



Station Pier Air Quality Monitoring Program

**Air Quality Monitoring Report – January
2024**

Ports Victoria

18 March 2024

→ **The Power of Commitment**



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Executive Summary

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, EPA and the local community with a greater understanding of local air quality from Station Pier operations by undertaking an air quality monitoring program for a period of twelve months to cover the cruise and non-cruise ship visit seasons, and seasonal weather variations. Since a previous study undertaken at Station Pier in 2016/2017, two significant events have occurred which have the potential to reduce sulphur dioxide emissions, and vessel emissions more broadly. These include the introduction of low-sulphur marine fuels in 2020 and the relocation of the TT line from Station Pier to Geelong in 2020. One of the aims of this air quality monitoring program is to provide data to assess the ambient air quality environment against the relevant standards as well as potential changes since the 2016/2017 study.

This air quality monitoring monthly report presents the analysis of monthly data collected by the Air Quality Monitoring Station (AQMS) located at Station Pier, 6 Waterfront Place, Port Melbourne Victoria. The validated monitoring data was provided by ACOEM, a NATA accredited company.

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.

The monitoring period for this report is 1 January 2024 to 31 January 2024. Observations of each of the above parameters during this monitoring period have been presented and, where relevant, compared against observations from the local EPA AQMSs and the adopted Air Pollution Assessment Criteria (APACs) from the EPA Publication 1961. Vessel presence at the port has also been considered.

Comparison against the EPA AQMS observations showed some positive correlation (0.49 to 0.7) for 24-hour average PM₁₀ concentrations and 1-hour average NO₂ concentrations. Minimal correlation was observed for PM_{2.5} and SO₂ concentrations. Average observed concentrations were higher when a vessel was in port compared with when no vessels were in port across all pollutants.

All observations during the month of January 2024 were lower than the adopted short term criteria (1-hour and 24-hour).

Glossary

Term	Meaning
ACOEM	Acoem Australasia (EcoTech Pty Ltd)
APACs	Air pollution assessment criteria
API	Application Programming Interface
AQMP	Air quality monitoring plan
AQMS	Air quality monitoring station
AWS	Automatic weather station
BAM	Beta Attenuation Monitor
BoM	Bureau of Meteorology
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.
EPA	Environment Protection Authority
EP Act	Environment Protection Amendment Act 2018
ERS	Environment Reference Standard
GED	General environmental duty
GHD	GHD Pty Ltd
NATA	National Association of Testing Authorities
NO ₂	Nitrogen dioxide
NO	Nitrogen oxide
NO _x	Nitrogen oxides
OHS	Occupational health and safety
PM _{2.5}	Particulate matter less than 2.5 µm in aerodynamic equivalent diameter
PM ₁₀	Particulate matter less than 10 µm in aerodynamic equivalent diameter
Sigma	Standard deviation of wind direction, can be used to calculate atmospheric stability
SO ₂	Sulphur dioxide
Vessel in port	Vessel berthed at Station Pier. Does not include vessels approaching or departing Station Pier.

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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, EPA and the local community with a greater understanding of local air quality from Station Pier operations by undertaking 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.

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 a NATA accredited company, and conduct all required maintenance and calibration of the monitoring equipment as well as validation of the collected data.

This air quality monitoring monthly report presents the analysis of monthly data collected by the Air Quality Monitoring Station (AQMS) located at Station Pier, 6 Waterfront Place, Port Melbourne Victoria, between 01 and 31 January 2024. The validated monitoring data (presented in Attachment 2) was provided by ACOEM.

1.1 Scope of work

The scope of this monthly report is summarised in Table 1.1.

Table 1.1 Scope of AQMP

Scope item no.	Scope of work	Description	Refer to section of AQMP
1	Project summary	Relevant modelling and monitoring activities that have occurred historically at Station Pier and the purpose of undertaking the current air quality monitoring program occurring between 2023 and 2024.	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 3
3	Parameters measured	Summary of monitoring equipment in the AQMS and the parameters and pollutants measured.	Section 4
4	Data information	Data availability and quality during the period	Section 5
5	Data review	Review of data during the period	Section 6
6	Data analysis	- Direct comparison of measurement data to the assessment criteria summarised in Section 3.3.1. - Assessment of regional air quality data in comparison to measurements undertaken at Station Pier.	Section 7
7	Summary	Summary of findings.	Section 8
8	NATA accredited data	Validated data provided by ACOEM	Appendix A

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. Project background

A previous air quality monitoring program was undertaken in the period 2016-17, which found that:

- Peak sulphur dioxide concentrations at the site corresponded with the presence of ships and were generally higher than concentrations recorded at the local EPA stations.
- Sulphur dioxide concentrations were lower than the Victoria State Environment Protection Policy (Air Quality Management) (SEPP AQM) intervention levels or the National Environment Protection Measure for Ambient Air Quality (AAQ NEPM) goal during the monitoring period. It is noted that the Victorian ERS and the AAQ NEPM have since been updated, and measurements from 2016-2017 would be above these levels.
- Peak sulphur dioxide concentrations occurred during Spirit of Tasmania movements near berth.
- Community concerns were noted that the siting/location of the station at ground level, close to vessels, was not representative of the exposure at elevated residences in the Beacon Cove community.

Since the study undertaken in 2017, two significant events have occurred which have the potential to reduce sulphur dioxide emissions, and vessel emissions more broadly. These include the introduction of low-sulphur marine fuels in 2020 and the relocation of the TT line from Station Pier to Geelong in 2020.

The location of the project is shown in Figure 2.1.



Figure 2.1 Air quality monitoring program location

3. Legislative Context

This section 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.

3.1 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.

3.2 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 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 3.1.

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

3.3 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.

3.3.1 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 3.1. Concentrations of each pollutant recorded by the Station Pier AQMS have been compared against these criteria to identify risk to the receiving environment.

Table 3.1 APACs relevant to the monitoring plan

Substance	Assessment criteria	Averaging time	Classification ¹	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		

¹ Substances are classified as per Schedule 4 of the Environmental Protection Regulations 2021

4. Methodology summary

4.1 Parameters measured

The AQMS was installed at Station Pier on 4 December 2023. Table 4.1 summarises the equipment included in the AQMS and the pollutants measured. A photograph of the AQMS is provided in Figure 4.1.

Table 4.1 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 2.1 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 _x)	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 4.1 *Photograph of AQMS*

4.2 **Monitoring period**

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

4.3 **Data analysis**

Data collected by the AQMS undergoes a NATA accreditation procedure undertaken by ACOEM to ensure all analysed data is valid. Any interruptions in monitoring or removed data are reported in Table 5.1.

Observations of each parameter were processed into averaging periods defined by the relevant APACs. Processed data are presented in Section 6 overlaid with vessel presence at the port. Where it is indicated that a vessel is in port, a vessel is berthed at Station Pier. Vessels near the port (during approach and departure) are not included as vessels in port.

Observations of each parameter are then presented in Section 7 overlaid with vessel presence, observations at the local EPA AQMS, and 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. It is important to note that while comparison between Station Pier observations and observations at the local EPA AQMS has been undertaken, all AQMS 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.

5. Data information

Table 5.1 summarises the availability and quality of the data measured by the AQMS between 1 January 2024 and 31 January 2024. It should be noted that the AQMS commenced operation on 4 December 2023 and a series of calibrations were undertaken between 4 and 6 December as part of the commissioning of the AQMS.

The anemometer mast was initially installed at 2 m, and was raised to 10 m on 9 January 2024. Wind conditions observed prior to the 10 m mast installation may be affected by turbulence from the nearby surroundings such as buildings.

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.

The temperature and relative humidity sensors were not available during January 2024. Observations from the Bureau of Meteorology (BoM) automatic weather station (AWS) at Melbourne Olympic Park have been presented.

Table 5.1 AQMS data availability and quality

Parameters	Units	Data availability (%) between 1 and 31 January 2024	Reason for missing data
PM ₁₀	µg/m ³	98%	– Scheduled monthly maintenance tasks performed (8 January 07:00 to 11:05) – Station power interruption (9 January 02:00 to 07:15) – Non-scheduled maintenance – station power restored, masts raised and wind sensor alignment (9 January 07:20 to 10:00) – Instrument fault – data sample collection error (31 January 13:00)
PM _{2.5}	µg/m ³	98%	– Scheduled monthly maintenance tasks performed (8 January 07:00 to 11:05) – Station power interruption (9 January 02:00 to 07:15) – Non-scheduled maintenance – station power restored, masts raised and wind sensor alignment (9 January 07:20 to 10:00)
NO ₂	ppb	94%	– Automatic daily overnight span and background check followed by instrument stabilisation from 1:00 to 1:55. Data affected intermittently – Intermittent unrealistic negative values – Scheduled monthly maintenance tasks performed (8 January 07:00 to 11:05) – Station power interruption (9 January 02:00 to 07:15) – Non-scheduled maintenance – station power restored, masts raised and wind sensor alignment (9 January 07:20 to 10:00) – Non-scheduled maintenance – gas calibrator fault resolved (10 January 08:15 to 09:35)
SO ₂	ppb	93%	– Automatic daily overnight span and background check followed by instrument stabilisation from 23:45 to 23:55 and 1:00 to 1:55. Data affected intermittently – Intermittent additional instrument stabilisation following overnight span and background checks – Scheduled monthly maintenance tasks performed (8 January 07:00 to 11:05) – Station power interruption (9 January 02:00 to 07:15) – Non-scheduled maintenance – station power restored, masts raised and wind sensor alignment (9 January 07:20 to 10:00) – Non-scheduled maintenance – gas calibrator fault resolved (10 January 08:15 to 09:35)
Wind speed	m/s	99%	– Scheduled monthly maintenance tasks performed (8 January 07:00 to 11:05)

Parameters	Units	Data availability (%) between 1 and 31 January 2024	Reason for missing data
			– Station power interruption (9 January 02:00 to 07:15) – Non-scheduled maintenance – station power restored, masts raised and wind sensor alignment (9 January 07:20 to 10:00)
Wind direction	°	99%	– Scheduled monthly maintenance tasks performed (8 January 07:00 to 11:05) – Station power interruption (9 January 02:00 to 07:15) – Non-scheduled maintenance – station power restored, masts raised and wind sensor alignment (9 January 07:20 to 10:00)
Ambient temperature	°C	0%	– Sensor unavailable ¹
Relative humidity	%	0%	– Sensor unavailable ¹
Sigma	°	99%	– Scheduled monthly maintenance tasks performed (8 January 07:00 to 11:05) – Station power interruption (9 January 02:00 to 07:15) – Non-scheduled maintenance – station power restored, masts raised and wind sensor alignment (9 January 07:20 to 10:00)
Note 1: Supplemented with observations from the BoM Melbourne Olympic Park AWS			

6. Data review

6.1 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 6.1 shows the average wind rose for the data period. Note that during this period, the met mast was initially set at 2 m above ground and was later raised to 10 m on 9 January 2024.

The average wind rose for the data period is shown in Figure 6.1 and it shows the following features:

- The predominant annual average wind direction is from the south comprising 17% of all incident winds, followed by winds from the south-southwest (15%).
- The average wind speed is at 3.1 m/s.
- Winds from northeast and northwest quadrants occur less than 6% of the time for each direction.

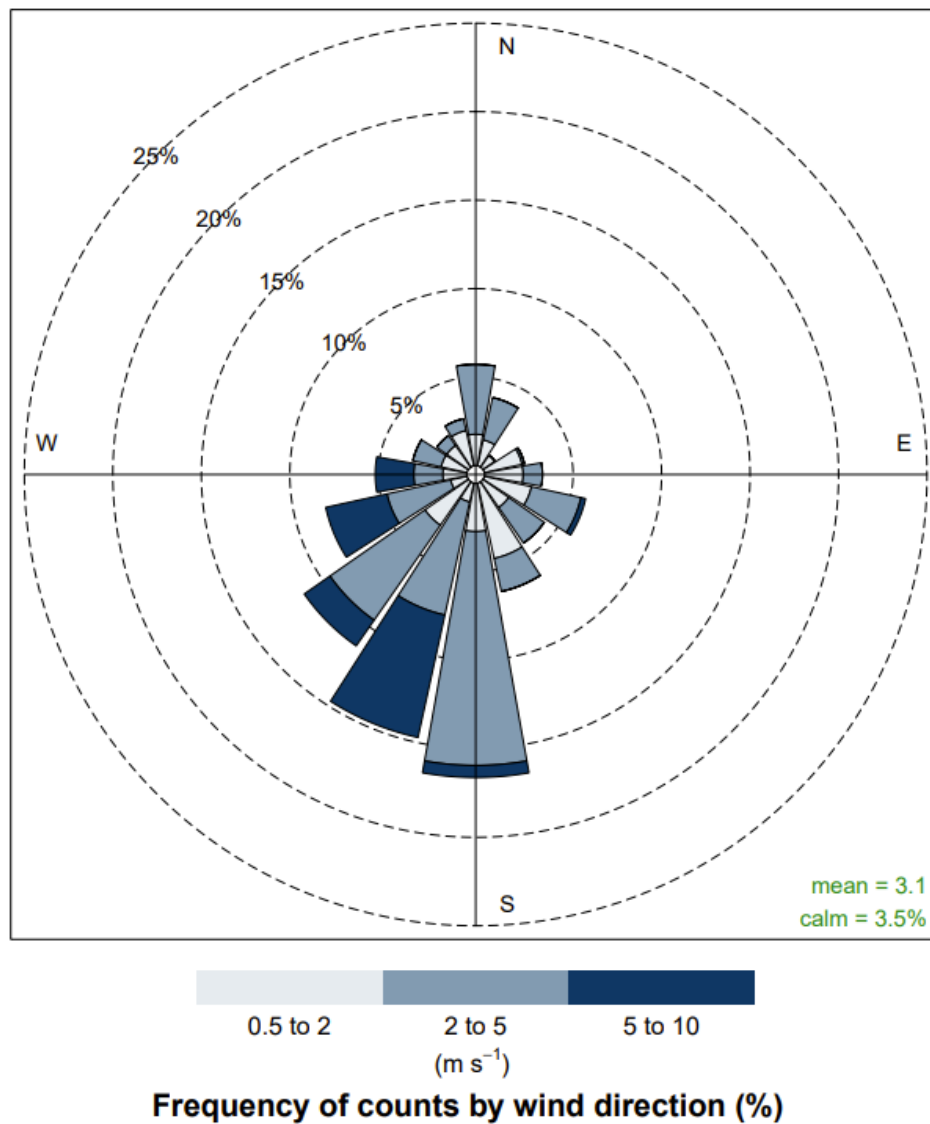


Figure 6.1 January 2024 windrose at Station Pier

6.2 Other meteorological parameters

Temperature, relative humidity and sigma observations are shown in Figure 6.2, Figure 6.3 and Figure 6.4 respectively. The temperature and humidity sensor was not yet installed at Station Pier, therefore observations from the nearest BoM AWS at Melbourne Olympic Park, located approximately 4.8 km northeast of the site, have been presented.

