



Station Pier Air Quality Monitoring Program

**Air Quality Monitoring Report – August
2024**

Ports Victoria

30 September 2024

→ **The Power of Commitment**



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Contents

Glossary of terms	1
1. Introduction	3
1.1 Scope of work	4
1.2 Limitations	4
1.3 Assumptions	4
2. Monitoring overview	5
2.1 Air pollution assessment criteria	6
3. Data analysis	7
3.1 PM ₁₀	7
3.2 PM _{2.5}	8
3.3 NO ₂	9
3.4 SO ₂	10
3.5 Summary	12

Table index

Table 1	Scope of air quality monitoring program (AQMP)	4
Table 2	APACs relevant to the monitoring plan	6
Table A.1	APACs relevant to the monitoring plan	16
Table B.1	Summary of monitoring equipment and pollutants measured	18
Table B.2	AQMS data availability and quality	20
Table B.3	Comparison between 24-hour average PM ₁₀ Station Pier observations and local EPA station observations	35
Table B.4	Comparison between 24-hour average PM _{2.5} Station Pier observations and local EPA Stations observations	36
Table B.5	Vessels present at Station Pier during August 2024	40
Table B.6	Comparison of average concentration against vessel presence	40
Table C.1	Monthly average PM ₁₀ concentrations (µg/m ³)	45
Table C.2	Monthly average PM _{2.5} concentrations (µg/m ³)	47
Table C.3	Monthly NO ₂ concentrations (ppb)	49

Figure index

Figure 1	Air quality monitoring program location	3
Figure 2	24-hour average PM ₁₀ concentrations (µg/m ³) at Station Pier and local EPA stations (August 2024) (criteria: 50 µg/m ³)	7
Figure 3	24-hour average PM _{2.5} concentrations (µg/m ³) at Station Pier and local EPA stations (August 2024) (criteria: 25 µg/m ³)	8

Figure 4	Hourly average NO ₂ concentrations (ppb) at Station Pier and local EPA stations (August 2024) (criteria: 80 ppb)	9
Figure 5	Hourly average SO ₂ concentrations (ppb) at Station Pier and local EPA Station (August 2024) (criteria: 75 ppb)	10
Figure 6	24-hour average SO ₂ concentrations (ppb) at Station Pier and local EPA Station (August 2024) (criteria: 20 ppb)	11
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	15
Figure B.1	Photograph of AQMS	18
Figure B.2	August 2024 windrose at Station Pier	22
Figure B.3	August 2024 temperature observations at Station Pier	23
Figure B.4	August 2024 relative humidity observations at Station Pier	23
Figure B.5	August 2024 sigma observations at Station Pier	24
Figure B.6	24-hour average PM ₁₀ concentrations (µg/m ³) at Station Pier (August 2024) (criteria: 50 µg/m ³)	25
Figure B.7	Hourly average PM ₁₀ concentration (µg/m ³) by wind direction (August 2024)	26
Figure B.8	Hourly average PM ₁₀ concentration (µg/m ³) pollution roses (August 2024)	26
Figure B.9	24-hour average PM _{2.5} concentrations (µg/m ³) at Station Pier (August 2024) (criteria: 25 µg/m ³)	27
Figure B.10	Hourly average PM _{2.5} concentration (µg/m ³) by wind direction (August 2024)	28
Figure B.11	Hourly average PM _{2.5} concentration (µg/m ³) pollution roses (August 2024)	28
Figure B.12	Hourly average NO ₂ concentrations (ppb) at Station Pier (August 2024) (criteria: 80 ppb)	29
Figure B.13	Hourly average NO ₂ concentration (ppb) by wind direction (August 2024)	30
Figure B.14	Hourly average NO ₂ concentration (ppb) pollution roses (August 2024)	30
Figure B.15	Hourly average SO ₂ concentrations (ppb) at Station Pier (August 2024) (criteria: 75 ppb)	31
Figure B.16	Hourly average SO ₂ concentration (ppb) by wind direction (August 2024)	32
Figure B.17	Hourly average SO ₂ concentration (ppb) pollution roses (August 2024)	32
Figure B.18	24-hour average SO ₂ concentrations (ppb) at Station Pier (August 2024) (criteria: 20 ppb)	33
Figure B.19	24-hour average PM ₁₀ concentrations (µg/m ³) at Station Pier and local EPA stations (August 2024) (criteria: 50 µg/m ³)	35
Figure B.20	24-hour average PM _{2.5} concentrations (µg/m ³) at Station Pier and local EPA stations (August 2024) (criteria: 25 µg/m ³)	36
Figure B.21	Hourly average NO ₂ concentrations (ppb) at Station Pier and local EPA Station (August 2024) (criteria: 80 ppb)	37
Figure B.22	Hourly average SO ₂ concentrations (ppb) at Station Pier and local EPA stations (August 2024) (criteria: 75 ppb)	38
Figure B.23	24-hour average SO ₂ concentrations (ppb) at Station Pier and local EPA Station (August 2024) (criteria: 20 ppb)	39
Figure B.24	Number of vessels present compared against maximum concentration observations	40
Figure C.1	24-hour average PM ₁₀ concentrations (µg/m ³) at Station Pier and local EPA stations (December 2023 - August 2024) (criteria: 50 µg/m ³)	44
Figure C.2	Hourly average PM ₁₀ concentration (µg/m ³) by wind direction (December 2023 - August 2024)	45
Figure C.3	24-hour average PM _{2.5} concentrations (µg/m ³) at Station Pier and local EPA stations (December 2023 - August 2024) (criteria: 25 µg/m ³)	46
Figure C.4	Hourly average PM _{2.5} concentration (µg/m ³) by wind direction (December 2023 - August 2024)	47

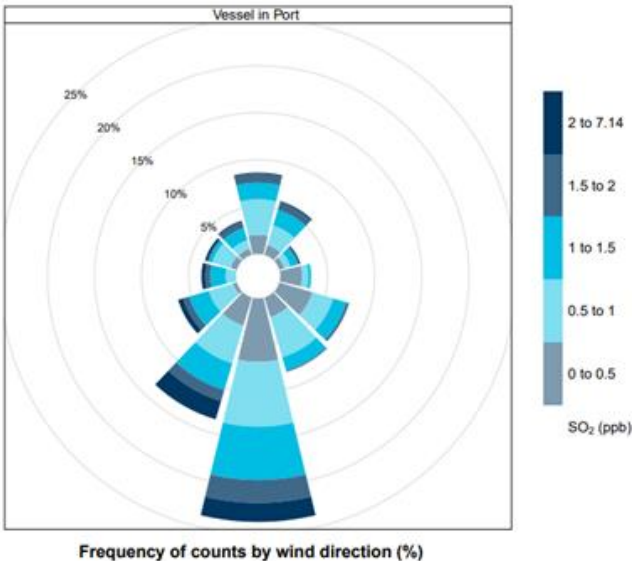
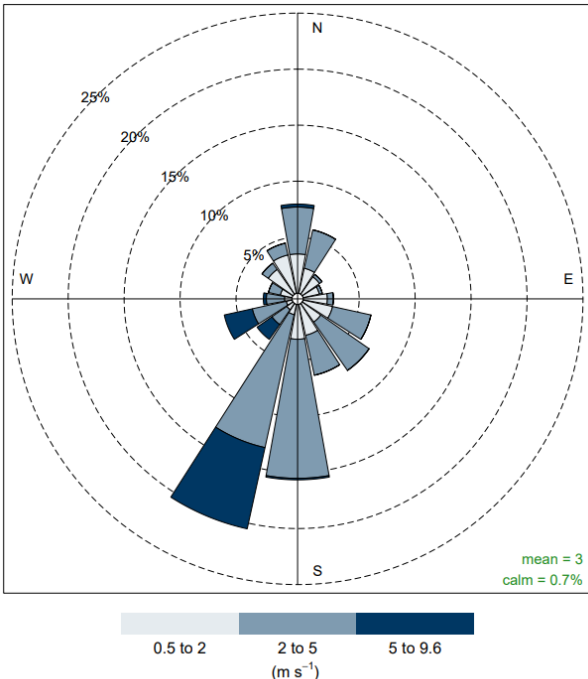
Figure C.5	Hourly average NO ₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - August 2024) (criteria: 80 ppb)	48
Figure C.6	Hourly average NO ₂ concentration (µg/m ³) by wind direction (December 2023 - August 2024)	49
Figure C.7	Hourly average SO ₂ concentrations (ppb) at Station Pier and local EPA Station (December 2023 - August 2024) (criteria: 75 ppb)	50
Figure C.8	Hourly average SO ₂ concentration (µg/m ³) by wind direction (December 2023 - August 2024)	51
Figure C.9	24-hour average SO ₂ concentrations (µg/m ³) at Station Pier and local EPA Station (December 2023 - August 2024) (criteria: 20 µg/m ³)	51

Appendices

Appendix A	Legislative context
Appendix B	Data analysis – August 2024
Appendix C	Data analysis – long term
Appendix D	August 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
	the length of the shading on the petals.  Frequency of counts by wind direction (%)
Sigma	Standard deviation of wind direction, can be used to calculate atmospheric stability
SEPP AQM	State Environment Protect Policy for Air Quality Management (replaced by ERS)
SO ₂	Sulphur dioxide
Vessel in port	Vessel berthed at Station Pier. Does not include vessels approaching or departing Station Pier.
Windrose	A wind rose illustrates the frequency of occurrence of winds of various speeds in each wind direction for a given month. The length of 'petal' in a direction corresponds to the frequency of wind blowing from that direction, while the colour within each 'petal' corresponds to the wind speeds. For example, in the wind rose below, winds from the South occur for approximately 16% of the time. Of that 16%, 3% of the wind speeds are between 0.5 to 2 m/s, 12% of the wind speeds are between 2 to 5 m/s and less than 1% of the wind speeds are between 5 to 9.6 m/s. This is indicated by the length of the shading on the petals.  Frequency of counts by wind direction (%)

1. Introduction

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

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

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

The location of the project is shown in Figure 1.

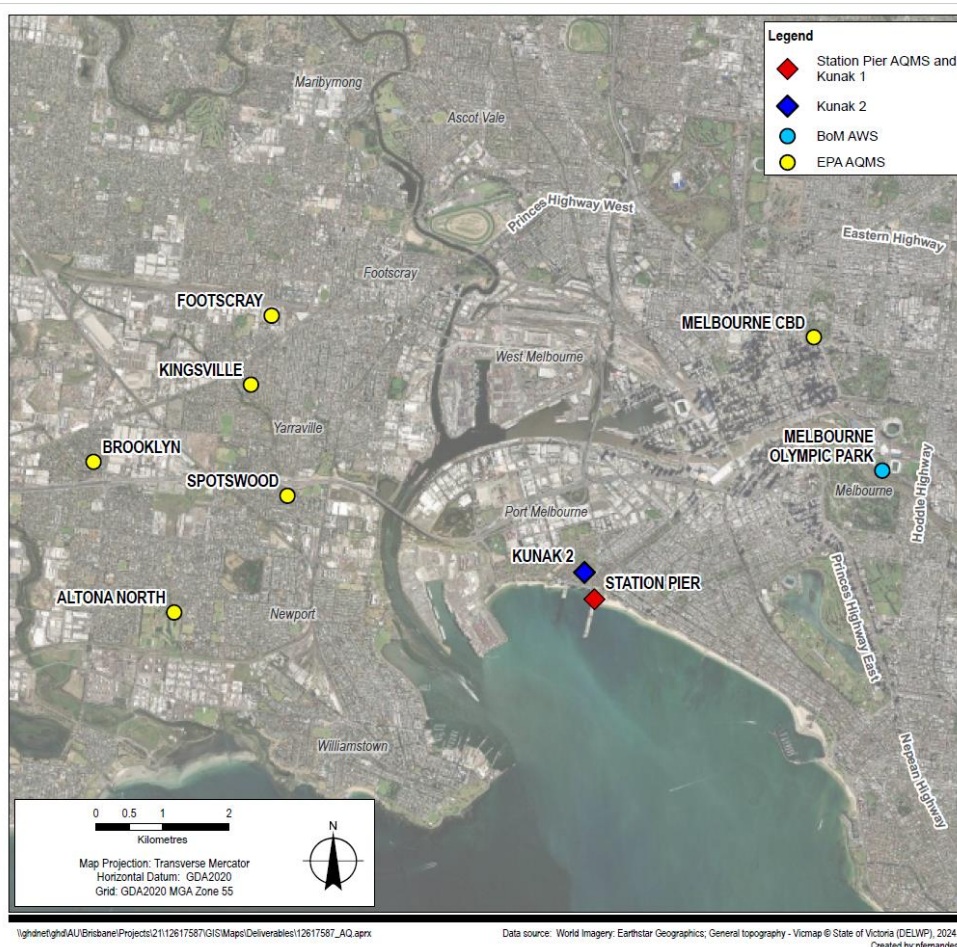


Figure 1 Air quality monitoring program location

1.1 Scope of work

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

Table 1 Scope of air quality monitoring program (AQMP)

Scope item no.	Scope of work	Description	Report section
1	Monitoring overview	An overview of the air quality monitoring monthly report.	Section 2
2	Legislative Context	Environmental values, air indicators and objectives that set the benchmark for the quality of the air environment needed to protect environmental values in Victoria.	Section 2.1 and Appendix A
3	Data analysis	Summary of monitoring findings for the month: - Direct comparison of measurement data to the assessment criteria summarised in Section 2.1.	Section 3
4	Data analysis – August 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 August 2024 to 31 August 2024. - Other impacts to air quality in the region.	Appendix B
5	Data analysis – Long term	Detailed analysis of data for the entire monitoring period, between 4 December 2024 and 31 August 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 August 2024 to 31 August 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 August 2024 are presented in Figure 2 which presents the 24-hour average PM₁₀ concentrations observed at Station Pier AQMS and local EPA Stations, compared against the adopted criterion. Hours during which a vessel was present in the port are highlighted.

Station Pier AQMS observations

All PM₁₀ concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded on this day was 40.1 $\mu\text{g}/\text{m}^3$, which is 20% below the criterion.

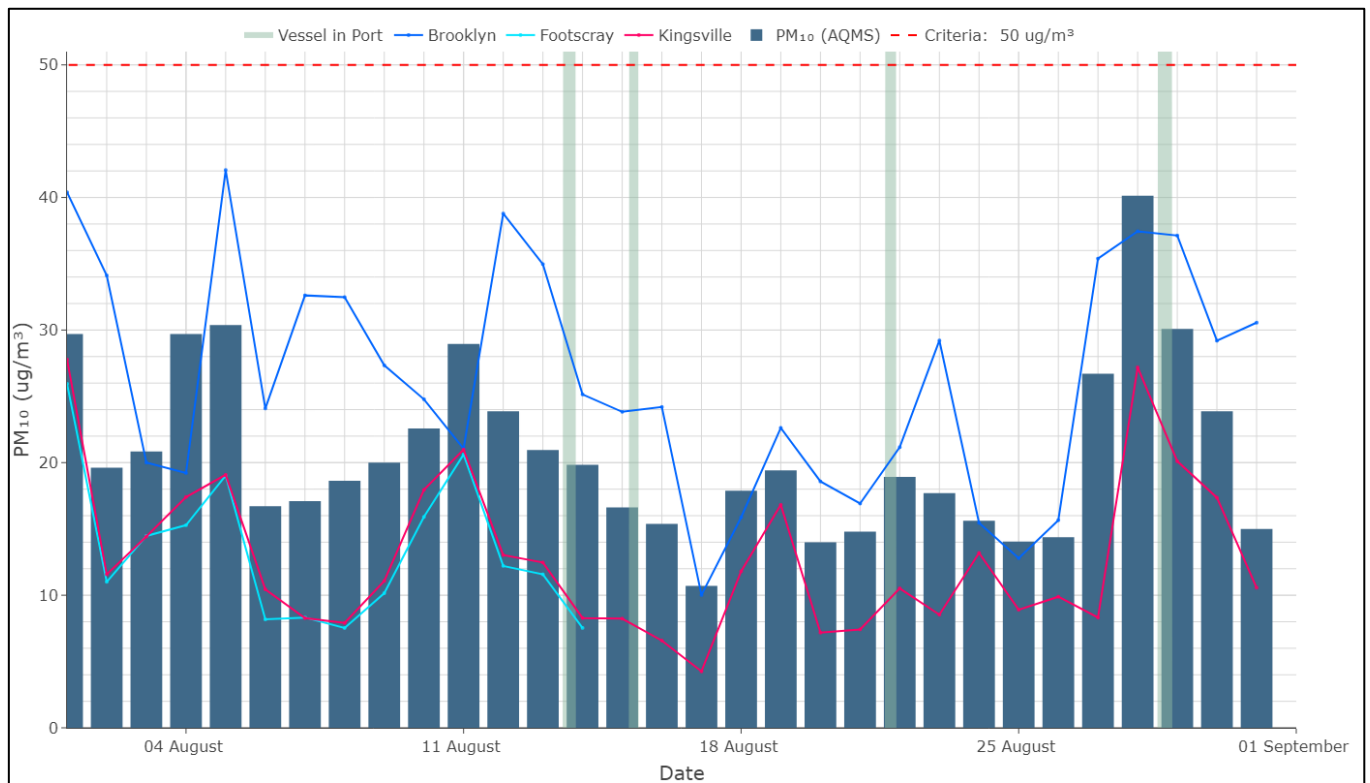


Figure 2 24-hour average PM₁₀ concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier and local EPA stations (August 2024) (criteria: 50 $\mu\text{g}/\text{m}^3$)

3.2 PM_{2.5}

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

Station Pier AQMS observations

All PM_{2.5} concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded on this day was 15.2 µg/m³, which was 39% below the criterion.

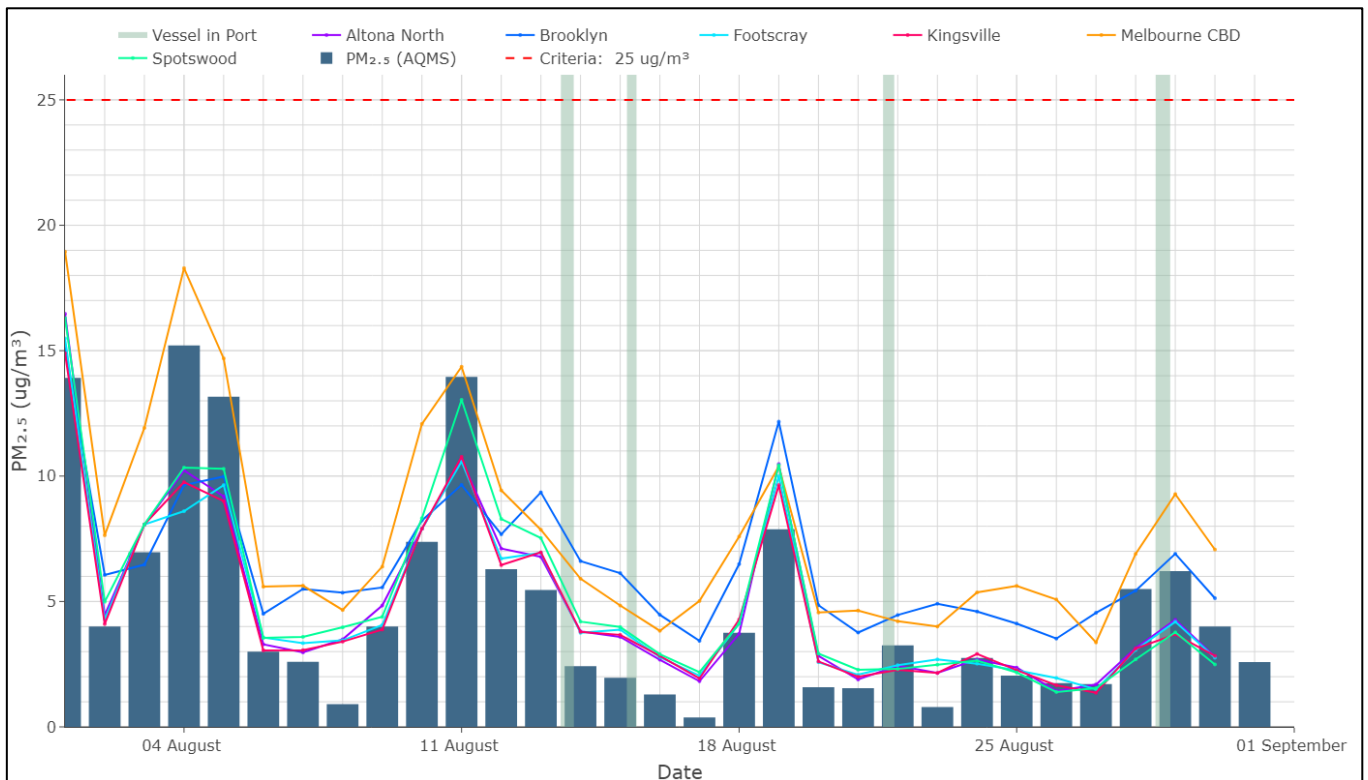


Figure 3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (August 2024) (criteria: 25 µg/m³)

3.3 NO₂

The hourly average NO₂ concentrations observed in August 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 40.9 ppb, which is 49% below the criterion.

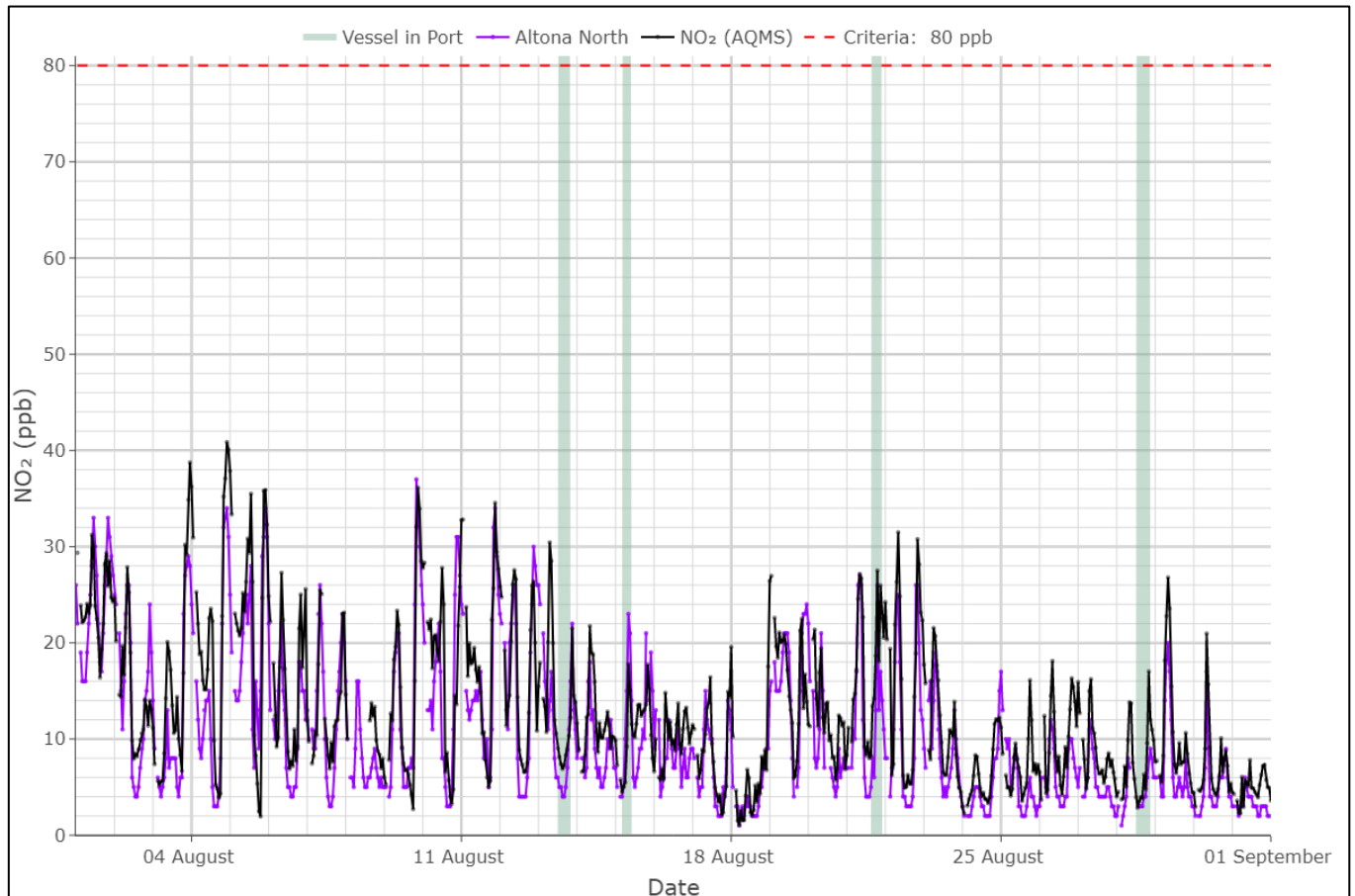


Figure 4 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (August 2024) (criteria: 80 ppb)

3.4 SO₂

The hourly and 24-hour average SO₂ concentrations observed in August 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 3.5 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 2.3 ppb, which is 89% below the criterion.

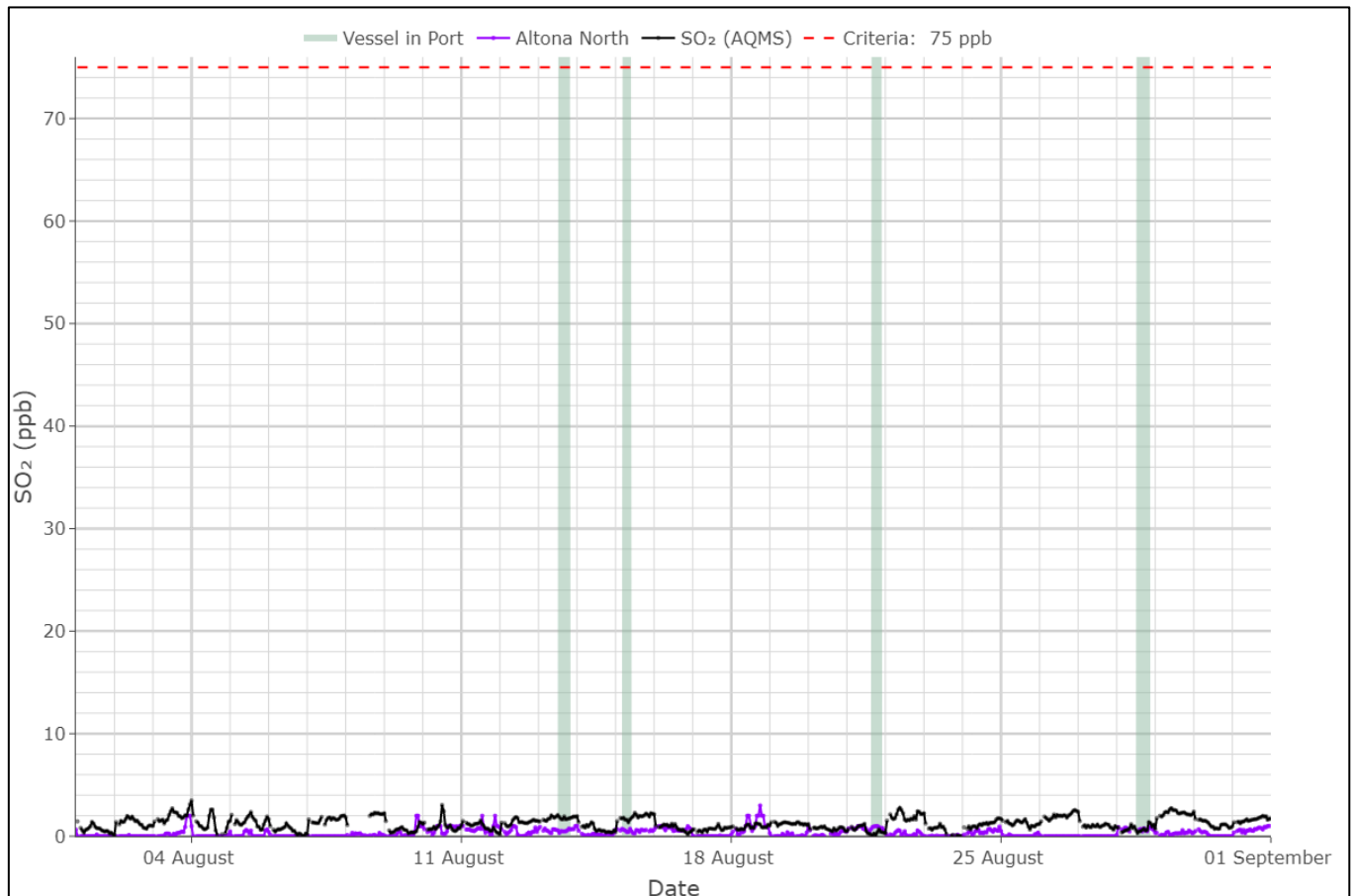


Figure 5 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA Station (August 2024) (criteria: 75 ppb)

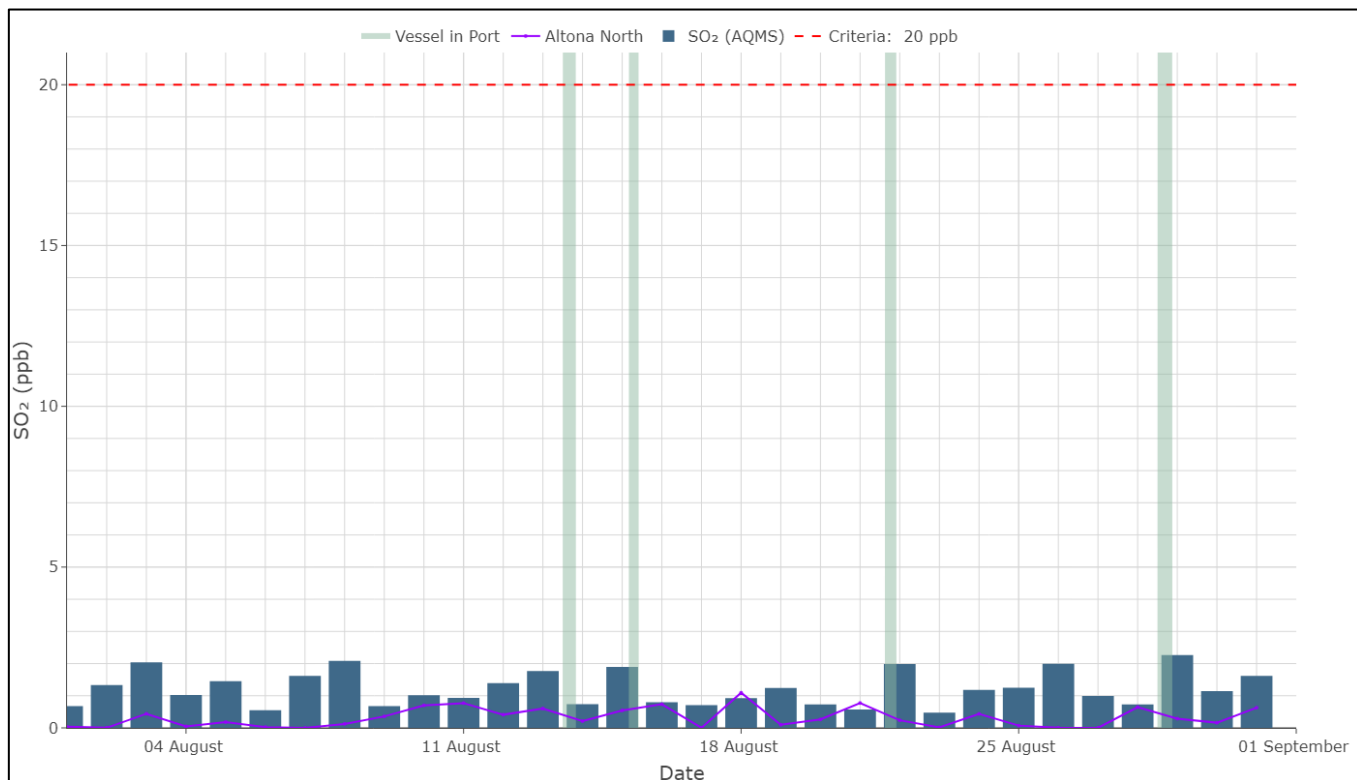


Figure 6 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA Station (August 2024) (criteria: 20 ppb)

3.5 Summary

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

Appendix A

Legislative context

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

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

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

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

A-2 Environment Reference Standard

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

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

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

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

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

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

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

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

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

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

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

A-3-1 Air Pollution Assessment Criteria

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

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

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

Table A.1 APACs relevant to the monitoring plan

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

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

Appendix B

Data analysis – August 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	

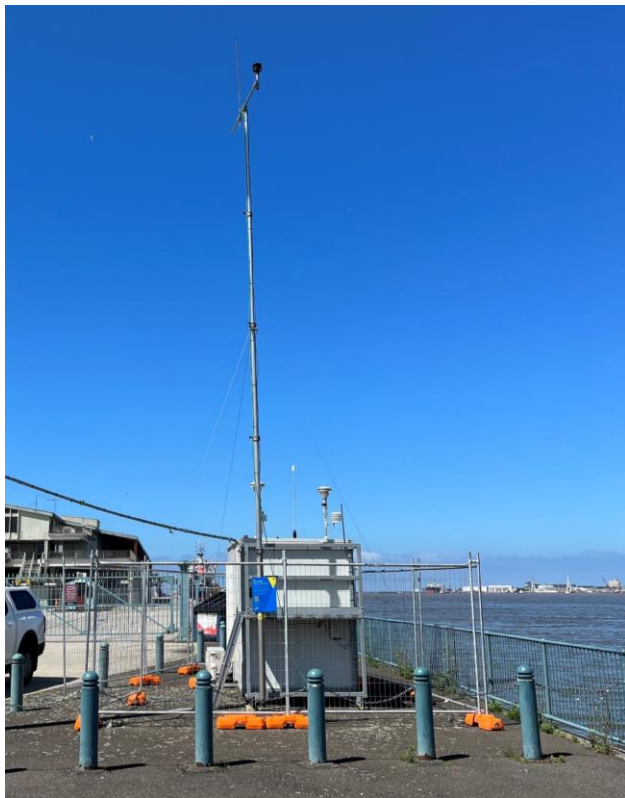


Figure B.1 Photograph of AQMS

B-1-2 Monitoring period

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

B-1-3 Data analysis

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

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

B-1-4 Data information

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

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

Table B.2 AQMS data availability and quality

Parameters	Units	Data availability (%) between 1 and 31 August 2024	Reason for missing data
PM ₁₀	µg/m ³	98%	– Scheduled monthly maintenance followed by instrument stabilisation. (7 August 07:15 to 10:00) – Instrument fault – possible power interruption followed by instrument stabilisation (8 August 01:00 to 14:10)
PM _{2.5}	µg/m ³	98%	– Scheduled monthly maintenance followed by instrument stabilisation. (7 August 07:15 to 10:00) – Instrument fault – possible power interruption followed by instrument stabilisation (8 August 01:00 to 14:10)
NO ₂	ppb	94%	– Scheduled monthly maintenance followed by instrument stabilisation. (7 August 07:15 to 10:00) – Instrument fault – possible power interruption followed by instrument stabilisation (8 August 01:00 to 14:10) – Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation (1 August 01:00 to 31 August 01:55) – Calibration checks and background checks were done remotely (8 August 14:15 to 14:40)
SO ₂	ppb	94%	– Scheduled monthly maintenance followed by instrument stabilisation. (7 August 07:15 to 10:00) – Instrument fault – possible power interruption followed by instrument stabilisation (8 August 01:00 to 14:10) – Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation (1 August 01:00 to 31 August 01:55) – Calibration checks and background checks were done remotely (8 August 14:15 to 14:40) – Automatic background checks every night between 23:45 and 23:50 (1 August 23:45 to 31 August 23:50). – Static offset of +1.0 ppb applied to correct SO₂ baseline (1 August 00:00 to 1 September 00:00)
Wind speed	m/s	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (7 August 07:15 to 10:00) – Instrument fault – possible power interruption followed by instrument stabilisation (8 August 01:00 to 14:10)
Wind direction	°	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (7 August 07:15 to 10:00) – Instrument fault – possible power interruption followed by instrument stabilisation (8 August 01:00 to 14:10)
Ambient temperature	°C	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (7 August 07:15 to 10:00) – Instrument fault – possible power interruption followed by instrument stabilisation (8 August 01:00 to 14:10)

Parameters	Units	Data availability (%) between 1 and 31 August 2024	Reason for missing data
Relative humidity	%	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (7 August 07:15 to 10:00) – Instrument fault – possible power interruption followed by instrument stabilisation (8 August 01:00 to 14:10)
Sigma	°	99%	– Scheduled monthly maintenance followed by instrument stabilisation. (7 August 07:15 to 10:00) – Instrument fault – possible power interruption followed by instrument stabilisation (8 August 01:00 to 14:10)

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 August 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 25% of all incident winds, followed by winds from the north-northeast (18%) and the north-northwest (15%).
- The average wind speed is at 2.6 m/s.
- Calms (wind speeds less than 0.5 m/s) occur 3.5% of the time.
- Winds from the west to northwest each occur between 5 and 10% of the time.
- Winds from the northeast to the west-southwest each occurred for less than 5% of the time.

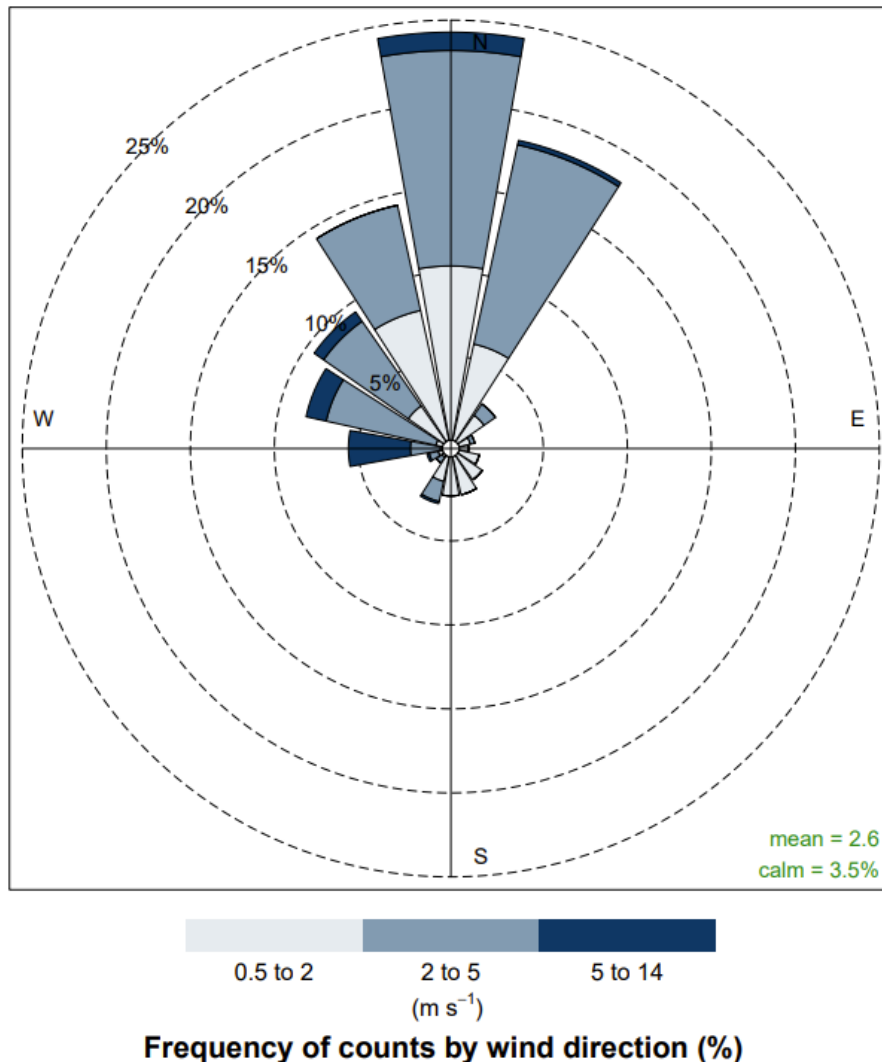


Figure B.2 August 2024 windrose at Station Pier

B-2-2 Other meteorological parameters

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

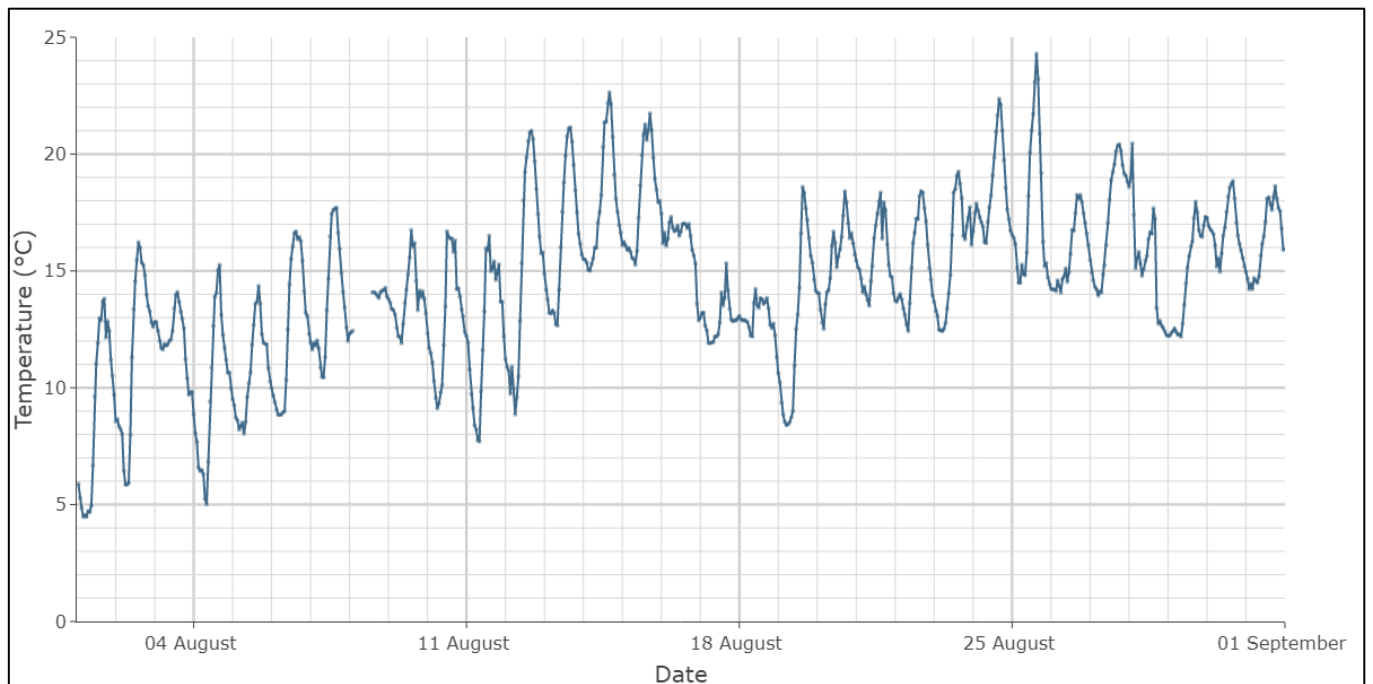


Figure B.3 August 2024 temperature observations at Station Pier

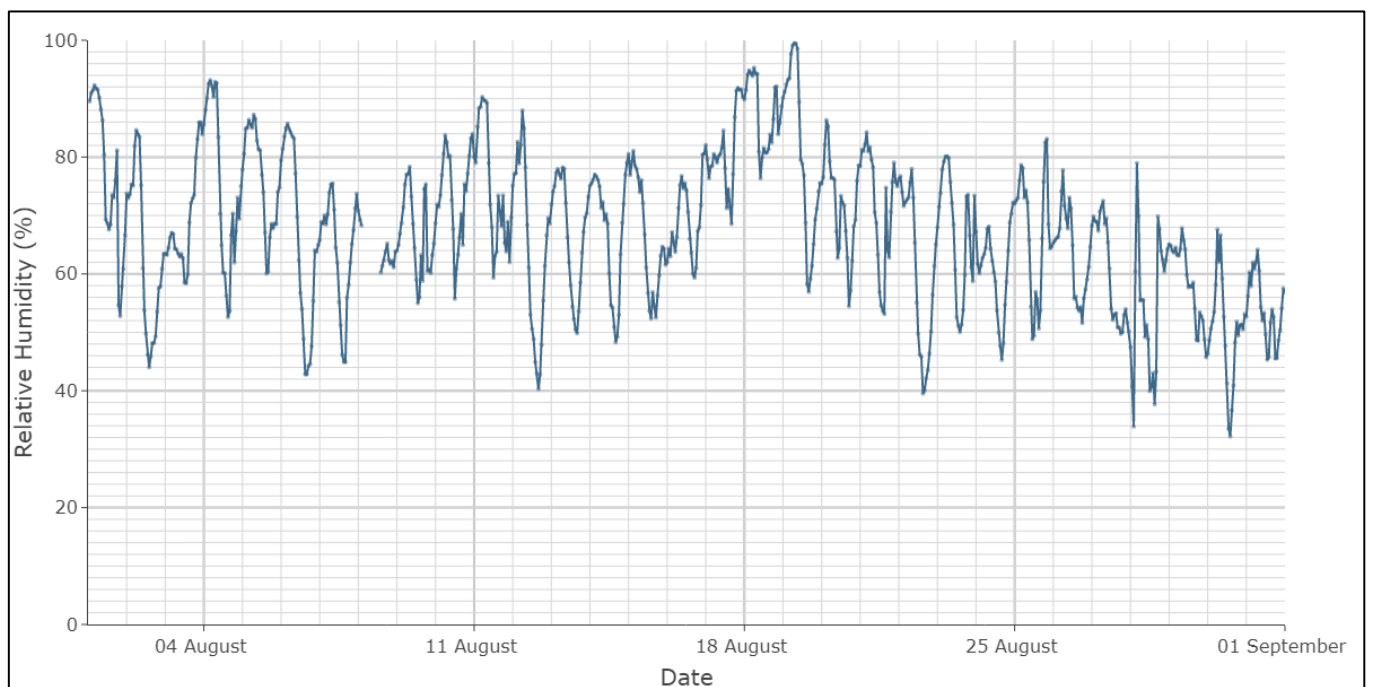


Figure B.4 August 2024 relative humidity observations at Station Pier

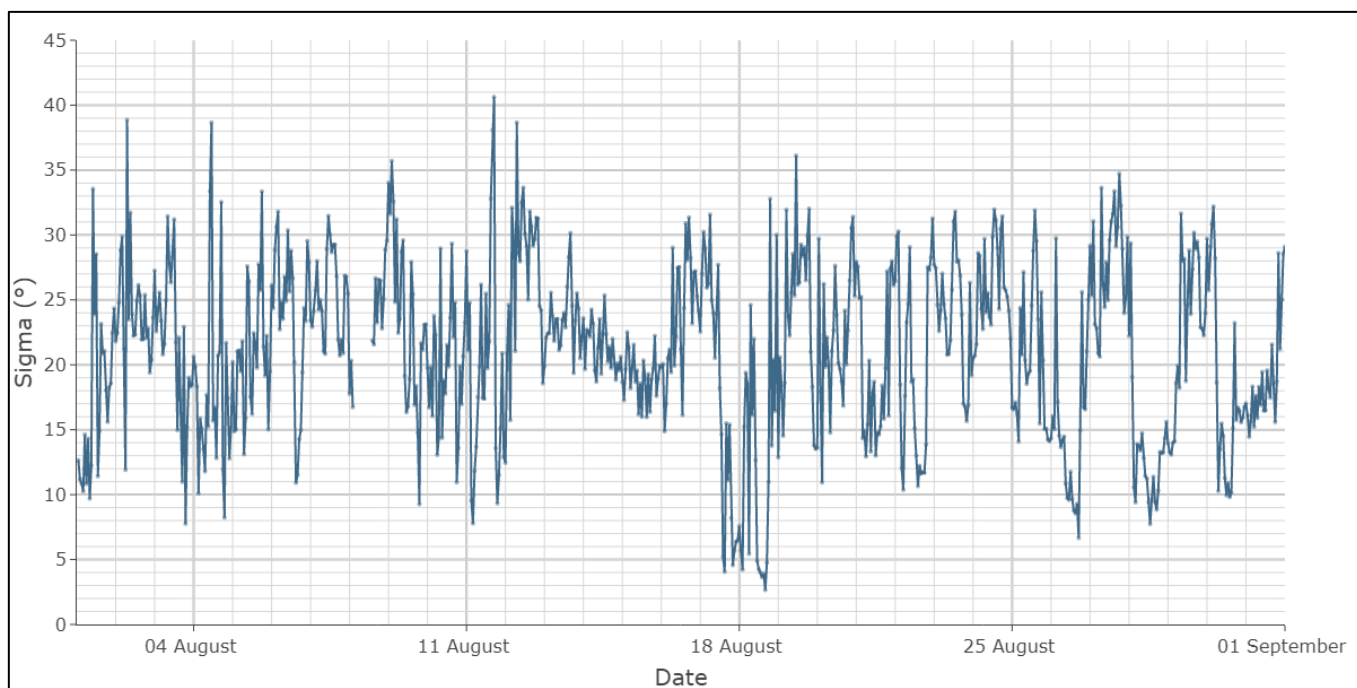


Figure B.5 *August 2024 sigma observations at Station Pier*

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.

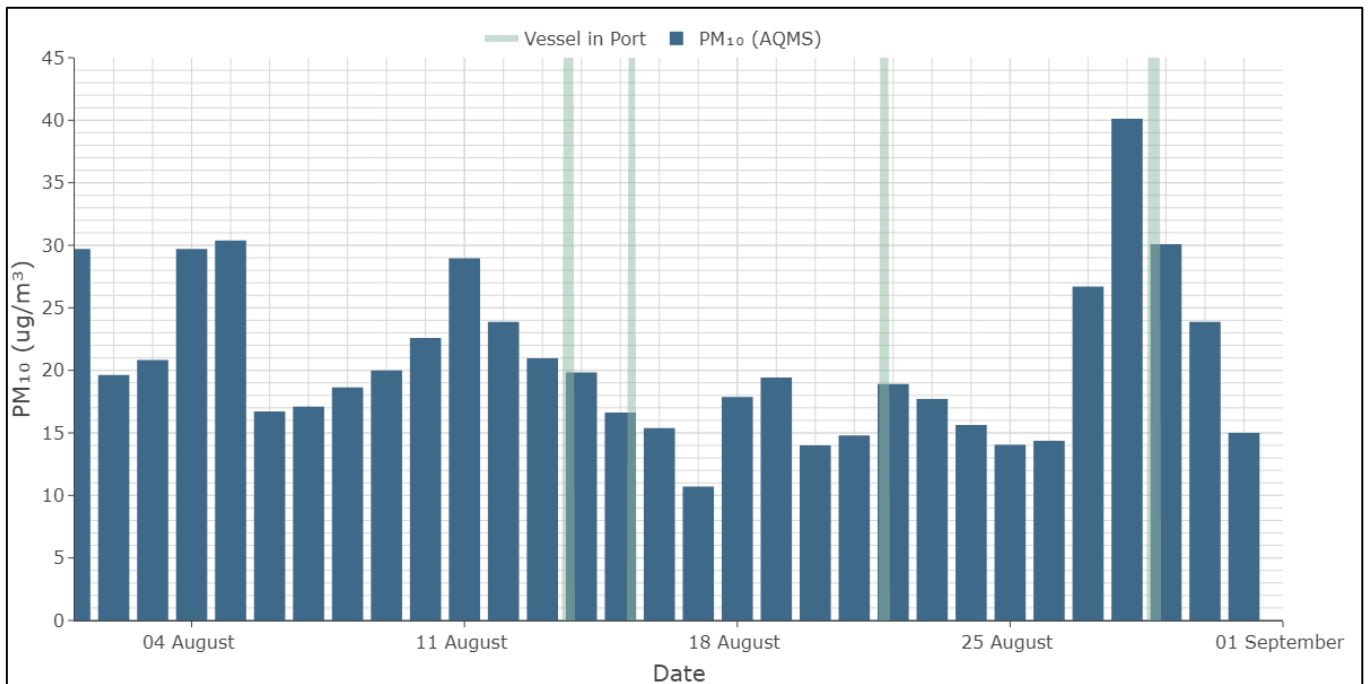


Figure B.6 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier (August 2024) (criteria: 50 µg/m³)

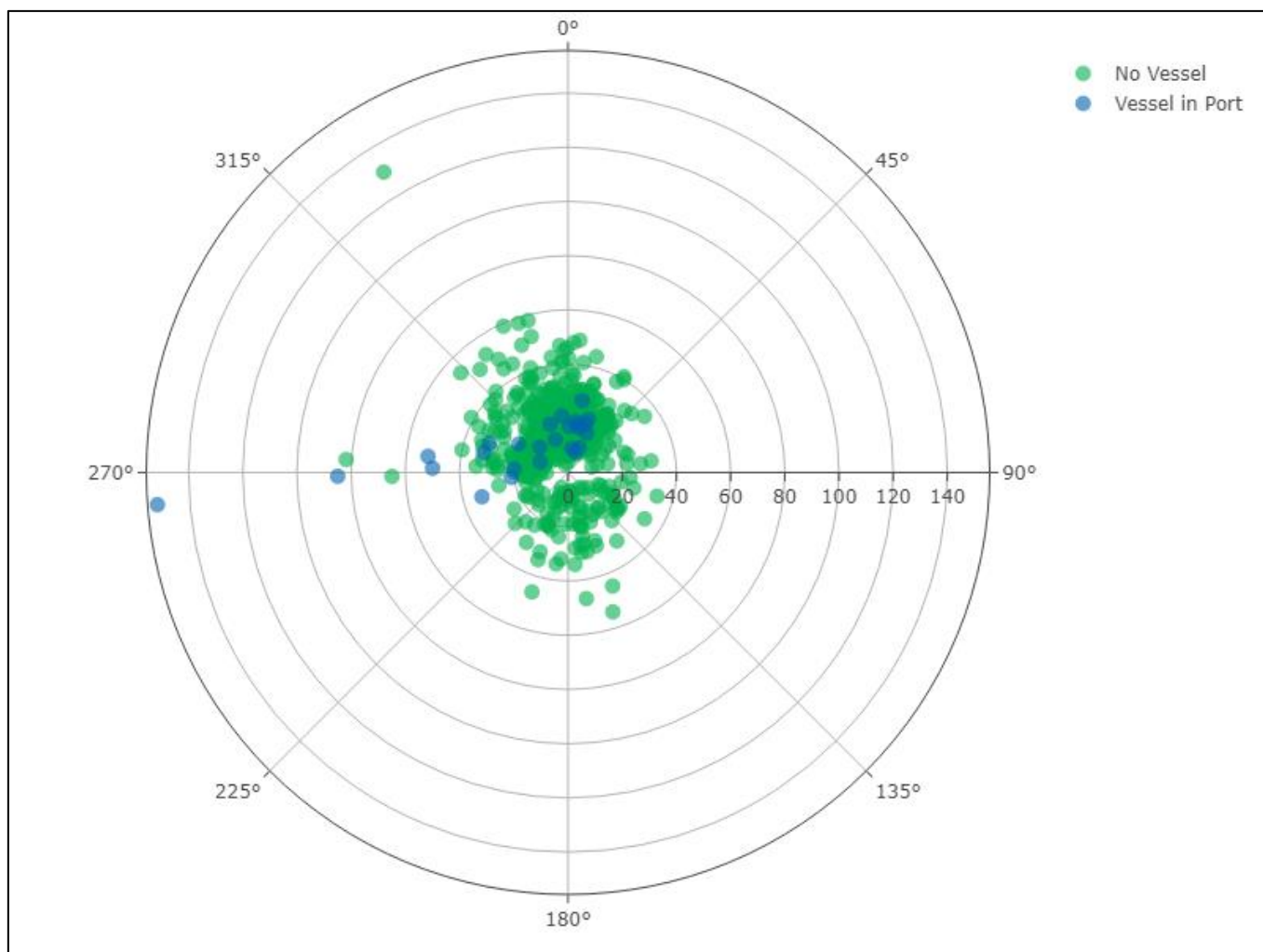


Figure B.7 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) by wind direction (August 2024)

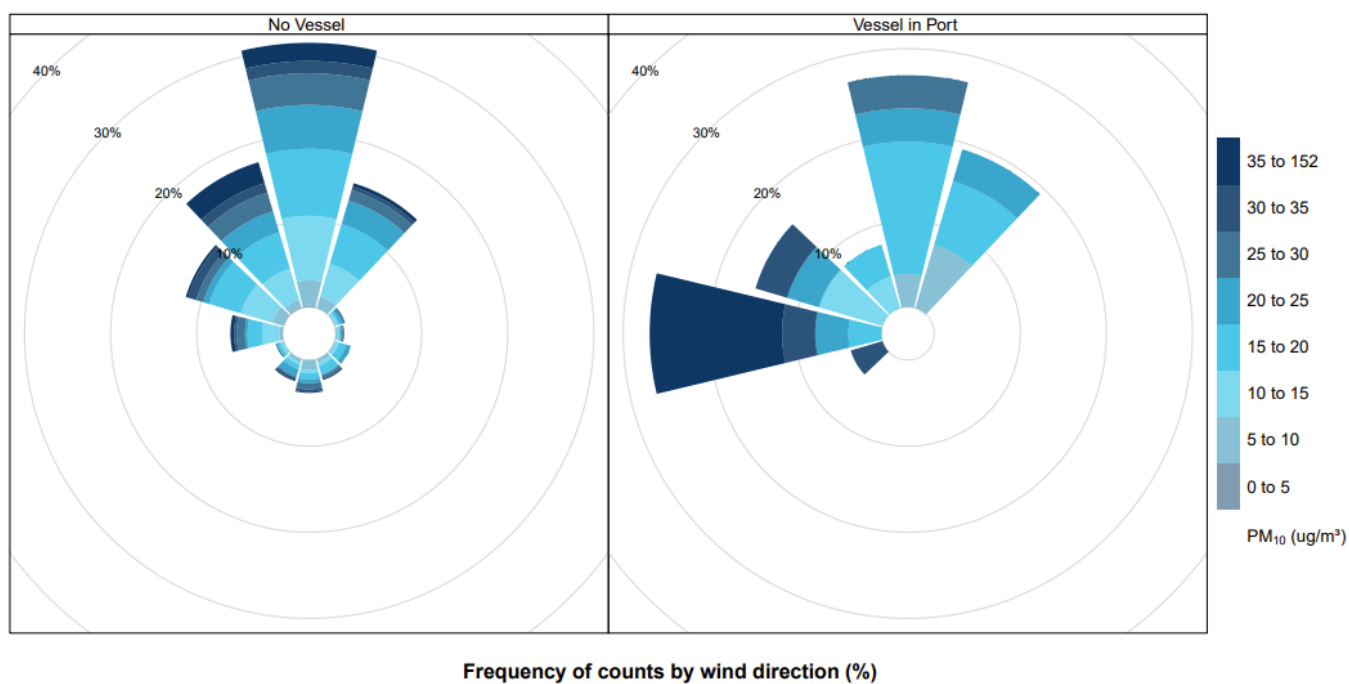


Figure B.8 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) pollution roses (August 2024)

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.

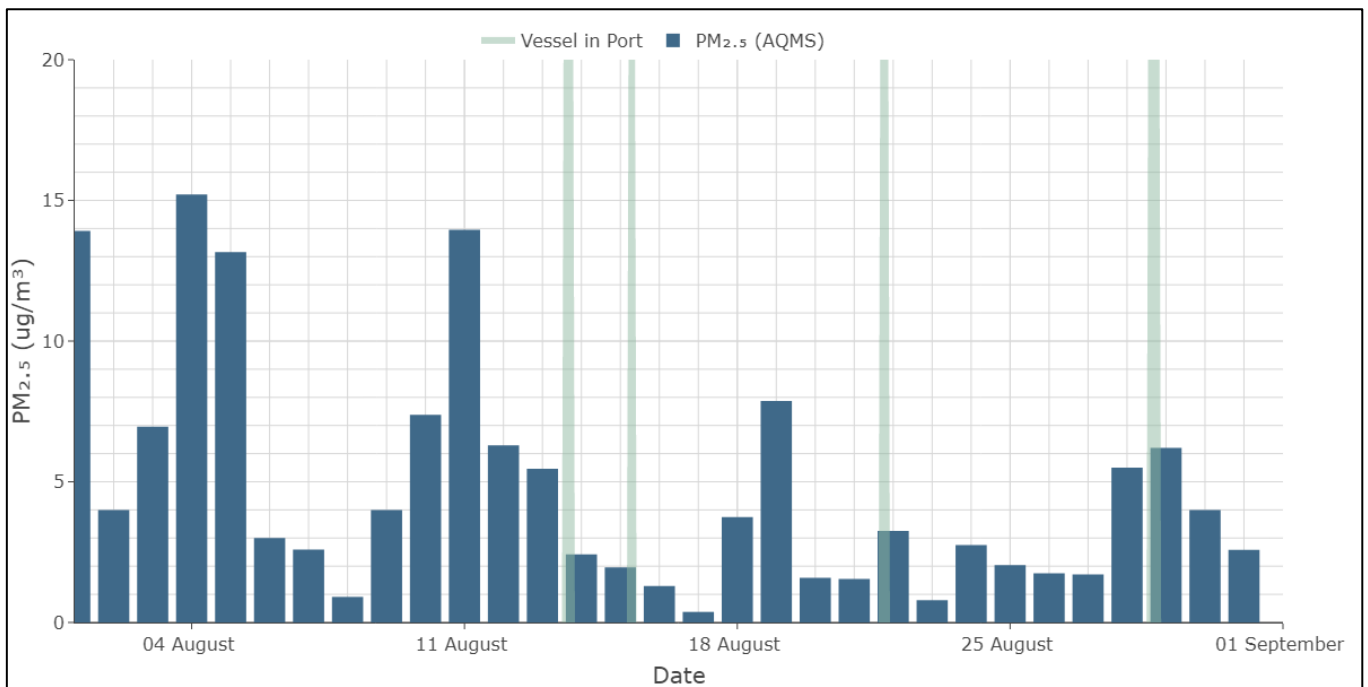


Figure B.9 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier (August 2024) (criteria: 25 µg/m³)

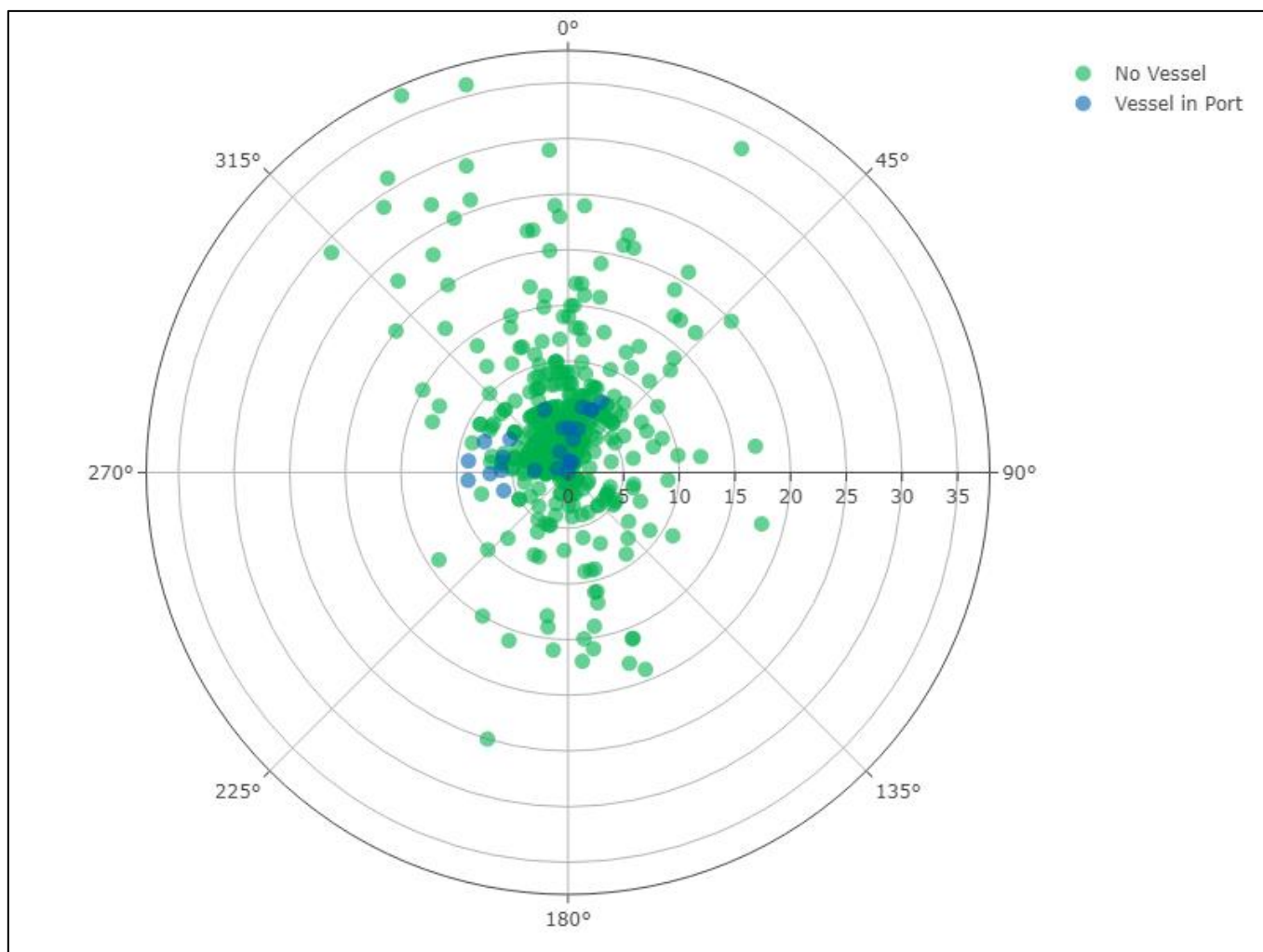


Figure B.10 Hourly average $PM_{2.5}$ concentration ($\mu g/m^3$) by wind direction (August 2024)

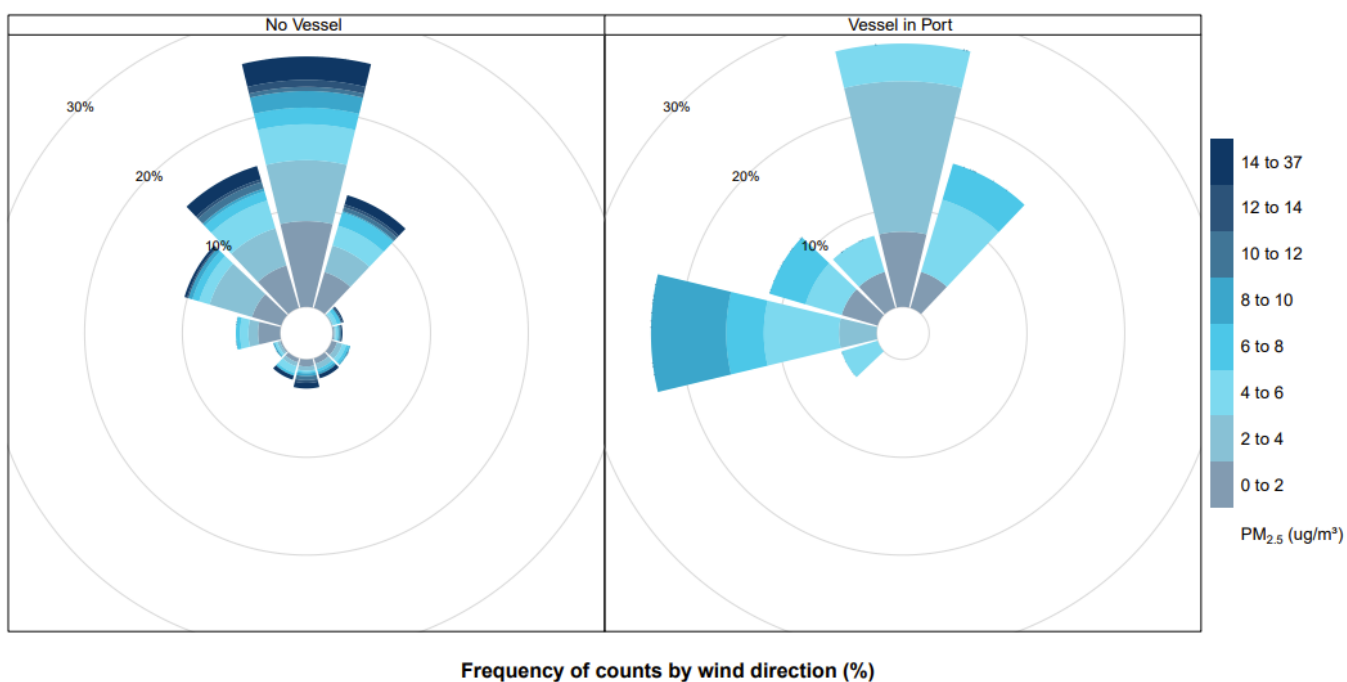


Figure B.11 Hourly average $PM_{2.5}$ concentration ($\mu g/m^3$) pollution roses (August 2024)

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.

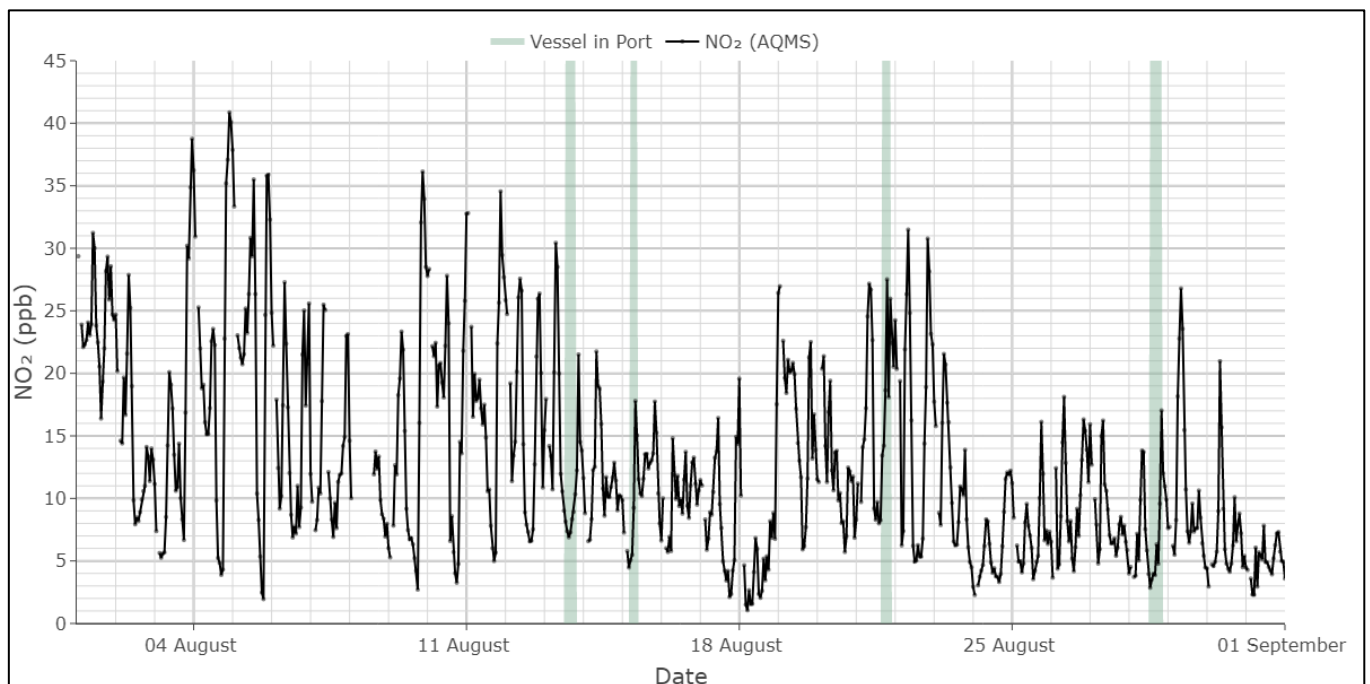


Figure B.12 Hourly average NO₂ concentrations (ppb) at Station Pier (August 2024) (criteria: 80 ppb)

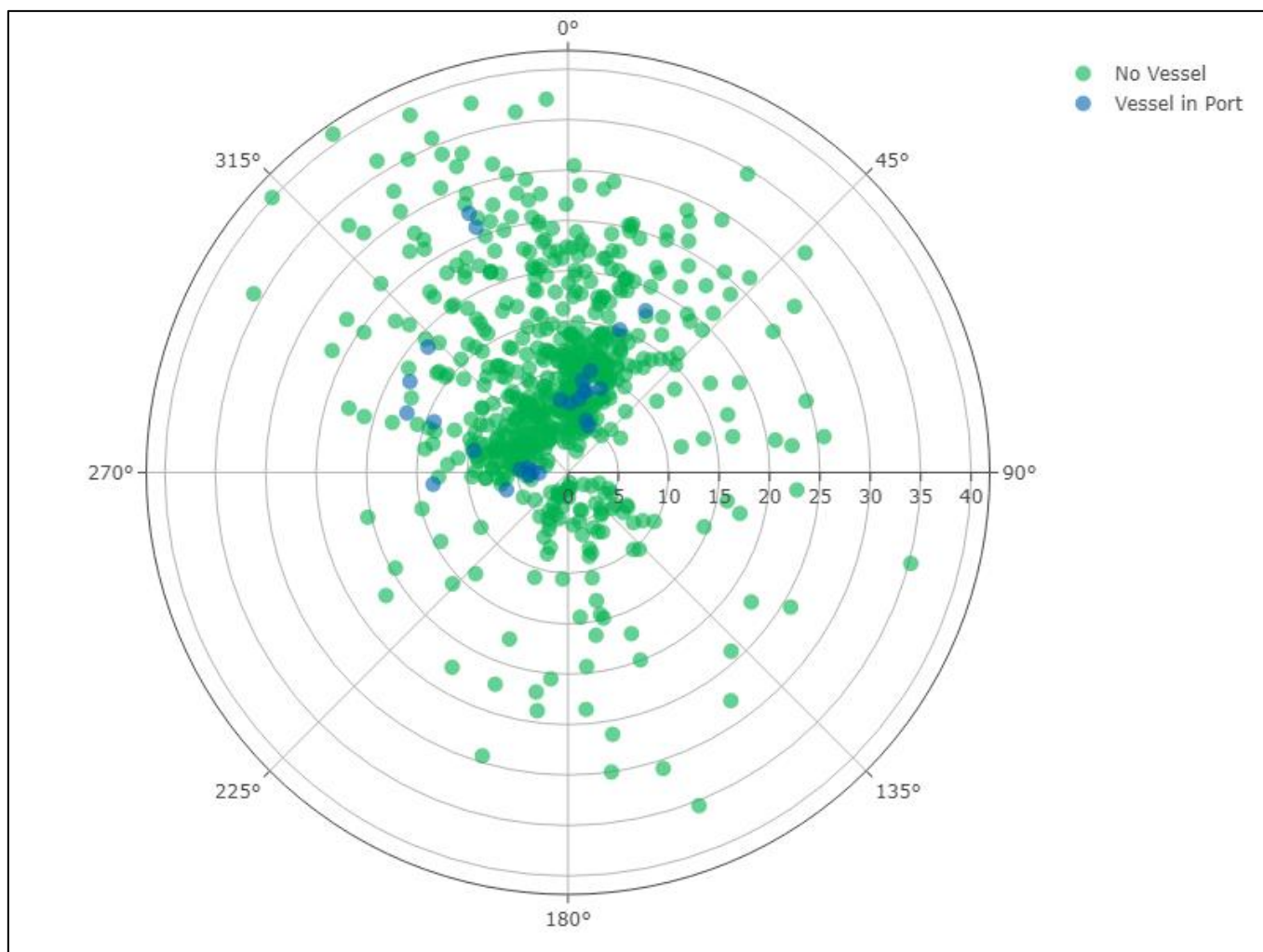


Figure B.13 Hourly average NO_2 concentration (ppb) by wind direction (August 2024)

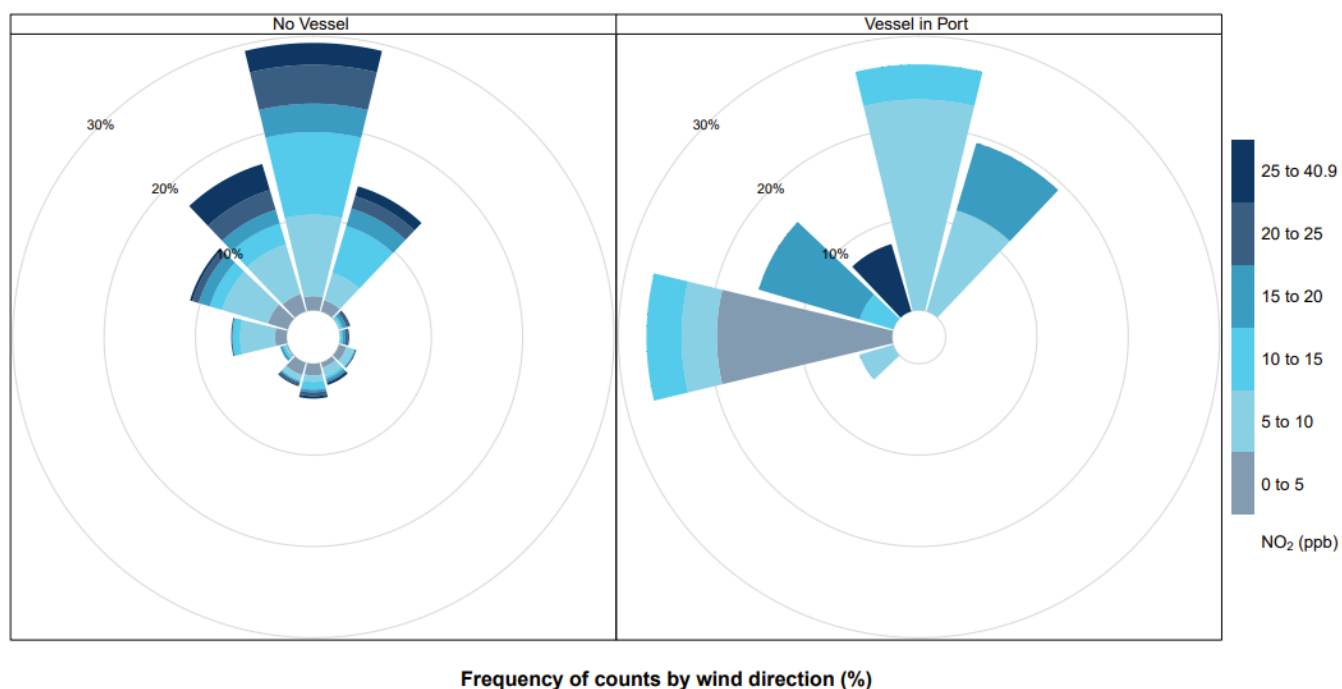


Figure B.14 Hourly average NO_2 concentration (ppb) pollution roses (August 2024)

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.

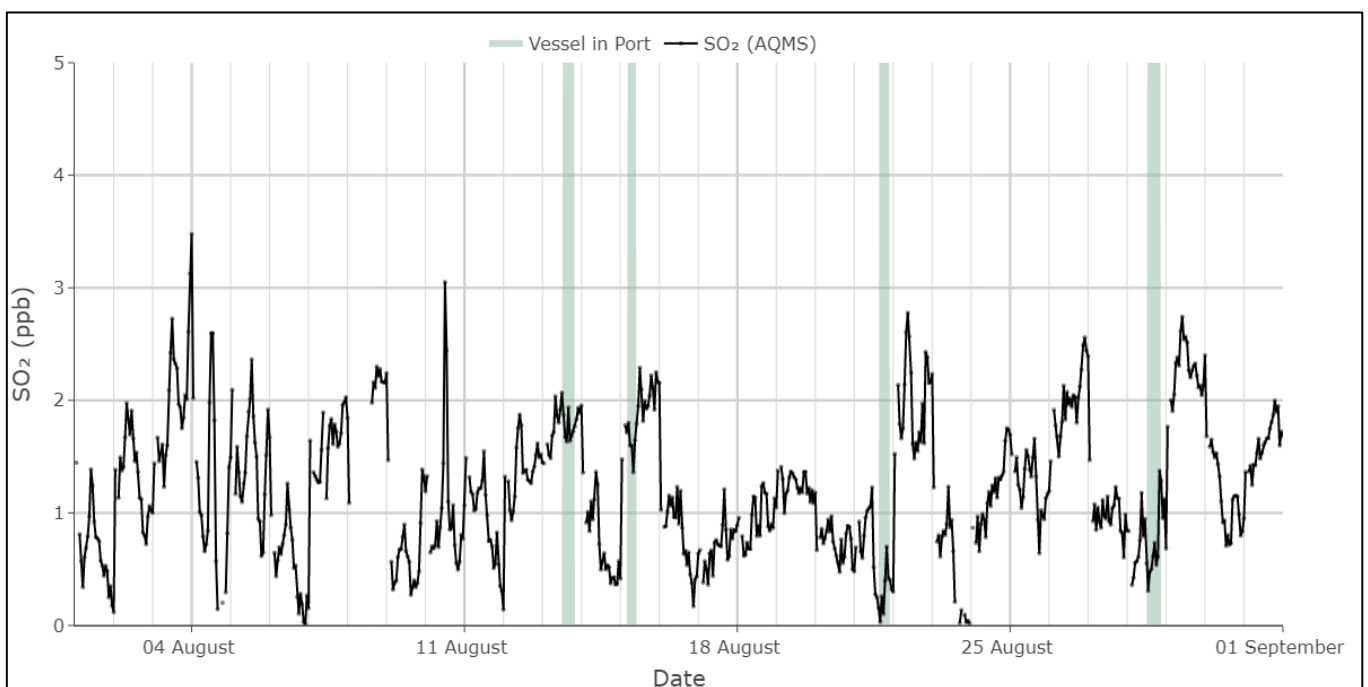


Figure B.15 Hourly average SO₂ concentrations (ppb) at Station Pier (August 2024) (criteria: 75 ppb)

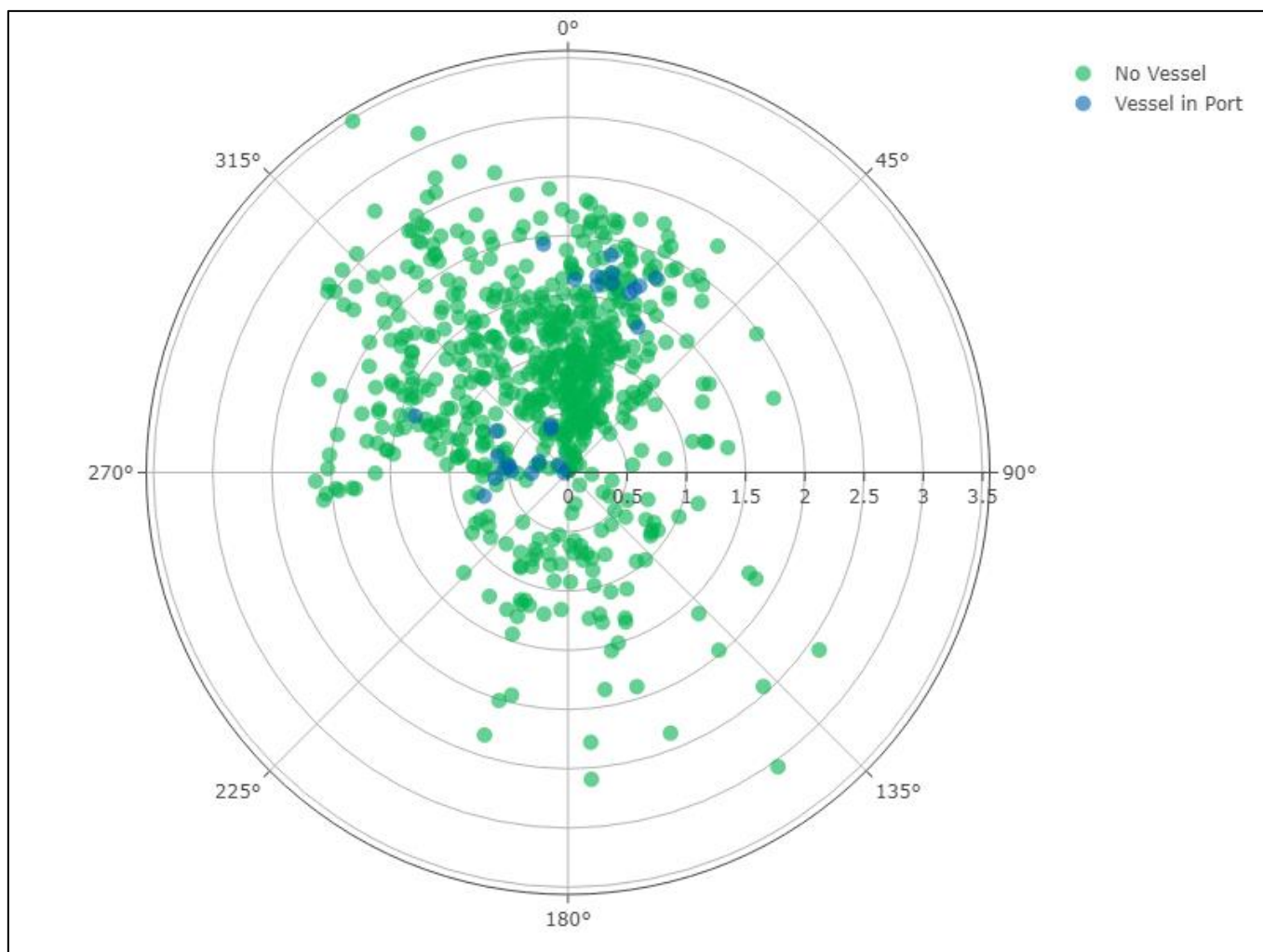


Figure B.16 *Hourly average SO₂ concentration (ppb) by wind direction (August 2024)*

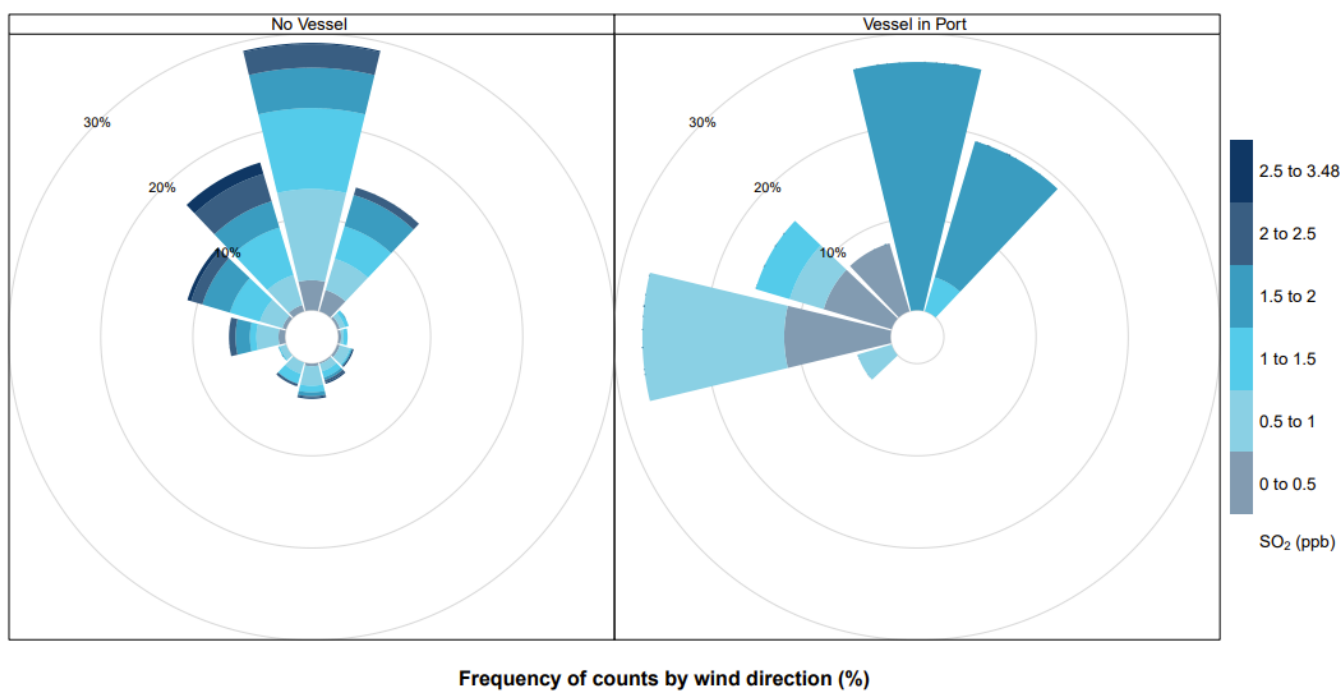


Figure B.17 *Hourly average SO₂ concentration (ppb) pollution roses (August 2024)*

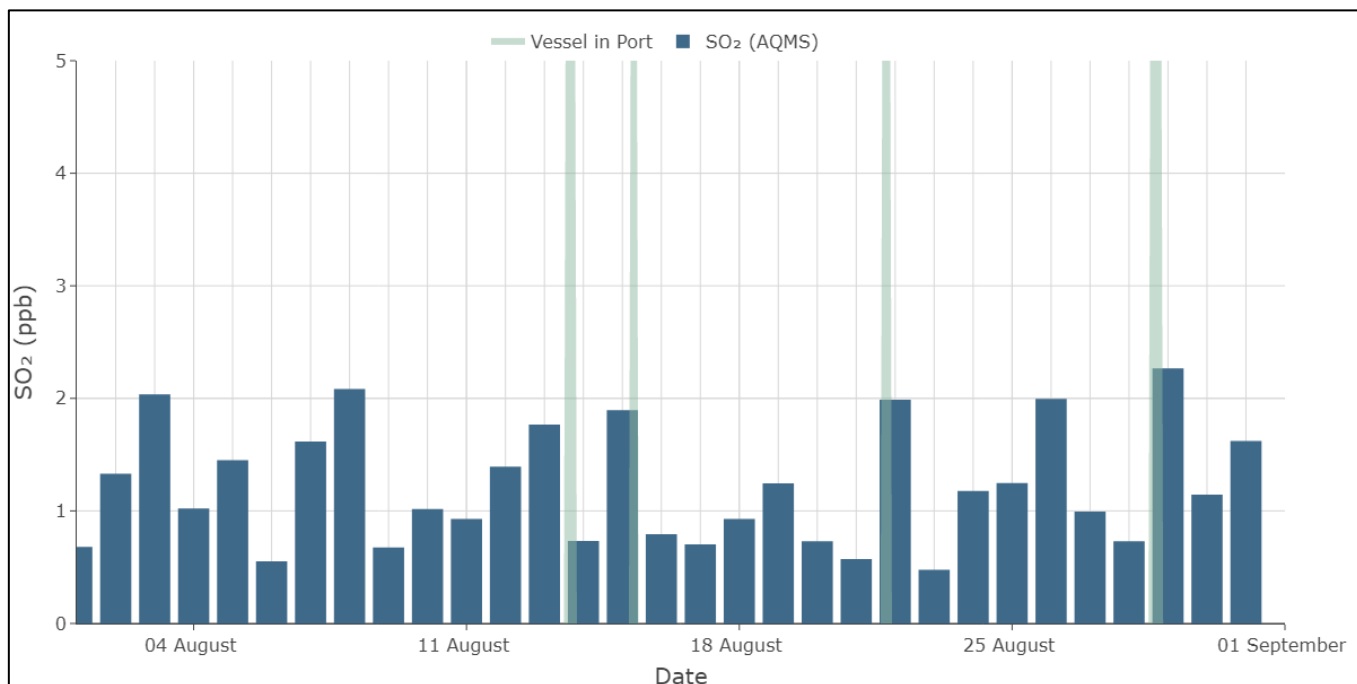


Figure B.18 24-hour average SO₂ concentrations (ppb) at Station Pier (August 2024) (criteria: 20 ppb)

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.

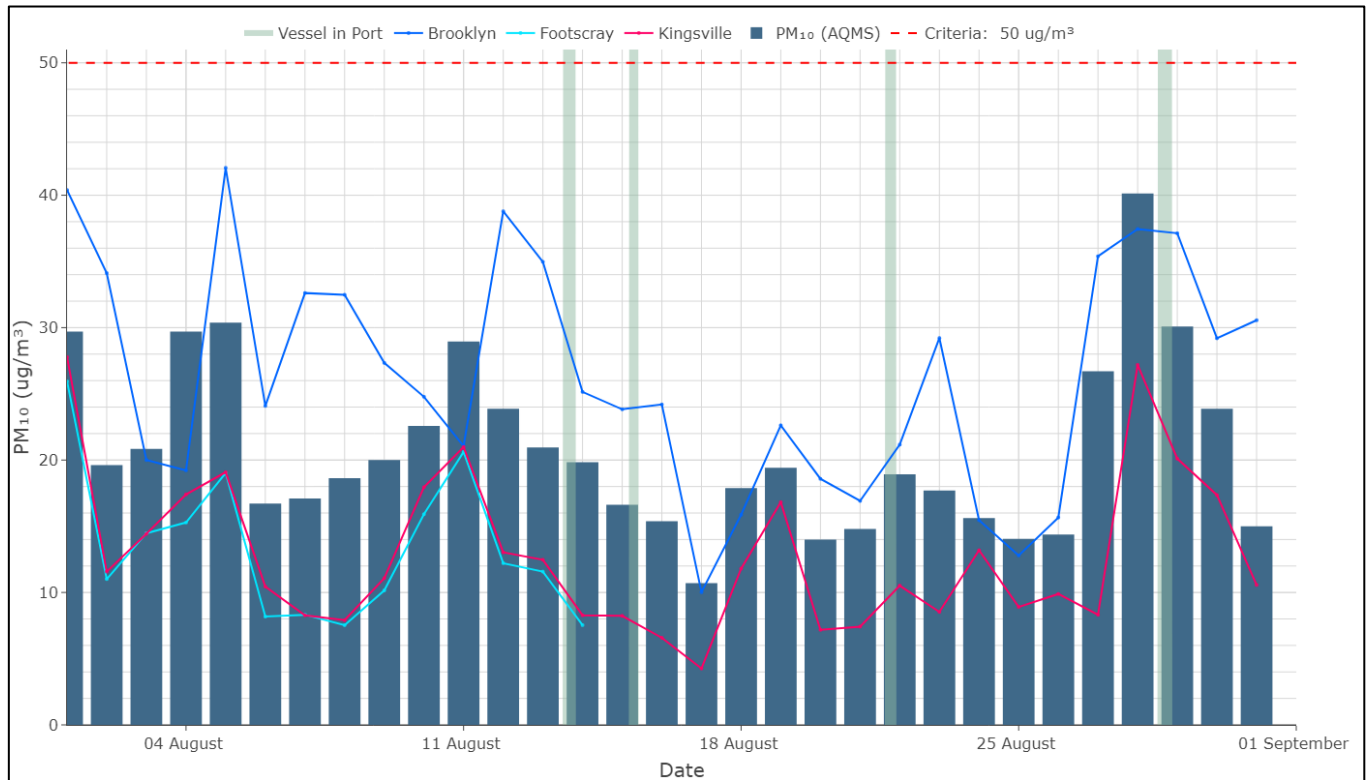


Figure B.19 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (August 2024) (criteria: 50 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA station observations is presented in Table B.3. Positive correlation (>0.8) was observed between the Station Pier observations and the Kingsville and Footscray EPA station observations. Some positive correlation (>0.6) was observed between the Station Pier observations and the Brooklyn EPA station observations.

All PM₁₀ concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded on this day was 40.1 µg/m³, which is 20% below the criterion.

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

EPA Station	Correlation coefficient (r)
Kingsville	0.85
Footscray	0.87
Brooklyn	0.63

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.

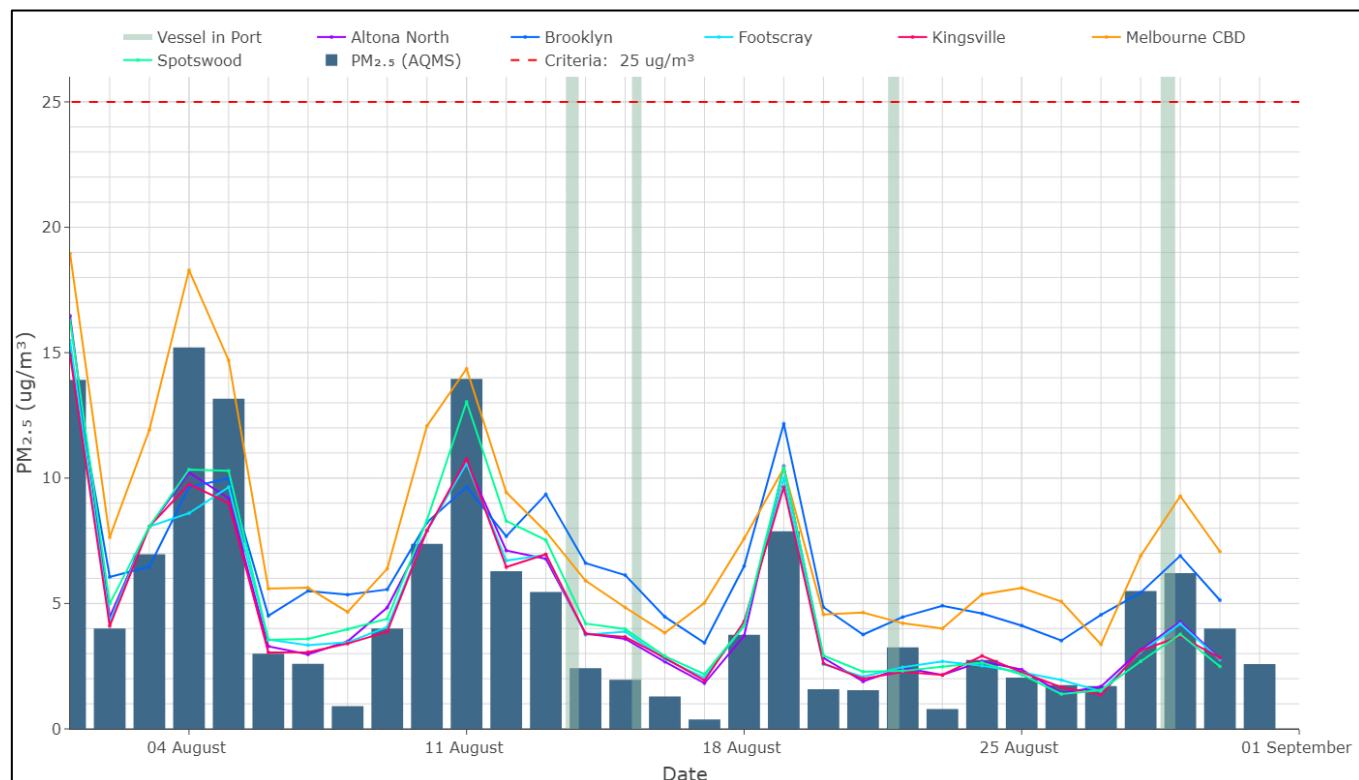


Figure B.20 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (August 2024) (criteria: 25 µg/m³)

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

All PM_{2.5} concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded on this day was 15.2 µg/m³, which was 39% below the criterion.

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

EPA Station	Correlation coefficient (r)
Altona North	0.90
Spotswood	0.90
Kingsville	0.91
Footscray	0.89
Brooklyn	0.84
Melbourne CBD	0.97

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.

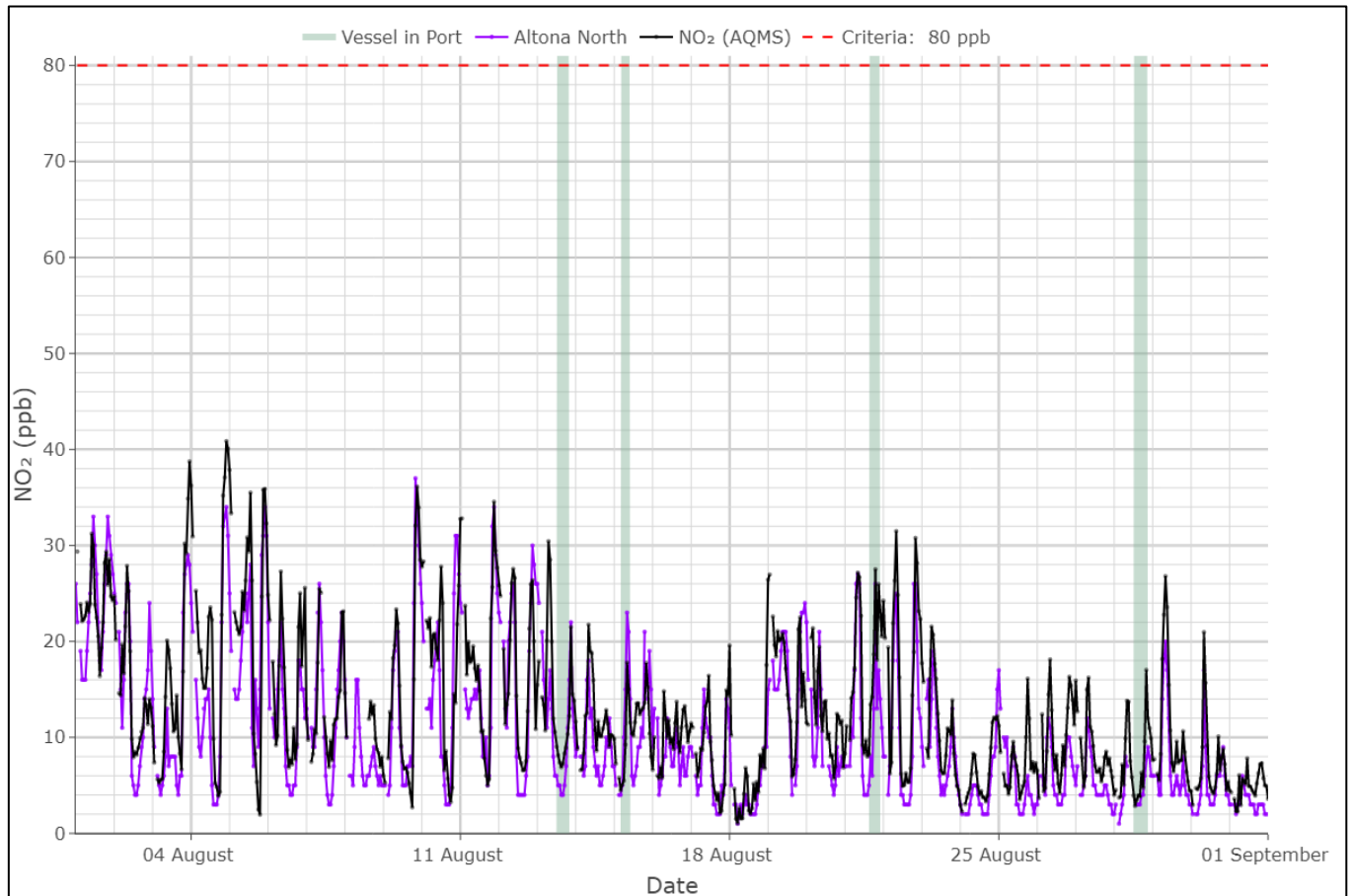


Figure B.21 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA Station (August 2024) (criteria: 80 ppb)

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

All concentrations were below the adopted NO₂ criterion. The maximum hourly average concentration recorded was 40.9 ppb, which is 49% 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.

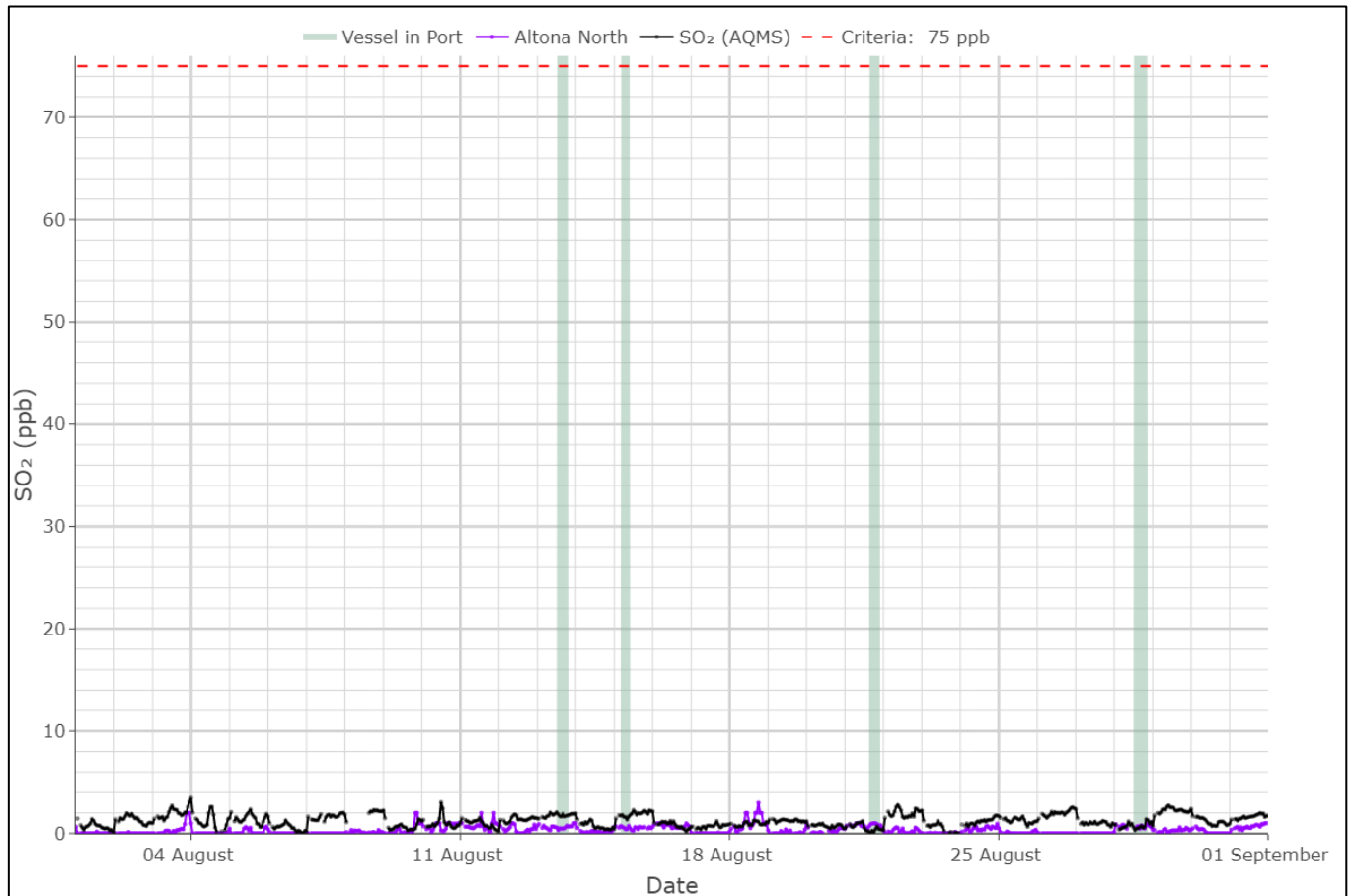


Figure B.22 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (August 2024) (criteria: 75 ppb)

Minimal correlation (0.03) was observed between the Station Pier observations and the Altona North EPA station observations.

All hourly average SO₂ concentrations were below the adopted criterion. The maximum hourly average concentration recorded was 3.5 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.

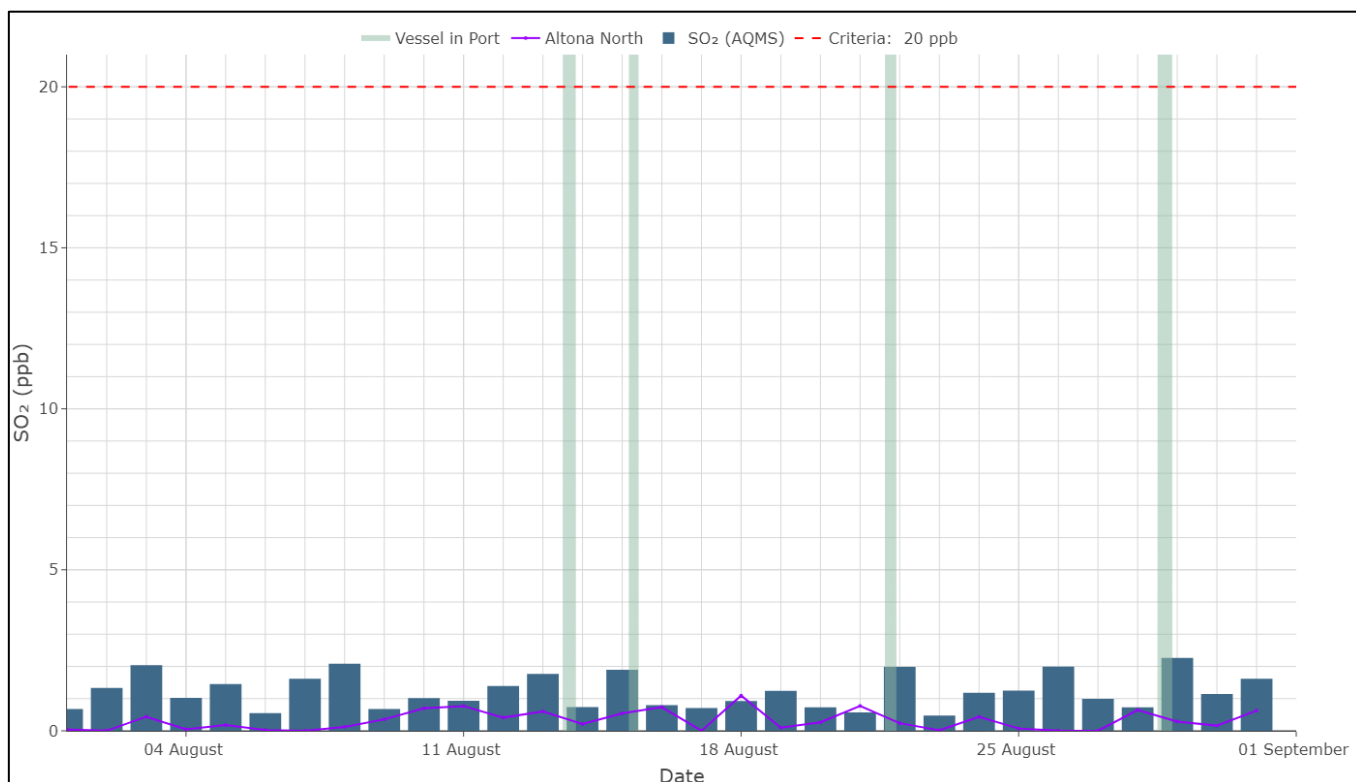


Figure B.23 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA Station (August 2024) (criteria: 20 ppb)

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

All 24-hour average SO₂ concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 2.3 ppb, which is 89% below the criterion.

