12:50	2	4	6	1	15.2	51	3.0	302	17
27/06/24 12:55	2	4	6	1	15.3	52	3.4	291	15
27/06/24 13:00	1	4	6	1	15.2	53	3.9	288	10
27/06/24 13:05	1	4	5	1	15.1	51	3.3	293	18
27/06/24 13:10	1	4	5	1	15.2	52	4.1	279	17
27/06/24 13:15	1	4	6	1	15.1	53	4.6	267	10
27/06/24 13:20	2	5	7	1	15.1	53	2.5	281	13
27/06/24 13:25	2	6	8	1	15.3	52	3.8	269	7
27/06/24 13:30	2	7	10	1	15.3	52	3.3	282	17
27/06/24 13:35	2	8	11	1	15.3	52	3.7	273	13
27/06/24 13:40	2	6	9	1	15.3	52	2.4	280	26
27/06/24 13:45	2	6	9	1	15.7	50	3.6	284	14
27/06/24 13:50	2	7	9	1	15.5	51	3.1	280	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/06/24 13:55	2	6	9	1	15.5	50	3.5	277	15
27/06/24 14:00	2	6	8	1	15.6	51	3.5	278	18
27/06/24 14:05	2	6	8	1	15.7	50	3.8	277	13
27/06/24 14:10	2	5	7	1	15.5	51	3.6	273	11
27/06/24 14:15	2	4	6	1	15.3	50	4.0	268	11
27/06/24 14:20	2	4	6	1	15.5	50	3.7	275	11
27/06/24 14:25	2	5	6	1	15.6	50	4.3	269	9
27/06/24 14:30	1	5	6	1	15.6	51	3.4	282	12
27/06/24 14:35	1	5	6	1	15.6	50	3.4	291	12
27/06/24 14:40	1	5	6	1	15.7	50	2.9	284	15
27/06/24 14:45	1	5	7	1	15.7	49	4.1	257	10
27/06/24 14:50	1	6	7	1	15.8	51	3.7	255	9
27/06/24 14:55	2	9	12	1	15.5	53	4.0	261	6
27/06/24 15:00	2	7	9	1	15.4	53	5.1	256	6
27/06/24 15:05	2	6	8	1	15.4	53	3.9	262	9
27/06/24 15:10	2	8	9	1	15.4	53	4.6	272	7
27/06/24 15:15	2	7	9	1	15.4	52	3.6	270	8
27/06/24 15:20	2	8	9	1	15.5	52	2.4	273	14
27/06/24 15:25	2	11	12	1	15.5	52	2.6	270	7
27/06/24 15:30	2	16	18	1	15.5	53	2.7	270	9
27/06/24 15:35	2	14	17	1	15.4	54	2.6	269	11
27/06/24 15:40	2	10	12	1	15.3	55	3.0	268	6
27/06/24 15:45	2	10	12	1	15.5	53	2.6	271	8
27/06/24 15:50	2	10	12	1	15.8	52	3.3	270	9
27/06/24 15:55	2	9	11	1	15.9	50	3.2	275	20
27/06/24 16:00	2	12	14	1	16.0	48	3.3	282	15
27/06/24 16:05	2	11	13	1	16.1	49	3.4	289	14
27/06/24 16:10	2	12	14	1	15.8	50	2.8	288	14
27/06/24 16:15	2	12	14	1	15.7	50	2.7	288	16
27/06/24 16:20	3	18	21	2	15.7	50	3.0	280	14
27/06/24 16:25	3	19	22	2	15.7	51	3.3	281	12
27/06/24 16:30	3	16	18	1	15.5	52	2.8	288	15
27/06/24 16:35	3	16	18	1	15.4	53	2.3	280	12
27/06/24 16:40	2	18	20	2	15.3	52	2.4	283	14
27/06/24 16:45	2	19	21	1	15.2	52	2.1	284	14
27/06/24 16:50	2	19	22	1	15.2	52	1.9	283	14
27/06/24 16:55	2	20	22	1	15.0	53	1.7	290	16
27/06/24 17:00	2	22	24	1	14.9	54	1.7	293	17
27/06/24 17:05	3	25	28	2	14.9	52	2.0	296	12
27/06/24 17:10	4	32	36	2	14.9	52	1.5	293	15
27/06/24 17:15	6	38	43	2	14.8	53	1.4	292	14
27/06/24 17:20	10	37	47	2	14.6	55	1.6	291	14
27/06/24 17:25	10	35	45	2	14.5	56	1.8	295	11
27/06/24 17:30	10	35	45	2	14.3	55	1.6	299	7
27/06/24 17:35	23	35	58	2	14.5	53	1.5	296	11
27/06/24 17:40	23	36	59	2	14.6	51	2.2	305	7
27/06/24 17:45	22	36	58	2	14.6	50	2.1	311	9
27/06/24 17:50	21	36	58	2	14.5	51	2.1	309	10
27/06/24 17:55	21	36	57	2	14.4	51	1.9	311	9
27/06/24 18:00	23	35	58	2	14.3	52	1.7	308	10
27/06/24 18:05	27	34	61	2	14.4	53	1.8	304	11
27/06/24 18:10	25	36	60	2	14.2	54	1.4	295	13
27/06/24 18:15	19	35	55	2	14.0	56	1.0	291	14
27/06/24 18:20	13	34	47	2	13.8	57	1.1	294	15
27/06/24 18:25	13	34	47	2	13.8	55	1.7	311	13
27/06/24 18:30	17	34	51	2	13.8	55	1.2	308	22
27/06/24 18:35	24	33	57	2	13.6	55	0.5	349	38
27/06/24 18:40	30	34	64	2	13.5	56	1.1	333	22
27/06/24 18:45	30	35	65	2	13.6	56	1.3	317	14
27/06/24 18:50	31	35	66	2	13.5	56	1.1	318	17
27/06/24 18:55	34	34	68	2	13.4	57	0.9	318	24
27/06/24 19:00	37	34	71	2	13.3	57	1.2	316	27
27/06/24 19:05	39	33	73	2	13.2	58	1.5	311	15
27/06/24 19:10	40	33	73	3	13.1	58	1.6	315	16
27/06/24 19:15	38	33	71	2	13.2	58	2.1	308	9
27/06/24 19:20	35	34	69	2	13.1	59	1.8	307	9
27/06/24 19:25	30	36	66	2	13.0	59	1.1	321	24
27/06/24 19:30	25	34	59	2	13.0	60	1.0	335	22
27/06/24 19:35	36	33	68	2	12.7	60	0.9	356	20
27/06/24 19:40	43	34	77	2	12.5	61	1.2	323	19
27/06/24 19:45	45	34	79	3	12.5	61	1.1	331	21
27/06/24 19:50	47	34	81	3	12.5	62	1.0	335	22
27/06/24 19:55	54	29	83	3	12.2	63	1.4	359	18
27/06/24 20:00	52	32	84	3	12.2	63	1.5	0	21
27/06/24 20:05	39	39	77	3	12.1	64	1.3	350	26
27/06/24 20:10	30	31	61	3	12.1	64	1.6	360	19
27/06/24 20:15	27	30	58	3	12.3	64	1.4	353	26
27/06/24 20:20	26	31	58	2	12.2	63	1.4	359	21
27/06/24 20:25	27	32	59	2	12.2	63	1.2	347	27
27/06/24 20:30	29	32	61	2	12.3	63	1.6	330	21
27/06/24 20:35	29	32	61	2	12.3	63	1.4	327	25
27/06/24 20:40	27	33	60	2	12.4	63	1.8	329	16
27/06/24 20:45	27	33	60	3	12.3	63	1.4	323	20
27/06/24 20:50	26	33	59	3	12.3	64	1.5	319	19
27/06/24 20:55	26	33	59	3	12.2	64	1.5	319	15
27/06/24 21:00	27	33	60	3	12.2	64	1.7	321	21

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/06/24 21:05	27	32	59	3	12.1	64	1.1	347	31
27/06/24 21:10	24	32	56	3	12.0	64	2.0	2	19
27/06/24 21:15	18	31	49	3	11.9	64	1.3	345	34
27/06/24 21:20	15	31	45	3	11.9	64	1.8	324	23
27/06/24 21:25	18	30	47	3	11.9	64	1.5	355	23
27/06/24 21:30	24	30	54	2	11.7	65	1.6	352	22
27/06/24 21:35	22	31	53	2	11.6	66	1.5	345	33
27/06/24 21:40	15	27	42	2	11.6	66	1.3	344	32
27/06/24 21:45	11	28	39	2	11.5	67	1.3	332	35
27/06/24 21:50	9	28	37	2	11.5	67	1.6	359	25
27/06/24 21:55	10	27	37	2	11.4	68	1.3	355	27
27/06/24 22:00	10	28	37	2	11.2	68	1.9	3	17
27/06/24 22:05	9	27	36	2	11.1	69	2.2	4	20
27/06/24 22:10	7	21	28	1	11.1	70	2.5	7	22
27/06/24 22:15	3	18	22	1	11.1	70	2.6	5	18
27/06/24 22:20	2	19	21	1	11.1	70	2.3	3	24
27/06/24 22:25	1	18	19	1	11.2	70	2.0	7	23
27/06/24 22:30	1	17	18	1	11.1	71	2.5	8	19
27/06/24 22:35	1	17	18	1	11.1	71	1.4	346	35
27/06/24 22:40	1	16	17	1	11.0	72	1.5	327	30
27/06/24 22:45	1	16	17	1	11.0	72	1.7	346	28
27/06/24 22:50	1	16	16	1	10.9	73	1.2	342	33
27/06/24 22:55	1	16	17	1	10.8	73	1.6	343	31
27/06/24 23:00	1	17	19	1	10.6	74	2.0	345	29
27/06/24 23:05	2	18	20	1	10.6	74	2.0	360	20
27/06/24 23:10	2	18	20	1	10.4	75	2.1	358	21
27/06/24 23:15	2	18	20	1	10.4	75	2.1	358	26
27/06/24 23:20	2	17	18	1	10.4	76	2.5	356	22
27/06/24 23:25	1	16	17	1	10.5	76	2.9	360	20
27/06/24 23:30	1	14	15	1	10.4	76	2.4	5	17
27/06/24 23:35	1	14	15	1	10.4	76	2.4	353	27
27/06/24 23:40	1	15	16	1	10.4	76	1.5	344	34
27/06/24 23:45	1	15	17	1	10.2	77	1.9	356	26
27/06/24 23:50	1	16	18		10.2	77	2.4	358	20
27/06/24 23:55	1	17	18		10.1	77	2.0	1	20
28/06/24 00:00	1	17	18	1	10.1	77	2.6	359	22
28/06/24 00:05	1	17	18	1	10.1	77	2.3	355	19
28/06/24 00:10	1	17	18	2	10.1	76	2.4	0	18
28/06/24 00:15	1	16	17	2	10.1	76	2.4	359	21
28/06/24 00:20	1	15	16	2	10.2	76	2.0	356	32
28/06/24 00:25	1	14	14	2	10.2	76	2.0	351	34
28/06/24 00:30	1	13	13	2	10.2	76	2.3	345	29
28/06/24 00:35	1	12	12	2	10.1	77	1.7	346	30
28/06/24 00:40	0	12	13	1	10.0	77	1.9	355	24
28/06/24 00:45	1	13	13	1	9.9	78	2.9	358	18
28/06/24 00:50	1	13	14	1	9.9	78	2.3	355	22
28/06/24 00:55	1	13	14	1	9.9	77	2.8	360	19
28/06/24 01:00	1	13	13	1	9.9	77	1.7	355	26
28/06/24 01:05					9.9	77	2.0	2	20
28/06/24 01:10					9.9	77	2.4	2	17
28/06/24 01:15					9.9	77	2.1	354	22
28/06/24 01:20					10.0	77	1.4	350	36
28/06/24 01:25					9.9	76	2.0	358	25
28/06/24 01:30					9.9	76	1.8	347	35
28/06/24 01:35					10.1	77	2.0	332	29
28/06/24 01:40					10.1	77	2.0	319	31
28/06/24 01:45					10.0	77	1.8	331	29
28/06/24 01:50					9.8	78	1.4	332	33
28/06/24 01:55					9.7	79	1.6	356	33
28/06/24 02:00					9.6	80	1.4	340	33
28/06/24 02:05	1	11	12	1	9.6	80	1.8	360	26
28/06/24 02:10	1	10	11	1	9.5	80	2.0	1	31
28/06/24 02:15	1	10	10	1	9.5	80	2.5	2	16
28/06/24 02:20	0	9	10	1	9.6	80	2.3	6	22
28/06/24 02:25	0	9	9	1	9.6	80	2.6	3	26
28/06/24 02:30	0	8	8	1	9.7	80	2.3	12	31
28/06/24 02:35	0	8	8	1	9.8	80	2.9	5	21
28/06/24 02:40	0	7	8	1	9.9	80	2.6	1	22
28/06/24 02:45	0	7	7	2	9.9	80	2.6	2	21
28/06/24 02:50	0	7	7	2	10.0	80	2.4	10	23
28/06/24 02:55	0	7	7	1	10.1	80	2.5	359	23
28/06/24 03:00	0	7	7	1	10.1	80	2.6	9	17
28/06/24 03:05	0	7	7	1	10.1	80	2.2	4	24
28/06/24 03:10	0	7	7	1	10.1	81	2.6	4	17
28/06/24 03:15	0	7	7	1	10.0	81	2.6	358	17
28/06/24 03:20	0	7	7	1	10.1	82	1.7	360	27
28/06/24 03:25	0	8	8	2	10.0	82	1.7	359	29
28/06/24 03:30	0	8	8	2	10.1	82	2.1	357	31
28/06/24 03:35	0	9	9	2	10.1	82	2.5	359	25
28/06/24 03:40	0	9	10	2	10.1	83	2.3	5	20
28/06/24 03:45	0	10	10	2	10.1	83	2.4	2	25
28/06/24 03:50	0	9	10	1	10.2	83	2.8	5	24
28/06/24 03:55	0	9	9	1	10.1	84	2.3	5	21
28/06/24 04:00	0	9	9	1	10.1	84	3.1	8	21
28/06/24 04:05	0	9	9	1	10.2	84	3.2	8	18
28/06/24 04:10	0	9	9	1	10.2	84	3.2	8	19

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/06/24 04:15	0	8	8	1	10.2	83	1.9	358	31
28/06/24 04:20	0	8	8	1	10.2	83	2.2	352	25
28/06/24 04:25	0	8	8	1	10.3	83	2.1	349	37
28/06/24 04:30	0	8	8	1	10.3	83	2.2	3	27
28/06/24 04:35	0	8	9	1	10.4	83	2.2	2	26
28/06/24 04:40	0	8	9	1	10.3	83	2.2	7	23
28/06/24 04:45	0	8	9	1	10.5	82	2.5	6	19
28/06/24 04:50	0	9	9	1	10.6	82	2.3	4	28
28/06/24 04:55	0	9	9	1	10.6	81	2.5	7	25
28/06/24 05:00	0	9	10	1	10.7	81	2.9	4	19
28/06/24 05:05	0	10	10	1	10.8	80	2.7	8	27
28/06/24 05:10	0	10	11	1	10.9	80	2.5	356	28
28/06/24 05:15	1	11	11	1	11.0	80	2.0	11	27
28/06/24 05:20	1	11	12	1	11.0	79	2.3	4	26
28/06/24 05:25	1	11	12	1	11.0	79	2.3	354	32
28/06/24 05:30	1	12	13	1	11.1	79	1.9	358	27
28/06/24 05:35	1	14	15	1	11.2	78	2.6	11	23
28/06/24 05:40	2	14	16	1	11.2	78	3.0	6	24
28/06/24 05:45	2	15	17	1	11.3	78	2.8	355	27
28/06/24 05:50	2	15	17	1	11.4	78	3.0	1	26
28/06/24 05:55	2	16	18	1	11.3	78	3.6	3	20
28/06/24 06:00	2	16	18	1	11.3	78	3.0	10	20
28/06/24 06:05	2	14	16	1	11.3	78	2.9	7	28
28/06/24 06:10	2	12	13	1	11.1	78	2.8	12	21
28/06/24 06:15	1	11	13	1	11.1	78	3.6	8	17
28/06/24 06:20	1	12	13	1	11.1	78	2.9	9	22
28/06/24 06:25	1	13	15	1	11.0	78	2.7	5	23
28/06/24 06:30	2	16	18	1	11.1	78	3.3	4	21
28/06/24 06:35	2	18	20	1	11.2	78	2.9	8	18
28/06/24 06:40	3	22	25	1	11.3	77	3.6	5	18
28/06/24 06:45	5	26	31	1	11.3	77	2.2	359	32
28/06/24 06:50	6	25	31	1	11.5	76	3.0	356	21
28/06/24 06:55	6	23	29	1	11.6	76	2.5	351	29
28/06/24 07:00	6	22	28	1	11.7	75	2.4	353	34
28/06/24 07:05	6	21	27	1	11.8	75	2.9	357	24
28/06/24 07:10	6	22	28	1	11.9	75	2.9	5	25
28/06/24 07:15	6	22	28	1	12.0	75	2.7	2	23
28/06/24 07:20	7	22	29	1	11.9	75	3.3	358	24
28/06/24 07:25	6	22	29	1	11.9	75	2.7	8	22
28/06/24 07:30	7	22	29	1	11.8	76	2.4	7	24
28/06/24 07:35	7	22	29	1	11.9	75	3.3	10	16
28/06/24 07:40	7	22	29	1	12.0	75	3.0	3	19
28/06/24 07:45	7	22	29	1	11.9	74	2.8	357	21
28/06/24 07:50	6	21	27	1	12.1	74	2.9	2	21
28/06/24 07:55	5	21	26	1	12.1	73	3.0	10	19
28/06/24 08:00	5	20	25	2	12.2	73	3.1	7	20
28/06/24 08:05	5	20	25	2	12.1	73	2.8	356	19
28/06/24 08:10	6	21	27	2	12.2	72	2.7	3	25
28/06/24 08:15	7	22	29	1	12.3	72	2.8	354	28
28/06/24 08:20	7	21	28	2	12.4	72	3.0	333	31
28/06/24 08:25	8	22	30	1	12.5	72	2.3	343	40
28/06/24 08:30	9	21	30	2	12.7	71	2.2	344	31
28/06/24 08:35	10	21	31	2	12.7	71	2.8	347	33
28/06/24 08:40	10	20	31	2	12.7	72	2.4	357	31
28/06/24 08:45	11	20	31	2	12.6	72	2.7	357	28
28/06/24 08:50	11	20	31	2	12.5	72	2.7	358	27
28/06/24 08:55	12	19	31	2	12.6	72	3.2	7	19
28/06/24 09:00	12	19	31	2	12.8	71	2.9	2	22
28/06/24 09:05	13	19	31	2	12.9	71	3.0	1	27
28/06/24 09:10	12	18	30	2	13.1	70	4.2	7	20
28/06/24 09:15	12	18	29	2	13.1	70	3.7	6	19
28/06/24 09:20	12	17	29	2	13.2	69	3.2	0	24
28/06/24 09:25	11	17	28	2	13.3	69	2.7	356	30
28/06/24 09:30	12	16	28	2	13.4	69	2.5	349	39
28/06/24 09:35	12	16	29	2	13.4	68	2.6	353	30
28/06/24 09:40	13	17	29	2	13.5	68	3.4	359	28
28/06/24 09:45	13	16	29	2	13.7	67	3.0	359	31
28/06/24 09:50	12	16	28	2	13.8	67	3.1	1	32
28/06/24 09:55	12	15	27	2	13.9	67	3.8	349	28
28/06/24 10:00	10	14	24	2	13.9	67	5.1	0	21
28/06/24 10:05	9	10	19	2	13.9	67	4.2	351	30
28/06/24 10:10	8	9	16	2	14.0	66	4.1	359	26
28/06/24 10:15	7	9	15	2	14.1	66	5.3	0	23
28/06/24 10:20	6	9	15	2	14.1	66	3.9	10	24
28/06/24 10:25	6	9	15	2	14.2	66	5.5	13	17
28/06/24 10:30	6	9	15	2	14.2	66	4.8	8	25
28/06/24 10:35	6	10	16	2	14.3	66	3.6	3	24
28/06/24 10:40	6	10	16	2	14.6	65	3.7	6	25
28/06/24 10:45	7	10	17	2	14.7	65	3.7	7	23
28/06/24 10:50	7	10	17	2	14.8	65	3.1	358	25
28/06/24 10:55	8	10	18	2	14.9	64	3.9	13	19
28/06/24 11:00	7	10	18	2	15.0	64	3.8	3	24
28/06/24 11:05	7	10	18	2	15.2	63	4.2	13	15
28/06/24 11:10	7	10	17	2	15.2	63	3.7	12	19
28/06/24 11:15	6	9	16	2	15.1	63	3.6	19	25
28/06/24 11:20	6	9	15	2	15.1	63	4.7	5	16