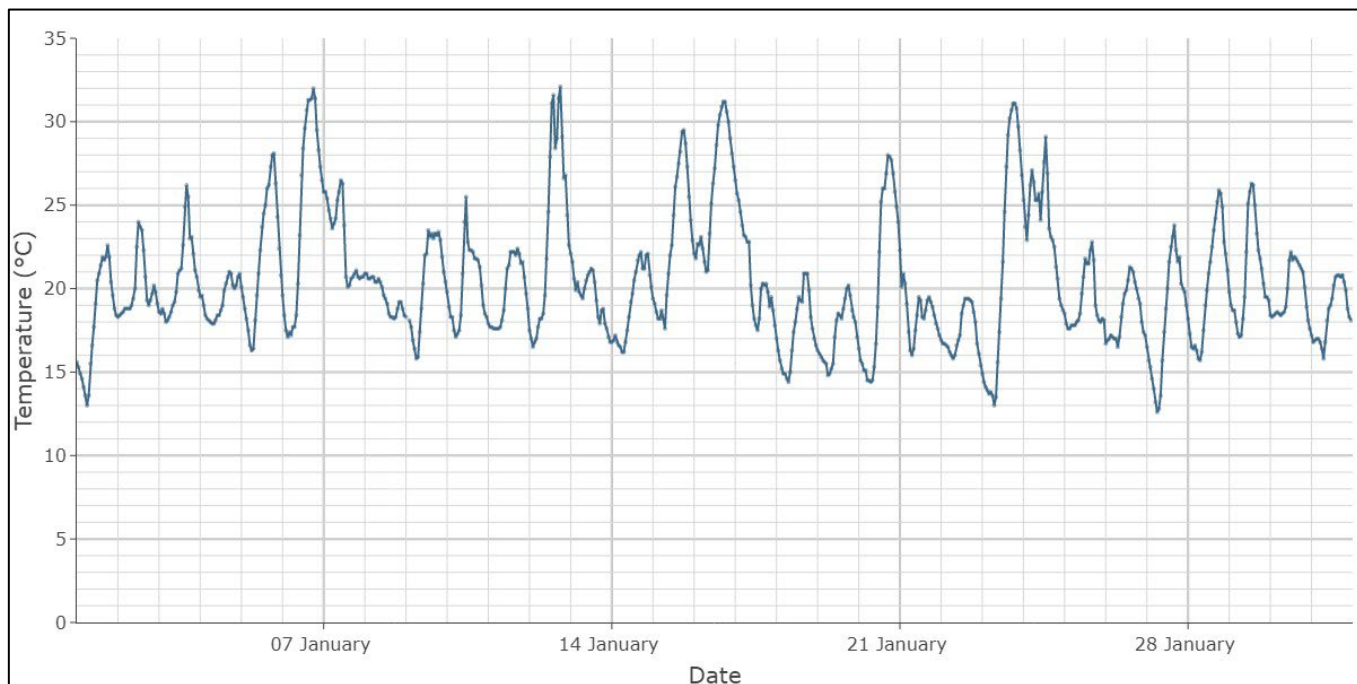


Figure 6.2 January 2024 temperature observations (BoM Melbourne Olympic Park)

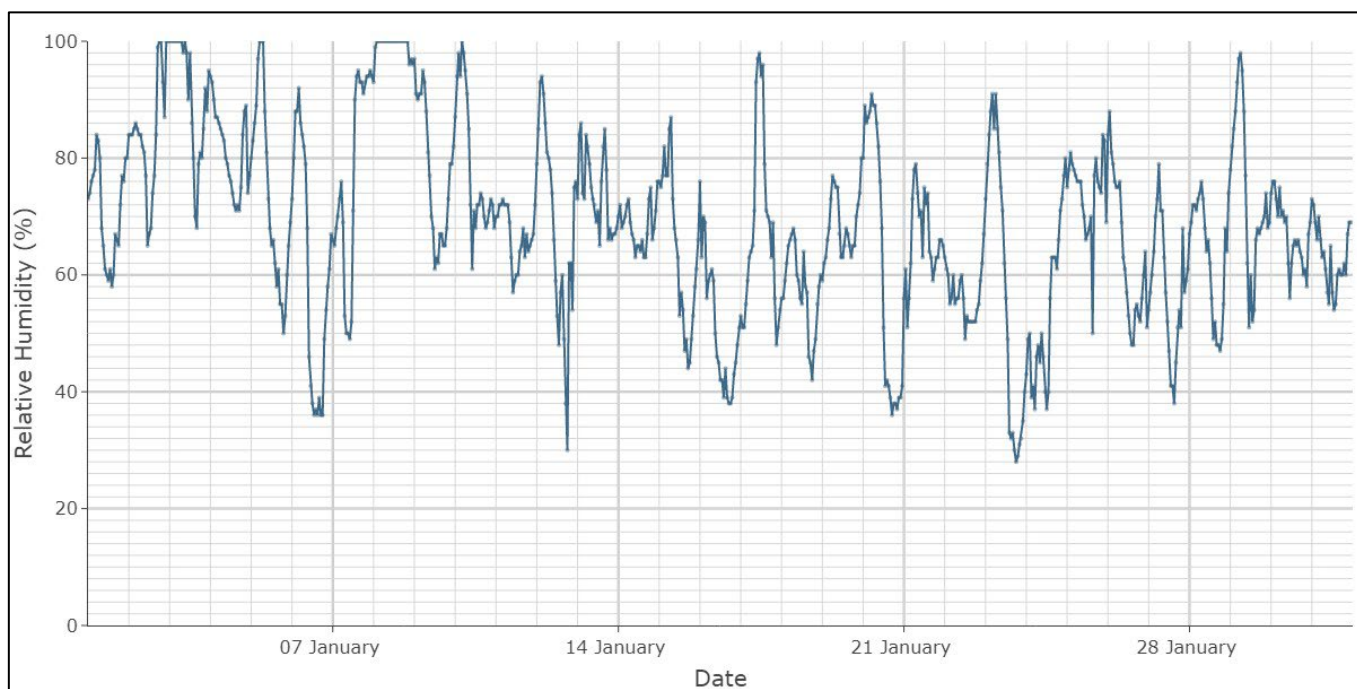


Figure 6.3 January 2024 relative humidity observations (BoM Melbourne Olympic Park)

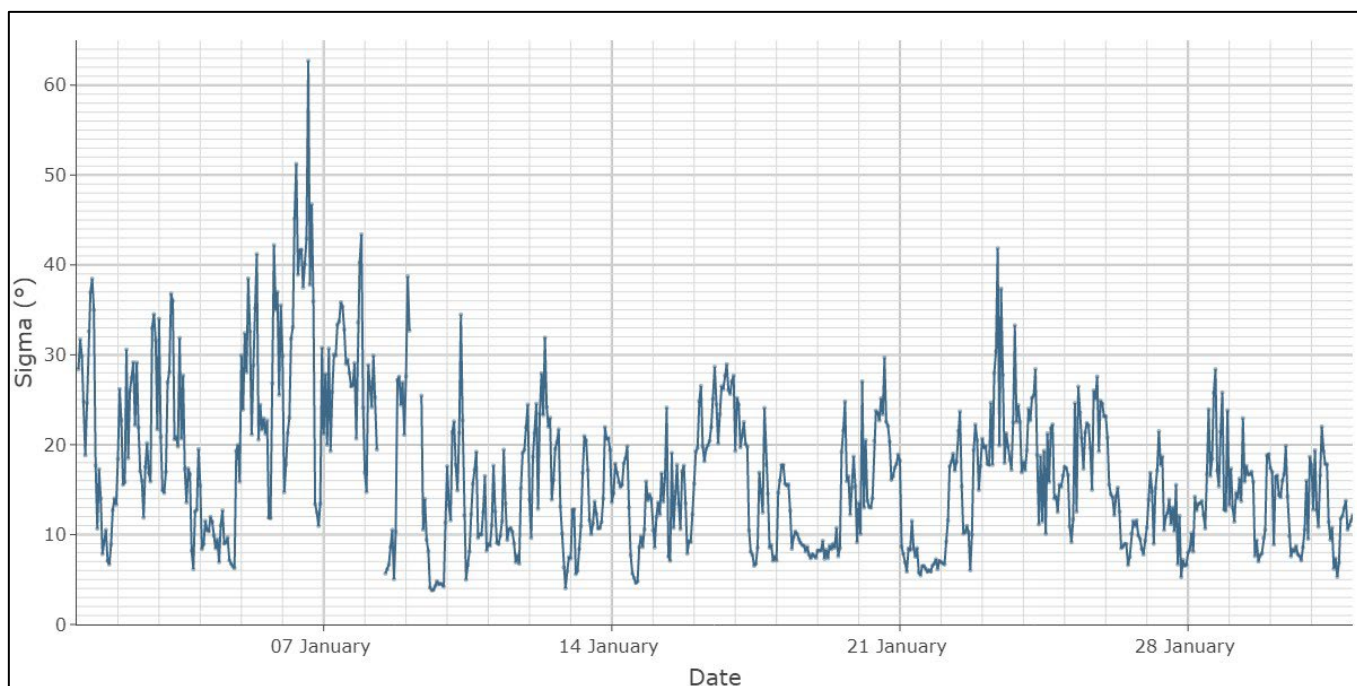


Figure 6.4 *January 2024 sigma observations at Station Pier*

6.3 PM₁₀

The 24-hour average PM₁₀ concentrations observed at the Station Pier AQMS are presented in Figure 6.5 with hours during which a vessel was present in the port highlighted. The hourly average PM₁₀ concentrations are also shown in Figure 6.6 by hourly average wind direction, with colouring indicating the presence of a vessel in the port, as well as in Figure 6.7 as pollution roses. As less than two months of data is available, annual average concentrations have not been presented.

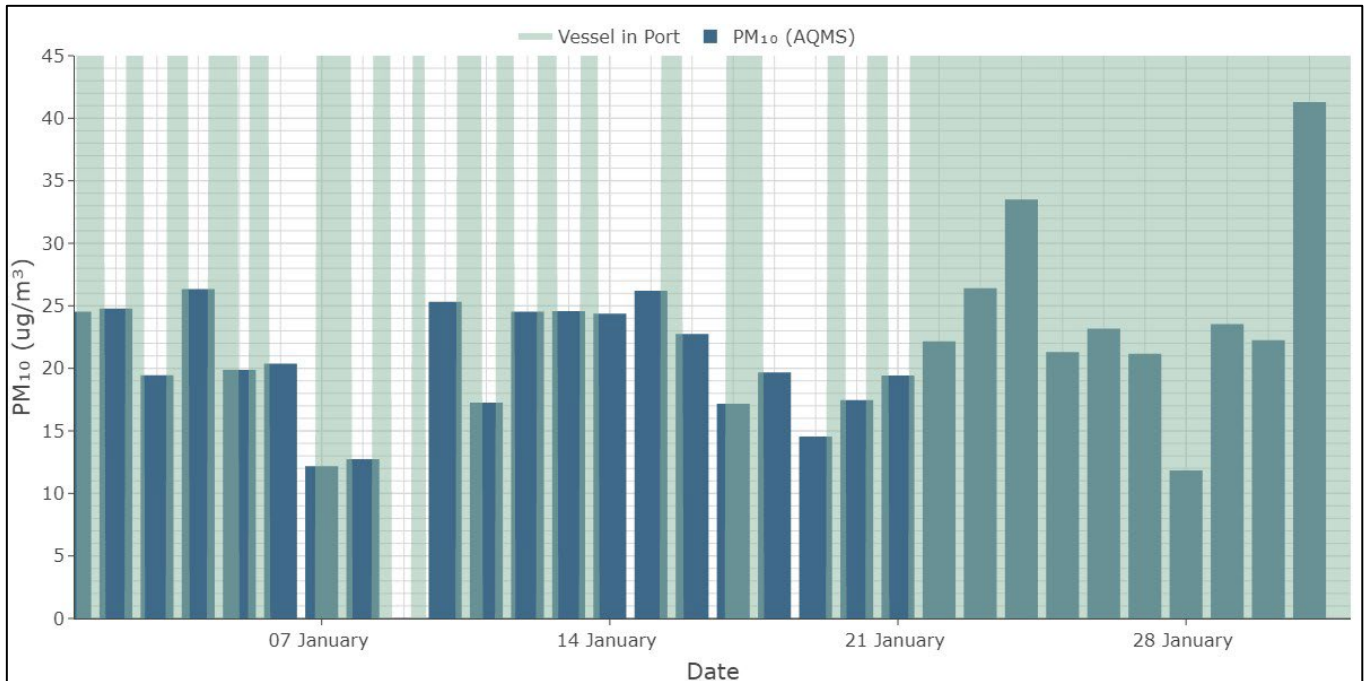


Figure 6.5 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier (January 2024) (criteria: 50 µg/m³)

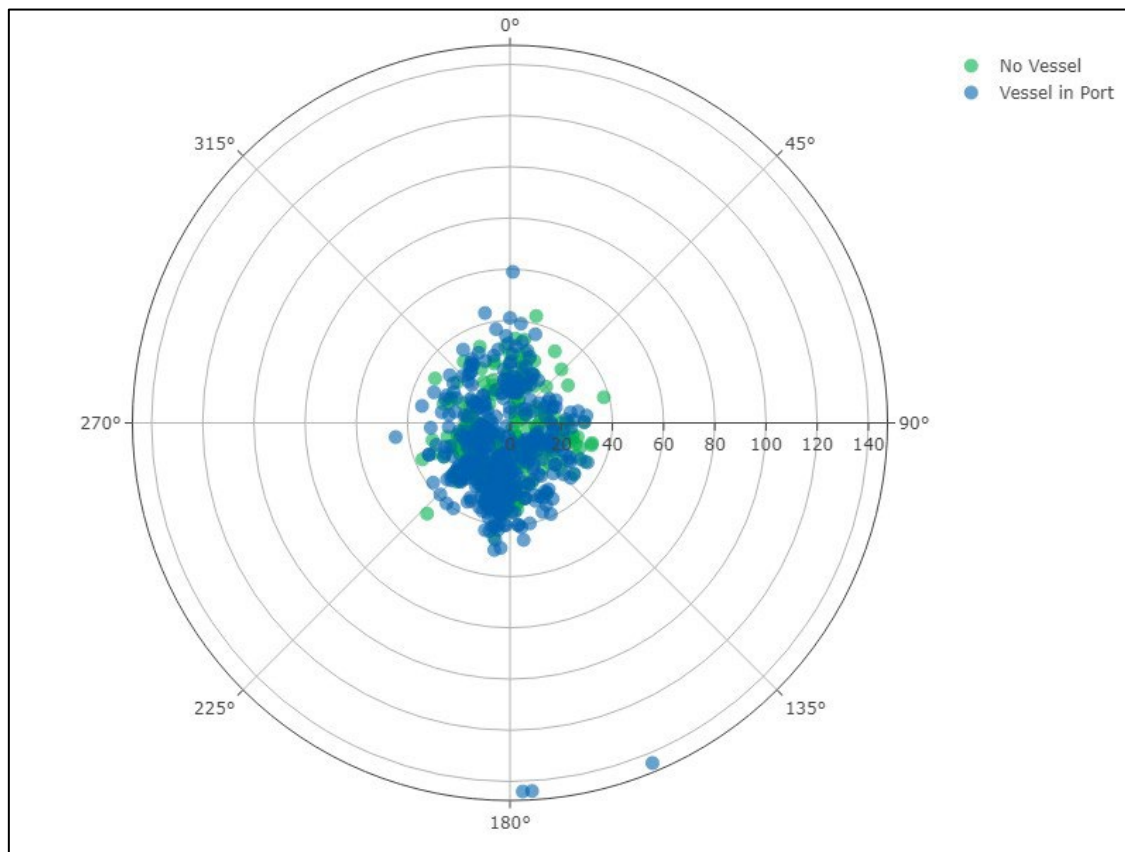


Figure 6.6 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) by wind direction (January 2024)