B-3-5 Port activity

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

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

Ship name	Arrival	Departure
ICS Allegiance (T)	13/8/2024 12:56	13/8/2024 18:06
ICS Allegiance (T)	15/8/2024 4:48	15/8/2024 8:00
ICS Allegiance (T)	21/8/2024 15:38	21/8/2024 20:00
ICS Allegiance (T)	28/8/2024 12:05	28/8/2024 19:00

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 PM_{2.5}, SO₂ and NO₂ concentrations occurred on the 3rd and 4th of August when there were no vessels present at the port. The maximum PM₁₀ concentration occurred when there was one vessel present at the port.

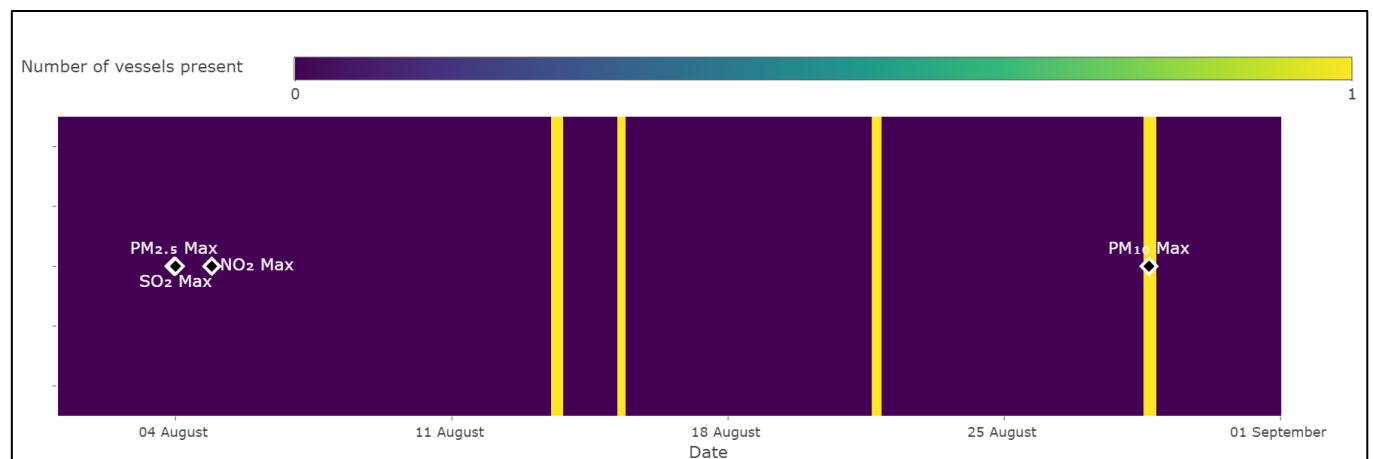


Figure B.24 Number of vessels present compared against maximum concentration observations

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

Table B.6 Comparison of average concentration against vessel presence

Pollutant	Proportion of vessel presence during monitoring	Average concentration	
		No vessel	Vessel in port
PM ₁₀	4%	20.5 µg/m ³	29.1 µg/m ³
PM _{2.5}	4%	5.5 µg/m ³	4.7 µg/m ³
NO ₂	4%	13.1 ppb	10.8 ppb
SO ₂	4%	1.2 ppb	1.0 ppb

B-3-6 Other impacts to air quality

Planned Burns

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

- Anglesea, Carlisle River, and Gellibrand (31 July – 6 August 2024)
- Lower Glenelg National Park (1 August 2024)
- Carlisle River and Gellibrand (6 – 12 August 2024)
- Ryans Lagoon, Wodonga (12 August 2024)
- Robinvale Rifle Range Block 1 (14 August 2024)
- Wilsons Promontory (15 August 2024)
- Minimay (26 August 2024)
- Hunter Railway Reserve, Elmore (30 August 2024)

B-4 Summary

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

Station Pier AQMS

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

Appendix C

Data analysis – long term

C-1 PM₁₀

The PM₁₀ data observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 August 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.

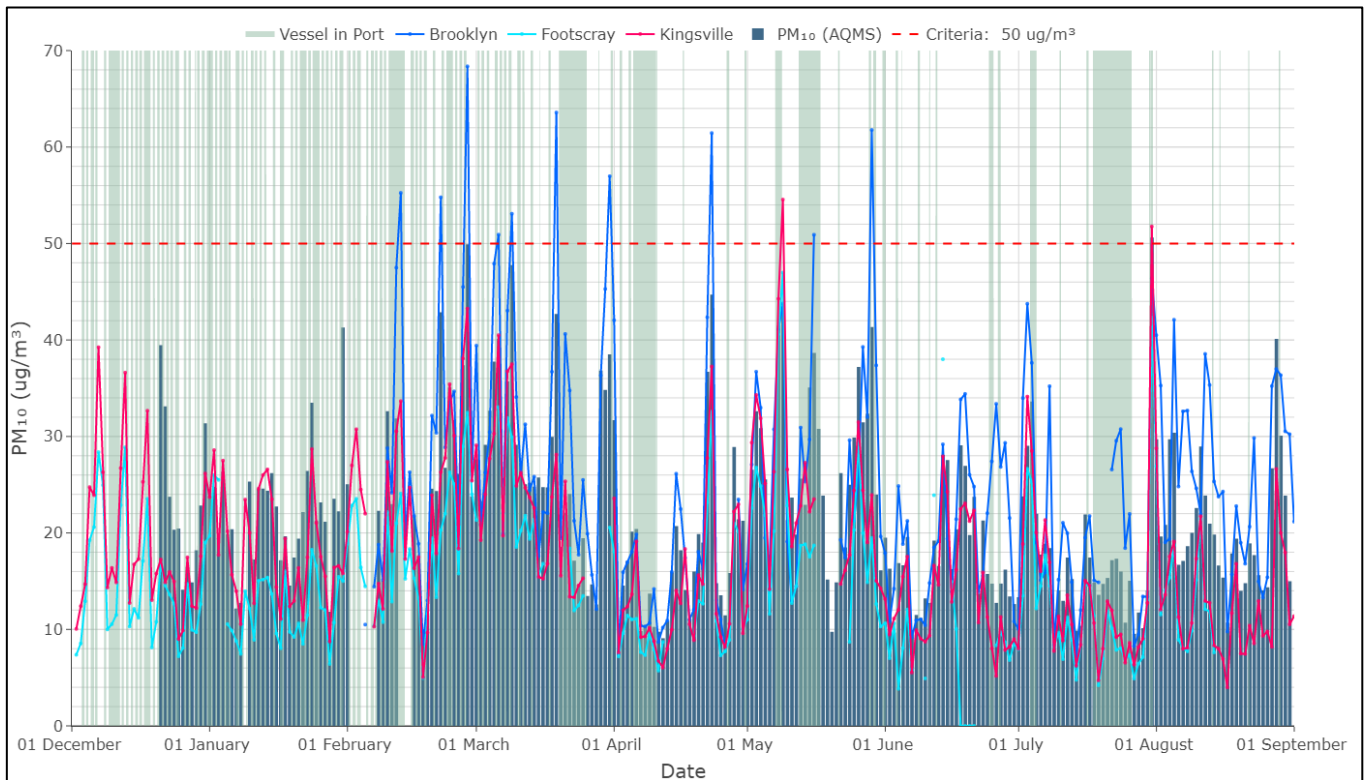


Figure C.1 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - August 2024) (criteria: 50 µg/m³)

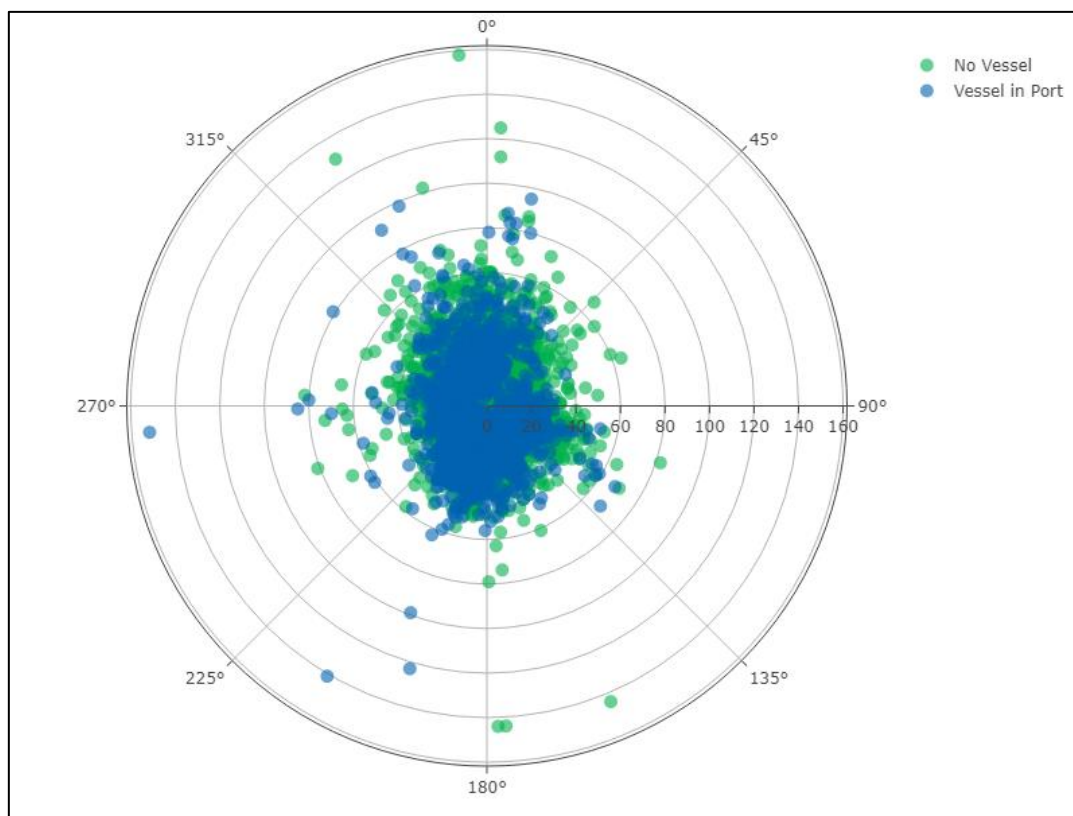


Figure C.2 *Hourly average PM₁₀ concentration (µg/m³) by wind direction (December 2023 - August 2024)*

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

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

Month	Station Pier	Kingsville	Footscray	Brooklyn
December 2023	23.3	19.0	14.8	-
January 2024	22.1	18.3	12.6	-
February 2024	26.7	23.3	18.6	29.8
March 2024	27.2	23.7	21.0	30.9
April 2024	17.7	13.5	12.0	18.3
May 2024	26.6	24.5	20.6	28.7
June 2024	17.3	13.7	6.6	20.2
July 2024	17.5	14.2	12.0	20.6
August 2024	20.9	12.8	13.7	26.2
2024 year-to-date	21.9	17.6	14.8	24.8
All available data	21.9	17.8	14.8	24.8

“-” indicates no data available

C-2 PM_{2.5}

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

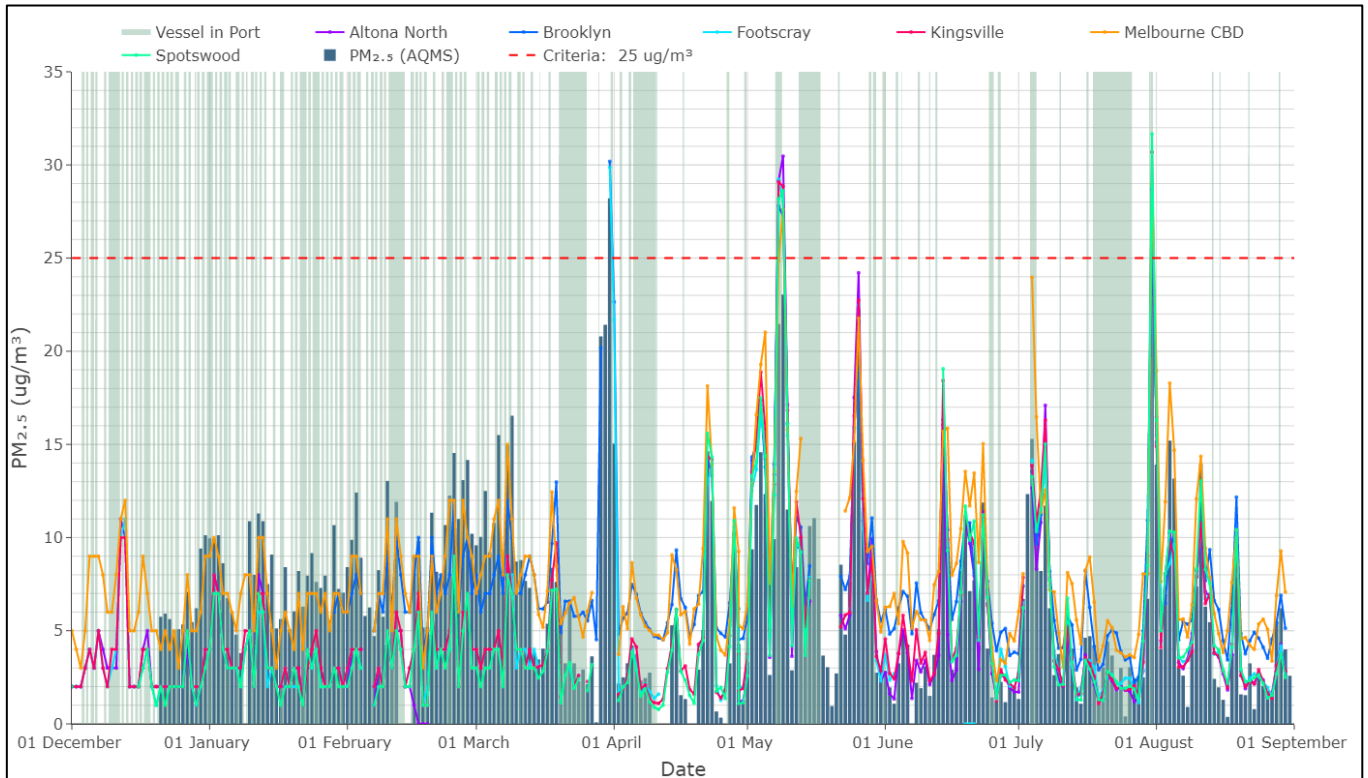


Figure C.3 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - August 2024) (criteria: 25 µg/m³)

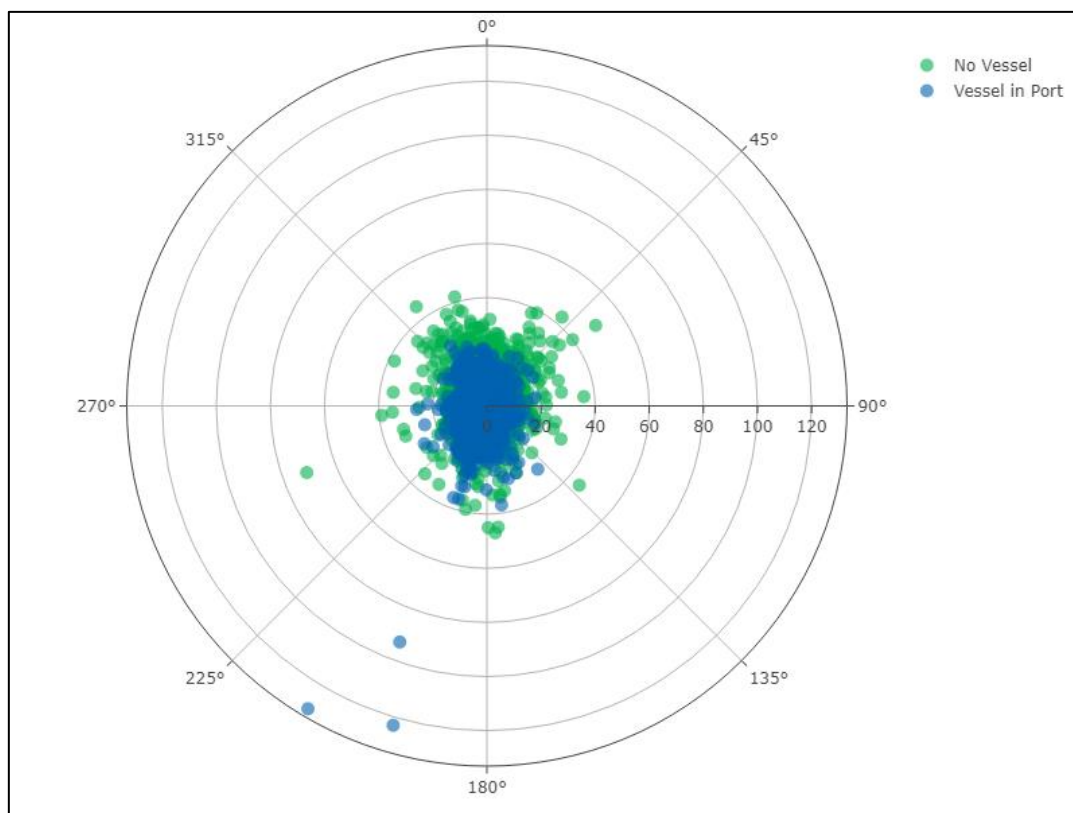


Figure C.4 Hourly average $PM_{2.5}$ concentration ($\mu g/m^3$) by wind direction (December 2023 - August 2024)

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

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

Month	Station Pier	Kingsville	Footscray	Brooklyn	Melbourne CBD	Spotswood	Altona North
December 2023	6.5	3.3	3.2	-	6.5	2.1	3.2
January 2024	7.8	3.4	3.0	6.1	6.8	3.0	3.3
February 2024	9.4	4.0	3.7	7.5	8.2	3.6	2.5
March 2024	9.2	4.2	4.1	8.6	8.4	3.7	-
April 2024	4.9	3.8	3.9	7.1	6.8	3.6	1.1
May 2024	9.4	11.7	11.5	12.1	13.6	12.0	11.5
June 2024	5.0	5.2	2.1	6.9	7.9	6.6	4.4
July 2024	6.0	5.9	5.5	6.9	8.3	5.6	5.4
August 2024	5.5	4.7	4.8	6.5	7.9	5.2	4.9
2024 year-to-date	7.3	5.3	5.0	7.8	8.3	5.1	5.3
All available data	7.2	5.0	4.7	7.8	8.1	4.9	5.0

"-" 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 August 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.

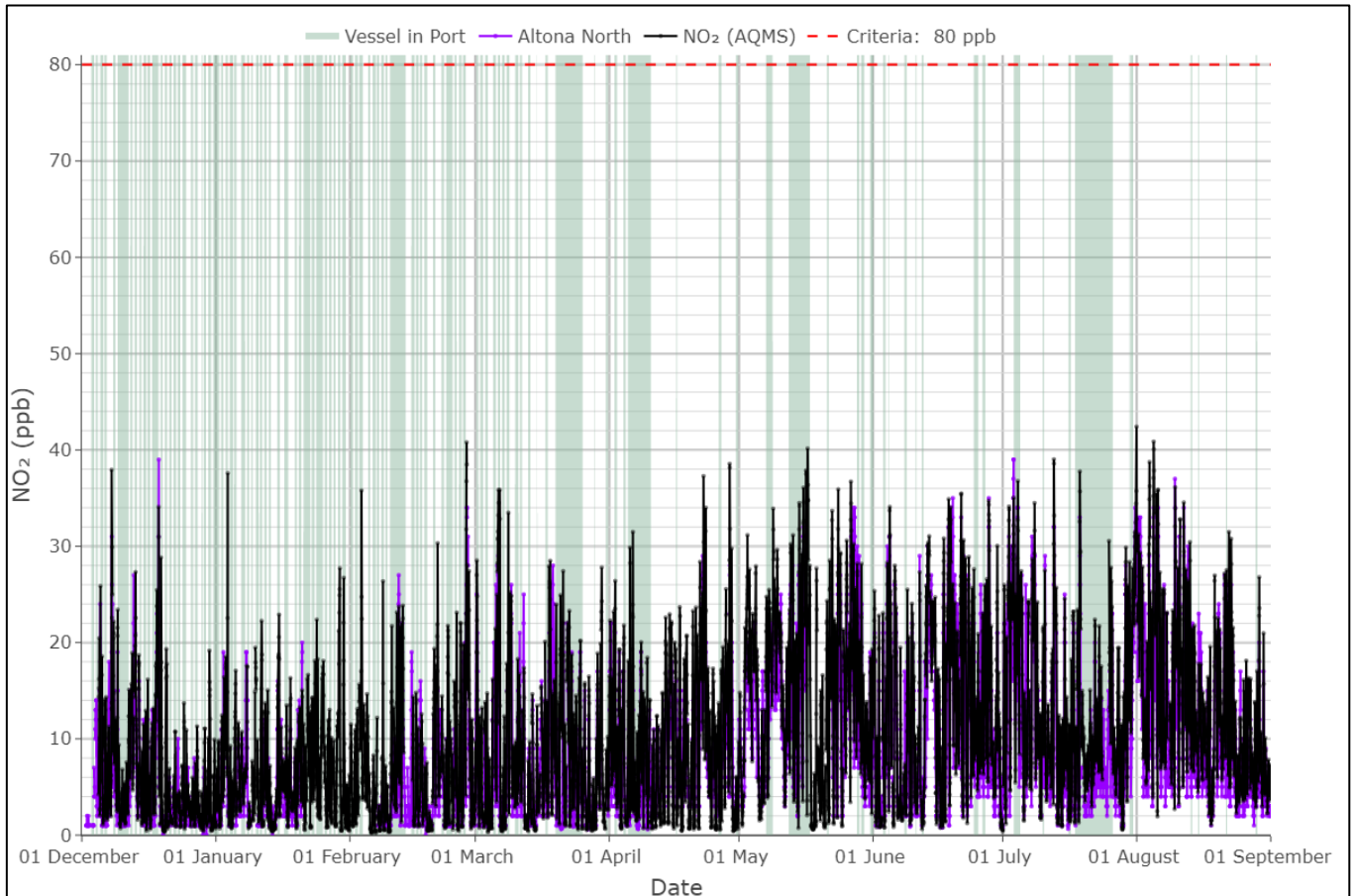


Figure C.5 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - August 2024) (criteria: 80 ppb)

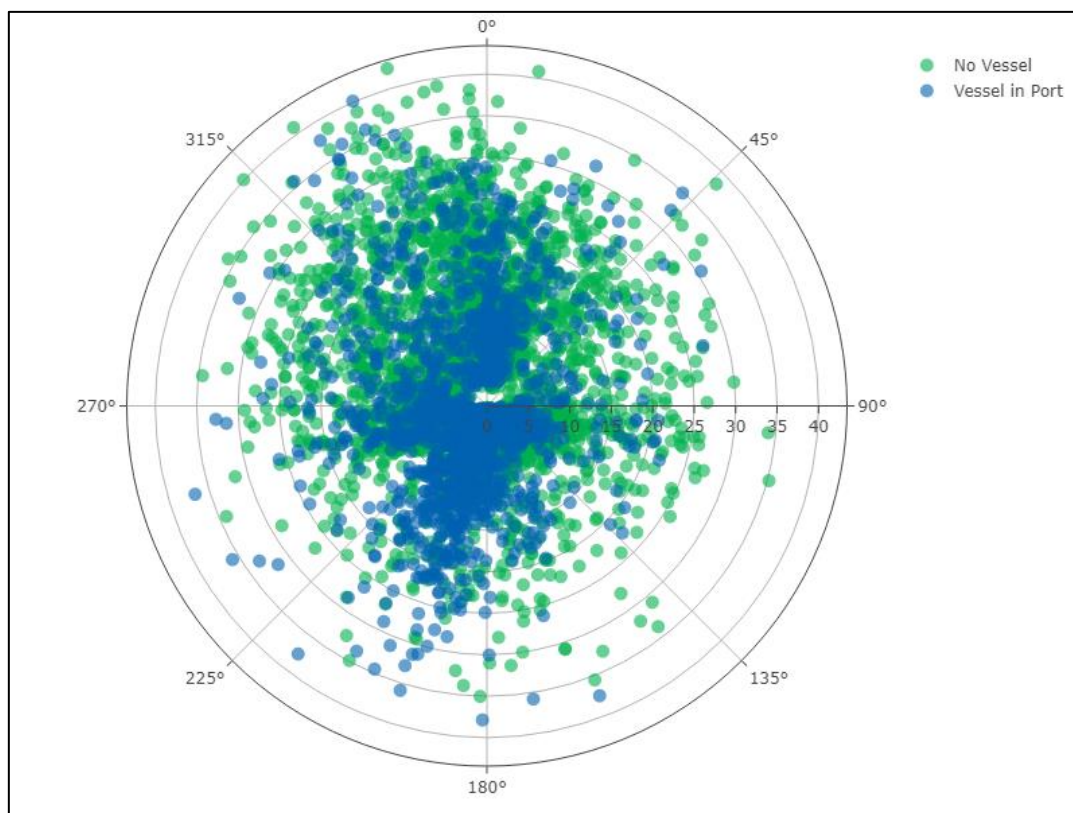


Figure C.6 Hourly average NO₂ concentration (µg/m³) by wind direction (December 2023 - August 2024)

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

Table C.3 Monthly NO₂ concentrations (ppb)

Month	Station Pier	Altona North
December 2023	6.1	4.0
January 2024	6.3	4.2
February 2024	7.1	4.3
March 2024	7.9	5.9
April 2024	9.0	7.4
May 2024	14.7	13.3
June 2024	12.6	10.9
July 2024	13.2	10.7
August 2024	13.0	10.8
2024 year-to-date	10.5	8.7
All available data	10.1	8.2

C-4 SO₂

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

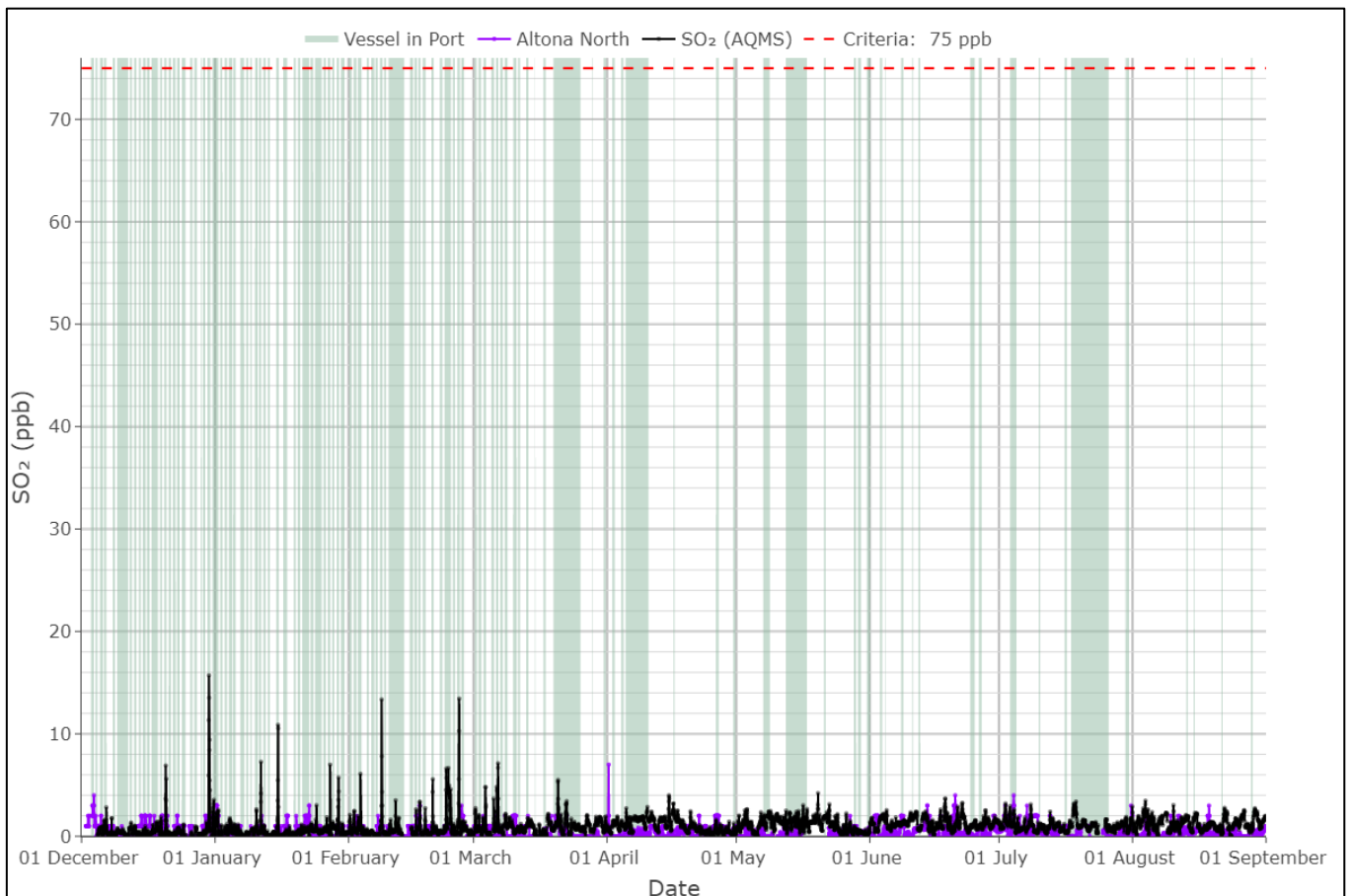


Figure C.7 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA Station (December 2023 - August 2024) (criteria: 75 ppb)

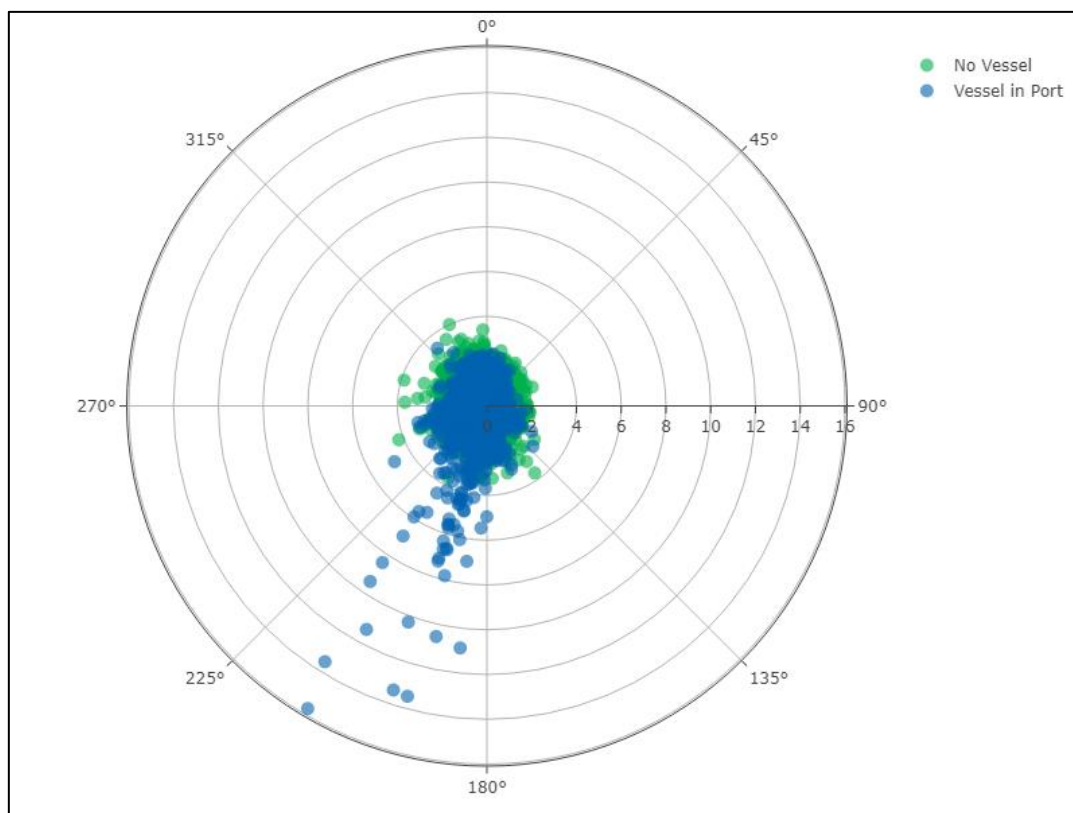


Figure C.8 Hourly average SO_2 concentration ($\mu\text{g}/\text{m}^3$) by wind direction (December 2023 - August 2024)

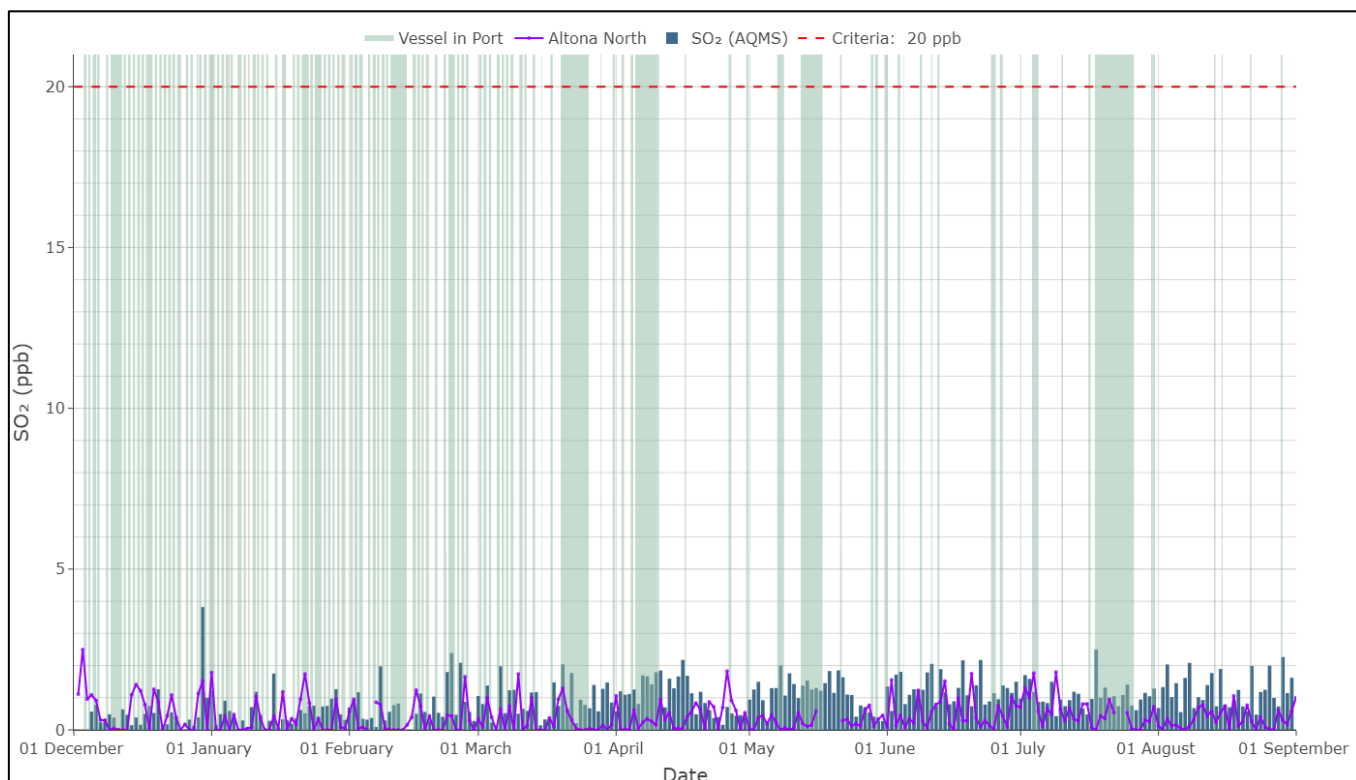


Figure C.9 24-hour average SO_2 concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier and local EPA Station (December 2023 - August 2024) (criteria: $20 \mu\text{g}/\text{m}^3$)

Appendix D

August 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 August to 31st August 2024

Report No: DAT21703

Issue Date: 17th September 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									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/08/24 00:05	99	31	129	2	6.1	89	1.9	358	12
01/08/24 00:10	99	30	129	2	6.1	89	2.0	357	13
01/08/24 00:15	98	30	128	1	6.1	89	1.8	355	14
01/08/24 00:20	96	30	126	1	6.1	89	1.9	352	10
01/08/24 00:25	95	30	124	1	6.0	89	2.0	343	13
01/08/24 00:30	93	30	123	1	5.9	89	1.9	343	13
01/08/24 00:35	93	29	122	1	5.9	89	1.9	1	11
01/08/24 00:40	92	29	121	1	5.7	90	2.1	360	6
01/08/24 00:45	91	29	120	1	5.7	90	1.3	347	12
01/08/24 00:50	90	29	119	1	5.7	90	1.6	342	20
01/08/24 00:55	89	28	118	2	5.8	90	1.7	344	13
01/08/24 01:00	89	28	117	1	5.7	90	1.6	358	14
01/08/24 01:05					5.6	90	2.3	359	5
01/08/24 01:10					5.5	90	2.3	2	3
01/08/24 01:15					5.3	91	2.1	4	5
01/08/24 01:20					5.3	91	1.6	359	12
01/08/24 01:25					5.4	91	1.8	343	15
01/08/24 01:30					5.4	91	1.3	356	21
01/08/24 01:35					5.3	91	1.6	2	13
01/08/24 01:40					5.1	91	1.7	2	7
01/08/24 01:45					5.2	92	1.8	359	11
01/08/24 01:50					5.2	91	1.7	359	13
01/08/24 01:55					5.2	91	1.1	348	19
01/08/24 02:00					5.1	91	2.2	358	11
01/08/24 02:05	54	25	79	1	5.1	91	2.7	359	8
01/08/24 02:10	53	24	77	1	5.0	91	2.4	356	13
01/08/24 02:15	54	24	78	1	5.1	91	2.4	1	10
01/08/24 02:20	54	24	79	1	5.0	91	2.6	3	8
01/08/24 02:25	54	24	79	1	5.0	91	2.1	1	14
01/08/24 02:30	54	24	78	1	4.9	91	1.7	357	17
01/08/24 02:35	54	24	78	1	4.9	91	2.5	2	17
01/08/24 02:40	53	24	77	1	4.9	91	2.2	4	10
01/08/24 02:45	53	24	77	1	4.7	91	1.9	7	10
01/08/24 02:50	52	23	75	1	4.6	92	2.3	8	7
01/08/24 02:55	50	23	73	1	4.6	92	2.2	5	6
01/08/24 03:00	48	22	70	1	4.6	92	1.8	3	10
01/08/24 03:05	46	21	67	1	4.6	92	1.9	8	10
01/08/24 03:10	42	21	63	0	4.5	92	2.2	6	6
01/08/24 03:15	39	22	62	1	4.6	92	1.9	5	7
01/08/24 03:20	39	22	62	1	4.6	92	2.0	1	10
01/08/24 03:25	40	22	62	1	4.5	92	2.3	4	8
01/08/24 03:30	41	22	63	1	4.4	92	2.4	4	6
01/08/24 03:35	41	22	63	1	4.5	92	2.0	3	9
01/08/24 03:40	41	22	63	1	4.4	92	2.1	4	9
01/08/24 03:45	41	22	64	1	4.4	92	1.7	11	11
01/08/24 03:50	41	22	63	1	4.3	92	1.1	8	17
01/08/24 03:55	39	22	62	1	4.4	93	1.1	9	17
01/08/24 04:00	37	22	59	0	4.4	93	1.5	5	14
01/08/24 04:05	34	21	55	0	4.4	93	1.7	358	17
01/08/24 04:10	29	22	51	0	4.5	92	2.1	4	18
01/08/24 04:15	29	22	51	0	4.6	92	2.2	2	10
01/08/24 04:20	29	22	51	0	4.6	92	1.8	358	14
01/08/24 04:25	28	22	51	0	4.6	92	2.0	357	12
01/08/24 04:30	29	23	51	0	4.5	92	1.4	357	21
01/08/24 04:35	30	22	52	0	4.6	92	1.5	356	20
01/08/24 04:40	31	22	54	0	4.6	91	2.0	0	13
01/08/24 04:45	32	22	54	0	4.5	91	2.1	5	12
01/08/24 04:50	32	22	55	0	4.6	91	2.0	4	16
01/08/24 04:55	33	23	55	0	4.6	91	1.8	7	12
01/08/24 05:00	32	23	55	0	4.6	92	2.3	359	10
01/08/24 05:05	31	23	54	0	4.6	92	2.2	1	14
01/08/24 05:10	31	22	53	1	4.5	91	2.1	4	11
01/08/24 05:15	31	23	54	1	4.4	91	2.0	8	9
01/08/24 05:20	32	23	55	1	4.4	92	2.2	7	8
01/08/24 05:25	33	23	56	1	4.4	92	2.5	2	7
01/08/24 05:30	35	23	58	1	4.4	92	2.2	3	14
01/08/24 05:35	38	23	60	1	4.5	92	2.1	3	15
01/08/24 05:40	40	22	62	1	4.5	92	2.2	3	8
01/08/24 05:45	41	23	64	1	4.4	92	1.9	1	12
01/08/24 05:50	42	23	65	1	4.5	91	1.7	3	10
01/08/24 05:55	43	23	66	1	4.5	91	2.1	2	10
01/08/24 06:00	43	23	66	1	4.6	91	2.0	2	11
01/08/24 06:05	44	23	67	0	4.6	91	1.4	0	17
01/08/24 06:10	50	21	71	0	4.6	91	1.6	2	16
01/08/24 06:15	57	20	77	0	4.7	90	1.4	2	26
01/08/24 06:20	57	23	80	1	4.7	90	1.2	3	20
01/08/24 06:25	59	23	82	1	4.7	90	1.3	11	15
01/08/24 06:30	68	27	94	1	4.6	90	1.4	11	8
01/08/24 06:35	68	27	95	1	4.7	90	1.6	10	11
01/08/24 06:40	64	26	90	1	4.8	90	1.5	8	12
01/08/24 06:45	63	26	88	1	4.8	90	1.2	20	9
01/08/24 06:50	63	25	88	1	4.8	90	1.1	31	10
01/08/24 06:55	64	24	88	1	4.8	90	1.0	23	12
01/08/24 07:00	65	24	89	1	4.8	90	1.1	13	15

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/08/24 07:05	66	23	89	1	4.9	90	1.2	5	11
01/08/24 07:10	68	24	92	1	4.9	89	0.9	29	12
01/08/24 07:15	71	24	94	1	4.9	89	1.0	32	9
01/08/24 07:20	73	24	96	1	4.9	89	1.3	32	10
01/08/24 07:25	75	22	97	1	4.8	88	1.4	43	10
01/08/24 07:30	77	22	100	1	4.7	88	1.4	38	9
01/08/24 07:35	80	24	103	1	4.6	88	1.4	40	9
01/08/24 07:40	82	23	105	1	4.6	88	1.2	41	11
01/08/24 07:45	82	23	105	1	4.5	87	1.6	43	10
01/08/24 07:50	81	23	104	1	4.4	87	1.7	40	8
01/08/24 07:55	80	23	103	1	4.4	87	1.8	40	9
01/08/24 08:00	81	23	104	1	4.4	87	1.8	41	8
01/08/24 08:05	81	23	104	1	4.4	87	1.9	39	6
01/08/24 08:10	83	22	105	1	4.4	88	1.8	37	8
01/08/24 08:15	85	23	107	1	4.5	88	1.5	40	9
01/08/24 08:20	87	25	112	1	4.6	87	1.5	45	9
01/08/24 08:25	90	25	114	1	4.7	87	1.3	46	9
01/08/24 08:30	91	24	116	1	4.9	87	1.1	45	13
01/08/24 08:35	93	25	117	1	5.0	86	1.0	40	11
01/08/24 08:40	94	24	118	1	5.1	86	1.0	39	10
01/08/24 08:45	95	24	119	1	5.3	86	0.7	49	17
01/08/24 08:50	94	24	119	1	5.3	85	0.6	45	13
01/08/24 08:55	95	24	119	1	5.5	85	0.6	42	22
01/08/24 09:00	95	24	119	1	5.7	85	0.4	54	21
01/08/24 09:05	96	25	121	1	5.8	84	0.2	65	37
01/08/24 09:10	100	24	124	1	6.0	84	0.6	284	34
01/08/24 09:15	126	30	155	1	6.1	84	0.5	299	23
01/08/24 09:20	145	30	175	1	6.2	82	1.0	300	12
01/08/24 09:25	156	32	188	2	6.1	82	0.8	287	18
01/08/24 09:30	151	33	183	1	6.2	82	0.6	309	24
01/08/24 09:35	148	32	181	1	6.4	81	0.5	314	34
01/08/24 09:40	131	40	171	1	6.7	80	0.7	9	26
01/08/24 09:45	124	32	156	1	7.4	77	0.4	3	53
01/08/24 09:50	111	32	144	2	7.5	76	0.5	305	38
01/08/24 09:55	113	32	145	2	7.6	77	0.4	17	47
01/08/24 10:00	103	32	136	2	8.1	75	0.2	81	55
01/08/24 10:05	118	31	149	1	8.7	73	0.8	174	25
01/08/24 10:10	116	32	148	1	8.9	73	1.1	203	13
01/08/24 10:15	113	32	145	1	8.8	73	1.1	193	16
01/08/24 10:20	109	31	140	1	9.2	70	0.9	171	25
01/08/24 10:25	106	31	137	1	9.5	70	0.9	176	26
01/08/24 10:30	101	31	133	1	9.7	69	1.0	173	22
01/08/24 10:35	97	30	128	1	9.8	69	0.5	151	38
01/08/24 10:40	90	28	118	1	9.9	67	0.7	153	24
01/08/24 10:45	82	29	111	1	10.1	67	0.7	163	26
01/08/24 10:50	74	29	102	1	10.2	67	1.0	158	19
01/08/24 10:55	68	28	96	1	10.2	67	0.6	155	32
01/08/24 11:00	62	28	91	1	10.4	68	0.9	162	21
01/08/24 11:05	56	27	83	1	10.8	67	0.9	165	19
01/08/24 11:10	54	25	79	1	11.0	67	0.7	155	23
01/08/24 11:15	50	23	72	1	11.2	67	0.9	160	22
01/08/24 11:20	48	24	72	1	11.4	66	0.8	177	19
01/08/24 11:25	46	24	71	1	11.1	67	1.1	196	17
01/08/24 11:30	40	27	67	1	11.0	69	0.5	101	55
01/08/24 11:35	38	23	61	1	11.2	69	1.3	42	40
01/08/24 11:40	38	24	62	1	11.1	69	0.6	41	43
01/08/24 11:45	37	21	58	1	11.2	69	0.6	195	49
01/08/24 11:50	33	22	55	1	10.9	71	1.3	235	22
01/08/24 11:55	32	23	55	1	10.8	72	1.4	251	17
01/08/24 12:00	32	23	55	1	10.7	71	1.2	209	17
01/08/24 12:05	32	23	55	1	11.2	70	1.0	192	24
01/08/24 12:10	31	24	54	1	11.9	68	0.7	179	34
01/08/24 12:15	29	24	53	1	12.0	65	0.8	239	15
01/08/24 12:20	29	23	53	1	11.9	66	1.1	214	11
01/08/24 12:25	28	23	51	1	12.1	66	0.8	227	15
01/08/24 12:30	27	23	50	1	12.0	66	1.5	217	7
01/08/24 12:35	26	22	48	1	11.9	68	1.5	212	7
01/08/24 12:40	25	22	47	1	11.9	69	1.5	216	5
01/08/24 12:45	23	22	45	1	11.8	69	1.4	212	6
01/08/24 12:50	23	22	45	1	11.9	68	1.5	205	4
01/08/24 12:55	22	21	43	1	12.1	69	1.7	209	5
01/08/24 13:00	21	21	42	1	12.2	68	1.7	206	5
01/08/24 13:05	23	27	50	1	12.2	68	1.5	216	5
01/08/24 13:10	25	24	49	1	12.3	68	1.5	210	5
01/08/24 13:15	23	21	44	1	12.4	67	1.6	220	6
01/08/24 13:20	22	20	42	0	12.5	68	1.7	206	6
01/08/24 13:25	20	20	40	1	13.1	67	1.2	176	19
01/08/24 13:30	20	20	40	1	13.7	66	1.9	198	11
01/08/24 13:35	19	19	38	1	13.4	68	2.1	182	21
01/08/24 13:40	18	19	37	1	13.7	68	2.2	176	17
01/08/24 13:45	17	19	36	1	13.6	69	1.9	167	24
01/08/24 13:50	16	19	35	1	13.2	70	1.7	165	24
01/08/24 13:55	18	23	41	1	12.9	71	2.2	163	22
01/08/24 14:00	15	18	33	0	12.8	72	2.0	163	19

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/08/24 14:05	12	15	27	1	12.7	72	2.3	170	15
01/08/24 14:10	11	16	27	1	12.6	73	2.2	170	19
01/08/24 14:15	12	16	28	1	12.5	74	2.2	168	18
01/08/24 14:20	12	16	28	1	12.7	74	1.8	165	25
01/08/24 14:25	12	16	29	1	12.5	74	2.0	158	26
01/08/24 14:30	12	16	29	0	12.6	75	1.7	169	25
01/08/24 14:35	12	16	29	1	12.8	75	1.3	181	30
01/08/24 14:40	12	17	29	1	13.1	74	1.9	175	20
01/08/24 14:45	12	17	29	1	13.1	73	1.4	167	33
01/08/24 14:50	12	16	28	1	13.1	74	1.6	173	24
01/08/24 14:55	12	17	29	1	13.4	73	1.4	177	22
01/08/24 15:00	12	17	29	1	13.5	71	1.7	175	20
01/08/24 15:05	12	17	29	1	13.3	73	1.6	193	18
01/08/24 15:10	12	18	30	0	13.3	74	1.6	174	19
01/08/24 15:15	14	20	33	0	13.4	74	1.7	176	21
01/08/24 15:20	14	21	35	1	13.4	73	1.5	169	23
01/08/24 15:25	14	20	33	1	13.7	73	1.6	176	15
01/08/24 15:30	13	19	32	1	13.8	71	1.6	178	20
01/08/24 15:35	13	20	32	1	13.8	72	1.5	170	19
01/08/24 15:40	13	20	32	1	13.8	73	1.6	176	20
01/08/24 15:45	12	20	32	1	13.8	72	2.0	168	14
01/08/24 15:50	12	20	31	0	13.7	74	1.2	171	19
01/08/24 15:55	11	19	31	0	14.1	73	1.0	166	28
01/08/24 16:00	11	19	31	0	14.2	72	0.8	173	34
01/08/24 16:05	11	20	31	0	14.5	71	1.1	167	20
01/08/24 16:10	11	20	31	1	14.4	71	1.4	165	16
01/08/24 16:15	11	20	31	1	14.0	73	1.1	165	21
01/08/24 16:20	11	21	31	1	14.0	75	0.9	165	26
01/08/24 16:25	10	21	31	1	13.9	75	0.8	195	23
01/08/24 16:30	11	21	32	1	14.0	76	0.8	171	24
01/08/24 16:35	11	22	33	0	13.9	75	1.0	201	26
01/08/24 16:40	11	22	33	0	13.4	80	0.8	208	22
01/08/24 16:45	12	23	35	1	13.4	79	0.8	181	24
01/08/24 16:50	12	24	36	0	13.6	78	0.5	231	34
01/08/24 16:55	13	25	38	0	13.6	78	0.6	247	10
01/08/24 17:00	12	25	37	1	13.3	81	1.0	234	7
01/08/24 17:05	12	25	37	0	12.9	83	0.8	238	16
01/08/24 17:10	11	24	36	0	12.6	85	0.9	267	7
01/08/24 17:15	11	25	35	0	12.3	86	1.1	248	9
01/08/24 17:20	11	27	39	1	12.1	87	1.0	258	8
01/08/24 17:25	11	27	38	0	12.0	88	0.9	263	9
01/08/24 17:30	10	27	37	0	11.9	89	0.5	264	27
01/08/24 17:35	10	27	37	0	11.7	89	0.1	288	67
01/08/24 17:40	10	28	38	0	11.5	89	0.7	11	17
01/08/24 17:45	12	29	41	0	11.5	82	1.3	21	10
01/08/24 17:50	19	36	54	0	12.0	73	1.4	22	10
01/08/24 17:55	12	32	45	1	12.5	63	1.7	17	17
01/08/24 18:00	11	31	42	0	12.8	60	1.2	10	19
01/08/24 18:05	13	31	44	1	12.8	59	1.2	25	11
01/08/24 18:10	14	31	45	0	12.9	58	1.0	28	20
01/08/24 18:15	14	31	46	0	12.9	57	1.1	25	13
01/08/24 18:20	13	32	45	0	12.9	57	1.1	34	17
01/08/24 18:25	12	32	44	0	12.8	57	1.4	36	12
01/08/24 18:30	10	32	42	0	12.8	56	1.7	26	19
01/08/24 18:35	9	31	40	1	12.8	55	1.3	36	18
01/08/24 18:40	7	32	38	1	12.8	54	1.7	26	16
01/08/24 18:45	5	29	34	1	12.8	52	1.9	28	16
01/08/24 18:50	4	25	29	0	12.8	51	1.7	34	16
01/08/24 18:55	3	24	27	0	12.8	51	2.2	36	12
01/08/24 19:00	2	22	24	1	12.9	50	2.3	36	18
01/08/24 19:05	2	22	24	1	13.0	50	1.7	34	16
01/08/24 19:10	2	22	24	0	12.8	50	1.6	31	20
01/08/24 19:15	2	23	25	0	12.8	50	2.0	32	14
01/08/24 19:20	2	23	25	0	12.8	51	1.2	29	20
01/08/24 19:25	2	24	26	1	12.7	51	1.5	21	18
01/08/24 19:30	2	25	27	1	12.5	52	1.4	27	23
01/08/24 19:35	3	26	29	1	12.5	53	1.7	28	16
01/08/24 19:40	3	28	30	1	12.2	54	1.8	13	19
01/08/24 19:45	3	29	32	1	12.1	55	1.4	26	22
01/08/24 19:50	4	29	33	1	12.1	56	1.2	24	21
01/08/24 19:55	4	30	34	0	11.9	56	1.6	31	17
01/08/24 20:00	4	30	34	1	11.8	56	1.7	33	14
01/08/24 20:05	4	30	34	0	11.7	57	1.5	35	15
01/08/24 20:10	4	30	34	0	11.6	57	1.8	35	12
01/08/24 20:15	4	30	35	0	11.4	58	1.2	34	15
01/08/24 20:20	4	30	34	0	11.2	58	1.5	31	12
01/08/24 20:25	4	30	34	0	11.2	58	1.6	30	14
01/08/24 20:30	4	29	33	0	11.2	59	1.3	26	17
01/08/24 20:35	3	29	32	0	11.0	59	1.1	18	21
01/08/24 20:40	3	28	32	0	11.0	58	1.1	10	24
01/08/24 20:45	3	28	31	0	11.0	57	1.3	19	26
01/08/24 20:50	3	27	30	0	11.0	57	1.6	15	22
01/08/24 20:55	2	27	29	0	11.0	58	1.3	17	20
01/08/24 21:00	2	26	28	1	11.0	58	1.3	16	25

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/08/24 21:05	2	25	28	0	10.9	59	1.6	14	21
01/08/24 21:10	2	25	27	0	10.9	59	1.4	17	23
01/08/24 21:15	2	25	27	1	10.9	59	2.0	359	17
01/08/24 21:20	2	24	26	1	10.8	59	1.8	10	18
01/08/24 21:25	2	24	26	1	10.7	60	1.7	3	24
01/08/24 21:30	2	24	26	1	10.5	61	1.4	21	29
01/08/24 21:35	2	24	26	0	10.4	61	1.6	22	23
01/08/24 21:40	2	25	27	0	10.4	62	1.6	27	23
01/08/24 21:45	2	25	27	0	10.2	62	1.2	32	17
01/08/24 21:50	2	25	27	0	10.2	63	1.0	37	21
01/08/24 21:55	2	25	27	0	10.1	64	1.0	9	28
01/08/24 22:00	2	25	27	0	10.1	63	1.3	356	26
01/08/24 22:05	2	24	26	0	10.1	63	1.5	8	26
01/08/24 22:10	2	24	26	0	10.1	64	1.7	6	23
01/08/24 22:15	2	24	26	0	10.0	64	1.5	6	25
01/08/24 22:20	2	24	25	0	10.0	65	1.4	2	26
01/08/24 22:25	2	24	25	0	9.9	65	1.3	354	34
01/08/24 22:30	2	23	25	0	9.9	66	1.3	1	31
01/08/24 22:35	2	24	26	0	9.7	67	1.2	19	25
01/08/24 22:40	2	24	26	0	9.5	68	1.4	22	23
01/08/24 22:45	2	24	27	0	9.5	68	1.2	30	19
01/08/24 22:50	3	25	27	0	9.4	69	1.1	32	25
01/08/24 22:55	3	25	28	0	9.2	70	1.2	59	15
01/08/24 23:00	5	26	30	0	9.1	71	1.1	49	22
01/08/24 23:05	6	26	32	0	8.9	72	1.2	42	26
01/08/24 23:10	6	26	32	0	8.8	72	1.0	48	23
01/08/24 23:15	6	26	32	0	8.6	73	0.9	46	29
01/08/24 23:20	6	26	32	0	8.7	73	0.8	29	28
01/08/24 23:25	5	25	31	0	8.7	72	1.1	42	23
01/08/24 23:30	5	25	30	0	8.7	73	1.0	50	26
01/08/24 23:35	4	25	29	0	8.6	73	0.8	28	35
01/08/24 23:40	4	24	28	0	8.7	72	0.9	70	20
01/08/24 23:45	4	24	27	0	8.6	74	0.8	83	13
01/08/24 23:50	4	24	27		8.3	76	0.9	80	14
01/08/24 23:55	4	23	27		8.1	77	0.9	73	11
02/08/24 00:00	4	23	27	0	8.0	77	1.0	78	11
02/08/24 00:05	3	23	26	2	8.0	78	0.8	65	27
02/08/24 00:10	3	23	26	1	8.0	77	1.0	45	21
02/08/24 00:15	3	23	26	1	8.3	75	1.4	38	21
02/08/24 00:20	3	22	25	1	8.6	73	1.7	39	16
02/08/24 00:25	3	21	24	1	8.7	72	1.3	40	18
02/08/24 00:30	2	21	23	1	8.9	72	1.3	29	25
02/08/24 00:35	2	20	22	1	8.9	71	0.9	14	25
02/08/24 00:40	2	19	21	2	9.0	71	1.8	6	21
02/08/24 00:45	2	19	20	2	9.0	71	2.1	18	23
02/08/24 00:50	1	18	19	1	9.0	71	1.3	8	24
02/08/24 00:55	1	17	18	1	8.9	71	1.7	357	20
02/08/24 01:00	1	17	18	1	8.8	72	1.1	21	30
02/08/24 01:05					8.6	73	1.2	26	30
02/08/24 01:10					8.4	73	1.6	22	23
02/08/24 01:15					8.4	73	1.8	22	19
02/08/24 01:20					8.4	74	1.8	30	23
02/08/24 01:25					8.3	73	1.8	35	19
02/08/24 01:30					8.3	74	1.9	42	17
02/08/24 01:35					8.2	74	1.4	45	25
02/08/24 01:40					8.3	74	1.2	40	26
02/08/24 01:45					8.3	74	1.4	347	36
02/08/24 01:50					8.4	74	1.1	13	31
02/08/24 01:55					8.3	74	1.7	31	23
02/08/24 02:00					8.3	74	1.6	48	24
02/08/24 02:05	1	16	17	1	8.2	76	1.3	73	24
02/08/24 02:10	1	16	17	1	7.8	78	0.9	78	29
02/08/24 02:15	1	16	16	1	7.6	78	1.7	41	24
02/08/24 02:20	1	16	16	1	8.2	76	1.4	25	27
02/08/24 02:25	1	15	16	1	8.5	74	1.9	10	24
02/08/24 02:30	1	14	15	1	8.7	73	1.2	353	35
02/08/24 02:35	1	14	14	1	8.5	74	1.3	7	24
02/08/24 02:40	1	14	15	1	8.3	75	1.2	14	26
02/08/24 02:45	1	14	15	1	8.2	75	1.4	15	24
02/08/24 02:50	1	14	15	1	8.2	75	2.1	4	21
02/08/24 02:55	0	14	14	1	8.2	75	0.7	329	54
02/08/24 03:00	0	14	14	2	8.3	75	1.2	349	33
02/08/24 03:05	1	14	14	2	8.2	75	1.4	13	23
02/08/24 03:10	1	14	15	2	8.1	75	1.4	18	29
02/08/24 03:15	0	14	14	2	8.2	74	1.6	20	28
02/08/24 03:20	0	13	13	2	8.5	73	1.1	345	41
02/08/24 03:25	0	13	13	2	8.4	74	1.1	324	36
02/08/24 03:30	0	13	13	2	8.3	74	1.0	317	32
02/08/24 03:35	0	13	14	1	8.2	74	1.8	320	22
02/08/24 03:40	1	14	14	1	8.0	75	1.4	348	34
02/08/24 03:45	1	15	15	1	7.8	76	1.6	354	29
02/08/24 03:50	1	16	17	1	7.6	77	1.2	356	32
02/08/24 03:55	2	17	19	2	7.4	77	1.5	350	29
02/08/24 04:00	2	18	20	1	7.3	77	1.5	357	25

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/08/24 04:05	3	19	22	2	7.2	78	0.7	26	38
02/08/24 04:10	3	21	25	1	7.0	79	0.8	13	40
02/08/24 04:15	4	22	26	1	6.7	80	0.9	42	26
02/08/24 04:20	5	22	27	1	6.7	81	0.6	5	43
02/08/24 04:25	5	22	27	2	6.7	80	0.9	27	30
02/08/24 04:30	6	21	27	2	6.7	81	0.9	34	14
02/08/24 04:35	6	21	27	2	6.4	82	1.0	40	15
02/08/24 04:40	6	20	26	1	6.3	83	0.8	39	18
02/08/24 04:45	5	19	24	1	6.1	84	1.3	46	8
02/08/24 04:50	5	17	22	1	6.0	85	1.1	44	6
02/08/24 04:55	4	16	21	1	5.8	85	1.5	53	6
02/08/24 05:00	4	16	20	1	5.8	85	1.2	39	10
02/08/24 05:05	4	16	21	1	5.8	86	0.9	34	7
02/08/24 05:10	5	17	22	1	5.8	85	0.9	56	13
02/08/24 05:15	5	17	22	1	5.9	85	0.8	71	11
02/08/24 05:20	5	17	22	1	5.9	85	0.8	78	8
02/08/24 05:25	5	17	22	1	5.8	85	0.5	73	18
02/08/24 05:30	4	17	21	1	5.8	85	1.0	60	12
02/08/24 05:35	4	17	20	1	5.8	85	1.0	39	9
02/08/24 05:40	3	16	20	1	5.8	84	0.9	42	7
02/08/24 05:45	3	16	19	1	5.8	84	0.8	45	11
02/08/24 05:50	3	16	19	2	5.9	84	0.8	56	9
02/08/24 05:55	2	17	19	2	6.0	84	0.7	78	15
02/08/24 06:00	3	17	19	2	5.9	84	0.6	83	24
02/08/24 06:05	3	17	20	2	5.9	84	0.6	100	20
02/08/24 06:10	4	17	21	2	5.7	84	0.5	75	27
02/08/24 06:15	5	18	22	2	5.6	85	0.1	131	83
02/08/24 06:20	5	18	23	2	5.5	86	0.2	329	62
02/08/24 06:25	11	19	30	2	5.7	85	0.5	320	37
02/08/24 06:30	24	22	46	2	6.0	84	0.9	316	34
02/08/24 06:35	27	23	49	2	6.1	82	0.7	12	36
02/08/24 06:40	28	23	52	2	5.9	82	0.5	7	44
02/08/24 06:45	30	23	54	2	5.9	84	0.6	310	50
02/08/24 06:50	33	27	60	2	6.1	83	1.0	7	32
02/08/24 06:55	46	28	74	2	5.9	83	0.8	25	23
02/08/24 07:00	55	23	78	2	5.8	83	0.9	33	21
02/08/24 07:05	53	25	77	2	5.8	84	0.9	35	15
02/08/24 07:10	53	24	78	2	5.7	84	0.7	49	14
02/08/24 07:15	58	23	81	2	5.7	84	0.9	87	12
02/08/24 07:20	63	28	92	2	5.6	85	0.5	25	40
02/08/24 07:25	63	28	91	2	5.7	85	0.9	21	12
02/08/24 07:30	74	32	105	2	5.8	84	0.8	355	24
02/08/24 07:35	89	29	118	2	6.0	83	0.4	55	23
02/08/24 07:40	88	29	117	2	6.0	83	0.5	45	20
02/08/24 07:45	92	32	124	2	6.1	83	0.5	52	39
02/08/24 07:50	80	28	108	2	6.0	83	0.5	99	29
02/08/24 07:55	89	28	117	2	6.4	83	0.3	124	32
02/08/24 08:00	86	29	115	2	6.3	82	0.7	144	21
02/08/24 08:05	60	23	83	2	6.4	84	0.9	126	11
02/08/24 08:10	51	23	74	2	6.4	83	0.5	131	31
02/08/24 08:15	53	25	78	2	6.6	82	0.4	114	48
02/08/24 08:20	49	24	73	2	6.9	81	0.5	91	32
02/08/24 08:25	51	24	76	2	7.2	79	0.4	41	39
02/08/24 08:30	59	26	85	2	7.5	77	0.6	22	46
02/08/24 08:35	63	28	91	2	8.1	75	0.6	44	51
02/08/24 08:40	49	28	77	2	8.8	71	1.5	28	27
02/08/24 08:45	32	26	59	2	9.1	69	2.2	24	24
02/08/24 08:50	26	25	51	2	9.3	69	1.8	19	26
02/08/24 08:55	25	25	50	2	9.6	67	2.1	28	23
02/08/24 09:00	25	24	49	2	9.9	66	2.3	27	23
02/08/24 09:05	23	24	47	2	10.2	65	2.7	20	23
02/08/24 09:10	22	24	46	2	10.4	64	2.7	20	26
02/08/24 09:15	20	23	44	2	10.6	63	2.9	14	20
02/08/24 09:20	19	21	40	2	10.9	62	2.6	13	28
02/08/24 09:25	18	19	37	2	11.1	61	3.6	14	19
02/08/24 09:30	17	17	34	2	11.2	61	2.7	18	21
02/08/24 09:35	16	17	33	2	11.3	61	2.7	16	29
02/08/24 09:40	15	17	32	2	11.6	60	2.9	20	24
02/08/24 09:45	15	17	32	2	11.7	60	3.2	17	22
02/08/24 09:50	14	17	32	2	11.9	59	3.2	23	22
02/08/24 09:55	14	17	30	2	12.2	58	2.4	17	27
02/08/24 10:00	12	16	28	2	12.5	57	3.4	24	26
02/08/24 10:05	11	12	23	2	12.6	56	3.5	22	20
02/08/24 10:10	9	9	18	2	12.7	56	2.9	17	27
02/08/24 10:15	7	11	18	2	12.9	56	3.0	7	22
02/08/24 10:20	6	10	16	2	13.0	55	4.4	11	19
02/08/24 10:25	5	10	16	2	13.2	55	3.1	17	23
02/08/24 10:30	5	10	16	2	13.3	54	3.7	5	20
02/08/24 10:35	5	10	15	2	13.5	54	3.4	14	24
02/08/24 10:40	5	10	15	2	13.7	53	3.5	16	24
02/08/24 10:45	5	9	14	2	13.7	52	4.0	17	19
02/08/24 10:50	5	9	14	2	13.9	52	4.3	6	22
02/08/24 10:55	5	9	13	2	13.9	52	4.7	10	26
02/08/24 11:00	4	9	13	2	13.9	52	4.3	9	21

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/08/24 11:05	4	8	12	2	14.0	51	4.3	19	19
02/08/24 11:10	4	8	12	2	14.1	51	4.6	14	19
02/08/24 11:15	4	8	12	2	14.2	51	4.7	21	21
02/08/24 11:20	4	8	11	2	14.4	50	3.9	6	25
02/08/24 11:25	3	7	11	1	14.4	50	5.0	14	20
02/08/24 11:30	3	7	11	2	14.5	50	3.9	23	25
02/08/24 11:35	3	8	11	2	14.6	49	3.6	15	23
02/08/24 11:40	3	8	11	2	14.8	49	4.5	10	26
02/08/24 11:45	3	8	11	2	14.8	49	3.3	3	24
02/08/24 11:50	3	8	11	2	14.8	50	3.8	20	23
02/08/24 11:55	3	8	12	1	14.9	49	3.4	15	23
02/08/24 12:00	4	9	12	1	15.1	48	4.7	5	22
02/08/24 12:05	4	9	12	2	15.1	47	4.6	6	28
02/08/24 12:10	4	8	12	2	15.1	47	3.9	5	25
02/08/24 12:15	4	9	12	2	15.1	47	5.1	3	22
02/08/24 12:20	4	8	12	2	15.3	47	3.7	345	31
02/08/24 12:25	4	8	12	2	15.3	47	3.6	360	29
02/08/24 12:30	4	9	13	1	15.4	46	3.9	351	29
02/08/24 12:35	4	9	13	1	15.5	46	3.7	19	19
02/08/24 12:40	4	9	13	1	15.8	45	4.0	360	27
02/08/24 12:45	4	8	12	1	15.5	45	4.3	6	21
02/08/24 12:50	4	8	12	1	15.8	45	3.7	8	28
02/08/24 12:55	4	8	12	1	15.8	45	3.4	0	21
02/08/24 13:00	4	8	12	1	16.0	44	4.7	13	19
02/08/24 13:05	3	8	11	1	16.0	45	3.7	14	25
02/08/24 13:10	3	7	11	2	16.0	44	3.5	10	26
02/08/24 13:15	3	8	11	2	16.1	44	3.0	356	28
02/08/24 13:20	3	8	11	2	16.2	44	3.9	8	23
02/08/24 13:25	3	8	12	2	16.2	44	3.2	6	23
02/08/24 13:30	4	8	12	2	16.3	44	3.4	8	25
02/08/24 13:35	4	8	12	2	16.3	44	4.1	10	21
02/08/24 13:40	3	8	11	2	16.2	44	3.7	354	31
02/08/24 13:45	4	8	12	2	16.3	44	3.3	0	26
02/08/24 13:50	4	9	13	1	16.4	44	2.6	354	32
02/08/24 13:55	4	9	13	2	16.5	44	3.6	7	27
02/08/24 14:00	4	9	12	2	16.4	43	3.7	12	28
02/08/24 14:05	3	8	12	1	16.1	45	4.1	6	20
02/08/24 14:10	3	9	12	1	16.1	46	2.4	357	30
02/08/24 14:15	4	10	13	1	16.2	46	3.2	8	27
02/08/24 14:20	4	9	12	2	16.3	45	4.6	13	16
02/08/24 14:25	3	8	12	2	16.2	45	3.4	357	32
02/08/24 14:30	3	8	11	1	16.1	45	3.8	359	26
02/08/24 14:35	3	8	11	1	15.8	46	2.8	13	28
02/08/24 14:40	3	9	12	1	15.9	46	4.1	6	21
02/08/24 14:45	3	9	11	1	15.8	46	4.6	4	22
02/08/24 14:50	3	9	12	1	15.9	46	2.5	360	37
02/08/24 14:55	3	10	13	1	15.9	47	3.5	4	25
02/08/24 15:00	3	10	13	1	15.8	47	3.3	7	20
02/08/24 15:05	3	10	13	1	15.6	48	3.7	12	21
02/08/24 15:10	3	10	13	1	15.5	48	4.1	10	24
02/08/24 15:15	3	10	13	1	15.5	48	2.6	10	28
02/08/24 15:20	3	12	15	1	15.5	49	2.6	10	25
02/08/24 15:25	3	12	16	1	15.5	48	3.4	358	28
02/08/24 15:30	3	9	12	1	15.4	48	3.7	2	24
02/08/24 15:35	3	10	12	1	15.3	48	4.1	21	21
02/08/24 15:40	2	9	12	1	15.2	48	4.9	23	16
02/08/24 15:45	2	9	12	1	15.1	49	3.7	22	19
02/08/24 15:50	2	9	12	1	15.2	49	3.7	12	13
02/08/24 15:55	2	10	11	1	15.2	49	4.1	16	18
02/08/24 16:00	2	10	11	1	15.2	48	4.4	17	25
02/08/24 16:05	2	10	11	1	15.2	48	3.7	16	17
02/08/24 16:10	2	10	12	1	15.2	48	2.7	25	21
02/08/24 16:15	2	10	12	1	15.2	49	2.4	15	26
02/08/24 16:20	1	11	12	1	15.2	49	2.8	10	27
02/08/24 16:25	2	11	13	1	15.2	49	2.8	10	27
02/08/24 16:30	2	12	13	1	15.2	49	3.3	9	24
02/08/24 16:35	2	12	13	1	15.4	48	4.1	9	22
02/08/24 16:40	2	11	13	1	15.5	47	4.2	8	22
02/08/24 16:45	1	10	12	1	15.5	47	3.3	4	21
02/08/24 16:50	1	10	11	1	15.3	48	4.6	7	15
02/08/24 16:55	1	10	11	1	15.2	48	3.8	25	20
02/08/24 17:00	1	10	11	1	15.1	48	3.0	21	23
02/08/24 17:05	1	10	11	1	15.0	49	2.9	21	32
02/08/24 17:10	1	11	11	1	15.0	49	2.9	24	23
02/08/24 17:15	1	11	11	1	15.0	49	3.3	3	23
02/08/24 17:20	1	10	11	1	15.0	48	3.5	9	24
02/08/24 17:25	1	10	11	1	15.0	48	3.9	13	21
02/08/24 17:30	1	10	11	1	14.9	49	2.8	2	24
02/08/24 17:35	1	11	11	1	14.8	49	3.0	0	28
02/08/24 17:40	1	12	12	1	14.8	49	2.5	8	23
02/08/24 17:45	1	12	12	1	14.6	50	2.6	18	23
02/08/24 17:50	1	12	13	1	14.6	50	3.0	5	23
02/08/24 17:55	0	12	12	1	14.6	51	3.1	2	26
02/08/24 18:00	0	12	12	1	14.5	51	2.0	1	34

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/08/24 18:05	0	13	13	1	14.4	52	3.3	5	20
02/08/24 18:10	0	13	14	1	14.4	52	2.4	18	27
02/08/24 18:15	1	14	14	1	14.2	52	2.5	24	24
02/08/24 18:20	1	13	14	1	14.0	53	2.9	20	18
02/08/24 18:25	1	13	14	1	14.1	53	2.7	13	22
02/08/24 18:30	1	13	14	1	14.1	53	2.6	8	25
02/08/24 18:35	1	14	14	1	14.1	53	2.2	11	21
02/08/24 18:40	1	15	15	1	13.9	54	2.1	13	21
02/08/24 18:45	1	16	16	1	13.7	55	2.6	9	21
02/08/24 18:50	1	16	17	1	13.7	55	2.0	6	25
02/08/24 18:55	1	15	16	1	13.6	55	2.5	11	20
02/08/24 19:00	1	15	16	1	13.7	56	2.9	19	19
02/08/24 19:05	1	14	15	1	13.7	56	3.1	18	21
02/08/24 19:10	1	14	15	1	13.6	56	3.5	24	21
02/08/24 19:15	1	13	14	1	13.6	57	2.8	14	18
02/08/24 19:20	1	13	14	1	13.6	57	2.5	5	30
02/08/24 19:25	1	13	14	1	13.6	58	2.1	0	24
02/08/24 19:30	1	13	13	1	13.5	58	2.0	356	28
02/08/24 19:35	0	13	14	1	13.4	58	2.2	15	24
02/08/24 19:40	1	14	14	1	13.3	58	2.8	21	19
02/08/24 19:45	1	14	14	1	13.3	58	3.0	14	14
02/08/24 19:50	1	13	14	1	13.4	58	2.7	6	25
02/08/24 19:55	1	13	14	1	13.4	58	1.7	359	33
02/08/24 20:00	1	13	13	1	13.3	58	2.2	14	20
02/08/24 20:05	1	13	14	1	13.3	58	2.4	5	28
02/08/24 20:10	1	13	14	1	13.2	58	2.9	19	21
02/08/24 20:15	2	13	15	1	13.2	58	3.1	21	17
02/08/24 20:20	2	13	15	1	13.2	58	3.1	21	20
02/08/24 20:25	1	12	14	1	13.3	58	3.6	23	15
02/08/24 20:30	1	11	12	1	13.3	57	3.9	28	17
02/08/24 20:35	1	11	11	1	13.3	57	4.1	22	15
02/08/24 20:40	1	10	11	1	13.3	57	2.7	19	23
02/08/24 20:45	1	11	11	1	13.3	58	2.5	11	24
02/08/24 20:50	1	10	11	1	13.3	58	3.8	25	22
02/08/24 20:55	1	10	11	1	13.3	58	3.2	22	19
02/08/24 21:00	1	10	10	1	13.2	58	3.3	16	14
02/08/24 21:05	1	10	11	1	13.1	59	2.9	24	18
02/08/24 21:10	1	11	12	1	13.0	59	2.8	26	17
02/08/24 21:15	3	12	15	1	12.9	60	2.5	20	18
02/08/24 21:20	2	13	15	1	12.8	60	2.5	13	22
02/08/24 21:25	9	28	37	1	12.9	60	2.3	14	24
02/08/24 21:30	3	14	18	1	12.9	61	2.4	10	18
02/08/24 21:35	0	13	13	1	12.8	61	2.6	4	21
02/08/24 21:40	0	13	13	1	12.8	61	2.0	4	24
02/08/24 21:45	0	13	14	1	12.6	62	2.3	2	23
02/08/24 21:50	0	13	14	1	12.6	62	2.7	0	18
02/08/24 21:55	1	13	14	1	12.6	62	1.9	13	22
02/08/24 22:00	1	14	14	1	12.5	63	2.3	22	20
02/08/24 22:05	1	13	14	1	12.5	63	2.6	24	17
02/08/24 22:10	1	13	14	1	12.5	63	2.1	24	23
02/08/24 22:15	1	14	14	1	12.6	63	2.9	19	14
02/08/24 22:20	1	13	14	1	12.7	63	2.4	8	20
02/08/24 22:25	1	13	14	1	12.7	63	2.0	5	30
02/08/24 22:30	0	13	13	1	12.6	63	2.1	8	24
02/08/24 22:35	1	13	13	1	12.6	64	1.9	10	23
02/08/24 22:40	1	12	13	1	12.5	64	1.9	6	23
02/08/24 22:45	1	13	13	1	12.6	64	1.9	360	24
02/08/24 22:50	0	13	13	1	12.6	64	1.9	2	22
02/08/24 22:55	0	13	14	1	12.6	64	1.8	0	31
02/08/24 23:00	1	14	14	1	12.7	64	1.6	6	33
02/08/24 23:05	1	14	14	1	12.7	64	1.9	353	23
02/08/24 23:10	1	13	14	1	12.8	64	2.4	358	22
02/08/24 23:15	1	13	14	1	12.8	63	1.3	6	32
02/08/24 23:20	2	13	14	1	12.8	64	1.8	14	25
02/08/24 23:25	1	12	14	1	12.7	64	1.6	6	25
02/08/24 23:30	1	12	12	1	12.9	63	1.7	2	30
02/08/24 23:35	1	11	11	1	12.9	63	2.1	2	25
02/08/24 23:40	1	10	10	1	12.9	63	1.2	4	41
02/08/24 23:45	1	9	10	1	12.9	64	1.7	349	28
02/08/24 23:50	1	9	10		12.8	64	2.3	357	23
02/08/24 23:55	1	9	10		12.8	64	1.4	9	28
03/08/24 00:00	1	9	10	1	12.7	64	2.1	2	24
03/08/24 00:05	0	9	9	2	12.8	64	2.3	355	25
03/08/24 00:10	0	8	9	1	12.8	63	2.2	2	23
03/08/24 00:15	0	8	8	1	12.9	63	2.9	358	23
03/08/24 00:20	0	8	8	1	12.9	63	2.1	9	24
03/08/24 00:25	0	7	8	1	12.9	63	2.1	4	26
03/08/24 00:30	0	7	7	2	12.8	63	2.1	10	23
03/08/24 00:35	0	7	7	2	12.7	64	2.5	7	23
03/08/24 00:40	0	7	7	1	12.8	64	3.1	14	17
03/08/24 00:45	0	7	7	1	12.8	63	2.8	15	18
03/08/24 00:50	0	7	7	1	12.8	63	3.3	13	19
03/08/24 00:55	0	6	7	1	12.8	63	2.2	9	30
03/08/24 01:00	0	6	7	1	12.8	63	2.6	12	20

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/08/24 01:05					12.6	64	2.4	8	23
03/08/24 01:10					12.6	64	2.5	5	25
03/08/24 01:15					12.6	64	3.1	5	18
03/08/24 01:20					12.6	64	3.1	7	19
03/08/24 01:25					12.4	64	2.4	6	25
03/08/24 01:30					12.5	65	2.4	2	29
03/08/24 01:35					12.4	65	2.7	5	26
03/08/24 01:40					12.4	65	2.5	10	27
03/08/24 01:45					12.4	65	2.1	9	26
03/08/24 01:50					12.3	65	2.6	1	21
03/08/24 01:55					12.3	65	1.9	11	28
03/08/24 02:00					12.3	65	2.6	6	25
03/08/24 02:05	0	6	6	2	12.3	65	2.3	358	31
03/08/24 02:10	0	6	6	2	12.2	65	2.1	16	27
03/08/24 02:15	0	6	6	2	12.1	66	1.9	9	27
03/08/24 02:20	0	6	6	2	12.1	66	2.6	3	24
03/08/24 02:25	0	6	6	2	12.0	66	2.1	19	18
03/08/24 02:30	0	6	6	2	11.9	67	1.9	5	34
03/08/24 02:35	0	6	6	2	11.9	66	2.6	6	26
03/08/24 02:40	0	6	6	2	12.0	66	3.0	13	24
03/08/24 02:45	0	5	5	2	12.0	66	1.8	21	26
03/08/24 02:50	0	5	5	2	11.9	67	2.1	28	23
03/08/24 02:55	0	5	5	2	11.8	67	2.3	9	25
03/08/24 03:00	0	5	5	2	11.8	67	2.2	10	24
03/08/24 03:05	0	5	5	2	11.7	67	2.3	14	27
03/08/24 03:10	0	5	5	2	11.8	67	2.3	14	25
03/08/24 03:15	0	5	5	2	11.8	67	2.3	22	22
03/08/24 03:20	0	5	5	1	11.8	67	1.9	23	19
03/08/24 03:25	0	5	5	1	11.7	67	2.1	14	22
03/08/24 03:30	0	5	5	1	11.7	67	2.2	20	25
03/08/24 03:35	0	5	5	1	11.8	67	2.3	22	25
03/08/24 03:40	0	5	5	1	11.7	67	1.9	23	27
03/08/24 03:45	0	5	6	1	11.7	67	2.2	23	22
03/08/24 03:50	0	5	6	1	11.6	67	2.6	21	21
03/08/24 03:55	0	5	5	2	11.6	67	2.2	23	23
03/08/24 04:00	0	5	6	1	11.6	68	2.2	20	23
03/08/24 04:05	0	5	6	1	11.6	68	2.4	20	25
03/08/24 04:10	0	5	6	1	11.6	67	2.9	24	21
03/08/24 04:15	0	5	6	1	11.6	67	2.7	30	20
03/08/24 04:20	0	5	6	1	11.6	67	3.4	23	15
03/08/24 04:25	0	5	6	2	11.6	67	3.4	28	18
03/08/24 04:30	0	6	6	2	11.6	67	2.7	21	18
03/08/24 04:35	0	5	6	2	11.7	67	3.2	23	18
03/08/24 04:40	0	6	6	1	11.7	67	2.8	21	16
03/08/24 04:45	0	6	6	1	11.7	67	3.0	19	20
03/08/24 04:50	0	6	6	2	11.6	67	2.5	19	26
03/08/24 04:55	0	6	6	1	11.7	67	2.4	16	25
03/08/24 05:00	0	6	6	2	11.7	66	2.6	13	26
03/08/24 05:05	0	6	6	2	11.8	65	3.6	11	21
03/08/24 05:10	0	6	6	2	11.9	65	3.6	13	17
03/08/24 05:15	0	6	6	1	11.9	65	3.3	15	27
03/08/24 05:20	0	6	6	2	11.9	65	3.2	13	25
03/08/24 05:25	0	6	6	2	11.9	64	3.3	12	19
03/08/24 05:30	0	6	6	2	11.9	64	3.7	12	19
03/08/24 05:35	0	6	6	2	11.9	64	3.1	7	21
03/08/24 05:40	0	6	6	2	11.9	64	2.7	16	25
03/08/24 05:45	0	6	6	2	12.0	64	2.9	9	21
03/08/24 05:50	0	6	6	2	11.9	64	3.1	7	22
03/08/24 05:55	0	6	6	2	11.9	64	2.6	5	26
03/08/24 06:00	0	6	6	2	11.9	64	3.3	5	17
03/08/24 06:05	0	7	7	1	11.9	64	3.0	1	20
03/08/24 06:10	0	8	8	1	11.8	65	2.6	6	25
03/08/24 06:15	0	9	9	1	11.8	65	2.5	13	21
03/08/24 06:20	0	9	10	1	11.8	64	3.0	5	22
03/08/24 06:25	0	9	9	1	11.7	64	3.2	11	24
03/08/24 06:30	0	9	9	1	11.7	64	2.6	3	26
03/08/24 06:35	0	8	8	1	11.8	64	3.3	6	21
03/08/24 06:40	0	8	8	1	11.9	64	3.6	4	17
03/08/24 06:45	0	8	8	1	11.8	64	2.7	2	24
03/08/24 06:50	0	8	8	1	11.8	64	2.2	4	32
03/08/24 06:55	0	8	9	1	11.8	64	2.1	347	35
03/08/24 07:00	0	10	10	1	11.7	64	2.2	350	31
03/08/24 07:05	0	12	13	1	11.7	64	1.8	1	28
03/08/24 07:10	0	15	16	2	11.8	64	2.6	358	28
03/08/24 07:15	1	16	16	2	11.8	63	2.4	6	25
03/08/24 07:20	1	16	16	2	11.8	63	2.3	4	30
03/08/24 07:25	1	15	15	2	11.9	63	2.6	2	24
03/08/24 07:30	1	14	14	2	11.8	63	3.1	0	21
03/08/24 07:35	1	13	14	2	11.8	63	2.1	4	32
03/08/24 07:40	1	13	14	1	11.9	63	1.9	359	31
03/08/24 07:45	1	14	14	1	11.9	63	1.3	357	42
03/08/24 07:50	1	14	15	2	11.9	63	2.0	346	31
03/08/24 07:55	1	14	15	2	11.9	64	0.8	345	46
03/08/24 08:00	1	15	16	1	11.9	64	1.4	342	38

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/08/24 08:05	1	15	17	1	11.9	64	1.6	325	34
03/08/24 08:10	2	18	20	1	11.9	63	1.4	346	27
03/08/24 08:15	2	19	22	1	12.0	63	1.5	342	32
03/08/24 08:20	3	19	22	1	12.0	63	1.5	323	30
03/08/24 08:25	3	20	23	1	12.0	63	1.8	313	26
03/08/24 08:30	5	22	27	1	12.1	62	1.9	312	23
03/08/24 08:35	6	23	29	2	12.0	63	1.9	315	26
03/08/24 08:40	7	23	31	2	12.1	63	2.4	321	29
03/08/24 08:45	7	21	28	2	12.0	63	2.6	326	22
03/08/24 08:50	6	19	25	2	12.0	63	1.8	326	30
03/08/24 08:55	7	20	27	2	12.0	63	2.3	319	29
03/08/24 09:00	7	21	28	2	12.0	63	2.4	337	26
03/08/24 09:05	7	21	28	2	11.9	63	2.1	342	29
03/08/24 09:10	7	20	28	2	12.0	63	1.9	329	26
03/08/24 09:15	7	20	27	2	12.0	63	2.2	325	28
03/08/24 09:20	7	19	26	2	12.1	64	1.8	319	23
03/08/24 09:25	7	19	26	2	12.1	64	1.8	315	25
03/08/24 09:30	7	19	26	2	12.0	63	2.1	345	33
03/08/24 09:35	8	19	27	2	12.1	63	1.7	334	33
03/08/24 09:40	8	20	28	2	12.1	64	2.5	321	19
03/08/24 09:45	8	19	27	2	12.1	64	2.1	300	23
03/08/24 09:50	7	18	25	2	12.1	64	2.2	332	26
03/08/24 09:55	7	17	24	2	12.1	63	1.9	340	26
03/08/24 10:00	7	18	25	2	12.2	63	2.2	338	23
03/08/24 10:05	7	18	25	2	12.2	63	2.0	334	30
03/08/24 10:10	7	17	24	3	12.2	63	2.2	336	23
03/08/24 10:15	6	17	23	2	12.3	63	2.0	326	25
03/08/24 10:20	6	16	22	2	12.3	63	1.5	318	27
03/08/24 10:25	6	16	22	2	12.3	63	1.8	331	31
03/08/24 10:30	6	16	22	2	12.4	63	1.6	315	27
03/08/24 10:35	6	16	21	2	12.4	63	1.5	315	18
03/08/24 10:40	6	16	22	2	12.5	63	1.4	318	37
03/08/24 10:45	7	16	23	2	12.6	62	1.5	357	29
03/08/24 10:50	9	19	27	3	12.7	62	2.1	345	28
03/08/24 10:55	10	20	30	3	12.7	62	1.3	335	28
03/08/24 11:00	11	21	32	3	12.8	62	1.0	311	35
03/08/24 11:05	13	21	34	3	12.9	61	1.8	350	29
03/08/24 11:10	12	20	32	3	13.0	60	1.6	345	36
03/08/24 11:15	12	16	28	3	13.1	60	1.1	341	32
03/08/24 11:20	10	13	24	3	13.2	59	1.3	335	33
03/08/24 11:25	8	9	17	3	13.2	59	1.4	1	33
03/08/24 11:30	6	11	17	3	13.3	59	1.0	359	35
03/08/24 11:35	5	12	17	3	13.4	59	0.8	319	34
03/08/24 11:40	5	12	17	3	13.6	58	1.0	7	33
03/08/24 11:45	5	12	17	3	13.8	57	1.2	339	38
03/08/24 11:50	6	12	18	3	13.7	57	1.5	302	30
03/08/24 11:55	6	12	18	3	13.8	56	1.1	309	29
03/08/24 12:00	6	12	17	2	13.7	56	1.9	311	12
03/08/24 12:05	5	11	17	3	13.8	56	1.5	353	24
03/08/24 12:10	5	11	16	3	14.0	56	1.7	21	18
03/08/24 12:15	5	10	15	3	14.1	56	1.3	4	22
03/08/24 12:20	5	10	15	3	14.1	57	0.9	304	40
03/08/24 12:25	5	10	15	3	13.9	57	1.1	346	47
03/08/24 12:30	5	11	15	2	14.2	56	1.3	3	22
03/08/24 12:35	5	11	15	2	14.4	56	1.4	10	25
03/08/24 12:40	5	11	15	2	14.3	57	1.8	281	23
03/08/24 12:45	5	11	15	2	13.9	60	2.0	268	9
03/08/24 12:50	4	11	15	2	13.8	63	1.6	244	9
03/08/24 12:55	4	11	15	2	13.6	62	1.9	233	6
03/08/24 13:00	4	11	15	2	13.5	66	1.7	228	18
03/08/24 13:05	4	10	15	2	13.5	63	1.2	231	22
03/08/24 13:10	4	10	14	2	13.7	60	1.0	211	10
03/08/24 13:15	4	10	14	2	14.0	60	0.9	239	21
03/08/24 13:20	4	10	14	2	14.1	59	1.0	208	10
03/08/24 13:25	4	10	14	2	14.2	58	1.5	202	6
03/08/24 13:30	4	11	14	2	14.3	57	1.2	217	12
03/08/24 13:35	4	11	14	2	14.2	60	1.0	216	16
03/08/24 13:40	3	11	15	2	14.2	59	0.8	190	21
03/08/24 13:45	4	12	16	2	14.3	57	1.2	164	14
03/08/24 13:50	4	12	16	3	14.4	57	1.4	167	15
03/08/24 13:55	4	12	16	2	14.3	62	1.6	169	17
03/08/24 14:00	4	12	16	2	13.9	66	1.5	186	16
03/08/24 14:05	4	12	16	2	14.0	62	1.4	181	18
03/08/24 14:10	4	12	16	2	14.1	64	1.5	188	15
03/08/24 14:15	5	13	18	2	13.9	65	1.9	191	12
03/08/24 14:20	20	26	46	2	13.7	65	1.6	185	13
03/08/24 14:25	16	23	39	2	13.6	67	1.3	189	15
03/08/24 14:30	13	19	31	2	13.5	69	0.9	179	26
03/08/24 14:35	7	16	23	2	13.6	71	0.9	161	27
03/08/24 14:40	7	16	23	2	13.6	72	1.0	163	22
03/08/24 14:45	6	12	18	2	13.5	72	1.2	163	20
03/08/24 14:50	5	8	13	2	13.4	72	0.7	157	30
03/08/24 14:55	4	8	12	2	13.5	74	0.5	132	39
03/08/24 15:00	4	8	12	2	13.7	73	0.8	144	27

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/08/24 15:05	4	10	14	2	13.7	72	1.1	116	10
03/08/24 15:10	4	13	17	2	13.5	73	0.9	126	15
03/08/24 15:15	4	13	18	2	13.3	73	1.4	119	4
03/08/24 15:20	4	10	14	2	13.3	74	1.5	117	4
03/08/24 15:25	3	9	12	2	13.1	75	0.9	128	27
03/08/24 15:30	3	9	12	2	13.1	77	0.8	149	27
03/08/24 15:35	3	10	12	2	13.1	75	1.1	138	20
03/08/24 15:40	3	10	12	2	13.1	76	0.6	140	21
03/08/24 15:45	2	10	12	2	13.1	74	0.5	160	29
03/08/24 15:50	2	9	12	2	13.2	68	1.2	169	18
03/08/24 15:55	2	9	11	2	13.3	65	1.2	173	16
03/08/24 16:00	2	8	10	2	13.4	64	1.1	160	16
03/08/24 16:05	2	8	10	2	13.4	66	0.7	148	27
03/08/24 16:10	1	8	10	2	13.5	68	0.9	184	13
03/08/24 16:15	1	8	10	2	13.4	67	1.0	190	14
03/08/24 16:20	1	8	10	2	13.4	68	0.9	189	19
03/08/24 16:25	1	8	9	2	13.2	70	1.2	197	13
03/08/24 16:30	1	8	9	2	12.9	75	1.3	202	8
03/08/24 16:35	1	9	10	2	12.5	80	1.4	196	5
03/08/24 16:40	1	9	10	2	12.5	78	1.1	202	10
03/08/24 16:45	1	8	9	2	12.5	78	1.3	198	9
03/08/24 16:50	1	8	9	2	12.6	78	1.3	202	3
03/08/24 16:55	1	9	10	2	12.7	75	1.2	198	3
03/08/24 17:00	1	8	9	2	12.9	73	0.8	200	9
03/08/24 17:05	1	8	9	2	13.1	72	0.1	54	89
03/08/24 17:10	1	7	8	2	13.2	70	0.3	51	15
03/08/24 17:15	1	7	8	2	13.1	72	0.2	24	14
03/08/24 17:20	1	7	8	2	13.0	72	0.2	333	14
03/08/24 17:25	1	7	8	2	12.9	71	0.2	292	33
03/08/24 17:30	1	6	7	2	12.8	71	0.3	299	12
03/08/24 17:35	1	6	6	2	12.5	72	0.2	225	44
03/08/24 17:40	0	5	6	2	12.3	74	0.5	150	17
03/08/24 17:45	0	6	6	2	12.2	74	0.7	124	13
03/08/24 17:50	0	6	7	2	12.0	77	1.0	116	6
03/08/24 17:55	1	7	8	2	11.8	79	1.1	112	8
03/08/24 18:00	1	7	8	2	11.5	80	0.9	141	9
03/08/24 18:05	1	6	6	2	11.5	79	0.8	136	9
03/08/24 18:10	1	5	5	2	11.5	80	0.8	120	4
03/08/24 18:15	0	4	5	2	11.3	80	0.7	136	5
03/08/24 18:20	0	4	5	2	11.1	81	0.7	139	2
03/08/24 18:25	0	5	5	2	11.1	81	0.4	136	10
03/08/24 18:30	0	5	6	2	11.0	80	0.5	94	8
03/08/24 18:35	1	18	19	2	11.1	80	0.7	54	15
03/08/24 18:40	2	32	34	2	11.1	80	1.0	24	9
03/08/24 18:45	4	32	36	2	11.1	80	0.8	6	12
03/08/24 18:50	5	27	32	2	11.3	79	0.8	18	9
03/08/24 18:55	7	30	38	2	11.4	79	0.9	32	4
03/08/24 19:00	8	33	41	2	11.3	79	0.7	41	6
03/08/24 19:05	14	33	47	2	11.2	80	0.6	53	4
03/08/24 19:10	9	35	45	2	11.0	80	0.3	15	15
03/08/24 19:15	4	30	34	2	10.9	81	0.4	19	13
03/08/24 19:20	4	30	34	2	10.8	81	0.4	41	18
03/08/24 19:25	4	30	34	2	10.7	81	0.3	3	25
03/08/24 19:30	8	26	35	2	10.5	83	0.6	283	16
03/08/24 19:35	14	28	43	2	10.2	85	0.5	303	9
03/08/24 19:40	18	32	50	2	9.9	85	0.5	324	9
03/08/24 19:45	16	34	50	2	10.0	85	0.6	320	10
03/08/24 19:50	37	25	63	2	9.8	85	0.4	303	9
03/08/24 19:55	38	30	68	2	9.8	85	0.2	349	47
03/08/24 20:00	14	29	43	2	10.0	85	0.5	76	6
03/08/24 20:05	5	25	31	2	10.1	85	0.5	82	9
03/08/24 20:10	7	31	38	2	10.2	85	0.6	55	10
03/08/24 20:15	8	26	34	2	10.2	84	0.6	42	4
03/08/24 20:20	25	29	54	2	9.8	83	1.0	14	7
03/08/24 20:25	14	29	44	2	9.9	85	0.9	349	14
03/08/24 20:30	15	29	44	2	9.9	85	0.5	219	44
03/08/24 20:35	23	28	51	2	9.5	86	0.2	334	32
03/08/24 20:40	24	28	51	2	9.3	88	0.2	99	26
03/08/24 20:45	31	28	59	2	9.3	88	0.5	4	27
03/08/24 20:50	52	33	85	2	9.3	88	0.9	349	12
03/08/24 20:55	62	32	95	2	9.4	87	0.6	352	18
03/08/24 21:00	76	32	108	2	9.4	86	0.5	328	26
03/08/24 21:05	68	26	95	2	9.3	88	0.4	320	32
03/08/24 21:10	62	33	95	2	9.3	89	0.3	274	55
03/08/24 21:15	62	33	95	3	9.3	89	0.6	272	26
03/08/24 21:20	60	34	94	3	9.4	88	1.0	321	9
03/08/24 21:25	59	34	93	3	9.5	88	1.5	335	10
03/08/24 21:30	59	35	93	3	9.9	87	1.9	339	10
03/08/24 21:35	59	37	96	3	10.2	85	2.0	334	10
03/08/24 21:40	63	38	101	3	10.3	84	1.5	334	11
03/08/24 21:45	58	41	99	3	10.2	84	1.5	330	12
03/08/24 21:50	53	37	91	3	10.2	83	1.6	345	13
03/08/24 21:55	72	35	106	3	10.1	84	1.6	348	15
03/08/24 22:00	91	37	127	3	9.9	84	1.7	335	16

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/08/24 22:05	102	42	145	3	10.0	83	1.5	341	21
03/08/24 22:10	102	39	141	3	10.0	84	1.3	341	22
03/08/24 22:15	109	37	145	3	10.0	84	1.6	346	21
03/08/24 22:20	104	39	143	3	9.9	84	2.0	356	13
03/08/24 22:25	134	44	178	3	9.8	84	1.8	344	16
03/08/24 22:30	135	32	167	3	10.0	84	1.5	335	14
03/08/24 22:35	88	41	129	3	10.1	83	1.2	327	19
03/08/24 22:40	88	38	127	3	9.9	83	1.4	326	16
03/08/24 22:45	91	39	129	3	9.7	84	1.5	334	19
03/08/24 22:50	91	38	129	3	9.6	84	1.6	323	17
03/08/24 22:55	97	37	134	3	9.4	85	1.4	326	20
03/08/24 23:00	73	39	112	3	9.4	85	1.6	326	25
03/08/24 23:05	66	35	102	3	9.3	84	1.7	324	23
03/08/24 23:10	61	36	97	3	9.3	85	1.4	329	27
03/08/24 23:15	53	41	93	3	9.3	84	1.2	333	19
03/08/24 23:20	56	35	92	3	9.1	84	1.6	355	17
03/08/24 23:25	74	34	108	3	8.9	85	0.9	340	25
03/08/24 23:30	102	35	137	4	8.8	86	1.3	331	24
03/08/24 23:35	110	35	145	4	8.7	86	1.6	330	16
03/08/24 23:40	113	36	149	4	8.7	87	1.6	327	18
03/08/24 23:45	109	39	147	4	8.7	87	1.5	321	18
03/08/24 23:50	80	41	122		8.6	86	1.4	320	21
03/08/24 23:55	74	34	109		8.6	86	1.4	316	21
04/08/24 00:00	69	33	102	4	8.4	87	1.4	318	17
04/08/24 00:05	64	33	97	4	8.4	87	1.2	325	20
04/08/24 00:10	63	32	94	3	8.3	87	1.1	327	25
04/08/24 00:15	61	32	93	2	8.3	87	1.1	317	21
04/08/24 00:20	61	32	93	2	8.2	88	1.0	318	25
04/08/24 00:25	59	32	92	2	8.1	88	1.2	321	18
04/08/24 00:30	58	32	90	2	8.1	88	1.2	317	15
04/08/24 00:35	56	33	89	2	8.0	88	1.0	328	21
04/08/24 00:40	54	33	87	2	8.0	88	1.1	348	24
04/08/24 00:45	54	32	86	2	7.9	88	0.9	348	17
04/08/24 00:50	58	30	88	2	7.8	89	0.9	356	17
04/08/24 00:55	69	23	93	2	7.7	89	1.4	357	16
04/08/24 01:00	72	26	99	2	7.8	89	1.4	5	17
04/08/24 01:05					7.5	89	1.1	359	14
04/08/24 01:10					7.6	90	0.8	344	27
04/08/24 01:15					7.7	90	0.8	333	35
04/08/24 01:20					7.7	90	1.0	259	32
04/08/24 01:25					7.8	90	1.0	254	13
04/08/24 01:30					7.8	90	0.8	284	23
04/08/24 01:35					7.8	91	1.3	292	11
04/08/24 01:40					7.7	91	1.6	299	8
04/08/24 01:45					7.7	90	1.9	305	8
04/08/24 01:50					7.8	89	1.3	319	17
04/08/24 01:55					7.6	89	0.9	322	17
04/08/24 02:00					7.4	90	1.5	339	17
04/08/24 02:05	58	28	86	2	7.2	90	1.5	355	14
04/08/24 02:10	58	27	85	2	6.9	91	1.2	352	13
04/08/24 02:15	59	27	86	1	6.8	91	1.2	2	19
04/08/24 02:20	61	26	88	1	6.7	92	1.3	8	17
04/08/24 02:25	64	26	89	1	6.7	92	1.5	17	7
04/08/24 02:30	69	23	92	1	6.4	92	1.5	21	7
04/08/24 02:35	72	22	94	2	6.3	93	1.4	18	5
04/08/24 02:40	74	22	97	1	6.3	93	0.7	24	8
04/08/24 02:45	75	25	100	1	6.3	94	0.6	20	9
04/08/24 02:50	75	25	101	1	6.3	94	0.7	14	11
04/08/24 02:55	74	26	100	2	6.5	94	0.8	36	6
04/08/24 03:00	72	26	97	1	6.6	94	1.1	37	6
04/08/24 03:05	64	22	86	1	6.5	94	1.0	28	10
04/08/24 03:10	48	20	68	2	6.6	94	0.8	39	7
04/08/24 03:15	46	20	66	1	6.5	93	1.1	37	5
04/08/24 03:20	46	21	67	1	6.4	93	0.9	17	18
04/08/24 03:25	47	23	70	1	6.5	94	0.6	332	28
04/08/24 03:30	53	22	75	1	6.5	94	0.7	315	19
04/08/24 03:35	50	25	75	1	6.6	94	0.8	317	23
04/08/24 03:40	45	23	68	1	6.7	93	1.5	338	15
04/08/24 03:45	52	23	75	1	6.6	92	1.7	352	18
04/08/24 03:50	64	21	85	1	6.2	91	1.7	359	12
04/08/24 03:55	63	21	84	1	6.0	93	1.4	352	21
04/08/24 04:00	59	22	81	1	6.0	93	1.6	354	15
04/08/24 04:05	50	22	73	1	6.0	93	1.9	2	14
04/08/24 04:10	38	18	56	1	6.2	94	1.7	354	17
04/08/24 04:15	31	20	50	1	6.4	93	1.7	357	20
04/08/24 04:20	23	21	44	1	6.5	93	1.8	0	17
04/08/24 04:25	21	19	40	1	6.6	92	1.8	360	15
04/08/24 04:30	19	17	37	1	6.7	92	1.8	3	17
04/08/24 04:35	18	18	36	1	6.7	91	2.0	359	12
04/08/24 04:40	17	18	35	1	6.6	91	2.1	4	13
04/08/24 04:45	17	18	35	1	6.5	91	1.9	4	11
04/08/24 04:50	17	18	35	1	6.5	92	2.0	1	13
04/08/24 04:55	16	18	34	1	6.6	92	1.9	359	17
04/08/24 05:00	15	19	34	1	6.6	91	1.9	360	14

Station Pier Ambient Air Quality Monitoring

August 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/08/24 05:05	15	19	34	1	6.6	90	1.7	359	25
04/08/24 05:10	14	19	33	1	6.6	90	1.7	355	18
04/08/24 05:15	13	19	32	1	6.6	90	2.0	6	11
04/08/24 05:20	13	19	31	1	6.5	90	2.2	5	9
04/08/24 05:25	12	19	31	1	6.4	90	2.2	3	9
04/08/24 05:30	10	19	29	1	6.4	90	1.8	356	15
04/08/24 05:35	9	19	28	1	6.4	89	1.7	8	13
04/08/24 05:40	8	19	28	1	6.3	90	0.8	18	20
04/08/24 05:45	8	19	28	1	6.1	90	1.1	17	11
04/08/24 05:50	9	19	28	1	6.0	91	1.9	4	8
04/08/24 05:55	9	19	28	1	5.9	91	1.1	20	14
04/08/24 06:00	10	19	29	0	5.8	91	0.9	50	9
04/08/24 06:05	11	19	30	1	5.7	92	1.0	47	5
04/08/24 06:10	12	18	30	1	5.5	93	0.8	43	6
04/08/24 06:15	14	17	31	1	5.5	93	1.2	44	6
04/08/24 06:20	15	16	31	1	5.4	93	1.3	54	9
04/08/24 06:25	15	16	31	1	5.3	93	1.1	47	7
04/08/24 06:30	15	16	31	1	5.2	93	1.3	42	9
04/08/24 06:35	15	15	30	1	5.2	93	0.9	29	19
04/08/24 06:40	15	15	30	1	5.1	93	0.6	27	13
04/08/24 06:45	15	15	31	1	5.1	93	1.1	30	7
04/08/24 06:50	16	15	31	1	5.1	93	1.0	40	14
04/08/24 06:55	15	15	31	1	5.1	93	0.3	121	35
04/08/24 07:00	15	15	30	1	5.0	93	0.9	37	11
04/08/24 07:05	15	15	30	1	5.1	93	1.0	52	11
04/08/24 07:10	15	15	30	1	5.0	93	1.2	43	13
04/08/24 07:15	15	15	30	1	4.9	93	1.0	29	14
04/08/24 07:20	15	15	31	1	4.9	93	0.9	21	17
04/08/24 07:25	22	15	37	0	4.9	93	1.0	31	10
04/08/24 07:30	22	16	38	1	4.8	93	0.7	60	21
04/08/24 07:35	20	15	35	1	4.8	93	0.4	90	15
04/08/24 07:40	19	15	34	1	4.7	93	0.1	139	43
04/08/24 07:45	19	15	34	1	4.8	94	0.2	150	18
04/08/24 07:50	18	15	33	1	5.2	94	0.2	108	30
04/08/24 07:55	18	15	33	1	5.5	91	0.6	47	5
04/08/24 08:00	18	15	32	1	5.6	89	0.6	28	15
04/08/24 08:05	18	15	32	1	5.7	89	0.8	46	6
04/08/24 08:10	17	15	32	1	5.7	88	1.1	39	6
04/08/24 08:15	17	15	32	1	5.8	88	1.2	45	6
04/08/24 08:20	18	15	32	1	6.0	87	1.0	42	9
04/08/24 08:25	18	15	33	1	6.2	86	0.8	41	13
04/08/24 08:30	20	15	34	1	6.5	85	1.0	30	11
04/08/24 08:35	21	15	36	1	6.9	84	0.5	11	25
04/08/24 08:40	23	15	38	1	7.2	81	0.9	21	12
04/08/24 08:45	26	15	41	1	7.5	80	0.5	48	22
04/08/24 08:50	28	16	45	1	7.8	79	0.4	79	27
04/08/24 08:55	28	16	44	1	8.2	77	0.5	86	19
04/08/24 09:00	27	16	44	1	8.4	76	0.5	46	26
04/08/24 09:05	27	16	44	1	8.7	75	0.5	65	26
04/08/24 09:10	27	16	43	1	9.1	74	0.5	93	18
04/08/24 09:15	26	16	42	1	9.4	73	0.3	82	43
04/08/24 09:20	26	16	42	1	9.7	71	0.9	25	22
04/08/24 09:25	24	16	40	1	9.5	69	1.2	345	27
04/08/24 09:30	17	19	37	1	9.3	69	0.8	352	39
04/08/24 09:35	13	18	31	1	9.6	68	0.1	244	79
04/08/24 09:40	14	17	31	1	9.7	68	0.8	283	23
04/08/24 09:45	16	17	33	1	9.4	69	0.9	317	28
04/08/24 09:50	19	16	35	1	9.4	70	0.7	318	37
04/08/24 09:55	22	19	41	1	9.5	69	0.9	327	26
04/08/24 10:00	24	19	43	1	9.7	69	0.7	329	34
04/08/24 10:05	25	19	45	1	9.8	67	0.9	338	27
04/08/24 10:10	27	19	46	2	9.9	67	1.0	342	22
04/08/24 10:15	28	20	47	2	10.2	67	1.1	330	23
04/08/24 10:20	29	20	49	2	10.3	66	0.6	345	43
04/08/24 10:25	30	22	52	2	10.6	67	0.5	298	55
04/08/24 10:30	32	23	55	2	10.6	66	0.5	294	46
04/08/24 10:35	33	24	57	2	11.1	64	0.7	330	50
04/08/24 10:40	36	26	62	2	11.5	63	0.9	348	35
04/08/24 10:45	37	26	63	3	11.4	63	0.6	323	54
04/08/24 10:50	37	25	62	2	11.7	62	0.5	23	66
04/08/24 10:55	36	24	61	2	11.7	63	1.0	276	23
04/08/24 11:00	35	24	59	2	11.6	64	1.1	276	20
04/08/24 11:05	34	23	57	2	11.7	63	0.8	268	17
04/08/24 11:10	32	23	56	2	11.8	63	1.1	247	8
04/08/24 11:15	32	23	55	2	11.9	62	1.1	223	9
04/08/24 11:20	31	23	55	3	11.9	61	1.1	230	7
04/08/24 11:25	31	23	55	3	12.1	61	0.5	232	9
04/08/24 11:30	31	24	54	3	12.6	60	0.4	173	49
04/08/24 11:35	31	24	55	3	13.0	60	1.2	130	11
04/08/24 11:40	31	24	55	3	13.1	60	1.1	127	9
04/08/24 11:45	31	24	54	3	13.1	59	1.0	133	20
04/08/24 11:50	30	24	54	3	13.4	59	0.9	131	16
04/08/24 11:55	30	24	53	3	13.6	56	0.7	134	15
04/08/24 12:00	28	24	52	3	13.6	58	0.8	121	16