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/06/24 11:25	6	9	15	2	15.1	62	3.9	8	22
28/06/24 11:30	5	9	14	2	15.4	61	3.1	351	33
28/06/24 11:35	5	9	14	2	15.6	60	3.3	3	27
28/06/24 11:40	5	9	13	2	15.6	59	4.4	13	26
28/06/24 11:45	5	8	13	2	15.6	60	3.5	345	30
28/06/24 11:50	5	8	13	2	15.5	60	3.4	351	29
28/06/24 11:55	5	8	13	2	15.5	60	3.7	5	23
28/06/24 12:00	5	8	13	2	15.6	60	3.3	352	34
28/06/24 12:05	5	8	13	2	15.7	59	2.5	360	31
28/06/24 12:10	5	8	13	2	15.8	59	3.7	356	27
28/06/24 12:15	5	8	13	2	15.9	58	4.0	1	21
28/06/24 12:20	5	8	13	2	16.0	58	2.6	356	35
28/06/24 12:25	5	8	13	1	16.0	58	3.1	333	34
28/06/24 12:30	5	8	13	1	16.1	58	2.5	344	32
28/06/24 12:35	5	8	14	2	16.3	57	3.6	353	29
28/06/24 12:40	5	8	13	1	16.3	57	3.5	12	25
28/06/24 12:45	5	8	13	2	16.3	57	3.6	14	24
28/06/24 12:50	5	8	12	1	16.3	57	3.9	16	28
28/06/24 12:55	4	7	12	1	16.4	56	4.7	6	21
28/06/24 13:00	4	7	11	2	16.4	55	4.9	11	19
28/06/24 13:05	4	7	11	1	16.5	55	3.9	5	23
28/06/24 13:10	5	7	12	2	16.6	54	4.1	7	26
28/06/24 13:15	5	7	12	2	16.7	54	4.9	12	16
28/06/24 13:20	5	8	12	2	16.7	54	4.0	356	27
28/06/24 13:25	5	8	13	2	16.7	54	4.6	4	22
28/06/24 13:30	5	8	13	2	16.8	53	3.7	8	21
28/06/24 13:35	5	8	13	2	16.9	53	4.8	357	17
28/06/24 13:40	4	7	12	2	16.8	53	5.2	9	17
28/06/24 13:45	4	7	11	2	16.9	53	4.3	9	28
28/06/24 13:50	4	7	11	2	17.0	53	3.5	10	26
28/06/24 13:55	4	7	11	2	17.1	53	3.6	21	24
28/06/24 14:00	4	7	11	1	17.3	52	4.2	8	23
28/06/24 14:05	4	7	11	1	17.3	52	4.2	359	23
28/06/24 14:10	4	7	11	1	17.3	52	3.9	3	30
28/06/24 14:15	4	7	11	1	17.3	51	4.5	17	19
28/06/24 14:20	4	7	11	1	17.3	53	4.0	9	26
28/06/24 14:25	4	7	11	1	17.2	53	5.2	13	26
28/06/24 14:30	4	7	10	1	17.2	53	4.4	11	24
28/06/24 14:35	4	7	11	1	17.1	53	4.2	15	22
28/06/24 14:40	4	7	11	2	17.3	53	2.9	359	28
28/06/24 14:45	4	8	12	1	17.2	52	4.4	9	27
28/06/24 14:50	4	8	12	1	17.2	52	4.5	9	17
28/06/24 14:55	4	9	13	1	17.1	53	4.5	9	22
28/06/24 15:00	4	9	13	2	17.0	54	4.4	13	19
28/06/24 15:05	4	9	13	2	16.7	54	3.8	10	22
28/06/24 15:10	4	9	13	2	16.6	55	3.9	13	22
28/06/24 15:15	4	9	13	2	16.7	55	3.7	8	27
28/06/24 15:20	4	10	13	2	16.6	56	4.3	15	20
28/06/24 15:25	4	10	13	2	16.5	56	4.0	11	31
28/06/24 15:30	3	10	13	2	16.4	56	4.7	15	17
28/06/24 15:35	3	10	13	1	16.4	56	4.0	12	18
28/06/24 15:40	3	10	13	1	16.4	56	4.3	12	20
28/06/24 15:45	3	10	13	1	16.5	55	4.1	13	22
28/06/24 15:50	3	10	13	1	16.7	55	4.2	10	23
28/06/24 15:55	3	10	13	1	16.7	55	3.8	19	23
28/06/24 16:00	3	10	13	1	16.5	55	4.2	13	21
28/06/24 16:05	3	10	13	1	16.6	55	4.5	9	20
28/06/24 16:10	2	10	13	1	16.5	54	3.8	7	21
28/06/24 16:15	2	10	13	1	16.5	54	4.1	15	23
28/06/24 16:20	2	10	13	1	16.4	53	4.6	9	24
28/06/24 16:25	2	10	12	1	16.4	54	3.9	8	26
28/06/24 16:30	2	10	12	1	16.3	54	3.6	14	23
28/06/24 16:35	2	10	11	1	16.2	54	3.7	12	25
28/06/24 16:40	2	9	11	1	16.3	53	5.2	9	18
28/06/24 16:45	1	9	11	1	16.2	53	4.8	12	23
28/06/24 16:50	1	9	10	1	16.3	52	4.5	13	18
28/06/24 16:55	1	9	10	1	16.3	52	3.9	10	21
28/06/24 17:00	1	9	10	1	16.3	52	3.3	18	22
28/06/24 17:05	1	9	10	1	16.2	52	3.8	16	25
28/06/24 17:10	1	9	10	1	16.3	51	3.3	14	20
28/06/24 17:15	1	9	11	1	16.3	51	3.4	16	24
28/06/24 17:20	2	10	11	1	16.2	51	3.6	15	23
28/06/24 17:25	1	10	11	1	16.2	51	3.5	12	27
28/06/24 17:30	1	9	11	1	16.2	51	3.7	19	23
28/06/24 17:35	1	10	11	1	16.2	51	3.1	13	24
28/06/24 17:40	1	10	11	1	16.2	50	3.2	23	22
28/06/24 17:45	1	10	11	1	16.3	50	3.3	9	25
28/06/24 17:50	1	10	10	1	16.2	50	3.7	11	24
28/06/24 17:55	1	9	10	1	16.1	50	3.2	15	28
28/06/24 18:00	1	9	10	1	16.1	50	3.3	15	21
28/06/24 18:05	1	9	10	1	16.1	50	3.6	6	28
28/06/24 18:10	1	9	10	1	16.0	49	4.3	12	20
28/06/24 18:15	1	9	10	1	16.1	49	3.0	13	23
28/06/24 18:20	0	9	10	1	16.1	49	3.3	13	22
28/06/24 18:25	0	9	9	1	16.1	48	3.0	8	22
28/06/24 18:30	0	9	10	1	16.0	48	3.1	8	25

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/06/24 18:35	0	10	10	1	16.0	48	2.5	11	23
28/06/24 18:40	0	10	10	1	16.1	48	4.0	11	18
28/06/24 18:45	0	10	10	1	16.1	47	4.1	9	19
28/06/24 18:50	0	10	10	1	16.2	47	5.2	3	23
28/06/24 18:55	0	10	10	1	16.2	47	4.0	2	22
28/06/24 19:00	0	10	10	1	16.1	47	3.8	15	21
28/06/24 19:05	0	10	10	1	16.2	48	3.1	14	20
28/06/24 19:10	0	10	10	1	16.1	47	4.0	12	25
28/06/24 19:15	0	10	10	1	16.2	47	4.3	13	18
28/06/24 19:20	1	9	10	1	16.3	47	5.5	5	19
28/06/24 19:25	0	9	9	1	16.4	47	5.8	6	18
28/06/24 19:30	0	8	8	1	16.4	47	4.2	4	24
28/06/24 19:35	0	8	8	1	16.3	47	4.1	13	22
28/06/24 19:40	0	7	7	1	16.4	47	4.6	10	23
28/06/24 19:45	0	7	7	1	16.3	47	4.6	9	26
28/06/24 19:50	0	6	6	1	16.3	47	4.5	16	23
28/06/24 19:55	0	6	6	1	16.2	47	3.8	10	24
28/06/24 20:00	0	6	6	1	16.2	47	4.5	11	23
28/06/24 20:05	0	6	6	1	16.2	47	4.6	9	18
28/06/24 20:10	0	6	6	1	16.2	47	4.4	9	18
28/06/24 20:15	0	6	6	1	16.1	47	3.8	3	26
28/06/24 20:20	0	6	6	1	16.3	47	3.8	7	23
28/06/24 20:25	0	7	7	1	16.2	47	3.7	360	23
28/06/24 20:30	1	8	8	1	16.3	47	3.6	5	28
28/06/24 20:35	1	9	10	1	16.3	46	4.0	2	21
28/06/24 20:40	0	9	10	1	16.3	46	4.4	10	17
28/06/24 20:45	0	9	9	1	16.2	47	4.4	3	23
28/06/24 20:50	0	9	9	1	16.2	47	4.1	7	24
28/06/24 20:55	0	9	9	1	16.2	46	3.6	8	27
28/06/24 21:00	0	9	9	1	16.2	46	3.5	358	33
28/06/24 21:05	0	8	9	1	16.2	45	4.3	7	19
28/06/24 21:10	0	8	8	1	16.3	45	4.6	15	24
28/06/24 21:15	0	7	7	1	16.4	45	5.7	19	21
28/06/24 21:20	0	6	7	1	16.3	44	5.5	6	21
28/06/24 21:25	0	6	6	1	16.3	44	5.6	9	20
28/06/24 21:30	0	5	6	1	16.4	44	5.7	8	22
28/06/24 21:35	0	5	5	1	16.4	43	4.9	13	22
28/06/24 21:40	0	5	5	1	16.4	43	3.7	17	24
28/06/24 21:45	0	5	5	1	16.2	44	3.6	8	23
28/06/24 21:50	1	5	5	1	16.2	44	5.2	11	20
28/06/24 21:55	1	4	5	1	16.2	45	4.6	10	26
28/06/24 22:00	1	4	5	1	16.2	45	5.7	5	23
28/06/24 22:05	1	4	4	1	16.1	45	5.8	6	21
28/06/24 22:10	0	4	4	1	16.1	45	5.5	14	24
28/06/24 22:15	0	4	4	1	16.1	45	5.4	13	21
28/06/24 22:20	0	4	4	1	16.0	45	5.9	5	19
28/06/24 22:25	0	4	4	1	16.0	45	5.0	8	26
28/06/24 22:30	0	4	4	1	16.0	45	4.4	11	19
28/06/24 22:35	0	4	4	1	16.0	45	4.2	15	27
28/06/24 22:40	0	4	4	1	16.0	45	5.3	359	23
28/06/24 22:45	0	4	4	1	16.0	45	5.3	5	20
28/06/24 22:50	0	4	4	1	16.0	45	5.0	0	25
28/06/24 22:55	0	4	5	1	15.9	45	4.3	355	30
28/06/24 23:00	0	5	5	1	15.9	46	3.1	343	38
28/06/24 23:05	0	5	5	1	15.8	45	4.1	353	27
28/06/24 23:10	1	5	6	1	15.8	45	5.3	358	24
28/06/24 23:15	0	5	6	1	15.9	45	4.8	358	22
28/06/24 23:20	0	5	6	1	15.9	45	4.2	2	30
28/06/24 23:25	0	5	6	1	15.9	45	4.2	354	28
28/06/24 23:30	0	6	6	1	15.8	45	3.9	358	30
28/06/24 23:35	0	5	6	1	15.9	45	4.3	354	26
28/06/24 23:40	0	5	6	1	16.0	45	5.5	357	24
28/06/24 23:45	0	5	6	1	15.9	44	4.9	4	23
28/06/24 23:50	0	5	6		15.9	44	5.3	0	22
28/06/24 23:55	0	5	5		15.9	45	4.2	3	26
29/06/24 00:00	0	5	5	1	15.8	45	4.3	360	28
29/06/24 00:05	0	5	5	1	15.8	45	5.1	1	25
29/06/24 00:10	0	5	5	1	15.8	45	5.0	4	20
29/06/24 00:15	0	4	5	1	15.8	45	4.6	0	28
29/06/24 00:20	0	4	5	1	15.8	45	5.0	5	22
29/06/24 00:25	0	4	4	1	15.7	45	5.1	358	23
29/06/24 00:30	0	4	4	1	15.7	46	4.3	10	25
29/06/24 00:35	0	4	4	1	15.6	46	5.1	13	22
29/06/24 00:40	0	4	4	1	15.5	46	5.4	4	25
29/06/24 00:45	0	4	4	1	15.4	46	5.8	6	20
29/06/24 00:50	0	4	4	1	15.4	46	6.6	11	17
29/06/24 00:55	0	4	4	1	15.4	46	5.3	5	29
29/06/24 01:00	0	3	3	1	15.4	46	4.4	360	31
29/06/24 01:05					15.3	47	3.2	7	23
29/06/24 01:10					15.3	47	2.9	353	34
29/06/24 01:15					15.1	47	3.7	349	30
29/06/24 01:20					15.2	47	2.8	347	35
29/06/24 01:25					15.2	46	4.4	348	26
29/06/24 01:30					15.3	46	3.3	352	31
29/06/24 01:35					15.2	46	3.0	357	29
29/06/24 01:40					15.2	46	2.8	348	31