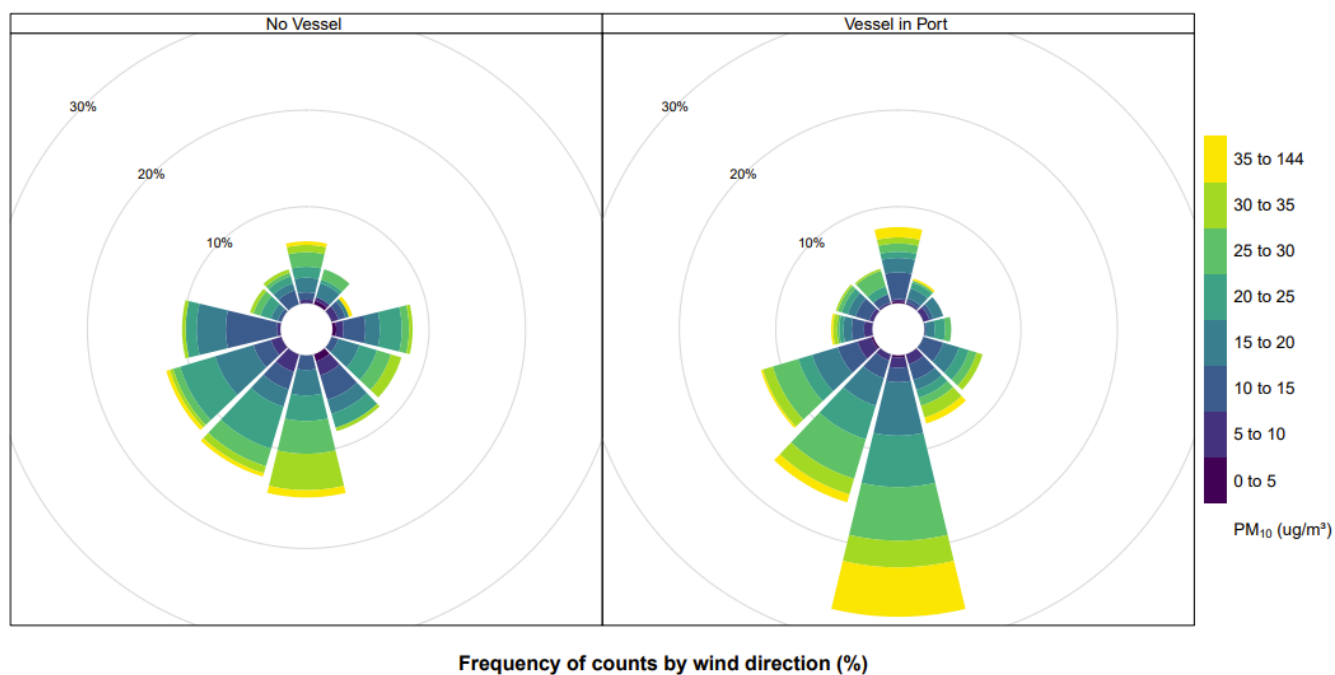


Figure 6.7 Hourly average PM_{10} concentration ($\mu\text{g}/\text{m}^3$) pollution roses (January 2024)

6.4 PM_{2.5}

The 24-hour average PM_{2.5} concentrations observed at the Station Pier AQMS are presented in Figure 6.8 with hours during which a vessel was present in the port highlighted. The hourly average PM_{2.5} concentrations are also shown in Figure 6.9 by hourly average wind direction, with colouring indicating the presence of a vessel in the port, as well as in Figure 6.10 as pollution roses. As less than two months of data is available, annual average concentrations have not been presented.

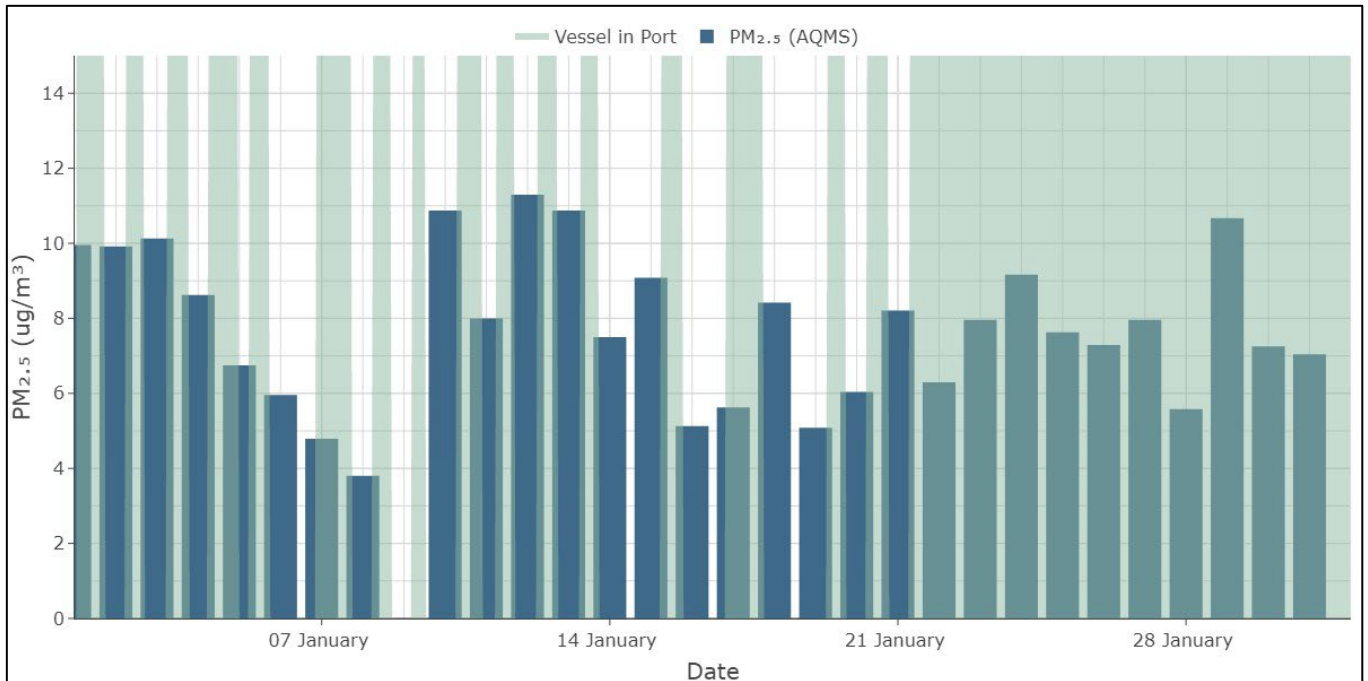


Figure 6.8 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier (January 2024) (criteria: 25 µg/m³)

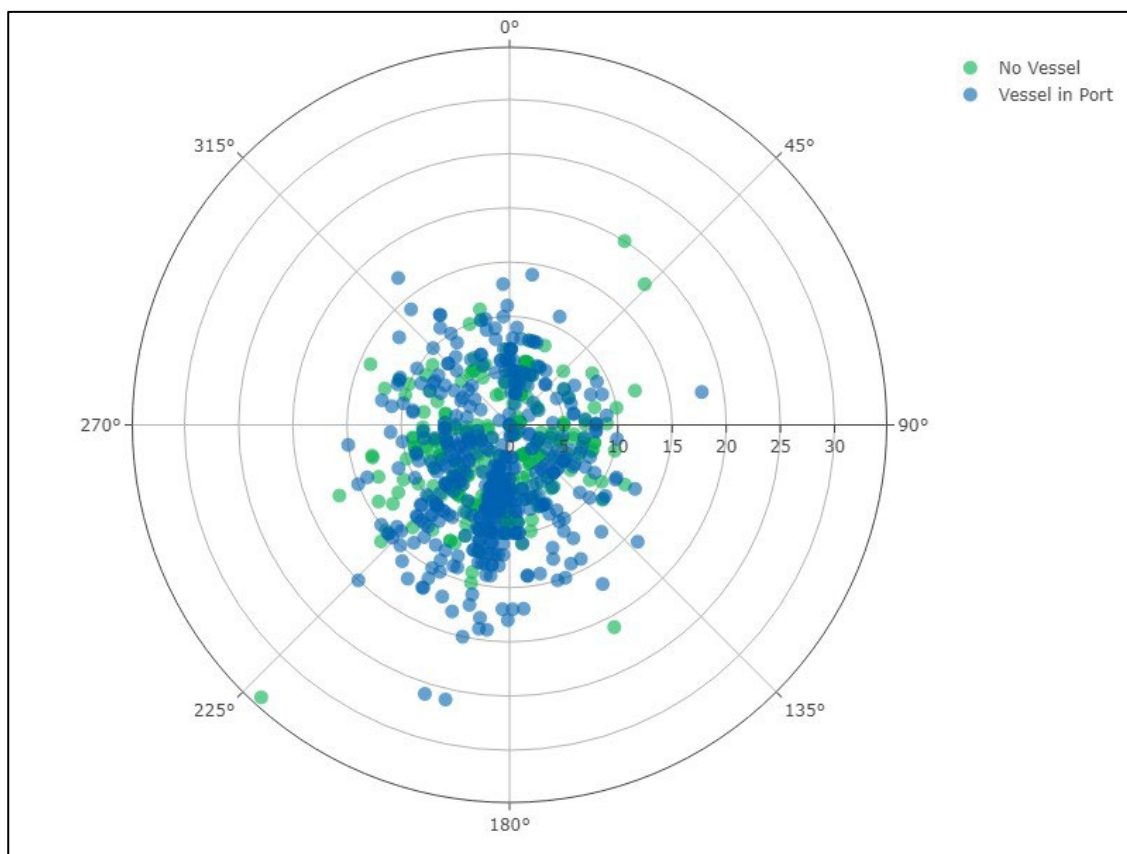


Figure 6.9 Hourly average $PM_{2.5}$ concentration ($\mu\text{g}/\text{m}^3$) by wind direction (January 2024)

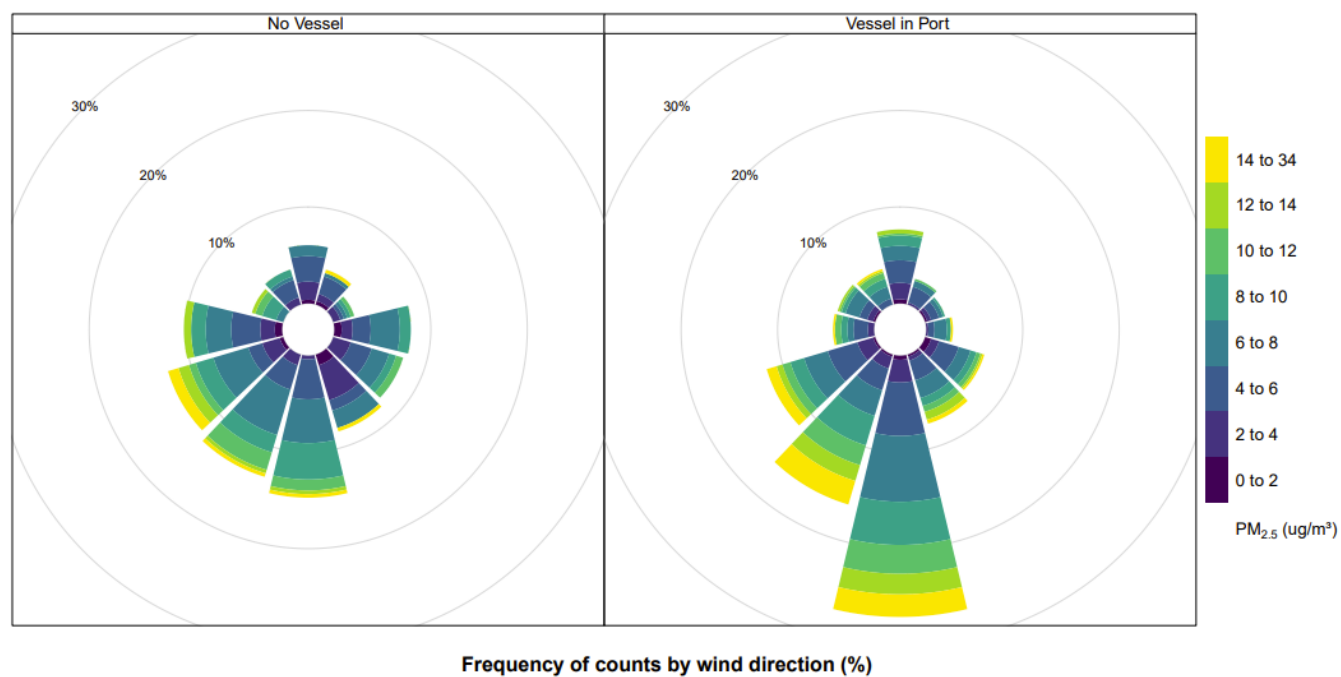


Figure 6.10 24-hour average $PM_{2.5}$ concentration ($\mu\text{g}/\text{m}^3$) pollution roses (January 2024)

6.5 NO₂

The hourly average NO₂ concentrations observed at the Station Pier AQMS are presented in Figure 6.11 with hours during which a vessel was present in the port highlighted. The hourly average NO₂ concentrations are also shown in Figure 6.12 by hourly average wind direction, with colouring indicating the presence of a vessel in the port, as well as in Figure 6.13 as pollution roses. As less than two months of data is available, annual average concentrations have not been presented.