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/08/24 12:05	27	24	51	3	13.5	60	1.0	117	12
04/08/24 12:10	27	23	50	3	13.4	65	1.4	116	8
04/08/24 12:15	27	23	50	3	13.2	66	0.7	121	21
04/08/24 12:20	26	23	49	3	13.4	63	0.8	134	23
04/08/24 12:25	16	30	46	3	13.8	59	1.1	141	20
04/08/24 12:30	16	24	40	3	14.1	59	0.8	130	25
04/08/24 12:35	17	21	38	3	14.5	59	0.9	137	20
04/08/24 12:40	16	20	36	3	14.6	57	1.0	134	13
04/08/24 12:45	15	20	35	3	14.6	56	0.8	133	23
04/08/24 12:50	14	20	34	2	14.3	58	1.2	121	15
04/08/24 12:55	14	20	34	2	13.8	60	1.6	118	10
04/08/24 13:00	14	20	33	2	13.6	60	1.5	116	12
04/08/24 13:05	13	19	33	2	13.6	59	1.3	117	10
04/08/24 13:10	12	19	31	2	13.5	59	1.4	112	10
04/08/24 13:15	11	16	27	2	13.6	58	1.0	117	14
04/08/24 13:20	10	11	20	2	13.7	57	0.8	125	18
04/08/24 13:25	7	11	18	2	13.8	57	0.9	124	16
04/08/24 13:30	6	10	15	2	14.0	57	1.0	125	16
04/08/24 13:35	4	8	12	2	14.1	58	1.1	120	14
04/08/24 13:40	3	8	10	2	14.2	56	1.5	113	9
04/08/24 13:45	2	6	8	2	14.1	55	1.6	109	2
04/08/24 13:50	2	4	6	2	14.4	54	1.2	118	11
04/08/24 13:55	2	4	5	1	14.7	53	1.0	133	18
04/08/24 14:00	1	4	5	1	14.8	51	1.4	131	14
04/08/24 14:05	1	4	5	1	14.8	52	1.4	131	17
04/08/24 14:10	1	3	4	1	14.9	52	1.5	130	15
04/08/24 14:15	1	3	4	1	15.1	53	1.3	135	17
04/08/24 14:20	1	3	4	1	15.4	52	1.4	130	18
04/08/24 14:25	1	3	4	1	15.0	52	2.0	134	12
04/08/24 14:30	2	17	19	1	14.6	53	2.2	137	10
04/08/24 14:35	2	8	11	0	14.5	54	2.2	133	7
04/08/24 14:40	2	5	7	0	14.3	55	2.0	140	15
04/08/24 14:45	2	6	8	0	14.6	55	0.9	168	31
04/08/24 14:50	1	4	5	0	15.2	52	0.8	173	31
04/08/24 14:55	1	3	5	0	15.8	49	0.6	167	40
04/08/24 15:00	1	4	5	0	16.2	50	0.7	162	36
04/08/24 15:05	1	4	5	0	16.2	49	1.2	154	22
04/08/24 15:10	1	4	5	0	16.0	50	1.0	167	26
04/08/24 15:15	1	4	5	0	16.1	52	1.1	158	26
04/08/24 15:20	1	5	6	0	15.9	53	1.7	139	19
04/08/24 15:25	1	5	6	0	15.4	50	1.3	125	18
04/08/24 15:30	1	5	6	0	15.4	52	2.1	117	10
04/08/24 15:35	1	5	6	0	15.1	54	2.2	119	9
04/08/24 15:40	1	5	6	0	15.0	53	1.3	124	18
04/08/24 15:45	1	5	6	0	15.0	50	1.7	126	15
04/08/24 15:50	1	5	6	0	14.7	53	1.9	135	20
04/08/24 15:55	1	5	6	0	14.3	62	1.1	165	40
04/08/24 16:00	1	5	6	0	14.0	65	1.3	169	30
04/08/24 16:05	1	5	6	0	13.8	66	1.5	164	24
04/08/24 16:10	1	5	6	0	13.5	67	1.9	166	21
04/08/24 16:15	0	5	5	0	13.3	67	1.5	162	23
04/08/24 16:20	0	4	4	0	13.3	66	1.6	161	24
04/08/24 16:25	0	4	4	0	13.2	67	1.5	160	27
04/08/24 16:30	0	4	4	0	13.1	67	1.2	161	31
04/08/24 16:35	0	4	4	0	13.1	66	1.8	169	23
04/08/24 16:40	0	3	4	0	13.0	66	1.2	164	34
04/08/24 16:45	0	3	3	0	12.9	66	0.7	172	52
04/08/24 16:50	0	3	3	0	12.9	67	0.4	184	61
04/08/24 16:55	0	3	3	0	12.8	68	0.7	156	45
04/08/24 17:00	0	3	3	0	12.7	67	1.2	129	25
04/08/24 17:05	0	3	3	0	12.6	72	1.8	102	8
04/08/24 17:10	0	3	4	0	12.5	74	1.4	114	13
04/08/24 17:15	0	3	3	0	12.4	71	1.6	134	18
04/08/24 17:20	0	3	3	-1	12.3	68	1.5	115	22
04/08/24 17:25	0	4	4	-1	12.4	67	2.0	114	9
04/08/24 17:30	0	4	4	0	12.4	69	1.5	117	12
04/08/24 17:35	0	4	4	0	12.3	71	0.9	111	11
04/08/24 17:40	0	4	4	0	12.2	71	0.8	108	9
04/08/24 17:45	0	5	5	0	12.0	70	1.6	105	9
04/08/24 17:50	0	5	5	0	12.1	71	1.5	111	9
04/08/24 17:55	0	6	6	0	12.0	72	0.8	109	11
04/08/24 18:00	0	7	7	0	11.9	70	0.8	86	13
04/08/24 18:05	0	8	8	0	11.8	69	0.7	95	9
04/08/24 18:10	0	9	9	0	11.7	67	1.2	100	4
04/08/24 18:15	0	11	11	0	11.8	63	1.4	103	4
04/08/24 18:20	0	13	13	1	11.9	63	1.1	109	4
04/08/24 18:25	0	15	16	1	11.9	63	0.8	92	13
04/08/24 18:30	0	17	18	0	11.8	62	0.9	68	12
04/08/24 18:35	1	26	27	0	11.6	60	0.9	67	9
04/08/24 18:40	6	33	39	0	11.6	61	1.1	83	5
04/08/24 18:45	4	35	39	0	11.6	59	1.1	93	3
04/08/24 18:50	6	36	41	0	11.6	58	0.8	100	6
04/08/24 18:55	6	36	42	0	11.7	59	0.4	119	17
04/08/24 19:00	5	35	41	0	11.5	60	0.6	116	11

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/08/24 19:05	6	35	41	0	11.5	62	0.6	99	15
04/08/24 19:10	5	35	41	0	11.5	65	0.3	97	30
04/08/24 19:15	5	35	40	0	11.4	68	0.2	77	44
04/08/24 19:20	5	34	39	0	11.3	69	0.2	17	48
04/08/24 19:25	5	34	39	0	11.2	65	0.6	50	14
04/08/24 19:30	7	34	42	0	10.9	64	0.4	66	23
04/08/24 19:35	15	32	47	0	11.0	63	0.7	90	12
04/08/24 19:40	14	35	49	0	11.2	63	0.6	115	13
04/08/24 19:45	13	35	48	0	11.2	66	0.7	160	22
04/08/24 19:50	16	36	51	0	11.1	70	0.8	140	23
04/08/24 19:55	32	38	70	0	11.1	76	0.7	109	11
04/08/24 20:00	35	38	73	0	11.1	76	0.9	114	6
04/08/24 20:05	34	38	72	0	10.9	75	0.7	101	10
04/08/24 20:10	33	38	71	1	10.8	73	0.9	105	6
04/08/24 20:15	33	38	71	0	10.8	73	0.5	87	24
04/08/24 20:20	32	38	70	0	10.7	70	0.4	357	24
04/08/24 20:25	31	38	69	0	10.8	72	0.4	2	19
04/08/24 20:30	31	37	68	0	10.7	73	0.3	22	24
04/08/24 20:35	31	37	68	0	10.6	76	0.4	292	28
04/08/24 20:40	30	36	66	0	10.7	79	0.4	267	15
04/08/24 20:45	30	35	65	0	10.5	76	0.5	296	18
04/08/24 20:50	32	36	67	0	10.4	73	0.5	325	19
04/08/24 20:55	50	29	79	0	10.3	70	1.0	340	8
04/08/24 21:00	77	44	121	0	10.6	66	1.1	330	13
04/08/24 21:05	77	42	119	0	11.1	65	1.5	315	9
04/08/24 21:10	68	41	109	1	11.2	65	1.1	309	11
04/08/24 21:15	67	40	107	1	10.7	67	0.5	304	18
04/08/24 21:20	68	39	107	1	10.6	72	0.6	275	15
04/08/24 21:25	70	39	108	1	10.5	74	0.7	282	17
04/08/24 21:30	71	38	109	0	10.6	75	0.9	305	12
04/08/24 21:35	78	43	122	1	10.5	70	1.1	308	11
04/08/24 21:40	87	42	129	1	10.7	69	1.1	331	9
04/08/24 21:45	98	39	137	1	10.8	68	0.9	355	14
04/08/24 21:50	105	43	148	1	10.6	69	1.0	4	8
04/08/24 21:55	108	43	151	1	10.4	70	0.7	8	18
04/08/24 22:00	109	42	151	2	10.1	71	0.6	35	11
04/08/24 22:05	110	41	152	2	10.1	71	0.7	21	10
04/08/24 22:10	110	42	152	2	10.2	71	0.5	11	8
04/08/24 22:15	110	42	151	2	10.1	72	0.5	111	27
04/08/24 22:20	109	41	150	2	10.0	74	0.4	158	21
04/08/24 22:25	109	41	151	2	10.0	75	0.5	206	28
04/08/24 22:30	109	41	150	1	10.1	78	0.9	267	9
04/08/24 22:35	108	40	148	1	10.0	80	0.7	280	6
04/08/24 22:40	107	39	146	1	9.9	78	0.9	287	10
04/08/24 22:45	107	38	145	1	9.9	76	0.9	307	10
04/08/24 22:50	105	39	144	1	9.9	75	0.4	303	21
04/08/24 22:55	106	38	144	1	9.8	75	1.0	331	13
04/08/24 23:00	107	38	146	2	9.7	74	1.4	344	19
04/08/24 23:05	106	39	145	2	9.9	74	1.3	353	21
04/08/24 23:10	107	39	146	2	9.8	74	1.3	357	15
04/08/24 23:15	109	39	147	2	9.6	76	1.3	1	13
04/08/24 23:20	110	39	149	2	9.6	77	1.3	351	17
04/08/24 23:25	109	39	148	2	9.6	78	1.6	334	13
04/08/24 23:30	108	39	146	1	9.8	77	1.1	352	25
04/08/24 23:35	106	38	144	1	9.7	78	1.3	5	10
04/08/24 23:40	104	38	141	2	9.5	78	0.6	4	15
04/08/24 23:45	104	37	141	1	9.2	79	0.4	294	33
04/08/24 23:50	104	37	141		9.0	81	0.2	240	56
04/08/24 23:55	104	36	140		9.1	81	0.9	306	14
05/08/24 00:00	104	36	140	1	9.3	80	0.7	319	12
05/08/24 00:05	104	36	140	3	9.4	80	1.1	305	9
05/08/24 00:10	104	36	140	2	9.3	80	1.1	317	16
05/08/24 00:15	104	36	139	2	9.3	79	0.7	336	30
05/08/24 00:20	105	35	140	2	9.3	80	1.4	335	17
05/08/24 00:25	105	35	140	2	9.4	80	1.4	329	18
05/08/24 00:30	104	34	139	2	9.4	80	1.3	320	14
05/08/24 00:35	101	34	135	2	9.5	80	1.1	326	12
05/08/24 00:40	91	31	122	2	9.5	80	1.1	335	13
05/08/24 00:45	82	29	111	2	9.4	80	0.9	350	16
05/08/24 00:50	93	31	124	2	9.1	81	1.1	15	18
05/08/24 00:55	96	31	128	2	8.7	82	1.1	41	8
05/08/24 01:00	97	31	127	2	8.6	84	1.2	22	9
05/08/24 01:05					8.7	84	0.8	40	9
05/08/24 01:10					8.8	84	0.9	37	9
05/08/24 01:15					8.7	84	1.0	44	8
05/08/24 01:20					8.7	85	0.9	41	10
05/08/24 01:25					8.7	85	0.8	46	6
05/08/24 01:30					8.8	85	0.8	34	7
05/08/24 01:35					8.6	86	0.5	8	10
05/08/24 01:40					8.7	85	0.4	329	22
05/08/24 01:45					8.8	85	0.5	309	17
05/08/24 01:50					8.8	85	0.2	334	46
05/08/24 01:55					8.7	85	0.4	20	26
05/08/24 02:00					8.7	85	0.5	40	11

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/08/24 02:05	43	25	67	1	8.7	85	0.8	1	13
05/08/24 02:10	39	25	64	1	8.8	85	1.1	351	5
05/08/24 02:15	35	23	57	1	8.8	84	0.8	332	15
05/08/24 02:20	31	23	54	1	8.9	84	0.8	359	22
05/08/24 02:25	32	23	55	1	8.8	84	0.7	5	20
05/08/24 02:30	35	23	58	1	8.7	84	0.5	337	35
05/08/24 02:35	49	19	68	1	8.7	85	0.5	349	45
05/08/24 02:40	55	23	77	1	8.6	85	0.8	354	31
05/08/24 02:45	54	24	77	1	8.5	85	0.8	10	21
05/08/24 02:50	54	23	77	1	8.4	86	0.8	42	13
05/08/24 02:55	53	24	77	1	8.2	86	0.6	37	19
05/08/24 03:00	52	23	75	1	8.2	87	0.7	34	13
05/08/24 03:05	51	23	73	1	8.1	87	0.8	3	24
05/08/24 03:10	49	22	72	1	8.2	87	0.9	353	16
05/08/24 03:15	48	22	70	2	8.2	87	0.9	339	23
05/08/24 03:20	45	23	68	2	8.3	86	1.0	345	28
05/08/24 03:25	44	23	67	2	8.3	86	1.0	339	26
05/08/24 03:30	44	22	66	2	8.3	86	1.2	346	23
05/08/24 03:35	45	22	67	2	8.3	86	1.3	352	20
05/08/24 03:40	44	22	66	2	8.2	86	1.2	356	24
05/08/24 03:45	44	22	65	1	8.2	86	1.3	7	18
05/08/24 03:50	44	21	65	1	8.1	86	1.4	0	12
05/08/24 03:55	43	21	65	2	8.2	87	1.1	4	21
05/08/24 04:00	43	21	64	2	8.1	87	1.2	10	18
05/08/24 04:05	43	21	64	2	8.0	87	1.3	26	10
05/08/24 04:10	43	21	65	2	7.9	88	1.3	22	9
05/08/24 04:15	39	22	62	2	8.0	88	1.4	4	15
05/08/24 04:20	29	23	52	2	8.2	87	0.9	334	21
05/08/24 04:25	19	20	39	1	8.3	86	1.2	341	22
05/08/24 04:30	25	20	44	1	8.5	85	1.3	339	24
05/08/24 04:35	37	21	57	1	8.6	84	1.3	343	25
05/08/24 04:40	37	21	57	1	8.7	84	1.3	356	26
05/08/24 04:45	36	21	57	1	8.7	84	1.2	0	21
05/08/24 04:50	38	21	59	1	8.5	84	1.4	7	21
05/08/24 04:55	38	22	60	1	8.5	85	1.2	2	24
05/08/24 05:00	37	22	59	1	8.5	85	1.3	358	18
05/08/24 05:05	38	22	59	1	8.5	85	1.3	350	22
05/08/24 05:10	38	21	60	1	8.5	85	0.8	308	24
05/08/24 05:15	38	21	59	1	8.5	85	1.1	306	19
05/08/24 05:20	39	21	60	1	8.6	85	1.1	318	18
05/08/24 05:25	41	20	61	1	8.6	85	0.8	336	33
05/08/24 05:30	41	20	61	1	8.6	84	0.8	345	30
05/08/24 05:35	40	21	61	1	8.6	84	1.3	358	20
05/08/24 05:40	42	20	62	1	8.6	84	1.1	22	20
05/08/24 05:45	51	15	66	1	8.5	85	1.4	24	16
05/08/24 05:50	54	21	75	1	8.4	85	1.0	3	16
05/08/24 05:55	54	22	76	1	8.5	86	0.7	20	25
05/08/24 06:00	54	23	78	1	8.4	86	0.6	56	19
05/08/24 06:05	53	23	77	1	8.3	86	0.5	55	10
05/08/24 06:10	44	19	63	1	8.2	86	0.5	26	17
05/08/24 06:15	46	21	67	1	8.3	86	0.8	348	17
05/08/24 06:20	59	24	83	1	8.3	86	1.0	16	14
05/08/24 06:25	43	23	67	1	8.2	86	0.7	37	14
05/08/24 06:30	40	21	60	1	8.0	87	0.7	41	13
05/08/24 06:35	38	19	57	1	7.9	88	0.9	48	6
05/08/24 06:40	37	18	55	1	7.9	88	0.9	46	9
05/08/24 06:45	44	16	59	1	7.8	88	0.8	35	18
05/08/24 06:50	59	22	81	1	7.8	89	1.0	25	14
05/08/24 06:55	64	24	88	1	7.8	88	1.0	24	10
05/08/24 07:00	65	28	93	1	7.8	88	0.7	42	15
05/08/24 07:05	61	26	87	1	7.8	89	0.9	26	11
05/08/24 07:10	58	25	84	1	7.9	89	0.9	33	19
05/08/24 07:15	55	24	79	1	7.9	89	1.6	21	10
05/08/24 07:20	55	25	80	2	8.1	88	1.7	20	10
05/08/24 07:25	55	25	80	1	8.3	88	1.5	11	11
05/08/24 07:30	52	25	77	1	8.6	87	1.3	7	15
05/08/24 07:35	39	27	66	1	8.7	86	1.3	10	16
05/08/24 07:40	39	26	64	1	8.9	85	1.5	14	13
05/08/24 07:45	40	25	65	1	9.0	85	1.5	15	14
05/08/24 07:50	41	26	66	1	9.0	85	1.2	6	30
05/08/24 07:55	40	25	65	1	9.1	84	1.3	11	21
05/08/24 08:00	41	24	65	1	9.1	84	1.7	8	19
05/08/24 08:05	44	22	66	1	9.2	84	1.0	22	23
05/08/24 08:10	39	25	65	1	9.3	84	1.2	16	25
05/08/24 08:15	37	25	62	2	9.4	84	1.2	13	24
05/08/24 08:20	38	24	62	1	9.4	83	0.9	10	29
05/08/24 08:25	38	24	62	1	9.6	83	1.0	10	24
05/08/24 08:30	37	24	61	1	9.6	82	1.3	359	20
05/08/24 08:35	37	24	61	1	9.7	82	1.1	357	22
05/08/24 08:40	39	24	62	1	9.7	82	0.6	352	43
05/08/24 08:45	41	23	64	1	9.7	82	0.5	274	35
05/08/24 08:50	48	19	67	1	9.9	83	0.5	288	27
05/08/24 08:55	57	20	77	1	9.8	82	0.7	306	31
05/08/24 09:00	64	26	90	1	9.9	82	0.8	317	29

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/08/24 09:05	74	27	101	2	9.9	82	0.7	311	35
05/08/24 09:10	74	26	100	2	9.9	81	0.7	335	36
05/08/24 09:15	76	25	102	2	9.9	81	0.7	325	26
05/08/24 09:20	80	25	105	2	10.0	81	0.5	303	29
05/08/24 09:25	82	26	108	2	10.0	81	0.5	6	41
05/08/24 09:30	83	26	109	2	10.2	82	0.5	359	33
05/08/24 09:35	84	26	110	2	10.3	81	0.5	359	33
05/08/24 09:40	80	26	106	2	10.3	81	0.7	265	35
05/08/24 09:45	83	27	111	2	10.5	81	0.9	255	11
05/08/24 09:50	88	28	115	2	10.4	82	1.0	248	11
05/08/24 09:55	87	27	115	1	10.4	82	0.6	273	15
05/08/24 10:00	87	27	114	1	10.5	81	0.6	258	12
05/08/24 10:05	102	26	129	2	10.6	81	1.4	231	6
05/08/24 10:10	135	30	165	2	10.4	83	1.4	225	5
05/08/24 10:15	134	31	165	2	10.4	83	0.9	227	10
05/08/24 10:20	132	32	164	2	10.6	83	0.5	185	30
05/08/24 10:25	139	34	173	2	10.7	81	0.4	140	39
05/08/24 10:30	142	35	177	2	10.7	80	0.7	114	12
05/08/24 10:35	140	35	176	2	10.7	80	0.6	123	16
05/08/24 10:40	135	36	171	2	10.6	80	1.1	98	7
05/08/24 10:45	86	35	122	2	10.6	81	1.1	97	7
05/08/24 10:50	74	26	100	2	10.6	81	0.8	127	14
05/08/24 10:55	72	25	96	2	10.9	81	0.4	165	33
05/08/24 11:00	71	24	95	2	11.3	80	0.4	165	31
05/08/24 11:05	71	23	94	2	11.6	79	1.3	199	11
05/08/24 11:10	72	24	96	2	11.7	78	0.5	198	36
05/08/24 11:15	75	30	105	2	11.8	76	0.6	241	19
05/08/24 11:20	81	27	107	2	12.2	76	0.5	207	26
05/08/24 11:25	80	27	106	2	12.0	76	1.5	207	6
05/08/24 11:30	81	28	108	2	11.4	79	1.6	207	3
05/08/24 11:35	83	28	111	2	11.1	79	0.9	208	7
05/08/24 11:40	88	30	118	2	11.2	80	0.9	206	9
05/08/24 11:45	92	31	123	2	11.5	79	0.7	199	15
05/08/24 11:50	97	35	132	2	12.3	77	0.8	190	21
05/08/24 11:55	106	34	140	2	12.6	72	1.3	166	20
05/08/24 12:00	123	36	159	2	12.7	73	1.5	167	21
05/08/24 12:05	127	35	162	2	12.6	74	1.8	164	19
05/08/24 12:10	126	35	161	2	12.3	75	1.4	186	23
05/08/24 12:15	126	35	161	2	12.4	76	1.3	179	25
05/08/24 12:20	125	36	161	2	12.5	74	1.7	165	18
05/08/24 12:25	115	42	156	2	12.6	74	1.8	159	17
05/08/24 12:30	98	40	138	2	12.6	75	1.1	156	30
05/08/24 12:35	92	36	127	2	12.7	74	1.1	141	29
05/08/24 12:40	93	36	129	2	12.8	74	1.1	120	15
05/08/24 12:45	97	32	128	3	12.8	74	1.2	143	23
05/08/24 12:50	75	36	111	2	12.9	74	1.2	152	23
05/08/24 12:55	67	31	99	2	13.0	72	0.9	165	27
05/08/24 13:00	63	32	95	2	13.1	73	1.2	157	20
05/08/24 13:05	64	32	96	2	13.2	73	2.0	164	17
05/08/24 13:10	64	32	96	2	13.1	72	1.6	167	24
05/08/24 13:15	64	32	95	2	13.2	72	1.1	185	27
05/08/24 13:20	59	32	90	2	13.8	69	1.4	178	23
05/08/24 13:25	46	29	75	2	14.3	67	1.7	180	20
05/08/24 13:30	42	25	67	2	14.4	64	1.7	173	18
05/08/24 13:35	41	28	69	2	13.9	66	2.2	166	17
05/08/24 13:40	38	26	64	2	13.3	68	1.6	164	26
05/08/24 13:45	24	22	47	2	13.2	66	1.5	166	22
05/08/24 13:50	18	22	40	2	13.3	66	1.9	175	19
05/08/24 13:55	16	20	35	2	13.6	62	2.1	173	18
05/08/24 14:00	13	17	30	2	13.7	60	1.5	157	29
05/08/24 14:05	7	10	17	2	13.8	59	1.4	145	22
05/08/24 14:10	5	10	15	2	13.9	60	1.5	147	23
05/08/24 14:15	5	10	15	2	13.9	59	2.1	139	17
05/08/24 14:20	5	11	16	2	13.5	59	2.1	130	13
05/08/24 14:25	5	11	16	2	13.4	61	2.0	133	12
05/08/24 14:30	5	11	15	1	13.3	59	2.2	136	13
05/08/24 14:35	4	10	15	1	13.3	61	1.5	127	23
05/08/24 14:40	4	10	14	1	13.7	61	1.1	118	22
05/08/24 14:45	5	10	15	2	14.0	59	1.8	133	15
05/08/24 14:50	5	11	16	1	13.7	61	2.1	139	14
05/08/24 14:55	5	11	15	2	13.6	61	1.3	151	24
05/08/24 15:00	4	10	15	2	13.9	60	0.8	161	38
05/08/24 15:05	4	10	14	2	14.3	60	0.8	165	41
05/08/24 15:10	4	9	13	2	14.3	60	1.3	167	27
05/08/24 15:15	4	9	13	2	14.4	60	1.2	162	28
05/08/24 15:20	4	9	13	2	14.4	60	1.2	161	30
05/08/24 15:25	4	9	12	2	14.4	60	1.0	157	27
05/08/24 15:30	3	9	12	2	14.6	60	1.2	165	25
05/08/24 15:35	3	8	11	1	14.7	59	1.2	169	32
05/08/24 15:40	3	8	10	1	14.4	59	1.7	167	18
05/08/24 15:45	2	7	10	1	14.3	61	1.4	162	27
05/08/24 15:50	2	7	10	1	14.2	62	1.6	163	21
05/08/24 15:55	2	7	9	1	14.3	62	1.0	151	33
05/08/24 16:00	2	7	9	1	14.3	63	1.1	169	25

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/08/24 16:05	2	7	8	1	14.5	61	1.4	163	19
05/08/24 16:10	2	6	8	1	14.4	61	1.5	162	21
05/08/24 16:15	1	6	7	1	14.4	62	1.3	163	24
05/08/24 16:20	1	6	7	1	14.2	65	1.0	161	32
05/08/24 16:25	1	6	7	1	14.0	67	1.5	147	24
05/08/24 16:30	1	6	7	1	13.4	68	2.0	134	14
05/08/24 16:35	1	6	7	1	13.2	69	1.4	119	20
05/08/24 16:40	1	6	7	1	13.2	69	1.6	115	11
05/08/24 16:45	1	5	6	1	13.2	69	1.3	122	17
05/08/24 16:50	1	4	5	1	13.0	67	1.9	140	19
05/08/24 16:55	1	4	4	1	12.9	67	1.1	146	37
05/08/24 17:00	1	4	4	1	12.8	69	0.3	173	71
05/08/24 17:05	0	3	4	1	12.7	70	0.6	176	37
05/08/24 17:10	0	3	3	1	12.6	70	0.2	142	73
05/08/24 17:15	0	3	3	1	12.5	73	0.9	101	17
05/08/24 17:20	0	3	3	1	12.3	72	1.2	139	22
05/08/24 17:25	0	3	3	1	12.3	71	1.0	181	16
05/08/24 17:30	0	2	3	1	12.2	70	0.9	171	23
05/08/24 17:35	0	2	3	1	12.1	69	0.7	188	44
05/08/24 17:40	0	2	3	1	12.1	68	1.4	203	23
05/08/24 17:45	0	2	3	1	12.2	68	1.5	198	19
05/08/24 17:50	0	2	2	1	12.2	67	0.3	186	76
05/08/24 17:55	0	2	2	1	12.1	65	1.1	190	36
05/08/24 18:00	0	2	2	1	12.2	60	1.9	192	14
05/08/24 18:05	0	2	2	1	12.3	63	1.2	156	22
05/08/24 18:10	0	2	2	1	12.1	64	0.7	173	41
05/08/24 18:15	0	2	2	1	12.1	66	1.0	149	32
05/08/24 18:20	0	2	2	1	12.0	67	0.6	155	52
05/08/24 18:25	0	2	2	1	12.0	69	1.3	134	21
05/08/24 18:30	0	2	2	1	11.9	70	1.0	119	15
05/08/24 18:35	0	2	2	1	11.9	71	0.6	123	18
05/08/24 18:40	0	2	2	1	11.7	72	1.0	128	12
05/08/24 18:45	0	2	2	1	11.7	69	0.9	120	16
05/08/24 18:50	0	2	2	0	11.7	69	1.0	104	10
05/08/24 18:55	0	2	2	1	11.8	67	1.3	97	12
05/08/24 19:00	0	3	3	0	12.0	67	1.4	108	6
05/08/24 19:05	0	7	7	0	12.0	67	0.8	147	32
05/08/24 19:10	0	13	13	1	12.1	69	0.9	183	22
05/08/24 19:15	0	17	17	1	12.1	69	1.0	129	14
05/08/24 19:20	0	19	19	1	12.2	71	1.0	75	23
05/08/24 19:25	0	20	21	0	12.1	69	1.3	62	10
05/08/24 19:30	1	24	24	0	12.0	70	0.3	126	55
05/08/24 19:35	1	26	27	0	12.0	71	0.3	69	25
05/08/24 19:40	1	30	31	1	11.8	67	0.3	91	19
05/08/24 19:45	2	34	36	1	11.7	67	1.0	53	8
05/08/24 19:50	6	37	43	1	11.6	68	1.3	43	5
05/08/24 19:55	14	33	47	1	11.5	68	1.2	44	6
05/08/24 20:00	15	36	51	1	11.4	68	1.2	17	11
05/08/24 20:05	18	36	54	1	11.5	67	1.1	341	19
05/08/24 20:10	28	35	63	1	11.7	67	1.0	336	24
05/08/24 20:15	38	35	73	1	11.8	67	1.1	323	22
05/08/24 20:20	48	37	85	1	11.9	66	1.6	328	20
05/08/24 20:25	56	37	93	1	12.1	66	1.6	327	15
05/08/24 20:30	53	38	91	1	12.0	67	1.3	346	22
05/08/24 20:35	49	38	87	1	11.9	68	1.1	354	26
05/08/24 20:40	48	37	85	1	11.9	69	1.3	350	26
05/08/24 20:45	47	36	82	1	11.8	70	1.6	358	18
05/08/24 20:50	43	35	78	1	11.8	71	1.3	339	22
05/08/24 20:55	34	34	69	1	11.8	72	1.3	340	28
05/08/24 21:00	32	31	63	1	11.8	72	1.4	313	25
05/08/24 21:05	41	37	78	1	11.9	73	2.0	261	19
05/08/24 21:10	114	40	154	2	11.5	74	2.2	267	9
05/08/24 21:15	111	40	152	2	11.3	74	3.0	268	5
05/08/24 21:20	106	38	144	2	10.9	75	2.2	279	10
05/08/24 21:25	120	35	155	2	10.8	75	1.7	282	14
05/08/24 21:30	73	36	109	2	10.7	75	1.7	294	15
05/08/24 21:35	61	34	94	2	10.7	74	1.8	323	19
05/08/24 21:40	58	33	91	2	10.6	73	1.4	329	19
05/08/24 21:45	58	34	92	1	10.5	73	1.2	345	21
05/08/24 21:50	59	34	93	1	10.4	74	1.4	354	16
05/08/24 21:55	60	34	94	1	10.4	74	1.5	358	17
05/08/24 22:00	61	34	95	1	10.4	74	1.2	342	17
05/08/24 22:05	64	34	98	2	10.4	74	1.5	354	14
05/08/24 22:10	73	31	104	2	10.5	73	1.9	356	9
05/08/24 22:15	77	33	110	2	10.5	73	2.0	358	10
05/08/24 22:20	77	34	110	2	10.4	73	1.3	331	18
05/08/24 22:25	76	34	110	2	10.4	73	1.7	326	17
05/08/24 22:30	77	34	111	2	10.4	73	1.1	332	23
05/08/24 22:35	75	34	109	2	10.3	74	1.2	350	23
05/08/24 22:40	72	34	106	2	10.2	76	1.5	337	23
05/08/24 22:45	59	30	89	2	10.2	76	1.0	329	26
05/08/24 22:50	54	29	83	2	10.1	77	1.4	328	19
05/08/24 22:55	54	30	84	2	10.1	77	1.2	337	27
05/08/24 23:00	54	30	84	2	9.9	78	1.8	330	25

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/08/24 23:05	54	29	83	2	9.9	78	1.3	344	26
05/08/24 23:10	52	29	82	2	9.9	79	1.2	343	28
05/08/24 23:15	49	29	78	2	9.9	80	1.9	0	19
05/08/24 23:20	35	24	59	2	9.9	80	1.6	353	24
05/08/24 23:25	23	25	48	2	10.0	80	1.4	354	25
05/08/24 23:30	18	25	43	2	10.0	79	1.2	337	28
05/08/24 23:35	15	22	37	1	10.1	79	1.6	342	23
05/08/24 23:40	12	23	35	2	10.1	79	1.1	334	23
05/08/24 23:45	11	23	33	2	10.0	80	0.9	343	28
05/08/24 23:50	9	23	32		10.0	80	1.6	350	26
05/08/24 23:55	8	23	30		10.0	80	1.4	334	28
06/08/24 00:00	7	23	30	2	10.0	80	1.1	333	35
06/08/24 00:05	8	22	30	2	9.9	80	1.5	324	22
06/08/24 00:10	9	23	32	1	10.0	80	1.6	336	25
06/08/24 00:15	13	24	36	1	9.9	80	1.3	347	24
06/08/24 00:20	17	24	41	1	9.8	80	1.7	358	20
06/08/24 00:25	16	24	41	1	9.7	81	1.3	342	29
06/08/24 00:30	16	24	40	1	9.7	81	1.4	353	25
06/08/24 00:35	15	23	38	1	9.6	82	1.4	347	31
06/08/24 00:40	13	22	36	1	9.5	82	1.5	358	22
06/08/24 00:45	12	20	32	1	9.5	82	1.9	1	22
06/08/24 00:50	10	21	30	0	9.4	83	1.8	9	23
06/08/24 00:55	7	20	27	1	9.5	83	2.0	358	17
06/08/24 01:00	4	19	22	1	9.4	83	1.1	330	33
06/08/24 01:05					9.5	83	1.5	320	23
06/08/24 01:10					9.5	83	1.4	348	29
06/08/24 01:15					9.6	83	1.6	350	24
06/08/24 01:20					9.5	83	1.2	328	25
06/08/24 01:25					9.5	83	1.0	345	34
06/08/24 01:30					9.4	83	1.0	342	44
06/08/24 01:35					9.4	84	1.0	355	26
06/08/24 01:40					9.2	84	1.7	356	22
06/08/24 01:45					9.3	84	1.7	353	23
06/08/24 01:50					9.3	84	1.2	340	31
06/08/24 01:55					9.3	84	1.1	330	36
06/08/24 02:00					9.3	84	1.2	325	28
06/08/24 02:05	2	17	19	0	9.2	84	1.5	320	28
06/08/24 02:10	2	18	20	1	9.2	84	1.0	322	30
06/08/24 02:15	3	20	23	1	9.2	85	1.1	329	35
06/08/24 02:20	4	22	26	1	9.2	85	1.1	339	33
06/08/24 02:25	4	21	25	1	9.0	85	1.4	344	27
06/08/24 02:30	4	19	22	1	9.0	85	1.3	350	27
06/08/24 02:35	3	18	21	1	9.0	85	1.6	355	26
06/08/24 02:40	3	17	20	1	9.0	85	1.3	3	31
06/08/24 02:45	2	17	19	1	8.9	86	1.0	333	33
06/08/24 02:50	2	17	18	1	8.9	86	1.2	319	26
06/08/24 02:55	2	16	17	1	9.1	85	1.4	350	35
06/08/24 03:00	1	15	17	1	9.0	85	1.2	345	37
06/08/24 03:05	1	15	16	0	8.9	86	0.9	346	34
06/08/24 03:10	1	14	15	0	8.9	86	1.1	344	30
06/08/24 03:15	1	14	15	0	8.9	86	1.2	322	30
06/08/24 03:20	1	13	14	0	8.9	86	1.0	313	32
06/08/24 03:25	1	13	13	0	8.9	85	1.2	355	32
06/08/24 03:30	0	12	13	0	8.9	86	1.5	355	31
06/08/24 03:35	0	12	12	1	8.8	86	1.3	341	33
06/08/24 03:40	1	12	12	0	8.9	86	1.2	332	33
06/08/24 03:45	1	11	12	1	8.8	86	1.1	330	31
06/08/24 03:50	1	11	12	1	8.7	86	1.3	337	32
06/08/24 03:55	1	11	12	1	8.7	86	0.9	343	41
06/08/24 04:00	0	11	12	0	8.7	86	1.7	359	22
06/08/24 04:05	0	11	12	0	8.7	86	1.7	356	27
06/08/24 04:10	0	11	12	1	8.7	86	2.1	355	25
06/08/24 04:15	0	11	11	1	8.7	86	1.9	360	24
06/08/24 04:20	0	10	10	0	8.8	85	2.1	352	20
06/08/24 04:25	0	9	10	1	8.8	85	2.2	357	18
06/08/24 04:30	0	9	9	1	8.8	85	2.3	3	24
06/08/24 04:35	0	9	9	1	8.9	84	2.5	359	21
06/08/24 04:40	1	9	10	1	8.9	84	2.5	2	17
06/08/24 04:45	1	9	10	1	8.9	84	2.5	0	23
06/08/24 04:50	1	8	9	1	8.9	84	2.4	359	20
06/08/24 04:55	0	8	8	1	9.0	84	2.2	359	24
06/08/24 05:00	0	7	8	1	9.0	83	1.8	355	30
06/08/24 05:05	0	7	8	1	9.0	83	2.2	3	27
06/08/24 05:10	0	8	8	1	9.0	84	2.2	354	24
06/08/24 05:15	0	8	8	1	9.0	84	2.4	2	20
06/08/24 05:20	0	9	9	1	8.9	84	2.3	358	25
06/08/24 05:25	0	9	9	1	8.9	84	2.5	352	22
06/08/24 05:30	1	9	10	1	8.8	84	2.0	359	25
06/08/24 05:35	1	11	11	1	8.8	84	2.0	357	30
06/08/24 05:40	1	11	12	1	8.8	85	2.2	359	18
06/08/24 05:45	1	12	12	0	8.8	84	1.9	359	24
06/08/24 05:50	1	12	13	1	8.8	84	1.6	354	32
06/08/24 05:55	1	13	14	0	8.8	85	1.7	1	26
06/08/24 06:00	1	14	15	1	8.8	84	2.3	6	25

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/08/24 06:05	1	14	16	0	8.9	84	2.6	4	16
06/08/24 06:10	1	14	16	1	8.8	84	2.3	7	20
06/08/24 06:15	2	15	16	1	8.9	84	2.5	1	18
06/08/24 06:20	2	15	17	1	8.8	84	2.6	5	20
06/08/24 06:25	2	15	17	1	9.0	84	2.7	8	20
06/08/24 06:30	2	16	18	1	8.9	84	2.9	2	21
06/08/24 06:35	2	16	19	1	9.0	83	2.5	354	28
06/08/24 06:40	2	17	19	1	9.0	83	2.2	9	32
06/08/24 06:45	2	18	20	1	9.1	83	2.2	3	26
06/08/24 06:50	3	19	22	1	9.0	83	2.0	2	26
06/08/24 06:55	4	23	28	1	9.0	84	2.0	347	33
06/08/24 07:00	16	27	42	1	9.0	84	2.5	357	23
06/08/24 07:05	22	27	48	1	9.0	84	2.1	3	20
06/08/24 07:10	26	26	52	1	8.9	84	1.8	355	26
06/08/24 07:15	28	27	54	1	8.9	84	2.0	360	25
06/08/24 07:20	29	28	57	1	8.8	84	2.3	360	21
06/08/24 07:25	31	27	58	1	8.9	84	1.8	359	27
06/08/24 07:30	32	28	59	1	8.9	84	1.9	353	27
06/08/24 07:35	33	27	60	1	9.0	83	1.8	336	30
06/08/24 07:40	33	27	60	1	9.0	83	1.7	343	33
06/08/24 07:45	33	27	61	1	9.1	83	1.8	341	29
06/08/24 07:50	34	28	62	1	9.1	82	1.6	350	34
06/08/24 07:55	35	28	63	1	9.2	82	1.5	336	29
06/08/24 08:00	38	28	65	1	9.2	82	2.1	356	22
06/08/24 08:05	40	27	67	1	9.2	82	2.4	2	19
06/08/24 08:10	30	27	58	1	9.4	82	2.4	3	22
06/08/24 08:15	21	22	43	1	9.7	80	2.0	359	25
06/08/24 08:20	19	21	40	0	9.9	79	2.6	358	22
06/08/24 08:25	18	22	40	1	10.2	77	2.4	4	25
06/08/24 08:30	18	21	40	1	10.4	77	1.9	6	26
06/08/24 08:35	18	21	40	1	10.4	76	2.3	355	31
06/08/24 08:40	19	21	40	1	10.6	76	2.5	1	22
06/08/24 08:45	21	21	42	1	10.8	75	2.1	3	23
06/08/24 08:50	22	21	44	1	11.0	75	2.3	358	20
06/08/24 08:55	24	21	45	1	11.2	74	2.1	359	31
06/08/24 09:00	25	21	46	1	11.4	73	1.8	345	34
06/08/24 09:05	26	21	47	1	11.6	73	1.9	348	29
06/08/24 09:10	25	21	46	1	11.8	72	2.5	354	30
06/08/24 09:15	23	19	42	1	11.8	72	2.1	345	29
06/08/24 09:20	20	18	38	1	12.0	71	2.2	338	27
06/08/24 09:25	18	17	35	1	12.1	71	1.6	337	32
06/08/24 09:30	16	17	34	1	12.3	70	2.5	328	23
06/08/24 09:35	14	18	32	1	12.5	70	2.2	338	31
06/08/24 09:40	13	17	30	1	12.7	69	1.6	335	39
06/08/24 09:45	12	15	27	1	12.9	68	3.1	346	26
06/08/24 09:50	11	14	26	1	13.1	68	1.8	315	33
06/08/24 09:55	11	14	25	1	13.4	67	1.9	323	33
06/08/24 10:00	11	14	26	1	13.7	66	2.1	339	31
06/08/24 10:05	10	14	24	1	13.8	65	2.3	330	30
06/08/24 10:10	10	13	22	1	13.9	65	1.9	308	37
06/08/24 10:15	9	13	22	1	14.0	64	2.5	323	32
06/08/24 10:20	9	12	21	1	14.1	64	2.0	315	30
06/08/24 10:25	8	12	21	1	14.3	63	2.5	310	25
06/08/24 10:30	8	12	20	1	14.4	62	3.1	331	26
06/08/24 10:35	8	11	19	1	14.6	61	3.0	312	23
06/08/24 10:40	8	11	19	1	14.7	61	3.1	323	25
06/08/24 10:45	8	11	19	1	14.8	61	3.0	308	20
06/08/24 10:50	7	11	19	1	14.7	61	4.0	305	16
06/08/24 10:55	7	11	19	2	14.8	61	3.3	316	23
06/08/24 11:00	7	12	19	2	15.0	61	2.8	315	21
06/08/24 11:05	7	11	18	1	15.1	60	2.9	319	24
06/08/24 11:10	7	11	17	1	15.1	61	3.0	318	26
06/08/24 11:15	7	11	17	1	15.2	60	2.9	324	31
06/08/24 11:20	6	10	17	1	15.2	58	3.5	314	20
06/08/24 11:25	6	10	16	1	15.3	57	3.4	312	23
06/08/24 11:30	5	9	15	1	15.3	56	2.1	323	34
06/08/24 11:35	5	9	13	1	15.6	55	3.2	325	27
06/08/24 11:40	4	8	12	1	15.6	55	3.2	330	31
06/08/24 11:45	4	6	10	1	15.7	55	3.2	343	31
06/08/24 11:50	3	5	8	1	15.8	55	2.5	334	32
06/08/24 11:55	3	6	10	1	16.1	54	2.5	328	27
06/08/24 12:00	4	8	12	1	16.1	54	2.2	337	40
06/08/24 12:05	3	8	12	1	15.9	55	3.3	329	27
06/08/24 12:10	3	7	10	1	15.6	55	3.3	336	28
06/08/24 12:15	3	6	9	1	15.7	56	2.4	332	30
06/08/24 12:20	3	6	9	1	15.6	55	3.4	324	21
06/08/24 12:25	3	7	9	1	15.9	55	3.2	319	23
06/08/24 12:30	3	7	9	1	16.1	54	3.3	334	28
06/08/24 12:35	3	7	9	1	16.2	54	2.9	312	25
06/08/24 12:40	3	7	10	1	16.2	53	2.9	311	23
06/08/24 12:45	3	7	10	1	16.4	53	3.2	327	24
06/08/24 12:50	3	7	10	1	16.3	53	2.3	318	29
06/08/24 12:55	3	6	9	1	16.3	53	1.7	322	42
06/08/24 13:00	2	7	9	1	16.3	53	3.2	311	19

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/08/24 13:05	3	7	10	1	16.1	53	2.2	333	25
06/08/24 13:10	2	7	10	1	16.2	54	1.3	301	41
06/08/24 13:15	3	8	10	1	16.4	52	2.4	318	31
06/08/24 13:20	3	8	11	1	16.6	51	3.7	306	18
06/08/24 13:25	3	8	10	1	16.5	50	2.0	316	28
06/08/24 13:30	3	8	11	1	16.7	49	2.5	289	18
06/08/24 13:35	3	8	11	1	16.9	47	3.9	280	17
06/08/24 13:40	3	8	11	1	17.0	46	3.3	283	16
06/08/24 13:45	3	8	11	1	17.0	46	4.3	283	16
06/08/24 13:50	3	8	10	1	16.7	47	5.7	277	11
06/08/24 13:55	3	8	11	1	16.7	46	6.3	275	9
06/08/24 14:00	3	8	11	1	16.6	45	5.3	282	12
06/08/24 14:05	3	7	10	1	16.9	42	5.0	292	14
06/08/24 14:10	3	6	9	1	16.9	43	5.3	288	12
06/08/24 14:15	2	6	9	1	16.7	44	4.6	288	13
06/08/24 14:20	2	6	9	1	16.9	43	4.3	285	12
06/08/24 14:25	2	7	9	1	17.1	42	4.6	278	13
06/08/24 14:30	2	7	9	1	16.8	42	5.2	275	12
06/08/24 14:35	2	7	9	0	16.8	41	6.1	275	14
06/08/24 14:40	2	7	9	0	16.6	42	7.1	270	7
06/08/24 14:45	3	8	10	0	16.5	43	6.8	266	8
06/08/24 14:50	3	8	11	0	16.5	43	6.9	270	8
06/08/24 14:55	3	8	11	0	16.3	43	7.2	265	8
06/08/24 15:00	3	9	12	0	16.3	44	6.0	268	10
06/08/24 15:05	3	10	13	0	16.3	43	7.8	266	6
06/08/24 15:10	3	11	14	0	16.2	43	6.2	273	10
06/08/24 15:15	3	10	13	0	16.2	43	7.2	274	7
06/08/24 15:20	3	9	11	0	16.2	42	7.0	271	9
06/08/24 15:25	3	10	13	1	16.2	41	5.6	285	12
06/08/24 15:30	4	13	16	1	16.3	43	4.1	283	13
06/08/24 15:35	4	11	15	1	16.4	43	5.0	280	16
06/08/24 15:40	4	14	18	1	16.4	42	4.5	284	15
06/08/24 15:45	4	9	13	1	16.5	42	6.3	276	10
06/08/24 15:50	4	8	12	1	16.5	43	4.8	282	15
06/08/24 15:55	4	14	18	1	16.5	43	6.0	281	12
06/08/24 16:00	4	14	18	1	16.5	44	4.4	285	13
06/08/24 16:05	4	12	16	0	16.4	43	4.9	288	14
06/08/24 16:10	3	6	10	0	16.6	43	4.7	287	13
06/08/24 16:15	3	9	12	1	16.6	44	5.6	278	12
06/08/24 16:20	3	6	9	0	16.4	45	5.0	286	17
06/08/24 16:25	3	7	10	0	16.6	43	4.9	286	12
06/08/24 16:30	2	6	9	0	16.5	44	4.0	284	15
06/08/24 16:35	2	6	8	0	16.5	43	4.6	292	13
06/08/24 16:40	2	7	9	0	16.3	45	4.3	288	15
06/08/24 16:45	1	8	10	0	16.3	45	4.3	287	16
06/08/24 16:50	1	8	9	0	16.5	45	4.3	285	15
06/08/24 16:55	1	8	9	0	16.4	44	3.9	290	16
06/08/24 17:00	1	8	9	0	16.5	44	3.7	291	13
06/08/24 17:05	1	8	8	0	16.3	45	3.4	293	19
06/08/24 17:10	1	8	8	0	16.3	44	4.5	297	12
06/08/24 17:15	0	7	8	0	16.4	44	3.1	304	16
06/08/24 17:20	0	8	9	0	16.4	45	2.9	296	15
06/08/24 17:25	0	9	9	0	16.4	45	3.2	299	16
06/08/24 17:30	0	10	10	0	16.3	45	3.5	304	18
06/08/24 17:35	0	10	10	0	16.3	45	2.9	299	15
06/08/24 17:40	0	10	10	0	16.2	45	3.4	293	15
06/08/24 17:45	0	10	10	0	16.3	45	3.4	298	14
06/08/24 17:50	0	10	11	0	16.1	45	2.9	306	15
06/08/24 17:55	0	11	11	0	16.1	44	4.0	310	14
06/08/24 18:00	1	12	12	0	16.0	44	3.0	309	12
06/08/24 18:05	1	13	13	0	15.9	45	3.3	306	12
06/08/24 18:10	1	13	14	0	15.8	45	3.1	307	16
06/08/24 18:15	0	14	14	0	15.7	45	2.7	307	13
06/08/24 18:20	1	15	16	0	15.7	46	2.6	308	12
06/08/24 18:25	1	16	17	0	15.6	46	2.6	308	15
06/08/24 18:30	1	21	22	0	15.6	47	2.6	307	14
06/08/24 18:35	1	26	27	0	15.5	48	2.5	311	20
06/08/24 18:40	2	28	31	1	15.3	49	2.0	319	24
06/08/24 18:45	3	29	32	1	15.2	49	1.7	327	25
06/08/24 18:50	3	28	31	0	15.1	50	1.8	330	28
06/08/24 18:55	3	27	30	0	14.9	51	1.1	318	29
06/08/24 19:00	3	27	30	0	14.8	52	2.0	330	25
06/08/24 19:05	3	26	29	0	14.7	53	1.6	327	32
06/08/24 19:10	2	25	27	0	14.6	54	1.9	329	21
06/08/24 19:15	2	24	26	0	14.6	54	2.1	313	18
06/08/24 19:20	2	24	26	0	14.5	54	1.8	322	23
06/08/24 19:25	2	24	26	0	14.5	54	1.4	336	27
06/08/24 19:30	2	24	27	0	14.2	54	1.6	358	33
06/08/24 19:35	3	25	28	0	14.1	55	2.0	4	23
06/08/24 19:40	3	26	28	1	13.9	55	1.8	10	23
06/08/24 19:45	3	26	29	1	13.7	56	1.5	18	30
06/08/24 19:50	3	26	29	0	13.6	58	1.6	18	20
06/08/24 19:55	3	25	28	0	13.5	59	1.8	25	25
06/08/24 20:00	2	24	26	0	13.4	61	1.8	28	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/08/24 20:05	2	23	25	0	13.4	62	2.2	24	18
06/08/24 20:10	2	21	22	0	13.2	63	2.1	24	12
06/08/24 20:15	1	19	21	0	13.1	64	1.1	21	34
06/08/24 20:20	1	19	20	0	13.1	65	1.9	17	25
06/08/24 20:25	1	18	19	0	13.1	65	1.8	17	25
06/08/24 20:30	1	17	19	0	13.1	65	1.7	14	26
06/08/24 20:35	1	17	18	0	13.0	65	2.1	12	21
06/08/24 20:40	1	16	17	0	13.2	65	2.0	15	21
06/08/24 20:45	1	16	16	0	13.2	64	2.3	18	21
06/08/24 20:50	1	15	16	0	13.4	64	2.4	9	24
06/08/24 20:55	1	15	15	0	13.4	63	2.5	2	22
06/08/24 21:00	1	14	15	0	13.4	63	1.9	356	30
06/08/24 21:05	1	14	15	0	13.4	63	1.7	348	31
06/08/24 21:10	1	15	15	0	13.3	64	1.9	341	24
06/08/24 21:15	1	16	16	0	13.4	63	1.5	350	36
06/08/24 21:20	1	17	18	0	13.4	63	2.0	352	28
06/08/24 21:25	1	18	19	0	13.3	63	1.5	338	32
06/08/24 21:30	2	20	22	0	13.2	63	1.3	340	35
06/08/24 21:35	2	24	26	0	13.0	64	1.6	351	31
06/08/24 21:40	3	25	27	0	12.9	64	1.9	356	24
06/08/24 21:45	3	25	28	0	12.9	64	1.6	353	33
06/08/24 21:50	4	25	29	0	12.8	64	1.1	358	30
06/08/24 21:55	4	26	30	0	12.7	64	1.6	3	23
06/08/24 22:00	4	25	30	0	12.6	65	1.6	353	29
06/08/24 22:05	4	25	29	0	12.5	65	1.2	340	39
06/08/24 22:10	4	25	30	0	12.5	65	1.3	353	35
06/08/24 22:15	4	26	30	0	12.5	65	1.8	348	27
06/08/24 22:20	5	26	31	0	12.5	65	1.6	347	28
06/08/24 22:25	5	26	31	0	12.4	65	1.9	317	23
06/08/24 22:30	6	26	32	0	12.3	65	1.4	347	31
06/08/24 22:35	6	27	33	0	12.3	65	1.8	358	24
06/08/24 22:40	8	27	35	0	12.2	65	1.5	1	27
06/08/24 22:45	9	28	37	0	12.2	65	1.8	2	24
06/08/24 22:50	8	28	36	0	12.2	65	1.6	1	24
06/08/24 22:55	6	24	30	0	12.1	65	1.5	1	30
06/08/24 23:00	2	19	20	0	12.0	65	1.7	7	24
06/08/24 23:05	1	16	16	0	12.0	65	2.2	9	20
06/08/24 23:10	0	14	14	0	12.0	65	1.7	7	25
06/08/24 23:15	0	13	13	0	12.1	65	1.4	7	30
06/08/24 23:20	0	12	12	0	12.0	65	1.8	9	25
06/08/24 23:25	0	12	12	0	12.0	65	2.1	13	21
06/08/24 23:30	0	12	12	0	12.1	65	2.8	3	19
06/08/24 23:35	0	11	12	0	12.0	65	1.9	3	36
06/08/24 23:40	0	11	11	0	12.0	66	2.3	5	24
06/08/24 23:45	0	11	11	0	11.9	66	2.4	3	17
06/08/24 23:50	0	11	11		11.8	67	1.9	1	20
06/08/24 23:55	1	11	12		11.7	68	2.1	8	21
07/08/24 00:00	0	11	11	0	11.6	68	2.0	3	22
07/08/24 00:05	0	11	11	2	11.6	68	2.3	3	21
07/08/24 00:10	0	11	11	2	11.6	69	1.9	7	21
07/08/24 00:15	0	10	11	2	11.5	69	2.1	14	19
07/08/24 00:20	0	10	11	1	11.5	69	2.0	12	28
07/08/24 00:25	0	10	10	2	11.5	69	2.1	15	21
07/08/24 00:30	0	10	10	2	11.5	69	2.0	17	27
07/08/24 00:35	0	10	10	2	11.6	69	2.4	15	22
07/08/24 00:40	0	10	10	1	11.7	69	2.2	14	23
07/08/24 00:45	0	9	10	1	11.7	69	2.3	19	22
07/08/24 00:50	1	9	10	2	11.7	69	2.9	15	18
07/08/24 00:55	0	9	9	2	11.8	68	2.3	10	28
07/08/24 01:00	0	8	9	2	11.9	68	2.2	5	26
07/08/24 01:05					11.8	68	2.2	6	21
07/08/24 01:10					11.9	68	2.1	360	25
07/08/24 01:15					11.9	68	2.5	1	19
07/08/24 01:20					12.0	68	2.7	4	17
07/08/24 01:25					12.0	68	2.0	1	26
07/08/24 01:30					11.9	68	1.9	16	26
07/08/24 01:35					12.0	69	1.6	9	32
07/08/24 01:40					11.9	69	2.2	11	26
07/08/24 01:45					11.9	69	2.2	10	24
07/08/24 01:50					11.9	69	2.3	2	26
07/08/24 01:55					11.9	69	2.0	2	23
07/08/24 02:00					11.9	69	2.3	0	25
07/08/24 02:05	0	7	8	2	11.8	70	2.1	358	21
07/08/24 02:10	0	7	7	2	11.8	70	1.8	1	27
07/08/24 02:15	0	7	7	1	11.8	70	1.6	360	33
07/08/24 02:20	0	7	7	2	11.8	70	1.5	13	26
07/08/24 02:25	0	7	7	2	11.7	70	1.2	0	31
07/08/24 02:30	0	7	7	1	11.8	70	1.4	7	25
07/08/24 02:35	0	8	8	1	11.7	70	1.6	13	26
07/08/24 02:40	0	7	8	1	11.7	70	1.2	12	27
07/08/24 02:45	0	7	8	1	11.8	70	1.4	359	22
07/08/24 02:50	0	8	8	1	11.8	70	1.3	5	28
07/08/24 02:55	0	8	8	1	11.8	70	1.3	19	23
07/08/24 03:00	0	8	8	1	11.9	69	1.5	24	20

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/08/24 03:05	0	8	8	1	11.9	69	1.3	13	28
07/08/24 03:10	0	9	9	1	12.0	69	1.6	5	24
07/08/24 03:15	0	9	9	2	12.0	68	1.5	356	28
07/08/24 03:20	0	9	9	1	12.0	68	1.7	1	24
07/08/24 03:25	0	8	8	1	12.1	68	1.3	354	31
07/08/24 03:30	0	8	8	1	12.2	68	1.6	346	31
07/08/24 03:35	0	8	8	1	12.1	68	1.8	344	29
07/08/24 03:40	0	8	8	1	12.1	68	1.4	332	29
07/08/24 03:45	0	8	8	1	12.1	68	2.1	330	26
07/08/24 03:50	0	8	9	1	12.1	69	1.9	340	26
07/08/24 03:55	0	9	9	1	11.9	69	1.7	345	28
07/08/24 04:00	0	9	9	1	11.9	70	1.5	355	31
07/08/24 04:05	0	10	10	1	11.8	70	1.3	343	32
07/08/24 04:10	0	11	11	1	11.8	69	2.2	352	21
07/08/24 04:15	0	13	14	1	11.9	70	1.9	359	26
07/08/24 04:20	0	15	16	1	11.7	70	1.4	360	37
07/08/24 04:25	0	15	15	1	11.6	71	2.1	5	15
07/08/24 04:30	0	13	13	1	11.6	71	2.1	13	19
07/08/24 04:35	0	10	10	1	11.6	71	2.0	8	20
07/08/24 04:40	0	9	9	1	11.6	70	2.3	8	24
07/08/24 04:45	0	8	9	1	11.7	70	2.5	355	21
07/08/24 04:50	0	8	8	1	11.7	70	2.1	349	27
07/08/24 04:55	0	9	9	1	11.8	70	1.7	358	31
07/08/24 05:00	0	9	9	1	11.5	71	2.1	2	18
07/08/24 05:05	0	10	10	1	11.3	72	2.4	3	18
07/08/24 05:10	0	10	11	1	11.2	73	1.7	13	21
07/08/24 05:15	1	10	11	1	11.1	73	1.6	9	21
07/08/24 05:20	1	10	11	1	10.9	74	2.1	5	24
07/08/24 05:25	0	10	11	1	11.0	74	1.9	1	31
07/08/24 05:30	0	10	11	1	10.8	74	2.4	354	20
07/08/24 05:35	0	10	10	1	10.8	74	2.0	2	26
07/08/24 05:40	0	10	10	1	10.8	74	2.0	356	29
07/08/24 05:45	0	10	11	1	10.7	75	1.6	352	30
07/08/24 05:50	0	11	11	1	10.6	75	2.0	350	24
07/08/24 05:55	1	11	12	1	10.6	75	2.1	356	22
07/08/24 06:00	1	12	12	1	10.6	75	1.3	342	35
07/08/24 06:05	1	12	13	1	10.6	75	2.0	359	19
07/08/24 06:10	1	13	14	1	10.6	75	1.2	354	40
07/08/24 06:15	1	13	14	1	10.5	75	1.6	6	23
07/08/24 06:20	1	14	16	1	10.5	75	0.8	28	30
07/08/24 06:25	1	16	17	1	10.4	76	1.7	23	16
07/08/24 06:30	2	18	20	1	10.3	76	2.3	9	15
07/08/24 06:35	2	21	23	1	10.3	76	2.1	4	23
07/08/24 06:40	2	21	23	1	10.5	75	1.9	9	24
07/08/24 06:45	3	21	23	1	10.5	75	1.6	20	26
07/08/24 06:50	3	21	23	1	10.5	75	1.2	29	29
07/08/24 06:55	3	22	25	1	10.5	75	1.5	17	24
07/08/24 07:00	4	22	26	1	10.4	76	1.7	14	21
07/08/24 07:05	5	23	28	1	10.3	76	1.6	22	22
07/08/24 07:10	6	24	30	1	10.3	76	1.6	25	17
07/08/24 07:15	7	28	36	1	10.3	76	1.1	20	24
07/08/24 07:20	12	27	39	1	10.2	76	1.8	9	20
07/08/24 07:25	16	26	41	1	10.4	76	1.8	23	24
07/08/24 07:30	18	25	44	1	10.3	76	1.7	20	20
07/08/24 07:35	18	26	44	2	10.3	76	1.8	9	18
07/08/24 07:40	18	26	44	2	10.4	76	1.4	8	22
07/08/24 07:45	18	26	44	2	10.3	76	1.8	13	19
07/08/24 07:50	18	26	44	2	10.6	75	1.9	3	21
07/08/24 07:55	14	25	40	2	10.8	74	1.9	8	23
07/08/24 08:00	16	23	39	2	11.0	73	1.8	20	22
07/08/24 08:05	20	24	44	2	11.0	73	2.0	18	21
07/08/24 08:10	21	26	47	2	10.9	73	2.1	25	22
07/08/24 08:15	22	25	47	2	11.0	73	2.0	21	24
07/08/24 08:20					11.0	72	2.0	15	19
07/08/24 08:25					11.0	72	2.4	16	20
07/08/24 08:30					11.1	72	2.6	24	20
07/08/24 08:35					11.3	71	2.4	24	21
07/08/24 08:40					11.4	70	3.2	27	21
07/08/24 08:45					11.6	70	2.4	21	21
07/08/24 08:50					11.8	69	2.1	23	20
07/08/24 08:55					11.9	69	2.6	31	20
07/08/24 09:00					11.9	68	2.5	25	21
07/08/24 09:05					12.3	67	2.6	20	24
07/08/24 09:10					12.4	67	2.2	30	25
07/08/24 09:15					12.5	67	1.5	24	20
07/08/24 09:20					12.9	65	2.4	16	25
07/08/24 09:25					13.0	65	2.3	6	21
07/08/24 09:30					13.1	65	1.7	354	27
07/08/24 09:35					13.3	64	2.1	7	30
07/08/24 09:40					13.7	64	1.6	354	34
07/08/24 09:45					13.9	63	1.1	350	36
07/08/24 09:50					14.1	62	1.9	346	38
07/08/24 09:55					14.3	62	2.5	341	32
07/08/24 10:00					14.2	62	2.5	339	34

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/08/24 10:05				2	14.1	62	2.0	354	33
07/08/24 10:10	6	11	16	1	14.3	62	1.4	350	35
07/08/24 10:15	6	12	18	1	14.4	62	1.7	355	37
07/08/24 10:20	6	12	19	1	14.4	63	1.8	4	34
07/08/24 10:25	7	13	20	1	14.7	62	2.4	3	22
07/08/24 10:30	8	13	21	1	14.8	62	2.4	360	26
07/08/24 10:35	8	13	21	1	14.8	62	2.0	350	29
07/08/24 10:40	8	13	21	1	14.8	62	2.4	341	30
07/08/24 10:45	8	12	20	1	14.8	62	2.4	351	27
07/08/24 10:50	7	11	19	1	14.8	62	1.5	323	36
07/08/24 10:55	7	11	18	1	15.0	61	2.2	351	29
07/08/24 11:00	7	12	19	1	15.1	61	1.4	335	41
07/08/24 11:05	7	12	19	1	15.5	60	2.2	9	28
07/08/24 11:10	7	11	19	1	15.9	58	2.5	6	23
07/08/24 11:15	7	11	18	1	16.1	57	1.7	358	33
07/08/24 11:20	7	11	18	1	16.3	57	1.8	322	31
07/08/24 11:25	6	10	16	1	16.4	55	3.0	325	29
07/08/24 11:30	5	10	15	1	16.3	56	2.6	326	32
07/08/24 11:35	5	9	14	2	16.4	55	1.9	321	35
07/08/24 11:40	5	9	14	2	16.6	54	2.6	314	19
07/08/24 11:45	5	9	14	2	16.7	54	2.8	327	31
07/08/24 11:50	4	9	13	2	16.9	53	1.2	337	42
07/08/24 11:55	4	9	14	2	17.1	52	2.9	339	33
07/08/24 12:00	4	9	13	2	17.3	51	3.2	341	24
07/08/24 12:05	4	8	12	2	17.4	51	2.4	337	39
07/08/24 12:10	4	8	12	2	17.4	52	2.6	326	31
07/08/24 12:15	4	9	12	2	17.3	52	2.0	310	33
07/08/24 12:20	4	9	13	2	17.4	52	2.9	315	22
07/08/24 12:25	4	9	13	2	17.4	52	3.1	327	30
07/08/24 12:30	4	8	12	2	17.5	51	2.9	334	24
07/08/24 12:35	4	8	12	2	17.6	51	2.7	329	25
07/08/24 12:40	4	8	11	2	17.6	51	2.5	334	33
07/08/24 12:45	3	8	11	2	17.6	51	2.8	327	21
07/08/24 12:50	3	8	12	2	17.4	52	2.0	326	27
07/08/24 12:55	3	8	11	2	17.4	51	2.0	348	32
07/08/24 13:00	2	8	10	2	17.4	48	2.4	333	26
07/08/24 13:05	2	7	9	2	17.3	48	1.6	351	35
07/08/24 13:10	2	7	9	2	17.4	47	2.3	317	31
07/08/24 13:15	2	7	9	2	17.5	47	1.9	328	29
07/08/24 13:20	2	7	9	2	17.5	47	2.7	328	28
07/08/24 13:25	2	7	9	2	17.5	47	2.6	337	25
07/08/24 13:30	2	7	9	2	17.4	46	1.8	332	31
07/08/24 13:35	2	7	8	2	17.6	45	3.0	320	23
07/08/24 13:40	2	6	8	2	18.0	45	2.7	315	23
07/08/24 13:45	2	6	8	2	17.9	46	1.9	333	32
07/08/24 13:50	2	7	8	2	17.6	46	2.3	332	36
07/08/24 13:55	2	7	9	2	17.7	46	2.3	346	33
07/08/24 14:00	2	8	10	2	17.7	46	2.8	332	24
07/08/24 14:05	2	9	12	2	17.6	47	2.2	0	30
07/08/24 14:10	3	11	13	2	17.6	47	2.6	356	27
07/08/24 14:15	3	11	14	2	17.5	48	1.9	329	35
07/08/24 14:20	3	11	13	1	17.5	49	1.9	349	36
07/08/24 14:25	3	11	13	1	17.5	48	2.3	2	34
07/08/24 14:30	3	11	14	2	17.6	49	1.5	344	39
07/08/24 14:35	3	11	14	1	17.6	44	2.4	338	27
07/08/24 14:40	2	9	12	2	17.8	42	2.8	310	19
07/08/24 14:45	2	9	11	2	17.8	42	2.6	319	27
07/08/24 14:50	2	8	10	2	17.9	42	2.5	320	21
07/08/24 14:55	2	8	10	2	17.9	41	2.6	341	26
07/08/24 15:00	2	7	9	2	17.9	41	1.6	327	31
07/08/24 15:05	2	7	9	2	17.9	42	2.7	290	25
07/08/24 15:10	2	7	8	2	17.7	43	3.0	301	16
07/08/24 15:15	2	7	9	2	17.7	44	2.8	312	24
07/08/24 15:20	1	7	9	2	17.6	43	2.9	320	24
07/08/24 15:25	1	6	7	2	17.7	42	2.8	340	24
07/08/24 15:30	1	6	7	2	17.9	40	2.1	341	28
07/08/24 15:35	1	6	8	2	17.7	42	2.6	328	23
07/08/24 15:40	1	7	8	2	18.1	42	2.3	335	33
07/08/24 15:45	1	7	8	2	18.1	45	3.3	350	28
07/08/24 15:50	1	8	9	1	17.8	50	2.2	333	39
07/08/24 15:55	2	10	12	2	17.3	52	2.0	330	34
07/08/24 16:00	2	14	16	2	17.0	54	2.5	350	26
07/08/24 16:05	3	19	22	2	17.1	55	3.1	4	21
07/08/24 16:10	3	10	13	2	17.0	54	2.9	12	17
07/08/24 16:15	3	8	11	2	16.9	55	2.7	8	23
07/08/24 16:20	3	9	12	2	16.7	56	3.0	8	25
07/08/24 16:25	3	11	13	2	16.6	56	3.0	4	25
07/08/24 16:30	3	11	14	2	16.5	57	3.2	8	26
07/08/24 16:35	2	10	13	2	16.5	57	3.1	14	21
07/08/24 16:40	2	11	13	2	16.4	57	2.2	22	23
07/08/24 16:45	2	12	13	1	16.4	57	2.3	10	23
07/08/24 16:50	2	12	14	2	16.5	56	2.9	32	16
07/08/24 16:55	2	12	14	2	16.6	55	3.3	24	17
07/08/24 17:00	2	12	13	2	16.5	56	2.8	5	27

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/08/24 17:05	2	12	13	2	16.3	57	2.3	10	25
07/08/24 17:10	1	12	13	2	16.3	57	2.5	18	24
07/08/24 17:15	1	12	13	1	16.2	57	2.5	8	19
07/08/24 17:20	1	12	13	1	16.2	57	2.4	3	25
07/08/24 17:25	1	12	13	2	16.1	57	2.7	6	21
07/08/24 17:30	1	12	13	2	16.0	58	3.1	22	17
07/08/24 17:35	1	12	13	2	16.0	58	2.6	20	16
07/08/24 17:40	1	12	13	1	15.9	58	2.5	22	15
07/08/24 17:45	1	12	13	1	15.8	59	3.4	25	17
07/08/24 17:50	1	12	13	2	15.7	59	2.1	18	24
07/08/24 17:55	1	12	13	2	15.5	60	2.5	14	20
07/08/24 18:00	1	12	13	2	15.4	60	2.3	16	25
07/08/24 18:05	1	12	13	2	15.3	60	3.5	11	19
07/08/24 18:10	1	12	12	2	15.2	61	2.9	21	22
07/08/24 18:15	1	11	12	2	15.1	61	3.0	9	23
07/08/24 18:20	1	11	12	2	15.1	61	2.6	9	21
07/08/24 18:25	1	11	12	2	15.0	62	3.1	10	19
07/08/24 18:30	0	12	12	2	15.0	62	2.3	13	29
07/08/24 18:35	1	12	12	1	14.9	62	2.2	19	23
07/08/24 18:40	1	12	13	1	14.7	63	2.1	22	20
07/08/24 18:45	1	12	13	1	14.7	63	2.4	21	15
07/08/24 18:50	1	13	13	1	14.7	63	1.9	16	18
07/08/24 18:55	1	13	14	2	14.6	63	1.9	15	29
07/08/24 19:00	1	13	14	2	14.6	63	2.1	14	24
07/08/24 19:05	1	13	13	2	14.5	63	1.9	10	28
07/08/24 19:10	1	13	14	1	14.4	64	2.2	6	24
07/08/24 19:15	1	13	14	1	14.4	64	2.0	8	22
07/08/24 19:20	1	13	14	2	14.2	65	1.7	8	25
07/08/24 19:25	0	14	14	2	14.1	65	2.0	16	21
07/08/24 19:30	1	14	15	2	14.0	66	2.5	19	24
07/08/24 19:35	1	15	15	2	14.1	66	2.6	17	16
07/08/24 19:40	1	15	16	2	14.0	66	2.6	19	19
07/08/24 19:45	1	16	16	2	14.0	66	2.9	20	20
07/08/24 19:50	1	15	16	2	13.9	66	2.8	13	19
07/08/24 19:55	1	15	16	2	13.8	66	2.5	11	19
07/08/24 20:00	0	15	15	2	13.8	66	3.1	12	16
07/08/24 20:05	0	14	15	2	13.8	66	2.8	7	18
07/08/24 20:10	0	14	15	2	13.8	66	3.2	6	20
07/08/24 20:15	0	14	15	2	13.7	66	2.6	9	25
07/08/24 20:20	0	15	15	2	13.6	67	2.6	2	21
07/08/24 20:25	0	15	15	2	13.5	67	1.8	2	24
07/08/24 20:30	1	15	16	2	13.4	68	2.2	10	29
07/08/24 20:35	1	15	16	2	13.4	68	2.7	6	29
07/08/24 20:40	1	15	16	2	13.3	68	2.2	359	24
07/08/24 20:45	1	15	16	2	13.3	68	1.3	2	34
07/08/24 20:50	1	15	16	2	13.1	69	2.0	8	32
07/08/24 20:55	1	15	15	2	13.2	68	2.0	2	27
07/08/24 21:00	0	14	15	2	13.2	69	1.4	337	40
07/08/24 21:05	1	15	15	1	13.1	69	1.0	322	33
07/08/24 21:10	1	15	16	2	13.0	70	1.1	324	40
07/08/24 21:15	1	16	17	2	12.9	70	1.5	320	29
07/08/24 21:20	3	25	28	2	12.7	70	1.3	325	30
07/08/24 21:25	25	29	54	2	12.7	71	1.5	348	25
07/08/24 21:30	27	27	54	2	12.6	71	1.6	2	22
07/08/24 21:35	25	27	53	2	12.5	72	2.2	4	21
07/08/24 21:40	15	25	41	2	12.4	72	2.0	8	26
07/08/24 21:45	9	24	33	2	12.4	72	2.5	5	18
07/08/24 21:50	6	25	31	2	12.3	72	1.8	6	27
07/08/24 21:55	5	24	29	2	12.2	73	2.0	8	27
07/08/24 22:00	3	22	26	2	12.1	73	1.8	1	23
07/08/24 22:05	3	22	25	2	12.2	73	1.7	0	21
07/08/24 22:10	4	22	27	2	12.1	73	1.8	0	19
07/08/24 22:15	5	24	29	2	12.0	74	1.3	347	28
07/08/24 22:20	5	23	29	2	12.1	74	1.8	329	26
07/08/24 22:25	5	23	28	2	12.0	73	1.5	327	25
07/08/24 22:30	5	23	28	2	12.0	74	1.7	332	25
07/08/24 22:35	5	23	28	2	12.0	74	1.3	325	26
07/08/24 22:40	6	23	29	2	12.0	74	1.3	322	26
07/08/24 22:45	7	24	30	2	11.9	74	1.7	319	21
07/08/24 22:50	7	24	30	2	11.9	74	1.2	328	36
07/08/24 22:55	6	24	30	2	11.9	74	2.1	2	26
07/08/24 23:00	5	23	28	2	11.9	74	2.1	6	26
07/08/24 23:05	4	18	22	2	12.0	73	2.5	9	17
07/08/24 23:10	3	14	17	2	12.2	72	2.9	17	18
07/08/24 23:15	2	14	16	2	12.3	71	2.9	22	17
07/08/24 23:20	1	15	16	2	12.3	71	2.6	21	15
07/08/24 23:25	1	15	16	2	12.4	71	2.9	24	21
07/08/24 23:30	1	15	16	2	12.3	71	2.5	23	23
07/08/24 23:35	1	15	16	2	12.3	71	3.3	26	17
07/08/24 23:40	1	15	16	2	12.4	70	3.3	26	15
07/08/24 23:45	1	15	15	2	12.4	70	3.0	24	19
07/08/24 23:50	1	14	15		12.4	70	3.4	22	18
07/08/24 23:55	1	13	14		12.4	70	2.8	24	19
08/08/24 00:00	1	13	13	2	12.4	70	3.5	26	15

Station Pier Ambient Air Quality Monitoring

August 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/08/24 00:05	0	12	13	2	12.3	70	3.8	25	22
08/08/24 00:10	0	12	12	1	12.3	70	3.1	28	19
08/08/24 00:15	0	11	12	1	12.3	69	4.5	24	15
08/08/24 00:20	0	11	11	1	12.3	69	3.4	29	17
08/08/24 00:25	1	10	11	1	12.5	69	3.3	26	18
08/08/24 00:30	1	10	10	1	12.5	69	2.6	18	22
08/08/24 00:35	0	9	10	1	12.4	69	2.8	10	27
08/08/24 00:40	0	9	10	1	12.3	69	4.2	17	23
08/08/24 00:45	0	9	9	1	12.4	69	3.4	18	19
08/08/24 00:50	0	9	9	1	12.4	69	3.2	14	21
08/08/24 00:55	0	9	9	1	12.4	69	3.1	27	23
08/08/24 01:00	0	9	9	1	12.3	69	3.5	22	18
08/08/24 01:05					12.4	69	4.1	28	16
08/08/24 01:10					12.4	68	3.9	32	16
08/08/24 01:15					12.5	68	3.4	22	18
08/08/24 01:20									
08/08/24 01:25									
08/08/24 01:30									
08/08/24 01:35									
08/08/24 01:40									
08/08/24 01:45									
08/08/24 01:50									
08/08/24 01:55									
08/08/24 02:00									
08/08/24 02:05									
08/08/24 02:10									
08/08/24 02:15									
08/08/24 02:20									
08/08/24 02:25									
08/08/24 02:30									
08/08/24 02:35									
08/08/24 02:40									
08/08/24 02:45									
08/08/24 02:50									
08/08/24 02:55									
08/08/24 03:00									
08/08/24 03:05									
08/08/24 03:10									
08/08/24 03:15									
08/08/24 03:20									
08/08/24 03:25									
08/08/24 03:30									
08/08/24 03:35									
08/08/24 03:40									
08/08/24 03:45									
08/08/24 03:50									
08/08/24 03:55									
08/08/24 04:00									
08/08/24 04:05									
08/08/24 04:10									
08/08/24 04:15									
08/08/24 04:20									
08/08/24 04:25									
08/08/24 04:30									
08/08/24 04:35									
08/08/24 04:40									
08/08/24 04:45									
08/08/24 04:50									
08/08/24 04:55									
08/08/24 05:00									
08/08/24 05:05									
08/08/24 05:10									
08/08/24 05:15									
08/08/24 05:20									
08/08/24 05:25									
08/08/24 05:30									
08/08/24 05:35									
08/08/24 05:40									
08/08/24 05:45									
08/08/24 05:50									
08/08/24 05:55									
08/08/24 06:00									
08/08/24 06:05									
08/08/24 06:10									
08/08/24 06:15									
08/08/24 06:20									
08/08/24 06:25									
08/08/24 06:30									
08/08/24 06:35									
08/08/24 06:40									
08/08/24 06:45									
08/08/24 06:50									
08/08/24 06:55									
08/08/24 07:00									

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/08/24 07:05									
08/08/24 07:10									
08/08/24 07:15									
08/08/24 07:20									
08/08/24 07:25									
08/08/24 07:30									
08/08/24 07:35									
08/08/24 07:40									
08/08/24 07:45									
08/08/24 07:50									
08/08/24 07:55									
08/08/24 08:00									
08/08/24 08:05									
08/08/24 08:10									
08/08/24 08:15									
08/08/24 08:20									
08/08/24 08:25									
08/08/24 08:30									
08/08/24 08:35									
08/08/24 08:40									
08/08/24 08:45									
08/08/24 08:50									
08/08/24 08:55									
08/08/24 09:00									
08/08/24 09:05									
08/08/24 09:10									
08/08/24 09:15									
08/08/24 09:20									
08/08/24 09:25									
08/08/24 09:30									
08/08/24 09:35									
08/08/24 09:40									
08/08/24 09:45									
08/08/24 09:50									
08/08/24 09:55									
08/08/24 10:00									
08/08/24 10:05									
08/08/24 10:10									
08/08/24 10:15									
08/08/24 10:20									
08/08/24 10:25									
08/08/24 10:30									
08/08/24 10:35									
08/08/24 10:40									
08/08/24 10:45									
08/08/24 10:50									
08/08/24 10:55									
08/08/24 11:00									
08/08/24 11:05									
08/08/24 11:10									
08/08/24 11:15									
08/08/24 11:20									
08/08/24 11:25									
08/08/24 11:30									
08/08/24 11:35									
08/08/24 11:40									
08/08/24 11:45									
08/08/24 11:50									
08/08/24 11:55									
08/08/24 12:00									
08/08/24 12:05									
08/08/24 12:10									
08/08/24 12:15									
08/08/24 12:20									
08/08/24 12:25									
08/08/24 12:30									
08/08/24 12:35									
08/08/24 12:40									
08/08/24 12:45									
08/08/24 12:50									
08/08/24 12:55									
08/08/24 13:00									
08/08/24 13:05									
08/08/24 13:10									
08/08/24 13:15									
08/08/24 13:20									
08/08/24 13:25									
08/08/24 13:30									
08/08/24 13:35									
08/08/24 13:40					14.1	60	3.8	8	25
08/08/24 13:45					14.1	60	4.5	3	30
08/08/24 13:50					14.0	60	5.0	18	22
08/08/24 13:55					14.1	60	4.6	28	17
08/08/24 14:00					14.1	61	4.3	31	16

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/08/24 14:05					14.1	61	3.8	22	30
08/08/24 14:10					14.0	61	4.4	31	15
08/08/24 14:15					14.1	61	3.8	33	17
08/08/24 14:20					14.1	61	4.4	23	17
08/08/24 14:25					14.1	61	4.9	15	17
08/08/24 14:30					14.1	61	4.1	10	22
08/08/24 14:35					14.1	61	4.2	19	21
08/08/24 14:40					14.2	61	4.5	8	20
08/08/24 14:45					14.1	62	5.2	7	16
08/08/24 14:50	2	12	15	2	14.1	62	3.9	4	24
08/08/24 14:55	3	12	14	2	14.1	62	3.3	352	34
08/08/24 15:00	3	12	15	2	14.1	62	3.8	4	26
08/08/24 15:05	3	13	15	2	14.0	62	3.6	355	31
08/08/24 15:10	3	13	16	2	14.0	62	3.4	359	27
08/08/24 15:15	3	14	18	3	14.1	62	3.6	351	29
08/08/24 15:20	3	15	18	2	14.1	62	3.6	356	26
08/08/24 15:25	3	15	18	2	14.1	62	3.9	353	26
08/08/24 15:30	3	14	18	2	14.1	62	4.3	9	22
08/08/24 15:35	3	14	17	2	14.1	62	3.9	2	30
08/08/24 15:40	3	14	17	2	14.0	62	2.9	354	38
08/08/24 15:45	3	14	17	2	14.1	62	3.7	0	25
08/08/24 15:50	3	14	17	2	14.0	62	4.4	6	25
08/08/24 15:55	3	13	16	2	14.0	63	4.5	8	22
08/08/24 16:00	3	13	15	2	14.0	63	4.2	11	20
08/08/24 16:05	2	12	15	2	14.0	63	4.0	13	22
08/08/24 16:10	2	12	14	2	14.0	63	5.2	19	18
08/08/24 16:15	2	12	14	2	14.0	63	4.3	15	19
08/08/24 16:20	2	11	13	2	14.0	63	4.4	4	24
08/08/24 16:25	2	11	13	2	13.9	63	4.6	9	18
08/08/24 16:30	2	11	13	2	13.9	64	3.1	355	40
08/08/24 16:35	2	12	14	2	14.0	64	3.7	350	33
08/08/24 16:40	2	12	14	2	14.0	64	3.2	325	28
08/08/24 16:45	2	13	15	2	14.0	65	3.2	309	19
08/08/24 16:50	2	13	15	2	14.0	65	3.5	303	17
08/08/24 16:55	2	14	16	2	13.9	65	2.9	316	20
08/08/24 17:00	2	14	16	2	13.9	65	2.6	318	22
08/08/24 17:05	2	15	17	2	13.9	65	3.2	332	28
08/08/24 17:10	2	15	17	2	13.9	65	2.4	356	27
08/08/24 17:15	2	15	17	3	13.8	65	3.6	14	26
08/08/24 17:20	2	15	17	2	13.9	65	3.9	8	23
08/08/24 17:25	2	14	16	2	13.9	66	3.1	353	34
08/08/24 17:30	2	14	15	3	13.8	66	3.7	1	21
08/08/24 17:35	1	13	15	2	13.8	66	3.8	360	28
08/08/24 17:40	1	13	14	2	13.9	66	2.8	11	24
08/08/24 17:45	1	13	14	2	13.7	66	3.5	18	27
08/08/24 17:50	1	12	13	2	13.8	65	2.3	2	37
08/08/24 17:55	1	12	12	2	13.8	65	3.6	12	25
08/08/24 18:00	1	11	11	2	13.9	64	3.8	11	19
08/08/24 18:05	1	10	11	2	13.9	64	3.6	4	26
08/08/24 18:10	1	10	11	2	14.0	63	3.2	9	31
08/08/24 18:15	1	10	11	2	14.1	63	4.8	9	26
08/08/24 18:20	1	10	11	2	14.0	63	4.1	14	25
08/08/24 18:25	1	10	11	2	14.0	63	4.1	17	22
08/08/24 18:30	1	10	11	2	14.0	63	4.8	8	23
08/08/24 18:35	1	10	11	2	14.1	62	5.5	8	21
08/08/24 18:40	1	10	11	2	14.2	62	4.5	8	24
08/08/24 18:45	1	10	11	2	14.2	62	4.7	359	27
08/08/24 18:50	1	10	10	2	14.2	61	3.5	359	38
08/08/24 18:55	1	9	10	2	14.2	61	4.5	5	28
08/08/24 19:00	1	9	10	2	14.2	61	4.7	6	27
08/08/24 19:05	1	9	10	2	14.1	61	5.4	9	24
08/08/24 19:10	1	9	9	2	14.2	61	4.8	11	20
08/08/24 19:15	1	8	9	2	14.2	61	5.2	7	23
08/08/24 19:20	0	8	9	3	14.2	61	4.9	360	22
08/08/24 19:25	0	8	8	2	14.2	61	4.0	2	23
08/08/24 19:30	0	8	9	2	14.2	62	4.6	5	21
08/08/24 19:35	0	8	9	2	14.2	62	4.6	12	22
08/08/24 19:40	1	9	9	2	14.2	62	3.4	360	27
08/08/24 19:45	1	9	10	2	14.2	62	3.7	9	18
08/08/24 19:50	1	9	10	2	14.1	62	3.7	357	26
08/08/24 19:55	1	10	10	2	14.1	62	3.9	360	26
08/08/24 20:00	0	9	10	2	14.2	62	3.7	1	21
08/08/24 20:05	0	10	10	2	14.1	62	3.5	8	23
08/08/24 20:10	0	10	10	2	14.1	63	3.1	5	25
08/08/24 20:15	0	10	10	2	14.1	62	3.5	358	23
08/08/24 20:20	1	10	10	2	14.2	62	3.2	9	30
08/08/24 20:25	0	10	10	2	14.1	62	2.6	5	35
08/08/24 20:30	0	9	10	2	14.2	62	3.5	15	23
08/08/24 20:35	0	9	9	2	14.2	62	4.4	19	23
08/08/24 20:40	0	8	8	2	14.2	63	3.8	21	24
08/08/24 20:45	0	7	8	2	14.1	63	3.9	10	24
08/08/24 20:50	0	7	7	2	14.2	62	3.7	9	25
08/08/24 20:55	0	6	6	2	14.2	62	3.4	13	26
08/08/24 21:00	0	6	6	2	14.2	62	4.0	7	21

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/08/24 21:05	0	6	6	2	14.3	61	3.9	8	26
08/08/24 21:10	0	6	6	2	14.2	61	3.6	2	23
08/08/24 21:15	0	5	6	2	14.3	61	3.2	12	27
08/08/24 21:20	0	5	5	2	14.3	61	3.8	6	24
08/08/24 21:25	0	5	5	2	14.4	61	4.1	7	21
08/08/24 21:30	0	5	5	2	14.4	61	2.5	351	31
08/08/24 21:35	0	6	6	2	14.3	61	2.3	337	32
08/08/24 21:40	0	7	7	2	14.3	61	2.1	328	32
08/08/24 21:45	0	8	8	2	14.2	61	1.9	324	33
08/08/24 21:50	0	9	10	2	14.2	61	1.4	326	32
08/08/24 21:55	0	10	10	2	14.3	61	2.4	343	33
08/08/24 22:00	0	11	11	2	14.2	61	2.5	344	34
08/08/24 22:05	0	11	11	2	14.3	61	3.0	315	29
08/08/24 22:10	0	10	10	2	14.3	61	2.8	332	32
08/08/24 22:15	0	10	10	2	14.2	61	3.6	324	24
08/08/24 22:20	0	9	9	2	14.2	61	3.1	336	25
08/08/24 22:25	0	8	8	2	14.2	62	3.2	322	23
08/08/24 22:30	0	8	8	2	14.0	64	2.5	320	29
08/08/24 22:35	0	7	8	2	13.8	65	3.1	332	25
08/08/24 22:40	0	7	7	2	13.6	66	2.9	339	31
08/08/24 22:45	0	7	7	2	13.6	66	2.0	328	37
08/08/24 22:50	0	7	7	2	13.6	66	2.5	330	29
08/08/24 22:55	0	6	7	2	13.6	66	2.5	332	36
08/08/24 23:00	0	6	7	2	13.6	65	2.6	334	36
08/08/24 23:05	0	6	7	2	13.8	65	2.1	333	33
08/08/24 23:10	0	6	7	2	13.7	65	2.7	339	31
08/08/24 23:15	0	6	7	2	13.8	65	1.7	357	37
08/08/24 23:20	0	7	7	2	13.8	64	2.3	345	36
08/08/24 23:25	0	7	7	2	13.8	64	1.6	327	47
08/08/24 23:30	0	7	7	2	13.8	63	2.5	332	40
08/08/24 23:35	0	6	6	2	14.0	63	3.1	339	30
08/08/24 23:40	0	6	6	2	13.9	63	2.7	322	25
08/08/24 23:45	0	5	6	2	13.8	64	2.4	345	36
08/08/24 23:50	0	5	5		13.8	64	1.9	334	38
08/08/24 23:55	0	5	5		13.7	64	2.4	325	28
09/08/24 00:00	0	5	5	2	13.8	64	2.5	330	26
09/08/24 00:05	0	5	5	3	13.8	64	2.4	323	32
09/08/24 00:10	0	5	5	2	13.7	64	2.6	333	30
09/08/24 00:15	0	5	5	2	13.8	64	2.5	344	33
09/08/24 00:20	0	5	5	2	13.8	64	2.9	332	27
09/08/24 00:25	0	5	5	2	13.7	64	2.8	335	29
09/08/24 00:30	0	5	5	1	13.6	65	2.7	327	24
09/08/24 00:35	0	5	5	1	13.6	65	2.6	321	28
09/08/24 00:40	0	5	6	1	13.6	65	2.4	321	26
09/08/24 00:45	0	6	6	1	13.6	65	2.0	333	25
09/08/24 00:50	0	6	6	1	13.5	66	1.4	331	39
09/08/24 00:55	0	6	6	1	13.5	66	0.8	324	49
09/08/24 01:00	0	6	6	1	13.5	66	1.4	344	39
09/08/24 01:05					13.5	66	1.2	319	35
09/08/24 01:10					13.4	66	1.9	342	28
09/08/24 01:15					13.4	67	1.5	347	39
09/08/24 01:20					13.5	67	1.1	344	45
09/08/24 01:25					13.3	67	0.8	356	47
09/08/24 01:30					13.4	67	1.5	329	33
09/08/24 01:35					13.3	67	1.6	354	31
09/08/24 01:40					13.3	67	1.6	4	30
09/08/24 01:45					13.3	67	1.3	348	39
09/08/24 01:50					13.3	67	1.2	343	37
09/08/24 01:55					13.3	67	1.4	357	35
09/08/24 02:00					13.3	67	1.6	350	29
09/08/24 02:05	0	7	8	1	13.3	68	1.4	348	43
09/08/24 02:10	0	8	8	1	13.3	68	1.5	320	23
09/08/24 02:15	0	8	8	1	13.4	68	1.8	335	34
09/08/24 02:20	0	7	8	1	13.4	68	1.5	328	29
09/08/24 02:25	0	7	7	0	13.4	68	1.6	333	32
09/08/24 02:30	0	7	7	0	13.4	68	0.8	348	41
09/08/24 02:35	0	7	8	1	13.3	69	1.3	360	37
09/08/24 02:40	0	8	8	1	13.3	69	0.9	331	44
09/08/24 02:45	0	8	9	1	13.3	69	1.7	327	27
09/08/24 02:50	0	8	9	0	13.3	69	1.8	317	28
09/08/24 02:55	0	9	9	0	13.3	70	1.7	314	25
09/08/24 03:00	0	9	10	0	13.3	70	1.4	342	28
09/08/24 03:05	0	10	10	0	13.3	70	1.5	322	27
09/08/24 03:10	0	10	10	0	13.3	70	1.5	330	23
09/08/24 03:15	0	10	11	1	13.3	70	1.4	307	14
09/08/24 03:20	1	11	11	1	13.2	70	1.3	333	28
09/08/24 03:25	1	11	12	0	13.2	71	1.3	322	31
09/08/24 03:30	1	13	14	0	13.1	71	1.3	326	30
09/08/24 03:35	2	15	16	0	13.2	71	1.5	332	23
09/08/24 03:40	3	21	23	0	13.1	72	1.4	315	26
09/08/24 03:45	3	18	21	1	13.0	72	1.6	358	30
09/08/24 03:50	2	11	13	0	13.0	73	1.8	326	20
09/08/24 03:55	2	11	12	0	12.9	73	1.6	322	25
09/08/24 04:00	1	11	13	0	12.9	73	1.5	319	21

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/08/24 04:05	1	12	13	1	12.8	73	1.7	321	20
09/08/24 04:10	1	13	13	1	12.8	74	1.2	318	27
09/08/24 04:15	0	13	13	1	12.7	74	0.5	358	53
09/08/24 04:20	0	13	13	0	12.6	75	0.6	3	37
09/08/24 04:25	0	13	13	0	12.5	75	1.3	354	28
09/08/24 04:30	0	12	13	0	12.6	76	1.1	318	31
09/08/24 04:35	0	11	12	0	12.5	76	1.4	324	22
09/08/24 04:40	0	11	11	0	12.5	76	1.2	325	25
09/08/24 04:45	0	11	11	0	12.5	76	0.9	326	32
09/08/24 04:50	0	11	11	0	12.4	76	0.9	336	31
09/08/24 04:55	0	12	12	0	12.4	77	0.9	317	35
09/08/24 05:00	0	12	12	0	12.3	77	1.2	330	33
09/08/24 05:05	0	12	13	0	12.3	77	1.1	317	26
09/08/24 05:10	1	13	13	0	12.3	77	1.4	310	16
09/08/24 05:15	1	13	14	0	12.3	77	1.4	318	25
09/08/24 05:20	1	14	14	0	12.2	77	1.7	324	25
09/08/24 05:25	1	14	15	0	12.3	77	1.4	329	29
09/08/24 05:30	2	15	17	0	12.3	77	1.5	352	24
09/08/24 05:35	6	25	30	0	12.2	77	1.4	5	24
09/08/24 05:40	15	23	38	0	12.1	77	1.0	25	29
09/08/24 05:45	20	23	42	0	12.1	77	1.3	32	17
09/08/24 05:50	17	23	40	1	12.1	77	1.4	34	13
09/08/24 05:55	9	24	33	1	12.1	77	1.2	2	24
09/08/24 06:00	5	20	26	1	12.2	77	1.6	5	17
09/08/24 06:05	3	19	22	1	12.3	76	1.7	354	17
09/08/24 06:10	3	19	22	1	12.4	76	1.6	353	27
09/08/24 06:15	3	19	21	1	12.3	76	1.4	356	25
09/08/24 06:20	3	19	22	1	12.3	77	1.1	354	34
09/08/24 06:25	3	20	23	0	12.3	77	1.6	359	20
09/08/24 06:30	4	20	23	0	12.3	77	1.4	11	22
09/08/24 06:35	4	20	24	0	12.2	77	0.9	23	21
09/08/24 06:40	4	20	24	1	12.1	78	1.2	18	21
09/08/24 06:45	4	20	24	1	12.0	78	1.4	18	21
09/08/24 06:50	5	20	24	1	12.0	78	1.7	3	18
09/08/24 06:55	6	20	26	1	12.0	78	0.9	357	32
09/08/24 07:00	6	21	27	1	12.0	78	1.3	349	23
09/08/24 07:05	7	21	28	1	12.0	78	1.2	356	25
09/08/24 07:10	8	21	29	1	12.0	78	1.4	350	25
09/08/24 07:15	8	21	29	1	12.0	78	1.2	332	25
09/08/24 07:20	12	23	35	0	11.9	78	0.8	346	40
09/08/24 07:25	29	25	54	1	11.9	79	0.8	347	32
09/08/24 07:30	32	24	57	1	11.8	79	0.9	337	30
09/08/24 07:35	34	23	58	1	11.8	79	0.8	325	41
09/08/24 07:40	36	23	59	1	11.7	79	1.5	323	23
09/08/24 07:45	40	26	66	1	11.8	79	1.0	314	30
09/08/24 07:50	46	25	71	1	11.8	79	1.3	338	28
09/08/24 07:55	43	23	66	1	12.0	77	1.5	310	19
09/08/24 08:00	41	23	64	1	12.1	77	1.5	318	26
09/08/24 08:05	42	24	65	1	12.2	76	1.2	323	30
09/08/24 08:10	41	24	65	1	12.3	75	1.5	328	26
09/08/24 08:15	36	23	59	1	12.3	75	1.8	317	22
09/08/24 08:20	33	22	55	1	12.4	75	1.7	325	24
09/08/24 08:25	33	22	56	1	12.4	74	1.3	339	31
09/08/24 08:30	34	22	56	0	12.5	74	1.8	331	21
09/08/24 08:35	33	22	55	1	12.7	73	1.6	355	29
09/08/24 08:40	32	21	54	1	12.7	73	2.0	334	23
09/08/24 08:45	31	21	52	1	12.9	72	1.5	351	21
09/08/24 08:50	31	20	52	1	13.1	72	0.6	340	48
09/08/24 08:55	31	20	52	1	13.5	70	0.9	335	44
09/08/24 09:00	31	20	51	1	13.6	69	1.1	310	37
09/08/24 09:05	30	19	49	1	13.5	70	1.9	325	23
09/08/24 09:10	24	15	39	1	13.5	69	1.7	333	26
09/08/24 09:15	16	15	31	1	13.6	69	1.8	336	25
09/08/24 09:20	16	16	31	1	13.6	69	1.4	304	21
09/08/24 09:25	17	15	32	1	13.5	69	2.1	301	15
09/08/24 09:30	17	16	33	1	13.6	69	1.4	304	30
09/08/24 09:35	18	16	34	1	13.6	69	1.8	292	14
09/08/24 09:40	18	16	34	1	13.6	68	2.7	310	11
09/08/24 09:45	18	16	34	1	13.7	69	2.0	308	14
09/08/24 09:50	16	16	33	1	13.7	68	2.2	307	15
09/08/24 09:55	14	14	28	1	13.8	67	1.6	287	17
09/08/24 10:00	9	9	18	1	13.9	67	2.3	303	18
09/08/24 10:05	6	8	14	0	14.0	66	2.4	313	15
09/08/24 10:10	5	8	13	0	14.1	65	2.3	315	20
09/08/24 10:15	5	8	13	1	14.1	66	1.9	300	20
09/08/24 10:20	6	9	15	1	14.1	66	2.3	291	22
09/08/24 10:25	6	9	15	1	14.2	65	2.0	286	21
09/08/24 10:30	7	9	16	1	14.3	65	2.2	274	19
09/08/24 10:35	7	10	17	1	14.3	63	2.7	278	17
09/08/24 10:40	7	8	14	1	14.2	64	3.7	267	10
09/08/24 10:45	6	9	14	1	14.2	63	3.5	261	9
09/08/24 10:50	6	11	17	1	14.2	64	3.2	255	8
09/08/24 10:55	6	11	17	1	14.2	64	2.8	268	12
09/08/24 11:00	6	9	15	1	14.4	63	1.8	283	22

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/08/24 11:05	5	8	13	1	14.5	61	2.6	260	12
09/08/24 11:10	5	8	13	1	14.5	61	2.1	276	12
09/08/24 11:15	5	8	13	1	14.6	60	3.3	262	8
09/08/24 11:20	4	8	12	1	14.6	61	1.9	283	15
09/08/24 11:25	4	8	12	1	14.7	60	2.6	262	15
09/08/24 11:30	4	8	12	1	14.7	59	1.8	289	26
09/08/24 11:35	4	7	11	1	14.9	58	2.2	278	19
09/08/24 11:40	3	7	11	1	14.9	59	1.8	282	19
09/08/24 11:45	3	7	11	1	15.0	58	1.3	277	29
09/08/24 11:50	3	7	10	1	15.2	56	1.6	286	18
09/08/24 11:55	3	7	10	0	15.4	56	2.4	268	14
09/08/24 12:00	3	7	10	1	15.2	57	2.7	273	14
09/08/24 12:05	3	7	11	0	15.2	57	3.0	272	9
09/08/24 12:10	3	7	10	0	15.2	57	3.1	261	13
09/08/24 12:15	3	7	9	1	15.3	56	1.4	288	23
09/08/24 12:20	3	6	9	1	15.4	55	1.4	253	21
09/08/24 12:25	3	7	10	1	15.8	54	1.5	274	37
09/08/24 12:30	3	7	10	0	15.7	56	1.6	250	11
09/08/24 12:35	3	7	10	1	15.5	56	1.5	224	13
09/08/24 12:40	3	7	10	1	15.6	55	1.8	254	22
09/08/24 12:45	3	7	10	1	15.8	54	2.7	268	20
09/08/24 12:50	3	7	10	1	15.8	53	3.1	253	12
09/08/24 12:55	3	7	10	1	15.8	54	3.1	258	16
09/08/24 13:00	3	7	10	0	15.9	53	1.1	259	30
09/08/24 13:05	3	7	10	0	16.4	56	1.4	145	25
09/08/24 13:10	3	7	10	0	16.6	53	0.5	101	58
09/08/24 13:15	3	7	10	0	17.0	54	1.0	140	26
09/08/24 13:20	3	7	10	1	17.4	52	1.0	163	35
09/08/24 13:25	3	7	10	0	17.3	54	1.8	162	23
09/08/24 13:30	3	7	11	1	16.7	55	2.1	147	15
09/08/24 13:35	3	7	11	1	16.5	57	1.8	169	17
09/08/24 13:40	3	7	10	1	16.6	58	1.2	162	28
09/08/24 13:45	3	7	10	1	16.7	59	1.5	132	23
09/08/24 13:50	3	7	9	1	16.8	57	1.9	131	17
09/08/24 13:55	3	6	9	1	16.6	58	1.3	158	30
09/08/24 14:00	3	6	9	1	16.5	60	0.8	169	41
09/08/24 14:05	2	6	9	1	16.7	58	1.4	151	33
09/08/24 14:10	3	6	9	1	16.5	57	1.6	154	33
09/08/24 14:15	3	6	9	0	16.3	61	1.4	167	35
09/08/24 14:20	3	6	9	0	16.1	62	2.4	166	20
09/08/24 14:25	2	6	9	0	16.0	64	2.2	168	18
09/08/24 14:30	3	6	9	0	16.1	64	2.1	178	18
09/08/24 14:35	3	6	9	0	15.9	64	2.7	166	18
09/08/24 14:40	3	6	9	0	15.7	66	1.8	159	24
09/08/24 14:45	3	7	9	0	15.9	66	1.0	181	37
09/08/24 14:50	3	7	9	0	15.9	65	1.8	166	22
09/08/24 14:55	3	7	9	0	15.7	66	2.0	171	25
09/08/24 15:00	2	6	9	0	15.6	66	1.8	177	23
09/08/24 15:05	2	6	8	0	15.8	65	1.4	187	20
09/08/24 15:10	2	5	8	0	16.1	63	2.0	186	14
09/08/24 15:15	2	5	8	0	16.2	59	2.4	184	13
09/08/24 15:20	2	5	7	0	16.2	59	2.3	182	15
09/08/24 15:25	2	5	7	0	16.2	59	2.1	176	18
09/08/24 15:30	2	5	7	1	16.3	59	1.4	181	18
09/08/24 15:35	2	5	7	0	16.6	56	1.5	184	16
09/08/24 15:40	2	5	7	0	16.6	53	2.0	181	13
09/08/24 15:45	2	6	7	0	16.4	53	2.3	177	10
09/08/24 15:50	2	5	7	0	16.4	54	1.7	159	27
09/08/24 15:55	1	5	6	0	15.8	65	1.6	115	15
09/08/24 16:00	1	5	6	0	15.8	62	1.7	164	22
09/08/24 16:05	1	5	6	1	15.7	65	1.8	119	15
09/08/24 16:10	1	6	7	1	15.0	70	1.8	109	7
09/08/24 16:15	1	6	7	1	14.7	73	1.8	104	9
09/08/24 16:20	1	6	7	1	14.6	73	1.4	120	12
09/08/24 16:25	1	5	6	0	14.7	75	1.2	123	11
09/08/24 16:30	1	4	5	0	14.6	75	1.1	124	13
09/08/24 16:35	1	4	5	0	14.6	75	0.8	169	34
09/08/24 16:40	1	3	4	0	14.7	74	0.6	160	40
09/08/24 16:45	1	3	4	0	14.6	75	0.7	129	21
09/08/24 16:50	0	3	3	0	14.1	78	0.8	114	15
09/08/24 16:55	0	3	3	0	13.9	80	0.5	99	21
09/08/24 17:00	0	3	3	0	13.6	80	0.7	103	23
09/08/24 17:05	0	3	3	0	13.5	80	1.3	127	15
09/08/24 17:10	0	3	3	1	13.3	80	1.6	146	20
09/08/24 17:15	0	3	3	0	13.2	78	1.6	142	19
09/08/24 17:20	0	2	3	0	13.3	79	0.8	133	28
09/08/24 17:25	0	3	3	0	13.3	77	1.1	128	17
09/08/24 17:30	0	3	3	0	13.3	76	0.9	116	16
09/08/24 17:35	0	3	3	0	13.3	75	1.0	104	12
09/08/24 17:40	0	3	2	0	13.3	74	0.8	95	17
09/08/24 17:45	0	3	2	0	13.2	72	1.2	100	9
09/08/24 17:50	0	3	3	0	13.2	72	1.2	110	11
09/08/24 17:55	0	3	3	0	13.4	71	1.4	103	7
09/08/24 18:00	0	4	4	1	13.5	70	1.4	109	7