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/06/24 01:45					15.2	46	3.2	329	34
29/06/24 01:50					15.2	46	2.7	343	32
29/06/24 01:55					15.2	46	4.4	338	27
29/06/24 02:00					15.3	46	4.2	339	30
29/06/24 02:05	1	5	6	1	15.2	46	3.5	333	32
29/06/24 02:10	1	5	6	1	15.2	46	3.7	342	27
29/06/24 02:15	0	5	6	1	15.2	46	3.0	329	31
29/06/24 02:20	0	6	6	1	15.2	45	2.2	351	38
29/06/24 02:25	0	6	7	1	15.2	45	3.0	349	34
29/06/24 02:30	0	6	7	1	15.3	45	3.1	349	37
29/06/24 02:35	0	6	7	1	15.2	46	2.4	343	37
29/06/24 02:40	0	6	6	1	15.2	46	4.1	355	23
29/06/24 02:45	0	5	5	1	15.2	46	3.4	349	33
29/06/24 02:50	0	5	5	1	15.2	46	3.1	350	32
29/06/24 02:55	0	5	5	1	15.1	47	2.5	350	37
29/06/24 03:00	0	6	6	1	15.1	46	3.2	341	34
29/06/24 03:05	0	6	7	1	15.2	46	2.6	325	36
29/06/24 03:10	1	7	7	1	15.2	46	2.9	342	27
29/06/24 03:15	1	7	8	1	15.2	46	2.9	332	29
29/06/24 03:20	1	7	8	1	15.1	46	3.6	335	31
29/06/24 03:25	1	7	8	1	15.1	46	3.7	356	31
29/06/24 03:30	1	7	8	1	15.1	47	4.2	347	33
29/06/24 03:35	1	7	7	1	15.0	47	3.3	345	35
29/06/24 03:40	1	7	7	1	14.9	47	3.1	339	36
29/06/24 03:45	1	6	7	1	15.0	47	4.1	351	31
29/06/24 03:50	1	6	7	1	14.9	47	3.5	349	34
29/06/24 03:55	1	6	7	1	14.8	48	2.6	341	41
29/06/24 04:00	1	6	7	1	14.8	48	4.7	1	31
29/06/24 04:05	0	5	6	1	14.8	48	4.8	357	28
29/06/24 04:10	0	5	6	1	14.7	48	2.7	347	42
29/06/24 04:15	0	5	6	1	14.6	49	3.4	339	31
29/06/24 04:20	0	6	6	1	14.6	49	2.8	332	30
29/06/24 04:25	1	6	7	1	14.5	50	2.6	327	33
29/06/24 04:30	1	6	7	1	14.5	50	3.1	338	27
29/06/24 04:35	1	7	7	1	14.4	50	3.9	348	29
29/06/24 04:40	1	7	8	1	14.4	51	3.2	354	30
29/06/24 04:45	1	7	8	1	14.3	51	3.1	347	30
29/06/24 04:50	1	7	8	1	14.3	51	3.6	350	37
29/06/24 04:55	1	7	7	1	14.2	51	3.1	356	33
29/06/24 05:00	1	6	7	1	14.2	51	4.8	5	23
29/06/24 05:05	0	6	7	1	14.1	51	4.7	360	20
29/06/24 05:10	0	6	6	1	14.2	51	3.7	353	30
29/06/24 05:15	0	5	5	1	14.2	51	4.5	4	28
29/06/24 05:20	0	5	5	1	14.1	51	3.9	5	21
29/06/24 05:25	0	5	5	1	14.1	51	5.0	8	21
29/06/24 05:30	0	5	5	1	14.2	51	4.3	2	21
29/06/24 05:35	0	5	5	1	14.2	51	4.6	7	21
29/06/24 05:40	0	4	5	1	14.2	51	4.4	13	22
29/06/24 05:45	0	4	4	1	14.1	51	4.1	12	19
29/06/24 05:50	0	4	4	1	14.1	51	5.6	12	22
29/06/24 05:55	0	4	4	1	14.1	51	5.1	9	17
29/06/24 06:00	0	4	4	1	14.1	51	3.8	16	19
29/06/24 06:05	0	4	4	1	14.0	52	4.4	5	21
29/06/24 06:10	0	4	4	1	14.0	51	5.0	8	20
29/06/24 06:15	0	4	4	1	14.0	51	5.1	7	18
29/06/24 06:20	0	4	4	1	13.9	51	4.9	10	24
29/06/24 06:25	0	4	4	1	13.9	52	3.9	2	26
29/06/24 06:30	0	4	4	1	13.9	51	5.3	4	20
29/06/24 06:35	0	4	4	1	13.9	52	4.6	14	22
29/06/24 06:40	0	4	4	1	13.8	52	4.5	13	23
29/06/24 06:45	0	4	4	1	13.8	52	3.3	12	24
29/06/24 06:50	0	4	4	1	13.7	52	3.9	12	27
29/06/24 06:55	0	4	4	1	13.7	52	4.4	5	18
29/06/24 07:00	0	4	5	1	13.8	52	4.2	12	19
29/06/24 07:05	0	4	5	1	13.7	52	3.7	21	25
29/06/24 07:10	0	4	5	1	13.7	52	5.2	8	15
29/06/24 07:15	0	4	5	1	13.7	52	4.8	8	16
29/06/24 07:20	0	4	5	1	13.7	52	5.5	6	18
29/06/24 07:25	0	5	5	1	13.7	51	5.1	7	22
29/06/24 07:30	0	5	5	1	13.7	52	4.7	359	20
29/06/24 07:35	0	5	5	1	13.7	52	4.8	8	20
29/06/24 07:40	0	5	5	1	13.7	52	4.2	6	24
29/06/24 07:45	0	5	5	1	13.6	52	3.3	0	31
29/06/24 07:50	0	6	6	1	13.6	53	4.0	354	25
29/06/24 07:55	0	6	7	1	13.6	53	3.2	357	29
29/06/24 08:00	1	8	8	1	13.6	53	3.7	3	21
29/06/24 08:05	1	8	9	1	13.6	53	2.8	351	32
29/06/24 08:10	1	9	10	1	13.5	53	3.3	359	25
29/06/24 08:15	1	10	11	1	13.6	52	3.5	358	23
29/06/24 08:20	1	10	11	1	13.6	52	3.3	359	27
29/06/24 08:25	1	10	12	1	13.6	52	3.2	7	24
29/06/24 08:30	2	11	12	1	13.7	52	3.1	349	29
29/06/24 08:35	2	12	13	1	13.6	53	2.7	353	32
29/06/24 08:40	2	12	14	1	13.7	53	2.6	354	30
29/06/24 08:45	2	12	14	1	13.6	53	2.6	5	23
29/06/24 08:50	2	13	15	1	13.6	53	2.7	1	24

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/06/24 08:55	2	12	14	1	13.6	53	3.0	2	23
29/06/24 09:00	2	12	14	1	13.5	53	2.8	12	23
29/06/24 09:05	2	12	14	1	13.6	53	2.8	8	25
29/06/24 09:10	2	12	14	1	13.5	53	3.3	3	21
29/06/24 09:15	2	12	13	1	13.5	54	1.3	337	50
29/06/24 09:20	2	12	13	1	13.6	54	3.4	8	19
29/06/24 09:25	2	11	13	1	13.5	54	3.2	5	22
29/06/24 09:30	2	12	14	1	13.5	54	2.8	11	28
29/06/24 09:35	2	11	13	1	13.5	56	2.8	9	25
29/06/24 09:40	2	10	12	1	13.3	57	2.8	7	27
29/06/24 09:45	2	10	11	1	13.1	60	2.9	7	22
29/06/24 09:50	2	10	12	1	13.0	62	2.3	357	31
29/06/24 09:55	2	11	13	1	12.8	63	2.9	358	24
29/06/24 10:00	2	11	14	1	12.8	64	2.7	353	28
29/06/24 10:05	3	12	15	1	12.7	65	1.6	346	33
29/06/24 10:10	4	13	16	1	12.5	66	2.0	320	31
29/06/24 10:15	5	14	18	1	12.5	68	2.3	310	22
29/06/24 10:20	4	13	18	1	12.2	69	1.8	320	24
29/06/24 10:25	4	14	18	1	12.1	71	1.3	324	30
29/06/24 10:30	5	15	19	1	12.0	73	1.1	328	43
29/06/24 10:35	5	15	20	1	12.0	73	2.1	338	26
29/06/24 10:40	5	15	19	1	11.9	74	1.4	314	30
29/06/24 10:45	5	14	19	1	11.9	74	1.2	339	46
29/06/24 10:50	5	14	19	1	12.0	74	1.6	338	33
29/06/24 10:55	6	15	21	1	11.9	75	1.4	348	33
29/06/24 11:00	9	20	30	1	11.9	76	0.9	343	46
29/06/24 11:05	23	20	43	1	12.0	77	1.2	333	35
29/06/24 11:10	23	19	42	1	11.9	77	1.2	349	33
29/06/24 11:15	21	20	40	1	11.9	78	1.7	330	29
29/06/24 11:20	19	20	39	1	11.8	79	1.2	347	28
29/06/24 11:25	18	20	38	1	11.7	80	1.1	352	31
29/06/24 11:30	17	20	36	1	11.7	81	1.4	358	23
29/06/24 11:35	16	20	36	1	11.6	82	1.9	360	18
29/06/24 11:40	16	19	35	1	11.5	84	1.6	5	27
29/06/24 11:45	15	19	34	1	11.5	84	2.0	6	21
29/06/24 11:50	13	17	30	1	11.5	84	2.2	5	19
29/06/24 11:55	12	12	24	1	11.5	84	1.4	353	33
29/06/24 12:00	11	14	25	1	11.5	85	1.7	356	25
29/06/24 12:05	11	16	27	1	11.4	86	1.3	342	35
29/06/24 12:10	12	18	29	1	11.5	87	2.0	8	18
29/06/24 12:15	13	20	33	1	11.4	87	1.5	356	27
29/06/24 12:20	14	22	36	1	11.4	87	1.6	354	31
29/06/24 12:25	17	21	38	1	11.3	88	1.3	354	39
29/06/24 12:30	20	20	40	1	11.2	88	1.2	304	29
29/06/24 12:35	17	21	38	1	11.3	87	1.6	330	24
29/06/24 12:40	9	15	24	1	11.2	86	2.5	329	18
29/06/24 12:45	6	14	20	1	11.2	86	1.4	328	29
29/06/24 12:50	6	13	19	1	11.2	87	1.2	322	32
29/06/24 12:55	5	13	18	1	11.2	87	2.0	297	21
29/06/24 13:00	5	12	17	1	11.1	87	2.3	303	19
29/06/24 13:05	5	13	18	1	11.1	87	2.2	306	15
29/06/24 13:10	6	14	21	1	11.1	89	2.0	295	15
29/06/24 13:15	7	14	21	1	11.1	90	1.9	289	17
29/06/24 13:20	5	11	16	1	11.0	91	2.5	278	13
29/06/24 13:25	3	12	15	1	10.9	92	3.0	275	12
29/06/24 13:30	3	12	15	1	10.9	92	2.4	289	12
29/06/24 13:35	3	12	15	1	10.9	92	2.0	289	15
29/06/24 13:40	3	12	15	1	11.0	92	2.3	284	13
29/06/24 13:45	4	14	19	1	10.9	93	1.6	293	15
29/06/24 13:50	5	16	21	1	10.9	93	1.6	312	15
29/06/24 13:55	5	15	20	1	11.0	92	1.9	320	22
29/06/24 14:00	5	14	19	1	10.9	90	1.5	303	26
29/06/24 14:05	4	13	17	1	11.0	88	1.6	296	25
29/06/24 14:10	4	13	16	1	11.2	85	1.6	308	23
29/06/24 14:15	3	12	15	1	11.3	82	1.1	296	29
29/06/24 14:20	3	12	14	1	11.4	82	1.7	313	16
29/06/24 14:25	2	12	14	1	11.5	81	2.0	312	10
29/06/24 14:30	2	12	14	1	11.5	81	2.0	298	13
29/06/24 14:35	2	12	14	1	11.5	81	1.6	296	16
29/06/24 14:40	2	13	15	1	11.5	82	1.5	313	15
29/06/24 14:45	2	13	15	1	11.5	82	1.3	315	16
29/06/24 14:50	2	13	15	1	11.4	83	1.7	309	14
29/06/24 14:55	2	13	15	1	11.5	82	2.2	311	11
29/06/24 15:00	2	13	15	1	11.5	82	2.4	311	14
29/06/24 15:05	2	14	16	1	11.5	83	1.2	338	22
29/06/24 15:10	3	22	25	1	11.4	84	1.6	328	19
29/06/24 15:15	4	30	34	1	11.4	84	1.3	326	21
29/06/24 15:20	7	29	36	1	11.4	86	1.6	350	27
29/06/24 15:25	10	27	36	1	11.4	86	1.7	354	23
29/06/24 15:30	10	26	37	1	11.3	87	2.7	9	16
29/06/24 15:35	10	26	36	1	11.2	87	2.1	356	14
29/06/24 15:40	7	27	34	1	11.1	87	1.7	357	24
29/06/24 15:45	4	24	29	1	11.1	87	1.7	358	27
29/06/24 15:50	4	21	25	1	11.1	86	1.6	347	32
29/06/24 15:55	3	21	24	1	11.1	86	1.5	327	22
29/06/24 16:00	4	22	26	1	11.2	84	1.4	316	25

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/06/24 16:05	4	24	28	1	11.3	84	1.0	326	25
29/06/24 16:10	5	26	31	1	11.4	84	1.0	337	30
29/06/24 16:15	5	26	31	1	11.3	84	1.1	319	21
29/06/24 16:20	5	23	28	1	11.4	83	1.5	337	24
29/06/24 16:25	4	21	25	1	11.4	84	1.5	2	23
29/06/24 16:30	4	21	25	1	11.4	84	1.1	344	29
29/06/24 16:35	4	21	25	1	11.3	84	1.4	356	22
29/06/24 16:40	4	23	27	1	11.4	84	1.6	352	23
29/06/24 16:45	4	24	29	1	11.3	84	1.7	356	23
29/06/24 16:50	5	25	30	1	11.3	85	1.9	351	23
29/06/24 16:55	4	24	28	1	11.2	84	1.5	355	28
29/06/24 17:00	4	23	27	1	11.2	84	1.5	346	22
29/06/24 17:05	3	22	25	1	11.2	84	1.4	343	25
29/06/24 17:10	3	23	26	1	11.1	85	1.0	349	30
29/06/24 17:15	5	29	34	2	11.2	85	1.1	329	23
29/06/24 17:20	7	34	41	2	11.2	85	1.2	334	25
29/06/24 17:25	14	32	46	1	11.2	85	1.3	328	19
29/06/24 17:30	19	31	50	1	11.2	85	1.2	334	27
29/06/24 17:35	18	31	49	1	11.2	85	1.5	346	19
29/06/24 17:40	15	33	48	1	11.2	85	1.3	335	26
29/06/24 17:45	12	33	45	1	11.1	85	1.5	352	19
29/06/24 17:50	14	33	47	1	11.2	86	1.1	340	32
29/06/24 17:55	19	31	50	1	11.2	86	1.1	325	22
29/06/24 18:00	21	31	51	1	11.1	86	1.3	316	19
29/06/24 18:05	20	31	51	1	11.2	86	1.3	329	14
29/06/24 18:10	17	31	47	1	11.2	85	1.2	328	17
29/06/24 18:15	10	29	39	2	11.2	85	1.6	319	19
29/06/24 18:20	6	24	30	2	11.3	84	1.9	311	8
29/06/24 18:25	4	25	28	2	11.3	84	1.8	310	9
29/06/24 18:30	3	24	27	2	11.3	84	1.7	314	13
29/06/24 18:35	2	24	26	2	11.3	83	1.5	304	10
29/06/24 18:40	2	23	25	2	11.4	84	0.9	318	18
29/06/24 18:45	2	23	25	2	11.4	83	1.2	305	14
29/06/24 18:50	2	23	25	2	11.4	83	1.0	299	21
29/06/24 18:55	2	23	25	1	11.5	84	0.9	290	16
29/06/24 19:00	2	24	26	1	11.5	84	1.2	292	14
29/06/24 19:05	2	24	26	1	11.5	83	1.9	268	12
29/06/24 19:10	4	25	28	1	11.5	82	3.2	247	7
29/06/24 19:15	4	20	23	2	11.7	79	4.3	242	9
29/06/24 19:20	3	11	13	2	11.8	79	3.8	241	5
29/06/24 19:25	2	4	6	2	11.9	79	4.1	236	6
29/06/24 19:30	1	5	6	2	11.7	80	5.9	237	7
29/06/24 19:35	1	5	5	1	11.4	86	5.7	230	4
29/06/24 19:40	1	3	4	2	11.2	88	4.7	228	3
29/06/24 19:45	1	2	3	1	11.2	88	4.2	231	4
29/06/24 19:50	0	2	2	1	11.2	87	4.2	239	5
29/06/24 19:55	0	2	2	1	11.3	86	7.3	224	13
29/06/24 20:00	0	2	2	1	10.8	91	8.1	228	5
29/06/24 20:05	0	2	2	1	10.6	94	7.8	229	4
29/06/24 20:10	0	2	2	1	10.7	93	6.2	233	5
29/06/24 20:15	0	1	1	1	10.8	92	6.0	241	7
29/06/24 20:20	0	2	2	1	10.7	92	5.8	245	5
29/06/24 20:25	0	7	8	1	10.5	93	4.7	246	7
29/06/24 20:30	1	22	23	1	10.5	93	4.2	250	8
29/06/24 20:35	2	20	22	1	10.3	92	4.1	258	7
29/06/24 20:40	3	27	30	1	10.4	92	4.7	258	6
29/06/24 20:45	3	21	24	1	10.4	91	4.4	248	7
29/06/24 20:50	4	19	23	1	10.4	91	4.4	246	8
29/06/24 20:55	3	12	15	1	10.4	90	4.4	243	6
29/06/24 21:00	2	8	10	1	10.4	89	4.4	243	8
29/06/24 21:05	2	8	10	1	10.5	89	4.2	242	6
29/06/24 21:10	1	7	8	1	10.5	90	4.6	246	7
29/06/24 21:15	2	14	16	1	10.4	90	4.5	247	7
29/06/24 21:20	2	12	14	2	10.3	91	4.0	240	6
29/06/24 21:25	1	7	8	2	10.3	91	4.3	243	6
29/06/24 21:30	1	7	8	1	10.3	91	4.4	246	7
29/06/24 21:35	1	7	8	1	10.3	91	3.5	244	7
29/06/24 21:40	1	6	6	1	10.3	90	3.4	244	7
29/06/24 21:45	0	7	7	1	10.4	90	3.4	258	6
29/06/24 21:50	1	15	16	1	10.5	89	3.6	262	7
29/06/24 21:55	2	20	22	1	10.4	89	3.4	264	9
29/06/24 22:00	2	13	15	1	10.4	89	3.3	269	4
29/06/24 22:05	2	15	16	1	10.4	89	3.5	264	5
29/06/24 22:10	2	18	20	1	10.4	89	2.8	263	11
29/06/24 22:15	2	14	15	1	10.4	90	2.2	272	13
29/06/24 22:20	1	11	12	1	10.3	90	3.0	275	10
29/06/24 22:25	1	11	12	1	10.2	90	3.1	270	9
29/06/24 22:30	1	12	13	1	10.3	89	3.5	263	9
29/06/24 22:35	1	13	15	1	10.3	88	3.8	264	6
29/06/24 22:40	2	15	17	1	10.3	87	3.8	262	6
29/06/24 22:45	2	16	18	1	10.4	86	4.0	261	8
29/06/24 22:50	2	18	21	1	10.3	86	4.0	262	8
29/06/24 22:55	3	18	21	1	10.3	86	4.0	265	6
29/06/24 23:00	3	16	19	1	10.3	87	3.2	269	10
29/06/24 23:05	2	12	14	1	10.3	86	2.4	275	12
29/06/24 23:10	2	9	11	1	10.1	87	3.3	266	6