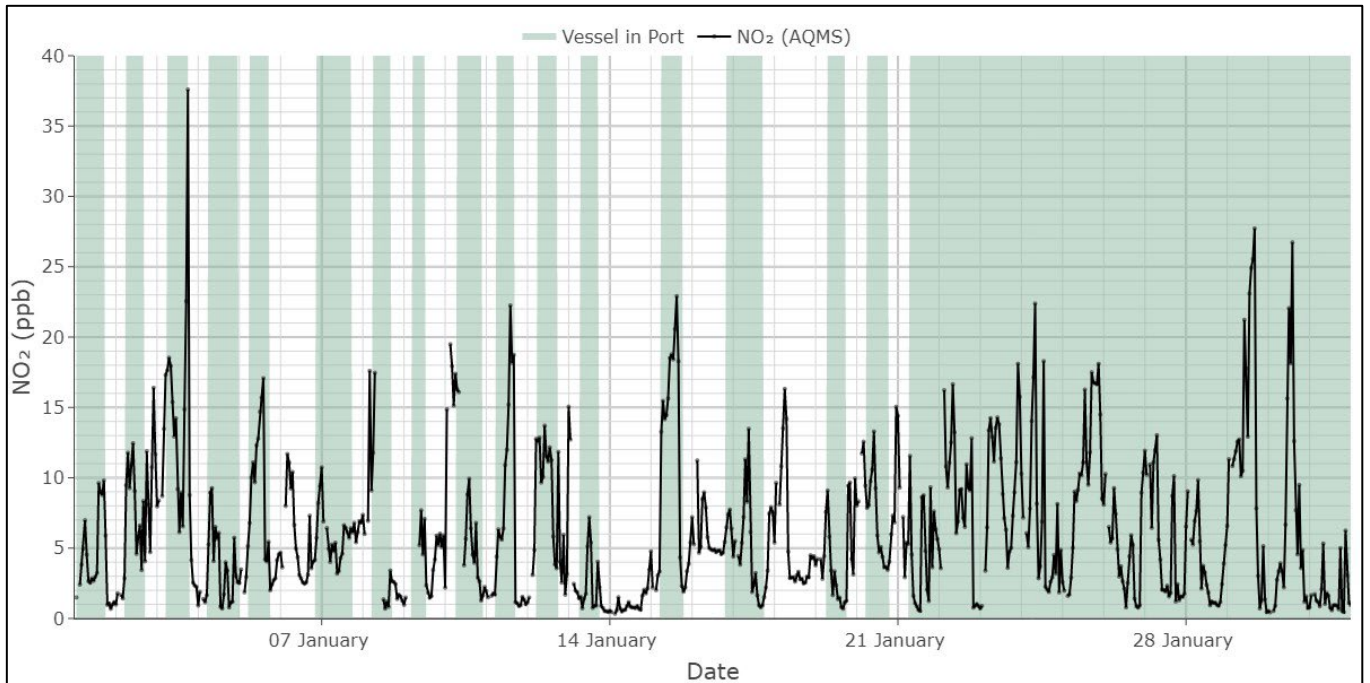


Figure 6.11 Hourly average NO₂ concentrations (ppb) at Station Pier (January 2024) (criteria: 80 ppb)

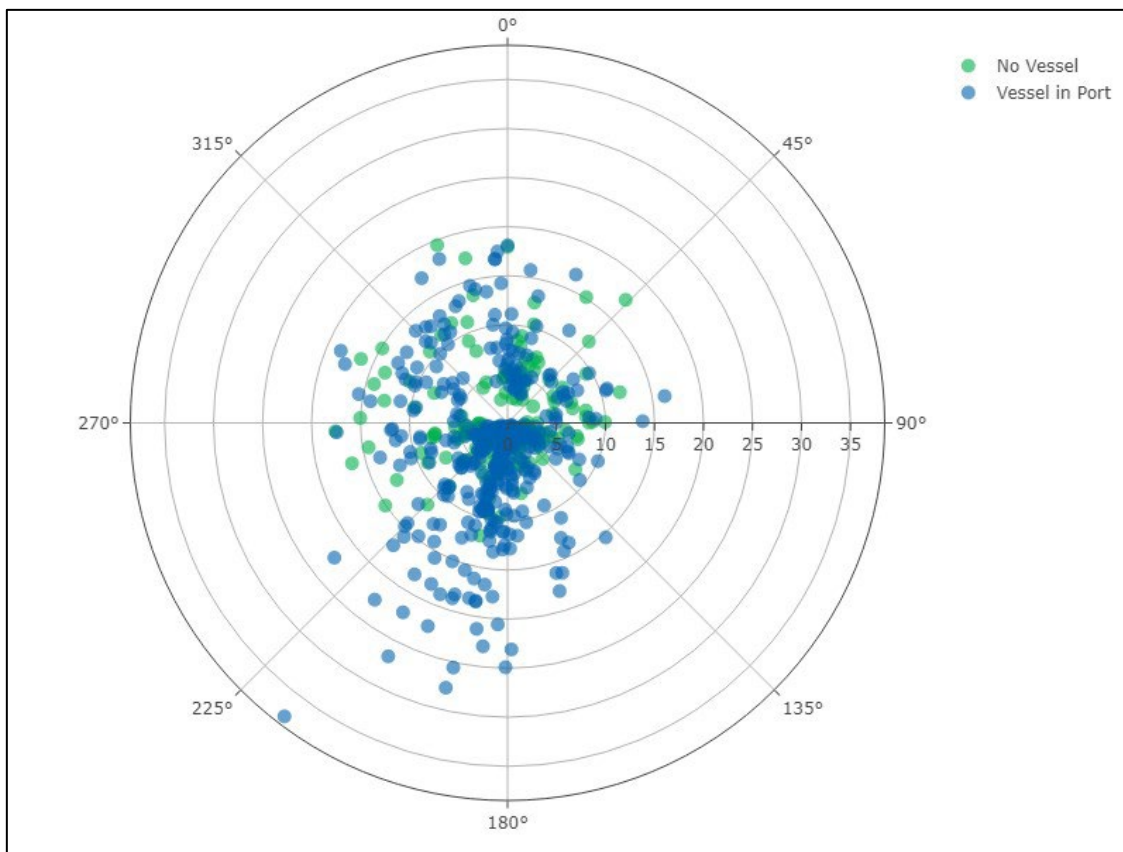
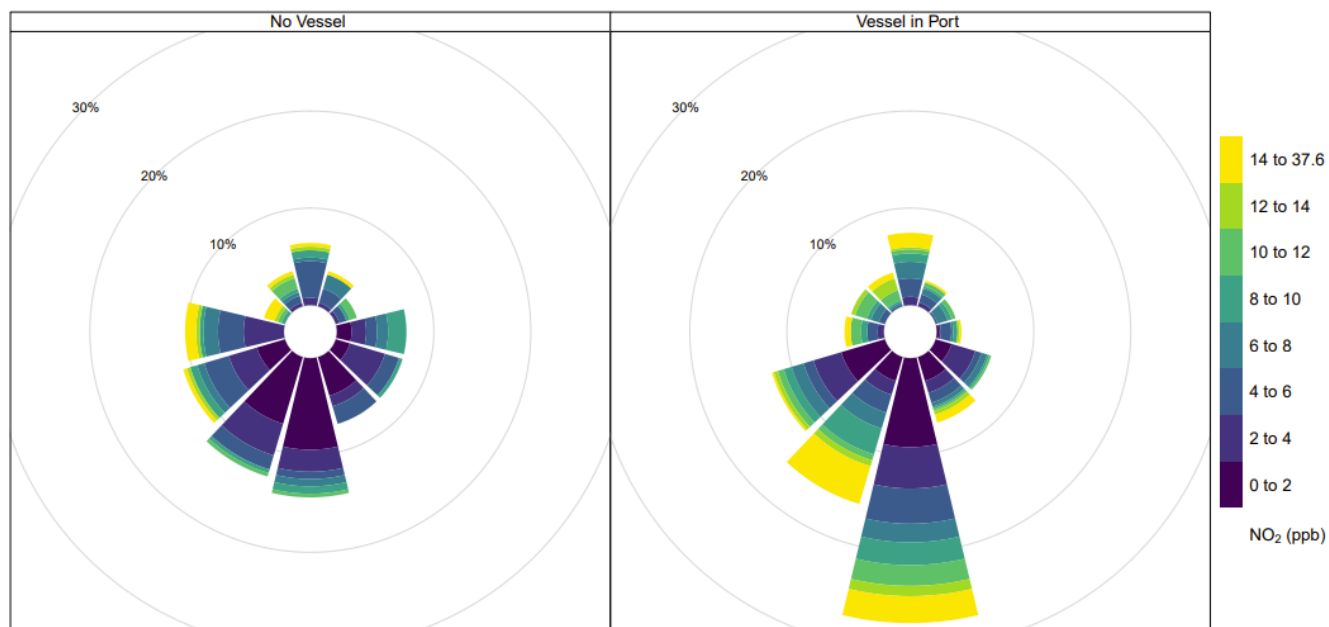


Figure 6.12 Hourly average NO₂ concentration (ppb) by wind direction (January 2024)



Frequency of counts by wind direction (%)

Figure 6.13 Hourly average NO₂ concentration (ppb) pollution roses (January 2024)

6.6 SO₂

The hourly average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure 6.14 with hours during which a vessel was present in the port highlighted. The hourly average SO₂ concentrations are also shown in Figure 6.15 by hourly average wind direction, with colouring indicating the presence of a vessel in the port, as well as in Figure 6.16 as pollution roses.

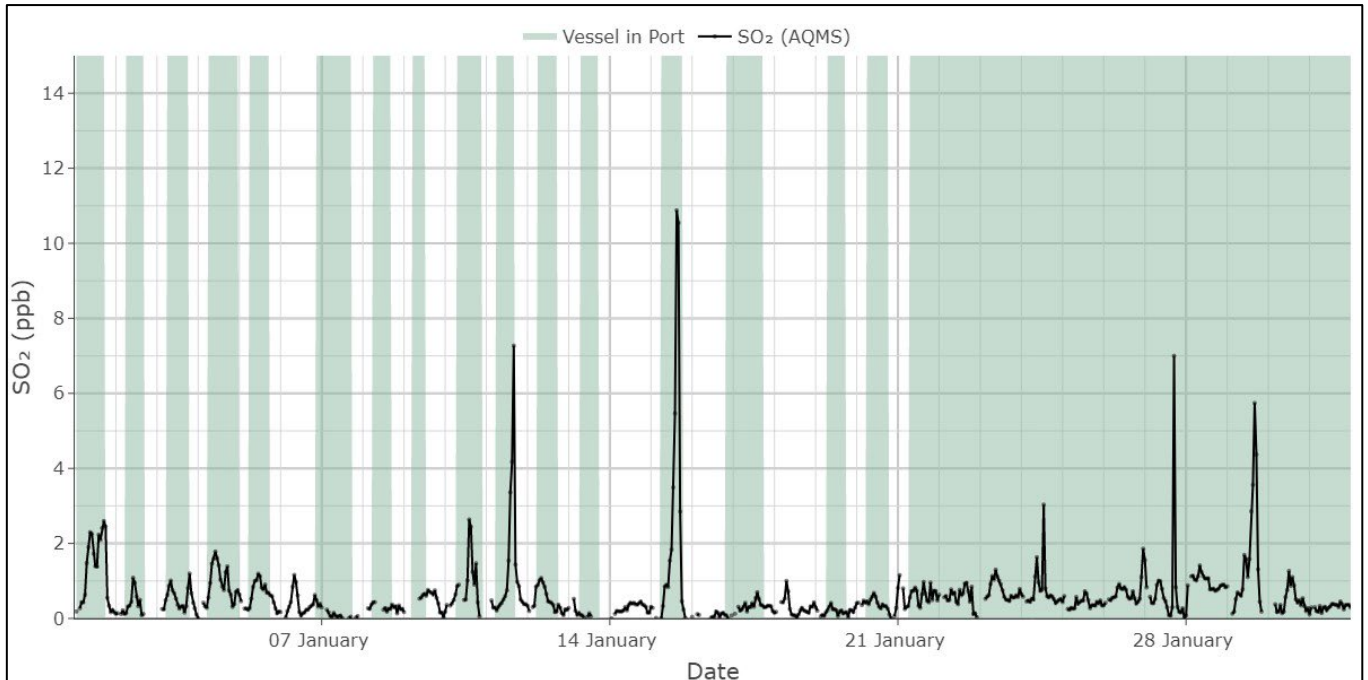


Figure 6.14 Hourly average SO₂ concentrations (ppb) at Station Pier (January 2024) (criteria: 75 ppb)

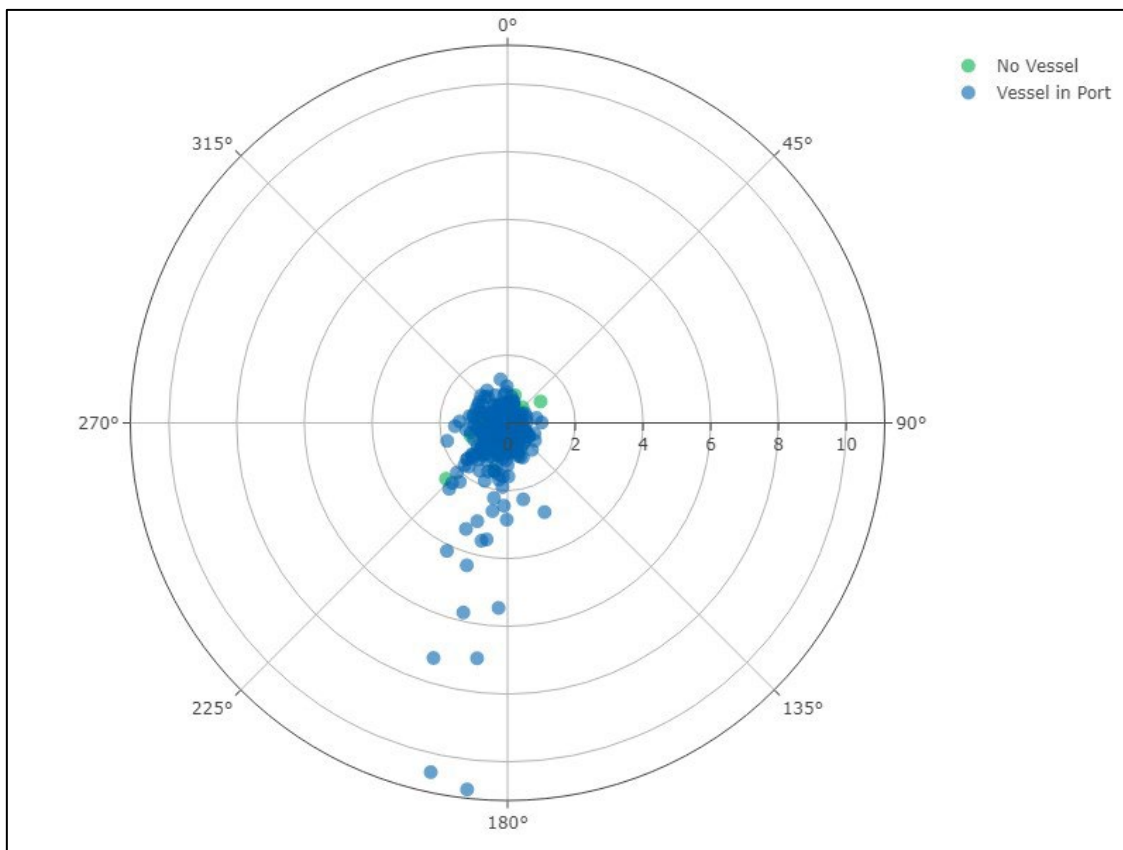


Figure 6.15 Hourly average SO₂ concentration (ppb) by wind direction (January 2024)