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/08/24 18:05	0	4	4	0	13.5	70	1.3	95	14
09/08/24 18:10	0	4	5	0	13.5	65	1.6	52	15
09/08/24 18:15	1	10	10	1	13.9	60	1.3	108	23
09/08/24 18:20	0	9	10	1	14.2	59	2.3	104	6
09/08/24 18:25	0	10	10	0	14.5	56	2.1	105	5
09/08/24 18:30	0	13	13	0	14.5	57	2.2	106	3
09/08/24 18:35	0	18	18	0	14.5	59	1.7	106	5
09/08/24 18:40	0	24	24	0	14.5	61	1.4	101	6
09/08/24 18:45	0	24	24	0	14.3	60	1.7	105	3
09/08/24 18:50	0	23	24	0	14.3	60	1.3	103	12
09/08/24 18:55	1	25	26	0	14.1	58	1.1	109	14
09/08/24 19:00	1	28	30	0	14.2	62	1.2	100	6
09/08/24 19:05	2	29	31	0	14.2	58	0.5	82	34
09/08/24 19:10	2	30	32	0	14.3	56	0.4	22	17
09/08/24 19:15	2	29	31	0	14.1	60	0.1	79	54
09/08/24 19:20	3	30	32	0	13.9	65	0.1	58	76
09/08/24 19:25	3	30	33	0	13.7	64	0.7	43	17
09/08/24 19:30	4	31	34	0	13.5	62	0.5	41	18
09/08/24 19:35	5	31	37	1	13.5	62	0.8	49	11
09/08/24 19:40	8	33	41	1	13.6	61	1.0	58	13
09/08/24 19:45	16	35	51	1	13.7	61	1.1	47	5
09/08/24 19:50	20	35	55	1	13.8	61	1.1	40	5
09/08/24 19:55	22	35	58	1	14.0	60	1.5	47	4
09/08/24 20:00	24	36	60	0	14.1	60	1.1	40	7
09/08/24 20:05	30	34	65	1	14.0	61	0.9	40	7
09/08/24 20:10	35	35	71	1	14.1	61	0.8	31	9
09/08/24 20:15	36	36	73	1	14.1	60	0.8	19	11
09/08/24 20:20	38	37	74	1	14.1	59	0.8	5	17
09/08/24 20:25	38	37	75	1	14.4	59	0.7	344	25
09/08/24 20:30	39	37	76	1	14.4	58	0.6	353	21
09/08/24 20:35	43	34	77	1	14.4	59	0.6	327	30
09/08/24 20:40	49	35	83	1	14.1	61	0.4	28	36
09/08/24 20:45	48	38	85	1	13.9	61	0.4	317	45
09/08/24 20:50	48	37	85	1	14.0	61	0.5	302	18
09/08/24 20:55	53	37	90	1	14.0	61	0.8	317	20
09/08/24 21:00	52	37	89	1	14.1	61	0.9	313	15
09/08/24 21:05	50	36	86	1	14.1	62	0.8	310	21
09/08/24 21:10	50	36	86	1	14.2	62	0.8	316	20
09/08/24 21:15	53	35	88	1	14.0	62	1.0	321	23
09/08/24 21:20	58	34	91	1	14.0	62	1.1	323	20
09/08/24 21:25	65	33	98	1	14.0	63	0.7	338	33
09/08/24 21:30	78	34	112	1	13.9	63	0.6	318	34
09/08/24 21:35	78	35	113	1	13.7	63	0.8	327	22
09/08/24 21:40	75	37	111	2	13.7	64	0.6	358	23
09/08/24 21:45	81	35	115	2	13.6	64	1.1	9	14
09/08/24 21:50	77	36	112	1	13.5	65	1.0	6	21
09/08/24 21:55	69	32	101	1	13.4	65	1.3	346	21
09/08/24 22:00	44	26	70	2	13.4	64	1.4	348	24
09/08/24 22:05	37	29	66	2	13.5	64	1.2	323	30
09/08/24 22:10	21	32	53	1	13.5	64	1.1	315	23
09/08/24 22:15	20	28	49	1	13.4	64	1.5	323	28
09/08/24 22:20	18	28	46	1	13.4	65	1.2	315	22
09/08/24 22:25	17	28	45	1	13.4	65	1.1	319	19
09/08/24 22:30	16	28	44	1	13.3	65	1.2	325	20
09/08/24 22:35	15	28	43	1	13.2	65	1.2	345	23
09/08/24 22:40	16	28	44	1	13.1	65	1.5	342	20
09/08/24 22:45	17	28	45	1	13.1	65	0.9	353	26
09/08/24 22:50	26	24	50	1	13.0	66	0.8	2	31
09/08/24 22:55	41	30	71	1	12.8	66	0.8	13	25
09/08/24 23:00	45	30	75	1	12.6	67	1.4	32	11
09/08/24 23:05	44	29	73	1	12.6	68	1.2	15	18
09/08/24 23:10	41	30	70	1	12.5	68	1.1	21	14
09/08/24 23:15	30	33	63	1	12.4	68	1.1	11	18
09/08/24 23:20	32	28	60	2	12.3	69	1.2	6	19
09/08/24 23:25	29	29	57	2	12.3	69	1.3	4	17
09/08/24 23:30	25	27	52	1	12.2	69	1.3	352	18
09/08/24 23:35	25	27	51	1	12.3	69	0.8	330	21
09/08/24 23:40	26	26	52	1	12.2	69	0.9	313	18
09/08/24 23:45	35	25	60	1	12.2	69	1.1	326	24
09/08/24 23:50	37	27	65		12.4	68	1.0	328	23
09/08/24 23:55	41	25	66		12.3	69	0.8	351	27
10/08/24 00:00	45	26	72	1	12.1	69	0.8	14	19
10/08/24 00:05	45	28	73	2	11.9	70	1.1	16	16
10/08/24 00:10	44	28	72	1	11.8	71	1.5	4	14
10/08/24 00:15	43	28	72	1	12.0	70	1.3	349	17
10/08/24 00:20	41	28	69	1	12.1	70	1.0	344	21
10/08/24 00:25	36	31	67	1	12.1	70	1.0	3	22
10/08/24 00:30	39	30	69	1	11.9	71	0.9	23	12
10/08/24 00:35	41	29	70	1	11.7	72	0.8	39	12
10/08/24 00:40	32	33	66	1	11.5	73	1.0	37	8
10/08/24 00:45	32	26	59	1	11.5	74	0.8	23	8
10/08/24 00:50	34	23	57	1	11.3	74	1.0	352	16
10/08/24 00:55	28	27	55	2	11.4	74	0.8	349	31
10/08/24 01:00	21	29	50	2	11.4	73	1.0	3	23

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/08/24 01:05					11.5	73	1.1	5	17
10/08/24 01:10					11.5	72	1.1	9	21
10/08/24 01:15					11.5	72	1.2	6	20
10/08/24 01:20					11.5	72	1.0	356	21
10/08/24 01:25					11.5	71	1.1	352	22
10/08/24 01:30					11.5	71	1.5	359	19
10/08/24 01:35					11.5	71	1.3	2	20
10/08/24 01:40					11.5	71	1.1	345	27
10/08/24 01:45					11.5	71	1.4	0	18
10/08/24 01:50					11.5	71	1.5	356	14
10/08/24 01:55					11.5	71	1.7	2	15
10/08/24 02:00					11.5	71	1.5	359	24
10/08/24 02:05	5	23	28	1	11.5	72	1.5	7	21
10/08/24 02:10	5	23	28	1	11.4	72	1.4	4	19
10/08/24 02:15	5	22	27	1	11.4	72	0.9	26	17
10/08/24 02:20	5	22	27	1	11.3	72	0.9	31	16
10/08/24 02:25	5	23	27	1	11.3	72	0.4	26	30
10/08/24 02:30	5	23	27	1	11.2	72	0.6	12	21
10/08/24 02:35	4	22	27	0	11.1	73	0.8	14	18
10/08/24 02:40	4	22	27	1	11.0	74	1.0	31	10
10/08/24 02:45	5	22	27	1	10.9	75	1.3	52	5
10/08/24 02:50	5	22	26	1	10.8	76	0.9	51	6
10/08/24 02:55	5	21	26	1	10.6	76	0.7	29	8
10/08/24 03:00	5	21	26	1	10.5	77	0.6	357	22
10/08/24 03:05	5	21	26	1	10.3	77	0.5	351	20
10/08/24 03:10	5	21	25	1	10.3	78	0.7	358	21
10/08/24 03:15	5	21	25	1	10.3	78	0.2	303	45
10/08/24 03:20	5	21	25	1	10.2	78	0.5	339	35
10/08/24 03:25	5	21	25	1	10.3	77	1.1	320	17
10/08/24 03:30	5	21	26	1	10.4	77	1.2	321	20
10/08/24 03:35	8	21	29	1	10.4	76	1.1	322	18
10/08/24 03:40	20	20	40	1	10.5	76	1.2	335	22
10/08/24 03:45	22	22	44	1	10.4	76	0.7	321	28
10/08/24 03:50	22	23	45	1	10.3	76	0.8	351	27
10/08/24 03:55	22	24	45	1	10.2	77	1.2	4	14
10/08/24 04:00	22	23	45	0	9.9	77	0.8	14	19
10/08/24 04:05	22	23	45	0	9.8	78	0.7	29	19
10/08/24 04:10	23	23	46	0	9.6	79	0.6	42	8
10/08/24 04:15	19	24	42	0	9.5	80	0.3	31	48
10/08/24 04:20	12	23	36	1	9.7	82	0.9	246	44
10/08/24 04:25	23	23	46	1	9.9	81	0.8	292	37
10/08/24 04:30	31	22	54	1	9.9	81	0.7	307	26
10/08/24 04:35	32	22	54	1	9.9	80	0.7	338	24
10/08/24 04:40	31	22	53	1	9.7	79	1.0	2	21
10/08/24 04:45	30	23	52	1	9.3	80	0.9	38	17
10/08/24 04:50	30	22	52	1	9.2	81	0.8	58	12
10/08/24 04:55	27	22	49	1	9.2	82	0.7	64	6
10/08/24 05:00	20	19	39	1	9.1	83	0.7	62	5
10/08/24 05:05	15	20	35	1	9.1	83	0.5	52	7
10/08/24 05:10	12	18	30	1	9.1	83	0.7	37	10
10/08/24 05:15	11	16	26	1	9.2	84	0.6	19	17
10/08/24 05:20	9	16	25	1	9.3	84	0.5	23	25
10/08/24 05:25	8	17	25	1	9.3	84	0.5	9	25
10/08/24 05:30	8	17	25	1	9.3	83	0.7	46	11
10/08/24 05:35	7	17	24	1	9.3	84	0.8	35	9
10/08/24 05:40	7	17	24	0	9.1	84	0.9	16	8
10/08/24 05:45	8	16	25	1	9.0	84	0.6	34	12
10/08/24 05:50	8	17	25	1	8.9	85	0.8	19	14
10/08/24 05:55	18	19	37	1	8.9	84	0.8	24	11
10/08/24 06:00	36	20	55	1	9.0	84	1.0	13	9
10/08/24 06:05	53	21	74	1	9.1	83	0.8	12	12
10/08/24 06:10	51	23	74	1	9.2	83	1.4	335	18
10/08/24 06:15	42	21	62	1	9.4	82	1.5	354	19
10/08/24 06:20	34	21	56	1	9.5	82	1.7	1	13
10/08/24 06:25	35	21	56	1	9.4	82	1.5	5	13
10/08/24 06:30	35	22	57	1	9.4	82	1.2	14	16
10/08/24 06:35	35	22	57	1	9.3	82	1.0	29	17
10/08/24 06:40	33	21	54	1	9.4	82	1.3	35	10
10/08/24 06:45	26	18	45	1	9.3	83	1.2	27	8
10/08/24 06:50	22	19	42	1	9.3	83	1.8	36	8
10/08/24 06:55	21	19	40	1	9.4	83	1.8	38	11
10/08/24 07:00	20	19	39	1	9.3	83	0.8	353	28
10/08/24 07:05	19	20	39	1	9.6	82	1.1	315	25
10/08/24 07:10	18	20	37	1	9.8	80	1.2	2	19
10/08/24 07:15	17	20	37	1	9.9	80	1.3	328	18
10/08/24 07:20	15	20	35	0	9.9	79	1.3	327	18
10/08/24 07:25	14	20	35	0	10.0	79	1.3	346	25
10/08/24 07:30	17	20	37	1	9.9	79	1.4	338	19
10/08/24 07:35	30	18	48	1	9.8	80	1.0	350	23
10/08/24 07:40	33	22	55	1	9.8	80	0.8	346	29
10/08/24 07:45	34	23	57	1	9.8	80	0.5	357	42
10/08/24 07:50	37	24	61	1	9.8	80	0.3	25	58
10/08/24 07:55	42	23	65	1	9.7	80	0.6	12	28
10/08/24 08:00	43	22	65	1	9.8	81	0.3	298	44

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/08/24 08:05	42	22	64	1	9.8	81	0.9	6	20
10/08/24 08:10	45	21	66	1	9.8	80	0.8	17	21
10/08/24 08:15	51	21	72	1	9.8	81	0.9	42	11
10/08/24 08:20	49	23	72	1	9.8	81	1.1	53	8
10/08/24 08:25	36	18	54	1	9.9	81	0.9	65	9
10/08/24 08:30	31	19	50	1	9.9	81	1.0	47	11
10/08/24 08:35	30	19	49	1	10.2	81	1.1	42	12
10/08/24 08:40	29	18	47	1	10.3	80	1.3	38	10
10/08/24 08:45	29	18	47	1	10.3	80	1.0	36	14
10/08/24 08:50	30	18	48	1	10.4	80	0.4	50	28
10/08/24 08:55	31	18	48	1	10.5	79	0.5	30	18
10/08/24 09:00	32	18	50	1	10.5	79	0.7	35	9
10/08/24 09:05	34	18	52	1	10.6	79	0.7	52	9
10/08/24 09:10	36	18	54	1	10.7	79	1.0	53	8
10/08/24 09:15	38	17	55	1	10.8	79	1.1	49	10
10/08/24 09:20	39	17	55	1	10.8	78	1.2	49	13
10/08/24 09:25	37	17	55	1	10.8	78	0.9	43	10
10/08/24 09:30	36	17	54	1	11.3	77	0.7	40	15
10/08/24 09:35	36	18	54	1	11.9	73	0.7	36	19
10/08/24 09:40	37	18	54	1	12.4	70	0.7	37	19
10/08/24 09:45	36	18	54	1	12.9	68	0.9	14	23
10/08/24 09:50	35	19	54	1	13.3	64	0.9	342	45
10/08/24 09:55	32	19	51	1	13.2	64	0.7	304	27
10/08/24 10:00	28	21	49	1	13.3	63	0.8	27	27
10/08/24 10:05	28	21	49	1	13.7	63	0.6	278	50
10/08/24 10:10	34	19	53	1	13.5	66	1.5	228	30
10/08/24 10:15	34	18	52	1	12.5	73	2.3	219	12
10/08/24 10:20	37	18	55	1	12.5	73	1.8	210	14
10/08/24 10:25	36	18	54	1	12.4	74	2.7	199	2
10/08/24 10:30	41	24	65	1	12.5	73	1.7	206	4
10/08/24 10:35	64	23	87	1	12.9	70	1.3	198	6
10/08/24 10:40	75	26	101	1	13.7	67	0.3	206	28
10/08/24 10:45	58	24	82	2	14.4	65	0.7	134	16
10/08/24 10:50	59	25	84	2	14.4	65	0.7	122	12
10/08/24 10:55	60	25	85	2	14.5	64	0.8	143	18
10/08/24 11:00	61	26	87	2	14.8	62	0.7	119	21
10/08/24 11:05	66	25	91	2	14.9	63	0.8	98	7
10/08/24 11:10	69	31	101	3	15.4	59	0.4	130	26
10/08/24 11:15	54	30	84	3	16.2	55	0.4	208	24
10/08/24 11:20	48	31	79	3	16.9	53	0.4	159	28
10/08/24 11:25	59	31	90	4	17.1	53	0.5	156	22
10/08/24 11:30	56	31	87	4	17.0	54	0.6	140	27
10/08/24 11:35	52	28	81	3	17.0	55	0.8	143	16
10/08/24 11:40	44	27	70	3	17.1	56	0.7	148	24
10/08/24 11:45	49	30	78	3	17.2	54	0.7	144	20
10/08/24 11:50	35	25	60	3	17.2	57	0.7	148	22
10/08/24 11:55	26	21	46	3	17.2	54	0.8	149	22
10/08/24 12:00	30	24	54	3	17.2	56	0.8	144	21
10/08/24 12:05	34	23	57	3	17.2	56	0.8	136	27
10/08/24 12:10	26	23	48	3	17.3	54	1.0	143	20
10/08/24 12:15	27	23	50	3	17.2	54	1.0	146	26
10/08/24 12:20	36	25	61	3	16.9	58	1.1	139	18
10/08/24 12:25	45	28	73	3	16.9	61	0.7	136	28
10/08/24 12:30	49	28	77	3	16.3	64	1.0	131	15
10/08/24 12:35	47	28	75	2	15.9	64	1.0	134	19
10/08/24 12:40	35	26	60	2	16.0	64	1.0	138	20
10/08/24 12:45	33	24	57	2	16.0	65	1.1	140	14
10/08/24 12:50	31	24	55	2	15.8	66	1.1	133	18
10/08/24 12:55	22	19	41	2	15.9	64	1.2	136	17
10/08/24 13:00	12	17	30	2	16.3	63	1.2	138	18
10/08/24 13:05	9	11	19	1	16.6	62	1.0	134	21
10/08/24 13:10	6	9	15	1	16.8	60	1.2	135	19
10/08/24 13:15	4	5	9	1	16.6	61	1.5	133	16
10/08/24 13:20	3	5	7	1	16.5	61	1.0	129	26
10/08/24 13:25	3	5	8	1	16.4	62	1.5	150	29
10/08/24 13:30	3	5	8	1	16.3	64	0.9	156	36
10/08/24 13:35	2	5	7	1	16.4	64	0.9	162	37
10/08/24 13:40	2	5	6	1	16.4	64	1.3	157	26
10/08/24 13:45	1	4	6	1	16.3	64	2.0	163	17
10/08/24 13:50	2	5	7	1	16.1	65	1.5	162	23
10/08/24 13:55	3	9	12	1	16.1	66	1.8	162	18
10/08/24 14:00	3	11	14	1	16.1	66	2.1	169	15
10/08/24 14:05	4	11	16	1	16.1	67	2.1	163	17
10/08/24 14:10	5	12	16	1	16.1	68	1.2	164	28
10/08/24 14:15	5	12	17	1	16.4	67	1.0	167	37
10/08/24 14:20	5	11	17	1	16.6	66	1.2	161	29
10/08/24 14:25	5	11	16	1	16.6	65	1.8	180	19
10/08/24 14:30	5	10	15	1	16.6	64	1.5	169	22
10/08/24 14:35	4	10	14	1	16.4	66	1.8	166	22
10/08/24 14:40	4	8	12	1	16.1	66	1.9	158	20
10/08/24 14:45	3	5	9	1	16.1	68	1.1	155	35
10/08/24 14:50	3	4	7	1	16.4	67	1.0	167	33
10/08/24 14:55	3	5	7	1	16.6	66	0.8	169	41
10/08/24 15:00	2	5	7	1	16.6	66	0.8	173	49

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/08/24 15:05	2	6	8	1	16.6	66	0.8	166	38
10/08/24 15:10	2	6	8	1	16.3	67	1.5	140	22
10/08/24 15:15	2	6	8	1	15.9	70	2.0	112	10
10/08/24 15:20	2	6	8	1	15.4	72	2.4	105	6
10/08/24 15:25	2	6	8	1	15.4	72	2.2	109	6
10/08/24 15:30	2	6	8	1	15.3	73	1.7	115	7
10/08/24 15:35	2	6	8	1	15.3	73	1.4	122	11
10/08/24 15:40	2	6	8	1	15.4	72	0.8	129	16
10/08/24 15:45	2	6	7	1	15.5	72	0.7	136	28
10/08/24 15:50	1	6	7	1	15.9	70	0.5	162	49
10/08/24 15:55	1	5	6	1	16.3	68	0.5	169	51
10/08/24 16:00	1	5	6	1	16.4	67	1.3	140	23
10/08/24 16:05	1	6	7	2	16.4	67	0.9	133	22
10/08/24 16:10	1	6	7	1	16.5	68	0.7	128	20
10/08/24 16:15	1	5	6	1	16.2	68	0.5	146	31
10/08/24 16:20	1	5	6	1	16.2	66	0.5	170	39
10/08/24 16:25	1	5	5	1	16.5	63	0.9	162	35
10/08/24 16:30	1	4	5	1	16.8	62	0.8	192	25
10/08/24 16:35	1	4	4	1	17.0	60	1.6	182	16
10/08/24 16:40	1	3	4	1	16.8	59	1.6	184	18
10/08/24 16:45	0	3	3	1	16.4	60	1.8	168	16
10/08/24 16:50	0	3	3	1	16.1	65	0.5	143	37
10/08/24 16:55	0	3	3	1	15.7	69	0.6	138	26
10/08/24 17:00	0	3	3	1	15.2	73	1.0	113	11
10/08/24 17:05	0	3	3	1	14.9	73	1.4	107	6
10/08/24 17:10	0	3	3	1	14.7	73	1.2	108	8
10/08/24 17:15	0	3	3	1	14.6	73	0.8	106	15
10/08/24 17:20	0	3	3	1	14.5	74	0.8	111	11
10/08/24 17:25	0	3	3	1	14.2	75	0.7	115	14
10/08/24 17:30	0	3	3	1	14.1	75	0.7	111	17
10/08/24 17:35	0	3	3	1	14.1	75	0.6	99	12
10/08/24 17:40	0	3	3	1	14.0	76	0.4	132	16
10/08/24 17:45	0	4	4	1	13.9	77	0.8	116	7
10/08/24 17:50	0	4	4	0	13.9	79	1.0	100	6
10/08/24 17:55	0	4	4	0	13.9	79	0.8	105	9
10/08/24 18:00	0	4	4	1	13.9	78	0.8	106	10
10/08/24 18:05	0	4	4	1	14.0	76	0.9	96	8
10/08/24 18:10	0	4	5	1	14.1	75	1.1	98	7
10/08/24 18:15	0	5	5	1	14.3	74	0.8	111	20
10/08/24 18:20	0	5	5	1	14.4	75	0.7	121	21
10/08/24 18:25	0	5	5	0	14.4	73	0.7	128	14
10/08/24 18:30	0	4	5	0	14.3	72	0.8	121	12
10/08/24 18:35	0	5	5	0	14.4	72	0.8	144	15
10/08/24 18:40	0	5	5	0	14.4	72	0.7	125	17
10/08/24 18:45	0	5	5	1	14.3	74	0.4	134	20
10/08/24 18:50	0	5	5	0	14.3	75	0.7	119	16
10/08/24 18:55	0	5	5	0	14.2	76	0.9	102	6
10/08/24 19:00	0	6	6	0	14.1	76	0.6	104	7
10/08/24 19:05	0	7	7	0	14.1	76	0.4	99	20
10/08/24 19:10	0	8	8	0	14.0	76	0.5	6	14
10/08/24 19:15	0	9	9	0	14.0	75	0.4	26	15
10/08/24 19:20	0	11	12	0	14.1	78	0.7	46	12
10/08/24 19:25	1	26	27	0	13.9	76	0.8	64	13
10/08/24 19:30	1	24	25	1	14.0	75	0.5	88	16
10/08/24 19:35	1	24	25	1	14.2	73	0.5	69	22
10/08/24 19:40	1	24	25	1	14.3	75	0.3	24	37
10/08/24 19:45	1	14	15	1	14.0	80	0.4	292	13
10/08/24 19:50	1	8	9	1	13.6	80	0.3	301	19
10/08/24 19:55	1	9	10	0	13.5	81	0.1	333	38
10/08/24 20:00	0	9	10	0	13.4	81	0.2	1	20
10/08/24 20:05	0	10	10	0	13.4	82	0.3	236	32
10/08/24 20:10	0	10	10	1	13.4	82	0.4	223	3
10/08/24 20:15	0	10	10	1	13.3	82	0.6	222	4
10/08/24 20:20	0	10	10	0	13.3	83	0.6	222	4
10/08/24 20:25	0	10	10	1	13.2	81	0.4	225	3
10/08/24 20:30	0	11	11	1	13.2	80	0.1	178	47
10/08/24 20:35	0	12	12	1	13.3	80	0.2	72	20
10/08/24 20:40	2	25	27	0	13.4	80	0.2	82	17
10/08/24 20:45	6	18	24	1	13.4	79	0.1	5	42
10/08/24 20:50	0	15	15	1	13.5	78	0.1	287	23
10/08/24 20:55	0	16	16	1	13.5	78	0.6	228	4
10/08/24 21:00	0	18	18	1	13.4	78	0.4	221	4
10/08/24 21:05	0	19	20	1	13.3	80	0.5	182	40
10/08/24 21:10	0	20	21	1	13.3	81	0.4	133	17
10/08/24 21:15	0	21	21	1	13.3	81	0.3	193	44
10/08/24 21:20	1	22	23	1	13.3	83	0.4	262	13
10/08/24 21:25	1	24	25	1	13.0	85	0.5	255	18
10/08/24 21:30	1	23	24	1	12.9	86	0.4	232	8
10/08/24 21:35	1	21	22	1	12.7	87	0.5	256	44
10/08/24 21:40	1	21	22	1	12.8	84	0.7	274	16
10/08/24 21:45	1	22	23	1	12.9	83	0.6	245	12
10/08/24 21:50	1	23	24	1	13.0	82	0.4	241	6
10/08/24 21:55	1	23	23	1	13.0	83	0.3	250	10
10/08/24 22:00	1	22	23	1	12.9	83	0.5	226	19

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/08/24 22:05	1	22	23	1	12.7	83	0.4	182	57
10/08/24 22:10	2	22	24	1	12.6	83	0.2	359	57
10/08/24 22:15	14	27	41	1	12.6	83	0.3	278	10
10/08/24 22:20	7	30	37	1	12.6	82	0.4	233	20
10/08/24 22:25	8	30	38	1	12.5	82	0.3	208	16
10/08/24 22:30	10	27	37	1	12.4	83	0.3	211	35
10/08/24 22:35	10	26	35	1	12.4	84	0.5	100	7
10/08/24 22:40	8	24	31	1	12.3	84	0.7	108	4
10/08/24 22:45	5	24	29	1	12.2	85	0.8	108	4
10/08/24 22:50	4	25	28	1	12.2	87	0.7	97	9
10/08/24 22:55	12	24	36	1	12.0	87	0.3	24	44
10/08/24 23:00	22	30	52	1	12.0	85	0.7	325	16
10/08/24 23:05	34	32	66	1	12.1	82	0.6	356	21
10/08/24 23:10	38	32	71	1	12.2	82	0.3	262	36
10/08/24 23:15	36	28	65	1	12.2	81	0.8	298	18
10/08/24 23:20	35	30	65	1	12.4	80	0.5	298	34
10/08/24 23:25	34	31	65	1	12.3	80	0.2	65	64
10/08/24 23:30	35	31	66	1	12.0	80	0.3	51	46
10/08/24 23:35	34	31	65	1	11.8	81	0.8	334	28
10/08/24 23:40	29	34	63	1	12.1	80	0.8	303	22
10/08/24 23:45	36	30	66	1	12.3	79	1.3	320	14
10/08/24 23:50	45	36	81		12.4	78	1.2	317	16
10/08/24 23:55	60	37	96		12.5	78	1.1	312	16
11/08/24 00:00	52	41	93	1	12.4	78	0.9	314	29
11/08/24 00:05	52	37	89	2	12.4	78	1.4	319	18
11/08/24 00:10	79	34	114	1	12.3	78	1.2	327	21
11/08/24 00:15	90	34	125	1	12.1	78	1.1	334	34
11/08/24 00:20	61	33	93	1	12.1	78	1.3	314	22
11/08/24 00:25	75	32	107	1	12.1	78	1.4	321	19
11/08/24 00:30	101	27	129	1	12.1	79	1.6	319	15
11/08/24 00:35	104	31	135	1	12.0	79	1.1	317	19
11/08/24 00:40	89	34	123	1	11.9	79	0.9	317	23
11/08/24 00:45	82	35	118	2	11.8	80	0.9	319	23
11/08/24 00:50	56	32	88	2	11.7	80	0.9	329	25
11/08/24 00:55	52	32	83	1	11.6	81	1.3	356	21
11/08/24 01:00	49	32	81	1	11.3	81	1.1	12	14
11/08/24 01:05					11.1	83	1.0	7	12
11/08/24 01:10					10.9	84	0.9	12	13
11/08/24 01:15					10.8	84	0.9	12	14
11/08/24 01:20					10.8	84	1.4	5	12
11/08/24 01:25					10.7	85	1.4	359	8
11/08/24 01:30					10.6	85	1.4	360	7
11/08/24 01:35					10.7	85	1.1	7	15
11/08/24 01:40					10.6	85	0.1	258	95
11/08/24 01:45					10.8	87	2.1	221	13
11/08/24 01:50					10.8	86	0.5	274	39
11/08/24 01:55					10.8	88	0.8	218	14
11/08/24 02:00					10.8	87	0.3	254	55
11/08/24 02:05	27	26	53	1	10.5	87	0.7	1	15
11/08/24 02:10	33	25	58	1	10.2	88	1.2	28	7
11/08/24 02:15	44	25	70	1	9.8	88	1.1	22	7
11/08/24 02:20	46	27	73	1	9.8	89	0.4	59	22
11/08/24 02:25	29	24	53	1	9.8	89	0.8	31	14
11/08/24 02:30	26	23	50	1	9.7	89	0.7	20	9
11/08/24 02:35	27	24	51	1	9.6	89	0.9	32	7
11/08/24 02:40	27	23	50	1	9.5	88	1.1	29	6
11/08/24 02:45	26	22	49	1	9.5	89	0.8	32	8
11/08/24 02:50	22	22	43	1	9.5	89	0.9	39	8
11/08/24 02:55	19	22	41	1	9.4	88	0.8	41	6
11/08/24 03:00	16	21	37	1	9.4	88	0.7	43	6
11/08/24 03:05	8	19	27	1	9.5	88	0.7	62	10
11/08/24 03:10	8	18	26	1	9.4	88	0.7	63	6
11/08/24 03:15	9	18	27	1	9.3	88	0.4	63	8
11/08/24 03:20	8	18	25	1	9.2	89	0.4	45	5
11/08/24 03:25	5	18	23	1	9.2	89	0.4	31	10
11/08/24 03:30	4	17	21	1	9.2	89	0.7	28	6
11/08/24 03:35	12	15	27	1	9.2	89	1.0	37	6
11/08/24 03:40	11	15	26	1	9.1	89	1.0	42	7
11/08/24 03:45	3	14	17	1	9.1	89	1.0	36	8
11/08/24 03:50	3	14	17	1	9.0	89	1.2	30	5
11/08/24 03:55	4	15	19	1	8.8	89	1.4	20	10
11/08/24 04:00	7	19	25	1	8.7	90	1.2	5	11
11/08/24 04:05	23	20	43	1	8.7	90	0.9	4	13
11/08/24 04:10	28	20	48	1	8.7	90	0.8	2	16
11/08/24 04:15	28	20	48	1	8.5	90	0.8	36	13
11/08/24 04:20	29	21	50	1	8.3	90	0.8	31	11
11/08/24 04:25	30	21	51	1	8.3	91	0.6	35	14
11/08/24 04:30	30	21	50	1	8.3	91	0.8	38	11
11/08/24 04:35	29	20	48	1	8.2	91	1.0	10	13
11/08/24 04:40	28	19	47	1	8.4	91	1.4	7	7
11/08/24 04:45	27	19	47	1	8.4	90	1.1	17	12
11/08/24 04:50	27	20	47	1	8.4	90	1.0	3	11
11/08/24 04:55	27	20	47	1	8.3	90	0.9	11	10
11/08/24 05:00	28	19	48	1	8.3	90	0.6	25	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/08/24 05:05	29	20	48	1	8.2	90	0.6	10	10
11/08/24 05:10	27	19	47	1	8.2	91	0.8	346	9
11/08/24 05:15	26	18	44	1	8.4	91	0.8	354	19
11/08/24 05:20	23	16	39	1	8.3	90	0.9	17	14
11/08/24 05:25	17	17	34	1	8.3	90	0.7	28	17
11/08/24 05:30	16	17	34	1	8.3	90	1.2	2	14
11/08/24 05:35	15	17	32	1	8.2	90	1.3	346	11
11/08/24 05:40	15	18	32	1	8.3	89	1.1	8	14
11/08/24 05:45	15	18	32	1	8.2	89	1.1	23	13
11/08/24 05:50	15	18	32	1	8.1	89	1.3	12	20
11/08/24 05:55	14	18	32	1	8.1	90	1.1	352	12
11/08/24 06:00	14	18	32	1	8.1	90	0.9	358	12
11/08/24 06:05	14	18	32	1	8.0	89	0.4	352	31
11/08/24 06:10	15	17	32	1	8.0	89	0.8	16	15
11/08/24 06:15	15	17	33	1	8.0	89	0.6	352	16
11/08/24 06:20	16	17	33	1	7.8	90	0.5	338	23
11/08/24 06:25	16	17	34	1	7.9	90	0.7	335	19
11/08/24 06:30	18	18	36	1	7.9	89	0.4	344	31
11/08/24 06:35	22	17	39	1	7.8	89	0.9	11	20
11/08/24 06:40	29	15	44	1	7.7	89	1.0	13	7
11/08/24 06:45	35	20	55	1	7.5	90	1.1	7	7
11/08/24 06:50	39	20	59	1	7.5	90	1.0	11	6
11/08/24 06:55	40	20	60	1	7.4	90	0.7	9	16
11/08/24 07:00	40	20	59	1	7.5	90	0.5	360	20
11/08/24 07:05	39	20	59	1	7.4	90	0.4	322	36
11/08/24 07:10	38	19	58	1	7.4	91	0.6	301	19
11/08/24 07:15	36	19	56	1	7.6	91	0.6	344	17
11/08/24 07:20	34	19	53	1	7.5	90	0.7	356	6
11/08/24 07:25	32	18	50	1	7.5	90	0.6	336	17
11/08/24 07:30	30	18	48	1	7.6	90	0.6	347	18
11/08/24 07:35	31	18	49	1	7.7	89	0.9	351	18
11/08/24 07:40	42	21	63	1	7.8	89	1.0	6	14
11/08/24 07:45	54	20	74	1	7.6	88	1.2	2	12
11/08/24 07:50	51	21	72	1	7.8	88	1.2	1	14
11/08/24 07:55	52	20	72	1	8.0	87	0.7	354	31
11/08/24 08:00	52	20	72	1	8.5	86	0.6	354	35
11/08/24 08:05	50	20	70	1	8.8	84	0.7	328	35
11/08/24 08:10	44	18	63	1	8.8	83	0.7	4	38
11/08/24 08:15	39	18	58	1	9.1	82	1.1	18	17
11/08/24 08:20	37	20	56	1	9.3	81	1.5	25	14
11/08/24 08:25	38	18	55	1	9.5	81	1.0	14	23
11/08/24 08:30	29	18	47	1	9.8	79	1.1	15	26
11/08/24 08:35	21	15	37	1	10.1	78	0.9	12	27
11/08/24 08:40	21	16	36	1	10.2	77	1.1	1	20
11/08/24 08:45	20	16	36	1	10.2	77	1.2	3	24
11/08/24 08:50	20	16	36	1	10.4	77	1.0	3	28
11/08/24 08:55	19	16	35	1	10.8	75	1.3	22	16
11/08/24 09:00	18	15	34	1	11.3	74	0.5	28	46
11/08/24 09:05	18	15	33	1	11.6	73	0.1	186	88
11/08/24 09:10	17	15	32	1	11.5	72	1.3	240	6
11/08/24 09:15	17	15	31	1	11.3	73	0.9	239	10
11/08/24 09:20	17	15	31	1	11.3	73	0.8	236	11
11/08/24 09:25	18	15	33	1	11.5	72	0.7	223	7
11/08/24 09:30	19	16	35	1	11.6	72	1.0	230	7
11/08/24 09:35	21	17	38	1	11.5	73	1.3	228	7
11/08/24 09:40	21	17	38	1	11.5	73	1.2	226	6
11/08/24 09:45	21	17	38	1	11.6	72	0.6	217	13
11/08/24 09:50	21	17	38	1	11.9	70	0.4	218	40
11/08/24 09:55	21	17	37	1	12.0	70	1.1	204	6
11/08/24 10:00	21	17	37	1	12.1	70	0.8	219	8
11/08/24 10:05	21	17	37	1	12.2	70	0.8	213	10
11/08/24 10:10	21	17	37	1	12.1	70	1.0	219	6
11/08/24 10:15	20	17	37	1	12.4	70	0.8	211	13
11/08/24 10:20	20	17	37	1	12.4	69	0.9	217	11
11/08/24 10:25	20	17	37	1	12.8	69	0.5	195	15
11/08/24 10:30	20	17	36	1	13.2	68	0.7	213	13
11/08/24 10:35	20	17	37	1	12.8	70	1.8	214	7
11/08/24 10:40	20	17	37	1	12.8	71	1.4	200	19
11/08/24 10:45	21	18	39	2	13.7	69	0.4	162	46
11/08/24 10:50	23	18	41	2	14.4	65	0.5	149	24
11/08/24 10:55	24	19	43	1	15.0	62	0.6	137	20
11/08/24 11:00	27	22	49	2	15.4	62	0.6	154	25
11/08/24 11:05	29	22	51	2	15.3	62	0.5	134	36
11/08/24 11:10	29	21	50	2	15.4	62	0.6	139	19
11/08/24 11:15	27	19	46	1	15.6	60	0.6	141	19
11/08/24 11:20	23	18	41	2	16.0	60	0.4	146	35
11/08/24 11:25	15	14	29	2	16.1	58	0.4	150	42
11/08/24 11:30	13	15	28	2	16.4	57	0.5	156	35
11/08/24 11:35	10	13	23	2	16.7	55	0.8	163	24
11/08/24 11:40	8	11	19	2	16.5	56	0.7	156	36
11/08/24 11:45	6	11	17	2	16.3	56	0.9	160	22
11/08/24 11:50	7	11	18	1	16.5	58	1.2	167	20
11/08/24 11:55	7	12	18	1	15.8	63	1.3	208	10
11/08/24 12:00	7	12	19	1	15.0	65	1.3	193	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/08/24 12:05	7	10	17	1	15.2	65	1.3	193	8
11/08/24 12:10	7	11	18	1	15.3	68	0.9	194	15
11/08/24 12:15	7	11	18	1	14.9	72	1.0	189	15
11/08/24 12:20	14	21	35	1	14.8	73	1.0	199	8
11/08/24 12:25	18	16	34	1	14.7	72	1.1	188	20
11/08/24 12:30	8	8	15	1	15.7	61	1.0	161	28
11/08/24 12:35	4	8	12	1	16.4	57	1.2	169	20
11/08/24 12:40	4	9	13	1	16.4	62	1.4	202	10
11/08/24 12:45	5	9	14	1	16.0	63	1.4	186	21
11/08/24 12:50	4	9	13	1	16.5	57	1.8	170	15
11/08/24 12:55	3	7	9	1	17.0	54	0.7	170	41
11/08/24 13:00	3	7	9	1	17.4	54	0.6	160	36
11/08/24 13:05	3	9	12	1	17.9	51	1.4	161	16
11/08/24 13:10	3	7	10	1	17.9	48	2.1	167	10
11/08/24 13:15	3	7	9	1	17.5	54	1.8	167	21
11/08/24 13:20	3	8	11	1	17.1	58	2.0	175	13
11/08/24 13:25	4	9	13	1	17.2	58	1.7	165	21
11/08/24 13:30	9	23	32	1	16.7	65	1.4	169	33
11/08/24 13:35	9	8	16	1	16.4	68	1.4	163	33
11/08/24 13:40	6	9	15	1	16.2	68	2.2	172	17
11/08/24 13:45	10	15	25	1	15.6	71	2.5	165	18
11/08/24 13:50	8	11	19	1	15.3	74	2.0	169	23
11/08/24 13:55	8	11	19	1	15.1	75	1.7	151	31
11/08/24 14:00	7	11	18	1	15.1	75	1.6	178	24
11/08/24 14:05	7	10	18	1	15.1	74	2.4	168	19
11/08/24 14:10	7	9	16	1	15.1	73	1.7	166	31
11/08/24 14:15	6	9	15	1	15.0	74	0.9	171	50
11/08/24 14:20	6	9	14	1	15.0	74	1.6	169	30
11/08/24 14:25	5	8	13	1	15.0	74	1.8	164	33
11/08/24 14:30	4	7	12	1	14.9	74	1.7	156	31
11/08/24 14:35	4	7	11	1	14.9	75	1.8	162	32
11/08/24 14:40	4	7	11	1	14.9	75	1.7	166	34
11/08/24 14:45	3	7	10	1	15.0	73	1.6	163	39
11/08/24 14:50	3	7	9	1	14.9	73	1.8	170	34
11/08/24 14:55	2	7	9	1	15.0	72	2.0	160	38
11/08/24 15:00	2	6	9	1	15.0	72	2.4	162	22
11/08/24 15:05	2	6	9	1	15.1	72	1.3	160	44
11/08/24 15:10	2	6	9	1	15.3	71	1.1	173	46
11/08/24 15:15	2	6	8	1	14.8	72	3.1	135	13
11/08/24 15:20	2	6	8	1	14.7	74	2.1	128	18
11/08/24 15:25	2	6	8	1	14.9	73	2.4	144	22
11/08/24 15:30	2	6	8	1	15.0	72	1.4	167	42
11/08/24 15:35	2	6	7	1	15.1	71	1.4	169	43
11/08/24 15:40	2	6	7	1	15.2	69	1.2	158	46
11/08/24 15:45	1	6	7	1	15.3	69	0.8	178	62
11/08/24 15:50	1	6	7	1	15.3	70	1.6	168	34
11/08/24 15:55	1	6	7	1	15.3	69	1.4	171	35
11/08/24 16:00	1	6	7	1	15.4	68	1.0	176	53
11/08/24 16:05	1	6	7	1	15.5	67	1.4	155	42
11/08/24 16:10	1	6	7	1	15.6	67	1.4	155	39
11/08/24 16:15	1	6	7	1	15.5	68	1.1	172	46
11/08/24 16:20	1	6	7	1	15.6	68	1.7	166	33
11/08/24 16:25	1	5	6	1	15.6	67	1.3	174	42
11/08/24 16:30	1	5	6	1	15.8	65	2.2	173	25
11/08/24 16:35	1	5	5	1	15.6	66	3.0	170	23
11/08/24 16:40	1	5	5	1	15.3	69	1.1	172	52
11/08/24 16:45	1	5	5	1	15.3	70	0.7	175	60
11/08/24 16:50	0	4	5	1	15.1	71	1.1	174	43
11/08/24 16:55	0	4	5	1	15.1	71	0.9	173	53
11/08/24 17:00	0	4	4	1	15.1	69	2.0	153	31
11/08/24 17:05	0	4	4	1	15.1	68	2.6	149	27
11/08/24 17:10	0	4	4	0	15.1	67	2.9	146	20
11/08/24 17:15	0	4	4	1	15.0	68	3.2	145	15
11/08/24 17:20	0	4	4	1	14.9	70	2.8	139	15
11/08/24 17:25	0	4	4	1	14.7	75	1.6	100	9
11/08/24 17:30	0	5	6	1	14.6	74	1.9	114	16
11/08/24 17:35	0	6	7	0	14.4	75	1.9	111	8
11/08/24 17:40	0	7	7	1	14.5	77	1.8	113	5
11/08/24 17:45	0	7	7	1	14.3	77	1.5	112	8
11/08/24 17:50	0	7	7	0	14.4	76	0.9	109	12
11/08/24 17:55	0	8	8	0	14.3	77	0.9	130	13
11/08/24 18:00	0	8	9	0	14.1	78	0.9	120	15
11/08/24 18:05	0	9	10	1	14.0	80	1.1	96	10
11/08/24 18:10	0	11	11	0	13.9	78	1.0	87	8
11/08/24 18:15	1	22	23	0	14.2	72	1.2	94	10
11/08/24 18:20	1	28	29	1	14.5	69	1.2	95	8
11/08/24 18:25	1	27	29	0	14.7	66	1.2	87	7
11/08/24 18:30	1	27	28	1	14.9	63	1.3	76	9
11/08/24 18:35	1	26	27	1	15.3	60	1.7	82	11
11/08/24 18:40	1	25	26	1	15.6	60	1.8	71	10
11/08/24 18:45	2	25	26	1	15.7	59	1.8	70	10
11/08/24 18:50	1	24	25	1	15.9	59	2.1	83	10
11/08/24 18:55	1	22	23	1	15.8	59	2.1	86	8
11/08/24 19:00	1	22	23	1	15.8	59	1.9	83	10

Station Pier Ambient Air Quality Monitoring

August 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/08/24 19:05	0	23	23	1	15.7	60	1.8	78	11
11/08/24 19:10	0	23	23	1	15.8	61	1.7	76	14
11/08/24 19:15	0	23	23	1	15.6	61	1.9	75	14
11/08/24 19:20	0	23	23	1	15.6	62	2.3	82	11
11/08/24 19:25	1	23	23	1	15.7	63	2.5	86	11
11/08/24 19:30	1	23	24	1	15.4	64	2.3	92	7
11/08/24 19:35	1	24	25	1	15.1	65	1.7	88	6
11/08/24 19:40	1	26	27	1	15.0	66	1.4	77	9
11/08/24 19:45	1	28	29	1	15.0	65	1.5	84	8
11/08/24 19:50	1	30	31	1	15.1	65	1.2	78	13
11/08/24 19:55	1	31	32	1	14.9	66	1.0	83	14
11/08/24 20:00	2	31	33	1	14.6	67	0.8	74	20
11/08/24 20:05	2	32	34	1	14.2	69	1.0	88	6
11/08/24 20:10	2	32	35	1	14.1	70	0.9	59	21
11/08/24 20:15	4	33	37	1	13.9	70	1.1	58	11
11/08/24 20:20	8	34	42	1	13.8	71	1.1	39	8
11/08/24 20:25	18	35	53	1	13.7	71	1.2	42	13
11/08/24 20:30	17	37	55	1	13.6	71	1.3	35	12
11/08/24 20:35	38	31	69	1	13.5	72	1.3	29	7
11/08/24 20:40	28	36	64	0	13.2	72	1.2	15	9
11/08/24 20:45	25	37	62	0	13.2	71	1.1	4	15
11/08/24 20:50	18	41	59	0	13.5	66	0.6	350	34
11/08/24 20:55	13	35	48	0	13.7	64	0.9	1	22
11/08/24 21:00	13	31	44	0	13.7	62	0.7	344	24
11/08/24 21:05	10	29	40	0	13.9	61	0.7	357	26
11/08/24 21:10	9	28	38	0	13.9	61	0.7	328	28
11/08/24 21:15	9	29	38	0	13.9	62	0.5	313	24
11/08/24 21:20	11	32	43	0	13.8	63	0.5	301	30
11/08/24 21:25	27	29	56	0	13.5	64	0.6	314	19
11/08/24 21:30	41	34	75	0	13.5	62	1.0	328	13
11/08/24 21:35	27	32	60	0	13.7	61	1.2	339	14
11/08/24 21:40	16	29	45	0	13.8	61	1.4	332	14
11/08/24 21:45	16	29	45	0	13.8	61	1.3	345	22
11/08/24 21:50	15	28	43	0	13.8	62	1.1	345	25
11/08/24 21:55	17	27	45	0	13.5	63	1.1	2	19
11/08/24 22:00	20	28	48	0	13.2	64	1.3	5	17
11/08/24 22:05	23	29	51	0	12.9	66	1.2	12	17
11/08/24 22:10	22	29	51	0	12.7	66	1.2	18	15
11/08/24 22:15	22	28	50	0	12.7	67	1.1	17	10
11/08/24 22:20	20	28	48	0	12.5	68	0.9	33	14
11/08/24 22:25	19	27	47	0	12.4	68	0.9	37	12
11/08/24 22:30	16	27	43	0	12.2	69	1.2	36	9
11/08/24 22:35	11	26	38	0	12.0	70	1.3	33	7
11/08/24 22:40	9	27	36	0	12.0	71	1.1	31	9
11/08/24 22:45	12	27	39	0	11.9	71	1.2	33	7
11/08/24 22:50	15	28	43	0	11.8	73	1.3	42	6
11/08/24 22:55	16	28	44	0	11.8	74	0.7	22	26
11/08/24 23:00	16	28	44	0	11.6	73	0.7	309	23
11/08/24 23:05	18	27	45	0	11.7	73	1.2	1	19
11/08/24 23:10	19	27	46	0	11.7	74	0.9	298	23
11/08/24 23:15	20	26	47	0	11.7	73	0.9	357	27
11/08/24 23:20	23	26	48	0	11.4	73	1.0	7	15
11/08/24 23:25	26	25	51	0	11.2	74	0.9	42	11
11/08/24 23:30	29	25	54	0	11.1	75	0.9	32	8
11/08/24 23:35	28	27	55	0	11.2	75	0.9	38	8
11/08/24 23:40	27	27	54	0	11.1	75	1.2	42	4
11/08/24 23:45	34	22	56	0	10.8	76	1.3	45	5
11/08/24 23:50	23	28	51		10.8	78	1.0	38	6
11/08/24 23:55	22	26	48		11.0	78	1.1	28	10
12/08/24 00:00	22	26	47	0	11.0	78	0.9	17	15
12/08/24 00:05	21	25	46	2	11.0	78	1.0	23	8
12/08/24 00:10	20	24	44	1	10.9	78	1.0	15	7
12/08/24 00:15	20	24	44	1	10.9	78	1.0	324	17
12/08/24 00:20	21	24	45	1	11.1	77	1.1	309	18
12/08/24 00:25	22	25	47	1	11.2	76	1.3	324	17
12/08/24 00:30	23	26	49	1	11.4	75	0.9	331	31
12/08/24 00:35	23	25	48	1	11.2	75	0.9	0	23
12/08/24 00:40	26	25	50	1	10.9	76	0.8	15	24
12/08/24 00:45	27	24	50	2	10.5	78	1.0	23	19
12/08/24 00:50	24	24	48	2	10.4	78	1.0	7	28
12/08/24 00:55	12	26	38	1	10.5	78	1.1	359	29
12/08/24 01:00	9	25	34	1	10.7	77	1.1	359	29
12/08/24 01:05					10.8	77	1.1	8	28
12/08/24 01:10					10.9	77	1.2	357	32
12/08/24 01:15					10.9	76	1.1	5	28
12/08/24 01:20					11.0	76	1.0	3	30
12/08/24 01:25					11.0	76	1.4	358	27
12/08/24 01:30					11.1	75	0.8	29	34
12/08/24 01:35					10.9	76	1.0	37	19
12/08/24 01:40					10.8	77	0.7	85	37
12/08/24 01:45					10.7	78	0.8	82	25
12/08/24 01:50					10.4	79	0.8	76	14
12/08/24 01:55					10.2	80	1.2	67	10
12/08/24 02:00					10.2	80	1.3	60	11

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/08/24 02:05	2	20	23	1	10.1	81	1.1	59	14
12/08/24 02:10	3	20	23	1	10.0	81	0.9	60	12
12/08/24 02:15	3	20	23	1	9.9	82	1.0	51	14
12/08/24 02:20	3	19	22	1	9.8	82	1.2	54	12
12/08/24 02:25	3	19	23	1	9.8	82	0.9	69	14
12/08/24 02:30	3	19	23	1	9.7	83	0.6	92	25
12/08/24 02:35	3	19	22	1	9.6	83	0.8	65	15
12/08/24 02:40	3	19	22	1	9.6	83	1.0	68	13
12/08/24 02:45	3	19	21	1	9.7	83	0.9	66	15
12/08/24 02:50	2	19	21	1	9.6	84	0.6	71	24
12/08/24 02:55	2	18	21	1	9.6	84	1.1	61	11
12/08/24 03:00	2	18	20	1	9.5	84	0.8	47	19
12/08/24 03:05	2	18	20	1	9.7	84	1.2	31	19
12/08/24 03:10	2	17	19	1	10.1	83	1.3	18	27
12/08/24 03:15	1	14	15	1	10.5	81	0.8	342	42
12/08/24 03:20	1	10	12	1	10.9	79	1.6	357	25
12/08/24 03:25	1	9	10	1	11.1	78	1.2	3	33
12/08/24 03:30	1	9	10	1	11.3	77	1.4	354	28
12/08/24 03:35	1	9	10	1	11.3	77	1.7	357	24
12/08/24 03:40	1	10	10	1	11.3	77	0.9	12	47
12/08/24 03:45	1	10	11	1	11.2	78	1.2	349	36
12/08/24 03:50	1	10	11	1	11.2	78	1.0	3	44
12/08/24 03:55	1	10	11	1	11.2	78	1.9	7	24
12/08/24 04:00	1	10	11	1	11.2	78	1.1	16	35
12/08/24 04:05	0	10	11	1	10.9	78	0.9	52	36
12/08/24 04:10	1	11	11	1	10.7	79	0.9	50	26
12/08/24 04:15	1	11	12	1	10.4	80	0.7	357	38
12/08/24 04:20	1	12	13	1	10.4	81	0.7	14	36
12/08/24 04:25	1	13	13	1	10.4	81	0.8	358	41
12/08/24 04:30	1	13	14	1	10.3	81	0.8	114	25
12/08/24 04:35	1	13	14	1	9.9	82	0.8	109	23
12/08/24 04:40	1	14	14	1	9.3	83	0.3	68	51
12/08/24 04:45	1	14	15	1	9.3	85	0.7	17	29
12/08/24 04:50	2	16	18	1	9.5	85	0.8	37	23
12/08/24 04:55	3	18	21	1	9.4	84	0.9	84	13
12/08/24 05:00	3	15	18	1	9.0	85	0.6	82	16
12/08/24 05:05	3	15	18	1	8.9	86	0.8	52	11
12/08/24 05:10	3	15	18	1	9.0	87	0.6	79	32
12/08/24 05:15	2	15	17	1	9.0	87	0.5	121	16
12/08/24 05:20	2	15	17	1	8.9	88	0.8	150	15
12/08/24 05:25	2	15	17	1	9.1	88	0.8	146	17
12/08/24 05:30	2	14	16	1	9.0	88	1.0	127	13
12/08/24 05:35	2	14	16	1	8.9	88	1.2	112	8
12/08/24 05:40	2	14	16	1	8.7	88	0.9	128	12
12/08/24 05:45	2	14	16	1	8.8	90	0.8	125	12
12/08/24 05:50	2	14	16	1	8.9	89	0.9	108	19
12/08/24 05:55	3	14	17	1	8.5	88	0.5	40	45
12/08/24 06:00	4	15	20	1	8.6	89	0.2	7	54
12/08/24 06:05	5	17	22	1	8.8	89	0.2	205	59
12/08/24 06:10	5	16	21	1	8.8	89	0.3	147	55
12/08/24 06:15	5	16	21	1	8.9	90	0.5	193	24
12/08/24 06:20	5	16	20	1	8.9	90	0.5	180	33
12/08/24 06:25	5	16	21	1	9.0	90	0.3	76	75
12/08/24 06:30	5	16	22	1	9.2	90	0.6	317	48
12/08/24 06:35	15	21	36	1	9.6	86	1.1	326	29
12/08/24 06:40	47	24	71	1	10.1	81	1.3	312	22
12/08/24 06:45	50	25	75	1	10.4	79	1.0	333	29
12/08/24 06:50	48	25	73	1	10.4	79	1.1	317	30
12/08/24 06:55	47	25	72	2	10.5	78	1.3	341	34
12/08/24 07:00	44	26	70	2	10.4	78	1.4	353	26
12/08/24 07:05	43	27	70	2	10.4	78	1.2	351	34
12/08/24 07:10	50	22	72	2	10.4	79	0.7	317	45
12/08/24 07:15	60	24	84	2	10.5	79	0.8	307	32
12/08/24 07:20	60	27	87	1	10.4	79	1.2	304	20
12/08/24 07:25	65	28	93	1	10.5	79	1.3	304	15
12/08/24 07:30	66	29	95	1	10.5	78	1.1	316	30
12/08/24 07:35	68	28	96	2	10.3	78	0.5	19	38
12/08/24 07:40	75	23	98	2	10.1	80	0.8	10	31
12/08/24 07:45	74	25	99	2	10.0	80	0.9	360	28
12/08/24 07:50	73	27	100	2	10.4	79	1.0	3	23
12/08/24 07:55	76	26	102	2	10.9	76	1.1	21	24
12/08/24 08:00	73	28	100	2	11.5	74	1.5	11	23
12/08/24 08:05	52	28	80	1	12.1	71	1.9	8	21
12/08/24 08:10	42	26	68	2	12.4	70	1.0	333	38
12/08/24 08:15	44	26	69	2	12.5	70	1.1	292	35
12/08/24 08:20	48	28	76	2	12.5	71	1.4	280	17
12/08/24 08:25	58	29	86	2	12.3	71	1.5	301	20
12/08/24 08:30	60	28	89	2	12.3	70	1.4	339	27
12/08/24 08:35	59	28	88	2	12.8	68	1.3	0	23
12/08/24 08:40	61	28	89	2	13.1	67	1.7	9	16
12/08/24 08:45	60	28	88	2	13.3	67	1.4	18	26
12/08/24 08:50	53	30	82	2	13.5	66	1.6	7	24
12/08/24 08:55	43	27	70	2	13.7	65	1.0	3	34
12/08/24 09:00	42	26	67	2	13.9	65	0.6	332	54

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/08/24 09:05	43	26	69	2	14.3	64	1.1	0	32
12/08/24 09:10	45	27	72	2	14.5	63	1.1	2	32
12/08/24 09:15	46	27	74	2	14.7	63	1.3	11	37
12/08/24 09:20	48	28	75	2	14.8	62	1.1	353	39
12/08/24 09:25	50	28	79	2	14.8	62	1.5	11	27
12/08/24 09:30	53	27	80	2	15.1	61	2.2	17	20
12/08/24 09:35	47	27	74	2	15.3	61	2.0	7	28
12/08/24 09:40	40	26	66	2	15.6	61	1.6	10	29
12/08/24 09:45	36	25	61	2	16.0	59	1.0	355	42
12/08/24 09:50	39	25	65	2	16.0	60	1.3	338	40
12/08/24 09:55	40	25	64	2	16.3	59	1.3	354	32
12/08/24 10:00	40	26	67	2	16.5	58	1.4	315	34
12/08/24 10:05	41	27	68	2	16.8	58	1.1	318	32
12/08/24 10:10	41	27	68	2	17.2	56	1.3	313	50
12/08/24 10:15	17	24	41	2	17.5	54	2.3	349	38
12/08/24 10:20	8	14	22	2	17.7	54	2.0	358	29
12/08/24 10:25	8	14	22	2	18.0	53	2.4	360	34
12/08/24 10:30	7	13	20	2	18.2	52	2.8	2	29
12/08/24 10:35	7	12	18	2	18.3	51	2.9	354	29
12/08/24 10:40	6	10	16	2	18.3	52	2.7	345	34
12/08/24 10:45	6	8	14	2	18.4	52	3.3	355	26
12/08/24 10:50	5	7	12	2	18.4	52	3.1	341	33
12/08/24 10:55	5	8	13	2	18.6	51	2.2	349	33
12/08/24 11:00	5	9	14	2	18.8	51	2.3	344	37
12/08/24 11:05	5	9	14	2	18.9	51	3.5	333	30
12/08/24 11:10	5	9	14	1	18.9	51	2.6	344	30
12/08/24 11:15	5	9	14	1	19.1	51	2.7	354	33
12/08/24 11:20	5	9	14	1	19.2	51	2.8	334	32
12/08/24 11:25	5	9	14	1	19.2	51	3.5	328	28
12/08/24 11:30	4	8	12	1	19.0	51	3.5	343	31
12/08/24 11:35	4	7	11	1	19.2	51	3.0	331	31
12/08/24 11:40	4	8	12	1	19.2	51	3.1	330	29
12/08/24 11:45	4	9	13	1	19.3	51	2.9	353	33
12/08/24 11:50	4	10	14	1	19.6	50	2.7	339	33
12/08/24 11:55	4	9	13	1	19.5	50	3.4	2	27
12/08/24 12:00	4	9	13	1	19.7	49	4.9	10	23
12/08/24 12:05	4	9	12	1	19.6	49	3.7	11	22
12/08/24 12:10	4	9	12	1	19.7	50	2.4	349	35
12/08/24 12:15	4	9	12	1	19.8	49	3.1	341	30
12/08/24 12:20	3	8	12	1	19.8	49	4.0	352	24
12/08/24 12:25	3	8	11	1	19.8	49	3.6	360	25
12/08/24 12:30	3	8	11	1	19.8	49	3.1	344	32
12/08/24 12:35	3	7	10	1	19.7	49	3.2	344	36
12/08/24 12:40	3	7	10	2	19.8	49	3.3	319	24
12/08/24 12:45	3	7	10	2	19.8	49	2.4	334	36
12/08/24 12:50	3	7	10	1	20.0	49	2.6	312	23
12/08/24 12:55	3	7	10	1	20.0	48	2.9	336	27
12/08/24 13:00	3	8	10	1	20.4	47	2.3	347	36
12/08/24 13:05	3	8	11	2	20.4	47	3.1	338	29
12/08/24 13:10	3	8	11	2	20.2	47	2.7	328	31
12/08/24 13:15	3	8	11	2	20.3	46	3.2	325	28
12/08/24 13:20	3	8	10	2	20.3	46	4.0	317	28
12/08/24 13:25	2	7	10	2	20.2	47	3.3	324	24
12/08/24 13:30	2	7	10	1	20.5	46	3.5	359	27
12/08/24 13:35	2	7	10	1	20.8	44	5.4	10	15
12/08/24 13:40	2	7	9	1	20.8	44	4.3	1	28
12/08/24 13:45	2	7	9	1	20.7	44	3.7	345	26
12/08/24 13:50	2	7	9	1	20.9	43	4.7	9	20
12/08/24 13:55	2	7	10	1	20.9	43	4.8	4	23
12/08/24 14:00	2	7	10	1	20.8	43	3.7	7	23
12/08/24 14:05	2	7	10	1	20.8	43	3.1	341	35
12/08/24 14:10	2	7	9	1	20.7	43	3.4	339	34
12/08/24 14:15	2	7	9	1	20.8	43	3.1	322	29
12/08/24 14:20	2	7	9	1	20.8	44	3.0	319	30
12/08/24 14:25	2	7	9	1	20.9	43	3.4	328	31
12/08/24 14:30	2	6	8	1	20.9	43	3.4	326	32
12/08/24 14:35	2	6	8	1	20.9	43	2.7	319	29
12/08/24 14:40	2	6	8	1	20.9	43	2.5	323	31
12/08/24 14:45	2	6	7	1	20.9	43	2.9	326	30
12/08/24 14:50	1	6	7	1	21.1	43	2.3	354	35
12/08/24 14:55	1	6	8	1	21.2	42	2.8	351	31
12/08/24 15:00	2	7	9	1	21.2	42	3.3	338	35
12/08/24 15:05	2	7	9	1	21.2	40	4.0	0	19
12/08/24 15:10	2	8	11	1	21.4	41	2.3	352	36
12/08/24 15:15	3	10	12	1	21.3	41	2.2	327	32
12/08/24 15:20	3	8	11	1	21.2	41	4.0	329	27
12/08/24 15:25	2	5	7	1	20.8	41	3.2	320	24
12/08/24 15:30	2	5	7	1	20.9	40	2.6	339	32
12/08/24 15:35	2	6	8	1	21.0	39	2.2	321	30
12/08/24 15:40	2	6	8	1	20.9	39	2.5	346	31
12/08/24 15:45	2	6	8	1	21.0	39	2.7	333	33
12/08/24 15:50	2	6	8	1	20.8	41	2.8	340	35
12/08/24 15:55	2	6	7	1	20.8	41	3.3	346	28
12/08/24 16:00	2	7	8	1	20.8	41	2.4	350	41

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/08/24 16:05	2	7	9	1	20.9	40	2.5	323	32
12/08/24 16:10	2	7	9	1	20.9	41	2.8	327	35
12/08/24 16:15	1	7	8	1	20.8	41	2.8	307	22
12/08/24 16:20	1	6	8	1	20.7	42	2.7	320	25
12/08/24 16:25	1	7	8	1	20.8	41	2.4	336	36
12/08/24 16:30	1	7	8	1	20.8	43	3.1	310	19
12/08/24 16:35	1	7	8	1	20.6	44	2.4	308	26
12/08/24 16:40	1	7	8	1	20.5	44	1.8	334	40
12/08/24 16:45	1	8	9	1	20.6	43	2.2	357	30
12/08/24 16:50	1	8	10	1	20.6	44	1.7	327	28
12/08/24 16:55	1	9	11	1	20.4	45	1.9	320	22
12/08/24 17:00	1	10	11	1	20.3	45	1.7	342	36
12/08/24 17:05	1	10	11	1	20.2	45	1.6	358	36
12/08/24 17:10	1	11	12	1	20.2	45	1.3	337	28
12/08/24 17:15	1	11	12	1	20.0	45	1.0	331	39
12/08/24 17:20	1	11	12	1	20.0	45	1.9	341	40
12/08/24 17:25	1	12	13	1	19.9	46	2.3	329	28
12/08/24 17:30	1	12	13	2	19.8	47	1.7	333	26
12/08/24 17:35	1	13	14	1	19.6	47	1.2	346	26
12/08/24 17:40	1	15	15	1	19.5	48	1.4	5	22
12/08/24 17:45	1	15	16	1	19.4	50	2.1	10	21
12/08/24 17:50	1	14	15	1	19.2	51	1.6	1	27
12/08/24 17:55	1	14	14	1	19.2	52	1.6	348	29
12/08/24 18:00	0	14	15	1	19.0	53	1.2	329	33
12/08/24 18:05	1	19	19	1	18.9	53	1.3	342	33
12/08/24 18:10	1	24	25	1	18.8	53	1.5	334	23
12/08/24 18:15	1	23	23	1	18.9	54	1.5	325	25
12/08/24 18:20	1	21	22	1	18.8	54	1.6	324	28
12/08/24 18:25	1	19	20	1	18.8	55	1.1	331	32
12/08/24 18:30	1	19	19	1	18.6	55	1.1	347	30
12/08/24 18:35	1	20	20	1	18.4	56	1.3	356	34
12/08/24 18:40	1	21	22	2	18.3	56	0.9	322	42
12/08/24 18:45	1	23	23	2	18.2	57	0.9	323	43
12/08/24 18:50	1	23	23	2	18.2	57	1.3	333	26
12/08/24 18:55	1	22	23	2	18.1	58	1.3	3	33
12/08/24 19:00	1	23	24	2	18.0	58	1.1	11	27
12/08/24 19:05	1	25	26	2	17.8	59	1.3	357	30
12/08/24 19:10	1	25	26	2	17.7	59	0.8	317	44
12/08/24 19:15	1	26	27	2	17.7	60	1.0	313	31
12/08/24 19:20	1	28	30	2	17.6	60	0.9	305	27
12/08/24 19:25	2	30	32	1	17.5	61	1.1	357	36
12/08/24 19:30	2	31	33	1	17.4	61	1.4	7	23
12/08/24 19:35	2	30	33	1	17.3	62	1.4	359	32
12/08/24 19:40	2	29	31	1	17.3	62	1.0	342	37
12/08/24 19:45	2	26	28	2	17.2	63	1.3	2	30
12/08/24 19:50	2	24	26	2	17.2	63	1.8	356	28
12/08/24 19:55	1	21	22	2	17.2	63	1.8	355	19
12/08/24 20:00	1	16	17	2	17.2	63	1.0	328	39
12/08/24 20:05	1	16	17	1	17.2	64	1.3	304	24
12/08/24 20:10	1	20	21	2	16.9	65	1.5	299	12
12/08/24 20:15	1	25	25	2	16.7	65	1.4	300	14
12/08/24 20:20	1	26	27	2	16.7	65	1.3	301	13
12/08/24 20:25	1	29	30	1	16.5	66	1.1	302	16
12/08/24 20:30	2	31	33	1	16.5	67	1.1	310	19
12/08/24 20:35	2	31	33	2	16.4	67	1.0	339	28
12/08/24 20:40	2	29	31	2	16.5	67	0.8	350	32
12/08/24 20:45	2	29	31	2	16.2	68	0.5	320	48
12/08/24 20:50	2	28	30	2	16.0	69	0.9	331	28
12/08/24 20:55	2	27	29	2	16.0	69	1.0	326	28
12/08/24 21:00	1	26	28	2	16.1	69	0.9	341	32
12/08/24 21:05	1	25	27	2	16.1	69	1.2	349	29
12/08/24 21:10	1	25	26	1	16.0	69	0.8	320	40
12/08/24 21:15	1	24	25	2	15.9	69	1.0	327	30
12/08/24 21:20	1	24	25	2	15.8	70	1.4	355	23
12/08/24 21:25	1	23	25	2	15.7	70	1.5	9	28
12/08/24 21:30	1	23	24	1	15.5	71	1.4	20	21
12/08/24 21:35	1	22	23	1	15.6	70	1.8	6	26
12/08/24 21:40	1	18	19	1	15.7	69	1.6	1	22
12/08/24 21:45	1	14	15	1	15.7	69	1.4	8	20
12/08/24 21:50	1	14	15	1	15.6	69	1.7	13	16
12/08/24 21:55	0	14	15	1	15.6	70	1.6	20	19
12/08/24 22:00	0	14	15	1	15.6	69	1.9	25	16
12/08/24 22:05	0	14	14	1	15.7	69	1.7	18	18
12/08/24 22:10	0	13	14	2	15.7	69	2.0	27	18
12/08/24 22:15	1	13	14	1	15.7	69	2.0	23	23
12/08/24 22:20	1	13	13	1	15.8	69	2.7	23	13
12/08/24 22:25	1	12	12	2	15.7	69	2.4	23	15
12/08/24 22:30	0	11	11	2	15.7	69	2.3	22	16
12/08/24 22:35	0	10	11	2	15.8	69	3.0	24	13
12/08/24 22:40	0	10	10	1	15.9	68	3.1	20	17
12/08/24 22:45	0	9	9	2	16.0	68	2.6	7	23
12/08/24 22:50	0	9	9	2	15.9	68	2.3	12	24
12/08/24 22:55	0	9	9	2	15.9	68	2.6	7	23
12/08/24 23:00	0	9	9	2	15.8	69	2.4	3	21

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/08/24 23:05	0	9	9	1	15.7	69	2.3	353	22
12/08/24 23:10	0	10	10	1	15.6	69	1.8	347	29
12/08/24 23:15	0	10	10	1	15.5	70	2.1	324	26
12/08/24 23:20	0	10	11	2	15.2	71	1.6	318	24
12/08/24 23:25	0	11	12	2	15.0	71	1.8	320	22
12/08/24 23:30	0	13	13	2	14.9	72	2.0	321	22
12/08/24 23:35	0	15	15	1	14.8	72	2.5	305	18
12/08/24 23:40	0	18	19	1	14.6	73	2.5	302	12
12/08/24 23:45	1	21	22	1	14.5	73	2.8	306	17
12/08/24 23:50	1	22	23		14.4	74	2.9	299	9
12/08/24 23:55	1	23	24		14.3	74	2.5	309	15
13/08/24 00:00	1	23	24	1	14.1	75	2.2	318	22
13/08/24 00:05	2	23	25	2	14.1	75	2.1	322	22
13/08/24 00:10	2	24	26	1	14.1	75	2.4	324	22
13/08/24 00:15	3	24	27	1	14.1	75	1.6	338	27
13/08/24 00:20	3	24	27	1	14.0	75	1.6	347	28
13/08/24 00:25	3	24	27	1	13.9	75	1.0	351	32
13/08/24 00:30	2	23	26	1	13.9	76	1.3	347	21
13/08/24 00:35	2	22	24	1	13.8	76	1.7	19	20
13/08/24 00:40	2	19	20	1	14.1	74	2.1	21	22
13/08/24 00:45	1	9	10	1	14.5	73	2.2	15	15
13/08/24 00:50	1	8	9	1	14.6	72	2.1	12	22
13/08/24 00:55	1	8	9	2	14.6	72	1.7	4	16
13/08/24 01:00	1	8	9	2	14.5	72	1.7	9	18
13/08/24 01:05					14.4	72	1.4	3	18
13/08/24 01:10					14.4	73	0.9	342	28
13/08/24 01:15					14.2	73	0.5	297	23
13/08/24 01:20					13.9	75	0.5	292	24
13/08/24 01:25					13.8	75	0.9	342	18
13/08/24 01:30					13.8	75	0.7	329	32
13/08/24 01:35					13.7	75	0.7	347	29
13/08/24 01:40					13.5	76	0.7	337	25
13/08/24 01:45					13.6	76	0.8	345	26
13/08/24 01:50					13.4	76	1.1	10	18
13/08/24 01:55					13.3	77	1.4	5	13
13/08/24 02:00					13.2	77	1.5	8	15
13/08/24 02:05	1	16	16	1	13.1	77	1.1	19	26
13/08/24 02:10	1	16	17	2	13.2	77	1.1	25	19
13/08/24 02:15	1	17	17	2	13.0	78	1.3	26	18
13/08/24 02:20	1	17	17	2	13.0	78	1.3	18	18
13/08/24 02:25	0	16	16	2	13.1	77	1.4	3	13
13/08/24 02:30	0	15	15	2	13.3	77	0.9	25	31
13/08/24 02:35	0	13	14	2	13.3	77	0.8	16	27
13/08/24 02:40	0	13	13	2	13.2	77	0.8	27	25
13/08/24 02:45	0	12	13	2	13.2	78	1.3	11	23
13/08/24 02:50	0	12	13	1	13.2	78	1.4	11	25
13/08/24 02:55	0	12	12	1	13.3	77	1.3	12	26
13/08/24 03:00	0	11	12	1	13.4	77	1.6	0	19
13/08/24 03:05	0	11	11	1	13.4	77	1.2	349	34
13/08/24 03:10	0	11	11	1	13.4	77	1.1	351	34
13/08/24 03:15	0	12	12	2	13.3	77	1.5	1	28
13/08/24 03:20	0	12	13	2	13.2	78	1.4	0	22
13/08/24 03:25	0	13	13	2	13.1	78	1.4	7	24
13/08/24 03:30	0	14	14	2	13.1	78	1.1	7	30
13/08/24 03:35	0	14	14	2	13.1	79	1.5	2	27
13/08/24 03:40	0	15	15	2	13.1	78	1.9	8	22
13/08/24 03:45	0	15	15	2	13.1	78	1.9	1	18
13/08/24 03:50	0	15	15	2	13.2	78	1.5	17	26
13/08/24 03:55	0	15	15	2	13.1	78	1.7	5	22
13/08/24 04:00	0	15	15	1	13.1	79	2.2	0	20
13/08/24 04:05	0	14	14	1	13.1	78	1.5	7	23
13/08/24 04:10	0	14	14	2	13.1	78	2.2	359	19
13/08/24 04:15	0	13	13	2	13.1	78	2.3	359	20
13/08/24 04:20	0	12	13	2	13.2	78	2.1	359	21
13/08/24 04:25	0	11	12	2	13.2	78	2.3	9	19
13/08/24 04:30	0	10	11	2	13.3	77	1.6	14	30
13/08/24 04:35	0	10	10	2	13.3	77	1.6	8	29
13/08/24 04:40	0	9	9	1	13.4	77	1.8	11	26
13/08/24 04:45	0	9	9	1	13.4	77	1.4	18	28
13/08/24 04:50	0	9	9	1	13.4	76	1.8	15	29
13/08/24 04:55	0	8	9	1	13.6	75	2.3	12	25
13/08/24 05:00	0	8	8	1	13.7	75	3.1	4	16
13/08/24 05:05	0	8	8	1	13.7	75	2.4	7	24
13/08/24 05:10	0	8	8	1	13.6	75	2.6	8	21
13/08/24 05:15	0	9	9	2	13.4	75	2.5	4	23
13/08/24 05:20	0	10	10	2	13.4	76	2.7	2	20
13/08/24 05:25	0	12	12	2	13.3	76	2.9	359	19
13/08/24 05:30	1	23	25	2	13.2	76	2.7	360	26
13/08/24 05:35	2	29	32	2	13.2	76	2.0	5	25
13/08/24 05:40	3	29	32	2	13.1	77	2.1	1	22
13/08/24 05:45	5	29	34	2	13.0	77	2.6	3	25
13/08/24 05:50	7	28	35	2	12.9	78	2.3	1	19
13/08/24 05:55	6	28	34	2	12.9	78	2.3	356	20
13/08/24 06:00	5	28	33	2	12.9	78	2.4	1	17

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/08/24 06:05	4	26	31	2	12.8	77	2.2	7	18
13/08/24 06:10	4	26	30	2	12.8	78	2.1	1	19
13/08/24 06:15	5	27	32	2	12.8	78	2.6	9	17
13/08/24 06:20	5	28	34	1	12.8	78	2.2	1	24
13/08/24 06:25	7	29	35	2	12.8	78	2.5	360	18
13/08/24 06:30	9	32	41	2	12.8	78	2.4	4	19
13/08/24 06:35	19	31	50	2	12.7	78	1.9	5	23
13/08/24 06:40	35	33	67	2	12.7	79	2.1	356	22
13/08/24 06:45	40	33	73	2	12.6	79	1.6	355	31
13/08/24 06:50	39	33	72	2	12.6	79	1.9	357	31
13/08/24 06:55	41	33	74	2	12.6	79	1.9	359	26
13/08/24 07:00	41	33	74	2	12.5	79	1.8	356	33
13/08/24 07:05	38	32	69	2	12.5	79	1.8	346	27
13/08/24 07:10	33	31	64	2	12.5	79	1.7	348	30
13/08/24 07:15	33	30	64	2	12.4	79	2.0	357	26
13/08/24 07:20	31	30	62	2	12.5	79	2.1	1	21
13/08/24 07:25	30	30	60	2	12.4	79	2.8	3	22
13/08/24 07:30	30	29	59	2	12.5	78	2.3	4	25
13/08/24 07:35	31	29	60	2	12.6	78	2.3	5	20
13/08/24 07:40	31	29	60	2	12.6	79	2.1	5	24
13/08/24 07:45	28	24	52	2	12.7	78	2.7	7	19
13/08/24 07:50	20	26	46	2	12.8	77	2.6	4	22
13/08/24 07:55	17	26	43	2	13.0	76	2.9	6	21
13/08/24 08:00	19	26	44	2	13.3	75	2.1	12	25
13/08/24 08:05	21	26	48	2	13.4	75	3.0	10	23
13/08/24 08:10	20	25	46	2	13.5	74	2.5	12	21
13/08/24 08:15	18	24	42	2	13.6	74	3.1	7	18
13/08/24 08:20	16	23	39	2	13.9	73	3.3	17	20
13/08/24 08:25	15	22	38	2	14.1	73	2.9	14	23
13/08/24 08:30	15	22	37	2	14.1	72	3.5	18	23
13/08/24 08:35	14	18	33	2	14.2	72	3.8	17	20
13/08/24 08:40	14	18	32	2	14.4	72	3.8	24	16
13/08/24 08:45	13	18	31	2	14.5	71	2.8	23	25
13/08/24 08:50	12	17	29	2	14.7	70	3.3	18	22
13/08/24 08:55	11	14	26	2	14.9	70	3.3	16	22
13/08/24 09:00	11	12	23	2	15.0	69	3.2	20	20
13/08/24 09:05	10	13	23	2	15.3	69	3.0	22	22
13/08/24 09:10	10	13	22	2	15.4	68	3.5	9	22
13/08/24 09:15	9	13	22	2	15.5	67	4.0	10	17
13/08/24 09:20	9	13	21	2	15.7	67	4.6	9	22
13/08/24 09:25	8	12	20	2	15.9	67	4.5	4	19
13/08/24 09:30	7	12	19	2	16.0	66	4.3	11	22
13/08/24 09:35	7	11	18	2	16.0	66	3.9	2	22
13/08/24 09:40	7	11	18	2	16.2	66	3.8	0	25
13/08/24 09:45	7	11	18	2	16.3	66	3.2	6	25
13/08/24 09:50	7	12	18	2	16.6	65	3.4	9	22
13/08/24 09:55	7	12	19	2	16.7	64	3.6	2	21
13/08/24 10:00	7	12	18	2	16.7	64	3.8	5	19
13/08/24 10:05	6	11	18	2	16.9	64	2.9	15	28
13/08/24 10:10	6	11	18	2	17.1	63	4.3	11	19
13/08/24 10:15	6	11	17	2	17.0	63	3.5	0	19
13/08/24 10:20	6	11	17	2	17.1	63	4.7	7	20
13/08/24 10:25	6	11	17	2	17.1	63	4.3	6	20
13/08/24 10:30	6	10	16	2	17.4	63	3.6	359	27
13/08/24 10:35	6	10	16	2	17.5	62	3.6	10	26
13/08/24 10:40	6	10	16	2	17.7	61	3.4	6	20
13/08/24 10:45	6	10	16	2	17.9	61	2.8	20	21
13/08/24 10:50	6	10	16	2	18.2	60	3.3	2	27
13/08/24 10:55	6	10	16	2	18.1	60	3.5	353	25
13/08/24 11:00	6	10	16	2	18.1	60	3.6	14	29
13/08/24 11:05	6	10	16	2	18.2	60	4.4	5	18
13/08/24 11:10	6	10	15	2	18.3	60	4.1	8	17
13/08/24 11:15	5	9	15	2	18.4	59	4.0	6	24
13/08/24 11:20	5	9	14	2	18.4	59	3.7	3	23
13/08/24 11:25	5	9	14	2	18.7	59	3.6	13	22
13/08/24 11:30	5	9	14	2	18.8	58	3.4	9	30
13/08/24 11:35	5	9	13	2	18.9	58	3.3	359	27
13/08/24 11:40	5	8	13	2	19.0	57	3.2	355	28
13/08/24 11:45	5	9	13	2	19.1	57	3.6	9	26
13/08/24 11:50	5	9	14	2	19.3	57	3.6	7	21
13/08/24 11:55	5	9	13	2	19.2	56	3.8	358	28
13/08/24 12:00	5	9	13	2	19.3	57	3.4	5	23
13/08/24 12:05	5	9	14	2	19.6	56	2.9	22	24
13/08/24 12:10	5	9	14	2	19.6	55	3.9	17	21
13/08/24 12:15	5	9	13	2	19.6	55	4.0	14	19
13/08/24 12:20	5	9	13	2	19.8	55	4.0	14	23
13/08/24 12:25	4	8	13	2	19.8	54	4.4	8	26
13/08/24 12:30	4	8	12	2	19.8	54	3.9	8	27
13/08/24 12:35	4	8	12	2	19.9	54	4.4	358	20
13/08/24 12:40	4	8	12	2	20.0	54	2.6	6	28
13/08/24 12:45	4	8	12	2	20.3	54	4.1	12	25
13/08/24 12:50	4	8	11	2	20.2	54	4.0	9	16
13/08/24 12:55	4	7	11	2	20.2	54	3.0	9	25
13/08/24 13:00	4	8	11	2	20.5	54	3.4	21	20

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/08/24 13:05	3	8	11	2	20.5	54	2.7	1	35
13/08/24 13:10	3	7	11	2	20.5	54	3.2	19	23
13/08/24 13:15	4	7	11	2	20.6	54	2.6	2	31
13/08/24 13:20	4	8	12	2	20.7	53	3.0	5	28
13/08/24 13:25	4	8	12	2	20.8	53	2.4	16	25
13/08/24 13:30	4	8	11	2	20.9	52	3.9	18	19
13/08/24 13:35	3	7	11	2	20.7	53	3.8	13	21
13/08/24 13:40	3	7	11	2	20.9	52	4.7	18	18
13/08/24 13:45	3	7	10	2	20.8	51	4.2	12	17
13/08/24 13:50	3	7	10	2	20.9	52	3.3	8	23
13/08/24 13:55	3	7	11	2	21.0	51	3.6	344	30
13/08/24 14:00	3	7	11	2	20.9	50	2.7	356	41
13/08/24 14:05	3	7	11	2	20.9	51	2.8	6	33
13/08/24 14:10	3	7	10	2	20.9	50	3.7	358	33
13/08/24 14:15	3	7	10	2	20.9	51	2.8	325	26
13/08/24 14:20	3	7	9	2	20.8	51	3.2	338	37
13/08/24 14:25	3	7	9	2	21.0	51	3.6	2	24
13/08/24 14:30	3	7	9	1	21.0	51	3.6	6	21
13/08/24 14:35	3	7	9	1	21.2	51	2.5	354	32
13/08/24 14:40	3	7	10	2	21.4	49	2.8	5	36
13/08/24 14:45	3	7	10	2	21.4	49	3.4	16	23
13/08/24 14:50	3	7	10	2	21.4	50	2.7	13	29
13/08/24 14:55	2	7	9	2	21.3	51	3.9	18	22
13/08/24 15:00	2	6	9	2	21.1	52	3.8	12	24
13/08/24 15:05	2	7	9	2	21.1	52	3.7	353	20
13/08/24 15:10	2	7	9	2	21.2	51	3.2	348	31
13/08/24 15:15	2	7	9	2	21.3	50	4.3	7	19
13/08/24 15:20	2	7	9	2	21.2	49	2.0	341	41
13/08/24 15:25	2	7	9	2	21.3	49	2.8	350	37
13/08/24 15:30	2	7	9	2	21.2	49	3.6	360	25
13/08/24 15:35	2	7	9	2	21.2	50	2.9	359	32
13/08/24 15:40	2	7	9	2	21.2	49	2.1	347	43
13/08/24 15:45	2	8	10	2	21.1	49	3.0	344	28
13/08/24 15:50	2	8	10	2	21.0	49	3.1	342	23
13/08/24 15:55	2	8	10	2	21.0	50	3.1	358	33
13/08/24 16:00	2	8	10	2	20.9	50	2.8	5	29
13/08/24 16:05	2	8	10	2	20.9	51	3.5	16	22
13/08/24 16:10	2	8	10	2	20.8	52	3.0	360	26
13/08/24 16:15	2	8	10	2	20.7	52	3.5	3	25
13/08/24 16:20	2	8	10	1	20.6	53	2.3	359	34
13/08/24 16:25	2	9	11	2	20.6	53	3.6	29	15
13/08/24 16:30	2	8	10	2	20.5	53	3.8	22	17
13/08/24 16:35	2	8	10	2	20.5	54	2.9	12	27
13/08/24 16:40	2	8	9	2	20.4	54	3.4	12	20
13/08/24 16:45	1	8	10	2	20.4	54	2.1	14	28
13/08/24 16:50	2	9	10	2	20.3	55	2.8	13	26
13/08/24 16:55	2	9	10	2	20.3	55	2.4	17	28
13/08/24 17:00	2	10	11	1	20.3	56	2.4	14	27
13/08/24 17:05	2	10	12	1	20.1	56	3.0	18	20
13/08/24 17:10	2	10	11	2	19.9	56	3.5	13	21
13/08/24 17:15	1	9	11	2	19.8	57	2.9	19	21
13/08/24 17:20	1	9	10	2	19.8	57	3.6	13	17
13/08/24 17:25	1	9	10	2	19.7	58	3.9	25	18
13/08/24 17:30	1	8	9	2	19.6	58	3.6	27	19
13/08/24 17:35	1	8	9	2	19.5	59	2.9	23	20
13/08/24 17:40	1	8	9	2	19.4	59	2.8	17	24
13/08/24 17:45	1	9	9	2	19.4	60	2.9	24	14
13/08/24 17:50	1	9	9	2	19.1	60	3.6	27	17
13/08/24 17:55	1	9	9	2	19.1	61	3.0	24	18
13/08/24 18:00	1	9	10	2	19.0	61	2.4	20	23
13/08/24 18:05	1	9	10	2	18.8	62	2.0	18	26
13/08/24 18:10	1	10	10	2	18.7	62	1.7	22	25
13/08/24 18:15	1	10	11	2	18.7	63	2.1	19	24
13/08/24 18:20	1	10	11	2	18.7	63	2.6	16	18
13/08/24 18:25	1	10	11	2	18.6	64	2.6	10	20
13/08/24 18:30	0	10	11	2	18.5	64	2.5	17	21
13/08/24 18:35	0	11	11	2	18.4	64	2.0	11	30
13/08/24 18:40	0	11	11	2	18.3	64	3.0	14	20
13/08/24 18:45	0	11	11	2	18.2	64	2.9	5	21
13/08/24 18:50	0	11	11	2	18.3	64	2.8	10	24
13/08/24 18:55	0	11	11	2	18.2	65	2.7	7	20
13/08/24 19:00	0	10	11	2	18.0	65	1.9	7	31
13/08/24 19:05	0	10	11	2	18.0	66	2.0	10	26
13/08/24 19:10	0	10	11	2	17.9	66	2.4	358	22
13/08/24 19:15	0	10	10	2	17.8	66	1.9	0	25
13/08/24 19:20	0	10	11	2	17.7	67	2.1	3	24
13/08/24 19:25	0	11	11	2	17.6	67	1.7	1	24
13/08/24 19:30	0	11	11	2	17.6	67	1.4	4	27
13/08/24 19:35	0	11	12	2	17.5	67	1.6	4	23
13/08/24 19:40	0	12	12	2	17.4	68	1.7	1	22
13/08/24 19:45	0	13	13	2	17.3	68	1.7	6	20
13/08/24 19:50	0	14	14	2	17.2	68	1.3	2	29
13/08/24 19:55	1	16	16	2	17.1	68	1.3	338	35
13/08/24 20:00	1	19	19	2	17.0	69	1.8	358	27

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/08/24 20:05	1	22	23	1	16.9	69	1.5	1	26
13/08/24 20:10	1	23	24	2	16.8	69	1.7	357	27
13/08/24 20:15	1	22	23	2	16.8	69	1.7	356	29
13/08/24 20:20	1	22	23	2	16.7	69	1.9	2	23
13/08/24 20:25	1	22	23	2	16.7	69	1.9	4	22
13/08/24 20:30	2	22	24	2	16.7	70	1.9	2	22
13/08/24 20:35	2	22	24	2	16.5	70	2.1	8	22
13/08/24 20:40	2	22	24	2	16.5	70	1.4	16	30
13/08/24 20:45	2	22	23	2	16.4	70	1.6	15	27
13/08/24 20:50	1	21	22	2	16.4	70	1.7	20	25
13/08/24 20:55	1	20	21	2	16.3	70	1.7	27	21
13/08/24 21:00	1	19	20	2	16.3	70	2.2	24	18
13/08/24 21:05	1	18	19	2	16.3	70	2.4	26	13
13/08/24 21:10	1	17	18	2	16.2	70	2.0	21	23
13/08/24 21:15	1	16	17	2	16.2	70	1.9	18	21
13/08/24 21:20	1	15	16	2	16.2	70	2.3	22	23
13/08/24 21:25	1	15	15	2	16.2	70	2.2	19	20
13/08/24 21:30	1	14	15	2	16.2	70	1.7	14	22
13/08/24 21:35	1	14	14	2	16.1	71	2.0	13	23
13/08/24 21:40	1	13	14	2	16.0	71	2.1	14	23
13/08/24 21:45	1	13	14	2	16.2	71	2.3	28	20
13/08/24 21:50	1	13	14	2	16.1	71	2.5	22	20
13/08/24 21:55	0	13	13	2	16.1	71	2.1	22	23
13/08/24 22:00	0	13	13	2	16.1	71	2.4	23	15
13/08/24 22:05	0	13	14	2	16.0	71	2.3	16	19
13/08/24 22:10	0	14	14	2	16.0	72	2.3	12	20
13/08/24 22:15	1	14	14	2	15.9	72	2.5	10	21
13/08/24 22:20	0	14	14	2	15.8	72	2.0	5	24
13/08/24 22:25	0	14	14	2	15.8	73	1.9	12	27
13/08/24 22:30	0	14	14	2	15.7	73	2.3	20	19
13/08/24 22:35	1	14	15	2	15.7	73	1.7	20	23
13/08/24 22:40	1	14	15	2	15.5	74	1.7	20	20
13/08/24 22:45	1	14	15	2	15.6	74	2.1	23	20
13/08/24 22:50	1	14	15	2	15.5	74	1.8	23	20
13/08/24 22:55	1	14	15	2	15.5	75	1.6	21	25
13/08/24 23:00	1	14	15	2	15.4	75	1.6	17	26
13/08/24 23:05	1	14	14	2	15.5	75	2.0	20	24
13/08/24 23:10	1	13	14	2	15.4	75	1.7	15	22
13/08/24 23:15	1	13	14	2	15.4	75	1.6	15	23
13/08/24 23:20	1	13	13	2	15.4	75	2.2	12	19
13/08/24 23:25	1	12	13	2	15.5	75	2.2	14	24
13/08/24 23:30	1	12	12	2	15.5	75	2.2	11	23
13/08/24 23:35	1	11	12	2	15.6	75	2.3	5	20
13/08/24 23:40	0	11	11	2	15.6	75	1.6	18	33
13/08/24 23:45	0	11	11	2	15.6	75	2.5	24	20
13/08/24 23:50	0	10	11		15.6	75	2.7	25	18
13/08/24 23:55	0	10	10		15.6	75	1.6	19	30
14/08/24 00:00	0	10	10	2	15.6	75	1.9	4	27
14/08/24 00:05	0	9	10	3	15.6	75	2.4	3	18
14/08/24 00:10	0	9	10	2	15.6	75	2.5	7	16
14/08/24 00:15	0	9	9	1	15.6	75	2.6	8	20
14/08/24 00:20	0	9	9	1	15.5	76	2.3	11	20
14/08/24 00:25	0	9	9	1	15.4	76	2.7	5	17
14/08/24 00:30	0	9	9	1	15.5	76	2.4	7	20
14/08/24 00:35	0	9	9	1	15.4	76	2.2	3	22
14/08/24 00:40	0	9	9	1	15.5	76	2.3	9	23
14/08/24 00:45	0	9	9	1	15.5	76	2.7	4	18
14/08/24 00:50	0	9	9	1	15.5	76	2.7	0	18
14/08/24 00:55	0	9	9	1	15.4	76	2.9	360	21
14/08/24 01:00	0	8	8	1	15.4	75	2.4	360	23
14/08/24 01:05					15.4	76	2.8	5	20
14/08/24 01:10					15.4	76	2.8	1	16
14/08/24 01:15					15.4	76	2.5	1	28
14/08/24 01:20					15.4	76	2.8	360	23
14/08/24 01:25					15.5	76	2.0	4	28
14/08/24 01:30					15.3	76	2.4	9	22
14/08/24 01:35					15.3	76	2.8	17	19
14/08/24 01:40					15.4	76	2.5	10	22
14/08/24 01:45					15.4	76	2.5	10	21
14/08/24 01:50					15.4	76	2.3	13	24
14/08/24 01:55					15.3	76	1.9	11	26
14/08/24 02:00					15.2	76	2.0	12	23
14/08/24 02:05	0	7	8	1	15.2	76	1.7	14	26
14/08/24 02:10	0	7	7	1	15.2	77	2.0	11	25
14/08/24 02:15	0	7	7	1	15.2	76	2.1	6	17
14/08/24 02:20	0	7	7	1	15.2	77	2.0	2	24
14/08/24 02:25	0	7	7	1	15.1	77	1.7	10	24
14/08/24 02:30	0	7	7	1	15.1	77	1.4	10	24
14/08/24 02:35	0	7	7	1	14.9	77	1.5	19	22
14/08/24 02:40	0	7	7	1	15.0	77	1.7	20	21
14/08/24 02:45	0	7	7	1	14.9	78	1.9	15	22
14/08/24 02:50	0	6	7	1	14.9	77	2.0	3	18
14/08/24 02:55	0	6	6	1	14.9	77	1.7	4	24
14/08/24 03:00	0	6	6	1	14.8	77	1.4	9	24

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/08/24 03:05	0	6	6	1	14.9	78	1.9	4	25
14/08/24 03:10	0	6	6	1	14.8	77	1.9	5	23
14/08/24 03:15	0	6	6	1	14.9	77	1.7	16	21
14/08/24 03:20	0	6	6	1	15.0	77	2.1	13	21
14/08/24 03:25	0	6	7	1	15.1	76	1.7	17	20
14/08/24 03:30	0	7	7	1	15.0	76	1.5	18	24
14/08/24 03:35	0	7	7	1	15.0	76	2.2	16	18
14/08/24 03:40	0	7	7	1	15.1	76	1.8	19	20
14/08/24 03:45	0	7	7	1	15.0	76	2.0	10	20
14/08/24 03:50	0	7	7	1	15.1	76	1.5	11	32
14/08/24 03:55	0	7	8	1	15.0	76	1.8	17	24
14/08/24 04:00	0	7	8	1	15.2	76	2.1	17	19
14/08/24 04:05	0	7	8	1	15.2	76	2.0	10	22
14/08/24 04:10	0	7	7	1	15.2	76	1.9	15	21
14/08/24 04:15	0	7	7	1	15.2	76	1.7	11	22
14/08/24 04:20	0	7	7	1	15.2	76	1.9	5	29
14/08/24 04:25	0	7	7	1	15.3	76	2.2	6	24
14/08/24 04:30	0	7	7	1	15.3	76	2.4	3	21
14/08/24 04:35	0	7	7	1	15.4	76	1.8	343	34
14/08/24 04:40	0	7	7	1	15.4	76	1.7	315	27
14/08/24 04:45	0	8	9	1	15.3	76	2.0	321	24
14/08/24 04:50	0	10	10	1	15.3	76	2.1	5	25
14/08/24 04:55	0	12	13	1	15.4	76	2.4	9	25
14/08/24 05:00	1	13	13	1	15.4	76	2.8	5	18
14/08/24 05:05	1	13	13	1	15.5	76	2.7	10	18
14/08/24 05:10	0	12	12	1	15.5	75	2.2	355	25
14/08/24 05:15	0	11	12	1	15.5	75	2.2	353	28
14/08/24 05:20	0	12	12	1	15.5	75	2.5	3	16
14/08/24 05:25	0	12	12	1	15.6	75	2.3	5	17
14/08/24 05:30	0	12	12	1	15.5	75	1.7	357	29
14/08/24 05:35	0	12	12	1	15.6	75	2.3	8	22
14/08/24 05:40	0	12	13	1	15.5	75	1.5	341	32
14/08/24 05:45	0	13	13	1	15.5	75	1.7	9	28
14/08/24 05:50	0	13	14	1	15.6	75	2.7	7	16
14/08/24 05:55	1	13	14	1	15.6	74	2.1	20	22
14/08/24 06:00	1	12	13	1	15.6	74	2.1	20	24
14/08/24 06:05	0	12	12	1	15.8	74	2.0	21	19
14/08/24 06:10	1	11	12	1	15.6	73	2.6	19	17
14/08/24 06:15	1	11	12	1	15.8	72	2.9	11	18
14/08/24 06:20	0	11	12	1	16.0	71	2.5	13	20
14/08/24 06:25	0	11	12	1	16.1	71	2.4	5	22
14/08/24 06:30	1	12	12	1	16.1	70	2.7	13	17
14/08/24 06:35	1	12	13	1	16.1	70	3.0	19	18
14/08/24 06:40	1	13	14	1	16.1	70	3.0	8	19
14/08/24 06:45	1	13	14	1	16.1	70	2.5	9	23
14/08/24 06:50	1	14	14	1	16.1	70	2.3	6	22
14/08/24 06:55	1	15	15	1	16.1	71	2.4	16	22
14/08/24 07:00	1	16	17	1	16.0	72	2.7	13	18
14/08/24 07:05	1	17	18	1	16.0	72	2.2	18	21
14/08/24 07:10	2	18	20	1	15.9	72	2.7	29	15
14/08/24 07:15	2	21	23	1	15.9	72	3.1	29	18
14/08/24 07:20	3	22	25	1	15.9	72	2.9	30	17
14/08/24 07:25	3	23	26	1	15.8	72	2.9	27	15
14/08/24 07:30	3	23	26	1	16.0	72	3.1	27	13
14/08/24 07:35	3	22	26	1	16.0	72	2.9	18	19
14/08/24 07:40	4	23	27	1	16.0	72	2.6	24	21
14/08/24 07:45	5	23	28	1	16.0	72	2.7	23	19
14/08/24 07:50	6	23	29	1	16.1	72	2.7	23	18
14/08/24 07:55	8	23	31	1	16.0	73	1.5	19	27
14/08/24 08:00	11	24	35	1	16.1	73	2.3	24	20
14/08/24 08:05	12	24	36	1	16.1	73	2.5	25	17
14/08/24 08:10	13	23	36	1	16.2	72	2.6	22	17
14/08/24 08:15	13	23	36	1	16.5	71	2.5	13	22
14/08/24 08:20	12	22	33	1	16.9	69	2.2	17	31
14/08/24 08:25	11	19	29	1	17.0	69	3.2	18	19
14/08/24 08:30	10	17	28	1	17.1	69	3.1	17	18
14/08/24 08:35	10	18	28	1	17.3	68	2.6	19	23
14/08/24 08:40	9	17	27	1	17.5	67	4.0	19	18
14/08/24 08:45	8	17	25	1	17.6	67	4.0	14	21
14/08/24 08:50	8	15	23	1	17.6	68	2.7	6	24
14/08/24 08:55	7	16	23	1	17.5	68	2.5	2	24
14/08/24 09:00	6	17	23	1	17.4	69	2.8	14	24
14/08/24 09:05	6	18	23	1	17.3	70	2.6	21	19
14/08/24 09:10	6	18	24	1	17.3	70	3.0	15	18
14/08/24 09:15	6	18	24	1	17.3	70	2.5	17	20
14/08/24 09:20	6	18	24	1	17.4	70	2.8	10	21
14/08/24 09:25	6	19	25	1	17.5	70	1.8	8	27
14/08/24 09:30	7	19	26	1	17.4	70	1.5	7	33
14/08/24 09:35	8	19	27	1	17.6	70	1.9	18	24
14/08/24 09:40	8	19	27	1	17.6	70	2.1	10	24
14/08/24 09:45	8	19	28	1	17.7	70	2.3	27	19
14/08/24 09:50	8	19	27	1	17.7	70	2.0	19	30
14/08/24 09:55	8	19	27	1	17.7	70	2.1	15	30
14/08/24 10:00	8	19	27	1	17.8	70	2.7	23	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/08/24 10:05	8	19	27	1	17.8	70	3.0	25	16
14/08/24 10:10	7	18	25	1	17.7	70	3.2	21	14
14/08/24 10:15	7	17	24	1	17.8	70	3.3	11	17
14/08/24 10:20	7	17	24	1	17.9	70	2.4	12	20
14/08/24 10:25	7	16	23	1	18.1	69	2.5	12	22
14/08/24 10:30	7	16	23	1	18.1	69	2.7	7	22
14/08/24 10:35	7	16	23	1	18.2	69	2.8	21	19
14/08/24 10:40	7	15	22	1	18.3	69	2.4	21	20
14/08/24 10:45	7	15	22	1	18.4	68	3.5	20	20
14/08/24 10:50	7	15	22	1	18.6	68	2.8	8	19
14/08/24 10:55	7	14	20	1	18.8	66	3.5	9	21
14/08/24 11:00	7	13	20	1	19.2	65	3.0	8	22
14/08/24 11:05	7	12	19	1	19.6	64	3.3	10	20
14/08/24 11:10	7	11	18	1	19.8	63	2.9	5	24
14/08/24 11:15	7	11	18	1	19.9	62	3.3	19	20
14/08/24 11:20	7	11	18	0	20.2	62	3.4	21	18
14/08/24 11:25	7	11	17	0	20.2	61	3.3	27	16
14/08/24 11:30	6	11	17	1	20.0	61	2.4	7	25
14/08/24 11:35	6	11	17	1	20.3	61	2.7	21	21
14/08/24 11:40	6	11	17	1	20.4	60	2.4	17	24
14/08/24 11:45	6	11	17	1	20.6	59	2.8	10	25
14/08/24 11:50	6	11	16	0	20.9	57	3.6	13	17
14/08/24 11:55	5	10	15	0	20.9	56	2.6	360	26
14/08/24 12:00	5	9	14	0	20.9	56	2.4	3	30
14/08/24 12:05	4	9	14	1	21.0	56	2.5	16	26
14/08/24 12:10	4	9	14	1	21.1	55	2.6	8	26
14/08/24 12:15	4	9	13	1	21.2	55	3.4	14	20
14/08/24 12:20	4	9	12	1	21.2	54	3.1	4	28
14/08/24 12:25	4	8	12	1	21.1	53	2.4	332	30
14/08/24 12:30	4	8	12	1	21.4	53	2.7	345	36
14/08/24 12:35	4	8	12	1	21.5	55	3.2	14	25
14/08/24 12:40	4	9	13	1	21.7	55	2.9	26	21
14/08/24 12:45	4	8	12	1	21.5	55	3.8	28	16
14/08/24 12:50	4	8	12	1	21.7	55	3.3	12	19
14/08/24 12:55	4	8	12	0	21.6	55	3.3	8	21
14/08/24 13:00	4	9	12	0	21.5	55	1.7	2	38
14/08/24 13:05	4	9	13	0	21.5	55	2.2	14	24
14/08/24 13:10	5	10	15	1	21.5	54	2.3	3	31
14/08/24 13:15	5	11	15	1	21.5	54	1.9	2	38
14/08/24 13:20	5	12	16	1	21.3	56	3.0	28	18
14/08/24 13:25	5	12	17	1	21.2	57	3.1	16	21
14/08/24 13:30	5	12	17	1	21.0	56	2.6	17	22
14/08/24 13:35	5	12	17	1	21.1	56	3.1	23	17
14/08/24 13:40	5	13	18	1	21.2	55	2.5	16	20
14/08/24 13:45	5	13	18	1	21.3	53	2.8	13	21
14/08/24 13:50	5	13	18	1	21.6	52	2.4	16	23
14/08/24 13:55	5	12	17	1	21.6	52	3.6	20	19
14/08/24 14:00	5	11	16	1	21.7	52	3.8	23	15
14/08/24 14:05	5	11	16	1	21.7	53	2.9	10	20
14/08/24 14:10	5	10	15	1	22.0	52	3.1	19	22
14/08/24 14:15	5	10	15	1	22.1	52	3.9	21	18
14/08/24 14:20	5	10	15	1	22.1	52	2.9	9	21
14/08/24 14:25	5	10	15	0	22.3	51	3.1	11	25
14/08/24 14:30	5	10	15	0	22.3	51	3.4	17	24
14/08/24 14:35	5	10	15	0	22.0	52	4.0	19	19
14/08/24 14:40	5	10	15	0	21.9	52	3.3	23	19
14/08/24 14:45	5	10	16	1	22.2	50	3.8	25	18
14/08/24 14:50	5	10	15	0	22.4	50	3.4	22	19
14/08/24 14:55	5	10	15	0	22.6	49	4.4	19	21
14/08/24 15:00	5	10	15	1	22.6	49	3.7	18	16
14/08/24 15:05	4	10	14	1	22.4	49	3.1	29	26
14/08/24 15:10	4	10	14	1	22.4	49	3.1	27	24
14/08/24 15:15	4	10	14	1	22.6	48	3.7	24	18
14/08/24 15:20	4	10	14	0	22.6	49	3.7	28	18
14/08/24 15:25	4	10	14	1	22.8	48	3.3	12	19
14/08/24 15:30	4	10	14	1	22.9	46	2.8	20	26
14/08/24 15:35	4	10	14	0	23.0	47	3.5	8	20
14/08/24 15:40	4	10	14	0	22.8	48	3.6	28	24
14/08/24 15:45	4	10	14	1	22.6	49	3.2	27	22
14/08/24 15:50	4	10	14	1	22.7	49	4.7	24	20
14/08/24 15:55	4	10	14	1	22.5	49	3.0	16	22
14/08/24 16:00	4	10	14	0	22.4	49	3.9	16	18
14/08/24 16:05	4	10	14	1	22.4	49	4.3	26	18
14/08/24 16:10	4	10	13	1	22.4	49	4.5	26	15
14/08/24 16:15	3	10	13	1	22.4	48	3.4	27	20
14/08/24 16:20	4	10	13	1	22.4	48	3.2	21	22
14/08/24 16:25	4	10	14	1	22.3	49	3.7	28	17
14/08/24 16:30	4	11	14	1	22.1	50	2.9	6	19
14/08/24 16:35	4	11	15	0	22.1	50	3.2	10	18
14/08/24 16:40	4	12	16	1	22.1	50	3.1	14	23
14/08/24 16:45	4	12	16	0	22.1	49	3.1	20	22
14/08/24 16:50	3	12	15	0	21.9	49	2.5	13	26
14/08/24 16:55	3	12	15	0	21.8	50	3.0	19	19
14/08/24 17:00	3	12	15	0	21.6	50	3.1	20	19

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/08/24 17:05	3	12	15	0	21.5	50	3.8	7	21
14/08/24 17:10	2	11	13	0	21.4	50	3.3	15	26
14/08/24 17:15	2	11	13	0	21.2	50	3.9	10	18
14/08/24 17:20	2	11	12	0	21.1	51	2.7	15	29
14/08/24 17:25	2	11	13	0	21.0	52	3.4	26	19
14/08/24 17:30	2	11	13	0	20.8	52	2.8	24	23
14/08/24 17:35	1	12	13	0	20.7	53	2.5	14	25
14/08/24 17:40	1	12	13	0	20.4	54	2.5	18	23
14/08/24 17:45	1	12	13	1	20.4	54	2.9	24	18
14/08/24 17:50	1	12	14	0	20.2	55	3.3	14	22
14/08/24 17:55	1	12	13	0	20.1	56	2.7	10	20
14/08/24 18:00	1	13	14	0	20.0	58	3.1	23	20
14/08/24 18:05	1	13	14	0	19.7	60	2.9	17	22
14/08/24 18:10	1	13	14	0	19.5	61	3.5	14	20
14/08/24 18:15	1	13	14	0	19.5	61	3.9	21	16
14/08/24 18:20	1	12	13	0	19.4	62	3.2	15	17
14/08/24 18:25	1	12	13	0	19.3	62	3.0	16	22
14/08/24 18:30	1	12	13	0	19.2	63	2.6	11	23
14/08/24 18:35	1	13	14	1	19.1	64	3.3	17	19
14/08/24 18:40	1	13	14	0	18.9	64	3.2	14	16
14/08/24 18:45	1	13	15	0	18.9	65	2.9	14	22
14/08/24 18:50	1	14	15	0	18.7	66	3.0	5	22
14/08/24 18:55	1	13	14	0	18.6	66	2.9	17	20
14/08/24 19:00	1	13	14	0	18.5	67	2.7	11	21
14/08/24 19:05	1	13	14	0	18.4	67	3.1	17	22
14/08/24 19:10	1	13	14	0	18.3	67	3.5	18	19
14/08/24 19:15	1	13	13	0	18.3	68	3.3	9	20
14/08/24 19:20	1	12	13	0	18.3	68	3.6	12	17
14/08/24 19:25	1	12	13	0	18.2	68	3.3	13	19
14/08/24 19:30	1	12	12	0	18.2	68	3.7	20	13
14/08/24 19:35	1	11	12	0	18.1	69	3.4	24	18
14/08/24 19:40	1	11	11	0	18.0	69	3.5	20	21
14/08/24 19:45	1	10	11	1	18.0	70	2.9	18	19
14/08/24 19:50	1	10	11	0	17.8	70	3.0	25	21
14/08/24 19:55	0	10	10	0	17.8	70	2.9	26	19
14/08/24 20:00	0	10	10	0	17.7	70	4.0	25	15
14/08/24 20:05	0	10	10	1	17.7	70	5.2	29	12
14/08/24 20:10	1	9	10	0	17.8	71	4.4	23	16
14/08/24 20:15	0	9	10	0	17.7	71	4.3	26	17
14/08/24 20:20	1	9	10	0	17.7	71	4.3	25	21
14/08/24 20:25	1	9	10	0	17.7	71	3.7	26	18
14/08/24 20:30	0	9	9	0	17.6	71	4.6	26	15
14/08/24 20:35	0	9	9	0	17.5	71	3.3	23	19
14/08/24 20:40	0	9	9	0	17.5	72	4.2	21	15
14/08/24 20:45	0	9	9	0	17.5	73	1.7	358	38
14/08/24 20:50	0	9	9	0	17.3	74	2.2	6	24
14/08/24 20:55	1	9	9	0	17.2	74	3.1	18	17
14/08/24 21:00	1	9	10	0	17.1	75	1.9	10	29
14/08/24 21:05	0	9	10	0	17.1	76	2.9	15	25
14/08/24 21:10	1	9	10	0	17.0	76	1.9	9	24
14/08/24 21:15	1	9	10	0	17.0	77	2.6	26	18
14/08/24 21:20	0	10	10	0	16.9	77	2.9	29	21
14/08/24 21:25	0	10	10	0	16.9	77	2.6	29	15
14/08/24 21:30	0	11	11	0	16.9	77	2.7	27	16
14/08/24 21:35	0	11	11	0	16.9	77	3.0	30	16
14/08/24 21:40	0	11	11	0	17.0	77	2.4	23	22
14/08/24 21:45	0	11	11	0	17.0	77	2.5	21	22
14/08/24 21:50	0	11	11	0	17.0	77	2.3	19	18
14/08/24 21:55	0	11	11	0	17.0	77	2.9	26	21
14/08/24 22:00	0	11	11	1	16.9	77	2.5	25	17
14/08/24 22:05	0	11	11	1	16.8	78	2.6	27	20
14/08/24 22:10	0	11	11	1	16.8	77	2.1	23	22
14/08/24 22:15	0	11	11	1	16.8	78	2.5	24	22
14/08/24 22:20	0	11	11	1	16.7	78	3.1	34	15
14/08/24 22:25	1	10	11	1	16.7	79	3.2	30	16
14/08/24 22:30	0	10	11	1	16.7	79	3.3	26	18
14/08/24 22:35	1	10	10	1	16.6	79	2.3	9	25
14/08/24 22:40	0	10	10	1	16.6	79	2.5	20	20
14/08/24 22:45	1	10	10	1	16.5	80	2.4	18	19
14/08/24 22:50	0	10	10	1	16.5	80	2.5	17	24
14/08/24 22:55	0	10	10	0	16.4	80	2.1	12	23
14/08/24 23:00	0	10	10	1	16.4	81	2.3	11	23
14/08/24 23:05	0	10	10	1	16.3	81	2.5	12	17
14/08/24 23:10	0	10	10	0	16.3	81	2.2	17	20
14/08/24 23:15	0	10	10	0	16.2	81	2.1	357	25
14/08/24 23:20	0	10	10	0	16.1	81	1.9	358	22
14/08/24 23:25	0	10	10	0	16.1	81	1.4	10	28
14/08/24 23:30	0	10	11	0	16.0	81	2.4	31	15
14/08/24 23:35	0	10	11	0	16.0	81	1.8	34	19
14/08/24 23:40	0	10	11	0	15.9	81	2.5	27	15
14/08/24 23:45	1	10	11	0	15.9	81	3.3	30	11
14/08/24 23:50	1	10	10		16.0	80	2.8	28	18
14/08/24 23:55	0	9	10		16.1	79	2.7	18	20
15/08/24 00:00	0	9	9	0	16.1	78	3.1	25	15