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/06/24 23:15	2	12	13	1	10.1	87	3.9	264	8
29/06/24 23:20	2	19	21	1	10.1	87	3.8	259	8
29/06/24 23:25	3	21	23	1	10.2	85	4.4	251	7
29/06/24 23:30	3	17	20	2	10.2	84	4.4	249	7
29/06/24 23:35	3	17	20	2	10.1	84	4.7	247	7
29/06/24 23:40	3	16	19	2	10.1	83	3.8	253	9
29/06/24 23:45	3	13	16	2	10.1	84	4.9	245	8
29/06/24 23:50	2	7	9		10.0	84	5.9	240	6
29/06/24 23:55	2	11	13		10.0	84	4.4	249	7
30/06/24 00:00	3	18	21	2	10.0	85	4.2	253	9
30/06/24 00:05	3	19	23	2	9.9	85	4.5	251	9
30/06/24 00:10	4	22	26	2	10.0	84	5.6	245	7
30/06/24 00:15	4	15	19	2	9.9	83	5.6	248	10
30/06/24 00:20	5	23	28	2	10.0	83	5.6	252	9
30/06/24 00:25	5	14	20	2	9.9	83	5.8	251	8
30/06/24 00:30	4	14	18	2	9.9	83	5.7	251	9
30/06/24 00:35	3	14	17	2	9.9	83	6.0	248	8
30/06/24 00:40	4	15	19	2	10.0	83	5.3	243	8
30/06/24 00:45	3	12	16	2	9.9	83	5.2	244	6
30/06/24 00:50	3	14	17	2	9.9	83	4.5	250	10
30/06/24 00:55	4	19	23	2	10.0	82	4.7	245	7
30/06/24 01:00	4	21	25	2	10.0	81	4.7	243	8
30/06/24 01:05					10.1	82	4.2	236	7
30/06/24 01:10					10.1	81	4.0	236	5
30/06/24 01:15					10.0	82	4.6	234	6
30/06/24 01:20					10.1	82	6.0	241	6
30/06/24 01:25					10.1	81	6.8	242	6
30/06/24 01:30					9.9	84	7.3	237	7
30/06/24 01:35					9.8	87	6.6	228	4
30/06/24 01:40					9.8	87	5.0	232	4
30/06/24 01:45					9.8	87	4.9	238	7
30/06/24 01:50					9.7	85	5.0	244	5
30/06/24 01:55					9.8	84	4.5	243	9
30/06/24 02:00					9.7	85	4.8	237	7
30/06/24 02:05				2	9.7	86	5.7	240	6
30/06/24 02:10	1	1	3	2	9.7	86	5.4	240	6
30/06/24 02:15	0	3	3	2	9.6	85	4.5	243	8
30/06/24 02:20	1	7	8	2	9.6	86	4.2	246	10
30/06/24 02:25	3	22	24	2	9.7	85	4.2	242	8
30/06/24 02:30	3	15	19	2	9.7	84	4.5	239	6
30/06/24 02:35	2	4	6	2	9.7	84	5.4	243	7
30/06/24 02:40	2	11	13	2	9.5	85	5.0	251	7
30/06/24 02:45	2	14	16	2	9.6	85	5.5	251	8
30/06/24 02:50	3	13	16	1	9.5	84	5.6	247	9
30/06/24 02:55	3	14	17	1	9.4	83	5.7	248	8
30/06/24 03:00	3	12	15	2	9.3	83	6.0	245	8
30/06/24 03:05	3	12	15	2	9.2	84	5.1	251	9
30/06/24 03:10	3	14	17	2	9.1	84	4.8	250	7
30/06/24 03:15	3	18	21	2	9.0	84	4.9	252	6
30/06/24 03:20	4	16	20	2	9.0	84	4.8	249	7
30/06/24 03:25	4	18	22	2	8.9	84	4.4	246	9
30/06/24 03:30	5	17	22	2	9.0	83	5.2	242	7
30/06/24 03:35	5	13	17	2	9.0	83	5.5	243	8
30/06/24 03:40	4	6	9	2	9.0	83	5.9	244	8
30/06/24 03:45	3	7	10	2	8.9	83	6.0	244	8
30/06/24 03:50	5	20	25	2	8.9	84	5.0	247	8
30/06/24 03:55	4	11	15	2	9.2	86	5.7	232	6
30/06/24 04:00	1	1	2	2	9.7	86	5.6	225	6
30/06/24 04:05	1	1	2	2	10.1	84	6.2	232	5
30/06/24 04:10	1	2	3	2	9.9	82	6.3	235	6
30/06/24 04:15	1	4	5	1	9.7	84	5.5	238	6
30/06/24 04:20	2	22	24	1	9.5	84	5.7	244	6
30/06/24 04:25	26	24	50	2	9.3	83	5.2	238	7
30/06/24 04:30	0	2	2	2	9.3	83	5.5	241	5
30/06/24 04:35	0	2	2	2	9.3	83	5.2	242	6
30/06/24 04:40	0	2	2	2	9.1	83	4.7	250	7
30/06/24 04:45	0	3	3	2	8.9	84	4.6	250	7
30/06/24 04:50	0	3	4	2	8.8	84	4.9	246	8
30/06/24 04:55	0	3	3	2	8.8	84	5.0	247	7
30/06/24 05:00	0	3	4	1	8.8	84	4.9	253	7
30/06/24 05:05	0	4	4	1	8.8	85	4.7	250	8
30/06/24 05:10	0	4	4	1	8.8	85	4.3	249	10
30/06/24 05:15	0	5	5	2	8.9	85	4.9	251	9
30/06/24 05:20	0	5	5	2	8.8	83	5.5	248	7
30/06/24 05:25	0	6	7	2	8.7	83	5.6	245	7
30/06/24 05:30	1	14	15	2	8.7	83	5.8	247	7
30/06/24 05:35	2	14	15	2	8.9	84	5.7	240	9
30/06/24 05:40	1	5	6	2	9.2	85	5.9	229	7
30/06/24 05:45	1	1	2	2	9.5	85	5.5	219	5
30/06/24 05:50	1	2	3	2	9.8	84	6.3	221	7
30/06/24 05:55	1	10	11	2	10.0	83	7.2	220	7
30/06/24 06:00	6	25	31	2	9.9	85	6.1	229	7
30/06/24 06:05	44	25	69	2	9.5	86	5.6	236	5
30/06/24 06:10	16	13	29	2	9.1	86	6.6	237	6
30/06/24 06:15	0	2	3	2	9.0	87	5.8	241	7
30/06/24 06:20	0	2	2	2	8.9	88	4.6	241	6

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/06/24 06:25	0	2	2	2	9.1	89	5.2	240	6
30/06/24 06:30	0	3	3	1	9.0	88	5.0	245	7
30/06/24 06:35	0	5	5	1	8.9	88	4.4	246	7
30/06/24 06:40	0	7	7	1	8.8	87	4.3	247	6
30/06/24 06:45	1	20	21	1	8.7	86	4.5	247	7
30/06/24 06:50	2	18	20	1	8.6	86	6.3	244	7
30/06/24 06:55	2	6	7	1	8.5	86	5.8	247	7
30/06/24 07:00	1	6	8	2	8.5	87	4.9	253	7
30/06/24 07:05	1	7	8	2	8.7	89	5.4	238	13
30/06/24 07:10	1	5	5	2	9.2	90	6.3	233	5
30/06/24 07:15	1	3	4	2	9.0	88	5.6	246	7
30/06/24 07:20	1	5	6	2	8.7	87	5.3	251	7
30/06/24 07:25	1	13	14	2	8.4	87	5.2	255	5
30/06/24 07:30	1	14	15	1	8.3	86	5.5	253	6
30/06/24 07:35	1	14	15	1	8.2	86	5.1	253	6
30/06/24 07:40	1	13	14	1	8.2	86	4.2	252	6
30/06/24 07:45	1	12	14	1	8.0	86	3.4	245	8
30/06/24 07:50	1	12	14	2	8.2	85	3.7	250	7
30/06/24 07:55	1	13	14	1	8.1	85	3.6	254	9
30/06/24 08:00	1	12	14	1	8.1	86	3.7	243	8
30/06/24 08:05	1	12	13	1	8.1	87	3.1	249	9
30/06/24 08:10	1	12	13	1	8.2	87	4.1	253	10
30/06/24 08:15	1	12	13	1	8.2	87	4.2	254	6
30/06/24 08:20	2	13	14	1	8.2	87	4.7	250	8
30/06/24 08:25	2	12	13	1	8.2	88	4.8	250	9
30/06/24 08:30	2	12	14	1	8.2	87	4.6	252	6
30/06/24 08:35	2	12	14	1	8.3	86	4.7	248	9
30/06/24 08:40	2	11	13	2	8.3	86	5.0	245	7
30/06/24 08:45	2	11	12	2	8.4	86	4.9	249	7
30/06/24 08:50	2	10	12	2	8.6	85	5.0	245	8
30/06/24 08:55	1	9	10	2	8.7	86	4.6	247	6
30/06/24 09:00	1	9	10	2	8.6	86	5.1	243	7
30/06/24 09:05	1	8	9	2	8.5	85	5.1	243	8
30/06/24 09:10	1	7	9	2	8.5	86	4.9	248	6
30/06/24 09:15	1	7	8	2	8.6	86	4.3	249	8
30/06/24 09:20	1	7	8	2	8.7	86	3.9	237	8
30/06/24 09:25	1	6	7	2	9.0	87	4.2	231	6
30/06/24 09:30	0	5	6	2	9.1	87	4.1	230	6
30/06/24 09:35	1	4	5	2	9.3	87	5.5	234	5
30/06/24 09:40	1	4	5	2	9.3	85	6.0	235	5
30/06/24 09:45	1	3	4	2	9.4	87	6.2	229	6
30/06/24 09:50	1	3	4	2	9.6	90	6.2	223	7
30/06/24 09:55	0	3	3	2	9.7	89	4.5	205	7
30/06/24 10:00	0	2	3	2	9.8	88	5.8	232	7
30/06/24 10:05	1	3	4	2	9.4	88	5.9	243	7
30/06/24 10:10	1	3	4	2	9.4	88	4.9	237	10
30/06/24 10:15	0	3	4	1	9.9	86	4.9	226	8
30/06/24 10:20	0	3	3	1	10.5	83	6.1	224	7
30/06/24 10:25	0	2	3	1	10.6	85	6.5	215	3
30/06/24 10:30	0	2	3	1	10.5	84	6.2	225	8
30/06/24 10:35	0	2	2	1	10.6	84	6.3	209	12
30/06/24 10:40	0	2	2	2	10.7	84	3.6	163	25
30/06/24 10:45	0	2	2	2	10.8	79	6.2	144	12
30/06/24 10:50	0	1	2	2	10.8	76	4.6	147	18
30/06/24 10:55	0	1	1	1	11.0	79	3.2	184	18
30/06/24 11:00	0	1	1	2	11.1	79	6.4	199	7
30/06/24 11:05	0	1	1	2	11.2	76	4.4	189	9
30/06/24 11:10	0	1	1	2	11.4	75	3.7	181	18
30/06/24 11:15	0	1	1	2	11.5	77	3.7	168	23
30/06/24 11:20	0	1	1	2	11.5	75	3.2	177	16
30/06/24 11:25	0	1	1	2	11.6	74	2.9	184	14
30/06/24 11:30	0	1	1	1	11.7	73	3.7	188	11
30/06/24 11:35	0	1	1	1	11.8	71	4.4	190	11
30/06/24 11:40	0	1	1	1	11.9	70	4.0	192	12
30/06/24 11:45	0	2	2	1	12.0	71	3.4	191	12
30/06/24 11:50	0	2	2	2	12.1	73	3.4	190	12
30/06/24 11:55	0	2	2	2	12.2	70	4.5	192	9
30/06/24 12:00	0	2	3	2	12.0	74	6.3	199	6
30/06/24 12:05	0	2	3	2	11.5	66	4.2	190	10
30/06/24 12:10	0	2	2	2	11.7	68	4.2	194	7
30/06/24 12:15	0	2	2	1	11.7	70	3.5	195	8
30/06/24 12:20	0	2	3	1	12.0	73	3.1	194	9
30/06/24 12:25	0	2	3	1	12.4	73	2.3	194	11
30/06/24 12:30	0	2	3	1	12.4	72	3.5	197	7
30/06/24 12:35	0	2	2	1	12.0	76	4.0	200	5
30/06/24 12:40	0	2	2	2	11.9	75	3.4	197	8
30/06/24 12:45	0	2	3	2	11.8	74	5.9	192	8
30/06/24 12:50	1	2	3	2	11.6	72	6.2	193	7
30/06/24 12:55	0	1	2	2	11.5	70	4.9	190	11
30/06/24 13:00	0	1	1	2	11.8	67	5.6	188	10
30/06/24 13:05	0	1	1	2	12.1	65	5.8	194	8
30/06/24 13:10	0	1	1	1	12.3	67	5.1	191	11
30/06/24 13:15	0	1	1	1	12.5	67	5.3	190	9
30/06/24 13:20	0	1	1	1	12.6	68	5.2	195	9
30/06/24 13:25	0	1	1	1	12.5	69	4.5	196	9
30/06/24 13:30	0	1	1	2	12.6	64	5.9	195	7

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/06/24 13:35	0	1	1	1	12.6	62	5.6	195	9
30/06/24 13:40	0	1	1	2	12.7	62	5.6	192	5
30/06/24 13:45	0	1	1	1	12.6	65	6.3	197	7
30/06/24 13:50	0	1	1	1	12.6	70	5.3	194	10
30/06/24 13:55	0	1	1	1	12.5	72	6.6	198	7
30/06/24 14:00	0	1	1	2	12.2	70	6.4	196	7
30/06/24 14:05	0	1	1	2	12.2	71	6.4	200	6
30/06/24 14:10	0	1	1	2	11.9	73	5.8	200	5
30/06/24 14:15	0	1	1	2	11.9	72	5.8	197	7
30/06/24 14:20	0	1	1	2	12.0	70	4.5	194	11
30/06/24 14:25	0	1	1	2	12.4	69	5.2	196	10
30/06/24 14:30	0	1	1	2	12.2	71	7.3	200	8
30/06/24 14:35	0	1	1	2	11.4	80	9.1	212	5
30/06/24 14:40	0	1	1	1	11.1	84	6.1	199	7
30/06/24 14:45	0	1	1	1	11.1	82	4.6	191	10
30/06/24 14:50	0	1	1	2	11.2	73	4.7	195	8
30/06/24 14:55	1	3	4	1	11.4	74	3.8	195	9
30/06/24 15:00	1	5	5	1	11.5	73	4.6	195	8
30/06/24 15:05	1	1	2	1	11.7	74	5.3	193	10
30/06/24 15:10	1	1	1	1	12.0	73	4.9	185	12
30/06/24 15:15	1	1	2	1	11.7	74	4.6	187	12
30/06/24 15:20	1	3	3	1	11.5	80	3.8	186	13
30/06/24 15:25	0	1	1	1	11.3	82	4.0	179	15
30/06/24 15:30	0	1	1	1	11.5	80	3.6	173	18
30/06/24 15:35	0	1	1	1	11.3	78	3.4	180	18
30/06/24 15:40	0	1	1	1	11.4	78	3.6	187	14
30/06/24 15:45	0	1	1	1	11.5	78	3.0	185	16
30/06/24 15:50	0	1	1	1	12.0	74	3.8	189	11
30/06/24 15:55	0	1	1	1	12.2	73	2.9	185	16
30/06/24 16:00	0	1	1	1	12.1	73	2.5	179	17
30/06/24 16:05	0	1	1	1	11.7	75	2.2	175	21
30/06/24 16:10	0	1	1	1	11.5	76	2.5	177	15
30/06/24 16:15	0	1	1	1	11.4	76	2.7	175	16
30/06/24 16:20	0	1	1	1	11.3	77	2.5	178	17
30/06/24 16:25	0	1	1	1	11.4	78	2.5	183	16
30/06/24 16:30	0	1	1	1	11.5	76	4.1	193	11
30/06/24 16:35	0	1	1	1	11.3	75	5.4	196	7
30/06/24 16:40	0	1	1	1	11.2	80	4.7	195	8
30/06/24 16:45	0	1	1	1	10.9	82	3.1	189	11
30/06/24 16:50	0	1	1	1	10.8	82	3.2	189	11
30/06/24 16:55	0	1	1	1	10.9	82	2.7	187	14
30/06/24 17:00	0	1	1	1	10.8	82	2.5	189	12
30/06/24 17:05	0	1	1	1	10.8	81	2.7	187	13
30/06/24 17:10	0	1	1	1	10.7	80	2.5	190	11
30/06/24 17:15	0	1	1	1	10.8	81	2.4	192	12
30/06/24 17:20	0	1	1	1	10.8	80	2.9	191	9
30/06/24 17:25	0	1	1	1	10.8	79	3.6	197	7
30/06/24 17:30	0	1	1	1	10.9	81	5.2	199	6
30/06/24 17:35	0	1	1	2	10.7	84	5.6	204	5
30/06/24 17:40	0	1	1	2	10.5	86	4.3	215	4
30/06/24 17:45	0	1	1	2	10.4	86	3.9	219	3
30/06/24 17:50	0	1	1	2	10.5	87	3.7	220	4
30/06/24 17:55	0	1	1	1	10.4	87	3.6	220	5
30/06/24 18:00	0	1	1	1	10.6	86	3.4	216	5
30/06/24 18:05	0	1	1	1	10.7	84	3.6	221	5
30/06/24 18:10	0	1	1	1	10.8	84	4.0	217	6
30/06/24 18:15	0	1	1	1	10.8	83	4.3	224	5
30/06/24 18:20	0	1	1	1	10.9	82	4.3	221	6
30/06/24 18:25	0	1	1	1	10.9	82	4.3	220	4
30/06/24 18:30	0	2	2	1	10.9	83	5.7	221	4
30/06/24 18:35	0	1	2	1	10.9	83	5.4	217	5
30/06/24 18:40	0	1	1	1	10.7	83	4.1	207	7
30/06/24 18:45	0	1	1	1	10.6	84	4.7	202	5
30/06/24 18:50	0	1	1	1	10.7	82	4.1	195	8
30/06/24 18:55	0	1	1	1	10.8	82	4.1	196	7
30/06/24 19:00	0	1	1	1	10.8	81	3.7	191	9
30/06/24 19:05	0	1	1	1	10.9	79	3.8	192	8
30/06/24 19:10	0	1	1	1	11.0	80	5.5	199	6
30/06/24 19:15	0	1	1	1	11.1	72	4.1	191	9
30/06/24 19:20	0	1	1	1	11.0	74	3.4	195	11
30/06/24 19:25	0	1	1	1	11.1	78	4.4	205	4
30/06/24 19:30	0	1	1	1	11.2	79	4.5	207	6
30/06/24 19:35	0	1	1	1	11.2	79	3.8	191	12
30/06/24 19:40	0	1	1	1	11.4	75	4.7	187	9
30/06/24 19:45	0	1	1	1	11.4	72	4.4	189	11
30/06/24 19:50	0	1	1	1	11.4	70	4.0	189	12
30/06/24 19:55	0	1	1	1	11.6	71	4.3	190	10
30/06/24 20:00	0	1	1	1	11.5	70	3.5	188	14
30/06/24 20:05	0	1	1	1	11.6	70	3.7	186	15
30/06/24 20:10	0	1	1	1	11.5	74	3.1	174	21
30/06/24 20:15	0	1	1	1	11.2	76	4.9	187	14
30/06/24 20:20	0	1	1	1	10.8	74	3.9	176	18
30/06/24 20:25	0	1	1	1	10.8	73	2.8	173	21
30/06/24 20:30	0	1	1	1	10.9	75	2.7	181	15
30/06/24 20:35	0	1	1	1	10.9	76	2.2	179	17
30/06/24 20:40	0	1	1	1	10.9	76	2.7	188	13