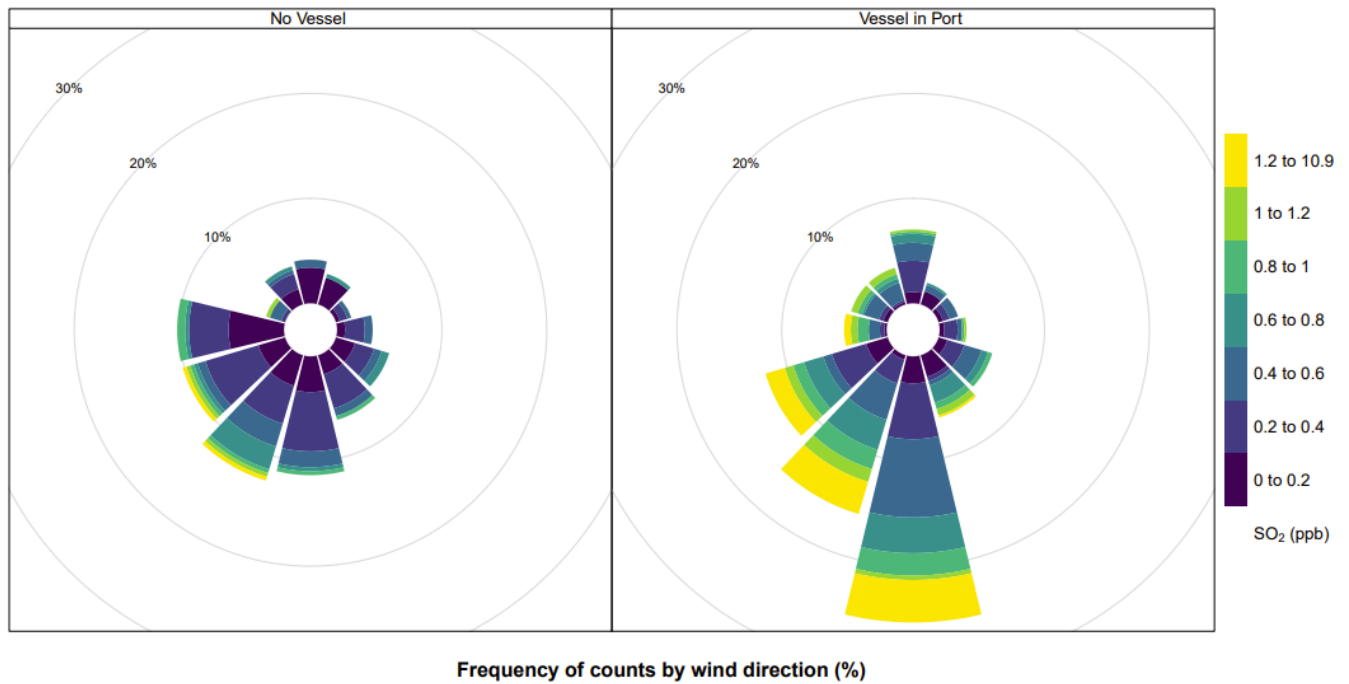


Figure 6.16 Hourly average SO₂ concentration (ppb) pollution roses (January 2024)

The 24-hour average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure 6.17 with hours during which a vessel was present in the port highlighted.

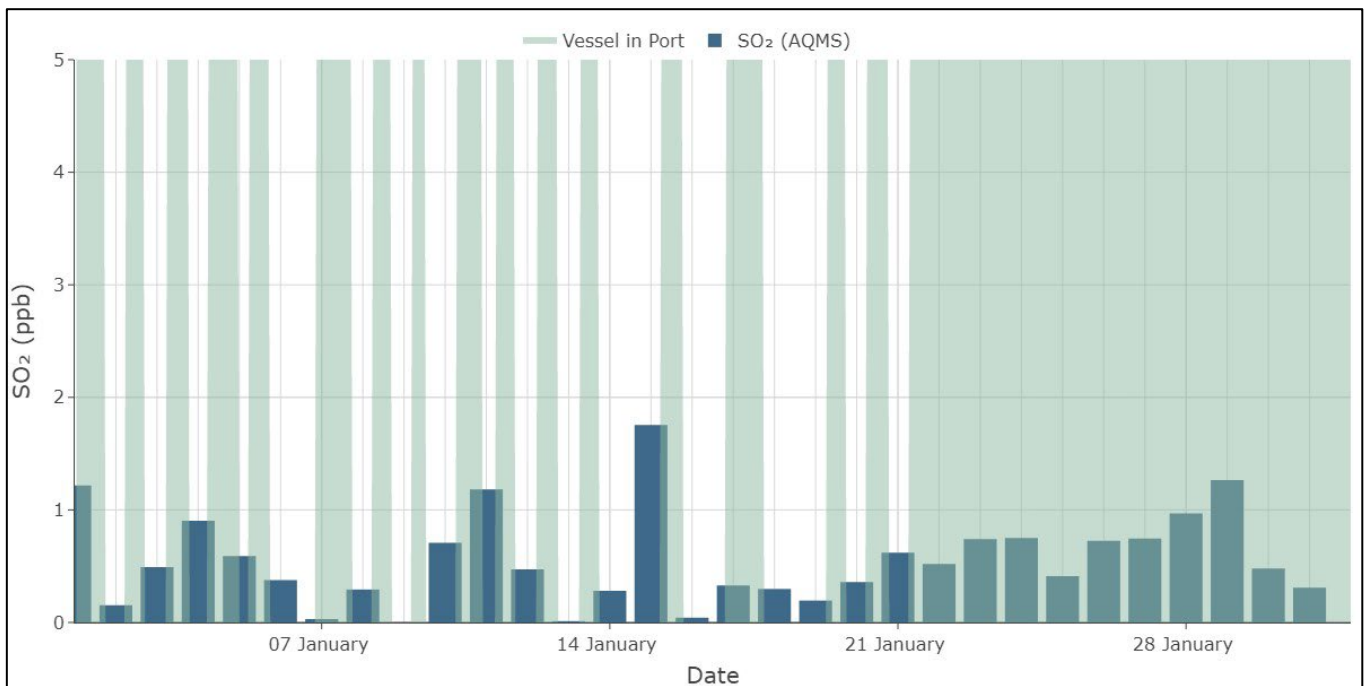


Figure 6.17 24-hour average SO₂ concentrations (ppb) at Station Pier (January 2024) (criteria: 20 ppb)

7. 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 AQMS (Altona North, Spotswood, Kingsville, Footscray, Brooklyn, Melbourne CBD)
- the adopted criteria (as per Table 3.1)
- port activity (presence or absence of ships)

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 AQMS has been undertaken, all AQMS 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 data used in this report has been collected from the EPA website and has not been through a quality assurance / quality control procedure.

7.1 PM₁₀

The 24-hour average PM₁₀ concentrations observed at the Station Pier AQMS are presented in Figure 7.1 alongside observations from the local EPA stations and the adopted criterion.

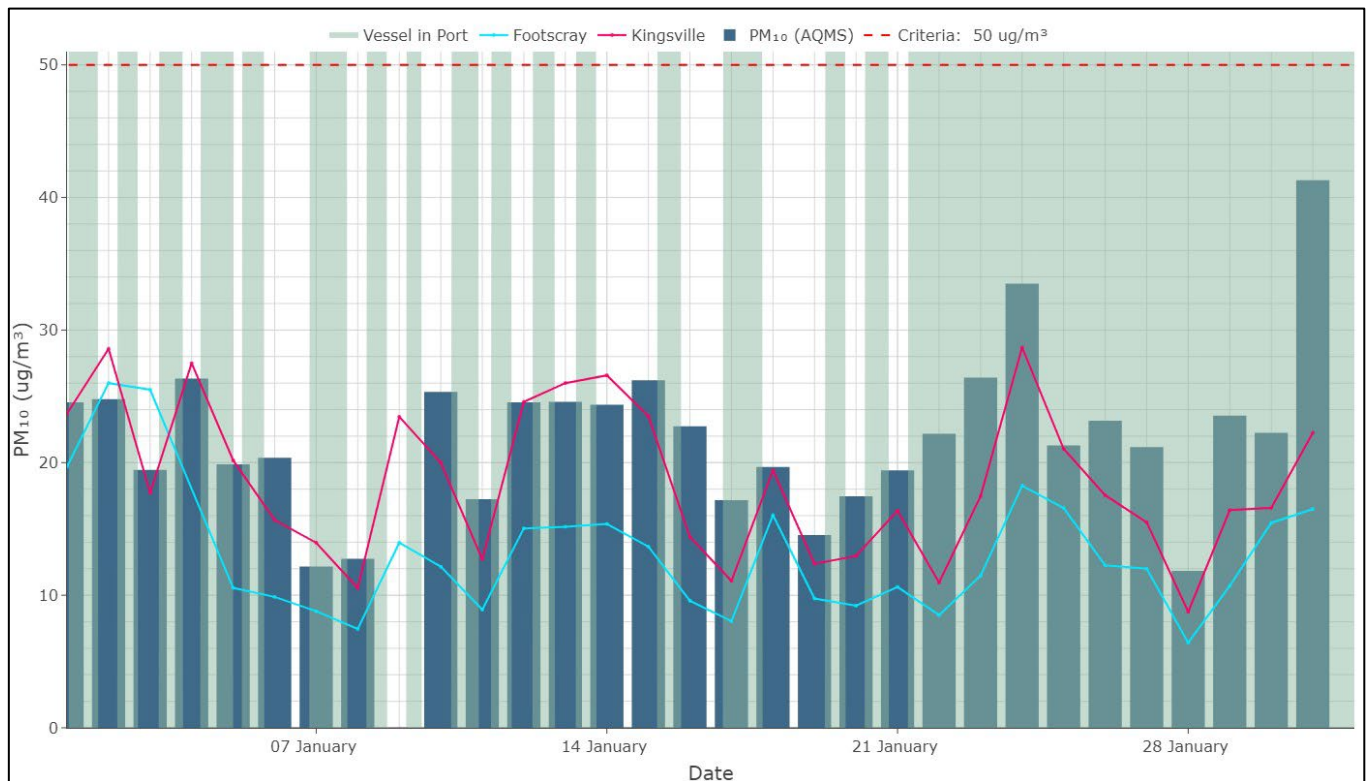


Figure 7.1 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (January 2024) (criteria: 50 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA station observations is presented in Table 7.1. Some positive correlation (0.49 to 0.7) was observed between the Station Pier observations and the EPA station observations for both EPA stations.

All concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 41.3 µg/m³, which is 17% below the criterion.

Table 7.1 Comparison between 24-hour average PM₁₀ Station Pier observations and local EPA station observations

EPA Station	Correlation coefficient (r)
Kingsville	0.69
Footscray	0.49

7.2 PM_{2.5}

The 24-hour average PM_{2.5} concentrations observed at the Station Pier AQMS are presented in Figure 7.2 alongside observations from the local EPA stations and the adopted criterion.

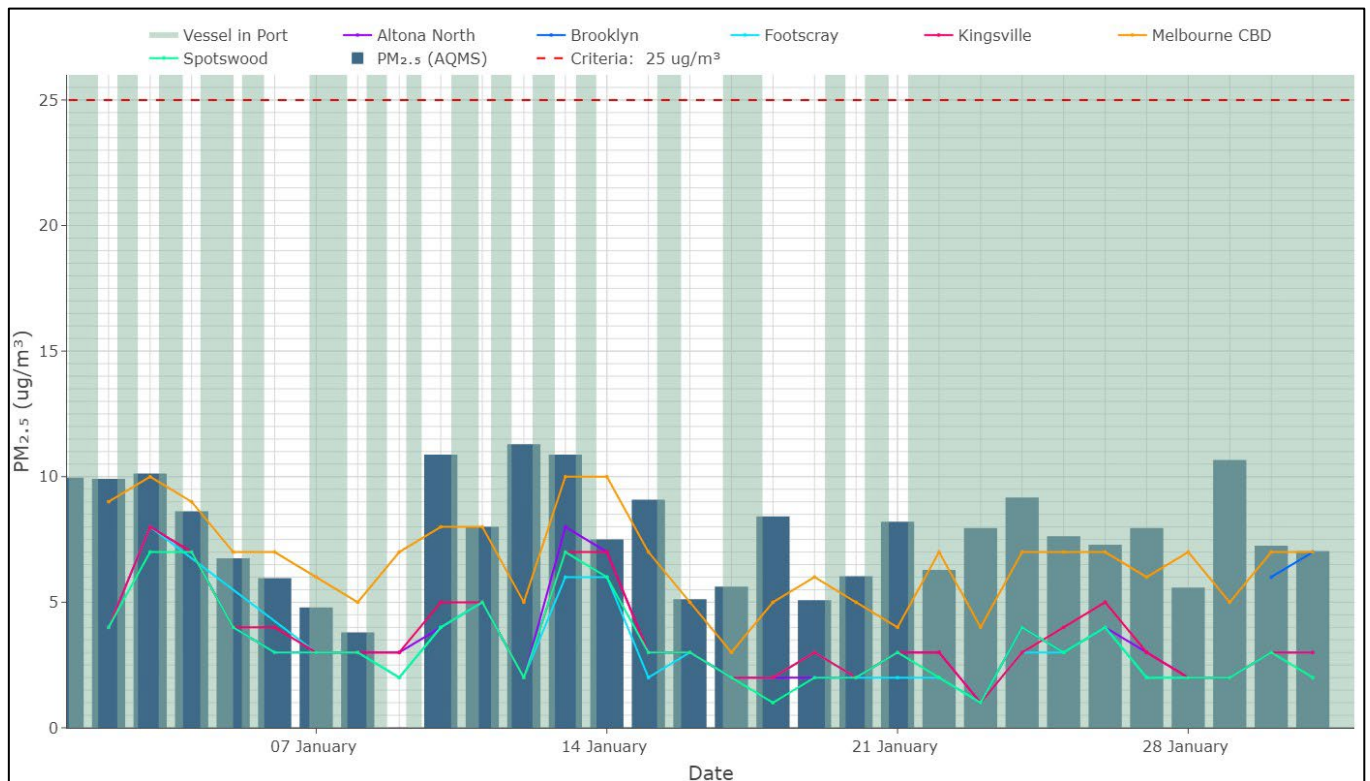


Figure 7.2 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (January 2024) (criteria: 25 µg/m³)

Correlation between the 24-hour average Station Pier observations and local EPA station observations is presented in Table 7.2. Minimal correlation (less than 0.5) was observed between the Station Pier observations and the EPA station observations for all local EPA stations.

All concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 11.3 µg/m³, which is 55% below the criterion.