Station Pier Ambient Air Quality Monitoring

August 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/08/24 00:05	0	8	9	2	16.2	78	2.2	21	19
15/08/24 00:10	0	8	9	1	16.1	77	2.9	24	17
15/08/24 00:15	1	8	8	1	16.2	76	3.1	22	16
15/08/24 00:20	1	7	8	1	16.3	76	3.2	23	16
15/08/24 00:25	1	7	8	1	16.3	76	3.2	22	16
15/08/24 00:30	1	7	8	1	16.4	76	3.0	16	21
15/08/24 00:35	1	7	8	1	16.5	76	2.7	23	14
15/08/24 00:40	1	7	8	2	16.3	76	2.7	17	20
15/08/24 00:45	1	7	8	2	16.3	77	3.4	28	18
15/08/24 00:50	1	7	7	2	16.2	78	3.2	22	17
15/08/24 00:55	1	7	7	2	16.1	78	2.9	20	18
15/08/24 01:00	1	7	7	2	16.1	78	3.2	25	15
15/08/24 01:05					16.2	78	2.8	25	22
15/08/24 01:10					16.1	78	2.5	22	18
15/08/24 01:15					16.1	79	2.6	22	17
15/08/24 01:20					16.2	79	3.1	24	18
15/08/24 01:25					16.1	79	2.7	17	23
15/08/24 01:30					16.1	79	2.6	9	19
15/08/24 01:35					16.1	79	2.5	18	19
15/08/24 01:40					16.0	80	2.2	25	17
15/08/24 01:45					16.0	80	2.5	15	21
15/08/24 01:50					16.1	80	2.6	8	22
15/08/24 01:55					16.0	80	2.8	360	19
15/08/24 02:00					16.0	80	2.2	1	21
15/08/24 02:05	0	6	7	2	16.0	81	1.6	359	30
15/08/24 02:10	0	6	7	2	15.9	81	1.8	2	33
15/08/24 02:15	0	6	6	2	15.8	82	1.6	6	25
15/08/24 02:20	0	6	6	2	15.8	82	1.7	21	27
15/08/24 02:25	0	6	6	2	15.8	82	1.7	23	16
15/08/24 02:30	0	6	6	2	15.9	82	1.9	16	21
15/08/24 02:35	0	6	6	2	15.9	82	1.9	24	21
15/08/24 02:40	0	6	6	2	15.9	81	2.1	23	16
15/08/24 02:45	0	6	6	2	15.9	81	2.5	24	19
15/08/24 02:50	0	6	6	2	15.9	80	2.2	10	21
15/08/24 02:55	0	6	6	2	15.9	80	3.3	12	21
15/08/24 03:00	0	5	5	2	16.0	79	2.7	19	21
15/08/24 03:05	0	5	5	2	16.0	79	2.9	20	19
15/08/24 03:10	0	5	5	2	16.0	79	2.6	16	19
15/08/24 03:15	0	5	5	2	16.0	79	2.8	16	27
15/08/24 03:20	0	5	5	2	16.0	79	3.3	18	16
15/08/24 03:25	0	4	5	2	16.0	79	3.0	19	23
15/08/24 03:30	0	4	5	2	16.0	79	3.1	17	20
15/08/24 03:35	0	4	5	2	16.0	79	2.2	14	28
15/08/24 03:40	0	4	4	2	15.9	79	2.1	15	22
15/08/24 03:45	0	4	4	2	15.9	78	2.9	19	23
15/08/24 03:50	0	4	5	2	16.0	78	3.0	21	23
15/08/24 03:55	0	4	5	2	16.0	77	3.5	21	18
15/08/24 04:00	0	4	5	2	16.0	77	3.2	13	18
15/08/24 04:05	0	4	5	2	16.0	78	2.0	24	23
15/08/24 04:10	0	5	5	2	15.9	78	3.0	20	19
15/08/24 04:15	0	5	5	2	16.0	78	2.9	16	18
15/08/24 04:20	0	5	5	2	16.0	78	3.0	5	25
15/08/24 04:25	0	5	5	2	15.8	78	2.8	17	21
15/08/24 04:30	0	5	5	2	15.8	78	2.6	24	17
15/08/24 04:35	0	5	6	2	15.8	78	2.8	28	16
15/08/24 04:40	0	5	6	2	15.8	78	3.6	28	16
15/08/24 04:45	0	5	6	2	15.6	78	3.1	27	19
15/08/24 04:50	0	5	6	2	15.7	78	3.5	34	14
15/08/24 04:55	1	5	6	2	15.8	78	3.8	31	14
15/08/24 05:00	0	5	6	2	15.6	78	3.4	32	15
15/08/24 05:05	0	5	5	2	15.7	78	3.9	30	17
15/08/24 05:10	0	5	5	2	15.6	78	3.1	25	24
15/08/24 05:15	0	5	5	2	15.6	78	3.5	23	16
15/08/24 05:20	0	5	6	2	15.5	78	3.1	17	16
15/08/24 05:25	0	5	6	2	15.6	78	3.7	24	17
15/08/24 05:30	0	5	6	2	15.4	77	3.4	22	19
15/08/24 05:35	0	5	6	2	15.5	77	3.9	17	17
15/08/24 05:40	0	5	6	2	15.6	76	3.2	11	24
15/08/24 05:45	0	6	6	2	15.6	76	2.6	15	28
15/08/24 05:50	0	6	6	2	15.5	75	3.4	16	19
15/08/24 05:55	0	6	6	2	15.5	74	2.9	15	22
15/08/24 06:00	0	6	6	2	15.6	74	3.6	9	18
15/08/24 06:05	0	6	6	2	15.7	74	2.5	359	26
15/08/24 06:10	0	7	7	1	15.7	73	3.1	7	18
15/08/24 06:15	0	7	7	2	15.6	73	2.7	16	20
15/08/24 06:20	0	7	8	2	15.6	74	2.9	359	27
15/08/24 06:25	0	8	8	2	15.5	74	2.4	3	23
15/08/24 06:30	0	8	9	2	15.5	74	3.1	12	15
15/08/24 06:35	0	9	10	2	15.5	74	3.1	21	21
15/08/24 06:40	0	10	10	2	15.5	74	3.2	9	20
15/08/24 06:45	0	11	11	2	15.5	74	2.9	2	18
15/08/24 06:50	1	12	12	2	15.4	74	3.0	14	19
15/08/24 06:55	1	13	13	1	15.4	75	2.2	14	26
15/08/24 07:00	1	14	14	2	15.3	75	2.1	6	24

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/08/24 07:05	1	15	15	2	15.3	75	1.6	2	27
15/08/24 07:10	1	15	16	1	15.2	76	0.9	18	40
15/08/24 07:15	1	17	18	1	15.2	76	2.1	26	18
15/08/24 07:20	2	18	19	1	15.2	76	1.7	22	21
15/08/24 07:25	2	18	21	1	15.1	76	2.4	31	14
15/08/24 07:30	3	19	22	1	15.2	76	3.4	28	14
15/08/24 07:35	3	19	23	1	15.3	76	2.9	34	12
15/08/24 07:40	4	19	23	1	15.2	77	4.0	31	12
15/08/24 07:45	4	19	23	2	15.3	76	3.4	29	15
15/08/24 07:50	4	18	23	1	15.4	76	2.9	25	17
15/08/24 07:55	5	18	23	2	15.4	76	2.4	18	17
15/08/24 08:00	5	18	23	1	15.4	75	3.1	23	16
15/08/24 08:05	5	17	22	2	15.4	75	2.9	28	19
15/08/24 08:10	5	17	22	2	15.4	74	2.7	7	24
15/08/24 08:15	5	17	21	2	15.6	74	3.0	17	18
15/08/24 08:20	5	16	21	2	15.7	72	3.4	21	20
15/08/24 08:25	5	16	20	2	15.8	72	3.6	26	16
15/08/24 08:30	5	15	20	2	15.7	72	3.2	16	18
15/08/24 08:35	5	15	20	2	15.6	73	2.9	17	21
15/08/24 08:40	5	15	20	2	15.7	73	2.8	20	23
15/08/24 08:45	5	14	19	2	16.1	71	3.3	26	21
15/08/24 08:50	5	14	19	2	16.2	70	4.1	20	17
15/08/24 08:55	5	13	18	2	16.4	70	3.0	19	21
15/08/24 09:00	6	13	18	2	16.6	69	3.3	19	16
15/08/24 09:05	6	13	19	2	16.7	69	3.4	24	14
15/08/24 09:10	6	12	18	2	16.8	68	3.5	20	20
15/08/24 09:15	6	12	18	2	16.8	69	3.6	20	17
15/08/24 09:20	6	12	18	2	16.8	68	4.3	27	13
15/08/24 09:25	6	12	17	2	16.9	68	3.3	26	17
15/08/24 09:30	6	11	17	2	17.1	67	3.1	23	19
15/08/24 09:35	6	11	17	2	17.4	67	2.9	22	17
15/08/24 09:40	6	11	17	2	17.6	66	3.1	24	20
15/08/24 09:45	6	11	17	2	17.7	65	4.4	31	13
15/08/24 09:50	6	11	17	2	17.7	65	3.8	30	15
15/08/24 09:55	7	11	18	2	17.8	64	3.7	24	17
15/08/24 10:00	7	11	18	2	18.0	64	3.5	25	14
15/08/24 10:05	6	9	16	2	18.1	63	2.8	16	19
15/08/24 10:10	6	10	16	2	18.2	63	3.5	33	17
15/08/24 10:15	6	10	15	2	18.1	63	3.5	27	17
15/08/24 10:20	6	10	16	2	18.2	63	4.1	26	16
15/08/24 10:25	6	10	16	2	18.3	62	3.9	31	15
15/08/24 10:30	6	11	17	2	18.6	62	2.9	22	25
15/08/24 10:35	6	11	17	2	19.0	60	3.6	26	18
15/08/24 10:40	6	11	17	2	18.9	59	4.0	31	14
15/08/24 10:45	6	11	17	2	18.8	60	2.8	35	16
15/08/24 10:50	6	11	16	2	19.0	59	2.8	29	19
15/08/24 10:55	5	11	16	2	19.2	59	2.1	22	27
15/08/24 11:00	5	11	16	2	19.4	59	2.3	36	21
15/08/24 11:05	5	11	16	2	19.4	58	3.0	32	13
15/08/24 11:10	5	11	15	2	19.4	58	3.5	35	16
15/08/24 11:15	4	10	15	2	19.5	58	3.4	34	15
15/08/24 11:20	4	10	14	2	19.5	58	4.1	30	14
15/08/24 11:25	4	10	14	2	19.6	58	2.9	35	17
15/08/24 11:30	4	10	14	2	19.7	58	3.1	33	20
15/08/24 11:35	4	10	14	2	19.8	58	3.2	40	15
15/08/24 11:40	4	10	14	2	20.1	57	3.5	41	13
15/08/24 11:45	4	10	14	2	20.5	55	2.9	30	20
15/08/24 11:50	4	10	14	2	20.7	54	3.6	32	14
15/08/24 11:55	4	10	14	2	20.6	54	3.9	31	18
15/08/24 12:00	4	10	14	2	20.7	54	3.7	31	16
15/08/24 12:05	4	10	14	2	20.7	54	3.6	36	15
15/08/24 12:10	4	10	14	2	20.7	54	2.6	19	25
15/08/24 12:15	5	11	16	2	20.8	54	2.5	29	20
15/08/24 12:20	5	11	16	2	20.8	54	2.1	14	24
15/08/24 12:25	4	11	15	2	20.8	53	2.6	26	18
15/08/24 12:30	4	11	15	2	20.8	54	3.9	29	14
15/08/24 12:35	4	11	15	2	20.6	54	2.9	27	20
15/08/24 12:40	4	11	15	2	20.7	54	2.6	23	19
15/08/24 12:45	4	13	17	2	20.9	54	1.9	26	23
15/08/24 12:50	4	13	17	2	20.9	53	2.2	13	22
15/08/24 12:55	4	13	17	2	21.1	53	2.1	27	23
15/08/24 13:00	4	13	18	2	21.1	52	2.6	16	22
15/08/24 13:05	4	14	18	2	21.1	52	2.5	19	19
15/08/24 13:10	4	14	18	2	21.2	53	2.7	27	14
15/08/24 13:15	4	13	17	2	21.1	53	2.6	26	14
15/08/24 13:20	4	13	17	2	21.1	53	3.1	30	11
15/08/24 13:25	4	13	17	2	21.1	53	2.2	16	26
15/08/24 13:30	5	14	19	2	21.4	52	1.7	15	26
15/08/24 13:35	5	14	19	2	21.5	51	2.5	11	24
15/08/24 13:40	5	14	19	2	21.5	50	2.9	9	22
15/08/24 13:45	4	14	18	2	21.6	50	2.8	7	24
15/08/24 13:50	5	14	18	2	21.4	52	3.5	37	12
15/08/24 13:55	4	13	18	2	21.2	54	2.6	33	19
15/08/24 14:00	4	13	17	2	21.1	54	2.6	29	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/08/24 14:05	4	14	18	2	21.0	55	3.4	33	12
15/08/24 14:10	4	14	18	2	20.9	55	2.6	32	16
15/08/24 14:15	4	14	18	2	20.8	56	3.0	39	17
15/08/24 14:20	4	14	17	2	20.7	56	2.9	40	17
15/08/24 14:25	4	14	18	2	20.8	57	2.2	38	18
15/08/24 14:30	5	18	23	2	20.7	57	2.4	39	15
15/08/24 14:35	7	18	24	2	20.6	57	3.7	34	18
15/08/24 14:40	3	12	15	2	20.5	58	3.5	34	13
15/08/24 14:45	2	12	13	2	20.3	58	4.4	31	15
15/08/24 14:50	2	11	12	2	20.3	59	2.3	27	16
15/08/24 14:55	2	12	14	2	20.3	58	3.1	32	15
15/08/24 15:00	2	12	14	2	20.2	58	3.3	27	19
15/08/24 15:05	3	12	15	2	20.3	57	2.8	26	20
15/08/24 15:10	3	12	15	2	20.5	57	2.8	32	19
15/08/24 15:15	3	12	15	2	20.6	56	3.3	27	20
15/08/24 15:20	4	12	16	2	20.8	55	2.9	33	22
15/08/24 15:25	4	12	16	2	20.9	55	2.2	33	18
15/08/24 15:30	4	13	17	2	20.9	55	2.7	46	17
15/08/24 15:35	4	13	16	2	20.9	55	2.3	45	20
15/08/24 15:40	4	12	16	2	21.3	54	2.4	26	24
15/08/24 15:45	4	12	16	2	21.7	52	2.4	29	25
15/08/24 15:50	4	12	17	2	21.8	52	3.4	27	16
15/08/24 15:55	4	12	17	2	21.5	53	2.7	34	19
15/08/24 16:00	4	12	17	2	21.3	53	3.8	34	13
15/08/24 16:05	4	12	16	2	21.3	54	3.6	39	16
15/08/24 16:10	4	12	16	2	21.6	52	2.8	29	17
15/08/24 16:15	4	12	17	2	21.8	52	2.8	37	16
15/08/24 16:20	4	13	17	2	22.0	52	2.3	40	15
15/08/24 16:25	4	13	17	2	22.1	51	3.0	31	16
15/08/24 16:30	4	13	17	2	22.1	51	2.9	40	15
15/08/24 16:35	4	13	17	2	21.9	52	3.7	42	15
15/08/24 16:40	3	13	16	2	21.7	53	2.2	40	18
15/08/24 16:45	3	13	16	2	21.5	54	2.6	27	18
15/08/24 16:50	3	13	16	2	21.5	53	3.5	35	13
15/08/24 16:55	2	13	16	2	21.6	53	3.0	32	17
15/08/24 17:00	2	13	16	2	21.8	53	2.6	32	20
15/08/24 17:05	2	13	15	2	21.8	53	2.6	32	13
15/08/24 17:10	2	13	15	2	21.8	54	2.2	16	22
15/08/24 17:15	2	13	15	2	21.6	55	2.2	28	20
15/08/24 17:20	2	14	16	2	21.3	55	2.3	28	22
15/08/24 17:25	2	14	16	2	21.2	56	2.6	23	22
15/08/24 17:30	2	14	15	2	21.0	56	2.8	26	15
15/08/24 17:35	1	13	14	2	20.9	57	3.1	22	16
15/08/24 17:40	1	13	14	2	20.8	57	2.7	24	16
15/08/24 17:45	1	12	13	2	20.6	58	3.0	26	17
15/08/24 17:50	1	12	13	2	20.5	58	2.5	21	18
15/08/24 17:55	1	12	13	2	20.4	58	1.9	16	22
15/08/24 18:00	1	13	14	2	20.3	58	2.3	19	24
15/08/24 18:05	1	13	14	2	20.1	59	1.9	29	19
15/08/24 18:10	1	13	14	2	20.1	59	2.0	25	20
15/08/24 18:15	1	13	14	2	20.0	59	2.7	23	17
15/08/24 18:20	1	13	14	2	20.0	59	2.2	17	22
15/08/24 18:25	1	13	14	2	20.0	59	2.6	18	15
15/08/24 18:30	1	13	14	2	19.9	59	1.8	16	24
15/08/24 18:35	1	13	14	2	19.8	60	2.0	17	24
15/08/24 18:40	1	14	14	2	19.7	60	2.1	14	16
15/08/24 18:45	1	14	15	2	19.7	60	2.3	4	21
15/08/24 18:50	1	14	15	2	19.7	60	1.8	12	22
15/08/24 18:55	1	14	15	2	19.7	61	1.7	9	18
15/08/24 19:00	1	15	16	3	19.5	61	2.0	7	19
15/08/24 19:05	1	16	17	2	19.4	61	2.1	17	20
15/08/24 19:10	2	16	18	2	19.4	61	2.2	1	19
15/08/24 19:15	2	16	18	2	19.2	62	2.0	359	33
15/08/24 19:20	1	16	18	2	19.2	62	1.8	6	19
15/08/24 19:25	1	17	18	2	19.1	63	2.1	3	21
15/08/24 19:30	1	17	18	2	19.0	63	1.9	5	21
15/08/24 19:35	1	17	18	2	18.8	63	1.2	359	25
15/08/24 19:40	1	18	19	2	18.8	64	1.1	11	24
15/08/24 19:45	1	19	20	2	18.7	64	1.2	26	22
15/08/24 19:50	1	20	21	2	18.7	64	1.5	31	21
15/08/24 19:55	1	20	21	2	18.5	65	2.0	26	15
15/08/24 20:00	1	20	21	2	18.5	65	1.1	22	26
15/08/24 20:05	1	20	21	2	18.5	65	1.5	16	25
15/08/24 20:10	1	19	20	2	18.5	65	1.4	24	27
15/08/24 20:15	1	19	20	2	18.4	65	1.7	33	16
15/08/24 20:20	1	18	19	2	18.4	66	2.1	24	21
15/08/24 20:25	1	17	18	2	18.5	65	2.8	28	16
15/08/24 20:30	1	16	17	2	18.6	65	2.8	34	14
15/08/24 20:35	1	14	15	2	18.6	64	3.3	27	15
15/08/24 20:40	1	14	14	2	18.6	64	3.1	28	15
15/08/24 20:45	0	13	13	2	18.6	64	3.4	28	16
15/08/24 20:50	0	12	12	2	18.5	64	3.6	26	16
15/08/24 20:55	0	11	12	2	18.5	64	3.4	26	12
15/08/24 21:00	0	11	11	2	18.3	64	3.1	27	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/08/24 21:05	0	11	11	2	18.2	64	3.0	28	16
15/08/24 21:10	0	10	11	2	18.2	64	2.5	31	17
15/08/24 21:15	0	10	11	3	18.2	64	2.4	18	20
15/08/24 21:20	0	10	10	2	18.1	64	2.4	10	21
15/08/24 21:25	0	10	11	2	18.1	64	2.4	22	20
15/08/24 21:30	1	11	11	2	18.0	64	3.0	28	17
15/08/24 21:35	1	11	12	2	17.9	64	2.3	25	19
15/08/24 21:40	1	11	12	2	17.9	65	2.5	20	24
15/08/24 21:45	1	11	11	2	17.7	65	2.4	19	18
15/08/24 21:50	1	10	11	2	17.7	65	2.4	20	20
15/08/24 21:55	1	10	11	2	17.6	65	2.8	20	12
15/08/24 22:00	1	9	10	2	17.7	64	2.8	11	23
15/08/24 22:05	0	9	9	2	17.8	64	2.0	357	26
15/08/24 22:10	0	9	9	2	17.7	64	2.0	354	25
15/08/24 22:15	0	9	9	2	17.7	64	2.4	16	16
15/08/24 22:20	0	9	9	2	17.6	63	1.8	27	26
15/08/24 22:25	0	8	9	2	17.6	63	2.3	32	18
15/08/24 22:30	1	8	9	2	17.9	62	3.2	34	20
15/08/24 22:35	0	8	9	2	18.2	60	4.0	27	22
15/08/24 22:40	0	8	9	3	18.3	60	3.9	26	16
15/08/24 22:45	0	8	8	2	18.3	59	3.8	31	21
15/08/24 22:50	0	7	8	2	18.3	60	4.7	25	15
15/08/24 22:55	0	7	7	2	18.3	60	3.2	21	18
15/08/24 23:00	0	6	7	2	18.2	60	3.7	24	17
15/08/24 23:05	0	6	6	2	18.1	60	3.8	22	18
15/08/24 23:10	0	6	6	2	18.1	60	3.8	14	17
15/08/24 23:15	0	6	6	2	18.1	60	3.7	24	17
15/08/24 23:20	0	6	6	2	17.9	61	3.2	25	17
15/08/24 23:25	0	6	6	2	17.8	61	2.9	16	18
15/08/24 23:30	0	6	6	2	17.6	61	2.3	15	21
15/08/24 23:35	0	6	7	2	17.5	62	2.5	356	18
15/08/24 23:40	0	7	7	2	17.3	62	2.5	359	20
15/08/24 23:45	0	7	7	2	17.0	63	2.1	9	22
15/08/24 23:50	0	8	8		16.8	64	1.7	22	19
15/08/24 23:55	0	8	8		16.6	64	1.5	348	33
16/08/24 00:00	0	8	9	2	16.4	65	1.7	321	17
16/08/24 00:05	0	10	10	2	16.1	67	2.6	324	19
16/08/24 00:10	0	11	11	1	16.0	67	2.3	351	19
16/08/24 00:15	0	12	12	1	15.9	66	2.4	352	21
16/08/24 00:20	0	12	12	1	16.0	66	2.2	2	17
16/08/24 00:25	0	11	11	1	16.1	65	1.9	353	27
16/08/24 00:30	0	11	11	1	16.0	65	2.5	2	17
16/08/24 00:35	0	10	10	1	16.0	65	2.1	359	20
16/08/24 00:40	0	10	10	1	16.0	65	1.6	15	20
16/08/24 00:45	0	10	10	1	16.1	64	1.8	11	23
16/08/24 00:50	0	9	9	1	16.3	62	2.1	16	23
16/08/24 00:55	0	8	8	1	16.6	61	2.8	20	18
16/08/24 01:00	0	8	8	1	16.7	60	2.7	23	16
16/08/24 01:05					16.8	61	3.0	23	19
16/08/24 01:10					17.1	60	4.5	31	12
16/08/24 01:15					17.2	60	3.3	34	13
16/08/24 01:20					17.1	60	2.9	31	11
16/08/24 01:25					17.1	61	2.5	35	16
16/08/24 01:30					16.9	61	2.4	39	12
16/08/24 01:35					16.7	62	2.2	42	17
16/08/24 01:40					16.5	64	2.6	44	18
16/08/24 01:45					16.2	66	2.4	48	12
16/08/24 01:50					16.0	67	3.0	54	18
16/08/24 01:55					16.2	66	2.9	50	15
16/08/24 02:00					16.1	67	2.6	54	15
16/08/24 02:05	0	6	7	1	15.9	68	2.0	47	14
16/08/24 02:10	0	6	6	1	15.8	69	1.5	53	17
16/08/24 02:15	0	6	6	1	15.8	68	1.4	48	25
16/08/24 02:20	0	6	6	1	15.9	68	1.9	44	13
16/08/24 02:25	0	6	6	1	15.9	68	1.6	45	22
16/08/24 02:30	0	6	6	1	15.9	68	1.7	41	15
16/08/24 02:35	0	6	6	1	15.9	68	2.2	60	14
16/08/24 02:40	0	6	6	1	15.9	68	2.9	46	16
16/08/24 02:45	0	6	6	1	16.1	67	3.2	51	14
16/08/24 02:50	0	6	6	1	16.1	67	3.0	41	21
16/08/24 02:55	0	6	6	1	16.6	64	2.8	36	16
16/08/24 03:00	0	5	6	1	17.1	62	4.0	37	18
16/08/24 03:05	0	5	5	1	17.0	62	3.4	51	16
16/08/24 03:10	0	5	5	1	16.6	64	2.1	52	17
16/08/24 03:15	0	5	5	1	16.3	66	1.6	45	26
16/08/24 03:20	0	5	5	1	16.1	66	1.2	46	15
16/08/24 03:25	0	5	5	1	16.1	67	1.6	29	20
16/08/24 03:30	0	5	5	1	16.4	65	1.8	345	28
16/08/24 03:35	0	5	5	1	16.7	64	1.9	314	14
16/08/24 03:40	0	5	5	1	16.5	65	1.7	317	22
16/08/24 03:45	0	5	5	1	16.4	66	1.8	324	23
16/08/24 03:50	0	6	6	1	16.3	66	1.8	311	18
16/08/24 03:55	0	7	8	1	16.0	68	1.7	324	23
16/08/24 04:00	0	9	9	1	16.1	67	2.1	5	24

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/08/24 04:05	0	10	10	1	16.3	66	2.5	6	19
16/08/24 04:10	0	9	9	1	16.6	65	2.1	3	25
16/08/24 04:15	0	8	9	1	16.8	64	1.4	341	34
16/08/24 04:20	0	9	9	1	16.8	65	2.1	19	25
16/08/24 04:25	0	8	8	1	16.9	64	3.4	19	20
16/08/24 04:30	0	7	7	1	17.2	63	3.9	22	19
16/08/24 04:35	0	6	7	1	17.4	62	3.6	24	17
16/08/24 04:40	0	6	6	1	17.4	62	4.3	22	18
16/08/24 04:45	0	5	5	1	17.5	63	4.1	26	17
16/08/24 04:50	0	5	5	1	17.4	63	3.5	27	20
16/08/24 04:55	0	5	5	1	17.4	64	3.9	24	17
16/08/24 05:00	0	5	5	1	17.3	65	2.6	11	24
16/08/24 05:05	0	5	5	1	17.2	65	3.5	24	17
16/08/24 05:10	0	5	5	1	17.2	65	3.3	22	16
16/08/24 05:15	0	5	6	1	17.1	66	3.4	26	20
16/08/24 05:20	0	5	6	1	17.3	66	3.5	29	25
16/08/24 05:25	0	5	6	1	17.4	66	3.1	23	21
16/08/24 05:30	0	5	6	1	17.4	66	3.2	22	21
16/08/24 05:35	0	5	6	1	17.5	66	3.4	26	16
16/08/24 05:40	0	6	6	1	17.4	66	2.9	13	19
16/08/24 05:45	0	6	6	1	17.4	67	2.7	26	19
16/08/24 05:50	1	6	7	1	17.4	67	2.0	31	18
16/08/24 05:55	1	7	8	1	17.3	67	2.4	25	19
16/08/24 06:00	1	7	8	1	17.4	67	1.7	13	21
16/08/24 06:05	1	9	9	1	17.1	68	2.2	8	29
16/08/24 06:10	1	11	11	1	17.2	69	2.9	354	27
16/08/24 06:15	1	14	14	1	17.0	69	2.4	337	33
16/08/24 06:20	1	15	16	1	17.0	70	2.7	328	27
16/08/24 06:25	1	15	16	1	16.9	70	2.4	332	32
16/08/24 06:30	1	15	16	1	16.9	71	2.3	344	37
16/08/24 06:35	1	15	15	1	17.0	72	2.2	339	25
16/08/24 06:40	1	15	16	1	16.8	72	1.8	327	26
16/08/24 06:45	1	17	19	1	16.6	73	1.6	5	30
16/08/24 06:50	2	20	22	1	16.6	73	1.8	356	33
16/08/24 06:55	2	20	21	1	16.6	74	3.1	27	20
16/08/24 07:00	1	13	14	1	16.7	74	3.0	35	28
16/08/24 07:05	1	10	11	1	16.8	74	2.4	12	27
16/08/24 07:10	1	10	11	1	16.9	74	2.9	15	22
16/08/24 07:15	1	10	11	1	16.8	74	2.9	18	19
16/08/24 07:20	1	11	11	1	16.7	74	1.9	11	25
16/08/24 07:25	1	12	12	1	16.7	74	2.4	359	27
16/08/24 07:30	1	12	13	1	16.7	75	3.6	16	15
16/08/24 07:35	1	13	14	1	16.7	75	2.3	29	23
16/08/24 07:40	1	14	15	1	16.6	76	3.8	23	17
16/08/24 07:45	1	13	15	1	16.6	76	3.9	33	16
16/08/24 07:50	1	13	14	1	16.6	77	3.5	28	18
16/08/24 07:55	1	12	14	1	16.6	77	5.4	14	14
16/08/24 08:00	1	12	13	1	16.6	77	6.2	17	17
16/08/24 08:05	1	11	12	1	16.7	77	4.3	8	24
16/08/24 08:10	1	11	12	1	16.7	77	4.9	9	17
16/08/24 08:15	2	10	12	1	16.7	77	3.8	6	25
16/08/24 08:20	1	10	12	1	16.8	77	4.3	5	18
16/08/24 08:25	1	10	11	1	16.8	77	3.9	358	26
16/08/24 08:30	1	10	11	1	16.8	77	4.4	2	21
16/08/24 08:35	1	9	11	1	16.8	77	4.4	5	23
16/08/24 08:40	1	9	11	1	16.8	77	3.7	6	24
16/08/24 08:45	1	9	11	1	16.7	77	3.8	5	20
16/08/24 08:50	1	10	11	1	16.7	77	3.4	9	22
16/08/24 08:55	1	10	12	1	16.7	77	3.7	7	21
16/08/24 09:00	1	10	12	1	16.8	77	3.5	356	27
16/08/24 09:05	1	10	12	1	16.8	76	3.3	8	24
16/08/24 09:10	2	11	13	1	16.8	77	2.7	352	27
16/08/24 09:15	2	12	14	1	16.8	77	3.0	2	28
16/08/24 09:20	2	13	15	1	16.9	76	3.2	3	19
16/08/24 09:25	2	13	15	1	17.0	75	2.3	2	24
16/08/24 09:30	2	13	16	1	17.0	74	2.7	343	26
16/08/24 09:35	3	13	16	1	17.2	73	2.5	331	35
16/08/24 09:40	2	12	15	1	17.3	72	2.3	348	36
16/08/24 09:45	3	12	14	1	17.2	73	3.3	6	30
16/08/24 09:50	2	11	14	1	17.0	74	3.5	348	26
16/08/24 09:55	2	11	13	1	16.8	74	3.0	354	28
16/08/24 10:00	2	10	12	1	16.6	75	3.5	338	26
16/08/24 10:05	2	10	12	1	16.6	75	4.2	335	26
16/08/24 10:10	2	10	12	1	16.6	76	3.1	344	29
16/08/24 10:15	2	9	11	1	16.5	76	3.4	346	34
16/08/24 10:20	3	9	12	1	16.5	76	3.3	352	26
16/08/24 10:25	3	9	12	1	16.5	76	2.8	338	27
16/08/24 10:30	3	9	12	1	16.4	76	2.6	341	32
16/08/24 10:35	3	9	12	1	16.4	76	2.6	359	33
16/08/24 10:40	3	9	13	1	16.5	75	3.3	6	29
16/08/24 10:45	3	9	13	1	16.5	75	3.4	4	20
16/08/24 10:50	4	9	13	1	16.5	75	3.2	4	25
16/08/24 10:55	3	10	13	1	16.5	76	2.9	9	23
16/08/24 11:00	3	10	14	1	16.4	76	3.3	1	28

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/08/24 11:05	4	11	15	1	16.4	76	2.8	6	25
16/08/24 11:10	5	11	16	1	16.5	76	3.1	6	24
16/08/24 11:15	5	11	16	1	16.4	75	3.0	8	25
16/08/24 11:20	5	11	15	1	16.6	75	3.8	4	23
16/08/24 11:25	5	10	15	1	16.7	75	3.6	17	22
16/08/24 11:30	5	10	15	1	16.7	74	3.2	20	17
16/08/24 11:35	5	10	15	1	16.8	74	3.1	13	23
16/08/24 11:40	5	10	14	1	16.8	73	3.5	9	26
16/08/24 11:45	5	9	14	1	16.9	73	4.0	23	19
16/08/24 11:50	5	9	14	1	16.8	73	4.4	26	16
16/08/24 11:55	5	9	14	1	16.8	74	4.1	31	15
16/08/24 12:00	5	9	14	1	16.8	74	3.7	23	19
16/08/24 12:05	5	9	14	1	16.7	74	4.9	29	15
16/08/24 12:10	5	9	14	1	16.6	74	5.0	32	13
16/08/24 12:15	5	9	14	1	16.6	74	4.5	28	14
16/08/24 12:20	5	9	14	1	16.7	73	4.9	33	12
16/08/24 12:25	5	9	13	1	16.9	73	4.5	31	18
16/08/24 12:30	5	8	13	1	16.9	72	5.1	30	15
16/08/24 12:35	4	8	13	1	17.1	71	4.0	29	22
16/08/24 12:40	5	8	13	1	17.2	70	4.1	29	12
16/08/24 12:45	4	9	13	1	17.3	68	4.1	15	18
16/08/24 12:50	4	9	13	1	17.3	67	2.6	21	23
16/08/24 12:55	4	10	14	1	17.4	66	3.6	18	18
16/08/24 13:00	4	10	13	1	17.3	65	4.0	29	14
16/08/24 13:05	3	10	13	1	17.2	66	4.3	28	15
16/08/24 13:10	3	10	13	1	17.1	66	3.9	29	18
16/08/24 13:15	3	10	12	1	17.1	66	3.7	29	21
16/08/24 13:20	2	10	12	1	17.1	66	3.5	24	16
16/08/24 13:25	2	10	12	1	16.9	67	3.4	18	21
16/08/24 13:30	2	10	13	1	17.0	67	3.0	359	23
16/08/24 13:35	2	11	13	1	16.9	67	2.5	0	29
16/08/24 13:40	3	12	14	1	17.0	66	2.9	22	22
16/08/24 13:45	3	12	15	1	17.0	65	2.6	5	26
16/08/24 13:50	3	13	16	1	17.0	65	2.1	355	35
16/08/24 13:55	3	14	18	1	17.0	65	3.0	357	29
16/08/24 14:00	3	15	18	1	17.0	65	1.8	335	36
16/08/24 14:05	4	16	20	1	17.1	64	1.7	356	30
16/08/24 14:10	4	18	23	1	17.1	65	1.8	335	32
16/08/24 14:15	5	22	27	1	17.1	64	1.4	339	39
16/08/24 14:20	5	20	25	1	17.0	64	1.8	317	31
16/08/24 14:25	4	10	14	1	16.9	64	2.0	337	32
16/08/24 14:30	3	11	14	0	17.0	64	2.2	340	32
16/08/24 14:35	3	11	14	0	17.1	64	3.0	333	24
16/08/24 14:40	2	12	15	1	17.0	65	2.3	322	29
16/08/24 14:45	2	13	15	1	16.9	64	3.1	334	29
16/08/24 14:50	2	11	13	0	16.9	63	2.9	345	29
16/08/24 14:55	2	10	11	1	16.8	61	3.0	330	28
16/08/24 15:00	1	9	10	1	16.8	61	2.6	334	36
16/08/24 15:05	1	9	10	1	16.9	60	3.6	313	21
16/08/24 15:10	1	9	11	1	16.9	58	4.6	308	13
16/08/24 15:15	1	10	11	1	16.8	59	3.1	323	27
16/08/24 15:20	1	10	12	1	16.8	59	3.5	326	21
16/08/24 15:25	2	10	12	1	16.8	60	2.7	318	34
16/08/24 15:30	2	10	11	1	16.8	61	2.3	332	27
16/08/24 15:35	2	10	11	1	16.8	61	2.3	332	32
16/08/24 15:40	1	9	11	1	16.9	60	2.0	328	36
16/08/24 15:45	1	9	10	1	16.7	60	3.1	321	27
16/08/24 15:50	1	9	10	1	16.8	61	2.7	325	29
16/08/24 15:55	1	9	10	1	16.8	61	2.8	341	35
16/08/24 16:00	1	9	10	1	16.9	61	1.7	333	33
16/08/24 16:05	2	9	10	1	17.1	60	1.8	346	36
16/08/24 16:10	2	9	11	1	17.2	59	1.4	326	42
16/08/24 16:15	2	10	11	1	17.4	59	1.8	359	38
16/08/24 16:20	2	9	11	1	17.3	59	2.7	336	37
16/08/24 16:25	1	9	10	1	17.2	59	2.2	323	37
16/08/24 16:30	1	8	9	1	17.0	59	2.5	310	16
16/08/24 16:35	1	8	9	1	17.0	59	2.9	332	32
16/08/24 16:40	1	8	9	1	16.9	59	2.7	339	30
16/08/24 16:45	1	7	8	1	16.9	59	2.8	327	25
16/08/24 16:50	1	7	8	0	16.8	59	2.8	333	28
16/08/24 16:55	1	8	8	0	16.8	59	2.6	337	29
16/08/24 17:00	1	8	9	0	16.7	60	3.1	331	27
16/08/24 17:05	1	9	9	0	16.7	60	2.2	327	37
16/08/24 17:10	1	9	10	1	16.7	60	2.6	335	29
16/08/24 17:15	1	9	10	1	16.7	60	2.5	320	28
16/08/24 17:20	1	9	10	1	16.6	60	2.1	316	18
16/08/24 17:25	1	10	11	1	16.6	61	1.0	321	32
16/08/24 17:30	1	11	12	1	16.5	60	2.0	330	31
16/08/24 17:35	1	12	12	1	16.6	60	2.0	5	26
16/08/24 17:40	1	12	13	1	16.5	61	1.7	348	38
16/08/24 17:45	1	12	13	1	16.3	61	1.8	336	27
16/08/24 17:50	1	12	13	1	16.3	62	2.1	337	30
16/08/24 17:55	1	12	13	1	16.3	63	1.9	9	26
16/08/24 18:00	1	13	13	1	16.2	64	2.4	9	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/08/24 18:05	1	13	13	1	16.1	65	2.7	8	26
16/08/24 18:10	0	12	12	0	16.1	66	3.2	7	19
16/08/24 18:15	0	12	12	0	16.0	66	2.7	2	20
16/08/24 18:20	0	12	12	1	16.0	67	2.2	1	29
16/08/24 18:25	0	12	13	1	15.9	68	2.9	2	26
16/08/24 18:30	0	13	13	0	15.8	68	2.2	5	27
16/08/24 18:35	1	13	13	1	15.8	68	3.0	10	18
16/08/24 18:40	1	13	14	0	15.9	68	3.3	11	22
16/08/24 18:45	1	13	14	0	15.8	68	2.3	360	22
16/08/24 18:50	1	14	14	0	15.8	68	2.8	6	23
16/08/24 18:55	1	14	15	0	15.8	68	3.1	5	22
16/08/24 19:00	1	14	15	0	15.8	68	2.7	4	24
16/08/24 19:05	1	14	15	0	15.8	68	2.2	4	22
16/08/24 19:10	1	14	15	0	15.8	68	2.1	2	27
16/08/24 19:15	1	14	15	0	15.7	68	2.5	2	23
16/08/24 19:20	1	14	15	0	15.7	68	2.3	359	29
16/08/24 19:25	1	14	15	0	15.7	68	1.9	352	31
16/08/24 19:30	1	14	14	1	15.6	68	2.5	352	27
16/08/24 19:35	1	13	14	0	15.6	68	2.6	5	25
16/08/24 19:40	1	13	13	1	15.7	68	2.1	6	27
16/08/24 19:45	1	13	13	0	15.6	68	1.6	348	32
16/08/24 19:50	1	12	13	0	15.7	68	2.4	340	26
16/08/24 19:55	0	12	13	0	15.6	68	2.7	357	27
16/08/24 20:00	0	12	12	0	15.5	69	2.0	351	29
16/08/24 20:05	0	12	12	0	15.6	69	2.2	350	26
16/08/24 20:10	0	12	12	0	15.5	70	2.1	356	31
16/08/24 20:15	0	12	12	0	15.5	70	1.3	339	36
16/08/24 20:20	0	12	12	0	15.4	70	2.0	346	33
16/08/24 20:25	0	12	12	0	15.4	70	1.7	342	36
16/08/24 20:30	0	11	12	0	15.4	71	3.1	356	17
16/08/24 20:35	0	11	11	0	15.4	71	2.6	351	30
16/08/24 20:40	0	11	11	0	15.2	72	2.7	356	26
16/08/24 20:45	0	11	11	0	15.3	72	3.0	360	21
16/08/24 20:50	0	11	11	0	15.2	73	3.4	357	21
16/08/24 20:55	0	10	11	0	15.0	75	2.6	1	31
16/08/24 21:00	0	10	10	0	14.8	78	2.9	7	19
16/08/24 21:05	0	10	10	0	14.4	80	3.0	5	19
16/08/24 21:10	0	9	9	0	14.2	80	2.7	5	24
16/08/24 21:15	0	9	9	0	13.9	81	1.3	4	33
16/08/24 21:20	0	9	9	0	13.7	82	1.3	0	31
16/08/24 21:25	0	8	9	0	13.5	83	1.1	355	28
16/08/24 21:30	0	8	9	1	13.5	82	1.3	358	26
16/08/24 21:35	0	9	9	1	13.5	82	1.0	357	31
16/08/24 21:40	0	10	10	0	13.5	80	2.9	353	21
16/08/24 21:45	0	12	12	1	13.5	79	2.7	0	24
16/08/24 21:50	1	12	12	1	13.3	79	3.0	15	18
16/08/24 21:55	0	10	10	0	13.1	79	2.1	8	26
16/08/24 22:00	0	9	10	0	13.0	79	2.2	16	22
16/08/24 22:05	0	10	10	0	13.0	79	2.1	14	29
16/08/24 22:10	0	10	10	0	12.9	78	2.3	5	21
16/08/24 22:15	0	9	10	1	12.9	78	1.6	7	30
16/08/24 22:20	0	9	9	1	12.9	79	2.3	20	21
16/08/24 22:25	1	9	10	1	12.9	79	2.4	11	25
16/08/24 22:30	1	10	11	0	12.9	80	2.7	9	20
16/08/24 22:35	1	11	12	1	12.9	81	2.0	16	26
16/08/24 22:40	0	12	12	0	12.8	82	1.7	17	25
16/08/24 22:45	0	12	12	0	12.8	82	2.0	20	22
16/08/24 22:50	0	12	12	0	12.8	82	2.0	356	30
16/08/24 22:55	1	12	13	0	12.7	82	2.4	7	21
16/08/24 23:00	1	12	13	0	13.0	83	2.8	7	21
16/08/24 23:05	1	12	13	0	13.0	82	2.5	11	19
16/08/24 23:10	1	12	13	1	13.1	82	2.6	10	16
16/08/24 23:15	1	12	13	1	13.1	82	2.1	9	24
16/08/24 23:20	0	12	12	1	13.1	82	2.6	9	16
16/08/24 23:25	0	12	12	1	13.1	82	2.0	10	26
16/08/24 23:30	1	12	12	1	13.0	82	2.0	5	29
16/08/24 23:35	0	11	12	0	12.9	83	1.8	6	31
16/08/24 23:40	0	11	12	1	12.9	82	2.0	10	19
16/08/24 23:45	0	11	11	1	13.0	82	2.4	10	22
16/08/24 23:50	0	11	11		13.0	82	2.4	5	18
16/08/24 23:55	0	11	11		13.0	82	1.9	4	25
17/08/24 00:00	0	11	11	1	13.0	82	2.1	9	25
17/08/24 00:05	0	10	11	2	13.1	81	2.8	13	24
17/08/24 00:10	0	10	10	1	13.1	81	2.6	6	29
17/08/24 00:15	0	10	10	1	13.1	81	2.2	3	22
17/08/24 00:20	0	10	10	1	13.1	81	2.5	2	21
17/08/24 00:25	0	10	11	1	13.2	80	2.0	359	27
17/08/24 00:30	0	11	12	1	13.2	80	2.1	350	28
17/08/24 00:35	0	12	12	1	13.2	80	1.8	360	25
17/08/24 00:40	0	12	13	1	13.2	79	1.7	331	30
17/08/24 00:45	0	12	12	1	13.3	78	2.0	327	29
17/08/24 00:50	0	11	12	0	13.4	78	1.6	348	32
17/08/24 00:55	0	11	12	1	13.2	78	1.7	347	33
17/08/24 01:00	0	11	12	1	13.2	78	2.1	354	24

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/08/24 01:05					13.3	77	1.5	344	36
17/08/24 01:10					13.2	77	1.2	341	40
17/08/24 01:15					13.2	77	1.7	337	34
17/08/24 01:20					13.1	77	1.4	337	38
17/08/24 01:25					13.2	76	2.1	330	35
17/08/24 01:30					13.4	75	1.6	347	31
17/08/24 01:35					13.4	75	1.8	359	22
17/08/24 01:40					13.2	76	1.9	4	25
17/08/24 01:45					13.2	76	1.8	15	26
17/08/24 01:50					13.2	76	1.4	2	27
17/08/24 01:55					13.1	77	1.7	9	19
17/08/24 02:00					13.0	77	1.2	2	29
17/08/24 02:05	0	8	8	0	12.9	78	1.5	358	33
17/08/24 02:10	0	8	8	1	12.8	78	1.4	356	29
17/08/24 02:15	0	8	8	1	12.8	78	1.2	351	45
17/08/24 02:20	0	8	8	0	12.7	78	1.2	351	34
17/08/24 02:25	0	8	8	1	12.7	78	1.4	360	31
17/08/24 02:30	0	8	8	0	12.6	78	1.4	4	31
17/08/24 02:35	0	8	8	0	12.6	78	1.8	360	21
17/08/24 02:40	0	9	9	0	12.6	79	1.5	356	27
17/08/24 02:45	0	9	9	0	12.6	78	1.9	3	21
17/08/24 02:50	0	9	9	0	12.5	79	1.5	8	28
17/08/24 02:55	0	9	9	0	12.5	79	2.1	6	20
17/08/24 03:00	0	8	8	1	12.5	78	1.3	3	30
17/08/24 03:05	0	7	7	1	12.6	78	1.9	4	21
17/08/24 03:10	0	7	7	1	12.6	78	1.8	3	24
17/08/24 03:15	0	7	7	1	12.7	78	2.1	3	18
17/08/24 03:20	0	6	7	1	12.6	77	2.3	4	19
17/08/24 03:25	0	6	6	1	12.7	77	1.9	3	22
17/08/24 03:30	0	6	6	1	12.6	78	2.1	3	22
17/08/24 03:35	0	5	5	1	12.5	78	1.5	344	35
17/08/24 03:40	0	5	5	1	12.4	79	1.3	352	34
17/08/24 03:45	0	5	6	0	12.3	79	1.7	356	31
17/08/24 03:50	0	5	6	0	12.2	80	1.9	347	31
17/08/24 03:55	0	5	6	0	12.2	80	1.7	356	23
17/08/24 04:00	0	5	5	1	12.2	80	1.8	354	31
17/08/24 04:05	0	5	5	1	12.1	80	1.7	353	25
17/08/24 04:10	0	6	6	1	12.1	81	1.6	3	26
17/08/24 04:15	0	6	6	0	12.0	81	1.6	1	27
17/08/24 04:20	0	7	7	0	12.0	81	1.3	6	35
17/08/24 04:25	0	8	8	1	11.9	81	1.5	7	28
17/08/24 04:30	0	8	8	1	11.8	81	2.1	1	24
17/08/24 04:35	0	8	8	0	11.9	80	1.8	2	22
17/08/24 04:40	0	7	7	0	11.9	80	1.8	358	24
17/08/24 04:45	0	7	7	0	11.8	80	2.0	2	27
17/08/24 04:50	0	7	7	1	11.9	80	2.0	354	21
17/08/24 04:55	0	6	6	1	11.9	80	1.6	359	29
17/08/24 05:00	0	6	6	1	11.9	81	1.5	1	27
17/08/24 05:05	0	6	6	0	11.8	80	1.5	355	30
17/08/24 05:10	0	6	7	0	11.9	80	1.3	332	43
17/08/24 05:15	0	7	8	0	11.9	80	1.4	348	39
17/08/24 05:20	0	8	9	0	11.9	80	1.5	331	29
17/08/24 05:25	0	9	9	0	11.9	80	1.4	335	30
17/08/24 05:30	0	9	10	1	12.0	80	1.7	334	23
17/08/24 05:35	0	9	10	0	11.9	80	1.2	325	28
17/08/24 05:40	0	10	10	0	12.0	80	1.2	351	35
17/08/24 05:45	0	10	10	0	11.9	80	1.2	345	36
17/08/24 05:50	0	10	10	0	11.9	80	1.6	3	24
17/08/24 05:55	0	11	11	0	11.9	80	1.3	3	33
17/08/24 06:00	0	11	11	0	11.9	80	1.3	357	29
17/08/24 06:05	1	11	11	0	11.9	79	1.9	3	26
17/08/24 06:10	0	9	10	1	11.9	79	1.5	359	24
17/08/24 06:15	0	8	8	1	12.0	78	1.5	354	24
17/08/24 06:20	0	8	8	1	12.0	78	1.7	352	25
17/08/24 06:25	0	7	8	1	11.9	78	1.7	359	28
17/08/24 06:30	0	8	8	1	11.9	79	2.4	8	20
17/08/24 06:35	0	8	8	1	11.9	79	1.3	360	32
17/08/24 06:40	0	8	9	1	12.0	79	1.4	1	28
17/08/24 06:45	0	9	9	1	11.9	79	2.0	1	24
17/08/24 06:50	0	9	10	1	12.0	80	1.7	4	24
17/08/24 06:55	0	9	10	0	11.9	80	1.9	0	25
17/08/24 07:00	0	10	10	0	12.0	80	1.7	1	19
17/08/24 07:05	0	10	10	0	11.9	80	1.5	9	26
17/08/24 07:10	0	11	11	1	11.9	80	1.6	19	25
17/08/24 07:15	0	11	11	1	11.9	80	1.9	5	19
17/08/24 07:20	0	11	11	1	12.0	80	1.5	10	31
17/08/24 07:25	0	11	11	1	12.0	80	1.9	6	22
17/08/24 07:30	0	11	11	1	12.0	80	1.5	6	23
17/08/24 07:35	0	10	11	1	12.0	80	2.2	9	18
17/08/24 07:40	0	10	11	1	12.0	80	1.3	337	27
17/08/24 07:45	1	10	11	1	12.0	80	1.0	4	43
17/08/24 07:50	1	10	11	0	12.0	80	2.1	13	23
17/08/24 07:55	1	10	11	1	12.0	81	2.0	24	16
17/08/24 08:00	1	11	12	0	11.9	81	2.7	33	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/08/24 08:05	1	11	12	1	11.9	83	2.3	33	15
17/08/24 08:10	1	11	12	1	11.8	84	1.5	11	20
17/08/24 08:15	1	12	13	0	11.8	83	1.8	12	17
17/08/24 08:20	2	12	14	0	11.9	83	1.4	19	25
17/08/24 08:25	2	13	15	0	12.0	83	1.7	29	18
17/08/24 08:30	2	13	15	0	12.1	82	2.0	13	20
17/08/24 08:35	3	13	16	1	12.1	81	1.6	13	19
17/08/24 08:40	4	14	18	1	12.3	80	2.0	16	24
17/08/24 08:45	4	15	19	0	12.5	79	1.9	12	24
17/08/24 08:50	5	15	20	0	12.6	77	1.9	14	30
17/08/24 08:55	5	15	20	0	12.7	76	2.7	23	18
17/08/24 09:00	4	15	20	1	12.6	76	2.8	27	17
17/08/24 09:05	4	15	19	1	12.4	77	1.7	6	29
17/08/24 09:10	4	15	18	1	12.4	78	2.0	17	17
17/08/24 09:15	4	14	18	1	12.3	79	1.9	17	22
17/08/24 09:20	3	14	17	1	12.2	81	1.5	11	27
17/08/24 09:25	3	14	17	1	12.1	83	1.9	12	22
17/08/24 09:30	3	14	17	1	12.0	84	2.0	9	19
17/08/24 09:35	3	13	16	1	12.0	83	1.4	360	33
17/08/24 09:40	3	13	16	1	12.1	83	1.6	2	23
17/08/24 09:45	3	13	16	1	12.2	83	1.5	353	24
17/08/24 09:50	3	13	16	1	12.1	82	1.2	356	28
17/08/24 09:55	3	13	16	1	12.2	83	1.4	332	24
17/08/24 10:00	4	14	18	1	12.2	83	1.7	329	18
17/08/24 10:05	4	15	20	1	12.3	84	1.1	325	30
17/08/24 10:10	5	16	21	1	12.2	83	1.1	327	27
17/08/24 10:15	5	16	21	1	12.3	83	1.6	349	21
17/08/24 10:20	4	15	20	1	12.3	83	1.0	323	26
17/08/24 10:25	4	15	19	1	12.2	85	1.0	341	26
17/08/24 10:30	4	14	18	1	12.2	84	1.4	339	22
17/08/24 10:35	4	14	17	1	12.3	85	0.9	323	30
17/08/24 10:40	4	14	18	1	12.3	85	0.9	338	30
17/08/24 10:45	5	15	20	1	12.3	85	0.7	326	32
17/08/24 10:50	5	18	23	1	12.4	87	0.9	344	29
17/08/24 10:55	7	22	29	1	12.3	85	0.8	282	25
17/08/24 11:00	8	23	31	1	12.3	85	0.6	284	33
17/08/24 11:05	9	20	29	0	12.4	84	1.5	262	14
17/08/24 11:10	4	8	12	1	12.3	81	1.1	281	14
17/08/24 11:15	2	8	10	1	12.3	80	1.3	303	10
17/08/24 11:20	2	9	11	1	12.5	80	0.8	269	37
17/08/24 11:25	2	9	11	1	12.4	80	0.6	255	14
17/08/24 11:30	2	9	12	1	12.5	79	0.4	328	28
17/08/24 11:35	3	9	11	1	12.8	78	0.6	262	15
17/08/24 11:40	3	9	13	1	13.0	79	1.1	285	18
17/08/24 11:45	4	9	13	1	13.1	76	1.0	302	34
17/08/24 11:50	4	9	13	1	13.2	74	1.0	240	19
17/08/24 11:55	3	8	11	1	13.3	74	0.9	201	10
17/08/24 12:00	3	7	10	1	13.6	72	0.7	204	5
17/08/24 12:05	3	7	9	1	13.7	71	0.7	201	4
17/08/24 12:10	2	6	9	1	14.2	72	0.8	161	26
17/08/24 12:15	2	6	8	1	14.3	68	0.8	207	18
17/08/24 12:20	2	7	9	0	14.0	70	1.2	200	7
17/08/24 12:25	3	8	11	0	14.1	71	1.4	193	10
17/08/24 12:30	3	10	13	0	13.9	71	2.0	203	3
17/08/24 12:35	3	10	13	1	13.6	72	2.0	203	4
17/08/24 12:40	3	11	14	1	13.4	73	1.5	202	5
17/08/24 12:45	4	13	17	1	13.5	73	1.1	187	25
17/08/24 12:50	4	5	9	1	14.4	73	0.6	161	32
17/08/24 12:55	3	4	7	1	15.0	70	0.9	172	26
17/08/24 13:00	3	5	8	1	14.9	70	1.3	190	17
17/08/24 13:05	3	7	11	1	14.5	71	2.3	200	5
17/08/24 13:10	3	8	11	1	13.9	74	2.4	200	6
17/08/24 13:15	3	7	10	1	13.6	74	2.8	203	4
17/08/24 13:20	3	10	13	1	13.5	76	2.4	199	8
17/08/24 13:25	3	8	12	1	13.4	75	2.7	203	6
17/08/24 13:30	3	3	5	1	13.2	76	2.8	200	4
17/08/24 13:35	2	2	4	1	13.2	75	2.5	202	4
17/08/24 13:40	2	2	4	0	13.3	77	2.4	201	7
17/08/24 13:45	2	3	5	1	13.6	75	2.6	202	5
17/08/24 13:50	2	3	5	1	13.5	74	2.3	208	4
17/08/24 13:55	1	3	5	1	13.3	74	2.0	209	4
17/08/24 14:00	1	3	4	1	13.4	74	1.8	215	4
17/08/24 14:05	1	3	4	0	13.3	74	1.4	227	6
17/08/24 14:10	1	4	5	0	13.3	74	1.3	222	4
17/08/24 14:15	1	5	6	1	13.5	73	1.2	226	3
17/08/24 14:20	2	5	7	1	13.5	74	1.0	217	5
17/08/24 14:25	2	5	7	1	13.8	72	1.7	209	3
17/08/24 14:30	3	8	10	1	13.9	73	1.9	204	4
17/08/24 14:35	2	4	6	1	13.9	71	2.1	203	4
17/08/24 14:40	1	2	3	1	14.0	72	2.1	210	4
17/08/24 14:45	1	2	3	1	14.0	71	2.6	203	7
17/08/24 14:50	1	3	5	1	14.3	69	3.2	198	3
17/08/24 14:55	2	7	9	1	14.4	67	3.6	197	2
17/08/24 15:00	2	2	4	1	14.4	69	2.9	200	4

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/08/24 15:05	2	4	6	1	14.5	68	2.9	202	6
17/08/24 15:10	2	4	6	1	14.6	68	2.8	197	10
17/08/24 15:15	2	4	5	1	14.7	69	2.5	201	8
17/08/24 15:20	2	3	4	1	14.4	72	2.4	198	7
17/08/24 15:25	1	3	4	1	14.7	72	1.8	192	18
17/08/24 15:30	1	3	4	1	15.0	71	1.6	197	17
17/08/24 15:35	1	3	5	1	15.0	72	1.6	190	15
17/08/24 15:40	1	4	5	1	15.6	70	1.3	168	20
17/08/24 15:45	1	4	5	1	16.1	67	1.1	166	26
17/08/24 15:50	1	4	5	1	16.4	65	1.3	165	20
17/08/24 15:55	1	4	5	1	16.4	65	1.2	171	22
17/08/24 16:00	1	4	5	1	16.5	65	1.4	181	18
17/08/24 16:05	1	4	5	1	16.4	66	1.3	183	19
17/08/24 16:10	1	4	5	1	15.9	68	1.3	191	20
17/08/24 16:15	1	4	5	1	14.8	73	2.3	207	5
17/08/24 16:20	1	4	5	1	14.0	77	2.6	205	4
17/08/24 16:25	1	5	6	1	13.8	79	2.2	206	6
17/08/24 16:30	1	5	6	1	13.5	79	2.5	207	5
17/08/24 16:35	1	4	5	1	13.4	81	2.2	210	6
17/08/24 16:40	1	4	5	1	13.4	81	1.9	207	4
17/08/24 16:45	1	4	5	1	13.7	81	1.4	191	16
17/08/24 16:50	1	4	5	1	13.8	79	1.2	179	21
17/08/24 16:55	1	4	5	1	13.9	80	1.2	195	21
17/08/24 17:00	0	4	4	1	13.6	82	2.0	202	6
17/08/24 17:05	0	4	4	1	13.5	84	1.4	195	12
17/08/24 17:10	0	3	4	1	13.4	84	0.8	166	21
17/08/24 17:15	0	3	3	1	13.4	85	0.5	170	29
17/08/24 17:20	0	3	3	1	13.5	86	0.6	189	28
17/08/24 17:25	0	3	3	1	13.7	85	1.3	204	11
17/08/24 17:30	0	2	2	1	13.7	86	1.5	200	10
17/08/24 17:35	0	2	2	0	13.6	87	1.6	196	14
17/08/24 17:40	0	2	2	0	13.3	88	1.2	199	12
17/08/24 17:45	0	1	1	1	13.2	89	1.5	200	10
17/08/24 17:50	0	1	1	0	13.1	89	1.7	187	12
17/08/24 17:55	0	1	1	1	13.1	89	1.6	192	11
17/08/24 18:00	0	1	1	1	13.1	89	1.5	189	14
17/08/24 18:05	0	1	1	0	13.1	89	1.3	192	15
17/08/24 18:10	0	1	1	1	13.1	90	1.0	191	15
17/08/24 18:15	0	1	1	1	13.1	90	1.0	202	16
17/08/24 18:20	0	1	1	1	13.0	91	1.7	203	6
17/08/24 18:25	0	1	1	1	12.9	91	1.9	200	6
17/08/24 18:30	0	2	2	1	12.8	92	1.7	195	8
17/08/24 18:35	0	3	3	1	12.8	92	1.6	196	13
17/08/24 18:40	0	4	4	0	12.9	92	2.0	201	4
17/08/24 18:45	0	4	4	0	12.9	92	2.0	199	4
17/08/24 18:50	0	3	3	0	12.8	92	1.9	205	4
17/08/24 18:55	0	3	3	0	12.8	93	1.9	222	5
17/08/24 19:00	0	5	5	1	12.9	93	2.3	221	4
17/08/24 19:05	0	6	6	1	12.8	93	2.3	227	4
17/08/24 19:10	0	6	6	1	12.8	92	2.0	240	8
17/08/24 19:15	0	7	7	1	12.8	92	1.9	248	7
17/08/24 19:20	0	5	5	1	12.9	91	2.4	241	6
17/08/24 19:25	0	4	5	1	12.9	91	2.6	233	4
17/08/24 19:30	0	4	4	1	12.9	91	2.7	229	4
17/08/24 19:35	0	3	4	1	12.9	92	2.8	227	4
17/08/24 19:40	0	3	3	1	12.9	92	2.3	222	4
17/08/24 19:45	0	3	3	1	12.8	92	2.3	223	4
17/08/24 19:50	0	3	3	1	12.9	92	2.3	223	4
17/08/24 19:55	0	3	3	1	12.8	92	2.2	225	4
17/08/24 20:00	0	3	3	1	12.9	92	2.1	228	3
17/08/24 20:05	0	3	3	1	12.9	92	1.7	235	7
17/08/24 20:10	0	2	2	1	12.9	92	1.3	246	6
17/08/24 20:15	0	2	2	1	12.8	92	1.6	241	7
17/08/24 20:20	0	2	2	1	12.8	92	1.7	241	5
17/08/24 20:25	0	3	3	1	12.9	92	1.8	238	4
17/08/24 20:30	0	3	3	1	13.0	91	1.6	238	5
17/08/24 20:35	0	6	6	1	12.9	91	1.5	239	9
17/08/24 20:40	0	8	8	1	12.9	91	1.4	232	5
17/08/24 20:45	0	8	8	1	12.9	91	1.3	241	6
17/08/24 20:50	0	9	9	1	12.9	91	1.2	246	5
17/08/24 20:55	0	8	8	1	12.9	91	1.2	250	4
17/08/24 21:00	0	7	7	1	12.9	91	1.4	251	6
17/08/24 21:05	0	8	8	1	12.9	91	1.2	266	7
17/08/24 21:10	0	10	10	1	12.8	91	1.4	259	8
17/08/24 21:15	0	12	12	1	12.9	92	1.6	250	8
17/08/24 21:20	0	17	18	1	12.9	92	1.7	246	6
17/08/24 21:25	1	24	25	1	13.0	92	2.0	251	9
17/08/24 21:30	1	22	23	1	12.9	92	2.5	258	5
17/08/24 21:35	1	16	17	1	12.9	92	2.7	256	5
17/08/24 21:40	1	13	13	1	12.9	92	2.8	259	5
17/08/24 21:45	1	14	15	1	12.9	92	2.9	259	5
17/08/24 21:50	1	15	15	1	12.9	91	2.9	257	7
17/08/24 21:55	1	14	14	1	12.8	91	2.7	256	7
17/08/24 22:00	1	14	15	1	12.8	91	2.6	255	6

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/08/24 22:05	1	15	16	1	12.9	91	2.8	252	9
17/08/24 22:10	1	17	18	1	12.8	91	2.7	248	8
17/08/24 22:15	1	21	22	1	12.9	91	3.6	245	7
17/08/24 22:20	1	13	14	1	13.0	91	4.1	239	6
17/08/24 22:25	1	10	11	1	13.0	90	4.2	240	5
17/08/24 22:30	1	10	11	1	13.0	90	4.2	239	5
17/08/24 22:35	1	10	11	1	12.9	90	3.9	241	6
17/08/24 22:40	1	15	15	1	13.0	90	3.7	241	7
17/08/24 22:45	1	18	19	1	13.1	89	4.0	242	7
17/08/24 22:50	1	20	21	1	13.1	89	4.5	237	5
17/08/24 22:55	1	12	13	1	13.1	90	4.6	240	6
17/08/24 23:00	1	12	13	1	13.0	90	4.2	240	7
17/08/24 23:05	1	14	15	1	13.1	90	4.6	241	7
17/08/24 23:10	2	21	23	1	13.2	89	4.5	243	5
17/08/24 23:15	2	24	26	1	13.1	89	4.2	247	7
17/08/24 23:20	3	30	33	1	13.0	89	3.9	240	7
17/08/24 23:25	3	16	19	1	13.1	89	3.9	240	7
17/08/24 23:30	3	16	19	1	13.2	90	3.7	238	8
17/08/24 23:35	2	15	18	1	13.1	90	3.6	241	10
17/08/24 23:40	2	19	21	1	13.0	90	4.4	242	7
17/08/24 23:45	2	18	20	1	13.0	90	3.9	242	9
17/08/24 23:50	3	23	26		13.0	91	3.4	243	10
17/08/24 23:55	3	23	26		12.9	91	3.8	238	8
18/08/24 00:00	2	15	17	1	13.0	91	3.9	236	7
18/08/24 00:05	2	11	13	2	12.9	91	4.2	239	5
18/08/24 00:10	2	12	14	1	13.0	91	3.9	242	6
18/08/24 00:15	2	10	12	1	12.9	91	4.2	236	5
18/08/24 00:20	1	7	8	1	12.9	92	4.1	237	6
18/08/24 00:25	1	12	14	1	12.9	92	3.4	241	8
18/08/24 00:30	1	17	19	1	12.9	91	4.3	238	5
18/08/24 00:35	1	13	14	1	12.9	91	4.1	239	6
18/08/24 00:40	1	11	12	1	12.9	91	3.9	235	5
18/08/24 00:45	1	7	8	1	12.9	92	4.4	235	4
18/08/24 00:50	1	6	7	1	12.9	92	4.6	238	4
18/08/24 00:55	1	6	7	1	13.0	92	4.3	237	6
18/08/24 01:00	1	8	9	1	13.1	92	4.3	238	7
18/08/24 01:05					13.0	92	4.3	234	5
18/08/24 01:10					13.0	93	4.1	236	4
18/08/24 01:15					12.9	93	4.2	234	3
18/08/24 01:20					13.0	94	4.4	234	2
18/08/24 01:25					12.9	94	4.2	232	3
18/08/24 01:30					12.9	94	4.1	229	4
18/08/24 01:35					12.8	95	3.7	222	4
18/08/24 01:40					12.8	95	3.9	226	6
18/08/24 01:45					12.9	95	4.2	224	4
18/08/24 01:50					12.8	95	3.5	221	4
18/08/24 01:55					12.8	95	3.1	212	5
18/08/24 02:00					12.8	95	2.6	205	6
18/08/24 02:05	1	14	14	1	12.8	95	2.6	203	4
18/08/24 02:10	0	4	5	1	12.9	96	2.4	203	6
18/08/24 02:15	0	6	6	1	12.9	96	2.3	191	12
18/08/24 02:20	0	9	9	1	13.0	95	1.8	190	15
18/08/24 02:25	0	6	6	1	13.0	95	1.5	171	25
18/08/24 02:30	0	3	4	1	12.9	95	1.4	184	21
18/08/24 02:35	0	3	3	1	12.9	95	1.6	181	20
18/08/24 02:40	0	2	3	1	12.9	95	1.4	185	18
18/08/24 02:45	0	2	3	1	12.9	94	1.9	191	12
18/08/24 02:50	0	2	3	1	12.9	94	1.3	190	16
18/08/24 02:55	0	2	2	1	12.9	94	1.0	191	19
18/08/24 03:00	0	2	2	1	12.9	94	1.2	191	15
18/08/24 03:05	0	2	2	1	12.9	95	1.2	191	19
18/08/24 03:10	0	2	2	1	12.9	95	2.3	189	12
18/08/24 03:15	0	2	2	1	12.9	95	2.0	190	14
18/08/24 03:20	0	2	2	1	12.9	95	1.4	182	21
18/08/24 03:25	0	2	2	0	12.9	94	2.2	185	15
18/08/24 03:30	0	1	1	0	12.9	94	1.9	178	19
18/08/24 03:35	0	1	1	0	12.9	94	1.7	163	25
18/08/24 03:40	0	1	1	0	12.8	94	2.0	168	24
18/08/24 03:45	0	1	1	0	12.8	94	2.2	168	20
18/08/24 03:50	0	1	1	1	12.8	94	1.7	173	22
18/08/24 03:55	0	1	1	1	12.8	94	1.4	178	23
18/08/24 04:00	0	1	1	1	12.9	94	1.6	178	21
18/08/24 04:05	0	1	1	1	12.8	94	1.4	178	20
18/08/24 04:10	0	1	1	1	12.8	94	1.2	169	25
18/08/24 04:15	0	1	1	1	12.8	94	1.0	155	35
18/08/24 04:20	0	1	1	1	12.7	94	1.8	141	21
18/08/24 04:25	0	1	1	1	12.8	94	1.8	110	12
18/08/24 04:30	0	1	1	1	12.8	94	1.5	110	23
18/08/24 04:35	0	1	1	1	12.8	94	1.5	176	20
18/08/24 04:40	0	1	1	1	12.8	94	1.8	172	21
18/08/24 04:45	0	1	1	1	12.8	94	1.3	186	22
18/08/24 04:50	0	1	1	1	12.8	94	2.0	196	10
18/08/24 04:55	0	1	1	0	12.9	94	2.0	201	7
18/08/24 05:00	0	2	2	1	12.8	94	2.4	202	6

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/08/24 05:05	0	2	2	0	12.9	94	2.3	201	4
18/08/24 05:10	0	3	3	0	12.6	95	2.2	202	4
18/08/24 05:15	0	3	3	1	12.7	95	2.3	202	4
18/08/24 05:20	0	3	3	1	12.6	95	2.3	200	5
18/08/24 05:25	0	3	3	1	12.6	95	1.9	206	4
18/08/24 05:30	0	3	3	1	12.6	96	2.2	210	4
18/08/24 05:35	0	3	3	1	12.6	96	2.4	205	3
18/08/24 05:40	0	3	3	1	12.5	96	2.3	203	3
18/08/24 05:45	0	3	3	1	12.5	96	2.0	204	7
18/08/24 05:50	0	3	3	1	12.5	96	2.0	197	10
18/08/24 05:55	0	2	3	1	12.5	95	2.2	193	10
18/08/24 06:00	0	2	3	1	12.5	95	2.2	197	7
18/08/24 06:05	0	2	2	0	12.4	94	2.0	198	8
18/08/24 06:10	0	2	2	0	12.4	94	1.7	193	9
18/08/24 06:15	0	2	2	1	12.3	94	2.0	192	13
18/08/24 06:20	0	1	2	1	12.3	94	1.4	187	19
18/08/24 06:25	0	1	1	1	12.3	94	1.5	176	20
18/08/24 06:30	0	1	1	1	12.2	94	1.7	172	19
18/08/24 06:35	0	1	1	1	12.2	94	1.3	165	26
18/08/24 06:40	0	1	1	1	12.1	94	1.1	168	34
18/08/24 06:45	0	1	1	1	12.2	94	1.0	162	38
18/08/24 06:50	0	2	2	1	12.1	94	0.9	171	37
18/08/24 06:55	0	2	2	1	12.1	94	0.6	158	53
18/08/24 07:00	0	2	2	1	12.1	95	1.5	137	18
18/08/24 07:05	0	2	2	0	12.1	95	1.6	136	11
18/08/24 07:10	0	2	2	1	12.1	94	1.4	135	14
18/08/24 07:15	0	2	2	1	12.1	94	1.1	129	14
18/08/24 07:20	0	1	1	1	12.0	94	1.0	143	26
18/08/24 07:25	0	1	1	1	12.1	94	0.5	197	25
18/08/24 07:30	0	2	1	1	12.1	94	1.1	188	8
18/08/24 07:35	0	2	1	1	12.1	94	1.3	195	12
18/08/24 07:40	0	2	1	1	12.2	95	1.6	199	9
18/08/24 07:45	0	2	2	1	12.2	94	1.5	190	17
18/08/24 07:50	0	2	2	1	12.2	94	1.1	187	15
18/08/24 07:55	0	2	2	1	12.5	94	1.0	187	18
18/08/24 08:00	0	1	2	1	12.6	93	1.3	169	25
18/08/24 08:05	0	2	2	1	12.9	90	2.1	146	22
18/08/24 08:10	0	2	3	1	12.9	86	2.8	142	11
18/08/24 08:15	1	3	3	1	13.0	85	2.4	144	19
18/08/24 08:20	1	3	4	1	13.1	83	2.7	138	15
18/08/24 08:25	1	3	4	1	13.2	82	2.1	134	16
18/08/24 08:30	1	4	5	1	13.2	82	1.5	129	22
18/08/24 08:35	1	5	6	1	13.5	81	1.1	124	26
18/08/24 08:40	1	5	6	1	13.9	80	0.8	129	25
18/08/24 08:45	1	5	7	1	14.3	78	0.7	128	27
18/08/24 08:50	1	6	7	1	14.5	75	1.3	144	20
18/08/24 08:55	2	6	7	1	14.4	75	0.9	147	24
18/08/24 09:00	2	6	8	1	14.8	74	0.5	149	37
18/08/24 09:05	2	6	8	1	15.2	72	0.8	162	24
18/08/24 09:10	2	6	8	1	15.2	71	0.8	165	33
18/08/24 09:15	2	6	8	1	15.0	72	0.8	169	27
18/08/24 09:20	2	6	8	1	15.1	71	0.8	163	28
18/08/24 09:25	2	6	8	1	15.1	72	1.2	197	14
18/08/24 09:30	2	6	9	1	14.3	76	1.6	204	5
18/08/24 09:35	3	6	9	1	14.0	79	1.8	203	5
18/08/24 09:40	3	6	9	1	13.6	79	1.5	210	5
18/08/24 09:45	3	6	9	1	13.5	80	1.4	211	1
18/08/24 09:50	11	15	26	1	13.4	81	1.4	216	4
18/08/24 09:55	2	6	8	1	13.2	81	1.4	225	4
18/08/24 10:00	2	6	8	1	13.2	82	1.4	213	2
18/08/24 10:05	2	6	8	1	13.2	82	1.7	205	3
18/08/24 10:10	2	6	8	1	13.3	81	1.9	200	2
18/08/24 10:15	3	6	9	1	13.3	81	2.0	198	2
18/08/24 10:20	2	6	8	1	13.4	80	1.3	196	7
18/08/24 10:25	3	6	9	1	14.1	78	1.4	183	15
18/08/24 10:30	4	7	11	1	14.8	74	2.0	197	12
18/08/24 10:35	4	7	11	1	13.9	78	3.3	199	2
18/08/24 10:40	4	7	11	1	13.5	80	3.8	197	2
18/08/24 10:45	4	7	11	1	13.3	81	4.0	198	2
18/08/24 10:50	4	7	11	1	13.2	82	3.9	198	3
18/08/24 10:55	3	4	7	1	13.2	81	3.8	201	4
18/08/24 11:00	3	2	5	1	13.1	81	3.4	202	4
18/08/24 11:05	3	2	5	1	13.1	82	2.9	202	4
18/08/24 11:10	2	2	4	1	13.1	82	2.6	202	4
18/08/24 11:15	2	2	4	1	13.2	80	2.8	198	2
18/08/24 11:20	2	3	4	1	13.2	80	2.8	199	3
18/08/24 11:25	2	3	4	1	13.4	80	2.7	200	4
18/08/24 11:30	2	3	4	0	13.5	80	2.8	202	5
18/08/24 11:35	1	3	4	0	13.5	81	2.9	204	3
18/08/24 11:40	1	3	4	1	13.5	82	2.6	204	4
18/08/24 11:45	1	2	3	1	13.5	83	2.5	201	4
18/08/24 11:50	1	2	3	1	13.6	83	2.5	205	4
18/08/24 11:55	1	2	3	1	13.5	83	2.5	204	9
18/08/24 12:00	1	2	3	1	13.7	82	2.3	207	4

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/08/24 12:05	1	2	3	1	13.6	82	2.6	206	5
18/08/24 12:10	1	2	3	1	13.7	82	2.9	203	5
18/08/24 12:15	1	2	2	1	13.7	81	3.0	206	5
18/08/24 12:20	1	2	2	1	13.7	82	3.0	206	5
18/08/24 12:25	1	2	2	0	13.8	81	3.4	200	5
18/08/24 12:30	1	2	2	1	13.9	80	3.4	205	4
18/08/24 12:35	1	2	2	1	13.8	80	3.3	214	4
18/08/24 12:40	1	2	3	1	13.9	81	3.5	215	3
18/08/24 12:45	1	2	3	1	14.0	80	3.6	210	4
18/08/24 12:50	1	2	3	1	14.0	80	3.9	207	3
18/08/24 12:55	1	3	4	1	14.0	81	4.4	207	2
18/08/24 13:00	1	2	3	1	13.8	81	4.5	204	2
18/08/24 13:05	1	3	4	1	13.7	81	4.2	204	3
18/08/24 13:10	1	3	3	1	13.6	82	4.2	207	2
18/08/24 13:15	1	2	3	1	13.6	80	4.7	209	2
18/08/24 13:20	1	3	4	1	13.7	81	4.5	214	4
18/08/24 13:25	1	5	6	0	13.8	81	4.4	221	3
18/08/24 13:30	1	3	4	1	14.1	79	4.2	228	6
18/08/24 13:35	1	2	3	1	14.1	79	4.9	234	3
18/08/24 13:40	1	2	3	1	13.9	80	4.5	234	3
18/08/24 13:45	1	2	3	1	13.9	81	4.1	228	4
18/08/24 13:50	1	2	3	1	13.8	81	4.8	227	3
18/08/24 13:55	1	2	3	1	13.7	82	4.6	223	5
18/08/24 14:00	1	2	3	1	13.6	81	5.0	219	5
18/08/24 14:05	0	2	3	1	13.7	81	5.0	218	5
18/08/24 14:10	0	2	3	1	13.6	81	5.4	218	4
18/08/24 14:15	0	2	3	1	13.6	81	4.9	220	4
18/08/24 14:20	0	2	3	1	13.6	80	5.1	218	5
18/08/24 14:25	0	2	2	1	13.6	82	4.8	217	5
18/08/24 14:30	1	3	4	1	13.6	81	5.5	212	4
18/08/24 14:35	1	8	9	1	13.6	80	5.4	210	4
18/08/24 14:40	2	15	17	1	13.6	80	5.6	209	4
18/08/24 14:45	3	16	18	1	13.7	80	5.7	210	3
18/08/24 14:50	2	4	7	1	13.7	82	5.5	207	3
18/08/24 14:55	1	3	4	1	13.5	83	5.1	207	3
18/08/24 15:00	1	2	3	1	13.4	85	4.9	205	4
18/08/24 15:05	1	2	3	1	13.4	84	5.1	203	3
18/08/24 15:10	1	2	3	1	13.4	85	4.9	203	3
18/08/24 15:15	1	2	3	1	13.4	85	4.9	202	3
18/08/24 15:20	1	2	3	1	13.5	85	4.6	204	3
18/08/24 15:25	1	2	3	1	13.6	85	4.6	205	3
18/08/24 15:30	1	2	3	1	13.7	83	4.6	206	2
18/08/24 15:35	1	5	6	1	13.9	83	4.5	206	3
18/08/24 15:40	2	11	13	1	13.9	83	4.6	207	2
18/08/24 15:45	2	4	5	1	13.8	83	4.5	205	2
18/08/24 15:50	1	3	5	2	13.8	83	4.7	206	3
18/08/24 15:55	1	3	4	1	13.7	84	4.7	203	2
18/08/24 16:00	1	3	4	1	13.8	83	4.9	200	3
18/08/24 16:05	1	3	4	1	14.0	82	4.6	200	4
18/08/24 16:10	1	3	4	1	14.0	81	4.2	199	5
18/08/24 16:15	1	3	4	2	14.0	81	4.4	201	4
18/08/24 16:20	1	4	5	2	14.0	81	4.6	201	4
18/08/24 16:25	1	4	5	1	13.8	84	4.5	202	3
18/08/24 16:30	3	22	25	1	13.7	83	4.7	200	3
18/08/24 16:35	4	9	12	1	13.6	84	4.4	200	3
18/08/24 16:40	1	3	4	1	13.5	85	4.0	199	5
18/08/24 16:45	1	3	4	1	13.9	82	3.1	194	8
18/08/24 16:50	1	3	4	1	14.0	81	3.4	196	6
18/08/24 16:55	0	3	4	1	13.8	82	3.7	200	5
18/08/24 17:00	0	3	4	1	13.8	83	3.2	198	6
18/08/24 17:05	0	3	3	1	13.9	82	2.6	196	8
18/08/24 17:10	0	3	3	1	13.8	82	2.8	199	4
18/08/24 17:15	0	3	3	1	13.6	84	3.0	200	5
18/08/24 17:20	0	3	3	1	13.5	86	3.1	199	6
18/08/24 17:25	11	18	29	2	13.3	86	2.5	207	4
18/08/24 17:30	0	3	3	2	13.3	88	2.0	201	8
18/08/24 17:35	0	4	4	1	13.3	88	2.0	198	9
18/08/24 17:40	0	3	3	1	13.3	89	2.1	196	9
18/08/24 17:45	0	3	3	1	13.2	88	1.8	187	14
18/08/24 17:50	0	3	3	1	13.2	88	1.1	178	24
18/08/24 17:55	0	3	3	1	13.2	88	1.0	182	19
18/08/24 18:00	0	3	4	1	13.2	89	0.8	173	23
18/08/24 18:05	0	4	4	1	13.0	89	0.6	120	25
18/08/24 18:10	1	15	16	1	13.0	91	1.0	99	8
18/08/24 18:15	1	13	14	1	13.0	91	1.0	116	12
18/08/24 18:20	1	12	12	1	12.9	91	0.7	128	16
18/08/24 18:25	0	10	10	1	12.8	92	0.5	136	28
18/08/24 18:30	0	8	8	1	12.7	92	0.4	151	33
18/08/24 18:35	0	8	8	1	12.6	92	0.3	173	40
18/08/24 18:40	0	7	7	1	12.7	93	0.3	267	42
18/08/24 18:45	0	7	7	1	12.5	93	0.2	168	52
18/08/24 18:50	0	6	6	1	12.3	93	0.1	110	63
18/08/24 18:55	0	5	5	1	12.5	93	0.2	138	41
18/08/24 19:00	0	5	5	1	12.3	93	0.2	122	31

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/08/24 19:05	0	4	4	1	12.3	94	0.6	114	15
18/08/24 19:10	0	4	4	1	12.4	94	0.9	109	5
18/08/24 19:15	0	5	5	1	12.4	94	1.1	115	7
18/08/24 19:20	0	6	6	1	12.4	94	1.0	127	15
18/08/24 19:25	0	7	7	1	12.5	94	1.1	145	21
18/08/24 19:30	0	8	8	1	12.4	94	1.3	138	19
18/08/24 19:35	0	8	8	1	12.6	94	1.3	133	21
18/08/24 19:40	0	7	7	1	12.6	93	1.2	127	22
18/08/24 19:45	0	7	7	1	12.6	92	1.4	113	16
18/08/24 19:50	0	7	7	1	12.7	90	2.0	108	5
18/08/24 19:55	0	8	8	1	12.7	88	2.5	113	7
18/08/24 20:00	0	9	9	1	12.8	85	2.9	117	11
18/08/24 20:05	0	10	10	1	13.0	82	2.3	122	13
18/08/24 20:10	0	10	10	1	13.1	82	1.6	124	21
18/08/24 20:15	0	10	10	1	13.1	83	1.6	119	17
18/08/24 20:20	0	10	10	1	12.9	84	1.5	119	17
18/08/24 20:25	0	10	10	1	12.8	84	1.3	125	20
18/08/24 20:30	0	9	9	1	12.7	84	2.1	124	18
18/08/24 20:35	0	9	9	1	12.7	84	1.9	122	20
18/08/24 20:40	0	8	8	1	12.8	84	1.5	125	21
18/08/24 20:45	0	8	8	1	12.6	85	1.5	122	24
18/08/24 20:50	0	8	8	1	12.5	85	1.5	127	25
18/08/24 20:55	0	8	8	1	12.5	85	1.4	119	26
18/08/24 21:00	0	7	7	1	12.5	85	1.5	123	24
18/08/24 21:05	0	7	7	1	12.4	86	1.9	127	21
18/08/24 21:10	0	7	7	1	12.3	86	2.1	128	17
18/08/24 21:15	0	7	7	1	12.4	85	2.6	133	11
18/08/24 21:20	0	7	7	1	12.4	85	2.6	135	11
18/08/24 21:25	0	7	7	1	12.3	85	2.2	135	13
18/08/24 21:30	0	7	7	1	12.3	86	1.5	125	17
18/08/24 21:35	0	7	7	1	12.3	86	1.9	116	12
18/08/24 21:40	0	6	6	1	12.2	86	2.0	117	11
18/08/24 21:45	0	6	6	1	12.3	86	1.5	120	18
18/08/24 21:50	0	7	7	1	12.1	86	1.0	121	27
18/08/24 21:55	0	7	7	1	12.0	87	1.2	117	19
18/08/24 22:00	0	7	7	1	12.0	87	1.0	115	19
18/08/24 22:05	0	8	8	1	11.9	87	0.4	35	39
18/08/24 22:10	0	9	9	1	11.7	87	0.1	109	66
18/08/24 22:15	0	12	13	1	11.5	87	0.3	173	26
18/08/24 22:20	1	14	15	1	11.4	89	0.4	202	27
18/08/24 22:25	1	18	19	1	11.3	89	0.3	60	19
18/08/24 22:30	1	21	22	1	11.4	89	0.3	86	35
18/08/24 22:35	1	19	20	1	11.4	89	0.7	103	31
18/08/24 22:40	1	19	20	1	11.2	89	0.5	77	11
18/08/24 22:45	1	20	20	1	11.1	89	0.2	34	53
18/08/24 22:50	1	21	22	2	10.9	89	0.9	107	17
18/08/24 22:55	2	23	25	1	11.0	89	0.8	116	13
18/08/24 23:00	2	26	28	1	10.9	90	0.5	120	24
18/08/24 23:05	2	27	29	1	10.9	90	0.7	109	12
18/08/24 23:10	3	27	30	1	10.9	90	0.4	110	19
18/08/24 23:15	4	28	32	1	10.9	90	0.6	97	10
18/08/24 23:20	5	28	33	1	10.8	89	0.8	95	5
18/08/24 23:25	10	25	35	1	10.6	90	0.7	95	6
18/08/24 23:30	5	28	33	1	10.5	90	0.5	100	16
18/08/24 23:35	5	27	32	1	10.4	90	0.7	74	27
18/08/24 23:40	6	26	33	1	10.3	90	1.1	12	9
18/08/24 23:45	7	26	33	1	10.3	91	1.0	17	11
18/08/24 23:50	7	26	33		10.4	91	1.0	359	15
18/08/24 23:55	8	26	34		10.6	91	1.0	345	11
19/08/24 00:00	45	24	68	1	10.8	90	1.0	337	13
19/08/24 00:05	63	26	90	2	10.6	90	0.4	321	48
19/08/24 00:10	63	27	90	1	10.5	90	0.3	301	32
19/08/24 00:15	62	28	90	1	10.4	91	0.6	320	29
19/08/24 00:20	58	28	86	1	10.3	91	1.0	296	14
19/08/24 00:25	43	30	73	1	10.4	91	0.9	303	16
19/08/24 00:30	32	27	59	1	10.4	91	1.1	317	13
19/08/24 00:35	31	26	57	1	10.2	91	1.3	327	12
19/08/24 00:40	29	26	55	1	10.1	91	1.0	329	16
19/08/24 00:45	25	29	53	1	10.1	92	0.7	329	19
19/08/24 00:50	26	27	52	1	9.9	91	0.8	351	12
19/08/24 00:55	26	25	52	1	9.8	92	0.7	344	20
19/08/24 01:00	27	25	52	1	9.7	92	1.4	340	17
19/08/24 01:05					9.7	92	1.5	327	16
19/08/24 01:10					9.6	92	1.4	325	16
19/08/24 01:15					9.5	92	1.8	338	11
19/08/24 01:20					9.5	92	1.3	326	19
19/08/24 01:25					9.4	92	1.2	335	22
19/08/24 01:30					9.4	93	0.9	322	22
19/08/24 01:35					9.5	92	0.9	330	15
19/08/24 01:40					9.2	92	1.3	336	9
19/08/24 01:45					9.1	93	1.1	332	14
19/08/24 01:50					9.1	93	0.9	342	19
19/08/24 01:55					9.1	93	1.3	352	24
19/08/24 02:00					9.1	93	0.5	321	33

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/08/24 02:05	37	23	59	2	9.1	93	0.9	340	24
19/08/24 02:10	35	23	58	1	9.0	93	0.8	332	23
19/08/24 02:15	34	23	57	1	8.9	93	1.2	345	13
19/08/24 02:20	35	23	58	1	8.9	93	1.7	349	12
19/08/24 02:25	34	23	57	2	8.9	93	1.3	334	14
19/08/24 02:30	32	23	55	1	8.9	93	1.4	334	12
19/08/24 02:35	27	24	51	1	8.9	93	1.5	345	13
19/08/24 02:40	25	23	48	1	8.9	93	1.3	356	15
19/08/24 02:45	26	22	48	1	8.7	93	1.2	6	16
19/08/24 02:50	25	21	47	1	8.6	93	1.6	2	6
19/08/24 02:55	25	22	46	1	8.7	94	1.6	355	7
19/08/24 03:00	25	22	47	1	8.8	94	1.1	357	20
19/08/24 03:05	27	22	48	1	8.9	94	1.1	345	14
19/08/24 03:10	26	22	48	2	8.8	94	1.3	352	17
19/08/24 03:15	24	22	46	2	8.8	93	1.6	338	14
19/08/24 03:20	21	23	44	1	8.7	93	1.2	342	23
19/08/24 03:25	20	22	42	1	8.6	93	0.9	344	29
19/08/24 03:30	21	21	42	1	8.4	93	1.6	360	26
19/08/24 03:35	19	19	38	1	8.4	93	1.5	356	20
19/08/24 03:40	16	18	33	1	8.3	93	1.6	2	15
19/08/24 03:45	14	18	32	1	8.3	93	2.1	5	10
19/08/24 03:50	12	17	29	1	8.3	94	1.8	351	16
19/08/24 03:55	9	17	26	1	8.5	94	1.5	357	23
19/08/24 04:00	8	16	25	1	8.5	95	2.1	360	15
19/08/24 04:05	15	20	35	1	8.4	95	1.8	359	18
19/08/24 04:10	18	19	37	1	8.5	96	1.4	349	24
19/08/24 04:15	17	19	36	1	8.5	97	1.4	359	21
19/08/24 04:20	11	21	33	1	8.4	97	2.0	6	14
19/08/24 04:25	4	18	22	1	8.4	98	1.9	357	16
19/08/24 04:30	3	17	20	1	8.3	98	1.2	346	34
19/08/24 04:35	2	17	19	1	8.3	98	1.4	323	21
19/08/24 04:40	2	17	19	1	8.4	98	0.2	291	78
19/08/24 04:45	2	17	19	1	8.4	99	0.6	336	52
19/08/24 04:50	2	18	19	1	8.4	98	0.8	337	37
19/08/24 04:55	3	18	21	1	8.4	99	0.7	3	35
19/08/24 05:00	4	19	23	1	8.3	99	0.9	328	34
19/08/24 05:05	7	24	32	1	8.4	99	1.1	315	17
19/08/24 05:10	13	23	35	1	8.4	99	1.2	297	12
19/08/24 05:15	15	21	37	1	8.4	99	0.9	333	42
19/08/24 05:20	18	20	38	1	8.4	99	0.8	344	27
19/08/24 05:25	18	20	39	1	8.5	99	0.6	330	44
19/08/24 05:30	18	21	39	1	8.4	99	1.0	355	22
19/08/24 05:35	18	21	38	1	8.4	99	1.0	323	32
19/08/24 05:40	17	21	38	1	8.5	99	1.2	7	22
19/08/24 05:45	16	21	37	1	8.5	99	0.9	8	28
19/08/24 05:50	16	20	36	1	8.5	99	1.3	41	14
19/08/24 05:55	15	21	35	1	8.4	99	1.6	40	11
19/08/24 06:00	14	22	36	1	8.4	99	1.1	34	15
19/08/24 06:05	12	23	34	1	8.4	99	1.1	20	28
19/08/24 06:10	10	22	32	1	8.5	99	1.3	9	18
19/08/24 06:15	9	22	31	1	8.4	99	1.7	355	22
19/08/24 06:20	8	21	29	1	8.4	99	1.0	6	24
19/08/24 06:25	7	20	28	1	8.5	100	1.2	45	21
19/08/24 06:30	7	20	27	1	8.5	100	1.2	42	19
19/08/24 06:35	6	18	24	1	8.6	100	1.6	22	19
19/08/24 06:40	5	17	22	1	8.5	99	1.4	6	21
19/08/24 06:45	4	16	20	1	8.5	100	0.8	348	28
19/08/24 06:50	4	17	21	1	8.7	100	0.6	47	25
19/08/24 06:55	7	23	30	1	8.7	100	0.9	42	16
19/08/24 07:00	10	23	33	1	8.6	100	1.0	27	24
19/08/24 07:05	12	22	33	1	8.7	100	1.3	37	24
19/08/24 07:10	12	22	34	1	8.7	100	0.8	41	20
19/08/24 07:15	12	22	34	1	8.8	100	0.6	2	36
19/08/24 07:20	13	22	35	1	8.8	100	0.9	73	9
19/08/24 07:25	15	21	36	1	8.7	100	0.8	48	20
19/08/24 07:30	18	19	37	1	8.7	99	0.7	34	22
19/08/24 07:35	20	19	39	1	8.8	99	1.1	326	36
19/08/24 07:40	20	19	39	1	8.8	99	1.0	332	34
19/08/24 07:45	22	19	41	1	8.8	99	1.0	351	31
19/08/24 07:50	23	19	42	1	8.7	99	0.9	17	28
19/08/24 07:55	23	20	42	2	8.7	99	1.1	34	26
19/08/24 08:00	23	20	43	2	8.7	99	1.3	2	21
19/08/24 08:05	25	20	46	2	8.7	99	0.9	33	19
19/08/24 08:10	28	21	49	2	8.8	99	0.4	103	32
19/08/24 08:15	29	21	50	2	8.9	99	0.9	82	21
19/08/24 08:20	28	20	48	1	8.9	99	1.0	58	19
19/08/24 08:25	28	20	48	1	8.8	99	0.9	56	13
19/08/24 08:30	28	21	49	1	8.9	99	0.6	81	17
19/08/24 08:35	29	21	50	1	9.0	99	0.5	139	25
19/08/24 08:40	28	21	49	1	9.1	98	0.3	189	57
19/08/24 08:45	28	21	49	1	9.1	98	0.5	238	23
19/08/24 08:50	29	21	50	1	9.2	98	0.7	238	18
19/08/24 08:55	30	21	51	1	9.3	98	0.7	254	23
19/08/24 09:00	32	21	53	1	9.4	97	0.1	253	76

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/08/24 09:05	33	21	55	1	9.6	97	0.7	249	13
19/08/24 09:10	35	22	56	1	9.8	97	0.9	221	24
19/08/24 09:15	35	21	56	2	10.2	96	0.6	166	38
19/08/24 09:20	36	21	57	1	10.6	94	1.0	148	20
19/08/24 09:25	36	21	56	1	10.9	92	1.3	138	16
19/08/24 09:30	35	20	55	1	11.1	90	1.2	142	24
19/08/24 09:35	34	20	54	1	11.1	87	1.3	133	20
19/08/24 09:40	34	19	53	1	11.3	87	1.0	142	23
19/08/24 09:45	33	19	52	1	11.6	85	0.9	156	25
19/08/24 09:50	33	19	51	1	11.6	83	0.9	162	31
19/08/24 09:55	32	18	50	1	11.7	83	1.0	157	29
19/08/24 10:00	31	18	49	1	11.8	83	0.7	179	41
19/08/24 10:05	31	18	49	1	12.1	82	0.6	170	47
19/08/24 10:10	30	18	48	1	12.3	80	1.0	152	24
19/08/24 10:15	30	17	48	1	12.2	80	0.7	160	37
19/08/24 10:20	30	17	47	1	12.2	81	1.0	157	22
19/08/24 10:25	29	17	47	1	12.4	80	1.1	153	24
19/08/24 10:30	29	17	46	1	12.4	79	0.9	158	34
19/08/24 10:35	29	17	46	1	12.5	80	0.9	167	37
19/08/24 10:40	28	17	46	1	12.6	79	1.0	150	33
19/08/24 10:45	28	17	45	1	12.8	79	1.0	165	34
19/08/24 10:50	27	17	44	1	12.8	78	0.9	155	41
19/08/24 10:55	27	17	43	1	12.9	79	0.6	163	52
19/08/24 11:00	26	17	43	1	13.0	78	0.6	164	49
19/08/24 11:05	25	16	42	1	13.1	77	1.0	158	30
19/08/24 11:10	25	16	41	2	13.1	78	0.8	168	45
19/08/24 11:15	24	16	40	1	12.6	80	1.4	214	19
19/08/24 11:20	23	16	40	1	12.4	83	1.4	183	27
19/08/24 11:25	22	16	38	1	12.7	81	1.6	160	21
19/08/24 11:30	20	15	36	1	13.2	79	1.3	164	28
19/08/24 11:35	18	14	31	1	13.4	78	1.5	161	25
19/08/24 11:40	16	13	29	1	13.4	78	1.4	162	25
19/08/24 11:45	16	13	28	1	13.3	79	1.4	162	23
19/08/24 11:50	15	13	28	1	13.4	78	1.3	159	25
19/08/24 11:55	15	12	27	1	13.5	79	1.3	158	22
19/08/24 12:00	14	13	27	1	13.6	78	1.3	161	24
19/08/24 12:05	14	13	27	1	13.8	78	1.1	164	33
19/08/24 12:10	14	13	27	1	13.9	78	1.2	160	25
19/08/24 12:15	14	13	27	1	13.9	78	1.1	157	26
19/08/24 12:20	14	13	27	1	13.9	78	1.2	178	25
19/08/24 12:25	14	13	27	1	14.0	77	1.5	163	21
19/08/24 12:30	14	13	27	1	14.2	77	1.6	171	23
19/08/24 12:35	15	13	28	1	14.3	77	1.5	176	23
19/08/24 12:40	15	14	29	1	14.4	76	1.6	162	18
19/08/24 12:45	15	13	28	1	14.3	77	1.1	176	23
19/08/24 12:50	15	13	28	1	14.6	77	0.8	171	39
19/08/24 12:55	15	13	28	1	14.9	76	1.1	163	33
19/08/24 13:00	15	13	28	1	15.3	74	1.3	169	26
19/08/24 13:05	16	14	30	1	15.0	75	1.5	174	26
19/08/24 13:10	17	15	31	1	15.0	76	1.4	167	22
19/08/24 13:15	18	15	33	1	15.2	75	1.5	193	14
19/08/24 13:20	18	16	33	1	15.4	74	0.9	209	48
19/08/24 13:25	17	16	33	1	14.9	75	1.2	208	17
19/08/24 13:30	16	16	32	1	15.4	73	0.7	208	39
19/08/24 13:35	15	15	30	1	16.4	70	2.5	44	24
19/08/24 13:40	8	6	14	1	17.8	64	2.5	6	31
19/08/24 13:45	3	8	12	1	18.4	62	2.5	8	27
19/08/24 13:50	3	7	10	1	18.8	60	2.7	354	28
19/08/24 13:55	3	6	9	1	18.5	61	2.6	342	32
19/08/24 14:00	3	6	9	1	18.4	61	2.3	348	42
19/08/24 14:05	3	6	9	1	18.3	61	2.4	351	36
19/08/24 14:10	3	6	9	1	18.6	60	2.2	0	37
19/08/24 14:15	3	6	9	1	18.9	58	2.2	358	34
19/08/24 14:20	3	6	9	1	19.1	57	2.5	5	27
19/08/24 14:25	3	6	9	1	18.9	57	3.7	21	20
19/08/24 14:30	3	6	8	1	18.6	58	3.4	345	23
19/08/24 14:35	3	6	8	1	18.4	59	3.2	327	32
19/08/24 14:40	3	6	8	1	18.4	59	2.8	354	26
19/08/24 14:45	3	6	9	1	18.6	58	3.0	330	25
19/08/24 14:50	3	6	9	1	18.4	58	2.9	2	28
19/08/24 14:55	3	6	9	1	18.6	57	3.2	15	20
19/08/24 15:00	3	6	9	1	18.5	57	2.5	320	31
19/08/24 15:05	3	6	9	1	18.3	58	3.3	312	21
19/08/24 15:10	2	6	8	1	18.1	59	3.3	314	20
19/08/24 15:15	3	6	9	1	18.3	58	1.8	342	31
19/08/24 15:20	3	7	10	1	18.8	56	1.9	317	40
19/08/24 15:25	3	6	9	1	18.4	56	2.8	324	30
19/08/24 15:30	3	6	9	1	18.5	56	2.5	346	34
19/08/24 15:35	3	6	9	1	18.5	56	3.5	314	27
19/08/24 15:40	2	6	9	1	18.2	57	4.0	307	17
19/08/24 15:45	2	6	8	1	18.1	58	2.7	329	33
19/08/24 15:50	2	6	9	1	18.3	57	3.0	330	25
19/08/24 15:55	2	6	9	1	18.3	57	1.9	330	41
19/08/24 16:00	2	7	9	1	18.3	56	1.9	337	30