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/06/24 20:45	0	1	1	1	10.9	76	3.5	187	13
30/06/24 20:50	0	1	1	1	11.2	73	3.6	184	13
30/06/24 20:55	0	1	1	1	11.3	67	4.7	187	11
30/06/24 21:00	0	2	2	2	11.4	67	4.7	176	24
30/06/24 21:05	0	2	2	2	11.3	72	4.9	128	16
30/06/24 21:10	0	2	2	2	11.0	74	3.4	126	15
30/06/24 21:15	0	2	2	2	10.9	76	3.3	147	22
30/06/24 21:20	0	2	2	2	10.4	78	3.5	139	11
30/06/24 21:25	0	2	2	2	10.3	78	3.3	133	17
30/06/24 21:30	0	2	2	1	10.4	78	1.9	157	32
30/06/24 21:35	0	2	2	1	10.6	79	2.7	170	19
30/06/24 21:40	0	2	2	1	10.6	76	3.2	186	15
30/06/24 21:45	0	1	1	1	10.8	75	3.3	187	14
30/06/24 21:50	0	1	1	1	10.9	73	3.4	182	12
30/06/24 21:55	0	1	1	1	10.9	73	3.7	187	11
30/06/24 22:00	0	1	1	1	11.0	72	3.4	183	16
30/06/24 22:05	0	1	1	1	11.0	77	3.0	168	30
30/06/24 22:10	0	1	1	2	10.8	77	2.8	161	31
30/06/24 22:15	0	1	1	2	10.8	77	3.4	156	24
30/06/24 22:20	0	1	1	2	10.6	77	3.8	148	22
30/06/24 22:25	0	0	1	2	10.7	76	3.2	149	20
30/06/24 22:30	0	0	0	2	10.7	77	2.3	160	29
30/06/24 22:35	0	0	0	2	10.6	77	2.2	172	26
30/06/24 22:40	0	1	0	2	10.8	78	3.4	187	15
30/06/24 22:45	0	1	0	2	10.8	76	3.4	186	14
30/06/24 22:50	0	1	1	1	10.9	77	4.1	190	12
30/06/24 22:55	0	1	1	1	11.0	74	4.0	190	9
30/06/24 23:00	0	0	1	1	11.0	73	5.0	193	8
30/06/24 23:05	0	0	1	1	11.0	75	5.1	196	6
30/06/24 23:10	0	0	0	1	11.0	75	4.3	191	12
30/06/24 23:15	0	0	0	2	11.0	72	5.1	190	10
30/06/24 23:20	0	0	0	1	11.0	73	4.4	194	10
30/06/24 23:25	0	0	0	1	10.9	75	5.0	193	7
30/06/24 23:30	0	0	0	1	10.9	75	4.2	191	14
30/06/24 23:35	0	0	0	1	10.8	77	3.6	185	12
30/06/24 23:40	0	0	0	1	10.7	77	4.1	187	9
30/06/24 23:45	0	0	0	1	10.8	77	3.5	187	12
30/06/24 23:50	0	0	0		10.7	77	3.6	193	8
30/06/24 23:55	0	0	0		10.7	77	3.6	193	10
01/07/24 00:00	0	0	0	1	10.8	73	3.7	193	8

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
01/06/24 01:00	4	21	1	18	19	1	12.5	68	2.0	294	14
01/06/24 02:00	4	18					11.7	71	2.1	306	12
01/06/24 03:00	3	17	1	15	16	1	11.0	74	2.2	315	13
01/06/24 04:00	1	14	0	11	12	1	10.5	75	2.6	314	10
01/06/24 05:00	3	16	0	14	15	1	10.0	79	2.1	296	11
01/06/24 06:00	4	17	2	20	22	1	9.3	81	1.8	313	14
01/06/24 07:00	3	21	7	22	30	1	9.0	82	1.3	322	15
01/06/24 08:00	5	24	23	25	48	1	8.4	84	0.7	348	21
01/06/24 09:00	5	27	24	23	48	2	9.2	81	0.8	347	23
01/06/24 10:00	7	23	15	21	35	2	10.0	79	0.9	273	21
01/06/24 11:00	4	22	13	18	31	2	10.6	81	0.4	258	29
01/06/24 12:00	2	17	7	8	15	2	11.8	77	1.1	231	17
01/06/24 13:00	5	58	2	4	6	2	12.6	77	2.7	219	8
01/06/24 14:00	4	10	1	2	3	1	12.9	81	2.8	215	8
01/06/24 15:00	1	11	0	1	2	1	14.1	71	3.3	207	8
01/06/24 16:00	-1	15	0	2	2	1	13.7	77	5.0	217	5
01/06/24 17:00	-2	14	0	2	3	1	14.1	69	3.3	196	9
01/06/24 18:00	-2	15	0	1	2	1	14.1	68	2.7	164	22
01/06/24 19:00	0	17	0	1	1	1	13.9	67	3.0	172	20
01/06/24 20:00	3	16	0	6	6	1	12.6	75	3.7	117	11
01/06/24 21:00	3	15	0	6	6	1	12.1	77	2.6	123	17
01/06/24 22:00	4	24	0	7	7	1	11.7	76	1.8	117	13
01/06/24 23:00	4	22	0	10	10	1	11.7	76	1.9	123	16
02/06/24 00:00	4	14	0	6	6	1	12.2	73	2.7	118	12
02/06/24 01:00	6	25	0	10	10	1	11.4	75	1.8	103	9
02/06/24 02:00	6	18					11.8	73	1.7	113	13
02/06/24 03:00	3	15	0	8	8	0	12.0	76	1.1	144	22
02/06/24 04:00	9	30	0	7	7	0	11.3	78	1.4	110	16
02/06/24 05:00	5	24	0	4	4	1	12.2	76	1.7	145	21
02/06/24 06:00	1	12	0	2	2	1	12.2	73	1.7	161	20
02/06/24 07:00	1	16	0	5	6	1	10.3	78	1.3	99	10
02/06/24 08:00	2	13	15	19	35	1	9.8	82	0.7	1	19
02/06/24 09:00	3	17	17	23	40	1	10.1	85	1.0	302	16
02/06/24 10:00	5	16	12	19	32	1	11.2	83	1.0	295	14
02/06/24 11:00	4	12	3	9	12	1	13.1	74	2.3	181	28
02/06/24 12:00	0	13	0	1	1	1	13.4	71	3.1	159	25
02/06/24 13:00	-1	18	0	1	2	1	13.9	68	2.9	161	24
02/06/24 14:00	1	18	0	1	1	1	13.9	67	3.3	168	24
02/06/24 15:00	-2	20	0	1	1	1	13.7	65	3.0	176	18
02/06/24 16:00	-3	16	0	1	1	1	13.8	62	2.9	177	21
02/06/24 17:00	0	11	0	1	1	1	14.0	56	4.0	196	8
02/06/24 18:00	1	8	0	2	2	0	13.3	67	4.7	192	9
02/06/24 19:00	0	13	0	1	2	0	13.2	72	4.1	187	12
02/06/24 20:00	1	17	0	1	1	1	13.0	74	3.5	183	15
02/06/24 21:00	1	21	0	1	2	1	12.3	81	3.1	125	16
02/06/24 22:00	3	12	0	2	2	0	12.6	71	3.2	178	18
02/06/24 23:00	2	17	0	2	2	0	13.0	66	3.3	187	13

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
03/06/24 00:00	-1	9	0	1	1	1	12.8	71	4.9	206	7
03/06/24 01:00	1	10	0	2	2	1	11.2	81	4.6	250	5
03/06/24 02:00	2	9					10.3	84	4.3	257	7
03/06/24 03:00	2	6	0	10	10	1	9.8	84	2.1	271	18
03/06/24 04:00	4	8	0	10	10	1	9.4	84	2.1	286	12
03/06/24 05:00	3	9	0	10	10	1	9.4	84	1.8	276	11
03/06/24 06:00	1	11	2	15	17	2	9.5	82	2.1	276	13
03/06/24 07:00	1	13	11	23	34	2	9.6	80	1.5	294	17
03/06/24 08:00	1	12	7	20	27	2	9.9	83	2.4	257	13
03/06/24 09:00	0	9	6	18	23	2	10.5	85	3.5	257	8
03/06/24 10:00	2	9	3	12	16	2	11.2	86	3.6	252	7
03/06/24 11:00	3	9	2	7	9	2	12.3	80	4.8	239	6
03/06/24 12:00	0	9	1	4	5	2	13.0	74	4.9	235	6
03/06/24 13:00	-2	9	1	3	4	2	13.4	72	5.0	229	6
03/06/24 14:00	-2	9	1	2	2	2	13.7	69	4.7	226	6
03/06/24 15:00	-2	11	0	1	1	2	14.1	67	4.7	225	7
03/06/24 16:00	-2	11	0	1	1	2	13.9	71	5.2	225	5
03/06/24 17:00	-2	12	0	1	1	2	13.9	71	4.3	206	6
03/06/24 18:00	-1	10	0	2	2	2	13.8	72	4.3	202	6
03/06/24 19:00	1	8	0	3	3	2	13.6	74	4.1	227	5
03/06/24 20:00	2	6	0	12	12	2	13.3	72	4.9	260	7
03/06/24 21:00	1	9	0	11	11	2	12.9	73	3.8	259	8
03/06/24 22:00	5	15	1	11	12	2	12.5	74	3.9	254	7
03/06/24 23:00	5	8	0	7	8	2	11.9	79	4.2	265	7
04/06/24 00:00	3	10	0	7	7	2	11.7	80	2.8	282	12
04/06/24 01:00	2	13	0	16	17	2	11.5	79	2.4	293	13
04/06/24 02:00	2	10					11.1	79	2.4	299	10
04/06/24 03:00	0	7	0	13	13	2	10.6	82	2.0	309	12
04/06/24 04:00	0	7	1	17	18	2	10.4	83	1.9	309	13
04/06/24 05:00	2	9	3	22	26	2	10.4	82	2.0	313	12
04/06/24 06:00	1	9	4	23	27	2	10.7	79	2.2	307	11
04/06/24 07:00	1	8	10	26	36	2	11.1	75	2.0	309	11
04/06/24 08:00	2	14	16	28	45	2	11.2	73	2.3	303	13
04/06/24 09:00	3	23	16	28	44	2	11.4	71	2.2	291	15
04/06/24 10:00	3	18	11	24	35	2	12.2	65	1.9	288	15
04/06/24 11:00	1	13	7	16	24	2	12.8	62	1.9	289	17
04/06/24 12:00	2	12	3	6	9	2	13.3	59	2.1	289	15
04/06/24 13:00	2	9	2	7	9	1	13.5	58	1.7	296	18
04/06/24 14:00	1	20	2	10	12	1	13.6	60	1.8	271	13
04/06/24 15:00	1	13	3	10	13	2	13.6	63	1.3	202	19
04/06/24 16:00	-2	12	0	2	3	2	13.4	66	1.3	133	19
04/06/24 17:00	-1	11	1	7	8	1	13.3	66	0.2	3	23
04/06/24 18:00	-1	15	1	20	20	1	13.3	63	0.5	315	24
04/06/24 19:00	1	22	8	31	39	2	12.7	63	0.4	54	10
04/06/24 20:00	18	39	41	34	75	2	12.3	66	0.6	7	21
04/06/24 21:00	11	42	64	34	98	2	12.0	68	1.0	344	21
04/06/24 22:00	12	33	61	31	92	3	11.5	73	1.4	333	21

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
04/06/24 23:00	10	28	37	25	62	2	11.3	76	1.3	309	19
05/06/24 00:00	7	18	24	21	44	2	11.1	76	1.2	301	14
05/06/24 01:00	5	22	33	25	58	1	11.0	75	0.8	306	20
05/06/24 02:00	6	29					10.8	74	1.1	351	18
05/06/24 03:00	6	29	29	24	53	1	10.8	74	1.2	338	15
05/06/24 04:00	4	18	14	20	34	1	11.0	74	1.4	312	13
05/06/24 05:00	6	19	5	19	23	1	11.2	75	0.7	303	17
05/06/24 06:00	4	15	1	9	10	1	11.4	76	1.4	245	13
05/06/24 07:00	1	10	0	7	8	1	11.6	76	1.2	242	17
05/06/24 08:00	5	17	11	19	29	1	11.4	78	0.9	283	25
05/06/24 09:00			47	24	71	1	11.6	77	1.5	308	25
05/06/24 10:00											
05/06/24 11:00											
05/06/24 12:00			3	5	8		12.9	80	3.4	228	4
05/06/24 13:00	6	12	2	5	7	1	13.5	79	3.6	227	4
05/06/24 14:00	2	11	2	5	7	1	14.0	79	3.4	215	4
05/06/24 15:00	16	22	3	4	7	1	15.1	70	2.5	191	14
05/06/24 16:00	3	14	0	1	2	1	15.3	66	3.2	186	12
05/06/24 17:00	3	17	0	1	2	1	15.2	70	1.9	171	26
05/06/24 18:00	-1	18	0	1	1	1	14.2	76	2.2	173	17
05/06/24 19:00	1	7	0	3	4	1	14.1	73	2.9	189	9
05/06/24 20:00	2	9	0	1	1	1	14.2	73	2.8	188	8
05/06/24 21:00	4	11	0	2	2	1	14.2	77	1.4	168	21
05/06/24 22:00	5	14	0	5	5	0	13.3	81	0.6	161	20
05/06/24 23:00	8	17	4	19	23	1	12.8	84	1.3	254	10
06/06/24 00:00	10	22	20	26	46	1	12.5	82	1.4	266	13
06/06/24 01:00	7	26	26	28	54	1	12.3	79	0.9	319	17
06/06/24 02:00	12	45					11.9	80	1.1	347	16
06/06/24 03:00	10	38	54	28	82	2	11.5	81	1.4	335	13
06/06/24 04:00	6	41	50	26	76	1	11.4	84	0.8	306	16
06/06/24 05:00	5	22	10	21	31	1	11.5	86	0.6	292	24
06/06/24 06:00	5	18	15	21	36	1	11.6	88	0.6	277	19
06/06/24 07:00	6	16	4	19	22	1	12.1	86	0.9	120	17
06/06/24 08:00	5	19	4	17	21	1	12.4	83	0.8	171	18
06/06/24 09:00	8	26	18	24	41	1	12.4	86	1.6	130	15
06/06/24 10:00	6	20	11	17	28	1	12.9	82	1.2	149	19
06/06/24 11:00	3	13	8	14	21	1	13.2	84	1.4	221	6
06/06/24 12:00	2	19	11	13	23	1	14.6	78	2.2	149	19
06/06/24 13:00	1	15	7	9	15	1	14.6	82	3.2	200	7
06/06/24 14:00	2	19	6	8	14	1	14.8	83	3.6	199	7
06/06/24 15:00	4	19	2	4	6	1	16.2	72	2.8	186	14
06/06/24 16:00	5	19	1	2	3	1	16.0	75	2.3	173	20
06/06/24 17:00	4	17	0	2	3	1	15.8	76	2.2	170	20
06/06/24 18:00	4	18	0	2	2	1	14.8	85	2.4	170	25
06/06/24 19:00	3	17	0	2	2	1	14.5	87	2.2	163	27
06/06/24 20:00	2	12	0	3	3	1	14.2	83	3.2	141	14
06/06/24 21:00	2	10	0	4	4	1	14.0	83	2.6	145	18