Table 7.2 Comparison between 24-hour average PM_{2.5} Station Pier observations and local EPA station observations

EPA Station	Correlation coefficient (r)
Altona North	0.37
Spotswood	0.35
Kingsville	0.32
Footscray	0.29
Melbourne CBD	0.37

7.3 NO₂

The hourly average NO₂ concentrations observed at the Station Pier AQMS are presented in Figure 7.3 alongside observations from the local EPA stations and the adopted criterion.

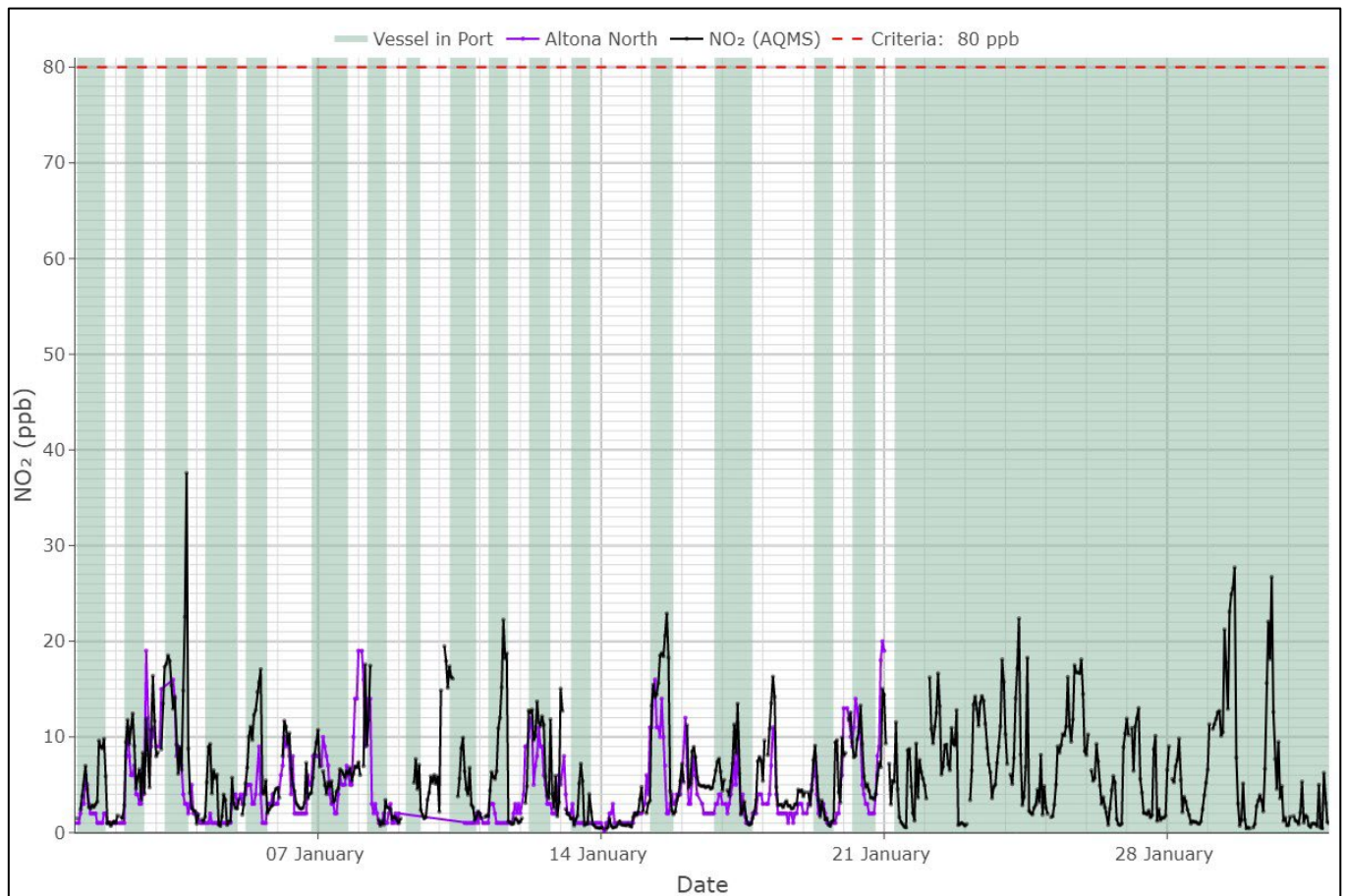


Figure 7.3 Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (January 2024) (criteria: 80 ppb)

Some positive correlation (0.55) was observed between the Station Pier observations and the Altona North EPA station observations.

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

7.4 SO₂

The hourly average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure 7.4 alongside observations from the local EPA stations and the adopted criterion.

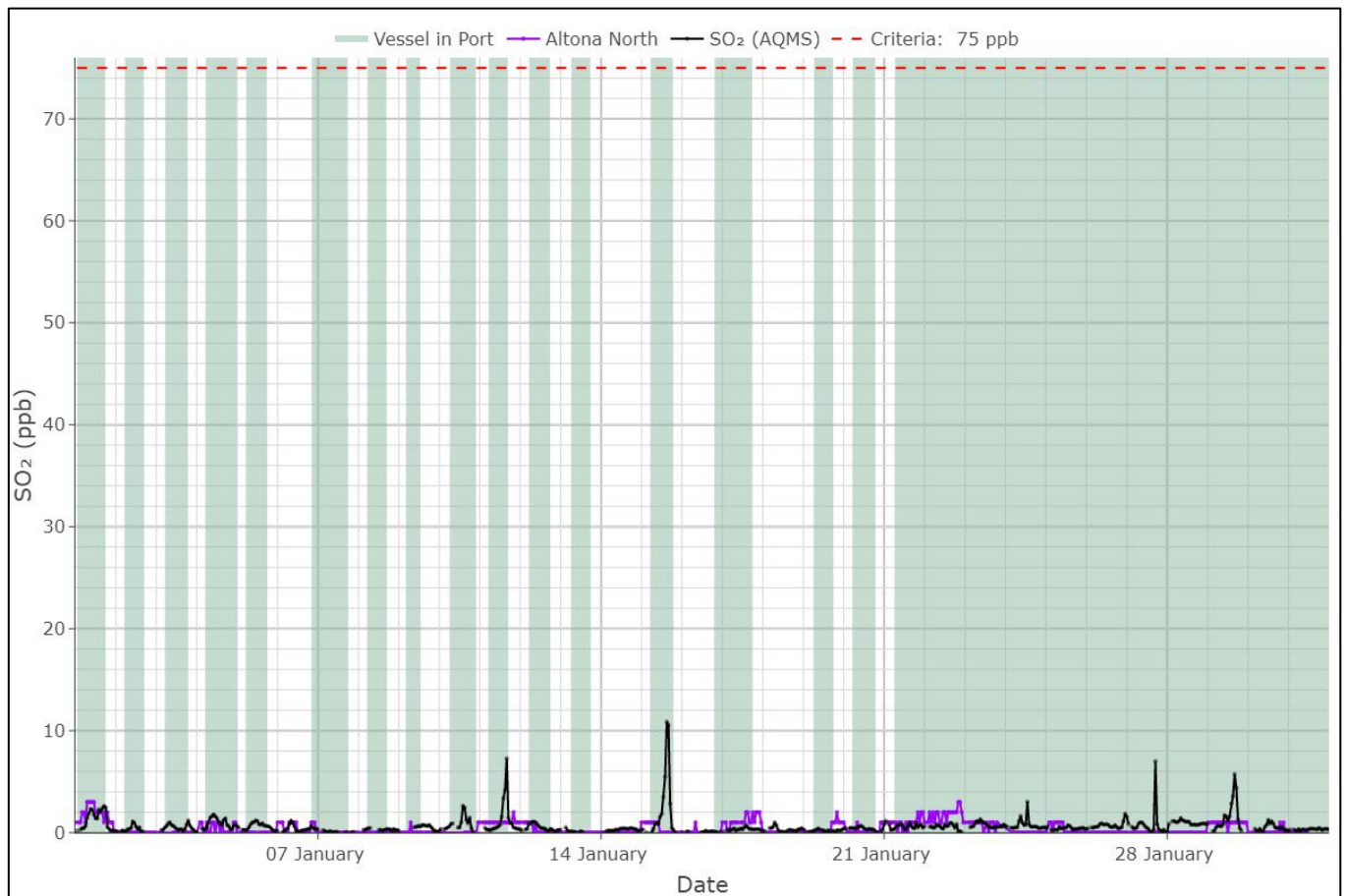


Figure 7.4 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (January 2024) (criteria: 75 ppb)

Minimal correlation (0.13) was observed between the Station Pier observations and the Altona North EPA station observations.

All concentrations were below the adopted criterion. The maximum hourly average concentration recorded was 10.9 ppb, which is 85% below the criterion.

The 24-hour average SO₂ concentrations observed at the Station Pier AQMS are presented in Figure 7.5 alongside observations from the local EPA stations and the adopted criterion.

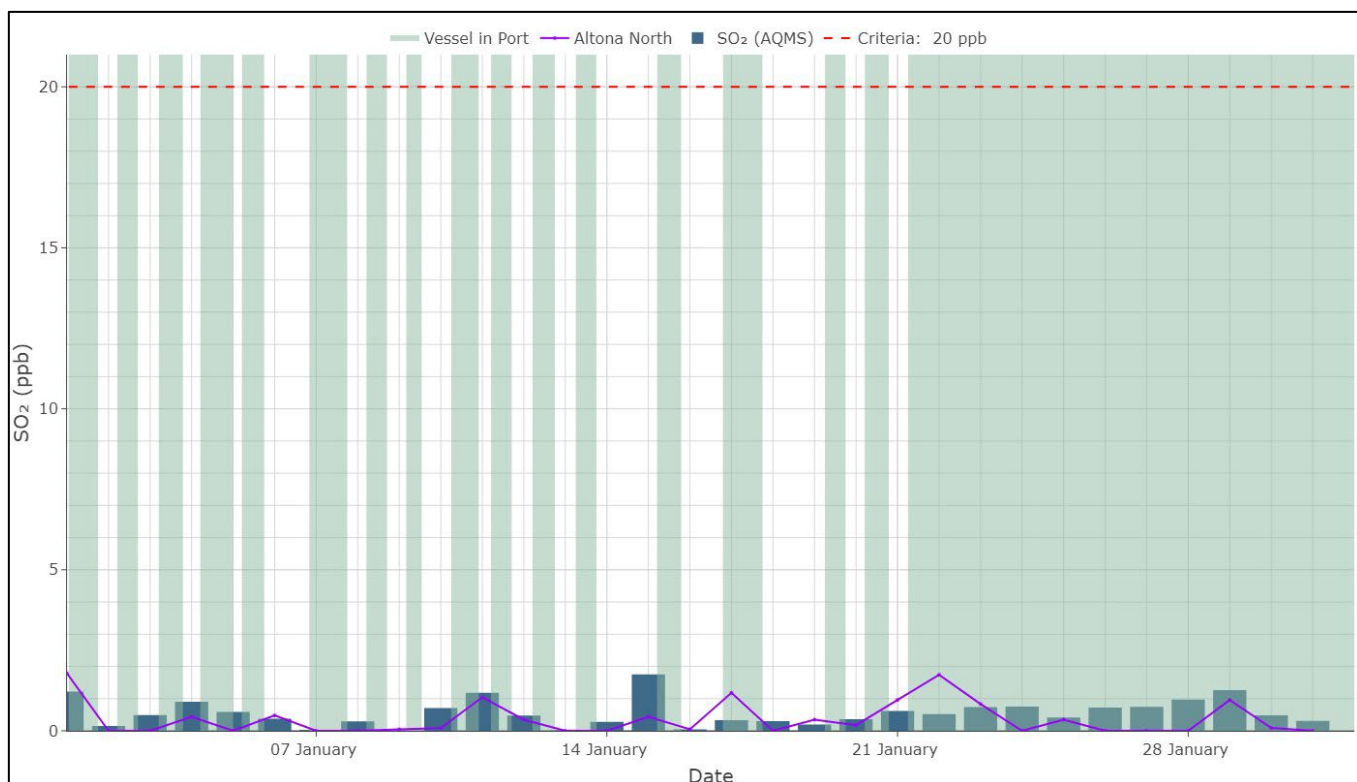


Figure 7.5 24-hour average SO₂ concentrations (ppb) at Station Pier and local EPA stations (January 2024) (criteria: 20 ppb)

Minimal correlation (0.41) was observed between the Station Pier observations and the Altona North EPA station observations.

All concentrations were below the adopted criterion. The maximum 24-hour average concentration recorded was 1.8 ppb, which is 91% below the criterion.

7.5 Port activity

The number of ships present at the port at the time of the maximum hourly concentrations of each pollutant are shown in Figure 7.6. Maximum PM₁₀ and NO₂ concentrations occurred when there was one ship present at the port, and maximum SO₂ concentration occurred when there were two ships present at the port. No ships were present when the maximum PM_{2.5} concentration was observed.

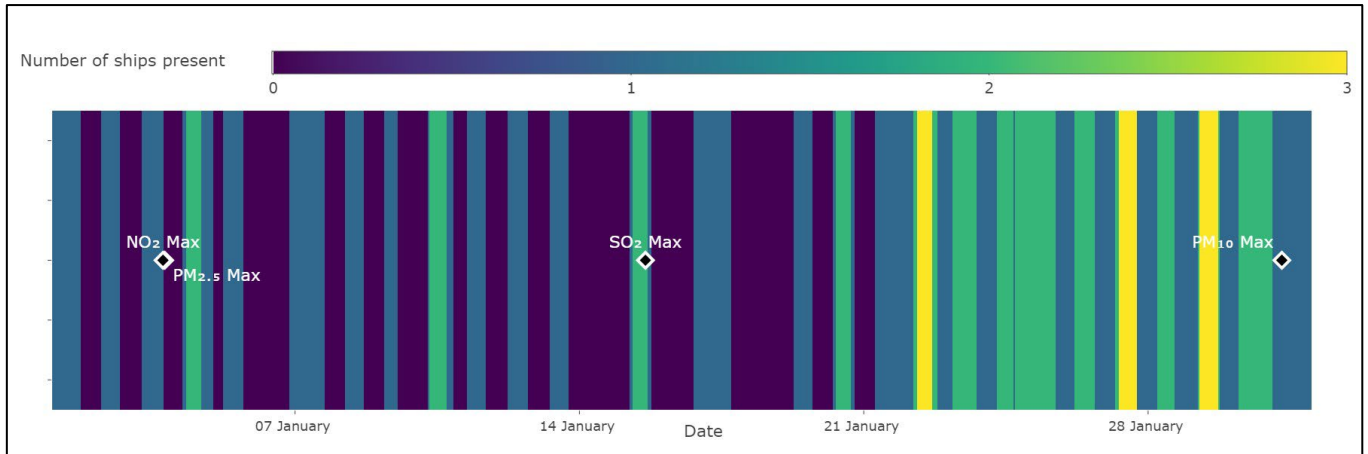


Figure 7.6 Number of ships present compared against maximum concentration observations

The average concentrations for each pollutant have been compared against hourly vessel presence in Table 7.3.