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/08/24 16:05	2	7	9	1	18.4	56	3.0	325	30
19/08/24 16:10	2	7	9	1	18.1	57	3.2	326	26
19/08/24 16:15	2	6	8	1	17.8	58	3.0	323	27
19/08/24 16:20	2	6	9	2	17.7	58	2.4	329	33
19/08/24 16:25	2	7	9	2	17.6	59	3.1	312	21
19/08/24 16:30	2	7	9	2	17.5	60	2.0	314	27
19/08/24 16:35	3	8	10	1	17.5	60	2.2	321	25
19/08/24 16:40	2	8	11	1	17.4	60	2.5	318	33
19/08/24 16:45	2	9	11	1	17.5	60	2.7	324	25
19/08/24 16:50	2	9	11	1	17.5	60	1.9	316	24
19/08/24 16:55	2	9	12	1	17.5	60	1.9	318	25
19/08/24 17:00	3	10	13	2	17.7	59	1.6	336	22
19/08/24 17:05	3	11	14	2	17.8	59	1.9	342	35
19/08/24 17:10	2	11	14	2	17.7	59	1.0	323	39
19/08/24 17:15	2	12	14	2	17.5	60	1.9	341	26
19/08/24 17:20	2	12	14	1	17.5	60	1.1	324	37
19/08/24 17:25	2	12	14	1	17.4	60	1.8	328	29
19/08/24 17:30	2	11	13	1	17.3	61	1.2	306	32
19/08/24 17:35	1	10	12	1	17.2	61	1.7	318	22
19/08/24 17:40	1	11	12	1	17.0	62	1.2	318	33
19/08/24 17:45	1	12	13	1	16.9	63	1.8	323	25
19/08/24 17:50	1	12	13	1	16.7	64	1.5	313	27
19/08/24 17:55	1	12	13	1	16.7	64	1.1	341	36
19/08/24 18:00	1	13	14	1	16.7	64	1.6	319	18
19/08/24 18:05	1	16	17	1	16.7	64	1.1	346	40
19/08/24 18:10	2	21	23	1	16.7	64	1.9	2	23
19/08/24 18:15	2	21	23	1	16.6	64	1.5	355	33
19/08/24 18:20	2	19	21	1	16.6	64	1.0	335	36
19/08/24 18:25	2	20	21	1	16.5	64	1.7	321	23
19/08/24 18:30	2	20	22	1	16.5	65	1.2	325	27
19/08/24 18:35	2	21	23	1	16.4	65	1.1	323	29
19/08/24 18:40	3	22	24	1	16.3	66	1.0	333	28
19/08/24 18:45	3	22	25	1	16.2	66	1.2	330	21
19/08/24 18:50	3	23	27	1	16.4	66	0.9	343	35
19/08/24 18:55	6	24	30	1	16.2	67	0.5	329	48
19/08/24 19:00	13	26	39	1	16.0	67	0.6	355	40
19/08/24 19:05	20	28	47	2	15.9	68	0.8	360	25
19/08/24 19:10	19	28	47	2	15.8	68	0.9	4	21
19/08/24 19:15	17	29	46	1	15.7	69	0.9	5	21
19/08/24 19:20	11	31	42	1	15.6	69	0.8	9	29
19/08/24 19:25	7	25	32	1	15.6	70	1.0	4	28
19/08/24 19:30	4	24	28	1	15.6	70	1.3	24	15
19/08/24 19:35	3	22	25	1	15.7	70	1.6	18	20
19/08/24 19:40	2	18	20	1	15.6	69	1.7	17	15
19/08/24 19:45	2	17	19	1	15.6	69	1.6	16	16
19/08/24 19:50	1	17	18	1	15.6	69	1.7	14	15
19/08/24 19:55	1	17	18	1	15.6	70	1.1	10	24
19/08/24 20:00	1	16	17	1	15.4	70	1.5	19	24
19/08/24 20:05	1	15	16	1	15.4	70	1.4	29	14
19/08/24 20:10	1	15	16	1	15.4	71	1.6	23	25
19/08/24 20:15	1	14	15	1	15.4	71	1.8	25	15
19/08/24 20:20	1	14	14	1	15.5	71	2.1	24	13
19/08/24 20:25	1	13	14	1	15.4	71	2.0	25	15
19/08/24 20:30	1	13	13	1	15.5	71	1.4	17	19
19/08/24 20:35	0	12	13	1	15.4	71	1.8	15	15
19/08/24 20:40	0	12	12	1	15.4	71	1.5	16	17
19/08/24 20:45	0	12	12	1	15.4	71	1.1	12	20
19/08/24 20:50	0	12	12	1	15.4	71	0.9	30	20
19/08/24 20:55	0	13	13	1	15.2	72	0.5	30	32
19/08/24 21:00	0	13	14	1	15.0	72	0.8	52	15
19/08/24 21:05	0	14	14	1	14.9	73	1.0	68	20
19/08/24 21:10	0	15	15	1	14.8	74	1.0	77	14
19/08/24 21:15	0	15	16	1	14.6	74	1.2	80	12
19/08/24 21:20	0	16	16	1	14.6	74	1.4	66	16
19/08/24 21:25	0	17	17	1	14.8	74	1.2	66	16
19/08/24 21:30	1	17	18	1	14.6	74	1.5	74	12
19/08/24 21:35	1	18	19	1	14.6	74	1.7	81	11
19/08/24 21:40	1	18	19	1	14.5	75	2.0	85	12
19/08/24 21:45	1	18	19	2	14.5	74	2.2	85	9
19/08/24 21:50	1	18	19	1	14.5	74	2.2	83	12
19/08/24 21:55	1	18	19	1	14.6	74	2.1	82	14
19/08/24 22:00	1	17	18	1	14.5	74	1.8	70	18
19/08/24 22:05	1	16	17	1	14.4	75	2.6	71	13
19/08/24 22:10	1	15	15	1	14.4	75	2.3	71	15
19/08/24 22:15	1	14	15	1	14.3	75	2.2	71	14
19/08/24 22:20	1	14	14	1	14.2	76	2.4	79	12
19/08/24 22:25	1	14	14	1	14.2	76	2.7	79	11
19/08/24 22:30	1	14	14	1	14.2	75	2.4	79	14
19/08/24 22:35	0	14	14	1	14.1	76	1.7	70	15
19/08/24 22:40	0	14	14	1	14.1	76	2.1	79	12
19/08/24 22:45	0	14	14	2	14.1	76	2.6	82	10
19/08/24 22:50	0	14	14	1	14.1	76	2.2	76	13
19/08/24 22:55	0	13	14	1	14.0	76	1.9	75	15
19/08/24 23:00	0	13	14	1	14.0	76	2.2	78	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/08/24 23:05	0	14	14	1	13.9	76	2.4	80	13
19/08/24 23:10	0	13	14	1	13.9	76	2.6	82	12
19/08/24 23:15	0	13	13	1	14.0	76	3.3	83	14
19/08/24 23:20	0	12	13	1	14.0	76	3.2	86	12
19/08/24 23:25	0	12	13	1	13.9	76	3.0	83	14
19/08/24 23:30	0	12	12	1	13.9	76	3.3	80	14
19/08/24 23:35	0	12	12	1	14.0	76	3.0	82	13
19/08/24 23:40	0	11	12	1	14.1	75	2.6	82	13
19/08/24 23:45	0	11	11	1	14.1	75	2.1	67	18
19/08/24 23:50	0	10	10		14.2	75	1.8	68	16
19/08/24 23:55	0	10	10		14.2	75	2.1	58	14
20/08/24 00:00	0	9	9	1	14.4	74	1.6	50	10
20/08/24 00:05	0	9	9	2	14.3	75	1.5	48	12
20/08/24 00:10	0	8	9	1	14.3	75	1.5	54	10
20/08/24 00:15	0	8	8	1	14.3	75	1.5	64	11
20/08/24 00:20	0	8	8	1	14.3	75	1.5	64	13
20/08/24 00:25	0	8	8	1	14.1	75	1.3	61	15
20/08/24 00:30	0	8	8	1	14.3	75	0.9	54	24
20/08/24 00:35	0	8	8	0	14.3	75	0.6	34	33
20/08/24 00:40	0	8	8	0	14.1	76	0.4	305	61
20/08/24 00:45	11	21	32	0	13.9	79	0.4	264	50
20/08/24 00:50	22	21	43	0	13.6	80	0.1	299	70
20/08/24 00:55	22	20	42	1	13.5	81	0.4	47	40
20/08/24 01:00	6	9	15	1	13.5	79	0.9	44	17
20/08/24 01:05					13.7	78	0.8	42	18
20/08/24 01:10					13.7	77	0.8	57	11
20/08/24 01:15					13.8	77	1.3	76	13
20/08/24 01:20					13.8	77	0.4	97	44
20/08/24 01:25					13.8	80	0.6	258	14
20/08/24 01:30					13.4	82	1.0	272	33
20/08/24 01:35					13.2	84	1.0	282	15
20/08/24 01:40					13.1	85	1.3	272	11
20/08/24 01:45					12.9	87	1.5	263	9
20/08/24 01:50					12.9	87	0.9	264	9
20/08/24 01:55					12.9	87	0.4	261	21
20/08/24 02:00					12.8	86	0.8	281	16
20/08/24 02:05	31	20	51	1	12.9	85	0.6	273	21
20/08/24 02:10	32	21	54	1	12.9	84	0.3	281	41
20/08/24 02:15	33	21	54	1	13.0	84	0.8	259	4
20/08/24 02:20	34	21	55	1	13.0	84	0.6	269	5
20/08/24 02:25	35	21	56	1	12.9	85	0.3	268	13
20/08/24 02:30	35	21	56	1	12.9	86	0.7	242	11
20/08/24 02:35	35	21	55	1	12.8	88	1.0	241	6
20/08/24 02:40	36	21	57	1	12.7	87	1.2	243	5
20/08/24 02:45	37	21	57	1	12.6	88	1.5	249	7
20/08/24 02:50	36	20	56	1	12.6	88	1.1	263	3
20/08/24 02:55	42	19	61	1	12.5	88	1.0	264	3
20/08/24 03:00	43	18	61	1	12.7	88	0.9	272	10
20/08/24 03:05	43	19	61	1	12.5	88	0.7	278	10
20/08/24 03:10	43	19	62	1	12.4	87	0.4	273	19
20/08/24 03:15	43	19	62	1	12.5	87	0.1	150	69
20/08/24 03:20	43	19	62	1	12.4	87	0.0	75	91
20/08/24 03:25	43	19	63	1	12.4	86	0.2	60	41
20/08/24 03:30	43	19	63	1	12.4	86	0.6	53	11
20/08/24 03:35	42	20	62	1	12.5	85	0.8	62	10
20/08/24 03:40	23	33	56	1	12.6	84	0.5	41	14
20/08/24 03:45	22	26	48	1	12.6	84	0.8	42	10
20/08/24 03:50	26	21	47	1	12.6	84	0.7	54	10
20/08/24 03:55	24	22	45	1	12.6	84	0.8	48	16
20/08/24 04:00	23	21	44	1	12.6	83	1.2	46	12
20/08/24 04:05	22	21	43	1	12.7	83	0.8	23	18
20/08/24 04:10	22	20	42	1	12.7	84	1.2	48	16
20/08/24 04:15	19	21	40	1	12.8	84	1.1	29	21
20/08/24 04:20	11	21	32	1	13.0	82	1.5	15	21
20/08/24 04:25	5	15	20	1	13.3	81	1.4	22	20
20/08/24 04:30	3	14	17	1	13.6	80	1.3	18	28
20/08/24 04:35	2	12	14	1	13.8	78	2.1	29	17
20/08/24 04:40	1	10	11	1	14.0	77	2.1	24	24
20/08/24 04:45	1	9	10	1	14.1	76	3.1	25	13
20/08/24 04:50	1	9	10	1	14.3	75	2.3	25	19
20/08/24 04:55	1	9	10	1	14.3	75	2.6	28	16
20/08/24 05:00	1	9	10	1	14.3	76	2.0	14	23
20/08/24 05:05	1	9	10	1	14.2	76	2.2	12	16
20/08/24 05:10	1	10	10	1	14.2	76	1.7	5	25
20/08/24 05:15	1	10	11	1	14.2	76	1.9	6	22
20/08/24 05:20	1	10	11	1	14.1	76	2.3	21	14
20/08/24 05:25	1	11	12	0	14.1	77	1.6	351	27
20/08/24 05:30	1	11	12	1	14.1	77	1.5	347	29
20/08/24 05:35	1	12	13	1	14.1	77	1.5	336	23
20/08/24 05:40	1	12	13	1	14.0	77	1.5	358	20
20/08/24 05:45	1	12	13	1	14.2	76	1.9	7	22
20/08/24 05:50	1	13	13	1	14.1	76	2.3	5	17
20/08/24 05:55	1	13	13	1	14.1	76	1.7	2	23
20/08/24 06:00	1	13	13	1	14.0	77	1.6	353	29

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/08/24 06:05	1	13	14	1	14.0	77	1.6	348	24
20/08/24 06:10	1	14	15	1	14.0	77	1.9	9	29
20/08/24 06:15	1	15	16	1	14.1	77	2.5	10	18
20/08/24 06:20	1	15	16	1	14.2	76	2.2	6	24
20/08/24 06:25	1	15	16	1	14.1	76	2.5	21	19
20/08/24 06:30	1	15	16	1	14.3	76	3.2	26	16
20/08/24 06:35	1	16	17	1	14.3	76	3.0	20	17
20/08/24 06:40	2	17	19	1	14.2	77	2.7	7	17
20/08/24 06:45	3	18	21	1	14.1	77	2.5	5	15
20/08/24 06:50	4	22	25	1	14.2	77	2.4	7	17
20/08/24 06:55	4	22	26	1	14.2	77	2.3	4	23
20/08/24 07:00	5	21	26	1	14.4	75	2.4	5	22
20/08/24 07:05	5	21	25	1	14.7	74	2.2	0	19
20/08/24 07:10	5	21	25	1	14.7	74	2.3	359	23
20/08/24 07:15	5	20	25	1	14.6	74	2.4	11	22
20/08/24 07:20	5	20	25	1	14.7	75	2.8	28	15
20/08/24 07:25	4	20	24	1	14.7	78	3.3	42	14
20/08/24 07:30	4	20	24	1	14.5	78	4.0	52	10
20/08/24 07:35	4	19	22	1	14.7	77	4.8	56	11
20/08/24 07:40	4	19	23	1	14.6	78	5.7	62	11
20/08/24 07:45	5	20	24	1	14.5	79	6.8	56	8
20/08/24 07:50	5	20	25	1	14.5	78	5.0	50	14
20/08/24 07:55	5	19	24	1	14.8	75	5.2	40	17
20/08/24 08:00	4	16	20	1	15.2	72	4.4	42	14
20/08/24 08:05	4	12	15	1	15.3	71	4.8	38	15
20/08/24 08:10	3	10	13	1	15.6	69	5.5	41	15
20/08/24 08:15	3	10	13	1	15.8	68	5.0	35	16
20/08/24 08:20	3	10	12	1	15.9	67	4.1	28	14
20/08/24 08:25	3	11	14	1	16.0	67	3.6	31	21
20/08/24 08:30	3	11	14	1	16.0	67	4.1	19	20
20/08/24 08:35	3	11	14	1	16.0	67	2.9	11	21
20/08/24 08:40	3	12	15	1	16.0	68	2.3	356	29
20/08/24 08:45	4	14	18	1	16.1	68	2.5	12	28
20/08/24 08:50	5	17	22	1	16.4	66	2.8	12	30
20/08/24 08:55	6	15	21	1	16.8	64	4.0	7	18
20/08/24 09:00	6	14	20	1	16.9	63	3.9	11	23
20/08/24 09:05	5	12	17	1	16.8	63	4.4	10	20
20/08/24 09:10	5	11	15	1	16.7	63	3.7	14	19
20/08/24 09:15	4	11	15	1	16.7	63	4.6	25	16
20/08/24 09:20	4	10	14	1	16.6	63	4.6	27	17
20/08/24 09:25	4	10	14	1	16.6	64	3.4	23	24
20/08/24 09:30	4	11	14	1	16.5	64	2.8	19	25
20/08/24 09:35	3	11	14	1	16.7	63	4.2	5	20
20/08/24 09:40	4	11	15	1	16.6	63	4.9	2	22
20/08/24 09:45	4	11	14	1	16.8	61	4.6	10	22
20/08/24 09:50	3	10	13	1	16.8	62	4.0	4	27
20/08/24 09:55	3	10	13	1	16.8	62	3.2	359	34
20/08/24 10:00	3	10	13	1	16.7	62	3.3	7	26
20/08/24 10:05	3	11	14	1	16.6	62	3.3	2	22
20/08/24 10:10	3	12	15	1	16.5	63	3.1	357	27
20/08/24 10:15	3	13	16	0	16.4	63	3.2	7	26
20/08/24 10:20	3	12	15	1	16.2	64	3.6	9	26
20/08/24 10:25	3	12	15	1	16.2	64	3.9	14	21
20/08/24 10:30	3	11	14	1	16.1	64	4.1	13	22
20/08/24 10:35	2	10	12	1	16.2	64	3.9	5	21
20/08/24 10:40	2	11	13	1	16.1	64	2.5	354	35
20/08/24 10:45	2	12	15	1	16.2	64	2.9	343	34
20/08/24 10:50	3	16	19	1	16.1	65	1.8	326	39
20/08/24 10:55	5	22	26	1	16.0	67	2.5	349	29
20/08/24 11:00	5	22	27	1	15.8	68	3.1	360	29
20/08/24 11:05	6	20	26	1	15.6	70	3.3	9	29
20/08/24 11:10	5	18	23	0	15.4	71	3.7	10	26
20/08/24 11:15	4	13	18	0	15.1	74	3.2	17	31
20/08/24 11:20	4	11	15	1	15.0	74	3.8	360	23
20/08/24 11:25	3	9	12	0	15.0	74	3.2	2	21
20/08/24 11:30	3	10	13	1	14.9	74	3.2	7	19
20/08/24 11:35	4	12	16	1	15.0	75	3.0	9	19
20/08/24 11:40	4	14	18	1	15.0	74	3.1	7	23
20/08/24 11:45	4	15	20	1	15.1	74	2.4	2	30
20/08/24 11:50	5	15	20	1	15.2	74	3.3	5	26
20/08/24 11:55	4	14	18	1	15.2	73	3.7	11	21
20/08/24 12:00	4	13	17	1	15.3	73	3.8	9	18
20/08/24 12:05	4	13	17	1	15.3	73	4.0	24	20
20/08/24 12:10	4	12	16	1	15.4	72	4.2	29	17
20/08/24 12:15	3	11	15	0	15.5	72	3.4	26	17
20/08/24 12:20	3	11	14	0	15.6	72	3.8	20	25
20/08/24 12:25	3	10	13	0	15.6	72	4.6	32	18
20/08/24 12:30	3	9	13	1	15.7	72	4.3	27	19
20/08/24 12:35	3	9	12	1	15.7	72	5.2	29	16
20/08/24 12:40	3	9	12	1	15.7	72	5.3	30	19
20/08/24 12:45	3	9	11	1	15.7	73	3.1	24	23
20/08/24 12:50	2	9	11	1	15.7	72	4.3	19	19
20/08/24 12:55	2	8	11	1	15.7	72	4.9	17	25
20/08/24 13:00	2	8	10	0	15.7	73	3.7	10	24

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/08/24 13:05	2	8	10	1	15.5	74	3.5	11	20
20/08/24 13:10	2	9	12	1	15.5	74	3.7	3	19
20/08/24 13:15	3	10	13	1	15.6	74	3.3	12	26
20/08/24 13:20	3	10	13	1	15.7	74	3.1	6	22
20/08/24 13:25	3	10	13	1	15.7	75	2.5	15	19
20/08/24 13:30	3	11	14	0	15.7	75	2.7	24	18
20/08/24 13:35	3	11	14	0	15.8	74	3.0	25	15
20/08/24 13:40	3	11	14	0	15.9	73	3.6	29	13
20/08/24 13:45	3	12	14	0	16.1	71	3.7	21	18
20/08/24 13:50	3	12	14	1	16.4	67	4.9	16	22
20/08/24 13:55	2	11	13	1	16.6	65	3.8	11	23
20/08/24 14:00	2	10	12	1	16.7	65	4.6	14	21
20/08/24 14:05	2	10	11	1	16.6	66	4.6	16	21
20/08/24 14:10	2	9	11	0	16.6	66	5.5	21	17
20/08/24 14:15	2	9	10	0	16.5	66	6.0	20	19
20/08/24 14:20	2	8	10	1	16.5	66	5.0	29	14
20/08/24 14:25	2	8	10	1	16.5	66	5.6	36	14
20/08/24 14:30	2	8	9	1	16.4	67	4.4	32	20
20/08/24 14:35	2	8	9	0	16.3	67	4.1	20	20
20/08/24 14:40	2	7	9	0	16.4	68	4.0	25	18
20/08/24 14:45	2	7	9	0	16.3	69	3.0	11	26
20/08/24 14:50	2	7	9	0	16.4	69	3.6	20	18
20/08/24 14:55	2	8	10	0	16.4	69	3.6	17	19
20/08/24 15:00	2	8	10	0	16.4	70	2.9	24	18
20/08/24 15:05	2	8	11	1	16.3	70	2.5	12	22
20/08/24 15:10	3	9	11	1	16.5	70	4.0	22	17
20/08/24 15:15	3	9	11	1	16.6	69	3.8	24	17
20/08/24 15:20	3	9	12	1	16.8	68	3.7	22	15
20/08/24 15:25	3	9	12	1	16.9	68	2.5	18	22
20/08/24 15:30	3	10	13	1	17.2	65	3.9	30	18
20/08/24 15:35	3	9	13	1	17.6	61	5.0	26	13
20/08/24 15:40	3	9	11	1	17.6	59	4.6	30	17
20/08/24 15:45	2	8	10	1	17.9	58	4.2	28	17
20/08/24 15:50	2	7	9	1	18.2	56	5.2	25	17
20/08/24 15:55	2	6	8	1	18.5	54	6.1	28	14
20/08/24 16:00	2	6	8	1	18.5	54	5.4	26	13
20/08/24 16:05	2	6	8	1	18.5	54	3.8	21	18
20/08/24 16:10	2	6	8	1	18.7	53	3.5	12	26
20/08/24 16:15	2	6	7	1	18.7	52	4.6	358	28
20/08/24 16:20	2	5	7	1	18.7	53	3.6	9	22
20/08/24 16:25	2	5	7	1	18.5	53	3.9	25	16
20/08/24 16:30	2	5	7	0	18.4	54	2.6	3	32
20/08/24 16:35	2	6	7	0	18.3	55	2.6	20	22
20/08/24 16:40	2	6	7	0	18.3	56	3.0	13	26
20/08/24 16:45	1	6	7	0	18.3	56	3.6	5	19
20/08/24 16:50	1	6	7	1	18.3	56	2.8	14	30
20/08/24 16:55	1	6	7	1	18.2	56	3.3	7	26
20/08/24 17:00	1	6	7	0	18.2	56	3.5	10	26
20/08/24 17:05	1	6	7	0	18.3	56	4.1	17	19
20/08/24 17:10	1	6	8	0	18.2	56	2.8	14	24
20/08/24 17:15	1	6	7	1	18.2	56	3.5	12	30
20/08/24 17:20	1	6	7	1	18.1	57	4.0	21	16
20/08/24 17:25	1	6	7	0	18.1	57	2.6	21	18
20/08/24 17:30	1	6	7	1	17.9	57	2.8	24	21
20/08/24 17:35	1	6	7	1	17.9	57	3.2	18	20
20/08/24 17:40	1	7	8	1	17.8	58	2.9	25	17
20/08/24 17:45	1	7	8	1	17.8	57	3.7	26	18
20/08/24 17:50	1	8	9	1	17.7	58	3.0	25	17
20/08/24 17:55	1	9	9	1	17.7	58	3.2	18	18
20/08/24 18:00	1	9	9	1	17.6	58	2.5	23	22
20/08/24 18:05	1	9	10	1	17.6	59	1.6	2	28
20/08/24 18:10	1	10	10	1	17.4	59	2.1	358	29
20/08/24 18:15	1	10	11	1	17.3	60	1.7	299	15
20/08/24 18:20	1	12	12	1	17.1	61	2.4	305	14
20/08/24 18:25	1	13	14	1	17.2	60	2.3	308	18
20/08/24 18:30	1	14	15	1	17.2	61	2.6	306	16
20/08/24 18:35	1	16	16	1	17.0	62	2.4	309	13
20/08/24 18:40	1	15	16	1	17.0	63	2.0	313	22
20/08/24 18:45	1	14	15	1	16.8	64	2.7	308	19
20/08/24 18:50	1	13	14	1	16.8	65	3.0	315	21
20/08/24 18:55	1	12	13	1	16.7	66	1.4	351	40
20/08/24 19:00	1	12	13	1	16.5	67	2.1	338	36
20/08/24 19:05	1	12	14	1	16.4	67	2.3	341	25
20/08/24 19:10	1	13	14	1	16.4	68	2.3	332	24
20/08/24 19:15	2	14	15	1	16.3	68	2.7	346	25
20/08/24 19:20	2	14	16	1	16.3	68	3.3	7	19
20/08/24 19:25	2	14	15	1	16.3	68	2.8	0	24
20/08/24 19:30	1	13	14	1	16.3	68	3.2	358	23
20/08/24 19:35	1	12	14	1	16.3	68	3.9	1	28
20/08/24 19:40	1	11	13	1	16.5	68	2.7	350	29
20/08/24 19:45	1	11	12	1	16.4	69	2.3	349	32
20/08/24 19:50	1	11	12	1	16.4	69	2.9	357	24
20/08/24 19:55	1	11	12	1	16.5	68	3.2	340	29
20/08/24 20:00	1	11	12	1	16.6	68	2.4	344	37

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/08/24 20:05	1	11	13	1	16.6	68	3.4	347	28
20/08/24 20:10	1	12	13	1	16.7	68	2.7	340	27
20/08/24 20:15	1	11	13	1	16.6	68	2.1	349	35
20/08/24 20:20	1	11	13	1	16.6	69	2.7	351	29
20/08/24 20:25	1	12	13	1	16.6	69	2.5	2	23
20/08/24 20:30	1	12	13	1	16.7	69	2.7	2	32
20/08/24 20:35	1	12	13	1	16.6	69	2.8	356	23
20/08/24 20:40	1	11	12	1	16.6	70	2.8	356	30
20/08/24 20:45	1	11	12	1	16.6	70	3.0	344	30
20/08/24 20:50	1	11	12	1	16.6	70	2.0	322	35
20/08/24 20:55	1	11	12	1	16.6	70	1.8	337	38
20/08/24 21:00	1	12	13	1	16.6	70	2.2	338	35
20/08/24 21:05	2	12	14	1	16.8	70	1.7	342	48
20/08/24 21:10	2	13	14	1	16.7	71	2.8	333	32
20/08/24 21:15	2	12	14	1	16.5	74	2.5	333	27
20/08/24 21:20	2	12	13	1	16.3	75	1.5	330	38
20/08/24 21:25	1	11	12	1	16.2	76	1.6	338	34
20/08/24 21:30	1	11	12	1	16.1	76	2.2	348	36
20/08/24 21:35	2	12	14	1	16.2	76	2.7	347	29
20/08/24 21:40	2	12	14	1	16.1	76	2.9	352	27
20/08/24 21:45	2	12	14	1	16.0	78	1.8	352	40
20/08/24 21:50	2	12	13	1	15.8	80	2.1	3	21
20/08/24 21:55	1	11	12	1	15.8	80	2.7	3	20
20/08/24 22:00	1	10	12	1	15.7	79	2.7	356	25
20/08/24 22:05	1	10	11	1	15.8	79	2.9	12	24
20/08/24 22:10	1	9	10	1	15.8	80	2.8	12	21
20/08/24 22:15	1	8	9	1	15.7	80	1.9	352	38
20/08/24 22:20	1	8	8	1	15.6	81	3.4	9	27
20/08/24 22:25	0	7	8	0	15.7	80	4.2	10	22
20/08/24 22:30	0	6	7	0	15.8	79	3.8	7	26
20/08/24 22:35	0	6	6	0	15.7	79	3.0	14	25
20/08/24 22:40	0	5	6	0	15.8	78	2.7	15	23
20/08/24 22:45	0	5	6	0	15.8	77	2.4	2	21
20/08/24 22:50	0	5	6	1	15.6	77	2.2	1	21
20/08/24 22:55	0	6	6	1	15.6	77	1.5	356	33
20/08/24 23:00	0	7	7	1	15.6	76	2.0	351	23
20/08/24 23:05	0	8	8	0	15.6	75	1.6	353	33
20/08/24 23:10	0	9	9	0	15.6	76	1.8	359	25
20/08/24 23:15	0	9	10	1	15.6	76	1.9	5	26
20/08/24 23:20	1	9	10	1	15.6	77	2.5	359	23
20/08/24 23:25	1	8	9	0	15.6	77	2.2	2	28
20/08/24 23:30	0	8	8	0	15.5	78	1.8	355	29
20/08/24 23:35	0	8	8	1	15.5	79	1.4	351	44
20/08/24 23:40	0	8	8	0	15.3	80	2.2	351	36
20/08/24 23:45	0	8	8	0	15.3	80	2.7	5	23
20/08/24 23:50	0	8	9		15.2	81	2.5	5	19
20/08/24 23:55	0	9	9		15.2	81	2.3	3	29
21/08/24 00:00	0	9	9	0	15.2	81	2.2	6	19
21/08/24 00:05	0	9	10	1	15.1	82	1.7	358	27
21/08/24 00:10	0	10	10	0	15.2	82	1.6	347	25
21/08/24 00:15	0	10	10	1	15.1	82	1.4	339	28
21/08/24 00:20	0	11	11	1	15.0	82	1.4	335	30
21/08/24 00:25	0	12	12	0	15.1	82	1.6	341	35
21/08/24 00:30	1	13	14	0	15.1	81	1.1	342	36
21/08/24 00:35	1	14	15	0	15.0	81	1.3	321	36
21/08/24 00:40	2	13	14	1	15.2	81	1.6	313	30
21/08/24 00:45	1	11	13	1	15.3	81	1.6	309	19
21/08/24 00:50	1	11	12	1	15.3	80	1.5	319	19
21/08/24 00:55	1	11	12	1	15.3	81	1.2	327	24
21/08/24 01:00	1	11	11	1	15.3	80	1.3	344	23
21/08/24 01:05					15.2	80	1.3	348	29
21/08/24 01:10					15.2	81	1.7	322	24
21/08/24 01:15					15.1	81	1.5	322	24
21/08/24 01:20					15.1	81	1.7	337	25
21/08/24 01:25					15.2	81	2.1	338	24
21/08/24 01:30					15.1	81	1.4	349	31
21/08/24 01:35					15.0	81	1.7	340	23
21/08/24 01:40					15.0	81	1.4	325	29
21/08/24 01:45					14.9	82	1.7	327	24
21/08/24 01:50					14.9	81	2.2	333	23
21/08/24 01:55					14.9	81	2.1	324	25
21/08/24 02:00					15.0	81	2.0	326	20
21/08/24 02:05	1	10	10	1	14.9	81	2.0	323	21
21/08/24 02:10	1	9	10	1	14.9	81	1.9	323	30
21/08/24 02:15	1	9	10	1	14.9	81	1.9	324	24
21/08/24 02:20	1	9	10	1	14.7	82	1.7	315	26
21/08/24 02:25	1	9	10	1	14.8	82	1.7	326	24
21/08/24 02:30	1	9	10	1	14.7	82	2.2	327	22
21/08/24 02:35	1	9	9	1	14.7	82	2.0	324	23
21/08/24 02:40	1	9	9	1	14.6	82	1.7	326	22
21/08/24 02:45	1	9	10	1	14.5	83	1.6	334	24
21/08/24 02:50	1	10	11	1	14.6	83	1.2	324	23
21/08/24 02:55	1	11	12	1	14.4	83	1.0	335	27
21/08/24 03:00	1	12	13	1	14.4	83	0.5	342	35

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/08/24 03:05	1	13	14	1	14.3	84	0.7	359	21
21/08/24 03:10	1	13	14	1	14.1	84	0.9	358	23
21/08/24 03:15	1	14	15	1	14.1	84	0.6	10	18
21/08/24 03:20	1	15	16	1	14.1	85	0.7	11	14
21/08/24 03:25	1	15	16	1	14.0	85	0.8	26	9
21/08/24 03:30	1	15	16	0	13.8	86	0.9	18	6
21/08/24 03:35	1	14	15	1	13.7	87	1.0	359	9
21/08/24 03:40	1	14	15	1	13.8	86	1.3	351	18
21/08/24 03:45	1	14	15	1	14.0	85	1.1	345	22
21/08/24 03:50	1	14	15	1	14.1	84	1.7	325	16
21/08/24 03:55	1	14	15	1	14.4	82	2.3	313	9
21/08/24 04:00	1	14	15	1	14.4	81	2.6	313	7
21/08/24 04:05	1	14	15	1	14.4	81	2.6	316	10
21/08/24 04:10	1	14	15	1	14.5	80	3.0	313	11
21/08/24 04:15	1	14	15	1	14.6	80	2.6	316	10
21/08/24 04:20	1	14	15	1	14.5	80	2.2	319	13
21/08/24 04:25	1	14	16	0	14.5	80	2.0	314	12
21/08/24 04:30	1	14	16	0	14.3	81	1.7	333	16
21/08/24 04:35	1	15	16	1	14.4	81	1.9	339	21
21/08/24 04:40	1	15	16	0	14.3	81	1.7	341	15
21/08/24 04:45	1	15	16	1	14.2	81	1.7	342	20
21/08/24 04:50	1	16	17	1	14.1	82	1.6	340	16
21/08/24 04:55	2	16	17	1	14.1	82	2.2	327	18
21/08/24 05:00	2	16	18	0	14.1	81	2.2	320	17
21/08/24 05:05	2	16	18	1	14.3	81	2.7	301	12
21/08/24 05:10	3	17	20	1	14.3	80	2.4	292	14
21/08/24 05:15	4	18	21	1	14.1	81	2.0	285	14
21/08/24 05:20	2	14	16	1	14.1	82	2.6	277	10
21/08/24 05:25	1	13	14	1	14.0	82	2.5	280	12
21/08/24 05:30	1	13	14	1	13.9	82	2.6	279	11
21/08/24 05:35	1	14	15	1	13.9	83	2.1	290	16
21/08/24 05:40	1	14	15	1	14.0	82	2.6	299	12
21/08/24 05:45	2	15	17	0	14.0	81	2.1	319	15
21/08/24 05:50	16	25	40	1	13.8	82	1.8	317	14
21/08/24 05:55	19	24	43	1	13.7	82	2.5	312	13
21/08/24 06:00	18	24	42	1	13.9	81	2.5	304	12
21/08/24 06:05	18	24	42	1	13.8	81	2.2	294	14
21/08/24 06:10	18	24	42	1	13.9	80	1.9	284	18
21/08/24 06:15	17	24	42	1	13.8	80	1.9	284	16
21/08/24 06:20	18	25	43	1	13.8	81	2.1	295	14
21/08/24 06:25	21	25	46	1	13.8	80	2.1	308	9
21/08/24 06:30	16	26	43	1	13.8	79	2.2	310	12
21/08/24 06:35	9	24	33	1	13.7	79	2.1	310	13
21/08/24 06:40	10	23	33	1	13.8	79	2.2	306	12
21/08/24 06:45	9	24	33	1	13.7	79	1.7	310	14
21/08/24 06:50	10	24	34	1	13.7	79	1.6	321	18
21/08/24 06:55	11	25	36	1	13.6	79	1.4	321	18
21/08/24 07:00	14	26	41	1	13.5	79	0.9	333	27
21/08/24 07:05	45	28	73	1	13.4	80	1.2	10	23
21/08/24 07:10	53	31	84	1	13.2	81	1.3	18	18
21/08/24 07:15	48	26	74	1	13.0	82	1.5	359	21
21/08/24 07:20	33	25	58	1	13.1	81	1.0	335	31
21/08/24 07:25	21	27	48	1	13.2	80	1.9	326	17
21/08/24 07:30	22	27	49	1	13.4	79	1.6	323	21
21/08/24 07:35	28	26	54	1	13.5	78	2.0	325	17
21/08/24 07:40	30	26	56	1	13.7	77	2.1	327	17
21/08/24 07:45	32	27	59	1	13.8	76	1.6	320	25
21/08/24 07:50	32	27	59	1	13.9	75	1.9	317	20
21/08/24 07:55	33	28	60	1	14.0	75	2.0	311	20
21/08/24 08:00	31	27	59	1	14.0	74	2.6	303	12
21/08/24 08:05	27	28	55	1	14.1	74	2.7	306	11
21/08/24 08:10	26	27	53	1	14.1	73	2.6	308	12
21/08/24 08:15	33	26	59	1	14.2	73	2.5	307	13
21/08/24 08:20	41	28	69	1	14.2	72	2.0	322	17
21/08/24 08:25	42	28	70	1	14.3	72	1.9	312	16
21/08/24 08:30	40	29	69	1	14.5	71	1.8	324	17
21/08/24 08:35	32	30	63	1	14.7	70	2.2	313	10
21/08/24 08:40	28	28	56	1	14.7	69	2.2	307	11
21/08/24 08:45	27	27	54	1	14.8	70	1.9	291	14
21/08/24 08:50	19	21	40	1	15.0	68	3.0	296	13
21/08/24 08:55	12	23	35	1	15.2	67	2.2	287	11
21/08/24 09:00	14	25	39	1	15.1	68	1.9	285	14
21/08/24 09:05	14	25	39	1	15.1	68	1.8	286	17
21/08/24 09:10	13	24	37	1	15.2	68	2.3	287	17
21/08/24 09:15	12	19	30	1	15.1	68	2.0	273	13
21/08/24 09:20	10	18	28	1	15.1	69	2.3	272	13
21/08/24 09:25	10	21	31	1	15.1	69	2.4	269	10
21/08/24 09:30	11	22	33	1	15.0	70	2.1	263	13
21/08/24 09:35	12	23	35	1	15.1	70	2.3	286	16
21/08/24 09:40	12	23	35	1	15.2	70	2.0	290	17
21/08/24 09:45	13	24	37	1	15.2	69	1.7	294	17
21/08/24 09:50	14	25	39	1	15.5	68	1.5	303	21
21/08/24 09:55	14	24	38	1	15.5	69	0.7	339	39
21/08/24 10:00	14	23	37	1	15.5	68	1.4	352	20

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/08/24 10:05	12	19	30	1	15.7	67	1.6	327	32
21/08/24 10:10	8	10	18	1	15.8	67	1.4	299	20
21/08/24 10:15	7	13	19	1	15.8	66	2.7	310	19
21/08/24 10:20	5	11	16	1	16.0	66	2.4	290	17
21/08/24 10:25	5	8	13	2	16.4	65	2.5	291	23
21/08/24 10:30	5	9	13	1	16.7	63	2.9	307	25
21/08/24 10:35	5	8	13	1	16.8	61	3.1	289	25
21/08/24 10:40	5	7	12	1	16.8	61	2.9	290	17
21/08/24 10:45	4	7	11	1	16.7	62	4.4	276	10
21/08/24 10:50	4	7	10	1	16.5	62	3.4	277	13
21/08/24 10:55	4	7	10	1	16.8	59	4.1	276	10
21/08/24 11:00	4	7	11	1	16.8	60	3.9	274	14
21/08/24 11:05	4	8	12	1	16.8	60	3.6	287	14
21/08/24 11:10	4	8	12	1	16.8	60	3.4	285	18
21/08/24 11:15	4	8	12	1	17.1	59	2.9	286	17
21/08/24 11:20	4	8	12	1	17.2	57	3.7	277	18
21/08/24 11:25	4	9	12	1	17.1	55	5.6	276	9
21/08/24 11:30	4	9	13	1	17.0	56	5.0	270	9
21/08/24 11:35	3	9	12	1	16.7	57	3.6	278	11
21/08/24 11:40	3	9	12	0	16.7	57	4.2	274	10
21/08/24 11:45	3	8	11	0	16.9	55	3.8	275	11
21/08/24 11:50	3	9	11	0	17.0	56	2.9	289	14
21/08/24 11:55	3	10	13	0	17.0	56	4.7	276	8
21/08/24 12:00	3	5	8	0	17.0	55	4.5	280	15
21/08/24 12:05	2	6	8	0	17.1	55	3.9	277	12
21/08/24 12:10	2	7	9	0	17.2	55	4.2	273	14
21/08/24 12:15	3	13	16	0	17.4	54	4.1	287	15
21/08/24 12:20	3	12	15	0	17.4	54	3.4	288	14
21/08/24 12:25	3	11	14	1	17.4	54	3.6	279	14
21/08/24 12:30	3	11	14	0	17.4	55	3.4	282	17
21/08/24 12:35	3	11	13	0	17.4	55	3.0	282	16
21/08/24 12:40	3	11	14	0	17.5	55	3.4	271	13
21/08/24 12:45	3	11	13	0	17.4	54	3.4	287	15
21/08/24 12:50	2	9	11	0	17.6	54	3.1	292	16
21/08/24 12:55	2	8	10	0	17.7	54	3.8	292	16
21/08/24 13:00	2	8	10	0	17.8	54	3.4	286	16
21/08/24 13:05	2	8	10	0	18.0	53	3.9	289	18
21/08/24 13:10	2	7	9	0	18.0	54	4.6	285	14
21/08/24 13:15	2	7	8	0	18.1	53	3.9	287	13
21/08/24 13:20	2	7	8	0	18.0	53	3.6	285	17
21/08/24 13:25	2	7	9	0	18.0	54	4.1	278	10
21/08/24 13:30	2	8	9	0	17.8	55	3.5	284	19
21/08/24 13:35	2	9	10	0	18.0	54	5.0	275	18
21/08/24 13:40	2	9	11	0	17.9	55	4.7	284	14
21/08/24 13:45	2	9	10	0	18.0	54	4.6	287	11
21/08/24 13:50	2	9	10	0	18.0	54	3.8	284	13
21/08/24 13:55	2	8	10	0	18.1	53	4.2	291	12
21/08/24 14:00	2	9	10	0	18.1	53	4.2	289	14
21/08/24 14:05	2	8	10	0	18.3	53	4.5	284	15
21/08/24 14:10	2	8	10	0	18.1	53	4.7	290	12
21/08/24 14:15	3	10	13	0	18.1	55	4.6	274	8
21/08/24 14:20	3	13	16	0	18.3	54	3.4	280	13
21/08/24 14:25	3	7	10	0	18.5	52	2.8	292	17
21/08/24 14:30	3	5	8	0	18.8	51	3.1	280	19
21/08/24 14:35	3	8	10	0	18.5	53	3.8	289	17
21/08/24 14:40	2	5	7	0	18.4	53	3.7	280	15
21/08/24 14:45	2	5	8	0	18.5	52	3.0	291	27
21/08/24 14:50	2	8	10	0	18.3	54	3.1	277	14
21/08/24 14:55	2	9	11	0	18.2	54	3.0	281	13
21/08/24 15:00	2	14	16	0	18.2	54	2.9	276	14
21/08/24 15:05	2	16	18	0	18.2	54	2.5	259	20
21/08/24 15:10	2	9	11	0	17.3	66	2.1	209	24
21/08/24 15:15	2	8	10	0	16.0	74	6.5	253	12
21/08/24 15:20	2	9	10	0	15.0	82	4.8	252	7
21/08/24 15:25	2	9	11	0	15.2	82	3.7	267	12
21/08/24 15:30	3	10	13	0	15.2	82	2.1	283	16
21/08/24 15:35	3	12	15	0	15.5	81	1.8	288	12
21/08/24 15:40	4	15	18	0	16.2	79	1.5	302	13
21/08/24 15:45	5	18	24	0	16.6	76	1.3	289	30
21/08/24 15:50	6	19	26	0	16.9	75	0.9	284	28
21/08/24 15:55	7	18	25	0	17.1	73	1.0	297	25
21/08/24 16:00	8	17	25	0	17.3	73	0.9	325	22
21/08/24 16:05	9	23	32	0	17.4	73	1.2	295	20
21/08/24 16:10	12	25	37	0	17.6	72	1.5	298	17
21/08/24 16:15	12	21	33	0	17.9	67	2.4	291	16
21/08/24 16:20	8	13	21	0	18.1	63	3.2	303	13
21/08/24 16:25	5	12	17	0	18.1	64	2.3	294	16
21/08/24 16:30	5	13	18	0	17.9	64	3.4	284	14
21/08/24 16:35	5	12	17	0	18.0	61	3.5	290	11
21/08/24 16:40	4	9	13	0	18.0	62	2.7	290	18
21/08/24 16:45	3	11	14	0	18.0	62	2.6	292	15
21/08/24 16:50	3	11	14	0	18.0	61	2.3	286	18
21/08/24 16:55	3	10	13	1	18.1	60	3.4	287	16
21/08/24 17:00	2	10	12	0	18.1	59	3.5	286	15

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/08/24 17:05	2	10	12	0	18.0	59	2.8	290	14
21/08/24 17:10	2	10	12	0	17.9	60	2.6	292	15
21/08/24 17:15	2	11	13	0	18.0	61	2.4	299	17
21/08/24 17:20	2	14	16	0	17.9	63	2.1	301	16
21/08/24 17:25	2	16	18	0	17.9	61	2.1	297	16
21/08/24 17:30	2	16	18	0	17.9	62	1.8	301	12
21/08/24 17:35	4	28	32	0	17.9	64	1.9	314	14
21/08/24 17:40	5	24	30	0	17.8	62	2.3	314	15
21/08/24 17:45	3	20	23	0	17.6	64	1.3	344	29
21/08/24 17:50	3	26	30	0	17.1	65	1.5	351	31
21/08/24 17:55	3	24	27	0	16.7	66	1.5	4	27
21/08/24 18:00	3	23	26	0	16.6	66	1.4	345	31
21/08/24 18:05	2	24	26	0	16.4	67	1.0	334	34
21/08/24 18:10	2	24	26	0	16.3	68	0.9	356	35
21/08/24 18:15	2	24	27	0	16.3	69	1.1	343	31
21/08/24 18:20	3	25	28	0	16.2	70	1.2	347	28
21/08/24 18:25	3	26	29	0	16.1	71	1.1	355	25
21/08/24 18:30	3	27	30	0	16.0	72	1.7	0	17
21/08/24 18:35	5	30	35	0	16.0	73	1.4	345	31
21/08/24 18:40	10	31	41	0	15.9	73	1.3	334	32
21/08/24 18:45	11	31	42	0	16.0	72	0.9	335	34
21/08/24 18:50	16	29	45	1	16.0	71	1.5	315	16
21/08/24 18:55	30	30	60	1	16.2	70	1.2	325	24
21/08/24 19:00	32	30	63	1	16.2	70	1.5	325	19
21/08/24 19:05	35	32	67	1	16.3	70	1.4	315	19
21/08/24 19:10	35	33	68	1	16.4	71	1.2	313	21
21/08/24 19:15	15	30	45	1	16.2	71	3.1	298	18
21/08/24 19:20	6	21	26	1	15.8	72	6.0	278	13
21/08/24 19:25	2	17	18	1	15.1	76	3.6	289	13
21/08/24 19:30	2	21	22	1	14.9	78	3.0	295	12
21/08/24 19:35	1	16	17	1	14.8	79	2.7	299	14
21/08/24 19:40	1	10	10	0	14.8	78	2.5	306	13
21/08/24 19:45	1	8	9	1	14.7	79	1.4	332	20
21/08/24 19:50	1	9	10	1	14.7	79	1.5	323	14
21/08/24 19:55	1	10	11	1	14.7	78	1.8	315	19
21/08/24 20:00	1	12	12	1	14.8	78	1.5	322	18
21/08/24 20:05	1	25	27	1	14.9	77	1.4	340	23
21/08/24 20:10	7	35	42	1	14.8	79	1.1	7	19
21/08/24 20:15	14	29	43	1	14.8	79	1.5	354	26
21/08/24 20:20	9	30	39	1	14.7	80	0.8	330	56
21/08/24 20:25	6	26	32	1	14.7	80	1.2	339	24
21/08/24 20:30	5	24	28	1	14.7	79	1.2	337	24
21/08/24 20:35	3	23	27	1	14.8	79	1.1	346	26
21/08/24 20:40	3	23	26	0	14.8	80	1.2	333	32
21/08/24 20:45	3	24	27	0	14.8	80	1.3	341	26
21/08/24 20:50	4	24	28	0	14.8	79	1.5	323	24
21/08/24 20:55	4	24	28	0	14.8	79	1.2	326	23
21/08/24 21:00	4	24	27	0	14.8	78	1.4	339	26
21/08/24 21:05	3	23	27	0	14.9	78	1.5	336	26
21/08/24 21:10	3	23	26	0	14.9	77	1.5	339	28
21/08/24 21:15	4	23	26	0	14.9	77	1.8	338	23
21/08/24 21:20	4	23	27	0	14.8	77	1.0	329	33
21/08/24 21:25	5	23	28	0	14.8	77	1.5	329	26
21/08/24 21:30	7	24	31	0	14.8	76	2.1	322	22
21/08/24 21:35	10	27	37	1	14.8	75	1.8	330	34
21/08/24 21:40	12	27	39	1	14.6	75	1.2	321	27
21/08/24 21:45	11	24	35	1	14.7	75	1.5	330	31
21/08/24 21:50	3	19	23	1	14.6	75	1.8	343	24
21/08/24 21:55	1	16	16	0	14.5	75	1.4	350	31
21/08/24 22:00	1	15	16	0	14.5	75	1.5	331	30
21/08/24 22:05	1	16	16	0	14.4	74	1.2	334	31
21/08/24 22:10	1	16	16	0	14.3	74	1.1	338	28
21/08/24 22:15	1	16	17	1	14.2	74	1.7	346	28
21/08/24 22:20	1	16	17	1	14.1	75	1.6	349	29
21/08/24 22:25	1	17	19	0	14.1	75	2.1	355	22
21/08/24 22:30	2	21	22	0	14.1	75	1.7	351	29
21/08/24 22:35	2	25	27	0	14.0	75	1.7	358	20
21/08/24 22:40	3	25	28	0	13.9	75	2.2	359	23
21/08/24 22:45	2	24	26	0	13.9	76	1.5	345	27
21/08/24 22:50	2	23	25	0	13.8	75	1.9	1	19
21/08/24 22:55	2	23	26	0	13.8	75	1.6	346	29
21/08/24 23:00	3	25	28	0	13.8	75	1.2	348	29
21/08/24 23:05	4	27	31	0	13.7	76	1.5	355	26
21/08/24 23:10	5	28	32	0	13.7	76	1.5	357	30
21/08/24 23:15	5	28	33	0	13.7	76	1.8	358	22
21/08/24 23:20	6	27	33	0	13.8	76	1.8	357	26
21/08/24 23:25	6	27	33	0	13.7	76	1.6	359	28
21/08/24 23:30	6	26	32	0	13.7	76	1.6	5	21
21/08/24 23:35	5	25	30	0	13.7	76	1.8	347	33
21/08/24 23:40	5	22	27	0	13.7	76	1.5	357	31
21/08/24 23:45	4	20	24	0	13.8	76	1.3	355	29
21/08/24 23:50	3	20	24		13.7	77	1.6	350	30
21/08/24 23:55	3	21	24		13.7	77	1.8	359	18
22/08/24 00:00	2	21	23	0	13.7	77	1.9	356	23

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/08/24 00:05	2	20	22	2	13.7	77	1.4	352	32
22/08/24 00:10	2	20	22	1	13.8	77	1.9	358	26
22/08/24 00:15	2	20	22	1	13.8	76	1.6	345	37
22/08/24 00:20	2	20	22	1	13.7	77	1.8	359	26
22/08/24 00:25	2	20	21	2	13.6	77	1.3	358	31
22/08/24 00:30	2	20	21	2	13.6	77	2.2	354	21
22/08/24 00:35	2	19	21	2	13.6	77	2.1	2	23
22/08/24 00:40	2	19	20	2	13.6	77	1.5	359	29
22/08/24 00:45	1	18	20	2	13.6	77	0.9	352	39
22/08/24 00:50	2	19	21	2	13.7	77	1.7	338	30
22/08/24 00:55	5	25	30	2	13.7	76	1.5	339	30
22/08/24 01:00	10	24	34	2	13.8	75	1.2	335	36
22/08/24 01:05					13.9	75	1.5	341	35
22/08/24 01:10					13.8	75	1.3	333	35
22/08/24 01:15					13.8	75	1.6	348	31
22/08/24 01:20					13.8	74	1.4	344	33
22/08/24 01:25					13.8	74	1.7	324	24
22/08/24 01:30					13.9	74	0.7	331	44
22/08/24 01:35					13.9	74	1.1	330	35
22/08/24 01:40					13.9	74	1.2	330	34
22/08/24 01:45					13.9	74	1.3	333	32
22/08/24 01:50					13.9	73	1.7	324	22
22/08/24 01:55					13.9	73	1.6	332	18
22/08/24 02:00					14.0	73	1.6	323	21
22/08/24 02:05	5	23	28	2	14.0	73	1.4	315	22
22/08/24 02:10	5	23	28	2	14.0	72	1.6	321	22
22/08/24 02:15	4	22	27	2	13.9	73	1.3	330	31
22/08/24 02:20	4	22	27	2	13.9	72	2.0	321	19
22/08/24 02:25	4	22	26	2	14.1	72	1.8	311	30
22/08/24 02:30	4	22	26	2	14.0	72	2.3	306	15
22/08/24 02:35	3	19	22	2	14.1	70	2.1	310	14
22/08/24 02:40	3	15	17	2	14.1	71	1.4	311	14
22/08/24 02:45	2	15	18	2	14.1	71	1.8	320	17
22/08/24 02:50	2	16	17	2	14.1	71	2.0	310	12
22/08/24 02:55	2	16	18	2	14.0	71	2.1	307	12
22/08/24 03:00	2	16	18	2	14.1	71	2.5	307	13
22/08/24 03:05	1	15	16	2	14.0	71	2.8	310	12
22/08/24 03:10	1	9	10	2	13.9	72	3.0	312	12
22/08/24 03:15	1	5	6	2	14.0	72	2.9	310	11
22/08/24 03:20	0	5	5	2	13.9	72	2.4	314	14
22/08/24 03:25	0	5	5	2	13.9	72	2.9	309	11
22/08/24 03:30	0	5	5	2	13.9	72	2.8	313	11
22/08/24 03:35	0	5	5	2	13.8	72	2.6	315	12
22/08/24 03:40	0	5	5	2	13.7	72	2.4	308	11
22/08/24 03:45	0	5	5	2	13.7	72	2.2	312	12
22/08/24 03:50	0	5	5	2	13.6	73	1.7	298	16
22/08/24 03:55	0	5	5	2	13.5	74	2.3	307	10
22/08/24 04:00	0	5	5	2	13.5	73	2.1	310	10
22/08/24 04:05	0	5	5	2	13.5	73	1.9	307	11
22/08/24 04:10	0	5	6	2	13.4	73	2.1	306	10
22/08/24 04:15	0	6	6	2	13.5	72	2.4	314	10
22/08/24 04:20	0	6	6	2	13.5	73	2.4	320	11
22/08/24 04:25	0	7	7	2	13.4	73	2.3	315	14
22/08/24 04:30	0	7	7	2	13.3	73	2.1	327	11
22/08/24 04:35	0	7	7	2	13.3	73	2.4	317	10
22/08/24 04:40	0	7	8	2	13.3	73	2.2	312	8
22/08/24 04:45	0	8	8	2	13.3	73	2.4	311	11
22/08/24 04:50	0	9	9	2	13.3	73	2.4	315	9
22/08/24 04:55	0	10	10	1	13.4	72	2.3	316	9
22/08/24 05:00	0	11	11	1	13.4	73	2.0	313	9
22/08/24 05:05	0	13	13	1	13.3	73	2.2	312	9
22/08/24 05:10	1	14	15	2	13.3	73	1.9	318	13
22/08/24 05:15	1	16	17	2	13.2	73	1.6	323	16
22/08/24 05:20	1	21	22	2	13.3	73	1.5	318	18
22/08/24 05:25	2	24	26	1	13.2	73	1.8	313	13
22/08/24 05:30	3	24	27	2	13.2	72	2.3	310	10
22/08/24 05:35	4	23	27	2	13.2	72	1.7	320	15
22/08/24 05:40	4	23	27	2	13.3	72	1.1	322	18
22/08/24 05:45	27	18	45	2	13.1	73	1.3	338	23
22/08/24 05:50	42	30	72	2	12.9	74	1.2	347	28
22/08/24 05:55	41	29	70	2	12.9	75	0.9	335	24
22/08/24 06:00	37	28	65	2	12.8	75	1.1	351	23
22/08/24 06:05	31	27	58	2	12.7	75	1.4	349	26
22/08/24 06:10	28	27	55	2	12.7	75	1.1	330	22
22/08/24 06:15	29	27	56	2	12.7	75	1.0	321	21
22/08/24 06:20	31	26	57	2	12.7	75	1.1	348	31
22/08/24 06:25	33	26	58	2	12.7	75	1.1	329	31
22/08/24 06:30	38	23	62	2	12.7	75	1.9	322	17
22/08/24 06:35	43	24	68	2	12.8	75	1.3	318	21
22/08/24 06:40	39	27	66	2	12.8	76	1.4	320	20
22/08/24 06:45	35	28	63	2	12.7	76	1.7	317	19
22/08/24 06:50	35	28	64	2	12.7	76	1.4	322	18
22/08/24 06:55	38	28	66	2	12.7	77	1.0	335	30
22/08/24 07:00	44	25	69	2	12.6	77	1.1	325	25

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/08/24 07:05	55	30	85	3	12.6	77	1.0	340	26
22/08/24 07:10	76	32	109	3	12.4	78	1.3	1	19
22/08/24 07:15	60	33	93	3	12.4	78	1.2	348	23
22/08/24 07:20	48	31	78	3	12.4	78	1.5	347	27
22/08/24 07:25	41	30	70	3	12.4	78	1.3	351	24
22/08/24 07:30	50	29	79	3	12.4	78	1.9	358	11
22/08/24 07:35	58	29	87	3	12.5	78	1.6	347	16
22/08/24 07:40	59	31	90	3	12.4	78	1.5	334	17
22/08/24 07:45	62	35	97	3	12.4	78	1.3	334	26
22/08/24 07:50	64	34	98	2	12.5	78	0.7	338	38
22/08/24 07:55	66	32	99	2	12.4	79	1.0	343	38
22/08/24 08:00	65	32	98	2	12.4	78	1.3	346	32
22/08/24 08:05	58	33	91	2	12.7	77	1.4	356	37
22/08/24 08:10	54	28	82	2	13.0	76	1.0	330	31
22/08/24 08:15	53	27	80	2	13.3	74	1.2	357	35
22/08/24 08:20	52	26	77	3	13.5	73	1.2	356	33
22/08/24 08:25	49	25	74	3	13.6	73	1.7	3	26
22/08/24 08:30	42	24	66	3	13.8	73	1.6	353	23
22/08/24 08:35	39	23	62	3	13.8	72	1.3	345	37
22/08/24 08:40	38	22	60	3	13.8	72	1.8	346	30
22/08/24 08:45	37	23	60	3	13.9	72	2.2	325	24
22/08/24 08:50	39	22	61	3	13.9	72	2.1	344	27
22/08/24 08:55	41	22	63	3	14.1	71	1.7	329	26
22/08/24 09:00	40	23	63	3	14.2	71	2.3	311	19
22/08/24 09:05	29	25	54	3	14.3	70	2.2	312	20
22/08/24 09:10	27	22	48	3	14.4	70	1.7	321	21
22/08/24 09:15	28	24	52	3	14.7	69	2.0	319	27
22/08/24 09:20	28	23	51	3	14.9	68	1.6	310	22
22/08/24 09:25	25	16	42	3	15.1	67	2.4	309	15
22/08/24 09:30	16	13	29	2	15.2	65	3.3	303	14
22/08/24 09:35	11	15	25	2	15.1	65	3.3	310	16
22/08/24 09:40	9	13	22	2	15.3	64	3.6	309	12
22/08/24 09:45	9	12	21	2	15.5	63	2.5	308	19
22/08/24 09:50	7	11	17	3	15.6	62	3.0	301	18
22/08/24 09:55	8	11	19	3	15.6	61	2.3	310	19
22/08/24 10:00	8	11	19	3	15.8	61	2.9	298	19
22/08/24 10:05	7	10	18	3	15.9	60	2.8	304	23
22/08/24 10:10	7	8	14	3	15.9	59	3.1	288	15
22/08/24 10:15	5	7	12	2	15.9	58	3.1	306	22
22/08/24 10:20	4	7	12	2	16.1	57	2.2	287	19
22/08/24 10:25	4	7	11	2	16.2	57	2.4	293	20
22/08/24 10:30	4	7	10	2	16.3	55	3.8	296	20
22/08/24 10:35	3	6	9	2	16.1	55	4.3	282	14
22/08/24 10:40	3	5	8	2	16.1	53	3.8	295	18
22/08/24 10:45	2	4	7	2	16.3	54	4.5	286	15
22/08/24 10:50	2	4	7	2	16.4	52	2.7	297	27
22/08/24 10:55	2	4	6	2	16.6	51	3.2	288	20
22/08/24 11:00	2	5	6	2	16.3	51	4.1	273	14
22/08/24 11:05	2	5	7	2	16.2	54	2.7	276	14
22/08/24 11:10	2	5	7	2	16.3	53	2.2	295	20
22/08/24 11:15	2	5	7	2	16.6	51	2.9	298	16
22/08/24 11:20	2	5	7	2	16.7	50	3.4	287	14
22/08/24 11:25	2	5	7	2	16.7	51	2.8	294	19
22/08/24 11:30	2	5	7	2	16.9	51	3.4	287	17
22/08/24 11:35	2	5	7	2	16.7	49	4.3	281	15
22/08/24 11:40	2	5	7	2	16.7	47	5.2	282	14
22/08/24 11:45	2	5	7	2	16.5	48	5.6	276	12
22/08/24 11:50	2	5	7	1	16.6	48	4.3	285	15
22/08/24 11:55	2	5	6	1	16.8	48	4.5	283	14
22/08/24 12:00	2	5	6	2	16.9	48	4.5	276	12
22/08/24 12:05	2	4	6	1	17.2	47	4.9	285	14
22/08/24 12:10	2	4	6	1	17.1	46	5.0	286	13
22/08/24 12:15	2	4	6	1	17.1	46	4.9	282	14
22/08/24 12:20	2	4	6	1	17.3	45	5.2	286	13
22/08/24 12:25	2	5	6	1	17.3	46	4.5	281	15
22/08/24 12:30	2	5	7	1	17.4	45	3.1	284	19
22/08/24 12:35	2	6	8	2	17.4	46	4.5	278	11
22/08/24 12:40	2	6	8	2	17.4	45	4.7	277	11
22/08/24 12:45	2	5	8	1	17.5	46	5.5	271	14
22/08/24 12:50	2	5	7	2	17.1	46	5.9	261	11
22/08/24 12:55	2	6	8	2	17.3	48	4.4	272	16
22/08/24 13:00	2	5	8	2	17.0	49	6.2	259	4
22/08/24 13:05	2	6	8	2	16.9	49	5.2	274	13
22/08/24 13:10	2	6	8	1	17.4	46	4.8	277	11
22/08/24 13:15	2	6	8	2	17.2	45	4.7	286	15
22/08/24 13:20	2	6	8	1	17.2	47	3.8	281	14
22/08/24 13:25	2	7	8	1	17.1	47	4.7	268	12
22/08/24 13:30	2	6	8	1	17.0	47	5.0	259	5
22/08/24 13:35	2	6	8	1	17.1	47	5.1	260	6
22/08/24 13:40	2	7	8	2	17.0	47	6.0	267	7
22/08/24 13:45	2	7	8	2	17.1	46	6.3	256	4
22/08/24 13:50	2	6	8	2	17.2	45	5.8	264	10
22/08/24 13:55	2	6	8	2	17.6	43	5.4	274	15
22/08/24 14:00	2	7	8	2	17.8	42	3.3	286	16

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/08/24 14:05	2	6	8	2	18.1	40	4.7	285	12
22/08/24 14:10	2	7	9	2	18.2	40	5.5	277	13
22/08/24 14:15	2	6	8	2	18.2	39	4.9	285	13
22/08/24 14:20	2	6	8	1	18.4	38	5.4	287	15
22/08/24 14:25	2	6	8	1	18.4	38	4.7	288	13
22/08/24 14:30	2	5	8	2	18.5	37	4.5	295	13
22/08/24 14:35	2	5	8	2	18.5	39	3.8	284	13
22/08/24 14:40	2	5	7	2	18.4	39	4.3	280	15
22/08/24 14:45	2	5	7	1	18.2	40	6.0	264	9
22/08/24 14:50	2	4	6	1	17.8	41	6.7	263	6
22/08/24 14:55	1	4	6	1	17.6	42	5.7	261	12
22/08/24 15:00	1	4	6	2	18.0	41	6.2	271	11
22/08/24 15:05	1	4	6	1	18.4	39	4.4	287	13
22/08/24 15:10	1	4	6	2	18.6	39	3.9	281	14
22/08/24 15:15	1	5	6	1	18.6	38	3.7	290	13
22/08/24 15:20	2	5	7	2	18.4	40	4.9	287	12
22/08/24 15:25	2	6	8	2	18.2	41	4.9	278	10
22/08/24 15:30	2	8	10	2	18.3	41	3.7	284	15
22/08/24 15:35	2	8	10	2	18.3	42	5.8	263	8
22/08/24 15:40	2	3	5	2	18.1	41	6.1	259	6
22/08/24 15:45	2	4	6	2	18.2	42	5.1	276	14
22/08/24 15:50	2	5	6	2	18.6	38	5.2	291	9
22/08/24 15:55	2	5	7	2	18.6	39	5.8	282	12
22/08/24 16:00	2	6	8	2	18.5	41	4.0	279	13
22/08/24 16:05	2	6	8	2	18.5	41	4.1	284	12
22/08/24 16:10	2	6	8	2	18.8	40	4.2	283	13
22/08/24 16:15	2	6	7	2	18.8	40	3.5	289	16
22/08/24 16:20	2	6	7	1	18.7	42	4.3	279	13
22/08/24 16:25	2	7	8	1	18.5	43	4.1	280	14
22/08/24 16:30	2	8	10	2	18.4	42	3.9	285	14
22/08/24 16:35	2	6	8	2	18.4	42	3.6	287	14
22/08/24 16:40	2	7	8	2	18.2	43	5.6	276	9
22/08/24 16:45	1	7	8	2	17.9	44	5.4	274	9
22/08/24 16:50	1	7	8	2	18.0	44	5.4	272	10
22/08/24 16:55	1	7	8	2	18.0	43	5.4	276	11
22/08/24 17:00	1	10	12	2	18.1	44	4.4	269	6
22/08/24 17:05	2	12	14	2	17.8	43	5.7	267	10
22/08/24 17:10	1	11	12	2	17.8	42	5.4	270	8
22/08/24 17:15	2	12	14	2	18.0	40	4.5	290	13
22/08/24 17:20	2	13	15	2	17.9	42	4.4	276	13
22/08/24 17:25	2	10	11	2	17.7	43	4.6	274	10
22/08/24 17:30	1	10	11	1	17.7	44	4.9	276	8
22/08/24 17:35	1	11	13	2	17.6	45	3.1	278	10
22/08/24 17:40	2	21	23	2	17.5	44	2.6	289	16
22/08/24 17:45	2	25	27	2	17.7	44	2.4	290	12
22/08/24 17:50	2	17	19	2	17.5	44	2.3	286	16
22/08/24 17:55	2	14	16	2	17.6	44	3.2	291	12
22/08/24 18:00	1	16	17	2	17.5	45	2.7	289	12
22/08/24 18:05	1	17	18	2	17.3	46	2.5	290	14
22/08/24 18:10	1	17	18	2	17.3	46	2.3	293	14
22/08/24 18:15	1	16	17	2	17.3	47	1.8	290	13
22/08/24 18:20	1	16	17	2	17.1	47	1.9	293	14
22/08/24 18:25	0	16	17	1	17.2	47	1.7	299	11
22/08/24 18:30	1	17	17	2	17.1	47	1.6	302	13
22/08/24 18:35	1	18	18	2	17.1	47	2.0	309	15
22/08/24 18:40	1	19	19	1	17.1	46	2.2	310	10
22/08/24 18:45	1	19	20	2	17.1	46	2.2	309	10
22/08/24 18:50	1	20	21	2	17.1	46	1.5	312	15
22/08/24 18:55	1	22	23	2	16.9	47	1.4	323	23
22/08/24 19:00	2	30	32	2	16.9	47	1.6	320	15
22/08/24 19:05	3	31	34	2	16.8	47	1.5	322	18
22/08/24 19:10	3	30	34	2	16.7	48	1.3	321	20
22/08/24 19:15	4	30	34	2	16.5	48	1.3	319	23
22/08/24 19:20	5	31	36	2	16.4	48	1.1	326	26
22/08/24 19:25	6	31	37	3	16.2	49	1.3	330	25
22/08/24 19:30	6	31	37	3	16.2	49	0.9	320	29
22/08/24 19:35	6	31	37	3	16.0	50	0.9	327	28
22/08/24 19:40	5	31	36	3	15.8	51	1.0	337	41
22/08/24 19:45	5	31	36	2	15.8	52	1.0	310	25
22/08/24 19:50	5	30	36	3	15.7	52	1.1	343	31
22/08/24 19:55	6	31	37	3	15.7	53	1.0	336	32
22/08/24 20:00	7	31	38	3	15.5	54	1.0	341	33
22/08/24 20:05	8	31	39	3	15.4	55	1.4	348	31
22/08/24 20:10	9	31	41	3	15.4	55	1.5	354	28
22/08/24 20:15	9	31	40	3	15.4	55	2.0	356	18
22/08/24 20:20	8	31	39	3	15.4	55	0.9	345	35
22/08/24 20:25	7	30	37	3	15.2	56	1.2	353	29
22/08/24 20:30	6	30	36	3	15.1	56	1.6	354	21
22/08/24 20:35	6	29	35	3	15.1	56	1.7	357	21
22/08/24 20:40	5	28	33	2	15.0	57	1.5	356	26
22/08/24 20:45	4	27	31	2	15.0	57	1.2	356	30
22/08/24 20:50	4	23	27	2	14.9	58	0.8	340	36
22/08/24 20:55	3	23	26	2	14.8	59	1.1	337	25
22/08/24 21:00	3	23	26	2	14.8	59	1.6	330	28

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/08/24 21:05	3	23	26	2	14.8	59	1.0	323	29
22/08/24 21:10	2	23	26	2	14.7	60	1.3	326	31
22/08/24 21:15	2	23	25	2	14.6	60	1.1	321	32
22/08/24 21:20	2	23	25	2	14.6	61	1.9	330	23
22/08/24 21:25	2	23	25	2	14.7	61	1.7	330	28
22/08/24 21:30	2	23	26	2	14.7	61	1.7	320	25
22/08/24 21:35	3	23	26	2	14.7	62	1.5	325	31
22/08/24 21:40	3	23	26	2	14.6	62	1.7	334	27
22/08/24 21:45	2	23	26	2	14.6	62	1.8	335	27
22/08/24 21:50	2	23	25	2	14.6	62	1.9	329	27
22/08/24 21:55	2	23	25	2	14.5	63	1.7	334	30
22/08/24 22:00	2	23	25	2	14.5	63	1.6	332	29
22/08/24 22:05	2	23	25	2	14.3	63	1.7	330	29
22/08/24 22:10	2	23	25	2	14.4	63	1.7	330	25
22/08/24 22:15	3	22	25	2	14.2	64	1.3	343	36
22/08/24 22:20	3	23	25	2	14.1	64	1.3	337	29
22/08/24 22:25	2	23	25	2	14.0	64	1.1	337	35
22/08/24 22:30	3	23	25	2	14.0	65	1.3	338	30
22/08/24 22:35	3	23	26	2	13.9	65	1.2	338	32
22/08/24 22:40	3	23	25	2	13.8	66	1.2	344	30
22/08/24 22:45	3	22	25	2	13.7	66	1.5	341	34
22/08/24 22:50	2	22	24	2	13.7	66	1.1	338	36
22/08/24 22:55	2	21	23	2	13.6	67	1.3	334	28
22/08/24 23:00	2	21	23	2	13.7	67	1.3	338	33
22/08/24 23:05	2	20	22	2	13.7	67	1.4	340	27
22/08/24 23:10	2	20	21	2	13.6	67	1.4	330	25
22/08/24 23:15	1	19	20	2	13.6	67	1.6	329	24
22/08/24 23:20	1	19	20	2	13.8	67	1.6	332	25
22/08/24 23:25	1	18	19	2	13.7	68	1.1	323	33
22/08/24 23:30	1	17	18	2	13.8	68	2.2	322	24
22/08/24 23:35	1	17	18	2	13.7	68	1.9	321	28
22/08/24 23:40	1	17	18	2	13.8	68	1.5	331	31
22/08/24 23:45	1	17	17	2	13.7	68	1.0	327	30
22/08/24 23:50	1	17	18		13.6	69	1.5	323	23
22/08/24 23:55	1	17	17		13.6	69	1.2	325	32
23/08/24 00:00	1	17	17	2	13.5	69	1.3	358	29
23/08/24 00:05	1	17	18	3	13.4	70	1.4	349	26
23/08/24 00:10	1	19	20	2	13.4	70	1.5	354	27
23/08/24 00:15	2	20	22	1	13.3	71	1.1	350	35
23/08/24 00:20	2	19	21	1	13.3	71	1.6	357	24
23/08/24 00:25	2	19	20	1	13.3	71	1.5	336	33
23/08/24 00:30	1	18	19	1	13.2	71	1.8	348	21
23/08/24 00:35	1	17	18	1	13.2	72	1.1	335	30
23/08/24 00:40	1	16	16	1	13.2	72	1.7	347	26
23/08/24 00:45	1	14	15	1	13.1	72	1.8	348	26
23/08/24 00:50	1	12	13	1	13.2	72	2.0	354	27
23/08/24 00:55	0	10	10	1	13.3	72	1.9	0	22
23/08/24 01:00	0	8	9	1	13.3	72	1.4	358	33
23/08/24 01:05					13.3	73	1.8	2	21
23/08/24 01:10					13.4	72	1.6	358	20
23/08/24 01:15					13.3	73	1.4	9	26
23/08/24 01:20					13.2	73	1.3	22	28
23/08/24 01:25					13.1	73	1.2	10	28
23/08/24 01:30					13.1	74	1.8	7	22
23/08/24 01:35					13.2	74	1.7	13	15
23/08/24 01:40					13.1	74	1.3	11	25
23/08/24 01:45					12.9	74	1.0	0	31
23/08/24 01:50					12.9	75	0.9	24	31
23/08/24 01:55					12.7	76	1.1	12	30
23/08/24 02:00					12.6	76	1.4	10	18
23/08/24 02:05	0	9	9	1	12.6	77	1.0	4	27
23/08/24 02:10	0	9	10	1	12.5	77	1.4	2	28
23/08/24 02:15	0	9	10	1	12.5	77	1.2	351	22
23/08/24 02:20	0	9	10	1	12.5	77	1.5	3	20
23/08/24 02:25	0	9	9	1	12.5	78	1.5	357	21
23/08/24 02:30	0	9	9	1	12.5	78	1.5	1	26
23/08/24 02:35	0	9	9	1	12.5	78	1.8	359	19
23/08/24 02:40	0	9	9	1	12.5	78	1.7	360	24
23/08/24 02:45	0	9	9	1	12.5	78	2.0	1	21
23/08/24 02:50	0	8	8	1	12.5	78	1.9	1	20
23/08/24 02:55	0	8	8	1	12.4	78	1.8	3	23
23/08/24 03:00	0	8	8	1	12.5	79	1.7	356	20
23/08/24 03:05	0	8	8	1	12.4	79	1.7	1	26
23/08/24 03:10	0	8	8	1	12.5	79	1.8	357	24
23/08/24 03:15	0	7	8	1	12.4	79	2.0	2	20
23/08/24 03:20	0	8	8	1	12.5	79	2.0	1	17
23/08/24 03:25	0	8	8	1	12.4	80	2.0	8	22
23/08/24 03:30	0	7	7	1	12.4	79	1.9	353	27
23/08/24 03:35	0	7	7	1	12.5	79	1.8	336	26
23/08/24 03:40	0	7	8	1	12.5	79	1.5	354	26
23/08/24 03:45	0	8	8	1	12.5	79	1.6	359	28
23/08/24 03:50	0	8	8	1	12.5	79	1.5	353	21
23/08/24 03:55	0	9	9	1	12.5	79	1.3	358	30
23/08/24 04:00	0	10	10	1	12.5	80	1.3	345	23

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/08/24 04:05	0	10	11	0	12.4	80	1.9	356	23
23/08/24 04:10	1	11	11	1	12.5	80	1.7	347	31
23/08/24 04:15	1	11	12	1	12.5	80	1.8	1	24
23/08/24 04:20	1	12	13	0	12.4	80	1.7	331	24
23/08/24 04:25	1	13	14	0	12.3	80	1.2	335	32
23/08/24 04:30	1	15	16	0	12.4	80	1.4	333	28
23/08/24 04:35	1	17	18	1	12.4	80	1.6	339	28
23/08/24 04:40	2	20	21	1	12.5	80	1.5	354	31
23/08/24 04:45	2	20	23	1	12.4	80	1.6	355	27
23/08/24 04:50	3	20	23	1	12.4	80	1.8	356	24
23/08/24 04:55	4	21	25	1	12.4	80	1.6	355	24
23/08/24 05:00	5	22	27	1	12.5	80	1.6	359	29
23/08/24 05:05	6	22	27	0	12.4	80	1.8	356	22
23/08/24 05:10	6	21	27	1	12.4	80	1.5	357	27
23/08/24 05:15	5	21	26	1	12.5	80	1.6	2	23
23/08/24 05:20	5	21	26	1	12.5	80	1.9	359	21
23/08/24 05:25	6	21	27	1	12.5	80	1.9	353	21
23/08/24 05:30	8	22	29	1	12.5	80	2.0	1	23
23/08/24 05:35	10	22	32	1	12.5	80	1.6	5	28
23/08/24 05:40	10	22	32	1	12.5	80	2.0	14	28
23/08/24 05:45	10	22	32	1	12.6	80	1.8	7	26
23/08/24 05:50	11	22	33	1	12.6	80	1.9	6	22
23/08/24 05:55	12	22	34	1	12.6	80	1.3	15	26
23/08/24 06:00	10	22	32	1	12.6	80	1.2	0	29
23/08/24 06:05	6	21	27	1	12.6	81	0.8	333	39
23/08/24 06:10	4	21	25	1	12.5	81	1.0	351	32
23/08/24 06:15	6	23	29	1	12.5	81	1.4	7	22
23/08/24 06:20	7	23	30	1	12.6	81	1.7	20	22
23/08/24 06:25	6	22	28	1	12.6	81	2.1	11	20
23/08/24 06:30	5	21	25	1	12.7	80	2.7	14	18
23/08/24 06:35	4	20	24	1	12.8	80	2.5	10	22
23/08/24 06:40	4	19	23	1	12.9	79	2.2	17	24
23/08/24 06:45	4	19	23	1	13.0	79	2.8	18	20
23/08/24 06:50	4	19	23	1	13.0	79	2.4	7	26
23/08/24 06:55	4	20	24	1	13.0	79	3.2	17	19
23/08/24 07:00	4	20	24	1	13.0	78	3.2	16	20
23/08/24 07:05	4	20	24	0	13.1	78	2.6	11	25
23/08/24 07:10	4	19	23	1	13.1	77	4.0	15	14
23/08/24 07:15	4	19	22	1	13.2	77	2.9	15	22
23/08/24 07:20	4	19	22	1	13.2	77	2.8	14	21
23/08/24 07:25	4	18	22	1	13.3	76	3.0	6	20
23/08/24 07:30	3	18	21	1	13.4	76	3.1	5	21
23/08/24 07:35	3	17	20	1	13.5	75	3.0	10	27
23/08/24 07:40	3	17	20	1	13.6	75	3.6	5	20
23/08/24 07:45	3	16	20	1	13.6	74	4.0	12	20
23/08/24 07:50	3	16	20	1	13.6	74	4.0	8	20
23/08/24 07:55	4	16	20	1	13.6	74	3.9	8	19
23/08/24 08:00	4	16	20	1	13.6	74	3.8	6	20
23/08/24 08:05	4	17	21	1	13.7	74	3.9	8	23
23/08/24 08:10	5	18	23	1	13.6	74	3.7	9	23
23/08/24 08:15	6	18	25	1	13.7	74	3.2	18	23
23/08/24 08:20	7	19	26	1	13.8	73	4.1	8	18
23/08/24 08:25	7	18	25	0	14.1	73	3.3	16	21
23/08/24 08:30	7	17	23	1	14.2	72	3.1	9	19
23/08/24 08:35	6	16	22	1	14.2	71	3.9	3	19
23/08/24 08:40	6	15	21	1	14.3	71	3.5	7	22
23/08/24 08:45	6	14	20	1	14.2	71	3.1	14	22
23/08/24 08:50	6	14	20	1	14.3	71	2.9	11	22
23/08/24 08:55	6	14	19	1	14.2	71	4.5	6	18
23/08/24 09:00	5	13	19	1	14.2	71	4.2	11	19
23/08/24 09:05	5	13	18	1	14.2	71	4.0	13	19
23/08/24 09:10	5	13	18	1	14.3	71	2.6	359	23
23/08/24 09:15	6	13	19	1	14.4	70	2.9	14	23
23/08/24 09:20	6	13	20	1	14.5	70	3.1	11	23
23/08/24 09:25	6	13	19	1	14.7	69	3.3	13	21
23/08/24 09:30	7	12	19	1	14.8	69	3.0	16	24
23/08/24 09:35	7	12	20	1	15.1	68	2.7	13	21
23/08/24 09:40	7	12	19	1	15.0	68	3.6	1	22
23/08/24 09:45	7	12	19	1	15.0	68	3.8	6	21
23/08/24 09:50	6	12	18	1	15.1	67	3.2	359	25
23/08/24 09:55	6	12	18	1	15.3	67	2.4	17	22
23/08/24 10:00	7	12	19	1	15.7	65	3.5	11	21
23/08/24 10:05	6	12	18	1	15.6	65	3.2	359	24
23/08/24 10:10	6	11	17	1	15.6	65	2.8	14	26
23/08/24 10:15	6	11	17	1	15.8	65	2.7	7	26
23/08/24 10:20	6	11	17	1	15.9	64	2.4	9	26
23/08/24 10:25	6	11	18	1	16.0	64	2.6	360	23
23/08/24 10:30	7	11	18	1	16.3	62	2.8	14	21
23/08/24 10:35	8	12	19	1	16.8	61	2.1	357	31
23/08/24 10:40	9	12	21	1	17.1	59	2.5	317	30
23/08/24 10:45	8	10	18	1	17.3	56	3.8	327	23
23/08/24 10:50	6	4	10	1	17.2	56	3.8	325	24
23/08/24 10:55	4	5	9	1	17.3	56	2.4	341	34
23/08/24 11:00	3	6	9	1	17.4	56	2.9	321	23

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/08/24 11:05	3	6	10	1	17.5	56	3.3	340	29
23/08/24 11:10	3	6	10	1	17.9	55	2.2	335	37
23/08/24 11:15	4	7	10	1	18.0	54	3.1	336	31
23/08/24 11:20	4	7	10	1	18.2	53	3.6	347	30
23/08/24 11:25	4	7	11	1	18.2	53	3.5	1	23
23/08/24 11:30	4	7	11	1	18.3	53	3.8	1	24
23/08/24 11:35	4	7	11	1	18.4	52	2.4	339	39
23/08/24 11:40	4	7	11	1	18.5	52	3.6	5	27
23/08/24 11:45	4	7	11	1	18.9	51	3.2	10	33
23/08/24 11:50	4	7	10	1	18.9	50	3.6	1	32
23/08/24 11:55	3	6	10	1	18.8	51	2.6	342	32
23/08/24 12:00	3	6	9	1	18.8	51	2.4	341	37
23/08/24 12:05	3	6	9	1	18.6	51	2.9	342	32
23/08/24 12:10	3	6	9	1	18.6	52	2.6	335	39
23/08/24 12:15	3	6	8	1	18.3	52	4.1	336	32
23/08/24 12:20	2	5	8	1	18.3	52	3.4	351	35
23/08/24 12:25	2	6	9	1	18.4	52	3.4	355	31
23/08/24 12:30	2	6	9	1	18.3	52	2.3	341	41
23/08/24 12:35	2	7	9	1	18.4	51	4.3	352	31
23/08/24 12:40	3	7	9	0	18.4	51	3.6	4	24
23/08/24 12:45	3	7	9	0	18.7	50	3.5	359	27
23/08/24 12:50	3	7	9	0	18.6	50	3.6	358	31
23/08/24 12:55	3	7	9	0	18.7	50	4.0	354	33
23/08/24 13:00	3	6	9	0	18.7	50	3.3	2	26
23/08/24 13:05	3	6	9	0	18.9	50	3.3	11	32
23/08/24 13:10	3	6	9	0	19.0	49	5.0	11	20
23/08/24 13:15	3	6	9	0	18.9	49	4.6	11	24
23/08/24 13:20	3	6	9	0	18.9	50	4.2	351	27
23/08/24 13:25	3	6	9	0	19.0	50	3.9	11	27
23/08/24 13:30	3	6	9	0	19.1	50	3.5	1	29
23/08/24 13:35	3	6	9	0	19.1	50	4.1	8	25
23/08/24 13:40	3	7	10	0	19.1	50	5.0	1	22
23/08/24 13:45	3	7	10	0	19.2	51	3.0	3	34
23/08/24 13:50	3	7	10	0	19.3	50	4.1	9	26
23/08/24 13:55	3	7	10	0	19.2	51	3.6	351	33
23/08/24 14:00	3	7	10	0	19.1	51	2.6	345	36
23/08/24 14:05	3	7	10	0	19.1	51	2.3	328	29
23/08/24 14:10	3	7	10	0	19.3	51	2.4	354	29
23/08/24 14:15	3	7	10	0	19.4	50	3.9	2	24
23/08/24 14:20	3	7	10	0	19.3	50	3.4	350	36
23/08/24 14:25	3	7	10	0	19.3	50	3.0	347	34
23/08/24 14:30	3	7	10	0	19.3	51	2.8	355	33
23/08/24 14:35	3	8	11	0	19.4	51	4.2	14	20
23/08/24 14:40	3	8	11	0	19.4	51	4.0	353	31
23/08/24 14:45	3	9	12	0	19.2	52	3.2	8	27
23/08/24 14:50	3	9	12	0	19.2	52	3.8	8	30
23/08/24 14:55	3	9	12	0	19.0	52	3.1	355	24
23/08/24 15:00	3	10	13	0	19.1	52	3.7	6	19
23/08/24 15:05	3	10	13	0	19.1	53	2.6	354	35
23/08/24 15:10	3	11	14	0	19.1	53	3.6	0	27
23/08/24 15:15	3	11	14	0	18.9	53	2.9	358	32
23/08/24 15:20	3	11	15	0	18.8	53	2.6	3	27
23/08/24 15:25	3	12	15	0	18.8	53	4.1	358	28
23/08/24 15:30	3	12	15	0	18.7	54	3.3	356	35
23/08/24 15:35	3	11	14	0	18.6	54	4.0	12	20
23/08/24 15:40	3	11	13	0	18.6	54	3.2	5	23
23/08/24 15:45	2	11	13	0	18.6	55	3.8	3	26
23/08/24 15:50	2	11	13	0	18.6	55	4.0	6	24
23/08/24 15:55	2	11	13	0	18.6	54	4.5	5	22
23/08/24 16:00	2	11	13	0	18.6	54	3.8	8	24
23/08/24 16:05	2	11	13	0	18.5	55	2.5	2	31
23/08/24 16:10	2	12	14	0	18.6	55	3.7	7	22
23/08/24 16:15	2	12	14	0	18.6	55	3.8	9	25
23/08/24 16:20	2	11	13	0	18.5	55	3.4	5	26
23/08/24 16:25	2	11	13	0	18.5	56	4.1	12	26
23/08/24 16:30	2	11	13	0	18.5	57	3.9	6	26
23/08/24 16:35	2	11	12	0	18.3	60	4.3	12	21
23/08/24 16:40	1	10	12	0	17.9	63	4.9	8	15
23/08/24 16:45	1	10	11	0	17.7	64	4.5	10	18
23/08/24 16:50	1	10	11	0	17.6	65	2.7	17	26
23/08/24 16:55	1	10	11	0	17.4	66	2.6	14	24
23/08/24 17:00	1	10	11	0	17.2	68	2.5	20	27
23/08/24 17:05	1	10	10	0	17.1	68	3.4	12	21
23/08/24 17:10	1	10	11	0	16.9	71	2.2	16	22
23/08/24 17:15	1	10	11	0	16.6	73	2.9	20	22
23/08/24 17:20	1	11	12	0	16.5	73	3.7	23	20
23/08/24 17:25	1	10	11	0	16.4	74	3.6	23	16
23/08/24 17:30	1	10	11	0	16.4	73	4.2	21	17
23/08/24 17:35	1	10	10	0	16.4	74	4.0	28	13
23/08/24 17:40	1	10	10	0	16.4	74	3.8	29	14
23/08/24 17:45	1	10	10	0	16.4	75	3.8	28	13
23/08/24 17:50	1	10	11	0	16.4	74	3.5	30	16
23/08/24 17:55	2	10	12	0	16.3	75	3.2	25	16
23/08/24 18:00	1	13	15	0	16.3	75	2.7	36	13

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/08/24 18:05	1	15	16	0	16.2	75	2.3	26	18
23/08/24 18:10	1	15	16	0	16.3	74	3.9	27	16
23/08/24 18:15	1	14	15	0	16.5	73	3.8	32	15
23/08/24 18:20	1	13	14	0	16.5	73	4.4	30	18
23/08/24 18:25	1	13	14	0	16.4	74	2.4	38	15
23/08/24 18:30	1	13	14	0	16.3	74	2.5	32	21
23/08/24 18:35	1	14	14	0	16.3	75	2.0	42	22
23/08/24 18:40	1	14	15	0	16.2	76	1.8	59	14
23/08/24 18:45	1	15	16	0	16.1	76	2.2	47	13
23/08/24 18:50	1	15	16	0	16.3	74	2.6	46	16
23/08/24 18:55	1	14	15	0	16.5	71	3.2	41	13
23/08/24 19:00	1	13	14	0	16.7	69	3.5	37	20
23/08/24 19:05	1	12	12	0	16.8	69	3.8	38	16
23/08/24 19:10	1	11	12	0	16.8	68	3.5	38	14
23/08/24 19:15	1	10	11	0	16.9	68	3.6	47	14
23/08/24 19:20	1	9	10	0	16.8	68	3.8	47	17
23/08/24 19:25	1	9	9	0	16.9	67	3.9	40	19
23/08/24 19:30	1	8	9	0	16.8	66	3.6	44	16
23/08/24 19:35	0	7	8	0	17.0	66	4.0	49	16
23/08/24 19:40	0	7	7	0	17.0	66	3.2	42	17
23/08/24 19:45	0	7	7	0	16.9	66	3.6	50	12
23/08/24 19:50	0	7	7	0	17.0	65	4.6	46	14
23/08/24 19:55	0	6	7	0	17.0	65	3.4	45	18
23/08/24 20:00	0	6	7	0	17.0	65	3.8	35	14
23/08/24 20:05	0	6	7	0	17.0	64	4.0	34	15
23/08/24 20:10	0	6	6	0	17.1	63	4.2	35	13
23/08/24 20:15	0	6	6	0	17.1	63	3.7	32	13
23/08/24 20:20	0	6	6	0	17.1	63	3.0	34	19
23/08/24 20:25	0	6	7	0	17.1	62	3.6	32	12
23/08/24 20:30	0	6	6	0	17.2	62	3.2	35	14
23/08/24 20:35	1	7	8	0	17.3	61	3.1	26	22
23/08/24 20:40	1	7	8	0	17.4	60	3.1	23	23
23/08/24 20:45	1	6	6	0	17.4	60	3.3	25	21
23/08/24 20:50	0	5	6	0	17.4	60	3.5	24	14
23/08/24 20:55	1	5	6	0	17.5	59	3.8	19	16
23/08/24 21:00	1	5	6	0	17.7	58	2.8	16	21
23/08/24 21:05	0	6	6	0	17.6	59	2.5	20	31
23/08/24 21:10	0	6	6	0	17.6	58	3.0	16	23
23/08/24 21:15	0	5	6	0	17.7	57	3.1	14	27
23/08/24 21:20	0	5	5	0	17.9	56	3.3	21	18
23/08/24 21:25	0	5	5	0	18.2	55	4.2	10	20
23/08/24 21:30	0	4	5	0	18.2	55	3.0	358	27
23/08/24 21:35	0	4	5	0	18.2	57	2.1	10	31
23/08/24 21:40	0	5	5	0	17.9	58	2.6	358	28
23/08/24 21:45	0	5	5	0	17.7	60	2.6	3	27
23/08/24 21:50	0	5	5	0	17.5	62	4.1	4	21
23/08/24 21:55	0	5	5	0	17.2	64	3.1	348	32
23/08/24 22:00	0	5	5	0	17.0	66	2.6	323	30
23/08/24 22:05	0	5	5	0	16.5	71	3.0	4	26
23/08/24 22:10	0	5	6	0	16.0	76	3.6	25	17
23/08/24 22:15	0	6	6	0	15.6	78	5.9	25	15
23/08/24 22:20	0	5	6	0	15.6	77	5.3	28	15
23/08/24 22:25	0	5	5	0	15.8	76	4.1	27	24
23/08/24 22:30	0	5	5	0	15.9	76	4.5	21	21
23/08/24 22:35	0	4	5	0	16.0	73	5.7	15	22
23/08/24 22:40	0	4	4	0	16.2	73	4.3	25	22
23/08/24 22:45	0	4	4	0	16.2	72	4.4	19	21
23/08/24 22:50	0	4	4	0	16.2	72	5.2	25	16
23/08/24 22:55	0	4	4	0	16.6	69	7.2	27	15
23/08/24 23:00	0	3	4	0	16.7	68	6.7	24	17
23/08/24 23:05	0	3	3	0	16.7	68	5.1	25	21
23/08/24 23:10	0	3	3	0	16.6	69	4.2	12	23
23/08/24 23:15	0	3	4	0	16.4	69	5.0	21	17
23/08/24 23:20	0	3	4	0	16.6	68	5.2	20	17
23/08/24 23:25	0	3	4	0	16.6	68	5.2	21	22
23/08/24 23:30	0	3	3	0	16.6	67	6.0	20	18
23/08/24 23:35	0	3	3	0	16.8	67	5.0	21	23
23/08/24 23:40	0	3	3	0	16.7	67	5.0	19	24
23/08/24 23:45	0	3	3	0	16.7	67	5.3	21	16
23/08/24 23:50	0	3	3		16.6	67	4.9	24	25
23/08/24 23:55	0	3	3		16.9	65	5.8	27	21
24/08/24 00:00	0	2	3	0	17.0	65	8.0	25	18
24/08/24 00:05	0	2	2	1	17.1	64	6.5	18	21
24/08/24 00:10	0	2	2	1	17.2	64	6.8	25	16
24/08/24 00:15	0	2	2	1	17.2	63	5.7	21	19
24/08/24 00:20	0	2	2	1	17.3	62	6.2	22	18
24/08/24 00:25	0	2	2	1	17.5	62	5.6	24	17
24/08/24 00:30	0	2	2	1	17.6	61	5.0	23	22
24/08/24 00:35	0	2	2	1	17.6	61	5.1	23	21
24/08/24 00:40	0	2	2	1	17.7	60	5.5	24	20
24/08/24 00:45	0	2	2	1	17.7	61	4.3	27	29
24/08/24 00:50	0	2	2	1	17.7	61	5.5	20	19
24/08/24 00:55	0	2	2	1	17.6	61	4.9	17	27
24/08/24 01:00	0	2	2	1	17.6	61	4.2	9	20

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/08/24 01:05					17.6	61	5.4	20	21
24/08/24 01:10					17.6	61	4.8	13	23
24/08/24 01:15					17.7	61	5.4	11	21
24/08/24 01:20					17.7	61	6.6	13	22
24/08/24 01:25					18.0	60	6.5	5	24
24/08/24 01:30					18.1	59	6.8	7	21
24/08/24 01:35					18.1	59	6.0	11	25
24/08/24 01:40					18.0	59	6.9	5	20
24/08/24 01:45					18.1	60	6.5	8	23
24/08/24 01:50					18.0	60	6.2	13	22
24/08/24 01:55					17.9	60	6.5	9	19
24/08/24 02:00					17.9	60	5.8	8	19
24/08/24 02:05	0	2	2	1	17.9	60	4.8	6	18
24/08/24 02:10	0	2	3	1	17.8	61	4.8	6	23
24/08/24 02:15	0	3	3	1	17.7	61	3.9	4	29
24/08/24 02:20	0	3	3	1	17.7	61	4.4	357	26
24/08/24 02:25	0	3	3	1	17.6	62	3.9	354	27
24/08/24 02:30	0	3	3	1	17.6	61	3.5	346	32
24/08/24 02:35	0	3	3	1	17.5	62	3.5	344	30
24/08/24 02:40	0	3	3	1	17.5	62	3.7	351	25
24/08/24 02:45	0	3	3	0	17.5	62	2.8	354	34
24/08/24 02:50	0	3	3	1	17.5	62	3.1	320	31
24/08/24 02:55	0	3	3	1	17.5	62	2.7	329	37
24/08/24 03:00	0	3	4	1	17.5	62	3.3	359	31
24/08/24 03:05	0	4	4	1	17.6	61	4.6	357	26
24/08/24 03:10	0	3	3	1	17.7	61	2.8	331	36
24/08/24 03:15	0	3	3	1	17.4	62	3.0	319	26
24/08/24 03:20	0	3	4	1	17.4	63	2.6	307	28
24/08/24 03:25	0	4	4	1	17.2	63	2.3	324	30
24/08/24 03:30	0	4	4	1	17.3	63	2.5	345	32
24/08/24 03:35	0	4	4	1	17.2	63	2.7	352	30
24/08/24 03:40	0	4	4	1	17.2	63	2.2	359	35
24/08/24 03:45	0	4	4	1	17.1	63	3.8	22	23
24/08/24 03:50	0	4	4	1	17.1	63	3.7	11	22
24/08/24 03:55	0	4	4	1	17.2	63	3.5	350	32
24/08/24 04:00	0	4	4	1	17.2	63	3.7	303	21
24/08/24 04:05	0	4	4	1	17.0	64	2.6	306	18
24/08/24 04:10	0	4	4	1	17.0	64	2.4	350	39
24/08/24 04:15	0	4	5	1	17.1	63	3.9	2	28
24/08/24 04:20	0	5	5	1	17.1	63	3.4	359	25
24/08/24 04:25	0	5	5	0	17.1	63	4.4	15	16
24/08/24 04:30	0	5	5	0	17.1	63	3.6	13	20
24/08/24 04:35	0	4	4	1	17.1	63	4.0	9	21
24/08/24 04:40	0	4	4	1	17.2	63	2.9	15	23
24/08/24 04:45	0	4	4	1	17.1	63	3.2	5	26
24/08/24 04:50	0	4	4	1	17.1	63	2.9	6	30
24/08/24 04:55	0	4	4	1	17.0	63	3.9	0	21
24/08/24 05:00	0	4	5	1	17.1	63	3.5	9	25
24/08/24 05:05	0	4	5	1	17.2	63	3.7	7	18
24/08/24 05:10	0	4	5	1	17.1	63	3.9	10	18
24/08/24 05:15	0	5	5	1	17.0	64	2.9	10	27
24/08/24 05:20	0	5	6	1	17.0	64	3.8	10	22
24/08/24 05:25	0	5	6	1	17.0	64	3.4	2	29
24/08/24 05:30	0	5	5	1	17.0	64	3.8	15	26
24/08/24 05:35	0	5	5	1	16.9	65	3.5	1	24
24/08/24 05:40	0	5	5	1	16.8	65	5.3	6	17
24/08/24 05:45	0	5	5	1	16.9	65	4.4	360	22
24/08/24 05:50	0	4	5	1	16.7	65	4.2	4	21
24/08/24 05:55	0	4	4	1	16.6	66	3.8	1	25
24/08/24 06:00	0	4	4	1	16.6	66	3.4	2	25
24/08/24 06:05	0	4	4	1	16.5	66	4.1	7	24
24/08/24 06:10	0	4	4	1	16.5	67	3.7	358	21
24/08/24 06:15	0	4	4	1	16.4	67	3.2	350	30
24/08/24 06:20	0	5	5	1	16.3	67	3.1	353	31
24/08/24 06:25	0	5	5	1	16.3	67	2.8	352	33
24/08/24 06:30	0	6	6	1	16.2	68	2.7	352	38
24/08/24 06:35	0	6	6	1	16.2	68	3.4	353	30
24/08/24 06:40	0	7	7	1	16.2	68	3.4	350	27
24/08/24 06:45	0	8	8	1	16.1	68	3.2	357	25
24/08/24 06:50	0	8	9	1	16.2	69	3.0	352	33
24/08/24 06:55	1	9	9	1	16.0	69	2.7	1	30
24/08/24 07:00	1	9	10	1	16.0	69	2.8	358	34
24/08/24 07:05	1	9	10	1	16.0	69	3.5	359	25
24/08/24 07:10	1	9	10	1	16.0	69	3.1	352	28
24/08/24 07:15	1	9	10	1	15.9	69	3.1	3	25
24/08/24 07:20	1	9	9	1	15.9	69	2.7	358	27
24/08/24 07:25	1	8	9	1	16.0	69	3.7	5	22
24/08/24 07:30	1	8	9	1	16.1	69	3.2	6	25
24/08/24 07:35	1	8	9	1	16.2	68	3.4	5	23
24/08/24 07:40	1	8	9	1	16.3	67	3.9	4	18
24/08/24 07:45	1	8	9	1	16.4	67	2.6	2	24
24/08/24 07:50	2	8	10	1	16.4	67	2.9	7	24
24/08/24 07:55	2	8	9	1	16.6	66	3.7	6	22
24/08/24 08:00	2	8	9	1	16.6	66	3.1	8	25

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/08/24 08:05	2	8	10	1	16.7	66	3.1	9	23
24/08/24 08:10	2	8	10	1	16.8	66	3.0	6	28
24/08/24 08:15	2	8	10	1	16.9	65	2.6	2	21
24/08/24 08:20	3	8	11	1	16.9	65	3.1	4	23
24/08/24 08:25	3	8	11	1	17.0	65	2.9	354	28
24/08/24 08:30	3	8	11	1	17.0	65	2.5	356	30
24/08/24 08:35	3	8	11	1	17.1	64	2.0	332	33
24/08/24 08:40	3	8	11	1	17.2	64	2.0	331	27
24/08/24 08:45	4	8	12	1	17.3	63	2.6	327	22
24/08/24 08:50	5	9	13	1	17.3	63	2.3	326	24
24/08/24 08:55	5	9	14	1	17.4	63	2.3	316	27
24/08/24 09:00	5	9	14	1	17.5	63	2.2	315	21
24/08/24 09:05	5	8	13	1	17.6	62	2.5	318	25
24/08/24 09:10	4	8	12	1	17.7	62	2.8	307	19
24/08/24 09:15	4	8	12	1	17.7	62	3.0	310	21
24/08/24 09:20	4	7	12	1	17.8	62	3.0	311	24
24/08/24 09:25	4	6	10	1	17.9	62	2.5	322	25
24/08/24 09:30	3	6	9	1	17.9	62	2.1	316	30
24/08/24 09:35	3	6	9	1	17.7	62	2.5	312	19
24/08/24 09:40	3	6	9	1	17.6	62	2.8	314	22
24/08/24 09:45	3	6	9	1	17.5	63	2.4	329	26
24/08/24 09:50	3	6	8	1	17.7	63	2.1	343	26
24/08/24 09:55	2	5	8	1	17.7	62	2.4	327	23
24/08/24 10:00	2	5	7	1	17.8	62	2.4	315	24
24/08/24 10:05	2	5	7	1	17.8	62	2.4	324	24
24/08/24 10:10	2	5	7	1	17.8	61	2.1	301	21
24/08/24 10:15	3	5	8	1	18.2	61	2.7	302	21
24/08/24 10:20	3	5	8	1	18.3	60	2.4	316	28
24/08/24 10:25	3	5	8	1	18.3	60	2.3	312	26
24/08/24 10:30	3	5	8	1	18.2	60	2.8	310	17
24/08/24 10:35	3	5	8	1	18.1	60	3.3	306	15
24/08/24 10:40	3	5	8	1	18.2	61	3.0	310	17
24/08/24 10:45	3	5	8	1	18.3	60	2.4	305	22
24/08/24 10:50	2	4	7	1	18.3	60	1.2	311	43
24/08/24 10:55	2	4	6	1	18.5	59	3.2	308	17
24/08/24 11:00	2	4	6	1	18.7	59	2.4	319	25
24/08/24 11:05	2	4	6	1	19.1	58	1.7	324	31
24/08/24 11:10	2	4	5	1	19.4	58	1.8	356	39
24/08/24 11:15	2	4	5	1	19.7	57	2.9	328	24
24/08/24 11:20	2	4	5	1	19.2	58	2.6	330	27
24/08/24 11:25	2	4	5	1	19.1	59	2.1	317	39
24/08/24 11:30	2	4	5	1	19.2	59	3.0	313	27
24/08/24 11:35	2	4	6	1	18.9	60	1.8	315	28
24/08/24 11:40	2	4	6	1	18.8	60	2.4	296	23
24/08/24 11:45	2	5	7	1	18.7	60	1.6	319	30
24/08/24 11:50	2	5	7	1	18.9	59	2.0	313	28
24/08/24 11:55	2	5	7	1	19.1	58	2.2	309	29
24/08/24 12:00	2	5	7	1	19.0	58	1.5	294	34
24/08/24 12:05	2	4	6	1	19.1	57	2.7	355	31
24/08/24 12:10	2	4	6	1	19.7	55	3.5	16	19
24/08/24 12:15	2	4	6	1	19.7	55	1.9	345	28
24/08/24 12:20	2	4	6	1	19.6	55	1.8	353	32
24/08/24 12:25	2	5	7	1	19.9	53	2.7	15	20
24/08/24 12:30	2	5	6	1	19.9	53	2.2	2	46
24/08/24 12:35	2	5	6	1	19.3	55	1.4	283	25
24/08/24 12:40	2	4	6	1	19.4	55	1.2	339	46
24/08/24 12:45	2	4	6	1	20.1	53	1.8	4	42
24/08/24 12:50	2	4	6	1	20.6	51	2.0	16	35
24/08/24 12:55	2	4	6	1	20.5	51	2.1	1	28
24/08/24 13:00	2	4	6	1	20.5	51	1.4	316	32
24/08/24 13:05	2	4	6	1	20.7	52	1.8	350	42
24/08/24 13:10	1	4	5	1	20.8	52	2.2	355	27
24/08/24 13:15	1	4	5	1	20.9	52	2.3	11	27
24/08/24 13:20	1	4	5	1	21.0	52	2.2	341	39
24/08/24 13:25	1	4	5	1	20.8	52	2.6	325	30
24/08/24 13:30	1	3	5	1	20.7	52	2.7	313	28
24/08/24 13:35	1	3	4	1	20.9	50	1.8	345	39
24/08/24 13:40	1	3	4	1	21.1	48	2.1	310	27
24/08/24 13:45	1	4	5	1	21.2	47	2.4	314	34
24/08/24 13:50	2	4	5	1	21.1	47	3.4	311	25
24/08/24 13:55	2	4	6	1	21.2	48	3.4	342	28
24/08/24 14:00	1	4	5	1	21.2	48	3.6	306	28
24/08/24 14:05	2	4	5	2	21.0	49	2.8	304	18
24/08/24 14:10	1	4	5	1	21.3	48	3.0	322	27
24/08/24 14:15	1	4	5	1	21.3	48	2.5	329	27
24/08/24 14:20	1	4	5	1	21.4	48	2.2	331	27
24/08/24 14:25	1	4	5	1	21.5	48	2.5	338	30
24/08/24 14:30	1	4	5	1	21.5	47	2.8	331	28
24/08/24 14:35	1	4	5	1	21.6	48	2.6	336	33
24/08/24 14:40	1	4	5	1	21.9	47	2.6	359	30
24/08/24 14:45	1	4	5	1	22.1	47	1.9	334	35
24/08/24 14:50	1	4	5	1	22.0	47	1.8	354	43
24/08/24 14:55	1	4	5	1	22.1	47	3.0	329	26
24/08/24 15:00	1	4	5	1	22.0	48	2.6	312	25

Station Pier Ambient Air Quality Monitoring

August 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/08/24 15:05	1	3	5	1	22.0	48	2.7	306	26
24/08/24 15:10	1	4	5	1	22.1	47	3.5	330	26
24/08/24 15:15	1	3	4	1	22.2	46	2.3	312	21
24/08/24 15:20	1	3	4	1	22.4	46	2.8	309	20
24/08/24 15:25	1	3	4	1	22.3	45	3.4	314	21
24/08/24 15:30	1	3	4	1	22.4	45	2.6	325	29
24/08/24 15:35	1	3	4	1	22.6	44	2.9	332	27
24/08/24 15:40	1	3	4	1	22.6	44	3.1	311	23
24/08/24 15:45	1	3	4	1	22.5	44	2.4	336	34
24/08/24 15:50	1	3	4	1	22.6	44	2.8	305	21
24/08/24 15:55	1	3	4	1	22.4	44	2.9	308	20
24/08/24 16:00	1	3	4	1	22.4	44	2.9	309	23
24/08/24 16:05	1	3	4	1	22.5	44	2.4	332	27
24/08/24 16:10	1	3	4	1	22.5	44	2.4	318	28
24/08/24 16:15	1	3	4	1	22.5	44	2.9	314	22
24/08/24 16:20	1	3	4	1	22.4	45	2.4	326	32
24/08/24 16:25	1	3	4	1	22.3	47	3.0	319	21
24/08/24 16:30	1	4	5	1	21.9	50	2.4	352	29
24/08/24 16:35	1	4	5	1	22.0	50	2.5	349	34
24/08/24 16:40	1	4	5	1	21.9	51	2.4	347	34
24/08/24 16:45	1	4	5	1	21.8	50	2.6	343	33
24/08/24 16:50	1	5	6	2	21.9	49	1.4	311	38
24/08/24 16:55	1	5	6	1	21.9	51	1.7	332	37
24/08/24 17:00	1	6	7	1	21.6	52	2.2	326	31
24/08/24 17:05	1	6	7	1	21.4	53	2.8	328	26
24/08/24 17:10	1	5	6	1	21.4	53	1.6	341	38
24/08/24 17:15	1	6	6	1	21.4	53	2.3	337	32
24/08/24 17:20	1	6	6	1	21.3	54	1.6	332	40
24/08/24 17:25	1	6	6	2	21.2	54	1.9	337	31
24/08/24 17:30	1	6	7	2	21.1	55	1.7	336	30
24/08/24 17:35	1	6	7	1	21.1	55	2.4	352	34
24/08/24 17:40	1	6	7	1	20.9	55	2.9	4	29
24/08/24 17:45	1	7	8	1	20.8	55	2.1	345	30
24/08/24 17:50	1	7	8	1	20.6	56	2.2	355	30
24/08/24 17:55	1	7	8	1	20.5	56	2.3	350	29
24/08/24 18:00	1	7	8	1	20.3	57	1.7	321	29
24/08/24 18:05	0	7	8	1	20.2	58	2.1	326	23
24/08/24 18:10	0	7	8	1	20.1	58	2.3	324	30
24/08/24 18:15	0	8	8	1	20.1	58	1.7	337	34
24/08/24 18:20	0	8	8	1	20.0	58	2.5	314	24
24/08/24 18:25	0	9	9	1	20.0	58	2.1	310	22
24/08/24 18:30	0	9	9	1	19.8	58	2.6	315	24
24/08/24 18:35	0	9	9	1	19.8	58	2.6	329	22
24/08/24 18:40	0	9	9	2	19.6	58	2.3	322	23
24/08/24 18:45	0	8	9	2	19.5	59	2.1	332	28
24/08/24 18:50	0	10	10	1	19.4	60	1.9	330	23
24/08/24 18:55	1	12	12	1	19.3	60	1.7	338	29
24/08/24 19:00	1	13	13	1	19.2	61	2.0	342	30
24/08/24 19:05	1	13	13	1	19.1	61	2.0	338	30
24/08/24 19:10	0	12	13	1	19.0	62	1.9	341	29
24/08/24 19:15	1	12	12	1	18.8	62	1.7	356	32
24/08/24 19:20	1	11	12	2	18.8	63	1.9	353	34
24/08/24 19:25	0	11	11	2	18.7	63	2.3	359	20
24/08/24 19:30	0	11	11	1	18.5	63	2.0	1	26
24/08/24 19:35	0	11	11	1	18.5	64	2.5	6	22
24/08/24 19:40	0	11	12	1	18.4	65	1.8	10	24
24/08/24 19:45	1	12	12	2	18.4	65	2.3	2	21
24/08/24 19:50	1	11	12	1	18.2	66	2.1	2	25
24/08/24 19:55	1	12	13	1	18.1	67	2.2	0	22
24/08/24 20:00	1	12	13	1	18.0	67	1.8	7	24
24/08/24 20:05	1	12	13	1	17.9	67	2.0	1	27
24/08/24 20:10	1	12	12	1	17.9	68	1.8	4	26
24/08/24 20:15	1	12	12	1	17.9	68	1.8	3	24
24/08/24 20:20	1	11	12	2	17.7	68	1.9	8	22
24/08/24 20:25	1	12	13	2	17.7	69	2.5	358	22
24/08/24 20:30	1	12	13	2	17.7	69	2.2	352	26
24/08/24 20:35	1	12	13	2	17.6	69	2.0	359	29
24/08/24 20:40	1	12	13	2	17.5	69	1.6	351	23
24/08/24 20:45	1	12	13	2	17.4	70	2.0	359	27
24/08/24 20:50	1	12	13	2	17.5	69	1.8	351	28
24/08/24 20:55	1	13	14	2	17.4	70	1.7	359	26
24/08/24 21:00	1	13	14	2	17.4	70	2.2	357	24
24/08/24 21:05	1	13	14	2	17.4	70	1.5	348	36
24/08/24 21:10	1	13	14	2	17.4	70	2.1	358	26
24/08/24 21:15	1	13	14	2	17.4	70	2.2	357	23
24/08/24 21:20	1	13	14	2	17.3	70	2.1	3	26
24/08/24 21:25	1	13	13	2	17.3	70	1.9	10	22
24/08/24 21:30	1	12	13	2	17.2	70	2.0	353	26
24/08/24 21:35	1	12	13	2	17.2	70	2.4	4	16
24/08/24 21:40	1	12	13	2	17.2	70	1.8	4	23
24/08/24 21:45	1	11	12	2	17.1	70	1.5	355	27
24/08/24 21:50	1	11	11	2	17.1	71	1.9	9	21
24/08/24 21:55	1	10	11	2	17.0	71	1.6	2	24
24/08/24 22:00	1	10	10	2	17.0	71	2.0	4	19