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
06/06/24 22:00	2	7	0	4	4	1	13.6	82	1.7	153	24
06/06/24 23:00	-1	8	0	4	4	1	13.4	85	2.0	139	19
07/06/24 00:00	-1	6	0	3	3	1	13.2	86	2.5	145	20
07/06/24 01:00	-2	7	0	2	2	2	12.8	89	1.5	147	23
07/06/24 02:00	-4	9					12.5	92	2.3	122	15
07/06/24 03:00	-1	7	0	2	2	1	12.5	91	4.5	133	10
07/06/24 04:00	1	9	0	2	3	1	12.5	89	4.3	138	12
07/06/24 05:00	1	10	0	2	2	1	12.4	89	3.4	137	11
07/06/24 06:00	0	8	0	2	2	1	11.9	90	2.5	125	14
07/06/24 07:00	1	10	0	9	10	1	11.2	93	3.0	116	10
07/06/24 08:00	2	12	4	20	23	1	11.0	94	2.5	119	13
07/06/24 09:00	-3	8	5	17	21	1	12.2	88	2.5	131	14
07/06/24 10:00	-4	7	4	11	16	1	12.8	87	2.4	120	15
07/06/24 11:00	0	9	3	8	12	1	13.6	85	2.2	142	17
07/06/24 12:00	0	8	2	4	6	1	13.8	86	2.7	189	13
07/06/24 13:00	-1	8	1	3	4	1	15.1	82	2.3	182	17
07/06/24 14:00	0	11	1	2	4	1	15.4	79	2.8	185	15
07/06/24 15:00	0	11	1	2	3	1	15.5	81	3.0	185	14
07/06/24 16:00	1	17	1	2	2	1	15.2	83	3.2	173	18
07/06/24 17:00	1	16	0	1	2	1	14.9	85	3.0	176	17
07/06/24 18:00	1	14	0	2	2	1	14.5	87	3.1	168	21
07/06/24 19:00	2	12	0	2	2	1	14.1	89	2.8	169	22
07/06/24 20:00	1	9	0	2	2	1	13.9	90	2.8	145	21
07/06/24 21:00	2	6	0	3	3	1	13.4	90	3.2	138	15
07/06/24 22:00	3	8	0	3	3	1	13.1	92	2.5	149	20
07/06/24 23:00	0	10	0	2	3	1	13.0	92	2.9	143	19
08/06/24 00:00	-1	12	0	3	3	1	12.7	93	3.0	139	16
08/06/24 01:00	-1	14	0	2	2	1	12.5	93	2.9	137	14
08/06/24 02:00	3	13					11.8	94	1.8	107	13
08/06/24 03:00	6	13	1	6	7	1	11.3	94	1.5	95	12
08/06/24 04:00	3	11	0	6	6	1	11.6	96	1.4	159	16
08/06/24 05:00	0	10	0	3	3	1	12.5	88	2.8	187	13
08/06/24 06:00	4	15	0	3	3	1	13.0	82	1.9	164	25
08/06/24 07:00	5	15	0	4	4	1	13.2	81	1.6	136	17
08/06/24 08:00	1	8	0	5	6	1	12.8	86	1.8	124	16
08/06/24 09:00	-1	15	1	7	9	1	12.4	88	2.2	107	8
08/06/24 10:00	-1	11	2	7	9	1	12.7	88	2.0	116	10
08/06/24 11:00	-2	7	3	6	9	1	13.1	90	1.3	138	19
08/06/24 12:00	1	6	2	5	7	1	13.8	85	1.1	207	18
08/06/24 13:00	2	8	1	4	6	1	13.4	87	1.8	211	9
08/06/24 14:00	1	9	3	6	8	1	13.7	87	2.3	203	13
08/06/24 15:00	0	8	1	3	4	1	13.5	90	4.6	218	5
08/06/24 16:00	-1	7	0	2	2	1	13.4	91	3.4	224	4
08/06/24 17:00	-2	7	0	2	2	1	13.7	86	1.9	230	5
08/06/24 18:00	-1	6	0	4	4	1	13.8	83	1.0	208	18
08/06/24 19:00	1	9	1	14	15	1	13.7	85	0.3	209	23
08/06/24 20:00	-1	11	0	11	11	1	13.7	85	0.9	247	20

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
08/06/24 21:00	7	15	0	12	13	1	13.8	83	1.0	278	12
08/06/24 22:00	10	19	0	15	15	1	13.7	82	0.9	294	14
08/06/24 23:00	12	21	5	26	31	1	13.7	82	1.7	299	11
09/06/24 00:00	7	18	1	13	13	2	13.5	82	2.3	269	8
09/06/24 01:00	2	13	0	9	9	2	13.5	78	2.1	283	12
09/06/24 02:00	1	10					13.3	75	1.2	310	19
09/06/24 03:00	3	10	1	16	17	1	13.2	72	1.2	318	16
09/06/24 04:00	4	12	0	14	15	1	13.2	71	1.5	329	18
09/06/24 05:00	2	13	0	15	15	1	12.9	72	1.4	324	22
09/06/24 06:00	1	7	0	12	13	1	12.9	72	1.5	344	25
09/06/24 07:00	1	9	1	15	15	1	12.7	77	1.5	338	22
09/06/24 08:00	4	11	3	21	24	1	12.7	78	1.4	331	22
09/06/24 09:00	5	10	5	15	20	1	12.8	87	2.9	261	11
09/06/24 10:00	2	6	3	9	12	1	12.5	95	3.3	248	9
09/06/24 11:00	3	11	2	7	9	1	12.7	94	2.7	251	8
09/06/24 12:00	3	13	1	4	5	1	13.3	83	1.9	221	9
09/06/24 13:00	0	15	1	1	2	1	14.2	75	1.1	204	11
09/06/24 14:00	2	16	0	1	1	1	14.5	70	2.0	227	7
09/06/24 15:00	3	13	0	2	3	1	14.5	69	1.2	207	16
09/06/24 16:00	3	11	0	2	3	1	14.0	76	2.3	195	10
09/06/24 17:00	0	9	0	2	2	1	13.2	83	1.2	195	20
09/06/24 18:00	-3	6	0	2	2	1	13.3	83	2.1	199	10
09/06/24 19:00	-3	10	0	2	2	1	13.1	82	3.7	203	6
09/06/24 20:00	-2	9	0	2	2	1	13.4	80	3.6	213	5
09/06/24 21:00	5	15	1	5	6	1	13.1	83	3.8	231	7
09/06/24 22:00	4	10	0	2	3	1	12.7	83	3.8	219	6
09/06/24 23:00	1	15	0	14	15	1	11.8	86	1.5	301	10
10/06/24 00:00	5	14	8	24	32	1	10.9	89	1.4	317	14
10/06/24 01:00	6	17	6	22	28	1	10.8	87	1.8	309	11
10/06/24 02:00	4	15					10.4	88	1.7	332	15
10/06/24 03:00	5	13	17	23	40	2	9.8	91	1.9	342	13
10/06/24 04:00	6	11	18	22	39	2	9.3	91	2.2	354	13
10/06/24 05:00	4	8	11	20	31	2	8.9	91	2.3	359	10
10/06/24 06:00	3	11	4	14	18	1	8.8	90	1.8	358	11
10/06/24 07:00	7	19	8	19	28	2	8.3	91	0.8	20	19
10/06/24 08:00	7	14	42	20	62	2	7.5	93	1.3	19	14
10/06/24 09:00	7	18	36	17	52	2	8.5	87	1.5	349	18
10/06/24 10:00	9	15	24	16	40	2	10.0	79	1.4	345	23
10/06/24 11:00	6	12	23	16	39	2	12.3	68	1.1	353	28
10/06/24 12:00	0	12	6	9	16	2	14.0	56	1.7	13	24
10/06/24 13:00	-2	7	1	4	5	2	14.9	45	2.0	353	28
10/06/24 14:00	-5	6	1	3	4	2	15.5	42	1.9	2	28
10/06/24 15:00	-4	7	1	4	6	2	16.0	42	2.0	337	28
10/06/24 16:00	-2	12	2	8	9	2	16.0	48	1.9	341	30
10/06/24 17:00	1	12	1	10	12	2	15.5	52	2.2	4	25
10/06/24 18:00	2	10	1	10	11	2	14.5	57	2.9	7	22
10/06/24 19:00	4	13	0	9	10	2	13.5	63	2.6	15	24

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/06/24 20:00	4	17	0	8	8	2	13.6	63	3.6	6	24
10/06/24 21:00	3	14	0	6	7	2	13.5	63	4.0	8	22
10/06/24 22:00	3	13	0	5	5	2	13.5	62	4.3	7	23
10/06/24 23:00	3	19	0	4	4	2	13.6	60	4.7	10	22
11/06/24 00:00	3	22	0	3	3	1	13.8	61	5.1	8	22
11/06/24 01:00	2	18	0	3	3	2	13.4	69	5.0	8	22
11/06/24 02:00	1	12					13.4	68	5.4	16	21
11/06/24 03:00	1	12	0	2	2	2	13.0	72	4.1	14	23
11/06/24 04:00	1	10	0	2	2	2	13.0	74	5.1	11	23
11/06/24 05:00	0	11	0	3	3	2	12.0	80	5.3	17	21
11/06/24 06:00	-1	8	0	5	5	2	11.7	85	5.6	9	22
11/06/24 07:00	2	9	1	6	6	2	12.2	81	6.0	11	21
11/06/24 08:00	0	6	1	8	9	2	12.8	78	4.0	345	26
11/06/24 09:00	0	6	2	9	12	2	12.9	79	4.4	351	30
11/06/24 10:00	-1	6	2	8	10	2	13.1	79	5.6	12	21
11/06/24 11:00	-2	7	3	8	11	2	14.2	76	3.7	343	29
11/06/24 12:00	0	12	5	11	16	2	15.0	72	3.2	341	26
11/06/24 13:00	2	11	3	10	13	2	14.9	76	4.2	296	17
11/06/24 14:00	2	10	3	10	12	2	14.9	75	4.6	309	18
11/06/24 15:00	-1	7	5	10	14	2	16.0	65	3.9	306	18
11/06/24 16:00	-3	16	3	10	13	2	16.7	61	4.5	287	14
11/06/24 17:00	-1	14	2	9	11	2	15.9	70	4.4	258	12
11/06/24 18:00	4	13	1	16	17	2	14.7	78	1.4	276	15
11/06/24 19:00	4	26	14	27	41	2	14.7	72	1.3	344	20
11/06/24 20:00	5	20	8	25	33	2	14.9	68	3.1	311	15
11/06/24 21:00	6	15	8	24	32	2	14.7	70	2.2	314	18
11/06/24 22:00	5	18	1	19	20	2	14.9	66	3.3	295	13
11/06/24 23:00	6	19	0	5	5	2	14.9	68	6.4	270	9
12/06/24 00:00	4	20	0	4	4	2	14.9	68	6.2	273	11
12/06/24 01:00	1	25	0	4	5	1	14.0	76	5.9	261	9
12/06/24 02:00	0	14					13.8	78	6.1	266	9
12/06/24 03:00	2	14	0	4	4	1	13.2	83	7.5	261	7
12/06/24 04:00	3	12	0	4	4	1	12.9	78	6.1	266	8
12/06/24 05:00	6	21	0	3	3	1	12.7	76	7.1	266	8
12/06/24 06:00	6	26	1	2	2	1	12.0	86	10.1	226	7
12/06/24 07:00	6	25	0	1	2	1	12.2	81	9.9	217	5
12/06/24 08:00	8	28	0	1	1	1	12.1	78	8.9	227	5
12/06/24 09:00	6	22	0	1	1	1	11.6	78	9.2	226	6
12/06/24 10:00	6	24	1	2	3	1	11.1	79	6.8	231	8
12/06/24 11:00	5	21	1	3	5	1	11.7	78	7.5	214	7
12/06/24 12:00	3	15	0	1	2	1	12.2	74	7.8	224	6
12/06/24 13:00	3	20	1	3	4	1	12.4	72	7.2	218	6
12/06/24 14:00	3	24	2	3	5	1	12.9	68	7.9	218	6
12/06/24 15:00	5	25	0	1	1	1	13.2	61	9.0	217	5
12/06/24 16:00	6	25	0	2	2	0	13.2	60	7.8	214	4
12/06/24 17:00	7	23	0	1	2	1	12.7	71	7.0	220	5
12/06/24 18:00	4	14	0	1	1	1	12.4	73	6.7	217	6

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
12/06/24 19:00	1	19	1	5	5	1	12.0	76	4.1	197	9
12/06/24 20:00	1	14	1	6	7	1	12.1	74	5.6	240	6
12/06/24 21:00	0	13	0	4	4	1	12.2	72	5.2	233	6
12/06/24 22:00	0	12	1	5	5	1	11.9	77	6.7	236	7
12/06/24 23:00	2	8	2	12	14	1	10.6	86	4.5	255	6
13/06/24 00:00	5	17	2	14	16	1	10.5	83	3.8	248	8
13/06/24 01:00	3	15	3	14	17	1	10.4	82	4.2	242	7
13/06/24 02:00	3	14					10.1	86	4.2	243	8
13/06/24 03:00	3	9	5	19	24	2	9.9	89	3.1	256	11
13/06/24 04:00	4	6	2	18	20	2	9.6	90	2.1	272	13
13/06/24 05:00	4	15	3	17	19	2	10.0	85	3.0	268	9
13/06/24 06:00	3	19	3	22	25	2	9.5	86	1.9	290	12
13/06/24 07:00	8	19	18	26	44	2	9.6	87	1.9	286	12
13/06/24 08:00	6	18	10	25	35	2	9.8	87	1.7	269	12
13/06/24 09:00	3	17	9	22	31	2	9.9	88	2.8	259	12
13/06/24 10:00	5	14	8	20	29	2	9.9	87	2.2	258	12
13/06/24 11:00	2	14	5	15	20	2	10.3	86	2.0	268	10
13/06/24 12:00	1	21	11	22	33	2	10.7	86	0.2	150	40
13/06/24 13:00	5	19	22	27	49	2	10.8	86	0.6	230	16
13/06/24 14:00	5	16	23	28	51	2	10.7	90	0.3	177	20
13/06/24 15:00	7	24	32	30	62	2	10.3	95	0.6	345	23
13/06/24 16:00	6	16	25	29	54	2	10.4	95	0.6	25	27
13/06/24 17:00	3	16	27	30	57	2	10.7	92	0.9	303	18
13/06/24 18:00	4	18	31	30	62	2	10.8	91	0.7	317	20
13/06/24 19:00	9	17	26	29	55	2	11.0	90	1.2	269	16
13/06/24 20:00	7	12	7	25	31	2	11.0	88	0.9	254	14
13/06/24 21:00	7	17	16	27	43	2	10.8	90	0.5	322	17
13/06/24 22:00	5	9	19	27	46	2	10.6	91	0.4	327	21
13/06/24 23:00	9	21	50	29	80	2	10.5	91	0.7	310	13
14/06/24 00:00	10	32	79	31	110	2	10.3	93	0.6	325	15
14/06/24 01:00	10	39	80	29	109	2	10.3	94	0.7	283	16
14/06/24 02:00	10	24					10.2	93	0.5	307	19
14/06/24 03:00	10	39	75	25	100	1	9.9	93	0.8	346	12
14/06/24 04:00	18	39	88	25	114	2	9.7	95	0.5	6	10
14/06/24 05:00	12	32	80	24	104	2	9.6	96	0.2	26	17
14/06/24 06:00	12	27	80	24	104	2	9.7	94	1.1	307	11
14/06/24 07:00	10	20	67	22	89	2	9.4	94	0.3	8	21
14/06/24 08:00	10	21	46	24	70	2	9.3	95	1.4	99	16
14/06/24 09:00	14	32	48	24	72	2	9.6	93	1.2	70	16
14/06/24 10:00	20	28	35	22	56	2	10.2	89	0.7	36	22
14/06/24 11:00	11	22	20	19	39	1	10.9	82	0.6	336	32
14/06/24 12:00	14	24	20	20	40	1	11.6	79	0.7	158	28
14/06/24 13:00	12	21	13	16	29	1	12.0	77	1.2	170	19
14/06/24 14:00	17	26	18	18	36	1	12.0	81	1.5	166	26
14/06/24 15:00	17	24	21	19	40	1	12.3	80	1.2	163	29
14/06/24 16:00	10	27	17	20	37	0	12.4	80	1.3	165	23
14/06/24 17:00	16	27	15	21	36	1	12.4	79	0.6	237	17

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
14/06/24 18:00	13	22	16	22	37	1	12.0	82	0.6	240	12
14/06/24 19:00	23	27	29	24	53	1	12.2	84	1.3	212	6
14/06/24 20:00	13	23	13	23	36	0	12.2	82	1.1	184	18
14/06/24 21:00	9	12	9	20	29	0	12.0	78	0.5	159	24
14/06/24 22:00	22	38	44	24	68	1	11.0	85	0.7	81	10
14/06/24 23:00	30	42	57	24	81	1	10.4	90	1.2	114	9
15/06/24 00:00	22	38	49	24	73	1	10.2	91	1.6	102	9
15/06/24 01:00	28	45	78	23	100	1	9.5	93	0.8	80	15
15/06/24 02:00	28	64					8.7	95	0.7	70	22
15/06/24 03:00	12	37	57	22	79	1	8.5	95	0.9	78	13
15/06/24 04:00	22	60	127	22	149	1	7.3	95	0.7	1	15
15/06/24 05:00	20	55	96	20	116	1	6.9	96	0.9	351	20
15/06/24 06:00	12	50	77	18	95	1	6.5	95	1.3	359	13
15/06/24 07:00	14	36	100	20	120	1	6.4	96	1.4	353	15
15/06/24 08:00	11	39	87	20	107	1	6.4	96	0.8	346	20
15/06/24 09:00	19	47	124	25	149	1	7.9	91	0.1	118	19
15/06/24 10:00	8	36	39	22	61	1	11.1	81	1.0	106	24
15/06/24 11:00	5	11	4	8	12	1	12.3	79	3.9	127	16
15/06/24 12:00	2	17	2	4	6	0	12.8	75	3.9	128	16
15/06/24 13:00	4	12	2	4	6	1	13.4	71	4.1	127	13
15/06/24 14:00	2	11	1	4	6	2	14.1	68	3.2	142	20
15/06/24 15:00	0	12	0	3	3	1	14.4	69	2.7	172	21
15/06/24 16:00	-2	12	0	2	2	1	14.0	73	3.6	181	16
15/06/24 17:00	1	10	0	1	1	1	13.6	73	3.2	163	26
15/06/24 18:00	4	13	0	1	1	0	12.8	76	4.0	149	21
15/06/24 19:00	1	10	0	2	3	0	12.4	78	4.5	136	12
15/06/24 20:00	0	14	0	3	3	0	12.0	79	3.7	128	14
15/06/24 21:00	6	18	0	7	8	0	11.3	82	3.3	117	10
15/06/24 22:00	6	21	0	9	9	0	10.8	85	2.7	117	13
15/06/24 23:00	6	17	0	9	9	0	10.6	86	2.4	117	12
16/06/24 00:00	5	14	0	15	15	0	10.2	86	1.3	126	17
16/06/24 01:00	6	17	2	17	19	1	9.6	89	0.4	105	21
16/06/24 02:00	6	16					9.9	88	0.7	79	17
16/06/24 03:00	9	15	2	17	18	1	9.4	89	0.6	41	15
16/06/24 04:00	5	11	0	7	8	1	10.7	79	1.0	181	20
16/06/24 05:00	3	15	2	14	16	1	9.6	81	3.0	268	9
16/06/24 06:00	2	9	0	6	6	1	8.8	80	4.2	259	7
16/06/24 07:00	2	10	2	14	16	1	8.3	81	2.6	274	12
16/06/24 08:00	5	11	6	16	22	1	8.6	80	4.0	263	7
16/06/24 09:00	3	13	5	13	17	1	8.5	81	3.0	270	10
16/06/24 10:00	1	14	7	9	17	1	9.7	80	3.8	257	7
16/06/24 11:00	1	9	2	5	8	1	11.2	76	4.8	239	5
16/06/24 12:00	0	7	1	2	3	1	12.7	70	5.4	218	5
16/06/24 13:00	1	10	0	1	1	1	13.3	68	5.4	197	6
16/06/24 14:00	2	14	2	5	7	1	13.2	69	5.5	193	8
16/06/24 15:00	3	22	3	5	8	1	13.4	69	5.0	188	11
16/06/24 16:00	3	21	0	2	2	1	13.0	76	5.4	192	9