Table 7.3 Comparison of average concentration against vessel presence

Pollutant	Proportion of vessel presence during monitoring	Average concentration	
		No vessel	Vessel in port
PM ₁₀	64%	20.0 µg/m ³	23.2 µg/m ³
PM _{2.5}	64%	7.0 µg/m ³	8.3 µg/m ³
NO ₂	65%	4.8 ppb	7.1 ppb
SO ₂	68%	0.3 ppb	0.8 ppb

7.6 Long term review

Annual average criteria are specified for PM₁₀, PM_{2.5} and NO₂. As less than two months of data is available, averages have not been compared against the annual average criteria. As more data becomes available, assessment against the long term criteria may be undertaken as well as analysis of other impacts on concentrations such as seasonal effects.

Figures from the entire monitoring period are presented in Attachment 1.

8. 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 January 2024 has been reviewed by ACOEM and the NATA accredited results are presented in this report.

Comparison against the EPA AQMS observations showed some positive correlation (0.49 to 0.7) for 24-hour average PM₁₀ concentrations and 1-hour average NO₂ concentrations. Minimal correlation was observed for PM_{2.5} and SO₂ concentrations. Average observed concentrations were higher when a vessel was in port compared with when no vessels were in port across all pollutants.

All observations during the month of January 2024 were lower than the adopted short term criteria (1-hour and 24-hour), ranging from 17% (for maximum 24-hour average PM₁₀) to 91% (for maximum 24-hour average SO₂) below the relevant criteria.

Attachment 1

Figures from entire monitoring period

1-1 PM₁₀

The 24-hour average PM₁₀ concentrations observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 January 2024) are presented in Figure 2.1 alongside observations from the local EPA stations and the adopted criterion.

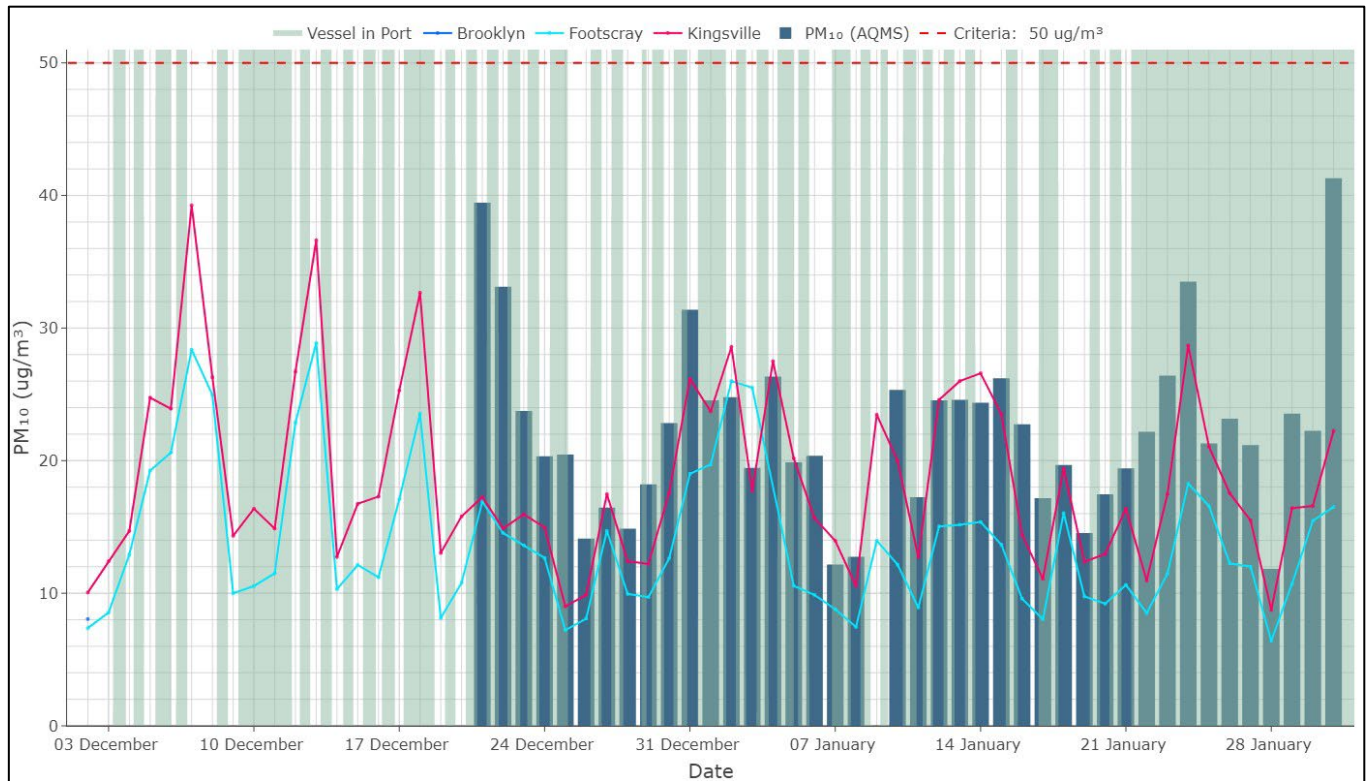


Figure 2.1 24-hour average PM₁₀ concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - January 2024) (criteria: 50 µg/m³)

1-2 PM_{2.5}

The 24-hour average PM_{2.5} concentrations observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 January 2024) are presented in Figure 2.2 alongside observations from the local EPA stations and the adopted criterion.

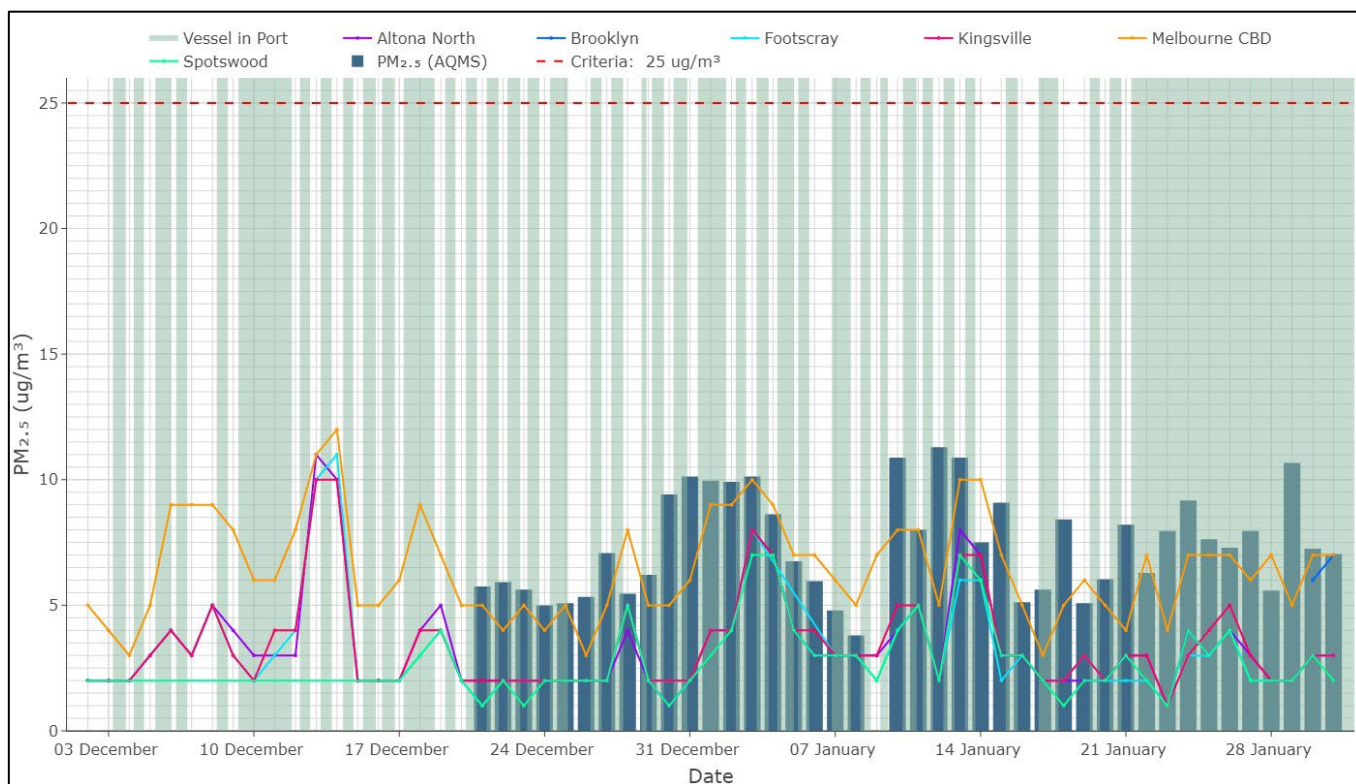


Figure 2.2 24-hour average PM_{2.5} concentrations (µg/m³) at Station Pier and local EPA stations (December 2023 - January 2024) (criteria: 25 µg/m³)

1-3 NO₂

The hourly average NO₂ concentrations observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 January 2024) are presented in Figure 2.3 alongside observations from the local EPA stations and the adopted criterion.

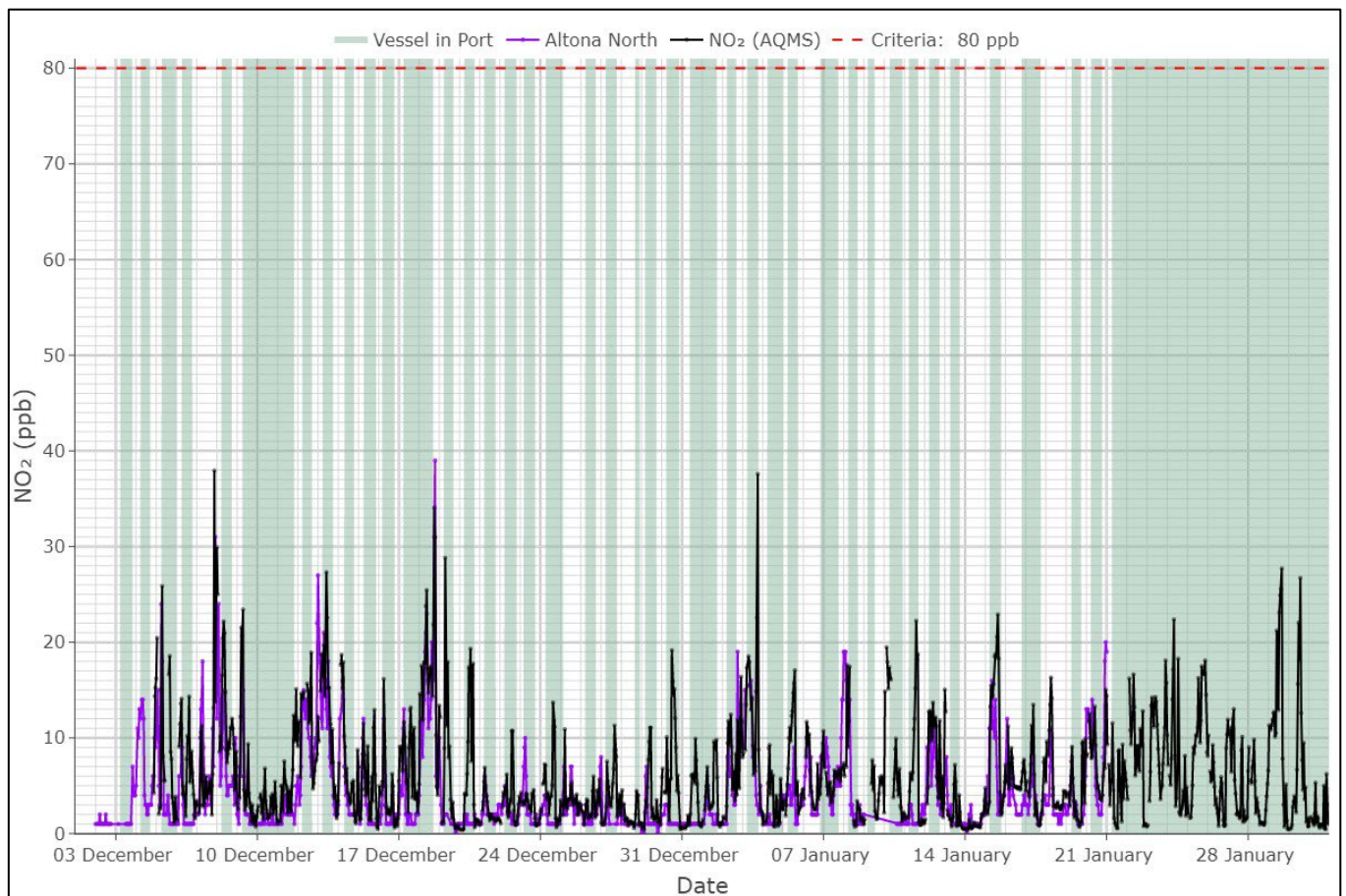


Figure 2.3 *Hourly average NO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - January 2024) (criteria: 80 ppb)*

1-4 SO₂

The hourly average and 24-hour average SO₂ concentrations observed at the Station Pier AQMS for the entire monitoring period (01 December 2023 to 31 January 2024) are presented in Figure 2.4 and Figure 2.5 respectively, alongside observations from the local EPA stations and the adopted criterion.