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/08/24 22:05	1	10	10	2	17.1	71	1.3	9	28
24/08/24 22:10	1	10	10	2	17.0	71	1.7	19	22
24/08/24 22:15	1	10	11	2	16.9	71	0.9	31	30
24/08/24 22:20	1	10	12	2	16.7	72	0.9	33	26
24/08/24 22:25	1	11	12	2	16.7	73	0.8	33	28
24/08/24 22:30	1	12	13	2	16.6	73	1.1	27	26
24/08/24 22:35	2	13	15	2	16.7	73	1.1	25	25
24/08/24 22:40	2	15	17	2	16.6	73	1.0	33	24
24/08/24 22:45	2	15	17	2	16.7	73	1.1	38	19
24/08/24 22:50	2	15	17	2	16.6	73	1.5	35	12
24/08/24 22:55	2	14	16	2	16.6	73	1.6	40	9
24/08/24 23:00	2	13	15	2	16.5	73	1.0	34	16
24/08/24 23:05	2	13	15	2	16.5	73	1.5	37	12
24/08/24 23:10	2	13	14	2	16.4	73	1.4	30	22
24/08/24 23:15	2	12	14	2	16.4	72	1.3	26	17
24/08/24 23:20	2	12	14	2	16.5	73	1.5	31	19
24/08/24 23:25	2	12	14	1	16.6	72	2.0	31	16
24/08/24 23:30	2	11	13	2	16.6	72	2.0	30	15
24/08/24 23:35	2	10	12	2	16.7	71	1.7	29	22
24/08/24 23:40	2	10	12	2	16.6	72	1.9	32	16
24/08/24 23:45	1	10	12	2	16.6	72	1.7	30	19
24/08/24 23:50	1	10	12		16.5	72	2.2	27	15
24/08/24 23:55	1	10	11		16.7	72	1.8	33	14
25/08/24 00:00	2	10	12	2	16.6	72	2.1	28	13
25/08/24 00:05	2	10	11	3	16.7	72	2.1	30	15
25/08/24 00:10	1	9	10	2	16.6	72	2.3	30	13
25/08/24 00:15	1	8	9	2	16.7	72	2.1	32	15
25/08/24 00:20	1	8	9	2	16.6	72	1.7	33	13
25/08/24 00:25	1	8	9	2	16.5	72	1.7	41	12
25/08/24 00:30	2	9	10	1	16.2	73	1.5	31	19
25/08/24 00:35	1	9	10	1	16.2	74	1.5	29	20
25/08/24 00:40	1	8	10	1	16.3	73	2.1	27	18
25/08/24 00:45	1	8	9	1	16.4	73	2.3	27	18
25/08/24 00:50	1	8	9	2	16.4	73	2.0	23	18
25/08/24 00:55	1	8	9	1	16.3	73	2.1	26	19
25/08/24 01:00	1	8	9	1	16.3	73	1.9	26	18
25/08/24 01:05					16.2	73	2.0	21	21
25/08/24 01:10					16.2	74	2.0	30	19
25/08/24 01:15					16.2	74	2.2	28	15
25/08/24 01:20					16.1	74	1.9	30	16
25/08/24 01:25					16.2	73	2.0	32	16
25/08/24 01:30					16.2	73	2.4	33	12
25/08/24 01:35					16.2	73	1.7	28	18
25/08/24 01:40					16.2	73	2.2	23	20
25/08/24 01:45					16.3	72	2.5	37	13
25/08/24 01:50					16.3	72	2.0	42	17
25/08/24 01:55					16.2	73	1.7	45	20
25/08/24 02:00					15.8	73	1.7	60	18
25/08/24 02:05	1	7	8	1	15.6	75	2.0	64	13
25/08/24 02:10	1	7	8	1	15.3	76	2.0	54	20
25/08/24 02:15	0	7	7	1	15.5	75	2.1	61	20
25/08/24 02:20	0	6	7	1	15.4	75	1.7	65	14
25/08/24 02:25	1	7	7	1	15.2	76	1.9	68	16
25/08/24 02:30	1	6	7	1	15.2	76	2.0	61	14
25/08/24 02:35	2	10	12	1	15.1	76	1.7	57	19
25/08/24 02:40	3	8	11	1	15.0	76	1.7	66	18
25/08/24 02:45	2	3	5	2	15.0	76	2.3	54	15
25/08/24 02:50	1	4	5	1	14.9	76	2.0	44	12
25/08/24 02:55	0	4	5	2	14.8	77	1.4	44	15
25/08/24 03:00	0	4	5	2	14.6	77	0.9	28	19
25/08/24 03:05	0	5	5	2	14.5	78	1.7	47	12
25/08/24 03:10	0	5	5	2	14.5	78	1.5	44	16
25/08/24 03:15	0	5	5	2	14.6	78	1.8	43	11
25/08/24 03:20	0	4	5	2	14.6	78	1.4	31	15
25/08/24 03:25	0	5	5	1	14.6	78	1.3	32	13
25/08/24 03:30	0	5	5	1	14.6	78	0.8	23	18
25/08/24 03:35	0	5	5	1	14.6	79	0.8	58	13
25/08/24 03:40	0	5	5	1	14.5	79	0.8	46	12
25/08/24 03:45	0	5	5	1	14.4	79	1.1	33	14
25/08/24 03:50	0	5	5	1	14.4	79	0.9	16	13
25/08/24 03:55	0	6	6	2	14.3	79	0.8	82	19
25/08/24 04:00	0	6	6	2	14.3	79	1.1	60	14
25/08/24 04:05	0	5	5	1	14.4	79	1.7	64	11
25/08/24 04:10	0	5	5	1	14.6	78	1.8	68	18
25/08/24 04:15	0	5	5	1	14.7	77	1.8	45	18
25/08/24 04:20	0	5	5	1	14.5	78	1.6	41	11
25/08/24 04:25	0	5	5	1	14.4	78	1.3	34	12
25/08/24 04:30	0	5	5	1	14.4	78	0.5	342	55
25/08/24 04:35	0	5	5	1	14.2	80	1.1	301	26
25/08/24 04:40	0	5	5	1	14.3	80	0.7	358	61
25/08/24 04:45	0	5	6	1	14.4	79	2.0	52	11
25/08/24 04:50	0	5	5	1	14.5	78	1.7	43	22
25/08/24 04:55	0	5	5	1	14.7	77	1.5	3	26
25/08/24 05:00	0	5	5	1	14.8	76	1.8	10	23

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/08/24 05:05	0	5	5	1	14.9	76	2.0	13	20
25/08/24 05:10	0	4	4	1	14.9	76	3.0	22	16
25/08/24 05:15	0	4	4	1	15.1	74	2.6	16	18
25/08/24 05:20	0	4	4	1	15.1	74	1.9	15	21
25/08/24 05:25	0	4	4	1	15.0	74	2.5	13	18
25/08/24 05:30	0	4	4	1	15.0	74	2.4	15	26
25/08/24 05:35	0	4	4	1	15.1	74	2.6	24	24
25/08/24 05:40	0	4	4	1	15.3	72	2.5	28	20
25/08/24 05:45	0	4	4	1	15.6	71	3.0	23	24
25/08/24 05:50	0	4	4	1	15.8	70	2.9	16	24
25/08/24 05:55	0	4	4	1	15.7	70	2.7	14	19
25/08/24 06:00	0	4	4	1	15.7	70	2.8	22	20
25/08/24 06:05	0	4	4	1	15.6	71	2.1	13	23
25/08/24 06:10	0	4	4	1	15.4	72	1.8	19	20
25/08/24 06:15	0	4	4	1	15.2	72	1.6	10	25
25/08/24 06:20	0	4	4	1	15.2	73	1.6	12	25
25/08/24 06:25	0	4	4	1	14.9	74	1.0	23	38
25/08/24 06:30	0	5	5	1	14.9	74	1.9	37	17
25/08/24 06:35	0	5	5	1	14.8	75	1.5	25	18
25/08/24 06:40	0	5	5	1	14.7	75	0.9	29	28
25/08/24 06:45	0	5	6	1	14.6	76	0.8	44	28
25/08/24 06:50	0	6	6	1	14.4	76	0.4	14	46
25/08/24 06:55	0	6	6	1	14.4	77	1.1	348	24
25/08/24 07:00	0	6	6	1	14.3	77	0.7	24	33
25/08/24 07:05	0	7	7	1	14.2	77	0.9	23	28
25/08/24 07:10	0	7	7	1	14.3	77	1.2	30	23
25/08/24 07:15	0	7	8	1	14.3	76	1.8	31	13
25/08/24 07:20	0	7	8	1	14.4	75	1.6	28	16
25/08/24 07:25	1	8	8	1	14.6	74	1.6	22	17
25/08/24 07:30	1	8	9	1	14.8	72	2.4	27	13
25/08/24 07:35	1	9	9	1	15.1	70	1.8	16	14
25/08/24 07:40	1	9	10	1	15.1	70	1.5	10	19
25/08/24 07:45	1	9	9	1	15.1	69	1.3	356	17
25/08/24 07:50	1	9	9	1	15.3	69	1.1	345	27
25/08/24 07:55	1	9	10	1	15.2	69	1.2	320	23
25/08/24 08:00	1	9	10	1	15.2	69	1.3	338	33
25/08/24 08:05	2	9	11	1	15.1	70	1.1	348	39
25/08/24 08:10	2	10	12	1	14.9	71	2.0	4	20
25/08/24 08:15	2	10	12	1	14.8	71	1.9	5	17
25/08/24 08:20	2	10	12	1	15.0	70	1.7	6	22
25/08/24 08:25	2	9	11	1	15.2	69	2.0	12	23
25/08/24 08:30	2	9	11	1	15.5	67	2.2	16	22
25/08/24 08:35	2	8	10	2	15.9	65	1.9	22	21
25/08/24 08:40	2	8	10	1	16.2	63	2.3	33	10
25/08/24 08:45	2	8	10	1	16.5	62	2.5	39	11
25/08/24 08:50	3	10	12	1	16.6	61	2.4	46	9
25/08/24 08:55	3	13	16	1	16.8	61	1.5	40	11
25/08/24 09:00	4	12	16	1	17.0	59	1.8	52	18
25/08/24 09:05	3	10	14	1	17.2	59	1.6	53	15
25/08/24 09:10	3	10	13	2	17.3	58	1.9	42	24
25/08/24 09:15	3	10	13	2	17.7	55	2.6	28	18
25/08/24 09:20	3	9	12	2	18.2	52	4.0	31	15
25/08/24 09:25	2	7	10	2	18.4	52	3.8	30	16
25/08/24 09:30	2	6	8	1	18.5	52	3.4	26	18
25/08/24 09:35	2	6	8	2	18.4	53	2.9	22	23
25/08/24 09:40	2	6	8	2	18.5	54	3.1	21	18
25/08/24 09:45	2	7	9	2	18.4	55	2.7	23	19
25/08/24 09:50	2	7	9	1	18.4	55	2.4	13	21
25/08/24 09:55	2	7	10	1	18.5	54	2.2	18	24
25/08/24 10:00	2	8	10	1	18.9	53	2.7	22	20
25/08/24 10:05	2	8	10	2	19.1	52	2.6	26	16
25/08/24 10:10	2	8	10	1	19.2	52	2.6	27	18
25/08/24 10:15	2	8	10	1	19.6	50	2.7	24	17
25/08/24 10:20	2	7	10	2	19.8	49	2.6	13	21
25/08/24 10:25	2	7	9	1	20.1	47	3.1	14	19
25/08/24 10:30	2	7	9	1	20.2	47	2.9	11	22
25/08/24 10:35	2	7	9	1	20.3	47	3.3	7	20
25/08/24 10:40	2	7	9	1	20.3	48	2.9	13	25
25/08/24 10:45	2	7	9	2	20.4	48	2.6	21	19
25/08/24 10:50	2	7	9	2	20.4	48	2.7	20	15
25/08/24 10:55	2	7	9	2	20.6	48	2.7	13	21
25/08/24 11:00	2	7	9	2	20.7	48	3.0	16	20
25/08/24 11:05	2	7	9	1	20.8	47	2.8	5	23
25/08/24 11:10	2	7	9	1	20.8	48	2.0	14	30
25/08/24 11:15	3	7	10	2	21.0	47	2.0	7	23
25/08/24 11:20	2	7	9	1	21.0	47	2.4	23	26
25/08/24 11:25	2	7	9	2	21.2	46	4.1	27	16
25/08/24 11:30	2	6	8	1	21.4	47	4.0	20	21
25/08/24 11:35	2	6	7	1	21.3	49	2.9	356	33
25/08/24 11:40	2	6	7	1	21.0	51	4.0	355	29
25/08/24 11:45	2	5	7	1	20.8	52	3.2	2	30
25/08/24 11:50	2	5	7	1	20.8	52	3.8	8	21
25/08/24 11:55	2	5	7	1	21.0	53	5.4	6	22
25/08/24 12:00	2	5	6	1	21.1	55	6.0	17	20

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/08/24 12:05	2	4	6	1	21.3	56	5.4	3	19
25/08/24 12:10	1	4	5	1	21.4	57	5.5	9	23
25/08/24 12:15	1	4	5	1	21.5	57	6.1	14	19
25/08/24 12:20	1	3	5	1	21.5	57	5.1	6	30
25/08/24 12:25	1	3	5	1	21.5	57	5.8	9	25
25/08/24 12:30	1	3	5	1	21.5	57	4.2	5	30
25/08/24 12:35	2	3	5	1	21.6	57	4.5	0	26
25/08/24 12:40	1	3	5	2	21.9	57	3.0	346	39
25/08/24 12:45	2	3	5	2	21.9	57	2.7	342	35
25/08/24 12:50	1	3	5	1	22.1	57	3.9	351	31
25/08/24 12:55	1	3	5	1	22.2	57	3.3	346	33
25/08/24 13:00	1	3	5	1	22.2	57	2.7	333	35
25/08/24 13:05	2	4	5	2	22.4	57	2.3	337	34
25/08/24 13:10	2	4	6	2	22.4	57	2.4	318	34
25/08/24 13:15	2	4	6	2	22.6	57	2.9	325	30
25/08/24 13:20	2	4	7	2	22.6	56	3.3	324	27
25/08/24 13:25	2	4	7	1	22.7	57	3.0	328	30
25/08/24 13:30	2	4	7	2	22.8	56	2.7	338	28
25/08/24 13:35	2	4	6	1	23.1	56	3.0	349	35
25/08/24 13:40	2	4	6	2	23.4	55	3.0	2	28
25/08/24 13:45	2	4	7	1	23.6	55	3.1	352	30
25/08/24 13:50	2	4	7	1	23.6	55	3.1	346	32
25/08/24 13:55	2	4	6	1	23.7	54	2.6	348	40
25/08/24 14:00	2	4	6	2	24.0	54	2.5	357	36
25/08/24 14:05	2	4	6	2	24.1	52	2.8	356	37
25/08/24 14:10	2	5	7	2	24.2	51	2.9	327	32
25/08/24 14:15	2	5	7	2	24.4	50	3.5	337	30
25/08/24 14:20	2	5	7	2	24.4	49	3.9	328	29
25/08/24 14:25	2	5	8	2	24.3	50	3.0	322	29
25/08/24 14:30	2	5	8	2	24.3	50	4.7	330	24
25/08/24 14:35	2	5	7	2	24.1	50	4.0	318	24
25/08/24 14:40	2	5	7	2	24.2	51	2.5	339	38
25/08/24 14:45	2	5	7	2	24.4	52	3.0	352	27
25/08/24 14:50	2	5	7	1	24.4	51	3.3	1	25
25/08/24 14:55	2	5	7	1	24.4	51	2.7	345	36
25/08/24 15:00	2	4	6	1	24.4	51	4.5	356	22
25/08/24 15:05	2	4	6	2	24.3	51	3.8	347	29
25/08/24 15:10	1	4	5	1	24.0	51	4.0	330	25
25/08/24 15:15	1	4	6	1	23.7	52	2.6	337	38
25/08/24 15:20	1	5	6	1	23.6	53	3.9	354	31
25/08/24 15:25	1	5	6	1	23.4	53	3.6	331	27
25/08/24 15:30	1	5	6	1	23.3	52	4.0	323	29
25/08/24 15:35	1	6	7	1	23.0	53	3.3	326	27
25/08/24 15:40	1	6	7	1	23.1	54	4.2	310	22
25/08/24 15:45	1	6	7	1	23.0	54	4.9	301	17
25/08/24 15:50	1	6	7	1	22.8	56	3.7	286	15
25/08/24 15:55	1	6	7	1	22.5	57	3.7	281	11
25/08/24 16:00	1	6	7	1	22.1	59	3.9	279	12
25/08/24 16:05	1	7	7	1	21.9	61	2.7	285	12
25/08/24 16:10	1	8	8	1	21.6	62	4.3	273	7
25/08/24 16:15	1	9	10	1	21.2	64	3.6	274	6
25/08/24 16:20	1	9	10	1	20.7	65	5.0	270	5
25/08/24 16:25	1	10	11	1	20.3	68	3.6	282	13
25/08/24 16:30	1	11	12	1	20.5	70	2.8	309	17
25/08/24 16:35	1	11	12	1	20.8	71	1.9	310	18
25/08/24 16:40	1	11	12	1	20.7	70	3.4	302	14
25/08/24 16:45	1	11	12	1	20.9	65	3.9	303	14
25/08/24 16:50	1	11	12	1	20.9	64	2.3	326	31
25/08/24 16:55	1	11	13	1	20.6	66	2.1	325	30
25/08/24 17:00	2	12	14	1	20.3	68	2.3	317	18
25/08/24 17:05	2	12	14	1	20.0	69	2.1	325	28
25/08/24 17:10	2	12	14	1	19.9	69	1.2	319	37
25/08/24 17:15	2	13	15	1	19.7	71	2.3	320	25
25/08/24 17:20	2	13	15	1	19.3	74	1.0	319	34
25/08/24 17:25	2	14	16	1	19.3	76	1.2	321	30
25/08/24 17:30	3	17	19	1	19.0	77	1.3	291	20
25/08/24 17:35	3	16	18	0	18.8	77	1.3	295	19
25/08/24 17:40	2	15	17	0	18.8	79	1.4	318	20
25/08/24 17:45	2	16	18	0	18.8	79	1.3	333	18
25/08/24 17:50	2	19	20	1	18.9	79	1.0	341	27
25/08/24 17:55	2	20	22	1	18.8	80	0.8	332	32
25/08/24 18:00	3	27	30	1	18.8	80	1.5	355	15
25/08/24 18:05	10	31	41	1	18.8	80	1.1	334	32
25/08/24 18:10	15	27	42	1	18.9	80	1.0	327	18
25/08/24 18:15	18	28	45	1	19.0	80	0.6	269	73
25/08/24 18:20	8	15	23	1	17.8	69	11.4	238	15
25/08/24 18:25	1	5	5	1	16.0	77	12.2	256	14
25/08/24 18:30	0	4	5	1	15.5	82	7.2	280	15
25/08/24 18:35	1	4	4	1	15.3	85	4.8	298	13
25/08/24 18:40	1	3	4	1	14.9	87	3.4	293	16
25/08/24 18:45	1	3	4	1	14.6	87	3.8	300	14
25/08/24 18:50	1	4	4	1	14.7	87	3.8	296	11
25/08/24 18:55	1	6	6	1	14.7	87	3.2	297	9
25/08/24 19:00	1	14	15	1	14.7	88	3.1	284	14

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/08/24 19:05	1	12	12	1	14.7	88	3.1	276	11
25/08/24 19:10	1	6	7	1	14.7	88	2.9	279	12
25/08/24 19:15	0	6	6	1	14.8	88	2.1	283	13
25/08/24 19:20	0	6	6	1	14.7	88	2.3	282	14
25/08/24 19:25	0	6	6	1	14.9	88	2.1	292	16
25/08/24 19:30	0	5	5	1	14.9	86	2.6	277	16
25/08/24 19:35	0	5	5	1	15.2	85	2.9	289	15
25/08/24 19:40	0	5	5	1	15.3	84	2.9	296	12
25/08/24 19:45	0	7	8	1	15.6	80	3.6	288	19
25/08/24 19:50	0	9	9	1	15.8	75	3.6	298	15
25/08/24 19:55	0	6	6	1	15.9	75	2.3	309	15
25/08/24 20:00	0	7	7	1	15.8	75	2.3	267	22
25/08/24 20:05	0	7	7	1	15.8	75	2.2	260	13
25/08/24 20:10	0	8	9	1	15.4	76	2.3	234	9
25/08/24 20:15	1	14	15	1	15.5	70	3.2	257	14
25/08/24 20:20	1	11	12	1	15.7	67	2.8	284	18
25/08/24 20:25	0	7	8	1	15.7	67	2.4	302	15
25/08/24 20:30	1	7	8	1	15.6	66	2.8	308	19
25/08/24 20:35	0	7	8	1	15.3	67	3.9	285	15
25/08/24 20:40	0	7	7	1	15.2	67	2.8	299	14
25/08/24 20:45	0	6	6	1	15.0	66	2.4	305	19
25/08/24 20:50	0	5	5	1	15.1	67	2.5	302	14
25/08/24 20:55	0	5	5	1	15.0	67	2.2	299	19
25/08/24 21:00	0	5	5	1	14.9	67	2.5	296	13
25/08/24 21:05	0	5	5	1	14.8	67	2.6	299	16
25/08/24 21:10	0	5	6	1	14.7	66	2.9	297	14
25/08/24 21:15	0	6	6	1	14.8	65	3.3	293	14
25/08/24 21:20	0	6	6	1	14.7	65	3.3	289	15
25/08/24 21:25	0	7	7	2	14.7	65	3.5	291	15
25/08/24 21:30	0	7	7	2	14.7	64	4.3	286	13
25/08/24 21:35	0	7	7	1	14.7	64	3.3	292	12
25/08/24 21:40	0	8	8	1	14.7	63	3.7	294	14
25/08/24 21:45	0	7	7	1	14.7	63	3.7	290	14
25/08/24 21:50	0	6	6	1	14.7	64	3.5	287	14
25/08/24 21:55	0	6	6	1	14.7	63	4.3	292	16
25/08/24 22:00	0	6	6	1	14.7	63	4.5	287	13
25/08/24 22:05	0	5	5	1	14.7	63	5.0	285	13
25/08/24 22:10	0	6	6	1	14.6	64	4.6	287	15
25/08/24 22:15	0	6	7	1	14.6	64	5.5	289	11
25/08/24 22:20	0	6	7	1	14.6	63	5.3	289	13
25/08/24 22:25	0	7	8	1	14.6	64	5.5	291	12
25/08/24 22:30	0	7	8	1	14.5	64	5.1	289	15
25/08/24 22:35	0	7	7	1	14.4	64	4.2	288	14
25/08/24 22:40	0	7	7	1	14.3	65	3.4	286	20
25/08/24 22:45	0	7	8	1	14.3	65	3.1	284	16
25/08/24 22:50	0	9	9	1	14.2	66	2.9	275	15
25/08/24 22:55	0	10	10	1	14.2	67	2.9	280	12
25/08/24 23:00	0	10	10	1	14.1	67	3.5	283	14
25/08/24 23:05	0	9	9	1	14.2	66	4.1	291	15
25/08/24 23:10	0	9	9	1	14.3	65	5.0	291	12
25/08/24 23:15	0	10	10	1	14.3	65	4.9	292	12
25/08/24 23:20	0	10	10	1	14.3	65	4.4	291	13
25/08/24 23:25	0	9	9	1	14.3	65	4.0	288	14
25/08/24 23:30	0	7	7	1	14.2	65	4.4	290	14
25/08/24 23:35	0	5	5	1	14.2	65	4.0	294	12
25/08/24 23:40	0	4	4	1	14.2	66	3.6	290	15
25/08/24 23:45	0	4	4	1	14.2	65	4.0	291	15
25/08/24 23:50	0	4	4		14.2	66	3.2	288	17
25/08/24 23:55	0	4	4		14.3	66	3.3	286	18
26/08/24 00:00	0	4	4	1	14.2	65	3.2	294	17
26/08/24 00:05	0	4	4	2	14.3	65	3.2	293	15
26/08/24 00:10	0	4	4	1	14.2	65	2.8	298	23
26/08/24 00:15	0	4	4	1	14.2	65	3.0	293	13
26/08/24 00:20	0	4	4	2	14.2	66	2.5	300	18
26/08/24 00:25	0	4	4	2	14.2	65	3.0	297	19
26/08/24 00:30	0	4	4	1	14.2	65	2.9	294	15
26/08/24 00:35	0	4	4	1	14.2	66	2.6	294	14
26/08/24 00:40	0	4	4	1	14.2	66	3.2	296	15
26/08/24 00:45	0	4	4	1	14.2	66	3.4	298	13
26/08/24 00:50	0	4	4	1	14.3	66	3.1	294	16
26/08/24 00:55	0	4	4	1	14.2	67	2.7	293	18
26/08/24 01:00	0	4	4	2	14.2	67	2.8	295	14
26/08/24 01:05					14.1	66	3.3	298	14
26/08/24 01:10					14.2	66	3.3	298	16
26/08/24 01:15					14.3	66	3.4	291	20
26/08/24 01:20					14.4	66	3.2	292	13
26/08/24 01:25					14.3	66	3.2	299	16
26/08/24 01:30					14.1	66	3.1	298	15
26/08/24 01:35					14.1	66	3.4	304	15
26/08/24 01:40					14.2	67	3.6	307	16
26/08/24 01:45					14.1	66	4.0	310	11
26/08/24 01:50					14.2	67	3.7	301	14
26/08/24 01:55					14.2	66	3.4	308	12
26/08/24 02:00					14.2	66	2.3	318	17

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/08/24 02:05	0	4	4	2	14.1	67	2.2	313	21
26/08/24 02:10	0	4	5	2	14.1	66	2.0	323	27
26/08/24 02:15	0	13	13	2	14.2	66	1.4	339	29
26/08/24 02:20	1	20	21	2	14.1	67	1.4	345	36
26/08/24 02:25	1	18	19	2	14.1	66	1.6	333	27
26/08/24 02:30	1	18	19	2	14.1	66	1.1	321	32
26/08/24 02:35	1	18	19	2	14.1	67	1.0	338	38
26/08/24 02:40	1	17	18	2	14.1	67	1.4	345	40
26/08/24 02:45	1	11	11	2	14.1	66	1.1	327	34
26/08/24 02:50	1	8	9	2	14.2	66	2.1	332	21
26/08/24 02:55	0	8	9	2	14.3	66	1.9	321	22
26/08/24 03:00	0	8	9	2	14.1	66	2.1	317	31
26/08/24 03:05	0	8	9	2	14.0	67	2.0	327	29
26/08/24 03:10	1	10	11	2	14.0	68	2.6	310	23
26/08/24 03:15	1	9	10	2	14.5	68	5.2	289	16
26/08/24 03:20	1	4	5	2	14.6	70	4.1	288	14
26/08/24 03:25	0	3	3	1	14.5	70	4.2	287	15
26/08/24 03:30	0	2	2	1	14.6	68	4.1	294	13
26/08/24 03:35	0	2	2	2	14.8	67	3.4	297	13
26/08/24 03:40	0	2	2	2	14.8	67	3.6	292	15
26/08/24 03:45	0	2	3	2	14.9	67	3.3	295	17
26/08/24 03:50	0	3	3	2	14.9	67	2.9	285	17
26/08/24 03:55	0	3	3	2	14.9	67	2.5	289	17
26/08/24 04:00	0	3	3	2	14.9	68	3.0	293	17
26/08/24 04:05	0	3	3	2	14.8	68	3.5	292	15
26/08/24 04:10	0	3	3	2	14.8	69	3.3	287	15
26/08/24 04:15	0	3	3	2	14.8	69	2.8	290	16
26/08/24 04:20	0	3	3	2	14.8	70	3.1	299	16
26/08/24 04:25	0	3	3	2	14.7	71	3.3	289	15
26/08/24 04:30	0	3	3	2	14.7	71	3.7	294	17
26/08/24 04:35	0	3	4	2	14.6	72	3.9	291	15
26/08/24 04:40	0	3	3	2	14.5	75	4.7	286	11
26/08/24 04:45	0	4	4	1	14.0	79	4.9	279	14
26/08/24 04:50	0	5	5	2	13.7	82	3.3	283	13
26/08/24 04:55	0	10	10	2	13.5	83	3.2	291	15
26/08/24 05:00	0	13	14	2	13.5	82	2.4	290	12
26/08/24 05:05	0	9	9	1	13.7	81	2.9	298	14
26/08/24 05:10	0	5	6	2	13.8	79	3.8	305	13
26/08/24 05:15	0	5	5	2	13.9	79	3.3	307	14
26/08/24 05:20	0	5	5	2	14.0	79	3.0	290	13
26/08/24 05:25	0	5	5	2	14.0	79	3.1	290	20
26/08/24 05:30	0	5	5	2	14.0	78	2.9	283	10
26/08/24 05:35	0	5	5	2	14.1	78	3.2	285	16
26/08/24 05:40	0	6	6	1	14.1	79	2.8	290	14
26/08/24 05:45	0	9	9	1	14.1	78	3.2	293	13
26/08/24 05:50	0	17	17	1	14.2	76	3.2	285	14
26/08/24 05:55	1	18	19	1	14.5	75	5.1	281	12
26/08/24 06:00	1	13	14	1	14.5	74	6.3	275	10
26/08/24 06:05	1	11	12	1	14.6	74	4.4	286	14
26/08/24 06:10	1	13	14	1	14.5	74	4.3	288	12
26/08/24 06:15	1	18	19	1	14.5	73	4.4	286	14
26/08/24 06:20	1	16	17	1	14.6	72	4.4	287	12
26/08/24 06:25	1	13	14	2	14.7	72	3.9	291	17
26/08/24 06:30	1	10	11	2	14.7	71	4.0	290	14
26/08/24 06:35	1	11	12	2	14.7	71	4.1	294	17
26/08/24 06:40	1	12	13	2	14.8	70	4.4	292	12
26/08/24 06:45	1	13	14	2	14.7	70	4.5	292	14
26/08/24 06:50	1	15	16	2	14.7	71	3.6	286	14
26/08/24 06:55	1	20	21	2	14.7	71	4.9	284	16
26/08/24 07:00	1	20	21	2	14.7	71	4.5	281	15
26/08/24 07:05	1	17	18	2	14.8	70	6.0	282	14
26/08/24 07:10	1	11	12	2	14.7	71	5.4	278	10
26/08/24 07:15	1	10	11	2	14.7	71	4.4	281	14
26/08/24 07:20	1	11	12	2	14.7	71	4.4	281	15
26/08/24 07:25	1	12	13	2	14.6	71	4.5	284	13
26/08/24 07:30	2	20	22	2	14.7	70	3.5	292	15
26/08/24 07:35	3	30	33	2	14.7	70	3.5	289	16
26/08/24 07:40	6	28	34	2	14.7	69	2.8	295	17
26/08/24 07:45	6	24	30	2	14.8	69	2.9	295	15
26/08/24 07:50	4	19	23	2	14.9	68	2.5	291	14
26/08/24 07:55	4	18	23	2	15.0	68	2.7	291	15
26/08/24 08:00	4	17	21	2	15.0	67	3.1	289	14
26/08/24 08:05	4	16	21	2	15.1	67	3.1	282	12
26/08/24 08:10	4	16	20	2	15.1	67	3.3	287	12
26/08/24 08:15	4	16	20	2	15.3	66	3.6	287	13
26/08/24 08:20	4	16	20	2	15.3	66	4.0	285	14
26/08/24 08:25	5	16	21	2	15.4	66	3.8	284	15
26/08/24 08:30	5	16	22	2	15.5	66	6.1	271	9
26/08/24 08:35	5	15	20	2	15.3	67	5.4	279	12
26/08/24 08:40	4	11	15	2	15.1	69	6.6	261	8
26/08/24 08:45	3	10	14	2	14.9	69	7.9	261	10
26/08/24 08:50	3	6	8	2	14.9	70	7.2	262	7
26/08/24 08:55	2	7	10	2	14.8	70	7.1	248	8
26/08/24 09:00	2	8	10	2	14.8	70	7.2	254	9

Station Pier Ambient Air Quality Monitoring

August 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/08/24 09:05	2	10	13	2	14.9	70	5.9	252	10
26/08/24 09:10	2	13	16	2	14.8	71	6.4	250	8
26/08/24 09:15	2	9	11	2	14.7	71	5.6	268	15
26/08/24 09:20	2	8	11	2	14.6	72	5.0	273	10
26/08/24 09:25	2	8	10	2	14.5	74	3.2	278	11
26/08/24 09:30	2	8	10	2	14.6	73	4.4	271	7
26/08/24 09:35	2	8	10	2	14.6	74	6.7	260	6
26/08/24 09:40	2	7	9	2	14.3	76	6.5	266	12
26/08/24 09:45	2	7	8	2	14.3	76	4.6	280	13
26/08/24 09:50	2	7	8	2	14.3	75	5.2	278	12
26/08/24 09:55	2	8	10	2	14.4	73	6.5	269	9
26/08/24 10:00	2	6	8	2	14.5	72	7.0	261	4
26/08/24 10:05	2	6	8	2	14.7	73	5.4	263	8
26/08/24 10:10	2	6	8	2	14.8	72	6.1	260	8
26/08/24 10:15	2	7	9	2	14.8	73	6.5	260	8
26/08/24 10:20	2	7	9	2	14.7	73	6.0	269	6
26/08/24 10:25	2	7	9	2	14.7	73	4.0	276	12
26/08/24 10:30	2	6	8	2	14.9	72	4.1	269	13
26/08/24 10:35	2	7	9	2	15.1	70	5.0	261	9
26/08/24 10:40	2	7	9	2	15.1	69	5.7	259	6
26/08/24 10:45	2	7	9	2	15.0	70	4.8	272	8
26/08/24 10:50	2	6	8	2	15.1	70	3.6	264	16
26/08/24 10:55	2	6	8	2	15.1	71	3.4	253	12
26/08/24 11:00	2	7	9	2	15.4	68	4.4	258	10
26/08/24 11:05	2	8	10	2	15.4	69	4.1	256	12
26/08/24 11:10	3	8	11	2	15.4	68	4.6	263	11
26/08/24 11:15	2	8	10	2	15.3	68	4.4	248	9
26/08/24 11:20	2	8	10	2	15.4	67	5.0	253	8
26/08/24 11:25	2	9	11	2	15.5	67	5.6	254	9
26/08/24 11:30	2	9	11	2	15.6	67	4.9	258	8
26/08/24 11:35	2	9	11	2	15.5	67	4.7	265	11
26/08/24 11:40	2	8	11	2	15.6	66	4.7	275	15
26/08/24 11:45	2	8	11	2	15.8	65	4.2	281	15
26/08/24 11:50	3	9	12	2	16.0	60	3.8	282	14
26/08/24 11:55	3	9	12	2	16.4	58	5.0	279	15
26/08/24 12:00	3	6	9	2	16.6	57	6.0	278	13
26/08/24 12:05	3	6	9	2	16.5	57	8.0	267	5
26/08/24 12:10	3	5	8	2	16.2	58	6.1	279	13
26/08/24 12:15	3	5	8	2	16.7	55	5.6	289	12
26/08/24 12:20	3	5	8	2	16.8	55	5.5	289	12
26/08/24 12:25	2	6	8	2	16.9	55	6.6	283	14
26/08/24 12:30	3	6	9	2	16.8	55	9.0	264	7
26/08/24 12:35	2	5	8	2	16.9	54	9.4	269	5
26/08/24 12:40	2	5	7	2	16.9	55	7.8	272	9
26/08/24 12:45	2	5	7	2	16.9	56	8.3	271	7
26/08/24 12:50	2	5	6	2	16.8	57	6.0	277	12
26/08/24 12:55	1	5	6	2	16.8	56	8.2	274	10
26/08/24 13:00	1	4	5	2	16.7	56	7.8	273	11
26/08/24 13:05	1	4	5	2	16.4	59	9.2	260	7
26/08/24 13:10	1	5	6	2	16.2	62	8.2	260	6
26/08/24 13:15	2	5	7	2	16.0	61	8.5	254	5
26/08/24 13:20	2	5	7	2	16.2	60	8.6	263	6
26/08/24 13:25	2	4	5	2	16.2	59	7.2	256	7
26/08/24 13:30	2	4	5	2	16.5	57	7.6	266	9
26/08/24 13:35	2	4	5	2	16.7	55	6.6	264	7
26/08/24 13:40	2	4	6	2	17.0	53	5.3	273	11
26/08/24 13:45	2	4	5	2	17.2	51	5.0	280	15
26/08/24 13:50	2	4	6	2	17.3	52	5.3	287	11
26/08/24 13:55	2	4	6	2	17.5	52	5.3	280	10
26/08/24 14:00	2	4	6	2	17.6	52	8.1	265	11
26/08/24 14:05	2	4	5	2	17.5	53	8.4	269	8
26/08/24 14:10	1	3	5	2	17.5	53	6.3	279	12
26/08/24 14:15	1	4	5	2	17.6	53	6.9	267	9
26/08/24 14:20	1	4	5	2	17.5	53	6.9	269	12
26/08/24 14:25	1	4	5	2	17.5	53	7.7	261	6
26/08/24 14:30	1	4	6	2	17.4	54	6.9	257	6
26/08/24 14:35	2	6	7	2	17.5	54	4.7	268	10
26/08/24 14:40	2	7	9	2	17.4	56	5.4	259	9
26/08/24 14:45	2	7	9	3	17.4	55	5.5	254	6
26/08/24 14:50	2	10	12	2	17.3	56	4.4	262	7
26/08/24 14:55	2	9	11	2	17.6	56	3.0	267	10
26/08/24 15:00	2	12	14	2	17.5	56	4.0	268	8
26/08/24 15:05	2	10	12	2	17.7	55	5.0	266	7
26/08/24 15:10	2	8	10	2	17.8	55	3.7	267	9
26/08/24 15:15	2	8	11	2	18.0	54	3.8	279	18
26/08/24 15:20	3	11	13	2	18.5	52	4.1	287	15
26/08/24 15:25	3	9	12	2	18.6	51	4.7	278	12
26/08/24 15:30	3	13	16	2	18.4	53	5.9	269	5
26/08/24 15:35	3	13	16	2	18.4	53	5.0	275	13
26/08/24 15:40	3	10	13	2	18.4	54	6.6	265	5
26/08/24 15:45	3	8	10	2	18.3	54	4.8	269	7
26/08/24 15:50	2	7	10	2	18.4	54	6.7	262	5
26/08/24 15:55	2	7	9	2	18.4	54	5.6	274	9
26/08/24 16:00	2	7	9	2	18.3	54	7.5	269	7

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/08/24 16:05	1	6	8	2	18.2	55	7.0	258	5
26/08/24 16:10	1	6	7	2	18.1	57	7.7	265	6
26/08/24 16:15	1	6	7	2	18.3	55	6.5	269	10
26/08/24 16:20	1	6	7	2	18.2	56	6.8	267	6
26/08/24 16:25	1	6	8	2	18.1	55	6.8	259	6
26/08/24 16:30	2	7	9	2	18.0	55	7.1	265	5
26/08/24 16:35	1	7	8	2	18.1	54	6.6	267	4
26/08/24 16:40	1	7	8	2	18.0	53	6.4	262	6
26/08/24 16:45	1	8	9	2	17.9	54	5.7	260	6
26/08/24 16:50	1	8	10	2	18.0	52	5.4	273	8
26/08/24 16:55	1	8	10	2	18.1	52	6.2	268	6
26/08/24 17:00	1	9	10	2	18.0	53	3.8	285	14
26/08/24 17:05	1	8	9	2	18.2	51	3.8	286	15
26/08/24 17:10	1	9	10	2	18.2	51	4.3	291	14
26/08/24 17:15	1	11	12	2	18.2	50	3.6	289	15
26/08/24 17:20	1	11	12	2	18.3	51	3.3	287	12
26/08/24 17:25	1	10	11	2	18.3	51	3.5	287	12
26/08/24 17:30	1	10	11	2	18.3	52	3.1	285	14
26/08/24 17:35	1	12	14	2	18.3	52	3.0	291	16
26/08/24 17:40	1	11	12	2	18.3	52	3.4	288	15
26/08/24 17:45	1	8	9	2	18.3	52	3.0	294	16
26/08/24 17:50	1	9	10	2	18.3	53	2.7	287	18
26/08/24 17:55	1	10	11	2	18.1	53	2.4	285	16
26/08/24 18:00	1	11	11	2	18.2	53	2.9	294	17
26/08/24 18:05	0	11	11	2	18.3	52	2.7	299	13
26/08/24 18:10	0	12	12	2	18.2	53	1.7	322	34
26/08/24 18:15	1	12	13	2	18.3	55	1.9	330	23
26/08/24 18:20	1	13	13	2	18.0	56	1.7	328	28
26/08/24 18:25	1	13	13	2	18.0	56	2.2	327	27
26/08/24 18:30	1	13	14	2	17.9	57	1.9	322	23
26/08/24 18:35	1	14	14	2	17.9	57	1.5	325	30
26/08/24 18:40	1	14	14	2	17.8	57	2.3	322	25
26/08/24 18:45	1	14	14	2	17.8	57	2.6	324	21
26/08/24 18:50	1	14	14	2	17.8	57	2.1	320	26
26/08/24 18:55	0	14	14	2	17.8	57	2.1	328	29
26/08/24 19:00	0	14	14	2	17.7	57	2.3	334	30
26/08/24 19:05	1	14	15	2	17.6	57	2.1	311	24
26/08/24 19:10	1	15	15	2	17.6	57	2.3	310	25
26/08/24 19:15	1	15	16	3	17.6	57	2.3	307	17
26/08/24 19:20	1	16	17	2	17.6	57	3.2	303	11
26/08/24 19:25	1	18	19	2	17.6	56	3.9	308	14
26/08/24 19:30	2	18	20	2	17.6	57	3.4	308	18
26/08/24 19:35	1	18	19	2	17.5	57	3.7	307	14
26/08/24 19:40	1	17	18	2	17.4	57	3.6	307	14
26/08/24 19:45	1	17	18	2	17.3	58	3.5	305	14
26/08/24 19:50	1	17	18	2	17.2	58	3.5	307	15
26/08/24 19:55	1	16	17	2	17.2	58	3.4	308	17
26/08/24 20:00	1	16	16	2	17.2	58	3.1	309	17
26/08/24 20:05	1	15	16	2	17.1	58	3.7	305	11
26/08/24 20:10	1	16	17	2	17.1	58	3.6	310	17
26/08/24 20:15	1	16	17	2	17.2	58	3.4	307	14
26/08/24 20:20	1	16	17	3	17.2	58	2.9	304	16
26/08/24 20:25	1	17	18	2	17.0	59	2.9	310	17
26/08/24 20:30	1	18	19	3	17.1	59	2.6	307	16
26/08/24 20:35	1	18	19	3	17.1	59	2.9	313	18
26/08/24 20:40	1	16	17	3	17.0	59	2.8	303	16
26/08/24 20:45	1	13	14	3	16.9	59	2.5	311	17
26/08/24 20:50	1	13	14	3	17.0	60	2.2	308	26
26/08/24 20:55	1	14	14	2	17.1	60	3.4	305	16
26/08/24 21:00	1	14	14	2	16.9	60	3.6	311	15
26/08/24 21:05	1	14	15	3	17.0	60	2.4	314	21
26/08/24 21:10	1	14	15	3	16.8	60	2.7	311	17
26/08/24 21:15	1	15	16	3	16.8	60	2.4	323	32
26/08/24 21:20	1	15	16	3	16.7	61	2.8	312	24
26/08/24 21:25	1	14	14	3	16.7	61	2.6	306	15
26/08/24 21:30	1	14	14	3	16.6	61	2.5	306	19
26/08/24 21:35	1	14	14	3	16.6	61	2.3	316	20
26/08/24 21:40	0	14	14	2	16.5	61	2.2	317	21
26/08/24 21:45	0	14	14	2	16.5	62	2.0	319	25
26/08/24 21:50	1	14	14	2	16.5	62	2.2	307	23
26/08/24 21:55	1	13	14	3	16.3	62	2.3	302	16
26/08/24 22:00	0	13	14	3	16.3	63	2.1	312	21
26/08/24 22:05	0	13	13	3	16.2	63	2.8	311	18
26/08/24 22:10	0	13	13	3	16.2	63	2.7	317	22
26/08/24 22:15	0	12	13	3	16.3	64	2.5	327	23
26/08/24 22:20	0	11	12	2	16.2	64	2.3	342	28
26/08/24 22:25	0	11	11	2	16.2	64	2.4	325	22
26/08/24 22:30	0	10	11	2	16.2	65	2.3	321	20
26/08/24 22:35	0	10	11	3	16.1	65	2.4	334	28
26/08/24 22:40	0	10	11	3	16.1	65	2.0	332	33
26/08/24 22:45	0	10	11	2	16.0	65	2.0	330	30
26/08/24 22:50	0	11	11	2	15.9	66	2.1	329	27
26/08/24 22:55	1	11	12	2	15.9	66	2.4	323	17
26/08/24 23:00	1	12	13	2	15.9	66	1.5	338	32

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/08/24 23:05	1	14	15	2	15.8	67	1.3	351	39
26/08/24 23:10	1	16	18	2	15.7	67	1.8	328	34
26/08/24 23:15	2	17	18	2	15.7	67	2.2	339	23
26/08/24 23:20	2	17	18	2	15.7	67	1.8	324	28
26/08/24 23:25	1	16	18	2	15.6	68	1.4	326	29
26/08/24 23:30	2	16	18	2	15.5	68	1.8	334	38
26/08/24 23:35	2	17	19	2	15.4	69	1.8	331	31
26/08/24 23:40	2	18	20	2	15.4	69	2.1	327	25
26/08/24 23:45	2	17	19	3	15.3	69	2.2	322	25
26/08/24 23:50	2	16	17		15.3	69	2.2	334	26
26/08/24 23:55	1	14	16		15.1	70	1.8	326	26
27/08/24 00:00	1	13	14	3	15.1	70	2.1	324	26
27/08/24 00:05	1	13	14	3	15.2	70	2.1	321	23
27/08/24 00:10	1	13	13	2	15.1	70	2.4	337	30
27/08/24 00:15	1	13	14	1	15.0	70	1.8	320	25
27/08/24 00:20	1	13	14	1	14.8	70	2.4	319	24
27/08/24 00:25	1	14	15	2	14.9	70	2.7	331	23
27/08/24 00:30	1	14	15	1	15.0	70	2.7	328	21
27/08/24 00:35	1	14	15	1	14.9	69	1.9	318	30
27/08/24 00:40	1	13	14	1	15.0	69	2.3	330	22
27/08/24 00:45	1	13	13	1	14.9	70	2.2	322	24
27/08/24 00:50	1	12	13	1	14.9	70	2.1	328	25
27/08/24 00:55	1	11	12	1	14.9	70	2.3	333	28
27/08/24 01:00	1	10	11	1	14.8	70	1.8	330	29
27/08/24 01:05					14.8	70	2.2	324	23
27/08/24 01:10					14.7	70	2.2	330	26
27/08/24 01:15					14.7	69	2.2	314	19
27/08/24 01:20					14.6	69	2.1	322	23
27/08/24 01:25					14.7	69	1.9	326	33
27/08/24 01:30					14.6	69	1.1	345	44
27/08/24 01:35					14.5	69	1.6	337	40
27/08/24 01:40					14.6	69	1.2	347	40
27/08/24 01:45					14.5	69	1.2	327	38
27/08/24 01:50					14.4	68	2.3	0	30
27/08/24 01:55					14.5	68	1.9	354	34
27/08/24 02:00					14.5	69	2.1	358	22
27/08/24 02:05	1	11	11	1	14.4	69	2.3	2	27
27/08/24 02:10	0	11	11	1	14.4	69	1.7	353	31
27/08/24 02:15	1	10	11	1	14.4	69	2.2	3	25
27/08/24 02:20	1	10	11	1	14.4	69	2.2	359	22
27/08/24 02:25	0	10	10	1	14.3	69	2.2	1	19
27/08/24 02:30	0	10	10	1	14.3	69	2.1	358	20
27/08/24 02:35	0	10	10	1	14.3	69	2.5	0	21
27/08/24 02:40	0	10	10	1	14.4	69	1.9	7	26
27/08/24 02:45	0	10	10	1	14.2	69	2.4	7	18
27/08/24 02:50	0	10	10	1	14.3	69	2.6	4	22
27/08/24 02:55	0	9	10	1	14.2	68	2.3	4	29
27/08/24 03:00	0	9	10	1	14.3	69	2.7	3	17
27/08/24 03:05	0	10	10	1	14.2	69	3.0	10	18
27/08/24 03:10	0	10	10	1	14.2	68	2.8	1	20
27/08/24 03:15	0	10	10	1	14.2	68	2.9	1	27
27/08/24 03:20	0	10	10	1	14.3	67	2.8	7	20
27/08/24 03:25	0	9	9	1	14.4	66	2.8	8	23
27/08/24 03:30	0	8	8	1	14.4	66	2.5	7	23
27/08/24 03:35	0	7	8	1	14.3	66	2.7	15	19
27/08/24 03:40	0	7	7	1	14.2	67	1.9	13	26
27/08/24 03:45	0	6	6	1	14.2	67	2.5	5	26
27/08/24 03:50	0	6	6	1	14.1	67	2.1	2	24
27/08/24 03:55	0	6	6	1	14.0	68	2.0	354	24
27/08/24 04:00	0	6	6	1	13.9	69	2.6	8	23
27/08/24 04:05	0	6	6	1	13.9	69	2.4	10	23
27/08/24 04:10	0	5	6	1	13.9	70	2.6	10	19
27/08/24 04:15	0	5	5	1	13.9	70	2.6	9	23
27/08/24 04:20	0	5	5	1	13.8	70	2.9	5	20
27/08/24 04:25	0	5	5	1	13.9	71	2.7	18	22
27/08/24 04:30	0	5	5	1	13.9	71	2.3	16	28
27/08/24 04:35	0	5	5	1	13.9	72	2.6	23	23
27/08/24 04:40	0	5	5	1	13.9	72	4.3	24	16
27/08/24 04:45	0	4	5	1	14.0	71	3.7	19	19
27/08/24 04:50	0	4	5	1	14.1	71	3.1	19	19
27/08/24 04:55	0	4	4	1	14.0	71	2.9	7	21
27/08/24 05:00	0	4	4	1	14.2	71	3.9	25	17
27/08/24 05:05	0	5	5	1	14.1	71	3.6	22	24
27/08/24 05:10	0	5	5	1	14.2	71	4.0	17	23
27/08/24 05:15	0	5	5	1	14.2	71	3.4	15	17
27/08/24 05:20	0	5	5	1	14.2	71	4.1	16	18
27/08/24 05:25	3	9	12	1	14.2	71	3.6	19	17
27/08/24 05:30	2	5	7	1	14.2	71	3.9	13	19
27/08/24 05:35	1	6	7	1	14.1	72	3.7	17	18
27/08/24 05:40	1	6	7	1	14.1	72	3.3	14	15
27/08/24 05:45	1	6	7	1	14.2	72	2.4	5	23
27/08/24 05:50	1	7	7	1	14.0	72	2.7	7	28
27/08/24 05:55	1	7	7	1	14.0	72	2.9	359	25
27/08/24 06:00	0	7	8	1	14.1	73	3.2	357	21

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/08/24 06:05	1	8	9	1	14.0	73	2.3	351	33
27/08/24 06:10	1	10	10	1	14.0	73	2.5	354	33
27/08/24 06:15	1	12	13	1	14.0	73	2.5	360	24
27/08/24 06:20	1	13	14	1	14.0	73	2.7	360	28
27/08/24 06:25	1	13	14	1	14.0	73	2.1	329	34
27/08/24 06:30	1	16	17	1	14.0	73	2.6	334	33
27/08/24 06:35	2	17	18	1	14.1	73	2.4	348	36
27/08/24 06:40	2	17	18	1	14.1	73	1.4	315	44
27/08/24 06:45	2	18	20	1	14.1	72	2.1	341	34
27/08/24 06:50	2	19	21	1	14.2	72	1.9	335	41
27/08/24 06:55	3	20	23	1	14.2	71	2.1	348	28
27/08/24 07:00	3	20	23	1	14.3	71	2.3	340	34
27/08/24 07:05	3	19	22	1	14.5	70	3.0	330	27
27/08/24 07:10	3	19	22	1	14.6	69	2.7	338	30
27/08/24 07:15	3	18	21	1	14.8	68	2.8	340	30
27/08/24 07:20	3	18	21	1	14.8	67	2.6	1	31
27/08/24 07:25	3	17	20	1	14.9	66	2.9	344	30
27/08/24 07:30	3	17	20	1	15.1	66	3.3	2	24
27/08/24 07:35	3	17	19	1	15.1	67	4.2	5	22
27/08/24 07:40	3	16	19	1	15.0	68	3.6	8	24
27/08/24 07:45	2	15	18	1	15.0	69	3.6	1	27
27/08/24 07:50	2	14	16	1	14.9	70	2.8	13	26
27/08/24 07:55	2	12	14	1	14.8	71	3.7	14	19
27/08/24 08:00	2	12	14	1	14.7	72	2.8	11	24
27/08/24 08:05	2	11	13	1	14.8	72	4.1	2	18
27/08/24 08:10	2	11	13	1	14.8	72	3.7	8	18
27/08/24 08:15	2	11	13	1	14.9	71	4.5	8	21
27/08/24 08:20	2	11	13	1	15.0	71	3.6	7	23
27/08/24 08:25	2	11	13	1	15.1	71	4.6	6	16
27/08/24 08:30	2	11	13	1	15.1	71	3.8	5	19
27/08/24 08:35	2	11	13	1	15.2	70	3.7	7	20
27/08/24 08:40	2	11	13	1	15.4	69	3.7	5	27
27/08/24 08:45	3	12	14	1	15.5	68	3.6	344	29
27/08/24 08:50	3	12	15	1	15.7	67	3.1	2	35
27/08/24 08:55	3	11	15	1	15.7	67	2.8	349	37
27/08/24 09:00	3	11	15	1	15.8	66	3.5	352	31
27/08/24 09:05	4	11	15	1	15.8	66	3.0	358	34
27/08/24 09:10	4	11	15	1	15.9	66	3.6	351	28
27/08/24 09:15	3	11	14	1	15.9	65	3.8	347	29
27/08/24 09:20	3	11	14	1	15.9	65	3.9	348	32
27/08/24 09:25	3	11	14	1	16.0	65	3.5	347	32
27/08/24 09:30	3	11	14	1	16.0	65	3.1	343	39
27/08/24 09:35	4	11	15	1	16.2	65	4.3	356	30
27/08/24 09:40	4	11	15	1	16.3	65	3.1	358	32
27/08/24 09:45	4	11	15	1	16.4	65	4.1	1	24
27/08/24 09:50	4	10	14	1	16.4	65	4.5	7	23
27/08/24 09:55	3	10	13	1	16.3	66	4.4	23	19
27/08/24 10:00	3	9	13	1	16.2	66	4.9	26	13
27/08/24 10:05	3	9	13	1	16.2	67	5.5	23	14
27/08/24 10:10	3	9	13	1	16.1	67	4.8	28	15
27/08/24 10:15	4	10	13	1	16.2	66	3.6	23	17
27/08/24 10:20	4	10	14	1	16.5	65	4.2	20	25
27/08/24 10:25	4	10	14	1	17.0	62	4.6	10	26
27/08/24 10:30	5	9	14	1	17.3	60	4.4	360	18
27/08/24 10:35	4	9	14	1	17.3	59	3.3	357	34
27/08/24 10:40	4	9	13	1	17.3	59	4.0	359	25
27/08/24 10:45	4	9	13	1	17.5	57	4.3	4	24
27/08/24 10:50	4	8	12	1	17.7	57	3.3	352	29
27/08/24 10:55	4	8	12	1	17.8	56	3.1	341	38
27/08/24 11:00	4	8	12	1	17.7	56	3.4	335	34
27/08/24 11:05	3	8	12	1	17.7	56	3.7	339	36
27/08/24 11:10	3	8	11	1	17.7	55	4.8	333	29
27/08/24 11:15	3	7	10	1	17.6	56	3.4	334	39
27/08/24 11:20	3	7	10	1	17.8	55	3.8	350	37
27/08/24 11:25	3	7	10	1	18.0	54	4.3	341	26
27/08/24 11:30	3	7	10	1	18.1	54	3.8	12	34
27/08/24 11:35	3	7	10	1	18.2	53	4.1	358	28
27/08/24 11:40	3	7	9	1	18.2	53	4.7	3	26
27/08/24 11:45	3	7	9	1	18.2	53	4.2	7	28
27/08/24 11:50	3	7	9	1	18.3	53	3.7	6	24
27/08/24 11:55	3	7	9	1	18.3	53	3.9	16	21
27/08/24 12:00	3	7	10	1	18.3	54	3.8	20	27
27/08/24 12:05	3	7	10	1	18.4	54	3.8	15	22
27/08/24 12:10	3	7	9	1	18.6	54	4.4	9	22
27/08/24 12:15	3	7	9	1	18.6	52	4.0	347	29
27/08/24 12:20	3	7	9	1	18.9	52	2.6	340	39
27/08/24 12:25	3	7	10	1	19.1	52	3.3	333	39
27/08/24 12:30	3	7	9	1	19.0	52	3.2	332	35
27/08/24 12:35	2	7	9	1	18.9	52	3.9	330	30
27/08/24 12:40	2	7	9	1	19.0	52	3.7	328	37
27/08/24 12:45	2	6	8	1	19.0	51	4.2	325	28
27/08/24 12:50	2	6	7	1	19.0	51	5.4	335	25
27/08/24 12:55	2	6	7	1	19.1	52	3.5	346	37
27/08/24 13:00	2	6	8	1	19.0	52	4.5	332	30

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/08/24 13:05	2	6	8	1	19.1	53	3.8	321	28
27/08/24 13:10	2	6	8	1	19.1	53	3.4	324	32
27/08/24 13:15	1	6	7	1	19.1	54	4.0	320	36
27/08/24 13:20	2	6	7	1	19.1	54	3.5	325	28
27/08/24 13:25	2	6	8	1	19.3	53	3.4	338	33
27/08/24 13:30	2	7	8	1	19.3	53	3.2	334	38
27/08/24 13:35	2	7	9	1	19.2	53	3.8	324	31
27/08/24 13:40	2	7	9	1	19.3	53	4.5	345	29
27/08/24 13:45	2	7	9	1	19.3	53	4.6	341	29
27/08/24 13:50	2	7	9	1	19.4	53	4.2	336	33
27/08/24 13:55	2	7	9	1	19.3	53	3.5	341	29
27/08/24 14:00	2	7	9	1	19.2	53	4.2	344	35
27/08/24 14:05	2	7	9	1	19.3	54	4.4	337	32
27/08/24 14:10	2	7	9	1	19.3	54	4.1	356	36
27/08/24 14:15	2	7	9	1	19.3	54	4.5	346	34
27/08/24 14:20	2	7	9	1	19.2	54	4.9	355	28
27/08/24 14:25	2	7	9	1	19.3	54	3.1	348	46
27/08/24 14:30	2	7	9	1	19.3	54	4.0	343	32
27/08/24 14:35	2	7	9	1	19.5	53	4.1	345	37
27/08/24 14:40	2	6	8	1	19.6	53	5.0	349	30
27/08/24 14:45	2	6	8	1	19.8	53	4.3	340	31
27/08/24 14:50	2	7	9	1	19.9	53	4.0	332	34
27/08/24 14:55	2	7	9	1	20.0	52	3.8	350	30
27/08/24 15:00	2	6	9	2	20.2	51	5.9	337	29
27/08/24 15:05	2	6	8	1	20.1	51	4.0	332	31
27/08/24 15:10	2	6	8	1	20.1	51	3.1	324	43
27/08/24 15:15	2	6	8	1	20.0	51	5.2	330	25
27/08/24 15:20	2	6	8	1	20.0	51	4.7	334	33
27/08/24 15:25	2	6	8	1	20.0	51	5.5	333	26
27/08/24 15:30	2	5	7	1	20.0	51	4.9	333	30
27/08/24 15:35	1	5	7	1	20.1	51	4.4	327	31
27/08/24 15:40	1	5	6	1	20.2	51	5.1	331	28
27/08/24 15:45	1	5	6	1	20.2	51	6.4	319	23
27/08/24 15:50	1	5	6	1	20.2	50	4.9	327	26
27/08/24 15:55	1	5	6	1	20.3	50	5.9	330	25
27/08/24 16:00	1	5	6	1	20.2	50	5.2	323	29
27/08/24 16:05	1	5	6	1	20.4	50	5.1	324	31
27/08/24 16:10	1	5	6	1	20.4	50	4.4	328	27
27/08/24 16:15	1	6	6	1	20.4	50	4.9	339	25
27/08/24 16:20	1	6	7	1	20.4	50	4.2	328	29
27/08/24 16:25	1	6	7	1	20.4	51	4.2	323	31
27/08/24 16:30	1	6	7	1	20.4	51	4.1	334	32
27/08/24 16:35	1	6	7	1	20.3	51	3.7	338	35
27/08/24 16:40	1	6	7	1	20.3	51	4.9	334	29
27/08/24 16:45	1	7	7	1	20.3	51	4.0	332	33
27/08/24 16:50	1	7	7	1	20.3	51	3.7	335	29
27/08/24 16:55	1	7	8	1	20.4	51	3.8	332	32
27/08/24 17:00	1	7	8	1	20.4	51	3.2	344	35
27/08/24 17:05	1	8	9	1	20.3	51	2.4	337	44
27/08/24 17:10	1	8	9	1	20.3	51	3.2	344	43
27/08/24 17:15	1	8	9	1	20.3	51	3.9	344	34
27/08/24 17:20	1	8	9	1	20.2	51	3.1	329	32
27/08/24 17:25	1	8	9	1	20.3	51	3.6	340	34
27/08/24 17:30	1	8	9	1	20.5	49	3.8	338	35
27/08/24 17:35	1	8	9	1	20.5	49	4.5	337	31
27/08/24 17:40	1	8	9	1	20.6	48	4.5	336	29
27/08/24 17:45	1	8	8	1	20.6	48	3.0	332	39
27/08/24 17:50	1	8	8	1	20.5	48	3.2	323	34
27/08/24 17:55	1	8	9	1	20.5	49	4.0	358	27
27/08/24 18:00	1	8	9	1	20.4	50	3.6	345	35
27/08/24 18:05	1	8	9	1	20.3	50	3.7	330	30
27/08/24 18:10	1	8	9	1	20.4	51	2.9	328	33
27/08/24 18:15	0	9	9	1	20.1	51	3.2	337	30
27/08/24 18:20	0	9	9	1	20.1	51	2.8	350	32
27/08/24 18:25	0	9	9	1	20.1	51	3.9	343	30
27/08/24 18:30	1	9	10	1	20.1	50	3.9	349	32
27/08/24 18:35	1	9	9	1	20.2	50	3.0	353	39
27/08/24 18:40	1	9	9	1	20.1	49	4.2	356	29
27/08/24 18:45	1	9	9	1	20.1	49	3.7	330	34
27/08/24 18:50	1	8	9	1	20.1	49	3.4	342	34
27/08/24 18:55	1	8	9	1	20.1	49	3.7	342	33
27/08/24 19:00	0	8	8	1	20.1	50	3.4	343	30
27/08/24 19:05	0	8	8	1	20.0	50	3.0	335	38
27/08/24 19:10	1	8	8	1	20.0	51	3.5	0	31
27/08/24 19:15	1	8	8	1	19.8	51	4.2	2	29
27/08/24 19:20	0	7	8	1	19.7	52	4.2	2	27
27/08/24 19:25	0	7	7	1	19.6	52	4.8	9	20
27/08/24 19:30	0	7	7	1	19.5	53	4.7	10	25
27/08/24 19:35	0	7	7	1	19.4	54	4.6	359	28
27/08/24 19:40	1	7	7	1	19.4	54	3.2	3	38
27/08/24 19:45	0	7	7	1	19.2	55	3.7	358	26
27/08/24 19:50	0	7	7	1	19.3	55	3.5	3	26
27/08/24 19:55	0	7	7	1	19.2	55	3.6	2	31
27/08/24 20:00	0	7	8	1	19.2	55	3.9	349	28

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/08/24 20:05	0	8	8	1	19.3	55	3.7	1	22
27/08/24 20:10	0	8	8	1	19.3	55	3.7	359	25
27/08/24 20:15	0	8	9	1	19.2	54	3.7	5	27
27/08/24 20:20	0	8	9	1	19.2	54	3.8	1	20
27/08/24 20:25	0	9	9	1	19.2	54	4.2	5	22
27/08/24 20:30	0	9	9	1	19.2	54	4.6	6	23
27/08/24 20:35	0	8	8	1	19.2	54	5.6	8	17
27/08/24 20:40	0	8	8	1	19.2	54	4.3	4	26
27/08/24 20:45	0	7	8	1	19.1	54	3.7	2	29
27/08/24 20:50	0	7	8	1	19.2	53	4.3	3	29
27/08/24 20:55	0	7	8	1	19.1	53	5.5	356	22
27/08/24 21:00	0	7	8	1	19.1	53	4.9	6	25
27/08/24 21:05	0	7	7	1	19.1	53	5.7	4	22
27/08/24 21:10	0	7	7	1	19.2	52	4.0	8	25
27/08/24 21:15	0	6	7	1	19.1	52	4.7	355	22
27/08/24 21:20	0	7	7	1	19.1	52	4.2	354	26
27/08/24 21:25	0	7	7	0	19.1	52	5.1	7	19
27/08/24 21:30	0	7	7	1	19.1	52	4.0	357	33
27/08/24 21:35	0	7	7	0	19.1	51	5.2	8	24
27/08/24 21:40	0	7	7	0	19.1	51	5.9	3	26
27/08/24 21:45	0	6	7	0	19.1	51	5.3	360	31
27/08/24 21:50	1	6	7	0	19.0	51	4.5	360	26
27/08/24 21:55	1	6	7	1	19.0	51	5.5	355	20
27/08/24 22:00	0	6	7	1	19.0	51	4.5	349	29
27/08/24 22:05	0	6	6	1	18.9	51	4.3	347	31
27/08/24 22:10	1	6	7	1	18.9	51	4.5	348	27
27/08/24 22:15	1	6	7	1	18.9	51	4.5	346	31
27/08/24 22:20	1	6	7	1	18.9	51	5.0	354	30
27/08/24 22:25	0	6	7	1	18.9	50	4.6	342	29
27/08/24 22:30	0	6	7	1	18.8	50	4.2	355	31
27/08/24 22:35	1	6	7	1	18.8	50	3.8	355	36
27/08/24 22:40	1	6	6	1	18.8	50	3.9	359	43
27/08/24 22:45	0	6	6	1	18.8	49	4.9	358	25
27/08/24 22:50	0	6	6	1	18.8	49	5.0	359	29
27/08/24 22:55	0	5	6	1	18.7	50	5.6	8	24
27/08/24 23:00	0	5	6	1	18.7	50	5.7	5	23
27/08/24 23:05	0	5	5	1	18.6	50	5.6	6	20
27/08/24 23:10	0	5	5	1	18.6	49	5.1	3	27
27/08/24 23:15	0	5	5	1	18.7	48	5.8	10	23
27/08/24 23:20	0	5	5	1	18.8	48	6.3	2	18
27/08/24 23:25	0	4	5	1	18.7	47	5.6	2	23
27/08/24 23:30	0	4	4	1	18.7	47	5.5	13	24
27/08/24 23:35	0	4	4	1	18.7	46	6.2	15	21
27/08/24 23:40	0	4	4	1	18.6	46	4.0	21	24
27/08/24 23:45	0	3	3	1	18.5	47	5.1	19	23
27/08/24 23:50	0	3	3		18.4	47	5.2	15	21
27/08/24 23:55	0	3	3		18.4	47	4.4	14	22
28/08/24 00:00	0	3	3	1	18.4	47	4.5	15	20
28/08/24 00:05	0	3	4	2	18.3	47	4.5	8	23
28/08/24 00:10	0	3	4	1	18.3	46	5.1	12	19
28/08/24 00:15	0	3	4	1	18.4	45	3.8	9	23
28/08/24 00:20	0	3	4	1	18.5	44	3.9	359	25
28/08/24 00:25	0	4	4	1	18.6	43	2.4	339	38
28/08/24 00:30	0	4	4	0	18.8	41	2.4	334	35
28/08/24 00:35	0	4	5	1	19.0	39	3.2	344	32
28/08/24 00:40	0	5	5	1	19.4	38	2.3	330	32
28/08/24 00:45	0	5	6	1	19.4	37	2.6	328	39
28/08/24 00:50	0	6	6	1	19.7	36	3.9	321	27
28/08/24 00:55	0	6	7	1	19.7	36	3.3	329	33
28/08/24 01:00	0	6	6	1	19.7	36	3.9	333	28
28/08/24 01:05					19.7	36	3.8	318	24
28/08/24 01:10					19.8	36	3.4	321	26
28/08/24 01:15					19.9	35	3.5	321	27
28/08/24 01:20					20.0	35	4.2	311	20
28/08/24 01:25					20.3	34	4.5	309	21
28/08/24 01:30					20.8	33	7.1	306	17
28/08/24 01:35					21.1	32	8.2	306	13
28/08/24 01:40					21.0	32	6.1	303	15
28/08/24 01:45					20.8	32	7.5	307	16
28/08/24 01:50					20.9	33	6.3	307	17
28/08/24 01:55					20.7	34	6.1	300	15
28/08/24 02:00					20.6	34	5.7	299	19
28/08/24 02:05	0	5	5	1	20.5	34	5.1	299	15
28/08/24 02:10	0	4	5	0	20.5	35	5.6	295	13
28/08/24 02:15	1	4	5	0	20.6	35	6.3	291	13
28/08/24 02:20	0	4	4	0	20.6	35	6.3	294	14
28/08/24 02:25	0	4	4	0	20.6	37	9.2	272	21
28/08/24 02:30	0	3	3	0	16.7	68	11.4	239	6
28/08/24 02:35	0	3	3	0	15.1	79	10.6	246	8
28/08/24 02:40	0	3	3	0	15.0	80	9.2	247	8
28/08/24 02:45	0	3	3	0	14.8	81	8.7	249	6
28/08/24 02:50	0	4	5	0	14.8	81	8.7	241	6
28/08/24 02:55	0	4	4	0	14.8	81	8.0	246	9
28/08/24 03:00	0	4	4	1	14.9	81	7.8	253	8

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/08/24 03:05	0	5	5	0	15.0	81	8.7	258	8
28/08/24 03:10	0	8	8	0	14.9	82	8.7	259	8
28/08/24 03:15	0	7	7	0	15.0	82	9.1	266	11
28/08/24 03:20	0	4	4	0	15.0	81	8.7	266	9
28/08/24 03:25	0	3	3	0	15.0	80	9.7	268	6
28/08/24 03:30	0	3	3	0	15.1	79	8.4	271	7
28/08/24 03:35	0	3	3	1	15.2	78	8.4	272	6
28/08/24 03:40	0	3	3	1	15.3	77	7.0	271	9
28/08/24 03:45	0	3	3	1	15.3	77	6.7	272	10
28/08/24 03:50	0	3	3	0	15.2	77	5.5	276	10
28/08/24 03:55	0	3	3	0	15.1	77	4.3	282	13
28/08/24 04:00	0	3	3	0	15.1	77	3.9	289	16
28/08/24 04:05	0	5	5	1	15.3	76	4.9	290	15
28/08/24 04:10	0	16	16	1	15.3	76	4.1	288	11
28/08/24 04:15	0	16	17	1	15.3	77	3.5	295	11
28/08/24 04:20	0	11	11	1	15.2	77	3.1	294	14
28/08/24 04:25	0	6	6	1	15.4	73	5.0	288	16
28/08/24 04:30	0	5	5	0	15.6	69	5.1	284	16
28/08/24 04:35	0	5	5	1	15.7	67	5.4	290	12
28/08/24 04:40	0	5	5	1	15.7	68	3.9	289	14
28/08/24 04:45	0	5	5	1	15.6	68	4.6	294	14
28/08/24 04:50	0	5	5	1	15.7	66	5.0	295	15
28/08/24 04:55	0	4	5	1	15.8	63	5.3	293	15
28/08/24 05:00	0	4	4	0	15.8	59	6.2	292	13
28/08/24 05:05	0	4	4	1	16.0	57	6.1	288	12
28/08/24 05:10	0	4	4	1	15.9	56	5.7	291	13
28/08/24 05:15	0	4	4	0	16.0	56	6.0	291	14
28/08/24 05:20	0	4	4	0	16.1	55	6.3	289	14
28/08/24 05:25	0	4	4	0	16.0	55	6.3	286	12
28/08/24 05:30	0	4	4	1	15.9	55	7.2	288	15
28/08/24 05:35	0	5	5	1	15.9	55	7.5	287	12
28/08/24 05:40	0	6	6	1	15.7	55	6.6	286	16
28/08/24 05:45	0	7	7	1	15.7	55	6.7	287	14
28/08/24 05:50	0	7	7	0	15.6	56	5.7	285	14
28/08/24 05:55	0	6	7	1	15.5	55	6.0	285	15
28/08/24 06:00	0	6	6	1	15.5	55	6.3	291	14
28/08/24 06:05	0	6	7	1	15.4	55	6.5	288	12
28/08/24 06:10	0	6	7	1	15.5	55	6.9	283	16
28/08/24 06:15	0	7	8	0	15.5	55	7.2	291	12
28/08/24 06:20	0	9	9	0	15.4	55	5.7	291	13
28/08/24 06:25	0	9	10	0	15.3	56	5.6	284	14
28/08/24 06:30	0	10	11	0	15.3	56	6.1	286	13
28/08/24 06:35	0	10	11	0	15.2	56	6.4	286	14
28/08/24 06:40	0	11	11	1	15.3	55	7.3	287	15
28/08/24 06:45	0	11	12	1	15.3	55	7.6	287	13
28/08/24 06:50	1	12	13	1	15.2	56	8.2	279	13
28/08/24 06:55	1	13	13	1	15.2	56	7.4	282	13
28/08/24 07:00	1	12	13	1	15.1	57	8.9	289	14
28/08/24 07:05	1	13	13	1	14.9	58	7.2	281	13
28/08/24 07:10	1	13	13	1	14.9	58	5.9	290	16
28/08/24 07:15	1	13	14	1	14.8	59	5.3	286	14
28/08/24 07:20	1	13	14	1	14.7	59	3.9	291	18
28/08/24 07:25	1	12	13	1	14.8	57	5.4	297	14
28/08/24 07:30	1	12	13	0	14.8	56	4.2	290	14
28/08/24 07:35	1	12	13	0	14.8	55	5.3	289	17
28/08/24 07:40	1	12	14	1	14.8	52	7.1	289	15
28/08/24 07:45	2	13	15	1	14.8	53	5.3	284	16
28/08/24 07:50	2	15	18	1	14.7	53	5.7	284	15
28/08/24 07:55	2	19	21	1	14.7	53	5.3	287	14
28/08/24 08:00	3	19	21	1	14.7	52	6.5	284	13
28/08/24 08:05	3	18	21	1	14.6	52	5.4	284	13
28/08/24 08:10	3	17	20	1	14.7	50	5.3	284	14
28/08/24 08:15	3	16	19	1	14.8	49	5.6	286	13
28/08/24 08:20	3	15	18	1	14.8	50	4.4	282	12
28/08/24 08:25	4	16	20	1	15.0	49	4.9	284	14
28/08/24 08:30	4	16	20	1	15.2	48	5.4	284	15
28/08/24 08:35	4	15	19	1	15.2	49	7.2	280	15
28/08/24 08:40	4	13	17	1	15.3	48	8.1	277	10
28/08/24 08:45	4	9	13	1	15.2	49	6.8	276	10
28/08/24 08:50	4	9	12	1	15.3	49	6.5	290	13
28/08/24 08:55	4	10	13	1	15.4	49	6.7	278	12
28/08/24 09:00	4	12	16	1	15.5	48	7.0	285	13
28/08/24 09:05	4	12	16	1	15.6	49	7.0	278	14
28/08/24 09:10	4	12	16	1	15.7	49	5.4	287	16
28/08/24 09:15	4	11	16	1	15.9	48	8.3	276	13
28/08/24 09:20	4	10	14	1	15.8	48	7.5	282	14
28/08/24 09:25	4	8	12	1	15.8	49	10.5	266	7
28/08/24 09:30	3	7	10	1	15.6	50	10.3	269	10
28/08/24 09:35	3	5	8	1	15.5	51	9.2	278	13
28/08/24 09:40	2	5	7	0	15.5	51	10.1	281	11
28/08/24 09:45	2	5	7	1	15.4	52	11.5	275	14
28/08/24 09:50	2	5	7	1	14.8	56	13.9	264	6
28/08/24 09:55	2	5	7	1	14.9	57	10.7	265	8
28/08/24 10:00	2	5	6	1	14.8	58	7.8	274	11

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/08/24 10:05	2	5	7	1	15.0	55	8.7	277	12
28/08/24 10:10	2	6	8	1	15.3	54	8.2	285	12
28/08/24 10:15	2	6	9	1	15.3	54	6.7	277	10
28/08/24 10:20	3	7	10	1	15.4	52	8.2	280	13
28/08/24 10:25	3	8	11	1	15.5	49	8.0	280	14
28/08/24 10:30	3	9	12	1	15.7	48	8.3	286	12
28/08/24 10:35	3	8	11	1	15.7	49	8.6	275	12
28/08/24 10:40	3	4	7	1	15.8	47	9.5	276	10
28/08/24 10:45	3	3	5	1	15.8	46	8.4	278	8
28/08/24 10:50	2	3	6	1	15.9	46	8.1	278	13
28/08/24 10:55	3	5	8	1	16.2	43	9.0	278	12
28/08/24 11:00	2	5	7	1	16.1	43	9.9	271	5
28/08/24 11:05	2	5	8	1	16.3	41	8.4	276	10
28/08/24 11:10	2	5	7	1	16.3	41	11.1	277	10
28/08/24 11:15	2	4	6	0	16.2	41	12.2	269	11
28/08/24 11:20	2	3	5	1	16.1	41	10.9	271	11
28/08/24 11:25	1	3	5	1	16.3	40	13.6	256	9
28/08/24 11:30	1	4	5	1	16.2	40	13.5	263	5
28/08/24 11:35	2	4	6	1	16.3	39	11.1	264	9
28/08/24 11:40	2	4	6	1	16.5	39	10.8	274	10
28/08/24 11:45	1	4	5	1	16.5	39	11.2	274	10
28/08/24 11:50	1	4	5	0	16.6	39	11.1	273	11
28/08/24 11:55	1	4	5	0	16.5	40	13.8	269	10
28/08/24 12:00	1	4	5	0	16.6	39	14.2	265	8
28/08/24 12:05	1	4	5	0	16.6	40	13.8	269	9
28/08/24 12:10	1	3	4	0	16.6	40	14.1	268	7
28/08/24 12:15	1	3	4	0	16.7	40	12.7	269	6
28/08/24 12:20	1	3	4	0	16.7	41	13.1	265	9
28/08/24 12:25	1	3	4	0	16.6	41	12.3	266	9
28/08/24 12:30	1	3	4	0	16.5	41	17.3	267	5
28/08/24 12:35	1	3	4	0	16.4	42	14.5	268	6
28/08/24 12:40	1	3	3	1	16.7	40	12.0	276	10
28/08/24 12:45	1	3	3	0	16.8	40	13.3	272	9
28/08/24 12:50	1	3	3	0	16.8	40	16.2	271	6
28/08/24 12:55	1	2	3	0	16.7	41	15.0	267	6
28/08/24 13:00	1	2	3	0	16.8	42	11.9	272	11
28/08/24 13:05	1	3	3	0	16.7	41	10.9	275	9
28/08/24 13:10	1	3	4	0	16.5	45	14.1	263	6
28/08/24 13:15	1	3	4	1	15.8	49	13.7	265	10
28/08/24 13:20	1	3	4	0	15.8	49	9.0	274	8
28/08/24 13:25	1	4	4	0	16.1	48	7.0	279	12
28/08/24 13:30	1	4	6	0	16.5	45	8.9	276	13
28/08/24 13:35	1	4	6	1	16.4	44	9.7	269	8
28/08/24 13:40	1	4	5	1	16.6	43	11.3	260	7
28/08/24 13:45	1	4	5	1	16.7	42	10.6	268	10
28/08/24 13:50	1	4	5	0	17.2	38	10.5	278	11
28/08/24 13:55	1	4	5	0	17.4	37	10.7	283	11
28/08/24 14:00	1	3	4	0	17.4	37	9.6	281	12
28/08/24 14:05	1	4	5	1	17.7	36	9.7	283	13
28/08/24 14:10	1	4	5	0	17.7	36	10.0	278	12
28/08/24 14:15	1	4	5	0	17.7	37	11.7	272	7
28/08/24 14:20	1	4	5	0	17.6	38	11.8	279	13
28/08/24 14:25	1	4	5	0	17.7	38	11.9	272	13
28/08/24 14:30	1	4	5	0	17.5	38	10.9	274	9
28/08/24 14:35	1	4	5	1	17.8	37	9.0	278	13
28/08/24 14:40	2	4	5	1	17.8	37	10.7	283	13
28/08/24 14:45	2	4	6	1	17.7	38	10.1	279	13
28/08/24 14:50	2	5	6	1	17.8	38	13.2	276	13
28/08/24 14:55	1	4	6	0	17.5	40	12.4	273	7
28/08/24 15:00	1	4	6	0	17.7	39	12.5	275	10
28/08/24 15:05	1	4	5	1	17.8	39	11.1	280	10
28/08/24 15:10	1	4	5	1	17.8	39	11.1	279	13
28/08/24 15:15	1	4	5	1	17.9	38	11.9	274	7
28/08/24 15:20	1	3	4	1	18.0	38	11.3	273	9
28/08/24 15:25	1	3	4	1	17.7	39	14.3	270	8
28/08/24 15:30	1	4	4	0	17.7	40	10.9	274	10
28/08/24 15:35	1	4	4	0	17.9	38	12.3	271	11
28/08/24 15:40	1	3	4	0	17.7	40	12.4	271	10
28/08/24 15:45	1	3	4	0	17.3	43	15.9	259	13
28/08/24 15:50	1	4	5	1	16.6	48	17.2	260	6
28/08/24 15:55	1	5	6	1	15.9	54	14.4	247	9
28/08/24 16:00	1	5	6	1	14.5	64	14.5	243	6
28/08/24 16:05	1	4	5	1	14.3	65	11.3	250	8
28/08/24 16:10	1	14	16	1	14.7	65	8.3	261	10
28/08/24 16:15	2	13	15	1	15.0	61	9.0	261	11
28/08/24 16:20	2	6	7	1	15.4	58	10.3	265	7
28/08/24 16:25	1	4	6	1	15.5	57	11.1	248	15
28/08/24 16:30	1	1	2	1	13.3	74	17.7	240	8
28/08/24 16:35	1	1	2	1	12.1	78	15.4	256	7
28/08/24 16:40	1	2	3	1	12.2	76	14.7	250	7
28/08/24 16:45	1	6	7	1	12.2	76	12.7	256	8
28/08/24 16:50	1	8	9	1	12.2	76	12.6	255	8
28/08/24 16:55	1	9	10	1	12.1	77	11.8	259	10
28/08/24 17:00	1	7	9	0	12.2	76	11.7	262	6

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/08/24 17:05	1	5	6	0	12.3	73	13.4	263	6
28/08/24 17:10	1	5	6	1	12.5	72	12.6	264	6
28/08/24 17:15	1	4	4	1	12.6	72	10.7	267	7
28/08/24 17:20	1	3	4	0	12.5	71	7.8	272	9
28/08/24 17:25	0	3	4	0	12.7	70	8.0	274	10
28/08/24 17:30	0	4	4	1	12.7	68	7.7	277	11
28/08/24 17:35	0	4	4	1	12.8	67	7.2	278	13
28/08/24 17:40	0	4	5	1	12.9	66	5.8	284	12
28/08/24 17:45	0	5	6	0	12.8	65	5.6	287	12
28/08/24 17:50	0	6	7	1	12.9	63	6.1	281	11
28/08/24 17:55	0	6	7	1	13.0	62	6.1	285	12
28/08/24 18:00	0	7	7	0	13.0	63	6.0	281	13
28/08/24 18:05	0	7	7	0	13.1	63	7.6	273	10
28/08/24 18:10	0	7	7	0	13.0	63	6.4	277	11
28/08/24 18:15	0	7	7	0	12.9	64	5.5	284	14
28/08/24 18:20	0	7	7	0	13.0	64	5.4	280	15
28/08/24 18:25	0	7	7	0	12.9	64	5.4	282	12
28/08/24 18:30	0	7	7	0	12.9	64	4.4	286	16
28/08/24 18:35	0	8	8	1	12.9	64	4.5	283	13
28/08/24 18:40	0	9	9	1	12.9	64	4.5	291	14
28/08/24 18:45	0	11	11	1	12.8	64	4.9	286	12
28/08/24 18:50	0	12	12	1	12.8	64	4.4	287	16
28/08/24 18:55	1	17	18	1	12.7	64	3.9	292	12
28/08/24 19:00	1	17	18	1	12.7	65	3.9	289	14
28/08/24 19:05	1	18	18	1	12.7	64	4.5	294	11
28/08/24 19:10	1	18	19	1	12.7	63	4.7	286	13
28/08/24 19:15	1	19	20	1	12.8	63	4.9	289	13
28/08/24 19:20	1	19	21	1	12.8	63	3.9	292	13
28/08/24 19:25	1	18	19	2	12.7	63	4.0	291	13
28/08/24 19:30	1	17	18	2	12.7	62	4.2	291	14
28/08/24 19:35	1	17	18	2	12.7	63	3.7	290	15
28/08/24 19:40	1	17	19	1	12.7	63	3.8	292	13
28/08/24 19:45	1	17	18	1	12.5	62	4.2	290	12
28/08/24 19:50	1	17	18	1	12.7	62	4.0	290	13
28/08/24 19:55	1	16	16	1	12.6	62	3.8	288	14
28/08/24 20:00	1	12	12	1	12.6	60	4.5	292	15
28/08/24 20:05	0	10	11	1	12.6	61	4.4	289	13
28/08/24 20:10	1	12	13	1	12.6	61	4.0	291	13
28/08/24 20:15	1	14	14	1	12.6	60	4.2	290	14
28/08/24 20:20	0	14	15	1	12.7	60	4.2	290	13
28/08/24 20:25	1	16	17	1	12.7	60	4.2	290	12
28/08/24 20:30	0	15	16	1	12.6	59	3.3	292	17
28/08/24 20:35	0	12	12	1	12.6	60	3.2	292	14
28/08/24 20:40	0	10	10	1	12.5	60	3.0	287	15
28/08/24 20:45	0	10	10	1	12.5	60	3.2	290	13
28/08/24 20:50	0	10	10	1	12.5	60	3.5	293	11
28/08/24 20:55	0	10	10	1	12.4	61	3.5	290	12
28/08/24 21:00	0	10	10	1	12.4	62	2.9	293	15
28/08/24 21:05	0	9	9	1	12.4	62	3.6	295	12
28/08/24 21:10	0	10	10	1	12.4	62	3.3	293	15
28/08/24 21:15	0	11	11	1	12.5	61	4.0	301	14
28/08/24 21:20	0	11	12	1	12.4	62	3.2	295	13
28/08/24 21:25	0	11	11	1	12.5	62	3.5	308	12
28/08/24 21:30	0	11	11	1	12.5	62	3.3	305	13
28/08/24 21:35	0	12	12	1	12.4	62	3.0	303	16
28/08/24 21:40	0	12	12	1	12.4	62	3.1	294	15
28/08/24 21:45	0	11	12	1	12.5	62	2.6	297	15
28/08/24 21:50	0	11	11	1	12.3	63	2.4	296	16
28/08/24 21:55	0	11	11	1	12.3	64	3.1	303	16
28/08/24 22:00	0	11	11	1	12.4	64	2.4	293	15
28/08/24 22:05	0	11	11	1	12.3	65	2.7	301	18
28/08/24 22:10	0	11	11	1	12.3	64	3.2	301	12
28/08/24 22:15	0	10	10	1	12.2	65	2.5	300	19
28/08/24 22:20	0	10	10	1	12.2	65	2.6	303	15
28/08/24 22:25	0	9	10	1	12.2	65	3.3	313	17
28/08/24 22:30	0	9	9	1	12.2	64	3.8	298	14
28/08/24 22:35	0	9	9	1	12.3	65	3.8	295	13
28/08/24 22:40	0	9	10	1	12.3	64	4.0	289	14
28/08/24 22:45	0	10	11	1	12.4	64	3.7	290	15
28/08/24 22:50	0	11	11	1	12.3	64	2.5	301	16
28/08/24 22:55	0	10	10	1	12.2	64	2.8	300	20
28/08/24 23:00	0	9	9	1	12.2	64	3.3	303	14
28/08/24 23:05	0	8	8	1	12.2	64	2.9	307	14
28/08/24 23:10	0	8	8	1	12.3	64	3.1	312	12
28/08/24 23:15	0	9	9	1	12.3	64	3.3	309	10
28/08/24 23:20	0	9	9	1	12.2	65	3.3	305	16
28/08/24 23:25	0	8	8	1	12.3	65	3.5	300	13
28/08/24 23:30	0	8	8	1	12.2	65	2.8	293	13
28/08/24 23:35	0	8	8	1	12.2	66	2.9	296	13
28/08/24 23:40	0	7	7	0	12.2	65	2.8	291	13
28/08/24 23:45	0	7	7	0	12.2	65	2.8	305	15
28/08/24 23:50	0	7	7		12.2	66	2.8	296	14
28/08/24 23:55	0	7	7		12.2	66	2.7	294	16
29/08/24 00:00	0	7	7	0	12.2	66	2.2	299	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/08/24 00:05	0	7	7	2	12.2	66	2.7	304	14
29/08/24 00:10	0	7	7	1	12.1	65	2.9	308	14
29/08/24 00:15	0	8	8	1	12.2	65	2.5	305	15
29/08/24 00:20	0	8	8	2	12.2	65	3.3	310	11
29/08/24 00:25	0	7	7	2	12.3	65	2.9	308	12
29/08/24 00:30	0	7	7	2	12.3	65	3.0	308	15
29/08/24 00:35	0	7	7	2	12.3	64	3.5	310	11
29/08/24 00:40	0	7	7	2	12.2	64	2.9	309	15
29/08/24 00:45	0	8	8	2	12.3	64	2.6	303	15
29/08/24 00:50	0	9	9	2	12.3	65	2.8	302	15
29/08/24 00:55	0	9	9	2	12.2	65	3.1	305	12
29/08/24 01:00	0	9	9	2	12.2	64	3.3	310	11
29/08/24 01:05					12.2	65	3.2	306	14
29/08/24 01:10					12.2	65	3.8	309	13
29/08/24 01:15					12.3	64	3.8	306	10
29/08/24 01:20					12.3	64	3.5	310	12
29/08/24 01:25					12.3	64	3.2	305	14
29/08/24 01:30					12.4	64	3.6	311	12
29/08/24 01:35					12.4	64	3.4	304	15
29/08/24 01:40					12.4	64	3.6	308	13
29/08/24 01:45					12.4	64	3.4	304	15
29/08/24 01:50					12.4	63	3.5	308	11
29/08/24 01:55					12.4	63	3.1	307	14
29/08/24 02:00					12.4	63	3.8	308	12
29/08/24 02:05	0	7	8	2	12.4	63	3.0	307	16
29/08/24 02:10	0	7	7	2	12.4	63	3.6	304	11
29/08/24 02:15	0	6	7	2	12.5	63	3.6	304	13
29/08/24 02:20	0	6	7	2	12.4	63	3.0	308	17
29/08/24 02:25	0	6	6	2	12.4	64	3.1	300	13
29/08/24 02:30	0	6	6	2	12.4	63	3.0	300	14
29/08/24 02:35	0	6	6	2	12.4	63	3.6	307	13
29/08/24 02:40	0	6	6	2	12.4	64	3.0	308	15
29/08/24 02:45	0	6	6	2	12.4	64	2.7	303	14
29/08/24 02:50	0	6	6	2	12.4	64	3.3	299	13
29/08/24 02:55	0	6	6	2	12.5	64	3.1	295	13
29/08/24 03:00	0	6	6	2	12.4	64	2.9	303	15
29/08/24 03:05	0	5	5	2	12.5	64	2.6	303	16
29/08/24 03:10	0	6	6	2	12.5	64	2.7	305	14
29/08/24 03:15	0	6	6	2	12.5	64	2.5	303	17
29/08/24 03:20	0	6	6	2	12.5	65	2.3	301	12
29/08/24 03:25	0	6	6	2	12.5	65	2.5	295	13
29/08/24 03:30	0	6	6	2	12.5	64	3.0	301	15
29/08/24 03:35	0	5	5	2	12.6	65	2.7	294	16
29/08/24 03:40	0	5	5	2	12.6	65	3.7	298	11
29/08/24 03:45	0	5	5	2	12.5	65	3.2	296	14
29/08/24 03:50	0	5	5	2	12.6	65	2.9	293	14
29/08/24 03:55	0	5	5	2	12.6	64	3.7	295	14
29/08/24 04:00	0	5	5	2	12.6	64	3.2	297	15
29/08/24 04:05	0	5	5	2	12.5	64	3.0	305	12
29/08/24 04:10	0	5	5	2	12.5	64	2.7	305	13
29/08/24 04:15	0	5	5	2	12.4	63	3.1	308	14
29/08/24 04:20	0	5	5	2	12.6	63	2.8	314	11
29/08/24 04:25	0	6	6	2	12.5	63	2.4	309	18
29/08/24 04:30	0	6	6	2	12.4	63	2.4	311	20
29/08/24 04:35	0	6	7	2	12.4	63	2.0	321	25
29/08/24 04:40	0	8	8	2	12.4	63	2.2	309	14
29/08/24 04:45	0	10	10	2	12.4	63	1.8	326	20
29/08/24 04:50	0	13	14	2	12.3	64	1.8	323	26
29/08/24 04:55	0	15	15	2	12.2	63	1.9	334	22
29/08/24 05:00	0	15	15	2	12.2	64	1.5	329	27
29/08/24 05:05	0	16	16	2	12.1	64	1.5	330	28
29/08/24 05:10	1	17	17	2	12.2	64	1.4	321	21
29/08/24 05:15	1	19	19	2	12.1	64	1.7	326	26
29/08/24 05:20	1	19	20	2	12.2	64	1.6	321	26
29/08/24 05:25	1	19	19	2	12.2	64	2.0	314	18
29/08/24 05:30	1	18	19	2	12.3	63	1.8	307	16
29/08/24 05:35	1	17	18	2	12.3	63	2.6	309	14
29/08/24 05:40	1	18	19	2	12.3	63	2.3	315	20
29/08/24 05:45	1	18	19	2	12.4	62	2.3	310	14
29/08/24 05:50	1	19	20	2	12.4	62	2.5	316	22
29/08/24 05:55	1	19	20	3	12.4	63	2.7	309	13
29/08/24 06:00	1	20	21	3	12.4	62	2.1	316	21
29/08/24 06:05	1	20	21	2	12.4	63	2.0	307	18
29/08/24 06:10	1	21	22	2	12.3	62	1.7	317	25
29/08/24 06:15	1	22	23	2	12.3	63	1.7	312	21
29/08/24 06:20	2	23	24	2	12.3	63	1.5	321	26
29/08/24 06:25	2	23	24	2	12.2	63	1.9	314	24
29/08/24 06:30	2	23	24	2	12.3	64	2.3	309	13
29/08/24 06:35	1	22	23	2	12.2	65	2.0	308	14
29/08/24 06:40	1	22	24	2	12.2	65	2.2	310	13
29/08/24 06:45	2	23	25	2	12.2	65	1.7	306	13
29/08/24 06:50	2	24	27	2	12.3	65	2.4	313	16
29/08/24 06:55	3	25	28	2	12.4	66	1.9	310	17
29/08/24 07:00	3	26	30	2	12.4	66	2.0	310	19

Station Pier Ambient Air Quality Monitoring

August 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/08/24 07:05	4	26	29	2	12.4	67	2.6	321	26
29/08/24 07:10	4	26	29	2	12.5	67	1.5	322	27
29/08/24 07:15	5	31	36	2	12.4	67	1.5	345	31
29/08/24 07:20	6	31	37	2	12.3	67	2.3	350	34
29/08/24 07:25	6	26	32	2	12.1	68	1.9	351	33
29/08/24 07:30	6	26	32	2	12.0	69	2.1	344	33
29/08/24 07:35	6	22	28	2	12.0	69	1.9	337	33
29/08/24 07:40	6	26	32	3	12.0	69	2.6	355	26
29/08/24 07:45	7	27	34	2	12.0	69	1.7	345	37
29/08/24 07:50	7	27	34	2	12.1	68	2.0	337	29
29/08/24 07:55	8	27	35	2	12.1	68	1.5	335	38
29/08/24 08:00	9	28	37	2	12.2	68	1.6	335	34
29/08/24 08:05	11	31	43	2	12.3	67	1.8	346	29
29/08/24 08:10	18	29	48	2	12.4	67	1.7	349	37
29/08/24 08:15	23	27	50	2	12.5	67	1.3	338	27
29/08/24 08:20	22	27	48	2	12.5	66	1.8	342	28
29/08/24 08:25	20	27	47	3	12.6	66	1.8	343	32
29/08/24 08:30	14	25	39	3	12.6	66	2.5	340	23
29/08/24 08:35	10	22	32	3	12.8	66	2.0	312	18
29/08/24 08:40	9	22	31	3	12.8	66	2.7	336	22
29/08/24 08:45	9	21	30	3	12.9	65	2.3	343	34
29/08/24 08:50	9	19	28	3	12.9	65	2.7	318	24
29/08/24 08:55	9	16	25	3	13.1	64	1.8	340	38
29/08/24 09:00	8	16	24	3	13.3	63	2.1	320	22
29/08/24 09:05	9	18	27	3	13.4	64	2.5	318	24
29/08/24 09:10	8	12	20	3	13.3	64	2.4	323	23
29/08/24 09:15	7	13	20	3	13.3	64	2.0	345	33
29/08/24 09:20	8	19	27	3	13.4	65	2.4	317	30
29/08/24 09:25	8	17	25	3	13.4	64	2.1	318	31
29/08/24 09:30	8	15	22	3	13.5	64	2.2	323	25
29/08/24 09:35	7	15	22	3	13.6	64	2.3	308	20
29/08/24 09:40	7	15	22	3	13.7	64	1.7	324	29
29/08/24 09:45	7	16	23	3	13.7	65	2.2	357	32
29/08/24 09:50	8	16	23	3	13.7	65	1.6	325	36
29/08/24 09:55	8	15	23	3	13.8	64	2.5	315	24
29/08/24 10:00	7	15	23	3	14.0	63	2.3	318	31
29/08/24 10:05	7	15	22	3	14.1	62	2.7	314	27
29/08/24 10:10	7	14	21	3	14.1	62	3.6	313	22
29/08/24 10:15	6	13	19	3	14.2	61	3.9	308	16
29/08/24 10:20	5	12	17	2	14.3	61	3.8	312	19
29/08/24 10:25	5	10	15	2	14.4	61	3.2	301	17
29/08/24 10:30	5	11	16	3	14.5	60	2.9	310	24
29/08/24 10:35	5	10	15	3	14.5	60	3.2	300	16
29/08/24 10:40	4	10	14	3	14.6	60	3.7	307	20
29/08/24 10:45	4	9	13	3	14.6	58	4.7	305	15
29/08/24 10:50	4	9	12	2	14.8	58	4.4	306	17
29/08/24 10:55	3	8	11	2	14.8	57	4.5	305	16
29/08/24 11:00	3	7	10	2	14.8	58	3.4	305	17
29/08/24 11:05	3	8	11	2	14.9	59	2.6	335	35
29/08/24 11:10	3	8	11	2	15.0	59	3.0	303	22
29/08/24 11:15	3	7	10	3	15.0	58	3.5	313	24
29/08/24 11:20	2	7	10	3	14.9	58	3.7	320	26
29/08/24 11:25	2	7	9	2	15.1	57	3.5	315	23
29/08/24 11:30	2	7	9	3	15.1	57	4.4	307	17
29/08/24 11:35	2	7	9	3	15.1	57	4.6	305	20
29/08/24 11:40	3	7	10	3	15.2	57	3.2	306	21
29/08/24 11:45	3	8	11	3	15.3	57	3.6	316	28
29/08/24 11:50	3	8	10	3	15.4	57	3.2	348	32
29/08/24 11:55	3	7	10	3	15.3	58	3.5	321	22
29/08/24 12:00	3	7	10	3	15.3	58	3.1	314	25
29/08/24 12:05	3	7	10	3	15.2	58	4.1	312	24
29/08/24 12:10	2	7	9	3	15.2	59	3.0	330	31
29/08/24 12:15	3	7	10	2	15.3	58	2.9	333	28
29/08/24 12:20	3	7	10	2	15.5	58	2.2	330	36
29/08/24 12:25	3	7	10	2	15.6	58	3.5	336	33
29/08/24 12:30	3	7	9	2	15.6	58	3.6	331	27
29/08/24 12:35	2	6	9	3	15.6	58	3.2	330	28
29/08/24 12:40	2	6	9	2	15.7	58	3.4	331	31
29/08/24 12:45	2	6	8	3	15.8	58	3.8	340	25
29/08/24 12:50	2	6	8	3	15.9	58	3.3	340	32
29/08/24 12:55	2	6	8	2	16.0	58	4.4	325	23
29/08/24 13:00	2	6	8	2	16.2	57	3.7	319	28
29/08/24 13:05	2	6	8	2	16.1	57	4.8	317	19
29/08/24 13:10	2	6	8	2	16.0	58	3.2	320	27
29/08/24 13:15	2	6	8	2	16.1	57	4.6	308	23
29/08/24 13:20	2	6	8	2	16.0	56	4.6	305	20
29/08/24 13:25	2	7	9	2	16.1	56	3.6	309	20
29/08/24 13:30	2	8	10	2	16.1	57	3.6	309	15
29/08/24 13:35	2	8	10	2	16.1	57	3.4	330	27
29/08/24 13:40	2	8	10	2	16.0	58	3.3	319	25
29/08/24 13:45	2	8	10	2	16.0	59	3.4	310	23
29/08/24 13:50	2	9	11	2	16.1	59	3.2	311	23
29/08/24 13:55	3	9	12	2	16.1	60	2.9	352	29
29/08/24 14:00	3	9	12	2	16.0	60	3.0	345	36

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/08/24 14:05	3	9	12	2	16.0	61	2.0	326	32
29/08/24 14:10	3	9	12	2	16.1	60	2.3	335	34
29/08/24 14:15	3	9	12	2	16.1	60	2.2	319	26
29/08/24 14:20	3	10	13	2	16.2	60	2.5	311	27
29/08/24 14:25	3	10	13	2	16.2	59	2.2	322	33
29/08/24 14:30	3	10	14	2	16.3	59	2.7	323	33
29/08/24 14:35	3	10	14	2	16.3	58	2.9	326	25
29/08/24 14:40	3	10	13	2	16.3	58	2.6	326	26
29/08/24 14:45	3	10	13	2	16.4	58	2.7	321	25
29/08/24 14:50	3	10	12	2	16.5	57	3.4	327	28
29/08/24 14:55	2	9	11	2	16.4	57	2.9	316	18
29/08/24 15:00	2	8	10	2	16.5	57	4.0	317	22
29/08/24 15:05	2	8	10	2	16.6	57	2.8	331	28
29/08/24 15:10	2	8	10	2	16.7	56	2.9	327	27
29/08/24 15:15	2	8	10	2	17.2	55	2.8	344	32
29/08/24 15:20	2	7	10	2	17.3	55	3.5	334	25
29/08/24 15:25	2	7	9	2	17.2	54	3.3	335	28
29/08/24 15:30	2	6	8	2	17.3	54	2.5	330	35
29/08/24 15:35	2	7	8	2	17.3	54	2.8	342	40
29/08/24 15:40	2	7	8	2	17.3	54	3.1	360	29
29/08/24 15:45	2	7	9	2	17.3	54	2.2	340	33
29/08/24 15:50	2	7	10	2	17.3	53	3.1	321	34
29/08/24 15:55	2	8	10	2	17.6	52	2.5	314	30
29/08/24 16:00	3	8	11	2	18.0	50	3.9	308	20
29/08/24 16:05	3	8	11	2	18.3	48	5.2	307	13
29/08/24 16:10	3	8	11	2	18.2	48	2.8	318	25
29/08/24 16:15	3	8	11	2	18.1	49	3.7	339	32
29/08/24 16:20	2	8	10	2	18.0	49	2.9	331	33
29/08/24 16:25	2	8	10	2	18.0	50	3.2	334	33
29/08/24 16:30	2	7	10	2	17.9	50	3.3	315	30
29/08/24 16:35	2	7	9	2	17.9	50	3.7	316	22
29/08/24 16:40	2	7	9	2	17.8	49	3.2	337	31
29/08/24 16:45	2	7	9	3	17.9	48	3.5	333	35
29/08/24 16:50	2	7	9	2	17.8	48	2.9	334	32
29/08/24 16:55	2	7	9	2	17.9	48	3.3	343	32
29/08/24 17:00	2	8	10	2	17.9	48	3.6	333	28
29/08/24 17:05	2	8	9	2	17.9	48	3.3	336	37
29/08/24 17:10	1	8	9	2	17.8	48	4.1	330	25
29/08/24 17:15	1	8	9	2	17.6	49	4.1	322	25
29/08/24 17:20	1	7	8	2	17.6	49	3.5	325	26
29/08/24 17:25	1	7	8	2	17.6	48	3.2	328	31
29/08/24 17:30	1	7	8	2	17.5	49	2.6	324	41
29/08/24 17:35	1	7	8	2	17.4	49	4.0	317	23
29/08/24 17:40	1	7	8	2	17.5	49	3.7	327	27
29/08/24 17:45	1	7	8	2	17.4	49	2.7	319	31
29/08/24 17:50	1	8	9	3	17.3	49	3.1	329	29
29/08/24 17:55	1	8	9	2	17.2	49	3.5	330	30
29/08/24 18:00	1	9	9	2	17.1	49	2.8	343	28
29/08/24 18:05	1	9	10	2	17.1	50	2.9	340	30
29/08/24 18:10	1	10	11	2	17.0	51	3.0	359	31
29/08/24 18:15	1	11	11	2	17.0	52	3.3	2	36
29/08/24 18:20	1	11	11	2	16.8	53	2.8	1	31
29/08/24 18:25	1	11	12	2	16.7	54	2.9	335	30
29/08/24 18:30	1	11	12	2	16.8	54	2.9	347	32
29/08/24 18:35	1	12	12	2	16.8	54	4.1	355	25
29/08/24 18:40	1	11	12	2	16.7	54	3.4	5	30
29/08/24 18:45	1	11	12	2	16.6	55	3.2	13	25
29/08/24 18:50	1	10	11	2	16.6	55	3.7	10	19
29/08/24 18:55	0	10	10	2	16.5	55	3.2	360	27
29/08/24 19:00	0	10	10	2	16.4	55	4.3	8	22
29/08/24 19:05	0	10	10	2	16.4	56	3.6	354	29
29/08/24 19:10	0	9	10	2	16.4	55	4.3	2	20
29/08/24 19:15	0	9	9	2	16.4	55	4.3	6	26
29/08/24 19:20	0	9	9	2	16.5	54	4.8	9	20
29/08/24 19:25	0	9	9	2	16.5	53	3.9	4	24
29/08/24 19:30	0	9	9	2	16.5	53	4.0	358	23
29/08/24 19:35	0	9	9	2	16.5	52	4.4	9	20
29/08/24 19:40	0	8	8	2	16.5	52	4.1	5	20
29/08/24 19:45	0	8	8	2	16.5	51	4.6	6	22
29/08/24 19:50	0	8	8	2	16.5	51	5.2	10	20
29/08/24 19:55	0	8	8	2	16.6	51	4.7	4	26
29/08/24 20:00	0	7	7	2	16.6	51	5.0	11	23
29/08/24 20:05	0	7	7	2	16.6	52	5.5	8	26
29/08/24 20:10	0	7	7	2	16.6	52	5.2	8	20
29/08/24 20:15	0	7	7	2	16.5	52	4.9	12	22
29/08/24 20:20	0	6	7	2	16.5	52	5.2	1	19
29/08/24 20:25	0	7	7	2	16.4	53	6.2	10	18
29/08/24 20:30	1	6	7	2	16.5	52	5.7	8	24
29/08/24 20:35	1	6	7	2	16.4	52	5.1	8	21
29/08/24 20:40	0	6	6	2	16.4	52	3.9	5	26
29/08/24 20:45	0	6	7	2	16.3	52	4.9	0	25
29/08/24 20:50	0	6	7	2	16.4	52	5.0	9	25
29/08/24 20:55	0	6	7	2	16.4	51	5.1	10	27
29/08/24 21:00	0	6	6	2	16.5	51	5.8	11	20

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/08/24 21:05	0	6	6	2	16.6	51	5.3	7	21
29/08/24 21:10	0	6	6	2	16.7	50	5.4	7	20
29/08/24 21:15	0	6	6	2	16.7	50	5.1	4	21
29/08/24 21:20	0	6	6	2	16.9	50	5.7	6	29
29/08/24 21:25	0	6	6	2	16.9	49	5.7	9	20
29/08/24 21:30	0	6	6	2	17.0	49	6.0	5	26
29/08/24 21:35	0	6	6	2	17.0	49	7.2	10	17
29/08/24 21:40	0	5	6	2	17.1	48	5.6	5	26
29/08/24 21:45	0	5	5	2	17.0	48	5.1	11	21
29/08/24 21:50	0	5	5	2	17.1	48	7.4	10	25
29/08/24 21:55	0	5	5	2	17.2	47	7.0	12	20
29/08/24 22:00	0	4	5	2	17.3	47	5.8	10	21
29/08/24 22:05	0	4	5	2	17.2	47	6.0	8	21
29/08/24 22:10	0	4	5	2	17.2	46	6.0	7	19
29/08/24 22:15	0	4	5	2	17.2	46	6.5	10	19
29/08/24 22:20	0	4	5	2	17.4	45	6.3	11	21
29/08/24 22:25	0	4	5	2	17.4	45	6.9	8	23
29/08/24 22:30	0	4	4	2	17.4	45	7.0	8	21
29/08/24 22:35	0	4	5	2	17.4	45	5.7	4	25
29/08/24 22:40	0	5	5	2	17.3	46	5.3	4	31
29/08/24 22:45	0	5	5	2	17.3	46	4.7	7	30
29/08/24 22:50	0	4	5	2	17.3	46	4.9	357	25
29/08/24 22:55	0	5	5	2	17.3	46	5.3	358	24
29/08/24 23:00	0	5	5	2	17.3	46	5.8	355	28
29/08/24 23:05	0	5	5	2	17.4	46	5.1	3	30
29/08/24 23:10	0	5	5	2	17.4	46	5.2	356	33
29/08/24 23:15	0	5	5	2	17.3	46	4.7	348	29
29/08/24 23:20	0	5	5	2	17.2	47	3.3	343	39
29/08/24 23:25	0	5	5	2	17.2	47	3.6	347	40
29/08/24 23:30	0	5	6	3	17.2	46	5.9	339	31
29/08/24 23:35	0	5	5	3	17.2	46	4.8	347	31
29/08/24 23:40	0	5	5	3	17.3	46	6.9	3	30
29/08/24 23:45	0	4	4	3	17.3	46	6.5	1	24
29/08/24 23:50	0	4	4		17.3	46	7.4	6	20
29/08/24 23:55	0	3	3		17.2	47	6.6	358	28
30/08/24 00:00	0	3	3	3	17.2	47	6.6	5	20
30/08/24 00:05	0	3	3	3	17.2	47	6.1	2	28
30/08/24 00:10	0	3	3	2	17.2	47	7.7	8	18
30/08/24 00:15	0	3	3	2	17.2	47	7.1	11	19
30/08/24 00:20	0	3	3	1	17.1	48	6.8	5	24
30/08/24 00:25	0	3	3	1	17.0	48	8.0	2	24
30/08/24 00:30	0	3	3	2	17.0	48	5.5	353	28
30/08/24 00:35	0	3	3	1	16.9	49	4.8	356	30
30/08/24 00:40	0	3	3	1	16.9	50	4.0	358	37
30/08/24 00:45	0	3	3	1	16.7	50	6.7	8	21
30/08/24 00:50	0	3	3	1	16.7	50	6.0	2	25
30/08/24 00:55	0	4	4	2	16.6	51	6.0	356	28
30/08/24 01:00	0	4	4	1	16.7	50	5.8	1	27
30/08/24 01:05					16.6	50	5.2	3	33
30/08/24 01:10					16.8	50	5.2	356	34
30/08/24 01:15					16.8	50	6.7	3	25
30/08/24 01:20					16.8	50	5.8	357	31
30/08/24 01:25					16.8	50	8.0	4	24
30/08/24 01:30					16.9	50	6.4	9	22
30/08/24 01:35					16.8	50	6.7	1	21
30/08/24 01:40					16.8	51	5.3	4	34
30/08/24 01:45					16.9	51	4.4	359	25
30/08/24 01:50					16.8	51	4.8	357	36
30/08/24 01:55					16.8	51	5.2	354	28
30/08/24 02:00					16.7	52	4.6	354	36
30/08/24 02:05	0	4	4	1	16.7	52	4.0	350	27
30/08/24 02:10	0	4	5	1	16.7	51	4.1	341	31
30/08/24 02:15	0	5	5	2	16.7	51	4.2	334	26
30/08/24 02:20	0	5	5	2	16.8	50	4.4	344	37
30/08/24 02:25	0	5	5	2	17.0	50	5.4	330	30
30/08/24 02:30	0	5	5	2	16.9	51	5.9	338	26
30/08/24 02:35	0	5	5	2	16.7	53	5.2	339	27
30/08/24 02:40	1	5	5	2	16.7	53	3.9	340	35
30/08/24 02:45	1	5	5	2	16.6	53	4.1	348	32
30/08/24 02:50	1	5	6	2	16.6	53	4.2	346	39
30/08/24 02:55	1	5	5	2	16.6	53	5.5	337	28
30/08/24 03:00	0	5	5	2	16.5	53	5.8	342	32
30/08/24 03:05	0	4	5	2	16.5	53	4.2	345	29
30/08/24 03:10	0	4	5	2	16.7	53	4.4	331	31
30/08/24 03:15	0	4	5	2	16.7	53	4.4	339	38
30/08/24 03:20	0	4	5	2	16.7	53	4.3	338	37
30/08/24 03:25	0	5	5	2	16.6	53	4.9	329	33
30/08/24 03:30	0	5	5	2	16.6	54	4.9	335	30
30/08/24 03:35	1	5	5	2	16.7	53	5.7	347	30
30/08/24 03:40	1	5	6	2	16.5	53	3.7	334	38
30/08/24 03:45	1	5	6	2	16.4	54	3.6	333	29
30/08/24 03:50	1	5	6	2	16.4	54	4.0	330	37
30/08/24 03:55	1	5	5	2	16.6	54	5.3	322	22
30/08/24 04:00	1	4	5	1	16.6	54	3.7	343	32