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
16/06/24 17:00	2	24	0	2	2	1	12.7	79	5.3	198	9
16/06/24 18:00	2	25	0	4	5	1	13.1	76	8.5	211	4
16/06/24 19:00	2	21	0	3	3	1	13.2	76	8.1	209	4
16/06/24 20:00	3	23	0	4	4	1	12.6	81	7.1	204	6
16/06/24 21:00	3	17	0	1	1	1	12.7	81	6.8	213	5
16/06/24 22:00	3	20	0	2	2	1	12.9	79	6.9	213	5
16/06/24 23:00	1	22	0	1	1	1	13.1	74	5.0	194	8
17/06/24 00:00	2	24	1	9	10	1	13.0	70	5.4	192	8
17/06/24 01:00	2	17	0	1	1	1	12.8	71	4.7	191	9
17/06/24 02:00	2	27					12.7	71	3.2	185	15
17/06/24 03:00	4	19	0	1	1	1	12.6	72	2.5	182	18
17/06/24 04:00	3	16	0	2	2	1	12.4	74	2.3	191	16
17/06/24 05:00	1	18	1	17	18	1	9.8	83	1.2	318	18
17/06/24 06:00	3	21	14	24	37	1	9.4	84	1.4	326	16
17/06/24 07:00	4	24	43	27	70	2	9.4	83	2.0	304	12
17/06/24 08:00	8	30	63	28	92	2	9.6	82	0.9	338	22
17/06/24 09:00	6	29	73	31	104	2	10.0	82	1.1	291	15
17/06/24 10:00	11	36	74	29	104	2	10.7	78	1.1	285	13
17/06/24 11:00	7	32	42	22	64	3	11.6	76	1.6	258	7
17/06/24 12:00	3	15	6	8	15	2	13.0	73	1.3	225	8
17/06/24 13:00	0	13	5	6	11	1	13.4	72	3.0	206	4
17/06/24 14:00	1	14	1	2	2	1	13.4	69	3.9	206	4
17/06/24 15:00	4	17	1	2	3	1	13.4	70	4.6	212	4
17/06/24 16:00	1	12	0	1	2	1	13.5	70	4.5	207	4
17/06/24 17:00	-2	10	0	1	2	1	13.3	71	3.9	203	4
17/06/24 18:00	2	16	0	2	2	1	13.1	66	3.0	195	8
17/06/24 19:00	3	17	0	3	3	1	12.9	70	3.3	139	14
17/06/24 20:00	4	17	0	8	8	1	12.2	72	2.7	125	15
17/06/24 21:00	5	25	0	14	14	1	11.4	73	3.6	110	7
17/06/24 22:00	5	27	0	20	20	1	10.5	73	2.8	101	6
17/06/24 23:00	6	21	0	20	20	1	9.8	74	1.7	93	8
18/06/24 00:00	4	16	0	18	18	1	9.5	74	0.9	98	14
18/06/24 01:00	4	15	0	16	16	1	9.8	76	0.5	147	20
18/06/24 02:00	4	16					10.6	73	0.9	127	21
18/06/24 03:00	3	20	7	24	31	1	9.6	80	1.2	291	13
18/06/24 04:00	4	23	17	23	40	2	8.7	83	1.0	311	15
18/06/24 05:00	8	36	52	23	75	2	7.6	88	1.4	360	13
18/06/24 06:00	7	26	36	18	54	2	6.5	89	1.4	28	6
18/06/24 07:00	8	27	41	18	59	2	6.2	89	1.4	28	8
18/06/24 08:00	16	47	126	27	153	3	6.6	88	1.4	358	10
18/06/24 09:00	17	54	120	27	146	3	6.8	86	1.5	357	15
18/06/24 10:00	17	56	119	29	148	3	7.8	81	1.4	353	20
18/06/24 11:00	17	55	123	33	156	3	9.5	73	1.0	339	24
18/06/24 12:00	14	50	111	35	146	4	11.9	64	0.6	208	29
18/06/24 13:00	11	44	79	32	111	4	13.3	61	0.8	144	30
18/06/24 14:00	6	24	27	20	47	3	13.9	62	0.8	149	27
18/06/24 15:00	5	18	6	9	15	2	14.8	56	1.3	181	20

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
18/06/24 16:00	2	9	1	3	4	2	12.9	61	2.2	202	9
18/06/24 17:00	-2	16	1	4	5	2	12.6	62	2.4	206	7
18/06/24 18:00	-3	10	0	3	3	2	12.5	61	2.2	210	10
18/06/24 19:00	2	14	0	5	5	1	12.3	57	1.4	133	20
18/06/24 20:00	3	20	0	16	17	1	11.6	60	2.3	92	9
18/06/24 21:00	15	26	4	29	34	1	10.6	65	1.6	65	8
18/06/24 22:00	11	25	16	32	48	2	10.1	64	1.5	45	9
18/06/24 23:00	16	35	72	34	106	2	8.7	71	1.4	329	23
19/06/24 00:00	12	32	64	33	97	2	7.5	75	1.5	359	18
19/06/24 01:00	12	30	37	28	65	1	6.6	76	1.7	350	18
19/06/24 02:00	12	34					6.3	77	1.7	360	17
19/06/24 03:00	9	31	30	26	56	1	6.2	77	1.2	5	16
19/06/24 04:00	11	31	52	23	75	1	5.2	83	0.8	12	18
19/06/24 05:00	16	33	50	21	70	1	4.6	85	1.0	27	14
19/06/24 06:00	14	24	31	18	48	1	4.1	87	0.8	10	16
19/06/24 07:00	14	26	51	19	70	1	3.5	86	1.0	43	13
19/06/24 08:00	14	28	87	22	109	1	3.4	86	1.0	10	15
19/06/24 09:00	13	37	96	26	122	1	5.1	77	1.1	32	15
19/06/24 10:00	15	40	87	26	113	1	7.2	68	0.9	32	19
19/06/24 11:00	16	39	65	25	90	1	8.6	64	1.3	346	28
19/06/24 12:00	10	32	36	24	60	1	11.1	57	1.1	5	29
19/06/24 13:00	10	35	27	24	51	2	12.1	57	0.7	202	24
19/06/24 14:00	8	27	17	18	35	2	12.3	58	0.9	216	30
19/06/24 15:00	6	15	4	9	13	2	13.2	49	1.4	4	32
19/06/24 16:00	6	17	3	9	12	2	13.4	48	1.8	27	23
19/06/24 17:00	9	19	3	15	17	2	12.5	53	1.8	27	18
19/06/24 18:00	7	19	2	19	21	1	11.4	59	2.0	22	21
19/06/24 19:00	9	18	2	20	21	1	10.7	62	2.1	40	17
19/06/24 20:00	5	21	1	16	18	1	10.0	65	1.9	22	21
19/06/24 21:00	7	23	3	21	24	1	9.1	69	2.1	21	22
19/06/24 22:00	11	27	5	24	29	1	8.4	71	1.9	29	23
19/06/24 23:00	9	19	2	18	19	0	8.4	70	2.3	33	18
20/06/24 00:00	9	22	1	14	14	0	8.7	69	2.1	39	18
20/06/24 01:00	8	17	1	13	13	1	7.9	73	1.7	57	18
20/06/24 02:00	8	17					7.9	73	1.5	74	18
20/06/24 03:00	8	15	0	8	9	1	7.6	74	1.7	61	13
20/06/24 04:00	8	14	0	6	6	0	7.5	73	1.6	66	14
20/06/24 05:00	6	15	0	7	7	0	7.7	72	1.4	59	15
20/06/24 06:00	4	16	1	10	10	0	7.6	73	1.3	52	14
20/06/24 07:00	7	16	7	18	25	0	7.7	73	1.5	61	15
20/06/24 08:00	9	24	15	21	36	0	7.8	72	2.0	74	14
20/06/24 09:00	7	22	27	21	48	1	8.3	70	1.8	66	14
20/06/24 10:00	6	27	34	21	55	1	9.1	66	0.8	11	25
20/06/24 11:00	8	23	25	20	45	1	9.7	65	1.2	1	26
20/06/24 12:00	9	34	28	20	48	1	11.4	61	1.3	128	18
20/06/24 13:00	6	15	12	14	26	1	12.6	57	0.9	182	23
20/06/24 14:00	4	23	9	13	22	1	12.5	61	1.9	200	7

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
20/06/24 15:00	5	17	11	15	26	1	13.3	60	1.9	186	15
20/06/24 16:00	8	18	9	17	26	1	12.1	68	1.9	191	11
20/06/24 17:00	5	12	4	11	14	0	12.1	70	2.4	208	8
20/06/24 18:00	4	13	0	9	9	1	12.4	72	1.7	205	16
20/06/24 19:00	5	13	0	7	7	1	12.1	71	2.9	132	15
20/06/24 20:00	6	14	0	8	8	1	12.2	69	2.0	133	16
20/06/24 21:00	7	26	0	11	11	1	12.0	70	2.4	119	13
20/06/24 22:00	10	23	0	12	12	1	11.5	70	3.3	117	11
20/06/24 23:00	14	31	0	15	16	1	10.4	73	2.9	101	7
21/06/24 00:00	9	30	1	16	17	1	9.8	71	2.7	98	7
21/06/24 01:00	6	24	0	11	12	1	9.3	72	0.5	63	16
21/06/24 02:00	7	21					9.4	74	0.5	186	20
21/06/24 03:00	12	22	12	19	31	1	9.4	76	0.7	200	24
21/06/24 04:00	17	34	55	25	79	1	8.2	84	0.9	330	17
21/06/24 05:00	19	52	78	26	104	1	7.4	86	1.8	351	16
21/06/24 06:00	17	44	69	24	93	2	6.8	88	1.7	348	16
21/06/24 07:00	21	40	96	27	122	2	7.0	89	1.4	338	19
21/06/24 08:00	16	40	132	31	162	2	7.6	88	1.3	334	16
21/06/24 09:00	22	64	195	35	230	3	7.9	86	1.7	357	11
21/06/24 10:00	19	52	157	35	192	3	9.0	86	1.2	308	16
21/06/24 11:00	2	13	20	13	33	2	11.5	85	2.9	234	9
21/06/24 12:00	1	13	2	7	9	2	12.1	84	4.9	224	4
21/06/24 13:00	3	14	3	6	10	1	12.5	79	4.2	223	5
21/06/24 14:00	3	9	2	6	8	1	12.8	76	4.1	219	6
21/06/24 15:00	-1	8	2	4	6	1	13.3	67	3.8	198	6
21/06/24 16:00	1	9	1	4	5	1	13.2	68	4.3	200	4
21/06/24 17:00	0	10	0	3	4	1	13.1	70	4.2	200	5
21/06/24 18:00	0	11	0	3	3	1	13.1	72	3.5	202	5
21/06/24 19:00	-1	12	1	5	6	1	12.8	77	2.4	207	5
21/06/24 20:00	-2	7	1	5	6	1	12.7	80	3.0	215	4
21/06/24 21:00	-1	9	0	2	2	1	12.6	84	2.0	195	9
21/06/24 22:00	4	18	10	23	33	1	11.5	84	1.8	259	11
21/06/24 23:00	11	27	24	31	54	1	10.0	82	1.6	308	13
22/06/24 00:00	9	17	17	26	43	1	9.8	84	1.4	273	13
22/06/24 01:00	5	11	3	20	23	2	9.7	88	2.0	286	13
22/06/24 02:00	3	12					9.6	90	1.4	313	14
22/06/24 03:00	4	14	6	22	27	2	9.2	89	1.3	315	16
22/06/24 04:00	2	13	3	18	21	2	8.6	89	1.0	305	18
22/06/24 05:00	2	12	8	21	29	2	8.5	88	1.1	319	16
22/06/24 06:00	6	17	34	26	60	2	8.0	90	1.2	338	16
22/06/24 07:00	6	9	43	27	70	2	8.2	91	0.9	334	22
22/06/24 08:00	6	19	47	27	73	2	7.9	93	1.1	318	16
22/06/24 09:00	5	21	86	29	115	3	8.7	90	1.1	330	17
22/06/24 10:00	9	16	49	25	75	3	10.5	82	0.5	290	33
22/06/24 11:00	7	16	29	22	52	3	12.6	74	0.3	186	30
22/06/24 12:00	4	19	23	20	43	3	13.7	70	0.8	176	26
22/06/24 13:00	2	10	5	7	12	3	12.4	80	2.1	201	8

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
22/06/24 14:00	5	9	2	3	5	2	12.9	73	2.6	208	4
22/06/24 15:00	4	6	1	5	5	2	12.7	79	2.6	205	4
22/06/24 16:00	1	12	1	5	6	2	13.3	72	1.9	198	10
22/06/24 17:00	-1	10	1	9	9	2	13.0	76	3.4	204	5
22/06/24 18:00	-2	8	0	6	6	2	12.9	73	2.0	177	20
22/06/24 19:00	-2	9	0	1	1	2	12.8	69	3.1	143	18
22/06/24 20:00	2	10	0	3	3	2	12.3	73	3.0	134	15
22/06/24 21:00	3	15	0	4	4	2	11.8	76	2.8	121	11
22/06/24 22:00	12	21	0	15	16	2	10.8	78	1.9	88	9
22/06/24 23:00	15	26	1	24	25	2	10.4	80	1.7	97	7
23/06/24 00:00	3	14	0	12	12	2	11.0	73	1.6	104	12
23/06/24 01:00	19	42	22	27	49	1	9.7	81	1.0	14	15
23/06/24 02:00	22	35					9.4	84	0.6	5	21
23/06/24 03:00	24	38	53	28	81	1	8.4	86	1.5	342	20
23/06/24 04:00	25	42	93	29	122	1	7.2	89	2.2	346	14
23/06/24 05:00	20	27	51	24	75	2	6.4	91	1.5	360	17
23/06/24 06:00	22	32	53	21	74	1	5.6	93	0.7	13	11
23/06/24 07:00	21	27	33	17	50	1	4.9	92	0.9	39	8
23/06/24 08:00	15	19	12	16	27	1	4.3	92	1.4	46	10
23/06/24 09:00	12	15	11	14	25	1	5.7	86	0.9	41	13
23/06/24 10:00	7	12	14	13	26	1	7.4	79	0.8	40	21
23/06/24 11:00	5	17	16	13	29	1	9.3	72	0.7	66	25
23/06/24 12:00	6	21	15	14	29	1	11.0	68	0.9	41	28
23/06/24 13:00	6	11	10	12	22	1	12.9	63	0.7	117	33
23/06/24 14:00	5	16	9	12	21	1	14.1	63	1.2	159	30
23/06/24 15:00	3	14	3	5	8	1	15.5	49	1.8	20	34
23/06/24 16:00	3	9	1	4	5	1	15.5	47	2.7	26	19
23/06/24 17:00	4	11	1	6	7	0	14.7	50	2.3	20	20
23/06/24 18:00	2	11	1	9	10	1	13.2	54	2.3	22	19
23/06/24 19:00	12	19	0	12	12	1	12.4	58	2.0	11	21
23/06/24 20:00	10	19	1	17	17	0	11.4	63	1.3	0	27
23/06/24 21:00	12	20	2	23	25	0	10.8	68	1.4	347	27
23/06/24 22:00	11	25	14	26	39	0	9.9	72	1.4	321	23
23/06/24 23:00	8	18	6	21	27	0	9.0	76	1.0	5	31
24/06/24 00:00	11	11	1	12	13	0	8.8	76	2.0	19	24
24/06/24 01:00	7	16	0	7	7	1	8.9	77	2.7	15	22
24/06/24 02:00	4	11					8.5	79	2.6	24	21
24/06/24 03:00	6	13	0	7	7	1	8.3	80	2.3	19	22
24/06/24 04:00	7	13	0	6	6	1	8.2	80	2.6	17	23
24/06/24 05:00	8	12	0	6	6	1	8.3	80	2.7	14	23
24/06/24 06:00	6	15	1	12	13	1	8.2	80	2.6	356	27
24/06/24 07:00	5	18	7	23	30	1	7.9	81	2.3	357	26
24/06/24 08:00	6	17	28	28	55	1	7.7	81	1.8	348	28
24/06/24 09:00	10	23	27	25	52	1	8.2	78	2.1	6	24
24/06/24 10:00	7	21	15	20	35	1	10.0	70	2.3	4	26
24/06/24 11:00	3	22	11	14	25	1	11.4	66	3.5	4	25
24/06/24 12:00	6	24	5	9	13	1	12.2	63	4.0	15	21