Station Pier Ambient Air Quality Monitoring

August 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/08/24 04:05	0	4	4	1	16.6	55	4.3	344	33
30/08/24 04:10	1	4	5	1	16.5	56	4.7	340	27
30/08/24 04:15	1	5	5	2	16.3	56	3.7	343	32
30/08/24 04:20	1	5	6	2	16.3	57	3.9	336	35
30/08/24 04:25	1	6	6	2	16.2	57	4.4	325	25
30/08/24 04:30	1	6	6	2	16.1	58	4.4	324	25
30/08/24 04:35	1	5	6	2	16.1	58	4.6	323	24
30/08/24 04:40	1	5	6	2	16.2	59	3.7	324	30
30/08/24 04:45	1	5	5	1	16.0	59	3.3	316	22
30/08/24 04:50	0	5	5	1	15.8	60	3.0	322	32
30/08/24 04:55	0	5	5	1	15.6	61	3.0	320	28
30/08/24 05:00	0	5	6	1	15.6	62	3.8	313	25
30/08/24 05:05	0	5	6	1	15.5	62	3.2	317	22
30/08/24 05:10	0	5	5	1	15.5	62	3.2	331	30
30/08/24 05:15	0	5	5	1	15.6	63	3.6	322	23
30/08/24 05:20	0	5	5	1	15.6	63	2.4	320	35
30/08/24 05:25	0	5	6	2	15.6	64	4.0	295	24
30/08/24 05:30	1	6	7	2	15.3	71	7.2	247	18
30/08/24 05:35	1	8	9	2	14.7	79	6.4	277	12
30/08/24 05:40	1	5	6	2	14.6	76	9.8	270	8
30/08/24 05:45	1	5	5	2	14.8	71	8.4	279	13
30/08/24 05:50	1	5	5	2	14.7	70	6.5	285	14
30/08/24 05:55	1	6	7	2	15.1	66	5.5	285	12
30/08/24 06:00	0	8	9	1	15.3	64	6.9	280	12
30/08/24 06:05	0	9	9	1	15.7	61	6.7	286	14
30/08/24 06:10	0	8	8	2	16.0	60	6.4	282	11
30/08/24 06:15	0	8	9	2	15.9	61	7.8	276	12
30/08/24 06:20	0	8	9	2	15.9	60	7.7	278	10
30/08/24 06:25	0	8	8	2	15.8	60	7.2	278	11
30/08/24 06:30	0	8	8	2	15.6	61	6.5	276	11
30/08/24 06:35	0	9	9	1	15.5	61	5.9	279	12
30/08/24 06:40	0	9	9	1	15.4	62	7.7	274	10
30/08/24 06:45	0	9	10	1	15.4	63	7.2	273	9
30/08/24 06:50	0	10	10	1	15.3	64	7.7	273	7
30/08/24 06:55	0	10	11	2	15.1	65	5.4	277	10
30/08/24 07:00	1	11	11	2	15.0	65	5.9	277	7
30/08/24 07:05	1	11	12	2	15.0	66	4.7	278	11
30/08/24 07:10	1	12	13	2	14.8	67	4.8	279	12
30/08/24 07:15	1	13	14	2	14.7	68	4.2	280	9
30/08/24 07:20	1	15	16	1	14.6	69	3.6	284	13
30/08/24 07:25	2	16	18	1	14.6	69	3.2	288	14
30/08/24 07:30	5	25	30	1	14.5	69	3.4	291	15
30/08/24 07:35	23	30	53	1	14.8	69	3.4	289	15
30/08/24 07:40	16	25	42	1	15.0	68	4.3	289	14
30/08/24 07:45	18	26	44	1	15.1	66	4.8	286	14
30/08/24 07:50	17	27	44	1	15.3	64	5.4	289	16
30/08/24 07:55	15	27	41	1	15.4	63	4.6	285	16
30/08/24 08:00	14	25	38	1	15.5	62	4.8	289	12
30/08/24 08:05	12	21	33	1	15.6	61	5.6	288	14
30/08/24 08:10	10	19	29	1	15.6	61	5.2	287	15
30/08/24 08:15	10	19	30	1	15.6	61	4.6	289	15
30/08/24 08:20	10	19	29	1	15.6	61	4.6	277	12
30/08/24 08:25	9	18	28	1	15.6	61	4.4	277	10
30/08/24 08:30	9	17	26	1	15.6	61	3.4	275	15
30/08/24 08:35	10	23	33	1	15.6	60	2.7	299	19
30/08/24 08:40	10	17	26	1	15.8	59	3.6	294	18
30/08/24 08:45	8	8	17	1	15.9	59	3.0	293	19
30/08/24 08:50	7	8	15	1	16.0	57	4.3	297	17
30/08/24 08:55	6	9	15	1	16.1	56	4.6	293	20
30/08/24 09:00	5	10	15	1	16.2	56	3.7	289	13
30/08/24 09:05	5	10	15	1	16.2	55	2.7	288	19
30/08/24 09:10	5	10	15	1	16.2	55	3.3	281	18
30/08/24 09:15	5	10	16	1	16.4	54	2.5	295	17
30/08/24 09:20	5	10	15	1	16.5	54	3.0	275	17
30/08/24 09:25	5	10	15	1	16.5	53	4.7	283	15
30/08/24 09:30	4	9	14	1	16.6	53	4.5	290	16
30/08/24 09:35	4	9	13	1	16.7	52	5.2	278	13
30/08/24 09:40	4	9	13	1	16.7	51	5.6	289	14
30/08/24 09:45	4	8	12	1	16.7	49	6.3	284	14
30/08/24 09:50	3	8	11	1	16.6	51	7.8	277	10
30/08/24 09:55	3	8	10	1	16.5	52	8.8	271	8
30/08/24 10:00	3	7	10	1	16.5	52	9.5	274	12
30/08/24 10:05	3	7	9	1	16.6	51	8.6	277	8
30/08/24 10:10	3	6	9	1	16.7	50	8.0	278	14
30/08/24 10:15	3	6	8	1	16.7	50	9.1	274	9
30/08/24 10:20	2	5	8	1	16.6	48	9.4	275	9
30/08/24 10:25	2	5	7	1	16.6	49	8.4	275	11
30/08/24 10:30	2	5	7	1	16.9	47	7.3	289	12
30/08/24 10:35	2	6	8	1	17.0	47	7.4	286	12
30/08/24 10:40	3	6	9	1	17.0	47	6.7	281	11
30/08/24 10:45	3	6	9	1	16.9	47	6.7	281	14
30/08/24 10:50	3	8	11	1	17.1	45	6.8	287	13
30/08/24 10:55	3	7	10	1	17.1	46	7.1	276	12
30/08/24 11:00	3	4	7	1	17.1	46	5.9	275	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/08/24 11:05	3	6	9	1	17.3	45	6.7	289	12
30/08/24 11:10	3	7	10	1	17.4	42	8.0	280	11
30/08/24 11:15	3	6	9	1	17.5	41	8.2	283	12
30/08/24 11:20	3	7	10	1	17.4	42	9.7	274	9
30/08/24 11:25	3	4	6	1	17.4	42	9.6	273	10
30/08/24 11:30	2	3	5	1	17.4	42	8.6	278	12
30/08/24 11:35	2	4	6	1	17.3	42	9.2	275	7
30/08/24 11:40	2	4	5	1	17.4	43	8.6	275	8
30/08/24 11:45	2	4	5	1	17.6	41	8.9	272	10
30/08/24 11:50	2	4	6	1	17.7	40	8.9	271	8
30/08/24 11:55	2	4	6	1	18.0	38	7.7	284	11
30/08/24 12:00	2	5	7	1	18.0	37	8.4	285	11
30/08/24 12:05	2	4	6	1	17.9	39	9.5	273	13
30/08/24 12:10	2	4	6	1	17.8	38	11.3	271	8
30/08/24 12:15	2	4	6	1	18.0	34	9.6	280	10
30/08/24 12:20	2	4	6	1	18.2	34	7.7	281	13
30/08/24 12:25	2	5	7	1	18.3	35	9.0	274	9
30/08/24 12:30	2	6	8	1	18.3	34	7.8	283	12
30/08/24 12:35	3	6	9	1	18.3	32	9.3	277	12
30/08/24 12:40	2	4	6	1	18.1	33	9.3	273	10
30/08/24 12:45	2	3	5	1	18.1	32	12.1	271	7
30/08/24 12:50	2	3	5	1	18.2	31	8.6	280	13
30/08/24 12:55	1	3	5	1	18.4	30	10.4	271	12
30/08/24 13:00	1	4	5	1	18.4	31	10.1	276	10
30/08/24 13:05	1	4	5	1	18.3	31	10.5	267	9
30/08/24 13:10	1	4	5	1	18.5	30	8.3	276	12
30/08/24 13:15	1	4	5	1	18.8	29	7.2	285	11
30/08/24 13:20	1	4	6	1	18.7	29	8.8	272	6
30/08/24 13:25	1	4	6	1	18.4	32	11.6	265	5
30/08/24 13:30	1	4	6	1	18.4	32	8.0	279	12
30/08/24 13:35	1	4	5	1	18.6	32	10.2	268	8
30/08/24 13:40	2	4	5	1	18.5	34	6.6	274	10
30/08/24 13:45	2	4	6	1	18.8	33	7.9	277	13
30/08/24 13:50	2	4	6	1	18.8	33	8.6	281	11
30/08/24 13:55	2	5	7	1	18.7	35	10.4	273	8
30/08/24 14:00	2	4	6	1	18.3	37	8.3	278	12
30/08/24 14:05	1	4	5	1	18.5	38	7.8	269	12
30/08/24 14:10	1	4	5	1	18.4	39	10.9	259	5
30/08/24 14:15	1	4	5	1	18.4	38	9.5	262	5
30/08/24 14:20	1	4	5	1	18.4	38	9.2	264	7
30/08/24 14:25	1	4	6	1	18.5	38	9.4	265	6
30/08/24 14:30	1	4	6	1	18.4	38	8.8	256	5
30/08/24 14:35	1	4	6	1	18.4	38	6.8	268	11
30/08/24 14:40	1	5	6	1	18.7	37	5.8	276	10
30/08/24 14:45	1	6	7	1	19.0	36	3.5	295	20
30/08/24 14:50	1	6	7	1	19.3	34	4.4	306	13
30/08/24 14:55	1	6	7	1	19.4	33	4.7	305	16
30/08/24 15:00	1	6	7	1	19.3	33	5.0	307	13
30/08/24 15:05	1	5	7	1	19.4	34	4.8	300	16
30/08/24 15:10	1	5	6	1	19.3	35	5.5	288	15
30/08/24 15:15	1	5	6	1	19.2	35	5.5	296	16
30/08/24 15:20	1	6	7	1	19.2	37	5.7	288	13
30/08/24 15:25	1	6	7	1	19.1	39	5.3	283	13
30/08/24 15:30	1	7	9	1	18.6	44	6.7	289	13
30/08/24 15:35	1	7	8	1	18.4	44	4.2	287	17
30/08/24 15:40	1	7	8	1	18.5	44	4.1	285	15
30/08/24 15:45	1	7	9	1	18.7	43	4.6	299	15
30/08/24 15:50	1	7	8	1	18.7	43	6.1	286	14
30/08/24 15:55	1	6	7	1	18.5	45	6.0	289	16
30/08/24 16:00	1	6	7	1	18.7	46	4.1	294	18
30/08/24 16:05	1	6	7	1	18.9	45	3.9	309	16
30/08/24 16:10	2	6	7	1	19.0	45	3.8	310	21
30/08/24 16:15	2	6	8	1	18.7	46	5.0	314	19
30/08/24 16:20	2	6	8	1	18.4	47	4.3	312	23
30/08/24 16:25	2	7	8	1	18.1	48	3.2	336	28
30/08/24 16:30	1	8	9	1	17.9	52	2.6	324	28
30/08/24 16:35	2	11	13	1	17.7	53	2.0	341	34
30/08/24 16:40	2	15	17	1	17.6	53	3.0	333	30
30/08/24 16:45	2	16	18	1	17.6	52	2.8	322	28
30/08/24 16:50	2	17	18	1	17.6	51	3.3	302	16
30/08/24 16:55	2	15	17	1	17.8	45	5.0	293	15
30/08/24 17:00	1	8	9	1	17.9	44	4.2	290	20
30/08/24 17:05	1	6	7	1	17.9	44	4.0	289	15
30/08/24 17:10	1	7	7	1	17.9	44	2.6	306	20
30/08/24 17:15	1	8	8	1	18.0	45	2.7	305	21
30/08/24 17:20	1	9	10	1	17.9	45	4.8	306	14
30/08/24 17:25	1	8	8	1	17.8	47	5.7	294	14
30/08/24 17:30	0	6	6	1	17.4	51	7.0	288	15
30/08/24 17:35	0	5	6	1	16.5	58	5.9	288	14
30/08/24 17:40	0	5	6	1	16.2	60	4.1	297	16
30/08/24 17:45	0	5	6	1	16.1	61	2.7	289	17
30/08/24 17:50	0	6	7	1	16.1	60	3.3	293	14
30/08/24 17:55	0	7	7	1	16.4	56	5.2	290	14
30/08/24 18:00	0	7	7	1	16.6	51	5.6	282	14

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/08/24 18:05	0	7	7	1	16.6	51	4.9	287	15
30/08/24 18:10	0	6	7	1	16.6	50	3.4	286	15
30/08/24 18:15	0	7	7	1	16.5	51	3.2	291	17
30/08/24 18:20	0	7	7	1	16.5	50	3.5	292	16
30/08/24 18:25	0	7	7	1	16.5	50	2.7	290	17
30/08/24 18:30	0	8	8	1	16.5	49	3.0	302	16
30/08/24 18:35	0	8	8	1	16.5	50	2.5	299	18
30/08/24 18:40	0	8	8	1	16.5	49	3.3	306	17
30/08/24 18:45	0	8	9	1	16.5	49	3.3	304	18
30/08/24 18:50	0	9	9	1	16.6	49	2.6	303	13
30/08/24 18:55	0	9	9	1	16.5	48	3.2	308	19
30/08/24 19:00	0	11	11	1	16.5	48	2.8	314	20
30/08/24 19:05	0	13	13	1	16.5	49	3.2	314	21
30/08/24 19:10	0	13	14	1	16.5	49	4.0	310	18
30/08/24 19:15	1	12	13	1	16.5	49	4.4	307	20
30/08/24 19:20	0	10	11	1	16.3	50	4.3	306	15
30/08/24 19:25	0	7	7	1	16.2	51	4.5	303	12
30/08/24 19:30	0	7	7	1	16.2	51	3.6	304	17
30/08/24 19:35	0	7	7	1	16.1	52	3.4	303	16
30/08/24 19:40	0	7	7	1	16.0	52	3.6	307	14
30/08/24 19:45	0	7	7	1	16.0	52	3.3	308	16
30/08/24 19:50	0	7	7	1	15.9	53	3.0	305	14
30/08/24 19:55	0	8	8	1	15.8	53	2.7	303	15
30/08/24 20:00	0	8	8	1	15.8	53	2.3	298	20
30/08/24 20:05	0	7	8	1	15.8	53	2.7	302	13
30/08/24 20:10	0	8	8	1	15.9	53	2.3	305	19
30/08/24 20:15	0	8	8	1	15.8	52	2.8	313	16
30/08/24 20:20	0	8	8	1	15.9	51	3.8	312	16
30/08/24 20:25	0	8	8	1	15.9	51	3.8	303	11
30/08/24 20:30	0	7	7	1	15.9	52	3.3	292	15
30/08/24 20:35	0	7	7	1	15.9	51	3.6	296	15
30/08/24 20:40	0	7	8	1	15.9	51	4.0	302	17
30/08/24 20:45	0	7	7	1	15.9	51	3.6	298	22
30/08/24 20:50	0	7	7	1	15.8	51	4.5	294	17
30/08/24 20:55	0	6	6	1	15.8	50	4.6	302	14
30/08/24 21:00	0	6	6	1	15.8	51	4.4	296	12
30/08/24 21:05	0	6	6	1	15.7	51	4.1	291	18
30/08/24 21:10	0	5	5	1	15.7	50	4.4	292	17
30/08/24 21:15	0	5	5	1	15.7	50	4.8	292	18
30/08/24 21:20	0	5	5	1	15.7	50	3.9	284	16
30/08/24 21:25	0	5	5	1	15.6	50	5.6	296	16
30/08/24 21:30	0	4	5	1	15.7	49	4.8	296	13
30/08/24 21:35	0	4	4	1	15.5	50	3.8	298	18
30/08/24 21:40	0	4	4	1	15.5	51	3.7	292	16
30/08/24 21:45	0	4	4	1	15.4	51	4.0	299	15
30/08/24 21:50	0	4	4	1	15.5	51	3.9	296	14
30/08/24 21:55	0	4	4	1	15.3	51	3.4	307	13
30/08/24 22:00	0	4	4	1	15.3	51	3.5	307	15
30/08/24 22:05	0	5	5	1	15.4	51	3.3	308	18
30/08/24 22:10	0	6	6	1	15.3	51	3.4	312	20
30/08/24 22:15	0	7	7	1	15.3	52	3.9	308	21
30/08/24 22:20	0	7	7	1	15.3	53	4.1	309	15
30/08/24 22:25	0	6	6	1	15.2	53	4.0	305	13
30/08/24 22:30	0	7	7	1	15.2	54	4.0	300	18
30/08/24 22:35	0	6	6	1	15.1	54	4.4	296	14
30/08/24 22:40	0	5	5	1	15.2	55	3.6	298	18
30/08/24 22:45	0	5	5	1	15.1	55	5.6	298	18
30/08/24 22:50	0	4	4	1	15.1	54	5.3	293	17
30/08/24 22:55	0	4	4	1	15.1	54	5.2	292	15
30/08/24 23:00	0	4	4	1	15.1	53	4.3	295	15
30/08/24 23:05	0	4	4	1	15.0	53	3.4	300	16
30/08/24 23:10	0	4	4	1	15.0	54	4.1	291	18
30/08/24 23:15	0	4	4	1	14.9	54	3.3	300	19
30/08/24 23:20	0	4	4	1	14.9	52	4.8	307	13
30/08/24 23:25	0	4	4	1	15.0	52	3.8	303	15
30/08/24 23:30	0	4	4	1	15.0	52	3.6	319	21
30/08/24 23:35	0	5	5	1	15.0	52	4.1	298	14
30/08/24 23:40	0	5	5	1	15.0	52	3.9	306	12
30/08/24 23:45	0	5	5	1	15.0	52	3.2	315	23
30/08/24 23:50	0	6	6		14.9	52	3.8	307	14
30/08/24 23:55	0	6	6		14.9	53	3.0	316	23
31/08/24 00:00	0	6	6	1	14.8	54	4.5	301	16
31/08/24 00:05	0	5	5	2	14.9	54	4.1	303	20
31/08/24 00:10	0	4	5	1	14.9	54	5.1	305	17
31/08/24 00:15	0	4	4	1	14.9	55	4.8	305	18
31/08/24 00:20	0	4	4	1	14.8	55	3.4	303	17
31/08/24 00:25	0	4	4	1	14.7	56	4.6	308	12
31/08/24 00:30	0	4	4	1	14.7	56	4.5	307	14
31/08/24 00:35	0	3	4	1	14.6	57	3.7	305	14
31/08/24 00:40	0	4	4	1	14.5	57	3.3	308	20
31/08/24 00:45	0	5	5	1	14.5	57	4.3	308	19
31/08/24 00:50	0	6	6	1	14.5	57	5.1	308	12
31/08/24 00:55	0	5	5	1	14.5	58	4.4	303	14
31/08/24 01:00	0	5	5	1	14.4	59	5.2	300	16

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/08/24 01:05					14.4	60	6.0	308	11
31/08/24 01:10					14.3	60	4.5	308	17
31/08/24 01:15					14.2	61	5.1	309	13
31/08/24 01:20					14.1	61	4.1	303	18
31/08/24 01:25					14.2	62	5.6	305	14
31/08/24 01:30					14.1	61	4.5	301	12
31/08/24 01:35					14.1	61	4.1	303	15
31/08/24 01:40					14.1	61	4.1	305	15
31/08/24 01:45					14.1	61	3.9	306	16
31/08/24 01:50					14.2	59	5.1	306	12
31/08/24 01:55					14.2	59	5.2	307	15
31/08/24 02:00					14.4	57	5.1	305	15
31/08/24 02:05	0	5	6	1	14.5	57	5.1	305	16
31/08/24 02:10	0	5	5	1	14.5	57	4.6	301	18
31/08/24 02:15	0	4	4	1	14.4	58	5.2	299	15
31/08/24 02:20	0	4	4	1	14.4	58	4.8	298	16
31/08/24 02:25	0	3	3	1	14.4	58	4.7	302	14
31/08/24 02:30	0	3	3	1	14.4	58	5.2	300	17
31/08/24 02:35	0	3	3	2	14.5	58	5.5	299	14
31/08/24 02:40	0	3	3	1	14.6	58	5.7	302	15
31/08/24 02:45	0	3	3	1	14.5	58	6.2	307	15
31/08/24 02:50	0	3	3	1	14.4	58	5.6	298	16
31/08/24 02:55	0	3	3	1	14.5	58	5.0	297	15
31/08/24 03:00	0	3	3	1	14.4	59	4.7	301	17
31/08/24 03:05	0	3	3	1	14.4	59	5.2	300	17
31/08/24 03:10	0	3	3	1	14.4	60	4.9	296	20
31/08/24 03:15	0	2	2	2	14.3	60	4.5	298	20
31/08/24 03:20	0	2	2	1	14.3	61	4.7	302	19
31/08/24 03:25	0	2	2	1	14.2	62	4.1	306	19
31/08/24 03:30	0	2	2	1	14.2	63	4.3	301	15
31/08/24 03:35	0	2	2	1	14.1	63	3.8	300	19
31/08/24 03:40	0	2	2	1	14.1	64	4.7	310	17
31/08/24 03:45	0	2	2	1	14.2	63	3.7	304	21
31/08/24 03:50	0	2	2	1	14.1	63	3.2	301	20
31/08/24 03:55	0	2	2	2	14.2	63	3.4	300	18
31/08/24 04:00	0	2	3	1	14.2	62	4.0	293	16
31/08/24 04:05	0	2	2	1	14.5	61	4.6	291	17
31/08/24 04:10	0	2	2	1	14.7	60	4.3	296	16
31/08/24 04:15	0	2	2	1	14.8	59	4.1	297	17
31/08/24 04:20	0	2	2	1	14.8	60	5.5	285	17
31/08/24 04:25	0	2	2	1	14.7	59	5.2	290	14
31/08/24 04:30	0	2	2	1	14.8	60	4.9	286	15
31/08/24 04:35	0	2	2	1	14.9	60	5.6	286	15
31/08/24 04:40	0	2	2	1	14.7	61	6.1	286	15
31/08/24 04:45	0	3	3	1	14.8	61	5.3	292	15
31/08/24 04:50	0	3	3	1	14.7	62	4.9	280	17
31/08/24 04:55	0	3	3	1	14.5	63	6.3	289	10
31/08/24 05:00	0	3	3	1	14.5	64	4.1	288	15
31/08/24 05:05	0	3	3	1	14.4	64	3.7	285	13
31/08/24 05:10	0	3	3	1	14.4	64	2.8	296	14
31/08/24 05:15	0	3	3	1	14.4	63	2.9	307	12
31/08/24 05:20	0	4	3	1	14.5	62	2.0	314	20
31/08/24 05:25	0	5	5	1	14.4	62	2.0	305	30
31/08/24 05:30	0	10	10	1	14.6	60	3.1	304	15
31/08/24 05:35	0	14	14	2	14.7	61	3.4	309	16
31/08/24 05:40	0	13	13	2	14.7	61	2.8	306	25
31/08/24 05:45	0	11	11	2	14.7	62	4.3	293	20
31/08/24 05:50	0	3	4	2	14.7	62	5.6	290	17
31/08/24 05:55	0	2	2	2	14.8	62	4.3	287	15
31/08/24 06:00	0	2	2	2	14.6	63	4.4	288	14
31/08/24 06:05	0	2	3	2	14.7	63	5.4	289	14
31/08/24 06:10	0	2	3	2	14.7	64	4.4	283	16
31/08/24 06:15	0	3	3	2	14.6	65	4.1	293	16
31/08/24 06:20	0	3	3	1	14.6	65	5.4	286	15
31/08/24 06:25	0	3	3	2	14.4	65	4.3	288	16
31/08/24 06:30	0	3	3	2	14.4	66	4.1	289	17
31/08/24 06:35	0	3	3	1	14.3	66	3.7	293	16
31/08/24 06:40	0	3	3	1	14.2	65	3.8	295	13
31/08/24 06:45	0	3	3	1	14.4	64	3.5	294	18
31/08/24 06:50	0	4	4	1	14.5	63	4.0	297	16
31/08/24 06:55	0	4	4	1	14.5	63	3.0	290	18
31/08/24 07:00	0	4	4	1	14.6	62	3.6	290	16
31/08/24 07:05	0	4	4	1	14.5	62	3.3	298	22
31/08/24 07:10	0	5	5	1	14.6	62	3.5	295	16
31/08/24 07:15	0	6	6	1	14.6	61	2.9	302	16
31/08/24 07:20	0	6	6	1	14.6	62	2.7	295	19
31/08/24 07:25	0	6	6	2	14.6	62	3.8	294	18
31/08/24 07:30	0	6	6	2	14.6	61	3.8	303	20
31/08/24 07:35	0	6	6	2	14.7	60	3.3	306	17
31/08/24 07:40	0	6	6	2	14.7	61	2.8	309	21
31/08/24 07:45	1	6	7	2	14.9	60	3.2	305	18
31/08/24 07:50	1	6	7	2	15.0	60	3.4	293	19
31/08/24 07:55	1	6	7	2	15.2	59	2.8	307	18
31/08/24 08:00	1	6	7	2	15.2	58	3.5	310	16

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/08/24 08:05	1	6	7	2	15.3	57	4.0	305	14
31/08/24 08:10	1	6	7	2	15.5	56	4.2	302	17
31/08/24 08:15	1	6	7	2	15.6	55	4.3	305	19
31/08/24 08:20	1	6	7	2	15.6	55	5.0	290	19
31/08/24 08:25	1	6	6	2	15.6	55	4.2	291	24
31/08/24 08:30	1	5	6	2	15.7	55	4.1	291	18
31/08/24 08:35	1	5	6	2	15.6	55	3.7	290	18
31/08/24 08:40	1	5	6	2	15.8	54	4.3	300	12
31/08/24 08:45	1	5	5	2	15.8	53	5.5	307	15
31/08/24 08:50	1	5	5	2	15.8	53	4.8	291	16
31/08/24 08:55	0	5	5	2	15.8	53	5.2	293	13
31/08/24 09:00	0	5	5	2	15.9	52	5.0	294	16
31/08/24 09:05	0	5	5	2	15.9	52	4.7	287	14
31/08/24 09:10	0	5	5	1	16.0	52	5.6	290	15
31/08/24 09:15	1	4	5	1	16.1	51	5.6	288	15
31/08/24 09:20	1	4	5	1	16.1	52	4.2	294	15
31/08/24 09:25	1	4	5	1	16.1	51	5.1	297	18
31/08/24 09:30	1	4	4	2	16.2	51	3.5	289	18
31/08/24 09:35	1	4	5	2	16.3	50	4.5	293	15
31/08/24 09:40	1	4	5	1	16.3	50	3.8	290	20
31/08/24 09:45	1	5	6	2	16.2	52	2.9	301	26
31/08/24 09:50	1	6	7	2	16.1	54	2.4	316	25
31/08/24 09:55	1	8	9	2	16.1	54	4.2	308	15
31/08/24 10:00	2	8	10	1	16.3	54	3.3	325	34
31/08/24 10:05	2	9	11	1	16.3	54	2.8	297	21
31/08/24 10:10	2	9	11	1	16.5	55	3.1	299	15
31/08/24 10:15	2	9	11	1	16.7	54	3.1	305	18
31/08/24 10:20	2	9	11	1	16.6	55	3.7	309	21
31/08/24 10:25	2	9	11	1	16.5	54	4.1	310	17
31/08/24 10:30	2	8	10	2	16.4	55	3.5	303	18
31/08/24 10:35	2	9	11	2	16.3	56	3.6	289	19
31/08/24 10:40	1	8	10	2	16.4	52	5.6	293	11
31/08/24 10:45	1	7	8	2	16.4	52	5.3	282	13
31/08/24 10:50	1	6	7	2	16.5	51	4.6	284	13
31/08/24 10:55	1	6	6	2	16.6	50	4.6	289	15
31/08/24 11:00	1	5	6	2	16.7	51	4.7	296	17
31/08/24 11:05	1	5	6	2	16.2	54	5.0	284	14
31/08/24 11:10	1	4	5	1	16.6	53	4.3	295	17
31/08/24 11:15	1	4	5	2	17.2	49	4.7	293	16
31/08/24 11:20	1	4	5	2	17.3	48	4.3	294	17
31/08/24 11:25	1	4	5	2	17.4	49	3.2	292	16
31/08/24 11:30	1	4	5	2	17.3	48	3.9	296	13
31/08/24 11:35	1	4	5	2	17.3	48	3.6	300	21
31/08/24 11:40	1	4	5	2	17.2	49	3.9	304	18
31/08/24 11:45	1	6	7	2	17.2	50	4.3	311	15
31/08/24 11:50	1	7	8	2	17.2	50	3.3	302	16
31/08/24 11:55	1	7	8	2	17.2	48	4.2	298	19
31/08/24 12:00	1	6	7	2	17.2	48	3.7	295	16
31/08/24 12:05	1	5	7	1	17.6	47	4.0	304	15
31/08/24 12:10	1	5	7	2	17.8	46	4.5	306	20
31/08/24 12:15	2	5	7	2	18.0	46	4.3	309	18
31/08/24 12:20	2	5	7	2	18.2	46	3.4	310	25
31/08/24 12:25	2	5	7	2	18.1	47	2.9	339	28
31/08/24 12:30	2	5	8	2	18.1	47	3.6	307	20
31/08/24 12:35	2	5	8	2	18.2	45	6.0	289	13
31/08/24 12:40	2	5	7	2	18.1	44	4.6	299	18
31/08/24 12:45	2	4	6	2	18.2	44	4.1	298	19
31/08/24 12:50	1	4	6	2	18.2	44	4.0	303	24
31/08/24 12:55	1	4	6	2	18.2	44	4.5	311	20
31/08/24 13:00	1	4	6	2	18.3	44	6.0	308	15
31/08/24 13:05	1	4	5	2	18.3	43	5.0	304	14
31/08/24 13:10	1	4	5	2	18.3	43	5.9	308	16
31/08/24 13:15	1	4	5	1	18.3	44	5.1	303	17
31/08/24 13:20	1	4	5	2	18.3	44	6.2	299	17
31/08/24 13:25	1	4	5	2	18.2	45	5.7	310	20
31/08/24 13:30	1	4	5	2	18.1	46	5.9	307	14
31/08/24 13:35	1	5	6	2	18.1	47	4.0	300	18
31/08/24 13:40	1	5	6	2	18.2	45	6.5	307	16
31/08/24 13:45	1	5	6	2	18.1	46	6.5	305	17
31/08/24 13:50	1	5	5	2	18.2	47	5.4	310	17
31/08/24 13:55	1	5	6	2	17.9	49	3.7	323	27
31/08/24 14:00	1	5	6	2	17.8	51	4.4	320	25
31/08/24 14:05	1	5	6	2	17.6	52	5.1	308	14
31/08/24 14:10	1	5	6	2	17.9	51	6.2	307	16
31/08/24 14:15	1	5	5	2	17.8	52	7.2	305	13
31/08/24 14:20	1	4	5	2	17.6	53	5.5	313	19
31/08/24 14:25	1	4	5	2	17.7	53	5.7	316	25
31/08/24 14:30	1	4	5	2	18.1	51	6.8	310	20
31/08/24 14:35	1	4	6	2	18.2	50	6.5	310	21
31/08/24 14:40	1	4	6	2	17.9	51	7.5	305	15
31/08/24 14:45	1	4	5	2	17.9	52	6.7	299	15
31/08/24 14:50	1	4	5	2	18.1	52	6.6	307	14
31/08/24 14:55	1	4	5	2	17.8	52	6.2	308	19
31/08/24 15:00	1	4	5	2	17.7	52	6.1	307	17

Station Pier Ambient Air Quality Monitoring									
August 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/08/24 15:05	1	4	5	2	17.6	52	5.5	312	26
31/08/24 15:10	1	4	5	2	17.7	52	7.0	304	17
31/08/24 15:15	1	4	5	2	17.6	52	6.0	307	15
31/08/24 15:20	1	3	4	2	17.8	51	4.6	297	15
31/08/24 15:25	1	3	4	2	17.9	52	5.3	307	18
31/08/24 15:30	1	3	4	2	17.4	55	6.3	310	16
31/08/24 15:35	1	4	5	2	17.2	56	4.4	322	27
31/08/24 15:40	1	4	5	2	17.2	57	3.4	323	26
31/08/24 15:45	1	4	5	2	17.3	57	3.3	313	21
31/08/24 15:50	1	4	6	2	17.7	56	3.5	326	28
31/08/24 15:55	1	5	6	2	17.9	55	3.7	330	27
31/08/24 16:00	1	5	6	2	18.0	54	5.8	315	21
31/08/24 16:05	1	5	6	2	18.2	52	6.2	299	17
31/08/24 16:10	1	5	6	2	18.2	53	4.7	310	22
31/08/24 16:15	1	5	6	2	18.1	53	4.8	315	20
31/08/24 16:20	1	5	6	2	17.9	55	3.6	314	26
31/08/24 16:25	1	5	6	2	17.9	55	4.1	309	20
31/08/24 16:30	1	5	6	2	18.0	55	5.8	307	19
31/08/24 16:35	1	5	7	2	18.1	54	5.3	311	17
31/08/24 16:40	1	6	7	2	18.2	53	6.6	308	20
31/08/24 16:45	1	6	7	2	18.2	52	5.4	311	21
31/08/24 16:50	1	6	7	2	18.3	51	7.1	307	15
31/08/24 16:55	1	6	7	2	18.5	50	6.1	311	13
31/08/24 17:00	1	6	7	2	18.4	49	5.8	309	14
31/08/24 17:05	1	6	7	2	18.6	48	5.9	305	14
31/08/24 17:10	1	6	7	2	18.6	47	5.8	305	14
31/08/24 17:15	1	6	7	2	18.7	46	5.5	305	13
31/08/24 17:20	1	6	7	2	18.7	46	5.1	311	19
31/08/24 17:25	1	7	8	2	18.8	45	4.8	313	20
31/08/24 17:30	1	7	8	2	18.8	45	6.1	304	13
31/08/24 17:35	1	6	7	2	18.8	45	6.4	302	12
31/08/24 17:40	1	6	7	2	18.7	45	4.8	309	17
31/08/24 17:45	1	6	7	2	18.7	45	6.6	306	15
31/08/24 17:50	1	6	7	2	18.5	45	5.0	309	19
31/08/24 17:55	0	7	7	2	18.5	45	5.2	308	17
31/08/24 18:00	0	6	7	2	18.4	45	5.2	308	15
31/08/24 18:05	0	7	7	2	18.4	45	5.5	310	14
31/08/24 18:10	0	7	7	2	18.4	45	4.6	310	24
31/08/24 18:15	0	7	8	2	18.3	45	5.3	305	18
31/08/24 18:20	0	7	8	2	18.3	45	6.0	306	15
31/08/24 18:25	0	7	7	2	18.1	45	4.3	304	17
31/08/24 18:30	0	7	7	2	18.1	45	6.2	309	13
31/08/24 18:35	0	7	7	2	18.1	45	5.2	305	12
31/08/24 18:40	0	7	8	2	18.0	45	5.0	312	15
31/08/24 18:45	0	8	8	2	18.0	46	4.0	309	20
31/08/24 18:50	0	8	8	2	17.9	46	2.9	322	25
31/08/24 18:55	0	7	7	2	17.8	47	3.0	318	27
31/08/24 19:00	0	7	7	2	17.8	47	2.8	314	25
31/08/24 19:05	0	7	7	2	17.7	48	3.5	318	20
31/08/24 19:10	0	8	8	2	17.8	48	3.5	315	25
31/08/24 19:15	0	8	8	2	17.8	48	3.3	321	25
31/08/24 19:20	0	9	9	2	17.8	48	2.7	351	29
31/08/24 19:25	0	9	9	2	17.7	48	3.1	350	26
31/08/24 19:30	0	8	8	2	17.6	49	3.4	355	24
31/08/24 19:35	0	8	8	2	17.7	49	2.1	332	36
31/08/24 19:40	0	7	7	2	17.7	49	2.8	336	35
31/08/24 19:45	0	7	7	2	17.6	49	3.3	330	28
31/08/24 19:50	0	6	7	2	17.6	49	3.4	349	27
31/08/24 19:55	1	6	7	2	17.7	49	3.2	339	32
31/08/24 20:00	1	6	6	2	17.7	49	2.5	342	37
31/08/24 20:05	0	6	6	2	17.7	49	3.2	329	28
31/08/24 20:10	0	6	6	2	17.7	49	4.7	324	22
31/08/24 20:15	0	6	6	2	17.7	49	5.5	314	18
31/08/24 20:20	0	6	6	2	17.6	50	3.4	322	25
31/08/24 20:25	0	6	6	2	17.6	50	2.5	328	30
31/08/24 20:30	0	6	6	2	17.6	50	4.1	300	17
31/08/24 20:35	0	6	6	2	17.5	50	3.4	303	18
31/08/24 20:40	0	6	6	2	17.6	51	5.2	306	15
31/08/24 20:45	0	6	6	2	17.5	51	5.9	301	14
31/08/24 20:50	0	5	5	2	17.5	51	5.1	309	17
31/08/24 20:55	0	5	5	2	17.4	52	4.8	319	23
31/08/24 21:00	0	5	5	2	17.3	52	4.0	315	28
31/08/24 21:05	0	5	6	2	17.2	53	5.0	305	22
31/08/24 21:10	0	5	6	2	17.3	53	3.8	326	28
31/08/24 21:15	0	5	6	2	17.2	53	5.0	309	19
31/08/24 21:20	0	5	5	2	17.1	53	4.9	310	18
31/08/24 21:25	0	5	5	2	17.0	53	4.8	311	20
31/08/24 21:30	0	5	5	2	17.0	53	4.7	312	20
31/08/24 21:35	0	5	5	2	16.8	54	3.5	318	25
31/08/24 21:40	0	5	5	2	16.6	54	3.6	330	27
31/08/24 21:45	0	5	5	2	16.5	54	3.1	340	34
31/08/24 21:50	0	4	5	1	16.5	55	2.4	331	29
31/08/24 21:55	0	5	5	1	16.3	56	2.3	324	30
31/08/24 22:00	0	5	5	2	16.3	56	2.9	347	29

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/08/24 22:05	0	5	6	2	16.1	57	2.0	328	31
31/08/24 22:10	0	6	6	2	16.1	57	2.7	332	35
31/08/24 22:15	0	6	6	2	16.0	57	2.2	327	39
31/08/24 22:20	0	6	6	2	15.9	58	2.6	322	35
31/08/24 22:25	0	5	5	2	15.9	58	2.4	322	28
31/08/24 22:30	0	5	5	1	15.8	58	3.6	327	23
31/08/24 22:35	0	5	5	1	15.8	58	3.2	318	24
31/08/24 22:40	0	4	5	2	15.8	58	3.6	313	19
31/08/24 22:45	0	4	5	2	15.9	57	3.0	325	32
31/08/24 22:50	0	4	5	2	15.9	57	3.8	325	23
31/08/24 22:55	0	4	5	2	15.8	58	4.0	309	25
31/08/24 23:00	0	4	4	2	15.8	58	3.6	318	29
31/08/24 23:05	0	4	4	2	15.8	57	3.9	324	28
31/08/24 23:10	0	4	4	2	15.8	57	3.7	323	25
31/08/24 23:15	0	4	4	2	15.9	57	3.1	317	31
31/08/24 23:20	0	4	4	2	15.9	57	2.8	329	28
31/08/24 23:25	0	4	4	2	16.0	57	3.5	329	33
31/08/24 23:30	0	4	3	2	16.0	57	3.0	316	26
31/08/24 23:35	0	3	3	2	16.0	57	3.5	326	26
31/08/24 23:40	0	4	3	2	15.9	57	3.0	327	27
31/08/24 23:45	0	4	3	2	16.0	56	3.2	330	27
31/08/24 23:50	0	3	4		16.1	56	2.4	347	39
31/08/24 23:55	0	3	4		16.1	56	3.1	323	26
01/09/24 00:00	0	3	4	2	16.1	56	2.7	332	33

Station Pier Ambient Air Quality Monitoring											
August 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/08/24 01:00	22	43	94	29	123	1	5.9	90	1.8	352	13
01/08/24 02:00	23	45					5.3	91	1.8	358	11
01/08/24 03:00	15	34	53	24	77	1	4.9	91	2.2	2	11
01/08/24 04:00	16	31	41	22	63	1	4.5	92	1.9	5	10
01/08/24 05:00	15	27	31	22	53	0	4.6	92	1.9	1	15
01/08/24 06:00	13	26	37	23	59	1	4.5	92	2.1	3	11
01/08/24 07:00	16	31	60	24	84	1	4.7	90	1.3	10	14
01/08/24 08:00	17	25	76	23	99	1	4.7	88	1.4	36	10
01/08/24 09:00	17	31	90	24	114	1	5.0	86	1.1	42	12
01/08/24 10:00	17	50	125	31	157	1	6.7	80	0.4	320	34
01/08/24 11:00	16	47	95	30	125	1	9.6	69	0.8	172	24
01/08/24 12:00	14	34	42	24	66	1	11.0	69	0.5	187	29
01/08/24 13:00	15	30	26	22	49	1	11.9	68	1.2	211	11
01/08/24 14:00	16	32	20	21	40	1	13.0	68	1.7	185	15
01/08/24 15:00	14	30	12	16	28	1	12.9	74	1.8	170	23
01/08/24 16:00	15	28	13	19	32	1	13.7	73	1.5	175	21
01/08/24 17:00	13	24	11	22	33	1	13.8	76	0.8	188	21
01/08/24 18:00	20	23	12	28	40	0	12.1	81	0.5	327	18
01/08/24 19:00	8	25	9	29	38	1	12.9	55	1.6	31	16
01/08/24 20:00	6	20	3	26	29	0	12.4	53	1.6	28	18
01/08/24 21:00	5	19	4	29	32	0	11.2	58	1.4	24	19
01/08/24 22:00	5	22	2	25	27	0	10.5	61	1.4	14	22
01/08/24 23:00	8	15	2	24	27	0	9.7	67	1.3	17	24
02/08/24 00:00	8	21	5	25	29	0	8.6	74	0.9	56	22
02/08/24 01:00	7	20	2	20	22	1	8.7	73	1.3	24	22
02/08/24 02:00	7	18					8.4	74	1.5	30	25
02/08/24 03:00	6	16	1	15	15	1	8.2	75	1.2	18	29
02/08/24 04:00	8	12	1	14	15	1	8.0	75	1.3	351	30
02/08/24 05:00	6	18	5	20	24	1	6.4	82	1.0	37	21
02/08/24 06:00	5	16	4	17	20	1	5.9	85	0.8	58	12
02/08/24 07:00	9	23	23	22	44	2	5.9	84	0.4	10	39
02/08/24 08:00	10	35	74	28	102	2	5.9	83	0.5	54	23
02/08/24 09:00	7	20	45	25	71	2	8.0	75	1.0	38	32
02/08/24 10:00	3	30	17	19	36	2	11.3	61	2.9	18	24
02/08/24 11:00	1	28	6	10	16	2	13.4	54	3.7	12	22
02/08/24 12:00	1	26	3	8	11	2	14.5	50	4.1	14	22
02/08/24 13:00	0	25	4	8	12	1	15.5	46	4.0	3	25
02/08/24 14:00	-1	20	4	8	12	2	16.2	44	3.4	6	26
02/08/24 15:00	2	22	3	9	12	1	16.0	46	3.5	5	25
02/08/24 16:00	3	18	3	10	13	1	15.4	48	3.7	13	22
02/08/24 17:00	3	13	1	11	12	1	15.3	48	3.4	13	22
02/08/24 18:00	1	18	1	11	12	1	14.8	49	2.9	9	25
02/08/24 19:00	1	14	1	14	15	1	14.0	54	2.5	13	22
02/08/24 20:00	3	18	1	13	14	1	13.5	58	2.5	12	23
02/08/24 21:00	2	17	1	11	12	1	13.3	58	3.2	20	19
02/08/24 22:00	5	17	2	14	16	1	12.8	61	2.4	13	20
02/08/24 23:00	4	16	1	13	14	1	12.6	63	2.1	10	24
03/08/24 00:00	3	11	1	11	12	1	12.8	63	1.8	1	27
03/08/24 01:00	3	17	0	7	8	1	12.8	63	2.5	8	23
03/08/24 02:00	1	10					12.4	64	2.5	6	24
03/08/24 03:00	1	9	0	6	6	2	12.0	66	2.2	11	26
03/08/24 04:00	3	15	0	5	5	1	11.7	67	2.2	20	23
03/08/24 05:00	1	12	0	6	6	2	11.6	67	2.8	22	21
03/08/24 06:00	1	14	0	6	6	2	11.9	64	3.2	11	22
03/08/24 07:00	2	12	0	9	9	1	11.8	64	2.7	3	25
03/08/24 08:00	1	11	1	14	15	2	11.9	63	2.0	359	31
03/08/24 09:00	0	17	5	20	25	2	12.0	63	1.9	325	28
03/08/24 10:00	1	20	7	19	26	2	12.1	63	2.0	329	26
03/08/24 11:00	2	21	7	17	24	2	12.4	63	1.6	330	28
03/08/24 12:00	3	15	8	13	21	3	13.4	58	1.2	336	31
03/08/24 13:00	2	16	5	11	15	2	14.0	58	0.8	307	22
03/08/24 14:00	2	16	4	11	15	2	14.1	60	1.1	198	15
03/08/24 15:00	2	13	8	14	22	2	13.7	69	1.1	175	22
03/08/24 16:00	0	19	3	10	13	2	13.3	72	1.0	140	17
03/08/24 17:00	0	13	1	8	9	2	13.0	73	1.1	194	11
03/08/24 18:00	2	13	1	7	7	2	12.5	74	0.3	119	23
03/08/24 19:00	9	22	2	17	19	2	11.2	80	0.5	70	8
03/08/24 20:00	17	31	15	30	45	2	10.4	83	0.3	348	15
03/08/24 21:00	19	31	29	29	58	2	9.7	86	0.4	9	19
03/08/24 22:00	27	45	64	35	99	3	9.8	86	1.2	333	18
03/08/24 23:00	37	59	101	39	140	3	9.8	84	1.5	336	18
04/08/24 00:00	31	49	81	36	117	3	8.9	86	1.4	328	21
04/08/24 01:00	25	38	61	31	92	2	8.1	88	1.1	336	20
04/08/24 02:00	20	35					7.7	90	1.0	309	18
04/08/24 03:00	21	44	68	25	93	1	6.6	93	1.1	14	10
04/08/24 04:00	24	41	53	22	75	1	6.4	93	1.1	357	16
04/08/24 05:00	14	24	24	19	42	1	6.5	92	1.9	0	15
04/08/24 06:00	12	26	11	19	30	1	6.3	90	1.6	7	14
04/08/24 07:00	14	23	14	16	31	1	5.3	93	0.9	43	12
04/08/24 08:00	13	21	18	15	33	1	5.0	93	0.6	45	18
04/08/24 09:00	11	24	22	15	37	1	6.8	83	0.7	42	15
04/08/24 10:00	9	20	21	17	38	1	9.4	70	0.5	343	33
04/08/24 11:00	12	30	32	23	55	2	10.9	65	0.7	323	39
04/08/24 12:00	17	34	31	24	55	3	12.7	60	0.5	176	16
04/08/24 13:00	9	22	19	22	41	3	13.9	60	1.0	125	17
04/08/24 14:00	5	15	6	10	16	2	14.0	56	1.2	120	13
04/08/24 15:00	1	17	1	5	7	1	15.0	53	1.4	140	21
04/08/24 16:00	2	11	1	5	6	0	15.3	54	1.4	137	21
04/08/24 17:00	4	13	0	4	4	0	13.1	67	1.2	162	33
04/08/24 18:00	2	12	0	4	4	0	12.3	70	1.3	112	12
04/08/24 19:00	9	23	2	23	25	0	11.7	62	0.9	94	8
04/08/24 20:00	18	34	13	35	48	0	11.2	67	0.5	105	22
04/08/24 21:00	29	41	37	37	74	0	10.6	73	0.3	357	17
04/08/24 22:00	29	53	84	41	125	1	10.7	69	0.8	325	13
04/08/24 23:00	29	54	108	40	148	1	10.0	75	0.4	313	15
05/08/24 00:00	36	58	106	38	144	1	9.5	78	0.9	345	20
05/08/24 01:00	29	58	99	33	132	2	9.2	81	1.0	342	15
05/08/24 02:00	33	38					8.7	85	0.6	28	15
05/08/24 03:00	24	36	44	23	67	1	8.6	85	0.7	4	21
05/08/24 04:00	20	36	45	22	67	2	8.2	86	1.1	355	21
05/08/24 05:00	14	33	35	21	56	1	8.4	86	1.2	358	19
05/08/24 06:00	16	29	44	21	65	1	8.5	85	0.9	353	22
05/08/24 07:00	11	29	49	22	71	1	8.0	87	0.8	31	13
05/08/24 08:00	13	31	48	25	73	1	8.5	87	1.3	14	16
05/08/24 09:00	10	26	43	23	67	1	9.6	83	0.8	354	28
05/08/24 10:00	13	37	82	26	108	2	10.2	81	0.5	297	26

Station Pier Ambient Air Quality Monitoring											
August 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/08/24 11:00	18	54	114	31	144	2	10.7	81	0.5	162	18
05/08/24 12:00	25	46	87	29	117	2	11.8	77	1.0	197	16
05/08/24 13:00	19	45	100	36	136	2	12.7	74	1.3	159	22
05/08/24 14:00	9	27	41	26	67	2	13.6	67	1.7	170	22
05/08/24 15:00	4	8	5	10	15	2	13.7	60	1.6	137	20
05/08/24 16:00	-2	7	3	8	11	1	14.4	60	1.2	164	28
05/08/24 17:00	1	7	1	5	6	1	13.6	66	1.3	142	26
05/08/24 18:00	3	7	0	2	3	1	12.3	69	0.9	179	33
05/08/24 19:00	1	9	0	2	2	1	11.9	68	0.9	128	21
05/08/24 20:00	8	23	3	25	28	1	11.9	69	0.6	73	19
05/08/24 21:00	7	36	41	36	77	1	11.8	69	1.3	338	22
05/08/24 22:00	15	41	77	36	113	2	10.8	74	1.5	300	15
05/08/24 23:00	15	50	68	32	100	2	10.3	75	1.4	340	19
06/08/24 00:00	10	16	24	25	49	2	10.0	79	1.3	345	26
06/08/24 01:00	6	22	12	22	34	1	9.7	81	1.5	350	24
06/08/24 02:00	6	3					9.4	84	1.3	342	29
06/08/24 03:00	6	17	3	18	21	1	9.1	85	1.2	340	31
06/08/24 04:00	5	11	1	12	13	0	8.8	86	1.2	341	32
06/08/24 05:00	3	10	0	9	10	1	8.8	85	2.2	358	23
06/08/24 06:00	1	9	1	10	11	1	8.9	84	2.1	359	25
06/08/24 07:00	2	13	3	17	21	1	8.9	84	2.4	2	24
06/08/24 08:00	6	20	31	27	58	1	9.0	83	1.8	352	27
06/08/24 09:00	5	17	23	22	45	1	10.3	77	2.2	360	25
06/08/24 10:00	6	19	17	17	34	1	12.5	70	2.1	338	30
06/08/24 11:00	3	19	8	12	20	1	14.4	62	2.8	316	26
06/08/24 12:00	0	21	5	9	14	1	15.5	57	2.8	325	29
06/08/24 13:00	-2	19	3	7	10	1	16.0	54	2.9	323	27
06/08/24 14:00	0	22	3	8	11	1	16.6	49	3.4	289	20
06/08/24 15:00	0	19	3	7	10	1	16.7	43	5.7	275	11
06/08/24 16:00	-1	22	4	11	15	1	16.3	43	5.7	277	12
06/08/24 17:00	0	17	2	8	10	0	16.5	44	4.5	287	14
06/08/24 18:00	2	14	0	9	10	0	16.3	45	3.3	301	15
06/08/24 19:00	3	18	2	22	23	0	15.4	48	2.3	313	19
06/08/24 20:00	2	18	2	25	27	0	14.1	55	1.6	353	24
06/08/24 21:00	5	22	1	17	19	0	13.2	64	2.0	14	23
06/08/24 22:00	5	16	2	21	23	0	13.1	64	1.6	350	30
06/08/24 23:00	5	19	6	26	31	0	12.3	65	1.6	352	28
07/08/24 00:00	4	14	0	12	12	0	11.9	66	2.0	6	23
07/08/24 01:00	4	14	0	10	10	2	11.6	69	2.2	12	23
07/08/24 02:00	3	11					11.9	69	2.2	5	24
07/08/24 03:00	2	8	0	7	8	1	11.8	70	1.5	7	26
07/08/24 04:00	4	7	0	8	8	1	12.0	68	1.6	349	28
07/08/24 05:00	2	4	0	11	11	1	11.7	70	1.9	360	24
07/08/24 06:00	2	6	0	10	11	1	10.9	74	1.9	359	25
07/08/24 07:00	3	13	2	18	20	1	10.5	75	1.6	12	24
07/08/24 08:00	2	17	14	25	39	2	10.4	75	1.7	15	21
07/08/24 09:00	2	17	21	25	46	2	11.3	71	2.4	23	21
07/08/24 10:00							13.3	65	1.9	3	29
07/08/24 11:00			7	12	19	1	14.7	62	1.9	351	31
07/08/24 12:00	5	36	6	10	16	2	16.5	55	2.3	336	30
07/08/24 13:00	2	28	4	8	12	2	17.4	51	2.5	329	29
07/08/24 14:00	-1	19	2	7	9	2	17.6	46	2.3	330	29
07/08/24 15:00	0	17	3	10	12	2	17.7	45	2.1	337	29
07/08/24 16:00	1	20	2	8	9	2	17.7	45	2.5	327	27
07/08/24 17:00	2	25	2	11	14	2	16.6	56	2.9	12	22
07/08/24 18:00	3	18	1	12	13	2	15.9	58	2.5	16	21
07/08/24 19:00	1	16	1	12	13	2	14.9	62	2.5	14	22
07/08/24 20:00	3	21	1	14	15	2	14.1	65	2.4	14	21
07/08/24 21:00	3	19	0	15	15	2	13.4	67	2.2	4	27
07/08/24 22:00	5	25	10	23	33	2	12.6	71	1.6	354	27
07/08/24 23:00	6	23	5	23	28	2	12.0	74	1.5	342	25
08/08/24 00:00	3	12	1	15	16	2	12.3	71	2.9	22	18
08/08/24 01:00	0	19	0	10	10	1	12.4	69	3.4	22	20
08/08/24 02:00							12.4	68	3.8	28	17
08/08/24 03:00											
08/08/24 04:00											
08/08/24 05:00											
08/08/24 06:00											
08/08/24 07:00											
08/08/24 08:00											
08/08/24 09:00											
08/08/24 10:00											
08/08/24 11:00											
08/08/24 12:00											
08/08/24 13:00											
08/08/24 14:00							14.1	60	4.3	18	22
08/08/24 15:00	22	31	3	12	15	2	14.1	61	4.1	14	22
08/08/24 16:00	-6	21	3	14	17	2	14.0	62	3.8	1	27
08/08/24 17:00	-1	26	2	12	14	2	14.0	64	3.3	350	23
08/08/24 18:00	0	12	1	13	15	2	13.8	65	3.2	4	27
08/08/24 19:00	-1	27	1	10	11	2	14.1	62	4.3	7	26
08/08/24 20:00	-1	17	1	9	9	2	14.2	62	4.3	5	23
08/08/24 21:00	0	14	0	8	9	2	14.2	62	3.5	10	25
08/08/24 22:00	2	11	0	7	7	2	14.3	61	2.7	354	29
08/08/24 23:00	-1	13	0	8	8	2	13.9	64	2.8	328	30
09/08/24 00:00	-4	14	0	6	6	2	13.8	64	2.3	335	34
09/08/24 01:00	-3	9	0	5	6	1	13.6	65	2.2	331	32
09/08/24 02:00	0	12					13.4	67	1.4	346	36
09/08/24 03:00	1	18	0	8	8	1	13.3	69	1.4	332	33
09/08/24 04:00	1	11	1	13	14	0	13.1	71	1.4	326	25
09/08/24 05:00	2	10	0	12	12	0	12.6	75	1.0	330	31
09/08/24 06:00	3	18	6	18	25	0	12.2	77	1.2	350	22
09/08/24 07:00	2	12	4	20	24	1	12.2	77	1.3	2	24
09/08/24 08:00	2	27	28	23	51	1	11.9	78	1.1	332	29
09/08/24 09:00	3	24	34	22	56	1	12.7	73	1.4	332	30
09/08/24 10:00	3	17	18	15	33	1	13.6	69	1.8	309	19
09/08/24 11:00	2	12	6	9	15	1	14.2	64	2.4	280	16
09/08/24 12:00	-2	16	4	7	11	1	14.8	59	2.2	273	17
09/08/24 13:00	-3	12	3	7	10	1	15.6	55	2.1	260	19
09/08/24 14:00	0	18	3	7	10	1	16.8	56	1.3	150	28
09/08/24 15:00	0	20	3	6	9	0	16.0	63	1.8	167	25
09/08/24 16:00	4	19	2	5	7	0	16.2	59	1.8	174	17
09/08/24 17:00	4	19	1	4	5	0	14.6	75	1.0	120	18
09/08/24 18:00	1	17	0	3	3	0	13.3	75	1.1	119	15
09/08/24 19:00	6	20	0	16	16	0	14.2	60	1.6	100	9
09/08/24 20:00	20	32	9	32	41	0	13.9	61	0.7	47	22

Station Pier Ambient Air Quality Monitoring											
August 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/08/24 21:00	15	39	42	36	79	1	14.1	60	0.6	352	21
09/08/24 22:00	14	38	65	34	99	1	13.8	63	0.9	338	23
09/08/24 23:00	12	31	24	29	53	1	13.2	65	1.1	339	23
10/08/24 00:00	9	29	34	28	62	1	12.3	69	1.0	354	20
10/08/24 01:00	10	27	37	28	65	1	11.7	72	1.0	7	17
10/08/24 02:00	9	21					11.5	71	1.3	360	20
10/08/24 03:00	6	15	5	22	27	1	11.1	73	0.9	23	16
10/08/24 04:00	6	20	12	21	33	1	10.3	77	0.8	339	24
10/08/24 05:00	7	21	25	22	47	1	9.6	81	0.4	11	22
10/08/24 06:00	6	17	12	17	29	1	9.1	84	0.7	27	13
10/08/24 07:00	7	27	34	21	55	1	9.3	83	1.3	14	14
10/08/24 08:00	8	20	27	21	47	1	9.8	80	0.9	341	29
10/08/24 09:00	8	22	36	19	56	1	10.1	80	0.9	39	14
10/08/24 10:00	6	24	35	18	53	1	11.8	73	0.8	31	19
10/08/24 11:00	8	34	49	22	71	1	13.5	68	1.0	199	18
10/08/24 12:00	9	31	49	28	77	3	16.7	56	0.6	144	22
10/08/24 13:00	8	24	33	24	57	2	16.5	61	1.0	138	20
10/08/24 14:00	4	16	3	7	10	1	16.4	63	1.4	153	24
10/08/24 15:00	2	21	4	9	13	1	16.4	66	1.3	166	29
10/08/24 16:00	1	19	2	6	8	1	15.8	70	1.2	124	22
10/08/24 17:00	2	14	1	4	5	1	16.3	65	0.9	160	25
10/08/24 18:00	4	16	0	3	3	1	14.2	75	0.8	109	11
10/08/24 19:00	4	18	0	5	5	1	14.3	74	0.7	115	14
10/08/24 20:00	6	22	1	15	15	0	13.9	77	0.3	39	20
10/08/24 21:00	8	16	1	14	14	1	13.3	80	0.3	222	17
10/08/24 22:00	14	24	1	22	23	1	13.0	83	0.4	236	21
10/08/24 23:00	11	33	8	26	34	1	12.4	84	0.1	121	23
11/08/24 00:00	23	40	39	33	72	1	12.2	80	0.6	318	29
11/08/24 01:00	23	45	74	33	107	1	11.9	79	1.1	328	21
11/08/24 02:00	26	41					10.8	85	0.5	340	25
11/08/24 03:00	19	41	29	24	52	1	9.7	88	0.8	30	10
11/08/24 04:00	17	26	7	17	23	1	9.1	89	0.8	34	8
11/08/24 05:00	21	34	28	20	48	1	8.4	90	0.9	16	12
11/08/24 06:00	17	30	19	18	37	1	8.2	90	0.9	4	14
11/08/24 07:00	17	37	25	18	43	1	7.7	90	0.7	2	18
11/08/24 08:00	22	32	41	19	60	1	7.7	89	0.7	350	20
11/08/24 09:00	7	28	30	17	47	1	9.8	79	1.0	11	26
11/08/24 10:00	10	27	19	16	35	1	11.6	72	0.8	226	17
11/08/24 11:00	16	31	21	18	39	1	13.3	68	0.8	199	17
11/08/24 12:00	11	30	15	15	30	2	16.0	59	0.7	166	25
11/08/24 13:00	7	19	7	11	17	1	15.9	63	1.1	183	20
11/08/24 14:00	6	24	6	11	17	1	16.5	64	1.8	167	22
11/08/24 15:00	9	17	4	8	12	1	15.0	73	1.8	164	33
11/08/24 16:00	7	20	2	6	8	1	15.1	71	1.5	156	38
11/08/24 17:00	9	17	1	5	6	1	15.4	68	1.5	167	41
11/08/24 18:00	7	23	0	6	6	1	14.6	73	1.8	129	14
11/08/24 19:00	12	27	1	22	23	1	15.0	65	1.5	83	9
11/08/24 20:00	17	31	1	26	26	1	15.3	64	1.7	82	12
11/08/24 21:00	21	40	15	35	50	1	13.7	69	0.9	31	15
11/08/24 22:00	12	25	18	29	48	0	13.7	62	0.9	340	21
11/08/24 23:00	12	21	17	28	44	0	12.2	70	1.0	26	13
12/08/24 00:00	10	29	24	26	50	0	11.2	75	0.9	22	12
12/08/24 01:00	10	25	21	25	45	1	10.9	77	0.9	353	21
12/08/24 02:00	6	14					10.7	77	0.9	33	25
12/08/24 03:00	8	14	3	19	22	1	9.7	83	0.9	62	16
12/08/24 04:00	6	14	1	11	12	1	10.9	79	1.2	4	32
12/08/24 05:00	5	11	1	13	15	1	10.0	82	0.6	52	30
12/08/24 06:00	7	13	2	15	17	1	8.9	88	0.6	112	21
12/08/24 07:00	6	17	24	20	44	1	9.6	85	0.5	326	39
12/08/24 08:00	5	27	65	26	91	2	10.5	78	0.9	343	29
12/08/24 09:00	11	38	52	28	79	2	12.9	68	1.1	344	28
12/08/24 10:00	8	46	44	27	70	2	15.3	61	1.3	360	33
12/08/24 11:00	4	28	13	14	27	2	18.0	53	2.3	349	34
12/08/24 12:00	4	32	4	9	13	1	19.2	51	3.1	344	30
12/08/24 13:00	3	23	3	8	11	1	19.9	49	2.9	344	29
12/08/24 14:00	2	28	3	7	10	1	20.6	45	3.7	350	25
12/08/24 15:00	5	33	2	7	8	1	20.9	43	2.9	332	32
12/08/24 16:00	4	24	2	7	9	1	21.0	40	2.8	339	31
12/08/24 17:00	2	20	1	8	9	1	20.6	43	2.3	324	29
12/08/24 18:00	4	21	1	13	14	1	19.7	48	1.5	346	30
12/08/24 19:00	8	24	1	21	22	1	18.5	55	1.2	339	31
12/08/24 20:00	9	23	2	26	28	2	17.4	61	1.2	347	31
12/08/24 21:00	8	32	1	26	28	2	16.5	67	1.0	315	25
12/08/24 22:00	13	19	1	20	21	1	15.7	70	1.4	5	24
12/08/24 23:00	8	24	0	11	11	2	15.8	69	2.4	17	19
13/08/24 00:00	5	23	1	15	16	1	14.9	72	2.2	317	20
13/08/24 01:00	9	27	2	18	20	1	14.2	74	1.7	356	22
13/08/24 02:00	9	18					13.8	75	0.9	349	22
13/08/24 03:00	8	25	0	14	15	2	13.2	77	1.2	15	22
13/08/24 04:00	9	18	0	13	14	2	13.2	78	1.5	3	26
13/08/24 05:00	6	18	0	11	11	1	13.3	77	2.0	7	24
13/08/24 06:00	7	20	3	20	23	2	13.2	76	2.5	2	22
13/08/24 07:00	8	24	21	30	51	2	12.7	78	2.1	1	24
13/08/24 08:00	8	26	28	29	57	2	12.7	78	2.3	2	24
13/08/24 09:00	6	22	15	20	35	2	14.2	72	3.2	17	21
13/08/24 10:00	5	25	8	12	20	2	16.0	66	3.8	7	21
13/08/24 11:00	3	30	6	11	17	2	17.5	62	3.6	7	23
13/08/24 12:00	2	21	5	9	14	2	18.8	58	3.7	5	24
13/08/24 13:00	1	27	4	8	12	2	19.9	54	3.7	11	23
13/08/24 14:00	1	19	3	7	11	2	20.8	52	3.3	8	26
13/08/24 15:00	4	17	3	7	10	2	21.1	50	3.1	2	28
13/08/24 16:00	4	21	2	7	9	2	21.2	50	3.0	354	30
13/08/24 17:00	4	17	2	8	10	2	20.5	54	2.9	13	25
13/08/24 18:00	6	21	1	9	10	2	19.5	59	3.2	21	19
13/08/24 19:00	6	18	1	10	11	2	18.4	64	2.4	12	23
13/08/24 20:00	6	14	0	12	13	2	17.5	67	1.7	1	26
13/08/24 21:00	4	22	1	22	23	2	16.6	70	1.8	9	24
13/08/24 22:00	5	18	1	15	15	2	16.2	70	2.2	20	20
13/08/24 23:00	6	19	1	14	14	2	15.7	73	2.0	16	22
14/08/24 00:00	4	16	1	12	12	2	15.5	75	2.0	15	24
14/08/24 01:00	3	20	0	9	9	1	15.5	76	2.5	5	20
14/08/24 02:00	5	14					15.4	76	2.4	8	23
14/08/24 03:00	4	13	0	7	7	1	15.0	77	1.7	10	23
14/08/24 04:00	3	16	0	7	7	1	15.0	77	1.8	13	22
14/08/24 05:00	3	11	0	8	9	1	15.3	76	2.0	359	24
14/08/24 06:00	3	16	0	12	13	1	15.5	75	2.1	5	23

Station Pier Ambient Air Quality Monitoring											
August 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/08/24 07:00	5	11	1	13	13	1	16.0	71	2.6	13	20
14/08/24 08:00	2	21	4	22	26	1	16.0	72	2.6	25	19
14/08/24 09:00	0	28	10	19	29	1	17.1	69	2.9	16	21
14/08/24 10:00	3	34	7	19	26	1	17.5	70	2.3	16	24
14/08/24 11:00	3	25	7	16	23	1	18.2	69	2.9	15	19
14/08/24 12:00	2	26	6	11	17	0	20.3	60	2.9	13	22
14/08/24 13:00	3	19	4	9	13	1	21.4	55	2.8	9	25
14/08/24 14:00	2	27	5	12	16	1	21.4	54	2.7	17	22
14/08/24 15:00	-1	24	5	10	15	0	22.2	51	3.5	18	20
14/08/24 16:00	-1	29	4	10	14	1	22.6	48	3.4	22	21
14/08/24 17:00	0	28	4	11	14	1	22.1	49	3.3	20	20
14/08/24 18:00	2	18	2	12	13	0	20.7	53	3.0	17	22
14/08/24 19:00	3	18	1	13	14	0	19.1	63	3.1	15	20
14/08/24 20:00	3	17	1	11	12	0	18.1	69	3.3	19	19
14/08/24 21:00	4	24	0	9	9	0	17.5	72	3.6	22	20
14/08/24 22:00	2	13	0	10	11	0	17.0	77	2.6	24	20
14/08/24 23:00	2	12	0	10	11	1	16.6	79	2.6	22	21
15/08/24 00:00	3	12	0	10	10	0	16.1	81	2.3	20	19
15/08/24 01:00	3	7	1	7	8	1	16.2	77	3.0	22	17
15/08/24 02:00	2	8					16.1	79	2.6	16	20
15/08/24 03:00	7	9	0	6	6	2	15.9	81	2.1	15	23
15/08/24 04:00	2	11	0	4	5	2	16.0	79	2.9	18	21
15/08/24 05:00	-3	10	0	5	5	2	15.8	78	3.0	24	18
15/08/24 06:00	1	8	0	5	6	2	15.6	77	3.3	19	20
15/08/24 07:00	3	9	0	9	10	2	15.5	74	2.8	9	22
15/08/24 08:00	7	16	3	18	21	1	15.3	76	2.5	26	19
15/08/24 09:00	6	19	5	15	20	2	15.9	72	3.2	20	20
15/08/24 10:00	3	20	6	12	18	2	17.3	67	3.5	25	16
15/08/24 11:00	-1	22	6	10	16	2	18.7	61	3.2	28	19
15/08/24 12:00	0	25	4	10	14	2	20.0	57	3.4	34	16
15/08/24 13:00	1	25	4	12	16	2	20.8	54	2.6	25	20
15/08/24 14:00	-1	23	4	14	18	2	21.3	52	2.6	22	19
15/08/24 15:00	1	26	3	14	17	2	20.6	57	3.0	34	16
15/08/24 16:00	1	17	4	12	16	2	21.0	54	2.8	32	19
15/08/24 17:00	0	23	3	13	16	2	21.7	53	2.9	36	16
15/08/24 18:00	0	18	2	13	15	2	21.0	56	2.5	24	19
15/08/24 19:00	1	23	1	14	14	2	19.8	60	2.1	16	20
15/08/24 20:00	3	22	1	18	19	2	18.9	63	1.6	11	22
15/08/24 21:00	3	16	1	15	16	2	18.5	65	2.7	27	18
15/08/24 22:00	2	16	1	10	11	2	17.9	64	2.6	21	19
15/08/24 23:00	3	11	0	8	8	2	18.0	62	3.0	23	20
16/08/24 00:00	3	15	0	7	7	2	17.4	62	2.5	11	20
16/08/24 01:00	3	14	0	10	10	1	16.2	64	2.2	2	20
16/08/24 02:00	4	17					16.7	63	2.8	40	15
16/08/24 03:00	2	13	0	6	6	1	16.1	67	2.3	45	17
16/08/24 04:00	1	13	0	6	6	1	16.4	66	1.4	3	21
16/08/24 05:00	1	12	0	7	7	1	17.1	64	3.1	19	21
16/08/24 06:00	4	15	0	6	6	1	17.3	66	2.9	24	19
16/08/24 07:00	2	19	1	15	16	1	16.9	71	2.2	354	29
16/08/24 08:00	0	20	1	12	13	1	16.7	75	3.4	19	20
16/08/24 09:00	4	23	1	10	11	1	16.7	77	4.0	5	22
16/08/24 10:00	3	18	2	12	14	1	16.9	75	2.9	353	27
16/08/24 11:00	-1	14	3	9	12	1	16.5	76	3.1	353	28
16/08/24 12:00	1	20	5	10	15	1	16.7	74	3.5	16	21
16/08/24 13:00	2	16	5	9	13	1	17.0	71	4.3	27	16
16/08/24 14:00	-1	20	3	12	14	1	17.0	66	2.9	14	24
16/08/24 15:00	2	17	3	14	17	1	17.0	64	2.3	335	31
16/08/24 16:00	0	13	1	9	11	1	16.8	60	2.8	323	28
16/08/24 17:00	-3	14	1	8	10	1	17.0	59	2.4	333	31
16/08/24 18:00	-1	18	1	11	12	1	16.5	61	1.9	340	28
16/08/24 19:00	1	17	1	13	13	0	15.9	67	2.8	5	23
16/08/24 20:00	3	11	1	13	14	0	15.7	68	2.2	357	27
16/08/24 21:00	2	12	0	11	11	0	15.3	72	2.4	355	27
16/08/24 22:00	-1	14	0	9	10	0	13.6	80	2.0	4	25
16/08/24 23:00	0	12	0	11	11	0	12.9	81	2.2	11	24
17/08/24 00:00	3	7	0	11	12	1	13.0	82	2.2	8	23
17/08/24 01:00	2	7	0	11	11	1	13.2	80	2.0	355	27
17/08/24 02:00	1	8					13.2	76	1.6	352	30
17/08/24 03:00	-1	8	0	8	9	0	12.7	78	1.5	360	29
17/08/24 04:00	0	9	0	6	6	1	12.4	79	1.8	358	26
17/08/24 05:00	0	7	0	7	7	1	11.9	81	1.7	0	26
17/08/24 06:00	-1	10	0	9	9	0	11.9	80	1.4	345	32
17/08/24 07:00	-1	7	0	9	9	1	11.9	79	1.7	1	25
17/08/24 08:00	-2	17	0	11	11	1	12.0	80	1.7	12	24
17/08/24 09:00	0	11	3	13	16	0	12.2	81	1.9	19	21
17/08/24 10:00	2	13	3	14	17	1	12.2	82	1.6	2	24
17/08/24 11:00	1	8	5	16	21	1	12.3	85	0.9	329	28
17/08/24 12:00	-2	10	3	10	13	1	12.8	78	0.8	268	18
17/08/24 13:00	0	9	3	8	11	1	14.1	71	1.2	193	15
17/08/24 14:00	-1	6	2	5	7	1	13.5	75	2.4	203	5
17/08/24 15:00	-3	12	2	4	6	1	13.9	71	2.1	206	4
17/08/24 16:00	-2	12	1	3	5	1	15.3	69	1.8	190	16
17/08/24 17:00	3	10	1	4	5	1	14.2	77	1.8	201	11
17/08/24 18:00	-1	8	0	2	2	1	13.4	87	1.2	193	15
17/08/24 19:00	-5	12	0	2	2	1	12.9	91	1.7	203	8
17/08/24 20:00	-2	12	0	4	4	1	12.8	92	2.3	230	5
17/08/24 21:00	3	13	0	5	5	1	12.9	92	1.5	241	6
17/08/24 22:00	8	13	0	15	15	1	12.9	92	2.2	256	6
17/08/24 23:00	5	18	1	14	15	1	13.0	90	3.9	242	6
18/08/24 00:00	5	17	2	20	22	1	13.1	90	4.0	241	8
18/08/24 01:00	4	17	1	10	12	1	12.9	92	4.1	238	6
18/08/24 02:00	1	15					12.9	94	3.8	227	4
18/08/24 03:00	1	10	0	5	5	1	12.9	95	1.7	191	15
18/08/24 04:00	1	10	0	2	1	1	12.9	94	1.8	179	19
18/08/24 05:00	-1	10	0	1	1	1	12.8	94	1.4	170	19
18/08/24 06:00	1	8	0	3	3	1	12.6	95	2.2	202	5
18/08/24 07:00	1	7	0	2	2	1	12.2	94	1.3	176	25
18/08/24 08:00	3	9	0	2	2	1	12.2	94	1.1	171	16
18/08/24 09:00	4	17	1	4	5	1	13.6	81	1.6	138	22
18/08/24 10:00	2	21	3	7	10	1	14.2	76	1.2	200	13
18/08/24 11:00	5	18	3	6	9	1	13.5	80	2.7	199	5
18/08/24 12:00	8	20	1	2	4	1	13.4	82	2.7	202	4
18/08/24 13:00	6	17	1	2	3	1	13.8	81	3.5	207	4
18/08/24 14:00	4	24	1	3	3	1	13.8	81	4.4	221	4
18/08/24 15:00	5	23	1	5	6	1	13.6	81	5.2	212	4
18/08/24 16:00	5	21	1	3	4	1	13.7	84	4.7	204	3

Station Pier Ambient Air Quality Monitoring											
August 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/08/24 17:00	5	21	1	5	6	1	13.8	82	4.1	200	5
18/08/24 18:00	4	22	1	4	5	1	13.4	87	2.0	196	11
18/08/24 19:00	4	22	0	8	8	1	12.7	92	0.4	127	33
18/08/24 20:00	4	20	0	7	7	1	12.6	92	1.4	120	14
18/08/24 21:00	5	23	0	9	9	1	12.8	84	1.6	123	20
18/08/24 22:00	5	23	0	7	7	1	12.3	86	1.7	126	16
18/08/24 23:00	6	25	1	18	18	1	11.3	89	0.4	103	30
19/08/24 00:00	7	26	9	26	36	1	10.6	90	0.5	43	13
19/08/24 01:00	14	34	40	27	67	1	10.2	91	0.8	324	21
19/08/24 02:00	11	29					9.4	92	1.2	333	18
19/08/24 03:00	12	32	30	23	53	1	8.9	93	1.3	349	15
19/08/24 04:00	10	29	18	20	38	1	8.5	93	1.5	354	19
19/08/24 05:00	8	14	7	18	25	1	8.4	98	1.2	349	32
19/08/24 06:00	12	14	15	21	37	1	8.4	99	0.9	356	24
19/08/24 07:00	8	14	7	20	27	1	8.5	99	1.1	19	22
19/08/24 08:00	6	19	18	20	38	1	8.7	99	0.8	17	26
19/08/24 09:00	10	22	28	21	49	1	9.0	99	0.2	81	29
19/08/24 10:00	16	29	34	20	54	1	10.9	89	0.8	159	25
19/08/24 11:00	16	27	29	17	46	1	12.5	80	0.9	158	36
19/08/24 12:00	12	27	20	14	34	1	13.1	79	1.2	167	26
19/08/24 13:00	11	20	15	13	28	1	14.3	77	1.2	167	26
19/08/24 14:00	9	19	11	12	23	1	16.6	69	0.6	357	29
19/08/24 15:00	5	13	3	6	9	1	18.6	58	2.7	353	28
19/08/24 16:00	2	13	3	6	9	1	18.3	57	2.7	323	29
19/08/24 17:00	1	12	2	8	10	1	17.7	59	2.4	322	27
19/08/24 18:00	2	12	2	12	13	1	17.2	61	1.4	325	30
19/08/24 19:00	3	22	3	21	25	1	16.4	65	1.1	339	32
19/08/24 20:00	4	17	7	23	30	1	15.6	69	1.2	13	21
19/08/24 21:00	5	13	1	13	14	1	15.4	71	1.4	23	18
19/08/24 22:00	6	15	1	17	17	1	14.6	74	1.6	78	14
19/08/24 23:00	4	11	0	14	14	1	14.2	76	2.3	76	14
20/08/24 00:00	2	9	0	12	12	1	14.1	75	2.5	77	14
20/08/24 01:00	3	10	5	11	17	1	14.0	77	0.8	51	30
20/08/24 02:00	4	15					13.3	82	0.4	286	18
20/08/24 03:00	4	16	36	20	56	1	12.8	86	0.8	257	11
20/08/24 04:00	6	19	35	21	56	1	12.5	85	0.4	42	26
20/08/24 05:00	3	12	7	14	22	1	13.6	79	1.8	25	20
20/08/24 06:00	1	13	1	11	12	1	14.1	76	1.8	2	22
20/08/24 07:00	2	15	2	17	19	1	14.2	76	2.4	10	20
20/08/24 08:00	2	14	5	19	24	1	14.7	76	3.9	43	15
20/08/24 09:00	2	16	4	12	16	1	16.1	67	3.7	23	21
20/08/24 10:00	2	22	4	11	14	1	16.7	63	3.9	12	23
20/08/24 11:00	1	21	3	14	17	1	16.2	64	3.1	1	28
20/08/24 12:00	3	17	4	14	18	1	15.1	73	3.3	7	24
20/08/24 13:00	2	16	3	10	13	1	15.6	72	4.2	24	20
20/08/24 14:00	-2	10	3	10	13	1	15.9	72	3.5	16	20
20/08/24 15:00	-3	9	2	8	10	0	16.4	67	4.3	23	19
20/08/24 16:00	-3	8	3	8	11	1	17.4	63	4.2	25	17
20/08/24 17:00	-3	15	2	6	7	1	18.4	54	3.4	11	24
20/08/24 18:00	-2	14	1	7	8	1	17.9	57	3.2	20	20
20/08/24 19:00	0	18	1	12	13	1	17.0	62	2.0	320	23
20/08/24 20:00	1	10	1	12	13	1	16.4	68	2.8	352	26
20/08/24 21:00	2	17	1	11	13	1	16.6	69	2.5	348	31
20/08/24 22:00	6	15	2	12	13	1	16.2	76	2.2	347	31
20/08/24 23:00	5	7	0	7	7	1	15.7	79	2.7	7	25
21/08/24 00:00	2	7	0	8	9	0	15.4	78	2.1	0	28
21/08/24 01:00	0	18	1	11	12	1	15.2	81	1.4	333	28
21/08/24 02:00	3	8					15.0	81	1.7	332	25
21/08/24 03:00	3	12	1	10	10	1	14.7	82	1.6	326	25
21/08/24 04:00	2	11	1	14	15	1	14.1	84	1.1	341	14
21/08/24 05:00	1	12	1	15	16	1	14.3	81	2.1	325	15
21/08/24 06:00	0	9	6	17	23	1	14.0	82	2.3	295	13
21/08/24 07:00	0	10	14	25	39	1	13.8	80	1.8	304	15
21/08/24 08:00	1	23	34	27	61	1	13.5	78	1.6	328	20
21/08/24 09:00	3	14	28	27	55	1	14.6	71	2.2	305	13
21/08/24 10:00	4	21	12	23	35	1	15.2	69	1.7	286	18
21/08/24 11:00	2	13	6	9	15	1	16.4	63	2.9	288	19
21/08/24 12:00	1	18	3	8	12	1	16.9	57	4.0	279	13
21/08/24 13:00	1	17	2	10	12	0	17.5	55	3.5	283	15
21/08/24 14:00	-1	16	2	8	10	0	18.0	54	4.2	285	15
21/08/24 15:00	-3	13	2	8	11	0	18.4	53	3.5	283	15
21/08/24 16:00	0	21	4	13	17	0	16.4	75	2.2	265	18
21/08/24 17:00	1	11	6	14	20	0	17.9	64	2.7	291	16
21/08/24 18:00	-1	14	3	19	21	0	17.6	63	1.8	312	20
21/08/24 19:00	2	13	10	28	38	0	16.1	71	1.2	339	27
21/08/24 20:00	6	21	8	18	26	1	15.3	76	2.4	300	16
21/08/24 21:00	6	19	5	26	31	0	14.8	79	1.2	339	27
21/08/24 22:00	4	13	5	22	28	0	14.7	76	1.5	333	28
21/08/24 23:00	1	12	2	21	22	0	14.0	75	1.6	350	26
22/08/24 00:00	1	16	4	24	29	0	13.7	76	1.6	356	26
22/08/24 01:00	2	14	3	20	23	2	13.7	77	1.6	352	30
22/08/24 02:00	3	13					13.9	74	1.4	332	30
22/08/24 03:00	2	17	3	19	23	2	14.0	72	1.8	313	18
22/08/24 04:00	2	7	0	6	7	2	13.8	72	2.5	310	12
22/08/24 05:00	3	8	0	7	8	2	13.4	73	2.2	315	10
22/08/24 06:00	5	19	14	22	36	2	13.1	73	1.5	323	18
22/08/24 07:00	4	26	35	26	62	2	12.7	76	1.3	327	23
22/08/24 08:00	6	30	59	31	90	3	12.4	78	1.3	346	25
22/08/24 09:00	8	22	45	25	70	3	13.6	73	1.6	341	29
22/08/24 10:00	5	19	17	16	33	3	15.1	65	2.6	308	19
22/08/24 11:00	3	17	4	6	10	2	16.2	55	3.3	290	19
22/08/24 12:00	2	15	2	5	7	2	16.6	50	3.8	284	15
22/08/24 13:00	2	15	2	5	7	1	17.2	46	4.8	276	13
22/08/24 14:00	3	13	2	6	8	2	17.2	46	4.9	270	11
22/08/24 15:00	2	13	2	5	7	2	18.2	40	5.1	277	12
22/08/24 16:00	1	16	2	5	7	2	18.4	40	4.7	279	12
22/08/24 17:00	3	17	2	7	8	2	18.3	42	4.5	279	12
22/08/24 18:00	2	16	2	14	16	2	17.7	44	3.8	279	12
22/08/24 19:00	2	17	1	19	20	2	17.1	46	1.9	303	14
22/08/24 20:00	4	34	5	31	36	2	16.1	50	1.1	327	28
22/08/24 21:00	5	31	6	28	34	2	15.1	56	1.4	350	27
22/08/24 22:00	3	28	2	23	25	2	14.6	61	1.6	329	28
22/08/24 23:00	3	27	2	22	25	2	14.0	65	1.3	337	31
23/08/24 00:00	3	20	1	18	19	2	13.7	68	1.5	329	28
23/08/24 01:00	2	16	1	16	17	1	13.3	71	1.6	350	27
23/08/24 02:00	2	10					13.1	74	1.4	9	25

Station Pier Ambient Air Quality Monitoring											
August 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/08/24 03:00	1	12	0	9	9	1	12.5	78	1.6	360	23
23/08/24 04:00	1	14	0	8	8	1	12.5	79	1.7	356	24
23/08/24 05:00	3	12	2	16	18	1	12.4	80	1.6	349	27
23/08/24 06:00	3	19	8	22	30	1	12.5	80	1.7	3	25
23/08/24 07:00	2	19	5	21	25	1	12.8	80	2.1	12	24
23/08/24 08:00	2	20	4	18	21	1	13.4	76	3.4	10	21
23/08/24 09:00	2	25	6	16	22	1	14.0	72	3.6	10	21
23/08/24 10:00	3	24	6	12	19	1	14.8	68	3.2	9	22
23/08/24 11:00	1	22	6	10	16	1	16.5	61	2.6	348	26
23/08/24 12:00	0	21	4	7	10	1	18.4	53	3.0	351	31
23/08/24 13:00	0	23	3	6	9	1	18.5	51	3.4	351	32
23/08/24 14:00	-1	24	3	6	9	0	19.1	50	3.8	3	28
23/08/24 15:00	0	23	3	8	11	0	19.3	51	3.3	358	28
23/08/24 16:00	0	24	3	11	14	0	18.7	54	3.5	3	27
23/08/24 17:00	0	20	2	11	12	0	18.1	60	3.6	10	24
23/08/24 18:00	1	18	1	10	11	0	16.5	73	3.4	25	17
23/08/24 19:00	1	16	1	14	15	0	16.3	74	2.8	37	17
23/08/24 20:00	-1	11	1	8	9	0	16.9	67	3.7	43	16
23/08/24 21:00	-4	10	0	6	7	0	17.3	61	3.4	28	17
23/08/24 22:00	-1	18	0	5	5	0	17.7	59	2.9	5	26
23/08/24 23:00	2	10	0	5	5	0	16.1	73	5.0	23	19
24/08/24 00:00	0	14	0	3	3	0	16.7	67	5.4	22	21
24/08/24 01:00	-1	22	0	2	2	1	17.5	62	5.4	21	21
24/08/24 02:00	-1	13					17.9	60	6.1	10	22
24/08/24 03:00	-1	10	0	3	3	1	17.6	61	3.6	353	29
24/08/24 04:00	3	10	0	4	4	1	17.3	63	2.8	344	28
24/08/24 05:00	2	14	0	4	4	1	17.1	63	3.3	3	24
24/08/24 06:00	1	10	0	5	5	1	16.9	64	3.8	6	23
24/08/24 07:00	1	12	0	6	7	1	16.2	68	3.2	355	30
24/08/24 08:00	0	13	1	8	9	1	16.2	68	3.2	3	24
24/08/24 09:00	2	15	3	8	11	1	17.1	64	2.4	346	26
24/08/24 10:00	2	13	3	6	10	1	17.7	62	2.5	318	24
24/08/24 11:00	1	14	2	5	7	1	18.2	60	2.5	310	23
24/08/24 12:00	0	12	2	4	6	1	19.1	59	2.1	318	30
24/08/24 13:00	1	17	2	4	6	1	19.9	54	1.9	357	32
24/08/24 14:00	1	13	1	4	5	1	21.0	50	2.4	330	31
24/08/24 15:00	1	12	1	4	5	1	21.7	48	2.4	330	29
24/08/24 16:00	1	18	1	3	4	1	22.4	45	2.8	316	24
24/08/24 17:00	5	15	1	4	5	1	22.1	48	2.3	331	30
24/08/24 18:00	6	21	1	6	7	1	21.0	55	2.1	343	31
24/08/24 19:00	6	20	0	9	9	1	19.7	59	2.1	326	26
24/08/24 20:00	5	25	1	12	12	1	18.6	64	2.0	358	26
24/08/24 21:00	4	18	1	12	13	2	17.6	69	2.0	358	25
24/08/24 22:00	7	18	1	12	13	2	17.2	70	1.9	1	24
24/08/24 23:00	13	18	2	12	14	2	16.7	72	1.2	29	22
25/08/24 00:00	7	22	2	11	13	2	16.5	72	1.7	30	17
25/08/24 01:00	3	19	1	8	10	2	16.4	73	1.9	29	17
25/08/24 02:00	5	16					16.2	73	2.0	34	17
25/08/24 03:00	6	18	1	6	7	1	15.1	76	1.8	57	16
25/08/24 04:00	6	15	0	5	5	1	14.5	79	1.1	42	14
25/08/24 05:00	4	10	0	5	5	1	14.5	78	1.2	34	24
25/08/24 06:00	2	10	0	4	4	1	15.3	73	2.6	19	21
25/08/24 07:00	3	15	0	5	5	1	14.9	74	1.2	20	27
25/08/24 08:00	2	12	1	8	9	1	14.8	72	1.4	12	20
25/08/24 09:00	1	14	2	10	12	1	15.8	66	1.8	24	19
25/08/24 10:00	0	14	2	8	10	2	18.2	54	2.8	27	19
25/08/24 11:00	-1	11	2	7	9	2	20.1	49	2.8	17	20
25/08/24 12:00	-2	12	2	6	8	1	21.0	49	3.5	10	25
25/08/24 13:00	-1	20	1	4	5	1	21.7	57	4.3	0	29
25/08/24 14:00	0	14	2	4	6	1	23.1	56	2.7	341	32
25/08/24 15:00	-3	17	2	5	7	2	24.3	51	3.3	339	30
25/08/24 16:00	-2	15	1	5	6	1	23.2	54	3.5	316	23
25/08/24 17:00	0	16	1	10	11	1	20.9	66	3.0	293	15
25/08/24 18:00	1	6	2	16	18	1	19.2	76	1.3	322	26
25/08/24 19:00	4	34	5	12	17	1	16.2	82	4.2	274	20
25/08/24 20:00	6	10	0	7	7	1	15.2	83	2.7	287	15
25/08/24 21:00	4	10	0	7	8	1	15.3	68	2.5	286	15
25/08/24 22:00	4	9	0	6	6	1	14.7	64	3.6	291	14
25/08/24 23:00	4	9	0	7	8	1	14.4	65	4.2	286	14
26/08/24 00:00	3	11	0	7	7	1	14.2	65	4.0	291	14
26/08/24 01:00	2	13	0	4	4	1	14.2	66	2.9	295	16
26/08/24 02:00	1	13					14.2	66	3.3	302	15
26/08/24 03:00	2	14	1	12	13	2	14.1	66	1.6	328	30
26/08/24 04:00	3	13	0	4	5	2	14.6	68	3.4	294	17
26/08/24 05:00	1	16	0	5	5	2	14.4	74	3.5	289	15
26/08/24 06:00	2	12	0	9	9	1	14.1	78	3.5	289	14
26/08/24 07:00	3	11	1	14	15	2	14.7	72	4.3	288	14
26/08/24 08:00	4	18	3	18	21	2	14.8	69	3.8	286	14
26/08/24 09:00	2	17	4	13	17	2	15.1	68	5.3	268	11
26/08/24 10:00	0	15	2	8	10	2	14.5	73	5.5	266	10
26/08/24 11:00	1	15	2	7	9	2	15.0	71	4.9	264	10
26/08/24 12:00	2	15	3	8	11	2	15.7	65	4.6	266	12
26/08/24 13:00	1	10	2	5	7	2	16.8	56	7.3	274	10
26/08/24 14:00	0	14	2	4	6	2	16.7	56	7.0	265	9
26/08/24 15:00	1	14	2	6	8	2	17.5	54	5.8	265	9
26/08/24 16:00	2	20	3	9	12	2	18.3	54	5.3	271	9
26/08/24 17:00	2	17	1	7	8	2	18.1	54	6.3	266	7
26/08/24 18:00	1	9	1	10	11	2	18.3	52	3.2	289	15
26/08/24 19:00	2	16	1	13	14	2	17.9	56	2.0	323	26
26/08/24 20:00	1	13	1	16	17	2	17.5	57	3.2	307	17
26/08/24 21:00	-1	11	1	15	16	2	17.1	59	3.0	308	17
26/08/24 22:00	4	16	1	14	15	3	16.6	61	2.4	312	21
26/08/24 23:00	4	17	0	11	12	2	16.1	65	2.3	327	25
27/08/24 00:00	2	16	2	16	17	2	15.5	68	1.9	330	29
27/08/24 01:00	2	20	1	13	14	1	14.9	70	2.2	327	25
27/08/24 02:00	3	15					14.6	69	1.8	336	31
27/08/24 03:00	2	17	0	10	10	1	14.3	69	2.3	2	23
27/08/24 04:00	3	19	0	8	8	1	14.2	67	2.5	6	23
27/08/24 05:00	3	11	0	5	5	1	13.9	71	3.0	16	21
27/08/24 06:00	1	16	1	6	7	1	14.1	71	3.4	13	21
27/08/24 07:00	0	18	2	15	17	1	14.1	73	2.2	345	34
27/08/24 08:00	0	17	3	16	19	1	14.9	68	3.1	358	26
27/08/24 09:00	2	24	2	11	14	1	15.3	70	3.7	2	24
27/08/24 10:00	1	18	4	11	14	1	16.1	65	3.7	0	28
27/08/24 11:00	-1	23	4	9	13	1	17.1	61	3.9	7	25
27/08/24 12:00	1	18	3	7	10	1	18.0	54	3.9	356	30

Station Pier Ambient Air Quality Monitoring											
August 2024											
1-Hour Data											
Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/08/24 13:00	1	27	2	6	9	1	18.9	52	3.7	341	31
27/08/24 14:00	1	27	2	6	8	1	19.2	53	3.8	333	32
27/08/24 15:00	4	52	2	7	9	1	19.6	53	4.3	345	33
27/08/24 16:00	3	130	2	5	7	1	20.1	51	4.9	328	29
27/08/24 17:00	2	25	1	6	7	1	20.4	51	4.2	332	31
27/08/24 18:00	3	37	1	8	9	1	20.4	50	3.5	339	35
27/08/24 19:00	2	21	1	9	9	1	20.1	50	3.4	342	32
27/08/24 20:00	0	15	0	7	8	1	19.5	53	3.9	0	29
27/08/24 21:00	0	15	0	8	8	1	19.2	54	4.3	3	24
27/08/24 22:00	1	26	0	7	7	1	19.1	52	4.9	0	25
27/08/24 23:00	3	31	1	6	6	1	18.8	50	4.6	355	30
28/08/24 00:00	4	19	0	4	4	1	18.6	47	5.2	11	22
28/08/24 01:00	1	21	0	5	5	1	19.0	41	3.3	347	29
28/08/24 02:00	-1	34					20.5	34	5.5	308	19
28/08/24 03:00	0	26	0	4	4	0	17.4	60	7.5	259	11
28/08/24 04:00	-1	8	0	4	4	0	15.1	79	7.4	269	9
28/08/24 05:00	1	11	0	7	7	1	15.5	70	4.7	291	14
28/08/24 06:00	3	16	0	5	5	1	15.8	55	6.4	288	14
28/08/24 07:00	5	19	0	10	10	1	15.3	56	7.0	286	13
28/08/24 08:00	9	33	1	14	15	1	14.8	56	5.6	287	15
28/08/24 09:00	7	40	4	14	17	1	15.1	49	6.1	282	13
28/08/24 10:00	5	82	3	8	11	1	15.4	51	9.3	273	11
28/08/24 11:00	6	32	3	6	8	1	15.6	49	8.4	278	11
28/08/24 12:00	4	65	2	4	6	1	16.4	40	11.8	269	9
28/08/24 13:00	7	85	1	3	4	0	16.6	41	13.8	269	8
28/08/24 14:00	6	50	1	4	5	0	16.6	43	10.4	272	10
28/08/24 15:00	9	52	1	4	5	1	17.7	38	11.2	277	11
28/08/24 16:00	9	152	1	4	5	1	17.2	43	12.8	266	9
28/08/24 17:00	6	33	1	6	8	1	13.4	70	12.1	254	9
28/08/24 18:00	3	20	1	5	5	1	12.7	68	8.0	274	10
28/08/24 19:00	6	32	0	10	10	1	12.9	64	5.1	283	13
28/08/24 20:00	8	31	1	17	18	1	12.7	63	4.2	290	13
28/08/24 21:00	13	34	0	12	12	1	12.6	60	3.6	290	13
28/08/24 22:00	9	27	0	11	11	1	12.4	62	3.1	299	14
28/08/24 23:00	9	31	0	10	10	1	12.3	64	3.2	299	16
29/08/24 00:00	8	29	0	8	8	1	12.2	65	2.9	301	14
29/08/24 01:00	6	30	0	8	8	2	12.2	65	3.0	307	13
29/08/24 02:00	6	33					12.3	64	3.5	307	13
29/08/24 03:00	8	28	0	6	6	2	12.4	64	3.2	303	14
29/08/24 04:00	8	33	0	5	5	2	12.5	65	2.9	298	14
29/08/24 05:00	8	29	0	8	8	2	12.4	63	2.3	314	19
29/08/24 06:00	10	38	1	18	19	2	12.3	63	2.0	315	20
29/08/24 07:00	8	38	2	23	25	2	12.3	64	1.9	311	18
29/08/24 08:00	9	31	6	27	33	2	12.2	68	1.9	340	32
29/08/24 09:00	8	29	14	24	37	3	12.7	66	2.0	335	28
29/08/24 10:00	8	27	8	15	23	3	13.6	64	2.1	324	28
29/08/24 11:00	6	16	5	11	16	3	14.5	60	3.6	307	19
29/08/24 12:00	2	18	3	7	10	3	15.2	58	3.4	316	25
29/08/24 13:00	6	23	2	6	9	3	15.6	58	3.4	329	29
29/08/24 14:00	4	22	2	7	10	2	16.1	58	3.5	318	24
29/08/24 15:00	3	20	3	10	12	2	16.3	59	2.7	322	27
29/08/24 16:00	6	27	2	7	10	2	17.3	54	2.9	332	30
29/08/24 17:00	5	35	2	8	10	2	18.0	49	3.4	327	29
29/08/24 18:00	3	27	1	8	9	2	17.5	49	3.4	327	30
29/08/24 19:00	3	28	1	11	11	2	16.7	53	3.2	359	28
29/08/24 20:00	5	26	0	8	9	2	16.5	53	4.4	5	23
29/08/24 21:00	7	27	0	6	7	2	16.4	52	5.2	8	23
29/08/24 22:00	6	41	0	5	6	2	17.0	49	5.9	8	22
29/08/24 23:00	6	49	0	4	5	2	17.3	46	5.9	5	24
30/08/24 00:00	8	47	0	4	5	2	17.3	46	5.5	356	30
30/08/24 01:00	6	48	0	3	3	2	16.9	49	6.2	3	26
30/08/24 02:00	6	42					16.8	51	5.7	0	29
30/08/24 03:00	6	27	0	5	5	2	16.7	52	4.7	340	31
30/08/24 04:00	6	27	1	5	5	2	16.6	53	4.4	335	32
30/08/24 05:00	6	21	1	5	5	2	16.1	58	3.8	328	28
30/08/24 06:00	5	21	1	6	6	1	15.2	68	5.2	284	19
30/08/24 07:00	6	15	0	9	9	2	15.6	62	6.8	277	10
30/08/24 08:00	5	22	9	21	30	1	15.0	67	4.3	285	14
30/08/24 09:00	3	30	9	16	25	1	15.8	59	4.1	288	15
30/08/24 10:00	2	28	4	9	13	1	16.5	53	5.3	280	15
30/08/24 11:00	6	27	3	6	8	1	16.9	48	7.6	279	11
30/08/24 12:00	7	28	2	5	7	1	17.5	41	8.5	278	10
30/08/24 13:00	5	26	2	4	6	1	18.2	34	9.5	275	11
30/08/24 14:00	3	28	2	4	6	1	18.6	32	8.8	274	10
30/08/24 15:00	3	26	1	5	6	1	18.7	37	6.8	272	10
30/08/24 16:00	4	25	1	6	7	1	18.9	41	5.2	290	15
30/08/24 17:00	4	21	2	10	12	1	18.1	48	3.5	313	23
30/08/24 18:00	3	18	1	7	7	1	17.1	52	4.4	293	16
30/08/24 19:00	2	13	0	8	8	1	16.5	49	3.2	298	17
30/08/24 20:00	3	17	0	9	9	1	16.2	51	3.5	306	16
30/08/24 21:00	2	18	0	7	7	1	15.9	51	3.6	301	16
30/08/24 22:00	0	12	0	4	5	1	15.5	50	4.1	296	16
30/08/24 23:00	2	19	0	5	5	1	15.2	53	4.2	300	17
31/08/24 00:00	1	14	0	4	5	1	15.0	53	3.8	305	17
31/08/24 01:00	2	15	0	4	4	1	14.7	56	4.4	305	16
31/08/24 02:00	4	15					14.2	60	4.8	306	14
31/08/24 03:00	3	15	0	4	4	1	14.5	58	5.2	301	16
31/08/24 04:00	2	12	0	2	2	1	14.2	62	4.2	301	18
31/08/24 05:00	3	16	0	2	2	1	14.7	61	5.0	289	15
31/08/24 06:00	2	13	0	6	6	1	14.6	62	3.4	296	18
31/08/24 07:00	-2	10	0	3	3	1	14.5	64	4.1	290	16
31/08/24 08:00	-1	19	0	6	6	2	14.8	61	3.2	301	18
31/08/24 09:00	4	19	1	5	6	2	15.7	54	4.5	297	17
31/08/24 10:00	5	17	1	5	6	1	16.1	52	4.1	296	19
31/08/24 11:00	4	14	2	8	9	2	16.5	53	4.0	295	16
31/08/24 12:00	3	19	1	5	6	2	17.1	50	4.0	297	16
31/08/24 13:00	3	12	2	5	7	2	18.1	45	4.2	305	20
31/08/24 14:00	2	18	1	5	5	2	18.1	46	5.3	307	18
31/08/24 15:00	3	15	1	4	5	2	17.9	52	6.3	308	17
31/08/24 16:00	3	13	1	4	5	2	17.6	54	4.8	312	22
31/08/24 17:00	4	18	1	5	6	2	18.2	53	5.4	309	19
31/08/24 18:00	3	17	1	6	7	2	18.6	46	5.5	307	16
31/08/24 19:00	0	15	0	7	7	2	18.1	46	4.6	309	19
31/08/24 20:00	2	13	0	7	8	2	17.7	49	3.0	336	29
31/08/24 21:00	3	11	0	6	6	2	17.6	50	4.2	313	21
31/08/24 22:00	3	16	0	5	5	2	16.8	54	3.8	319	25

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

Date/Time	PM _{2.5} (µg/m³)	PM ₁₀ (µg/m³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/08/24 23:00	4	14	0	5	5	2	15.9	58	3.0	322	29
01/09/24 00:00	3	14	0	4	4	2	16.0	57	3.1	326	29

Station Pier Ambient Air Quality Monitoring

August 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 (°)
8/1/2024	14	30	37	24	62	1	8.9	77	0.6	17	18
8/2/2024	4	20	9	14	23	1	11.5	63	2.3	13	24
8/3/2024	7	21	15	16	31	2	11.9	70	1.1	356	22
8/4/2024	15	30	32	21	53	1	10.0	75	0.4	43	18
8/5/2024	13	30	46	23	68	1	10.7	76	0.2	21	21
8/6/2024	3	17	6	15	21	1	12.7	66	2.1	322	24
8/7/2024	3	17	3	13	16	2	13.7	64	2.0	359	25
8/8/2024	1	19	1	10	11	2	13.9	63	3.4	3	26
8/9/2024	4	20	13	16	28	1	13.8	67	0.6	321	23
8/10/2024	7	23	18	18	36	1	12.9	74	0.2	73	20
8/11/2024	14	29	18	18	36	1	12.4	75	0.3	88	19
8/12/2024	6	24	11	16	27	1	15.3	64	1.5	348	28
8/13/2024	5	21	5	14	18	2	16.5	67	2.5	8	24
8/14/2024	2	20	3	12	14	1	18.0	67	2.7	16	21
8/15/2024	2	17	2	11	13	2	18.1	66	2.7	23	19
8/16/2024	1	15	1	10	11	1	16.2	70	2.5	6	24
8/17/2024	0	11	1	9	10	1	12.9	81	0.7	269	17
8/18/2024	4	18	1	6	7	1	12.9	87	2.0	198	13
8/19/2024	8	19	13	16	29	1	12.9	80	0.8	8	24
8/20/2024	2	14	5	12	17	1	15.5	72	2.5	12	23
8/21/2024	2	15	7	17	24	1	15.5	72	2.0	303	20
8/22/2024	3	19	9	16	25	2	15.3	60	2.3	298	20
8/23/2024	1	18	3	11	13	0	15.7	67	2.9	10	24
8/24/2024	3	16	1	6	8	1	18.5	61	2.5	351	26
8/25/2024	2	14	1	7	8	1	17.5	67	1.9	336	20
8/26/2024	2	14	1	10	11	2	15.9	64	3.8	282	15
8/27/2024	2	27	1	8	10	1	17.3	59	3.5	353	28
8/28/2024	6	40	1	7	8	1	15.2	55	7.0	277	13
8/29/2024	6	30	2	10	13	2	14.9	58	3.1	335	23
8/30/2024	4	24	2	7	9	1	16.6	50	4.7	296	18
8/31/2024	3	15	1	5	5	2	16.3	54	4.3	305	19

Valid Data Exception Table
August 2024
GHD Station Pier

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/08/24 00:00	01/09/24 00:00	Static offset of +1.0 ppb applied to correct SO ₂ baseline	SO ₂	AA	13/09/24
01/08/24 01:00	31/08/24 01:55	Automatic calibration checks occurring every night between 01:00 and 01:55 followed by intermittent instrument stabilisation	NO, NO ₂ , NO _x , SO ₂	AA	13/09/24
01/08/24 23:45	31/08/24 23:50	Automatic background checks from 23:45 to 23:50 every night	SO ₂	AA	13/09/24
07/08/24 07:15	07/08/24 10:00	Scheduled monthly maintenance followed by instrument stabilisation	All parameters	AA	13/09/24
08/08/24 01:00	08/08/24 14:10	Instrument fault - Possible power interruption followed by instrument stabilisation	All parameters	AA	13/09/24
08/08/24 14:15	08/08/24 14:40	Calibration checks and background checks were done remotely	NO, NO ₂ , NO _x , SO ₂	AA	13/09/24

Kunak VIC 6

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/08/24 16:55	31/08/24 11:35	Intermittent instrument fault - Data transmission error	NO ₂ , O ₃ , SO ₂	AA	13/09/24
07/08/24 12:00	07/08/24 12:00	Scheduled monthly maintenance	Nil	AA	13/09/24
08/08/24 10:35	08/08/24 13:35	Power interruption followed by instrument stabilisation	All parameters	AA	13/09/24

Kunak VIC 7- 40 Beacon Vista

Start Date	End Date	Reason	Change Details	User Name	Change Date
27/08/24 00:05	27/08/24 00:10	Instrument fault - Data transmission error	PM _{2.5} , PM ₁₀	AA	13/09/24

Kunak VIC 8 - Site 2

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/08/24 00:00	01/09/24 00:00	Sensor powered up in workshop after repair, testing before data collection begins	Nil	AA	13/09/24

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



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→ **The Power of Commitment**