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
24/06/24 13:00	7	19	3	8	11	1	13.4	57	4.0	15	23
24/06/24 14:00	4	18	3	9	12	1	13.0	58	3.3	10	23
24/06/24 15:00	2	23	2	10	13	1	13.1	57	3.1	11	24
24/06/24 16:00	3	16	2	11	13	1	13.1	58	3.3	4	25
24/06/24 17:00	-1	16	1	10	11	1	13.3	56	3.1	14	24
24/06/24 18:00	-1	14	1	10	11	1	12.7	59	3.0	24	21
24/06/24 19:00	3	9	0	11	11	1	12.2	60	3.0	22	19
24/06/24 20:00	3	12	0	11	12	1	11.6	59	2.4	14	21
24/06/24 21:00	0	12	0	11	12	1	11.3	62	2.7	10	21
24/06/24 22:00	1	12	1	13	14	1	11.2	68	3.2	18	21
24/06/24 23:00	1	9	0	8	9	1	11.7	68	3.4	15	20
25/06/24 00:00	0	13	1	11	12	1	11.3	70	1.9	350	26
25/06/24 01:00	0	20	1	14	15	1	11.0	73	2.1	350	26
25/06/24 02:00	2	8					11.3	73	3.0	359	28
25/06/24 03:00	6	6	0	5	6	1	11.5	74	3.1	358	25
25/06/24 04:00	3	7	0	5	5	1	11.4	74	3.5	4	24
25/06/24 05:00	1	10	0	6	6	1	11.7	72	3.3	7	24
25/06/24 06:00	1	10	1	11	12	1	11.2	74	1.9	8	24
25/06/24 07:00	3	15	3	16	18	1	11.0	75	1.8	2	24
25/06/24 08:00	2	21	10	21	31	1	11.0	75	2.3	4	22
25/06/24 09:00	2	23	8	17	25	1	11.3	72	3.1	9	22
25/06/24 10:00	3	20	5	11	16	1	12.1	68	4.1	13	22
25/06/24 11:00	3	21	5	7	12	2	12.9	63	4.0	13	22
25/06/24 12:00	2	18	4	8	13	1	13.4	60	3.1	6	25
25/06/24 13:00	-1	20	6	10	16	2	14.8	54	3.0	6	27
25/06/24 14:00	1	22	4	7	11	2	16.3	48	3.7	10	26
25/06/24 15:00	1	22	3	6	10	1	16.9	46	3.6	14	26
25/06/24 16:00	-1	20	2	6	9	1	16.9	47	3.8	22	20
25/06/24 17:00	-2	13	2	9	11	1	16.4	49	3.8	27	19
25/06/24 18:00	0	12	1	10	11	1	15.5	54	3.3	23	19
25/06/24 19:00	3	7	0	9	9	1	15.2	57	3.5	25	17
25/06/24 20:00	1	15	0	7	7	1	15.2	57	3.6	28	17
25/06/24 21:00	1	12	0	9	9	1	14.5	57	2.8	37	16
25/06/24 22:00	1	13	0	10	11	1	13.9	57	2.1	13	22
25/06/24 23:00	0	11	0	14	14	1	13.4	56	2.3	13	22
26/06/24 00:00	2	8	0	10	10	1	13.0	56	1.7	3	25
26/06/24 01:00	0	10	0	7	7	1	12.7	59	2.2	23	23
26/06/24 02:00	1	7					12.8	58	3.4	8	22
26/06/24 03:00	2	9	1	8	9	1	12.6	58	2.5	352	25
26/06/24 04:00	1	9	2	12	14	1	12.1	60	1.9	351	25
26/06/24 05:00	0	6	1	12	13	1	12.0	62	2.3	336	23
26/06/24 06:00	0	7	3	17	20	1	11.7	65	1.7	329	30
26/06/24 07:00	1	11	4	21	25	1	11.5	67	1.6	339	25
26/06/24 08:00	3	14	5	23	28	1	11.2	69	2.0	349	28
26/06/24 09:00	1	16	10	23	33	1	11.4	69	2.1	335	31
26/06/24 10:00	0	19	14	18	33	1	12.4	64	2.2	332	34
26/06/24 11:00	-2	15	6	10	17	1	12.9	63	2.9	324	29

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
26/06/24 12:00	-2	24	4	8	12	1	13.6	58	4.3	311	22
26/06/24 13:00	0	16	3	6	9	1	14.0	56	4.1	315	24
26/06/24 14:00	2	11	3	7	11	1	14.3	55	3.6	312	21
26/06/24 15:00	1	12	3	8	11	1	14.6	51	4.5	306	16
26/06/24 16:00	-2	9	2	9	12	1	14.9	50	3.8	308	18
26/06/24 17:00	-1	7	2	11	13	1	14.4	54	4.2	309	15
26/06/24 18:00	1	12	3	22	25	1	13.6	59	2.5	309	19
26/06/24 19:00	3	15	3	23	26	1	13.2	62	1.8	327	31
26/06/24 20:00	5	17	6	24	31	1	12.6	65	1.5	347	32
26/06/24 21:00	5	24	8	26	34	1	12.3	67	1.5	334	32
26/06/24 22:00	5	16	4	22	26	1	11.9	70	1.6	332	32
26/06/24 23:00	2	11	2	17	19	1	11.6	72	1.7	330	34
27/06/24 00:00	3	9	1	16	17	1	11.5	73	2.2	325	28
27/06/24 01:00	3	13	1	12	13	1	12.0	72	2.4	321	24
27/06/24 02:00	4	9					11.7	73	1.7	348	29
27/06/24 03:00	2	8	0	8	8	1	11.8	74	1.5	359	26
27/06/24 04:00	0	5	0	9	9	1	11.7	77	1.2	354	31
27/06/24 05:00	0	4	3	13	16	1	11.4	80	1.5	347	26
27/06/24 06:00	0	6	19	24	43	1	11.0	81	1.1	334	32
27/06/24 07:00	1	17	36	26	62	1	10.9	83	1.5	355	20
27/06/24 08:00	2	15	44	27	70	1	10.6	84	1.5	0	23
27/06/24 09:00	2	18	59	26	85	2	11.2	79	1.4	334	26
27/06/24 10:00	5	19	43	23	66	2	12.4	69	2.1	313	18
27/06/24 11:00	2	15	7	11	18	2	13.6	60	3.0	293	16
27/06/24 12:00	-2	18	3	7	11	1	14.4	56	3.8	283	14
27/06/24 13:00	0	9	2	6	8	1	14.9	54	3.5	284	15
27/06/24 14:00	2	13	2	6	8	1	15.3	52	3.4	278	15
27/06/24 15:00	3	13	2	6	7	1	15.6	51	3.8	270	10
27/06/24 16:00	3	15	2	10	12	1	15.6	52	3.1	271	10
27/06/24 17:00	0	15	2	17	19	1	15.5	51	2.5	285	14
27/06/24 18:00	0	23	15	35	49	2	14.6	53	1.8	301	11
27/06/24 19:00	4	26	25	34	59	2	13.8	55	1.2	310	19
27/06/24 20:00	6	33	40	33	74	3	12.8	60	1.3	327	18
27/06/24 21:00	7	22	28	33	61	3	12.2	64	1.4	336	21
27/06/24 22:00	5	19	17	30	46	2	11.7	66	1.5	349	27
27/06/24 23:00	3	9	2	18	21	1	11.0	71	1.9	356	26
28/06/24 00:00	2	10	1	16	18	1	10.3	76	2.2	358	23
28/06/24 01:00	0	9	1	14	15	1	10.1	77	2.2	355	24
28/06/24 02:00	1	6					9.9	77	1.8	346	29
28/06/24 03:00	3	6	0	8	9	1	9.8	80	2.4	4	23
28/06/24 04:00	1	9	0	8	8	2	10.1	82	2.4	2	23
28/06/24 05:00	0	6	0	8	9	1	10.4	83	2.4	3	25
28/06/24 06:00	3	10	1	13	14	1	11.1	79	2.6	3	26
28/06/24 07:00	3	8	3	18	21	1	11.3	77	2.9	4	24
28/06/24 08:00	6	16	6	22	28	1	12.0	75	2.9	4	22
28/06/24 09:00	4	13	9	20	29	2	12.5	72	2.7	354	28
28/06/24 10:00	2	23	12	17	28	2	13.4	68	3.3	359	27

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
28/06/24 11:00	1	28	7	10	16	2	14.4	66	4.1	4	24
28/06/24 12:00	0	17	6	9	14	2	15.4	61	3.7	4	25
28/06/24 13:00	0	19	5	8	13	2	16.1	57	3.5	1	27
28/06/24 14:00	-1	23	4	7	12	2	16.8	53	4.2	7	22
28/06/24 15:00	-1	28	4	7	11	1	17.2	53	4.2	9	24
28/06/24 16:00	2	20	3	10	13	2	16.5	55	4.1	13	22
28/06/24 17:00	3	20	2	10	11	1	16.4	53	4.1	11	22
28/06/24 18:00	2	16	1	9	10	1	16.2	51	3.4	15	24
28/06/24 19:00	-1	14	0	9	10	1	16.1	48	3.7	9	22
28/06/24 20:00	2	19	0	8	8	1	16.3	47	4.4	10	22
28/06/24 21:00	1	10	0	8	8	1	16.2	47	4.0	5	23
28/06/24 22:00	-2	22	0	6	6	1	16.3	44	4.9	10	22
28/06/24 23:00	-1	25	0	4	4	1	16.0	45	4.9	5	24
29/06/24 00:00	0	22	0	5	6	1	15.9	45	4.6	358	26
29/06/24 01:00	0	25	0	4	4	1	15.6	46	5.1	5	24
29/06/24 02:00	3	15					15.2	46	3.3	347	30
29/06/24 03:00	2	14	0	6	6	1	15.2	46	3.1	345	33
29/06/24 04:00	1	11	1	7	7	1	15.0	47	3.4	345	33
29/06/24 05:00	0	9	1	6	7	1	14.5	50	3.4	348	31
29/06/24 06:00	0	15	0	5	5	1	14.1	51	4.5	7	22
29/06/24 07:00	0	10	0	4	4	1	13.9	52	4.4	9	22
29/06/24 08:00	0	14	0	5	5	1	13.7	52	4.3	5	22
29/06/24 09:00	2	13	1	11	12	1	13.6	53	3.0	359	26
29/06/24 10:00	1	15	2	11	13	1	13.3	57	2.7	3	27
29/06/24 11:00	-1	11	5	14	19	1	12.1	71	1.5	329	33
29/06/24 12:00	0	7	17	18	35	1	11.7	81	1.5	354	27
29/06/24 13:00	2	10	11	17	28	1	11.3	87	1.5	331	27
29/06/24 14:00	1	10	5	13	18	1	11.0	91	2.0	293	16
29/06/24 15:00	1	11	2	13	15	1	11.4	83	1.7	307	17
29/06/24 16:00	3	15	6	24	30	1	11.3	86	1.6	346	23
29/06/24 17:00	4	15	4	23	28	1	11.3	84	1.4	347	24
29/06/24 18:00	7	18	12	30	43	1	11.2	85	1.2	336	24
29/06/24 19:00	10	16	6	25	31	2	11.3	84	1.3	311	14
29/06/24 20:00	6	16	2	9	10	1	11.4	84	4.7	234	7
29/06/24 21:00	3	13	1	12	13	1	10.5	92	5.0	244	6
29/06/24 22:00	0	14	1	10	11	1	10.4	90	3.8	250	7
29/06/24 23:00	3	14	2	15	17	1	10.3	88	3.4	265	8
30/06/24 00:00	4	11	2	14	16	2	10.1	85	4.1	253	8
30/06/24 01:00	4	14	4	17	21	2	9.9	83	5.3	248	8
30/06/24 02:00	6	8					9.9	84	5.3	237	6
30/06/24 03:00	5	9	2	11	13	2	9.6	85	5.1	245	8
30/06/24 04:00	3	14	4	13	16	2	9.1	84	5.2	243	7
30/06/24 05:00	2	15	3	6	9	2	9.3	84	5.3	243	7
30/06/24 06:00	0	9	1	8	9	2	9.1	84	5.5	236	7
30/06/24 07:00	2	9	6	9	15	2	8.9	87	5.2	243	7
30/06/24 08:00	6	10	1	10	11	2	8.4	87	4.7	247	7
30/06/24 09:00	4	12	2	11	13	2	8.3	86	4.6	249	8

Station Pier Ambient Air Quality Monitoring

June 2024

1-Hour Data

Date/Time	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 (°)
30/06/24 10:00	0	16	1	5	6	2	9.1	87	5.0	233	7
30/06/24 11:00	1	10	0	2	3	1	10.5	83	4.6	205	11
30/06/24 12:00	1	20	0	1	1	2	11.7	73	3.9	188	13
30/06/24 13:00	2	17	0	2	2	2	11.9	71	4.2	193	8
30/06/24 14:00	2	15	0	1	1	1	12.5	67	5.6	194	8
30/06/24 15:00	-1	9	0	1	1	2	11.7	74	5.6	199	8
30/06/24 16:00	-1	15	0	1	1	1	11.7	76	3.8	184	14
30/06/24 17:00	1	14	0	1	1	1	11.2	78	3.1	187	13
30/06/24 18:00	1	11	0	1	1	1	10.7	83	3.6	206	7
30/06/24 19:00	3	11	0	1	1	1	10.8	83	4.3	212	6
30/06/24 20:00	2	10	0	1	1	1	11.2	75	4.2	194	9
30/06/24 21:00	1	18	0	1	1	1	11.1	73	3.5	182	16
30/06/24 22:00	0	14	0	2	2	1	10.8	75	3.0	159	17
30/06/24 23:00	2	11	0	1	1	2	10.8	76	3.2	173	20
01/07/24 00:00	2	12	0	0	0	1	10.9	75	4.2	191	10

Station Pier Ambient Air Quality Monitoring

June 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 (°)
01/06/24 00:00	3	20	4	11	15	1	11.7	76	0.8	210	15
02/06/24 00:00	2	16	2	5	7	1	12.4	73	2.1	172	17
03/06/24 00:00	1	10	2	8	10	2	11.9	78	3.5	245	9
04/06/24 00:00	3	17	14	20	33	2	12.0	70	1.3	300	16
05/06/24 00:00	5	17	7	10	17	1	12.9	76	1.3	217	15
06/06/24 00:00	4	20	10	12	22	1	13.5	82	1.3	169	17
07/06/24 00:00	0	10	1	5	6	1	13.3	88	2.6	149	16
08/06/24 00:00	2	12	1	7	8	1	13.1	87	1.1	186	13
09/06/24 00:00	2	11	1	8	10	1	13.1	80	1.5	246	13
10/06/24 00:00	3	13	9	12	21	2	12.2	70	2.3	360	21
11/06/24 00:00	2	13	3	10	13	2	14.1	73	3.3	333	19
12/06/24 00:00	4	19	1	4	4	1	12.3	76	6.7	232	7
13/06/24 00:00	5	17	19	24	43	2	10.3	89	1.4	266	16
14/06/24 00:00	15	28	41	22	63	1	10.9	87	0.3	145	18
15/06/24 00:00	9	28	35	12	46	1	10.6	84	1.7	130	17
16/06/24 00:00	3	16	2	7	9	1	11.4	78	3.9	215	9
17/06/24 00:00	4	20	14	12	27	1	11.7	74	1.5	191	11
18/06/24 00:00	8	29	44	21	66	2	10.1	72	0.2	36	16
19/06/24 00:00	11	27	30	20	50	1	8.4	69	1.3	20	20
20/06/24 00:00	7	20	8	14	22	1	10.1	69	1.1	111	15
21/06/24 00:00	8	24	38	16	54	1	10.5	80	1.5	229	11
22/06/24 00:00	4	14	15	15	30	2	10.9	81	0.6	186	15
23/06/24 00:00	12	21	18	16	35	1	9.9	73	1.2	16	21
24/06/24 00:00	4	16	5	12	17	1	10.6	69	2.8	11	23
25/06/24 00:00	1	15	2	10	12	1	13.4	62	3.0	12	23
26/06/24 00:00	1	13	4	15	19	1	12.7	62	2.4	327	26
27/06/24 00:00	2	15	15	19	34	1	12.8	66	1.8	311	21
28/06/24 00:00	1	16	3	10	13	1	14.0	62	3.5	5	24
29/06/24 00:00	2	13	4	13	17	1	12.5	70	2.0	326	21
30/06/24 00:00	2	13	1	5	6	1	10.4	80	4.0	216	10

Valid Data Exception Table

June 2024

GHD Station Pier

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/06/24 00:00	01/07/24 00:00	Static offset of +0.9 ppb applied to correct SO ₂ baseline	SO ₂	AA	15/07/24
01/06/24 01:00	30/06/24 02:00	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	15/07/24
01/06/24 23:45	30/06/24 23:50	Automatic background checks from 23:45 to 23:50 every night	SO ₂	AA	15/07/24
02/06/24 10:35	02/06/24 10:40	Unrealistic negative readings	NO, NO ₂ , NO _x	AA	15/07/24
05/06/24 08:00	05/06/24 12:10	Scheduled monthly maintenance followed by instrument stabilisation	All parameters	AA	15/07/24
06/06/24 02:00	07/06/24 00:55	Linear offset A= 0 ppb and B = +1 ppb applied to correct baseline	SO ₂	AA	15/07/24

Kunak VIC 6

Start Date	End Date	Reason	Change Details	User Name	Change Date
05/06/24 08:15	05/06/24 08:15	Scheduled monthly maintenance	All parameters	AA	15/07/24
10/06/24 23:20	10/06/24 23:35	Instrument fault - Possible power interruption followed by instrument stabilisation	All parameters	AA	15/07/24
21/06/24 23:10	28/06/24 17:00	Intermittent instrument fault - Data transmission error	All parameters	AA	15/07/24

Kunak VIC 7- 40 Beacon Vista

Start Date	End Date	Reason	Change Details	User Name	Change Date
21/06/24 22:50	21/06/24 23:00	Intermittent instrument fault - Data transmission error	SO ₂ , NO ₂ and O ₃	AA	15/07/24

Kunak VIC 8 - Site 2

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/06/24 00:00	01/07/24 00:00	Sensor powered up in workshop after repair, testing before data collection begins	Nil	AA	15/07/24

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



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