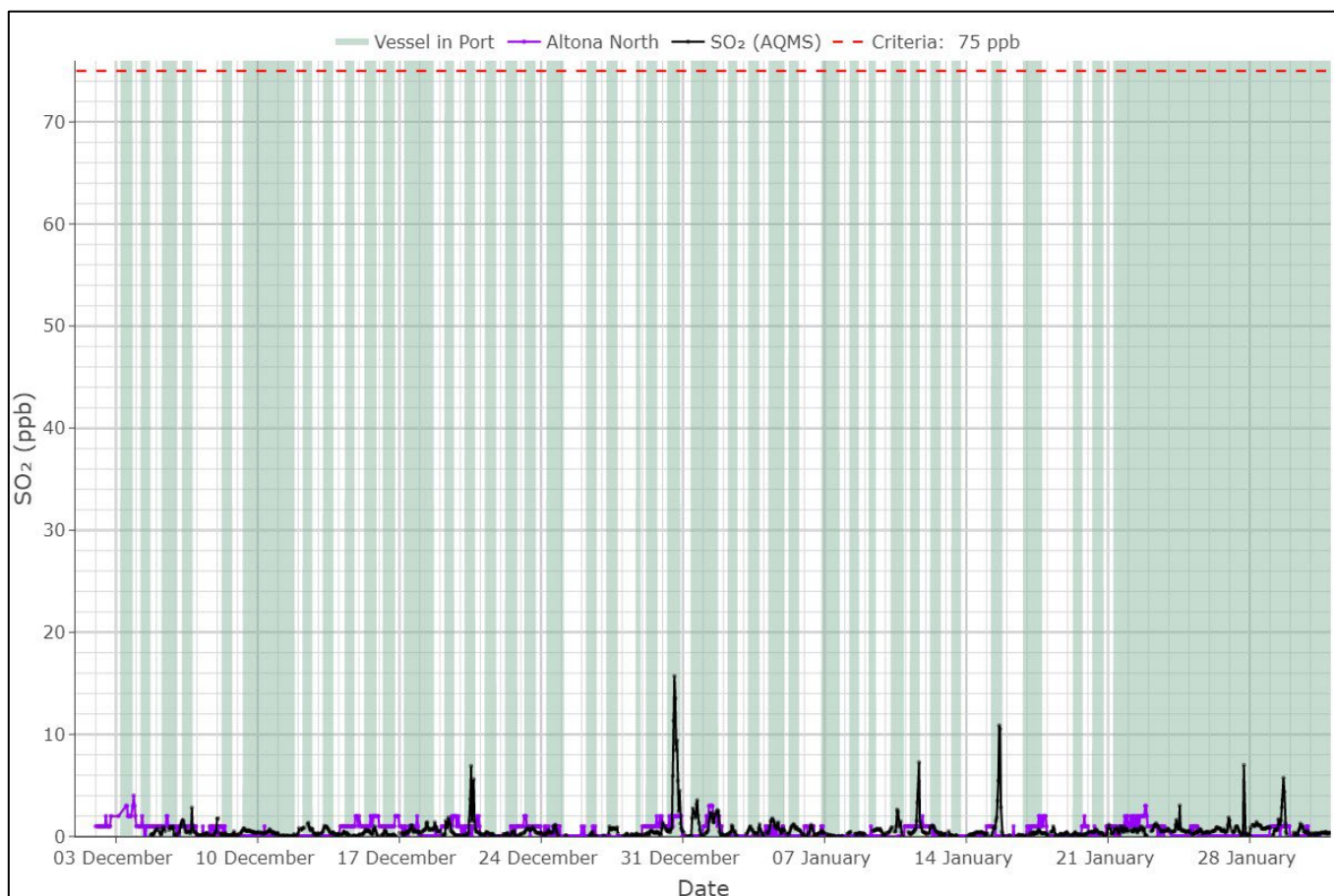


Figure 2.4 Hourly average SO₂ concentrations (ppb) at Station Pier and local EPA stations (December 2023 - January 2024) (criteria: 75 ppb)

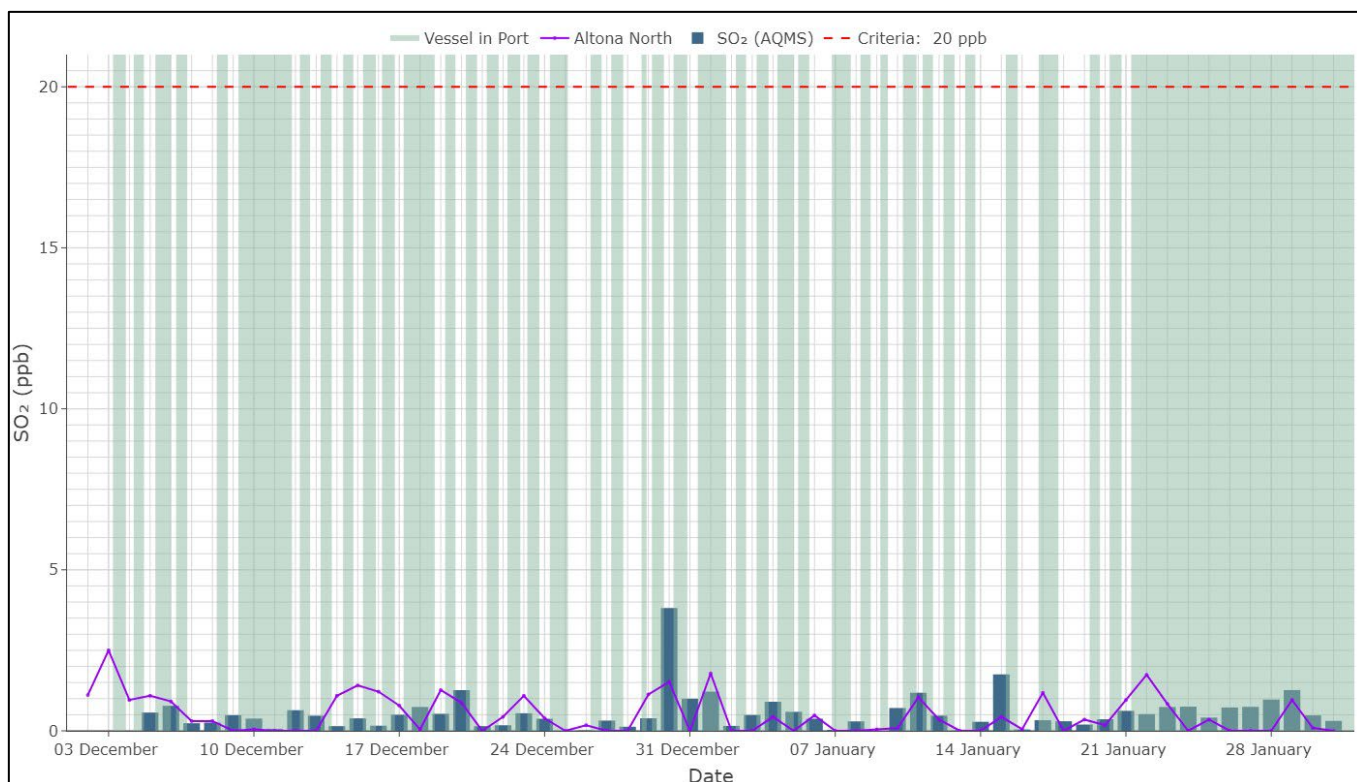


Figure 2.5 24-hour average SO_2 concentrations ($\mu\text{g}/\text{m}^3$) at Station Pier and local EPA stations (December 2023 - January 2024) (criteria: $20 \mu\text{g}/\text{m}^3$)

Attachment 2

January 2024 NATA Accredited data



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



GHD for Ports Victoria

**GHD for Ports Victoria Ambient
GHD Station Pier**

Ambient Air Quality Monitoring

1st January to 31st January 2024

Report No: DAT20885

Issue Date: 8th March 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									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/01/24 00:05	0.133	1.386	1.519	0.118			1.8	152	32
01/01/24 00:10	0.135	1.396	1.531	0.095			1.9	155	33
01/01/24 00:15	0.086	1.451	1.537	0.173			1.1	177	47
01/01/24 00:20	0.006	1.446	1.453	0.255			2.0	153	26
01/01/24 00:25	-0.142	1.504	1.363	0.233			2.6	151	18
01/01/24 00:30	-0.132	1.474	1.342	0.215			1.4	172	43
01/01/24 00:35	-0.115	1.503	1.388	0.166			2.5	148	24
01/01/24 00:40	-0.045	1.485	1.441	0.228			3.0	147	17
01/01/24 00:45	-0.027	1.522	1.494	0.209			1.3	153	39
01/01/24 00:50	-0.041	1.516	1.476	0.200			2.3	146	22
01/01/24 00:55	-0.036	1.569	1.533	0.162			2.0	157	24
01/01/24 01:00	-0.062	1.657	1.595	0.168			2.7	149	14
01/01/24 01:05							2.3	153	19
01/01/24 01:10							2.0	157	19
01/01/24 01:15							0.5	152	65
01/01/24 01:20							1.1	146	38
01/01/24 01:25							1.0	156	38
01/01/24 01:30							1.9	155	21
01/01/24 01:35							1.2	147	38
01/01/24 01:40							1.3	153	29
01/01/24 01:45							1.0	160	39
01/01/24 01:50							2.0	153	22
01/01/24 01:55							1.5	149	24
01/01/24 02:00							1.3	127	28
01/01/24 02:05	0.016	1.868	1.884	0.246			1.0	139	45
01/01/24 02:10	0.129	1.919	2.047	0.167			1.8	122	13
01/01/24 02:15	0.101	2.036	2.137	0.171			1.6	137	21
01/01/24 02:20	0.003	2.186	2.189	0.149			1.3	146	29
01/01/24 02:25	0.073	2.331	2.404	0.176			0.9	145	40
01/01/24 02:30	0.018	2.464	2.482	0.245			0.9	146	36
01/01/24 02:35	-0.074	2.529	2.455	0.276			0.8	139	37
01/01/24 02:40	-0.172	2.614	2.442	0.334			1.5	124	14
01/01/24 02:45	-0.127	2.636	2.509	0.381			1.2	129	30
01/01/24 02:50	-0.072	2.598	2.526	0.371			1.2	145	40
01/01/24 02:55	0.014	2.669	2.683	0.363			1.4	131	28
01/01/24 03:00	0.116	2.930	3.046	0.379			1.5	121	23
01/01/24 03:05	0.173	3.185	3.358	0.360			1.7	145	25
01/01/24 03:10	0.137	3.577	3.714	0.369			1.5	132	23
01/01/24 03:15	0.113	3.809	3.922	0.432			1.6	158	24
01/01/24 03:20	0.215	3.645	3.860	0.468			0.7	154	50
01/01/24 03:25	0.288	3.715	4.004	0.465			1.4	135	23
01/01/24 03:30	0.309	4.016	4.325	0.419			1.0	132	26
01/01/24 03:35	0.193	3.913	4.107	0.462			1.1	133	30
01/01/24 03:40	0.187	3.707	3.894	0.426			1.3	133	24
01/01/24 03:45	0.149	3.929	4.078	0.463			1.5	123	16
01/01/24 03:50	0.163	4.244	4.407	0.481			1.4	119	17
01/01/24 03:55	0.236	4.115	4.351	0.446			1.2	127	16
01/01/24 04:00	0.137	4.003	4.139	0.390			1.1	89	24
01/01/24 04:05	0.080	4.211	4.291	0.378			0.8	95	17
01/01/24 04:10	0.056	4.284	4.339	0.397			1.0	93	19
01/01/24 04:15	0.079	4.272	4.350	0.359			1.1	92	16
01/01/24 04:20	0.020	4.119	4.138	0.384			1.3	98	20
01/01/24 04:25	-0.017	3.997	3.980	0.423			1.1	92	20
01/01/24 04:30	-0.049	3.978	3.928	0.452			0.8	89	21
01/01/24 04:35	0.017	4.000	4.017	0.463			0.8	96	22
01/01/24 04:40	0.203	4.135	4.338	0.454			0.9	87	15
01/01/24 04:45	0.416	4.425	4.841	0.462			0.9	65	21
01/01/24 04:50	0.591	5.440	6.031	0.469			0.7	51	16
01/01/24 04:55	1.337	8.053	9.390	0.429			0.6	59	21
01/01/24 05:00	1.517	8.425	9.943	0.467			0.7	63	17
01/01/24 05:05	1.575	8.741	10.316	0.383			0.7	53	12
01/01/24 05:10	1.821	9.303	11.124	0.422			0.9	60	12
01/01/24 05:15	2.582	11.065	13.647	0.401			0.6	82	19
01/01/24 05:20	2.163	9.252	11.415	0.429			0.5	103	31
01/01/24 05:25	1.748	8.449	10.197	0.532			0.5	88	38
01/01/24 05:30	1.361	5.986	7.347	0.615			0.4	138	20
01/01/24 05:35	1.083	5.212	6.295	0.637			0.4	147	30
01/01/24 05:40	1.049	5.013	6.061	0.715			0.6	189	16
01/01/24 05:45	0.968	4.628	5.596	0.815			0.4	166	30
01/01/24 05:50	1.093	4.702	5.796	0.840			0.4	172	30
01/01/24 05:55	1.453	5.322	6.775	0.851			0.4	164	30
01/01/24 06:00	2.042	6.076	8.118	0.930			0.4	142	28
01/01/24 06:05	3.141	8.381	11.522	1.047			0.5	146	35
01/01/24 06:10	3.245	8.292	11.537	1.157			0.5	167	35
01/01/24 06:15	3.277	7.203	10.479	1.281			0.4	219	28
01/01/24 06:20	3.434	6.835	10.268	1.349			0.5	228	24
01/01/24 06:25	3.004	3.569	6.573	1.409			0.7	233	25
01/01/24 06:30	2.725	2.771	5.496	1.469			0.5	212	28
01/01/24 06:35	2.492	2.841	5.333	1.493			0.6	213	30
01/01/24 06:40	2.235	3.040	5.275	1.516			0.5	189	40
01/01/24 06:45	2.140	2.967	5.107	1.675			0.6	182	37
01/01/24 06:50	1.951	2.793	4.744	1.750			0.7	201	27
01/01/24 06:55	1.723	2.759	4.483	1.746			0.5	180	46
01/01/24 07:00	1.406	2.910	4.317	1.848			0.5	167	36
01/01/24 07:05	1.322	2.903	4.225	1.920			0.5	171	37
01/01/24 07:10	1.443	2.879	4.322	1.862			0.6	182	31
01/01/24 07:15	1.649	2.912	4.561	1.821			0.6	199	42
01/01/24 07:20	1.665	2.769	4.435	1.911			0.8	213	22
01/01/24 07:25	1.943	2.731	4.674	1.887			0.5	172	46
01/01/24 07:30	1.935	2.775	4.709	1.837			0.5	194	37
01/01/24 07:35	1.839	2.735	4.574	1.766			0.6	207	28
01/01/24 07:40	1.658	2.640	4.298	1.781			0.5	176	39
01/01/24 07:45	1.630	2.439	4.069	1.839			0.4	175	50
01/01/24 07:50	1.677	2.327	4.005	1.976			0.7	159	34
01/01/24 07:55	1.733	2.338	4.071	2.037			0.6	185	36
01/01/24 08:00	1.752	2.331	4.084	2.126			0.5	165	41
01/01/24 08:05	1.803	2.311	4.114	2.148			0.3	196	61
01/01/24 08:10	5.158	3.080	8.238	2.302			0.6	154	45
01/01/24 08:15	1.624	2.390	4.014	2.341			1.0	148	27
01/01/24 08:20	1.996	2.234	4.230	2.322			0.6	155	38
01/01/24 08:25	2.012	2.270	4.282	2.383			0.6	124	34
01/01/24 08:30	1.976	2.305	4.281	2.419			0.8	116	21
01/01/24 08:35	1.838	2.424	4.262	2.345			0.5	149	35
01/01/24 08:40	1.811	2.446	4.257	2.351			0.3	163	61
01/01/24 08:45	1.756	2.543	4.299	2.377			0.5	186	51
01/01/24 08:50	1.907	2.730	4.637	2.265			0.5	216	37

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/01/24 08:55	2.002	2.841	4.843	2.192			0.7	231	30
01/01/24 09:00	2.140	2.841	4.981	2.186			0.7	224	22
01/01/24 09:05	3.303	3.212	6.515	2.276			0.8	220	31
01/01/24 09:10	2.578	3.011	5.589	2.246			1.1	224	12
01/01/24 09:15	2.096	2.993	5.089	2.204			0.6	218	35
01/01/24 09:20	2.055	3.022	5.077	2.217			0.4	167	59
01/01/24 09:25	1.889	2.908	4.798	2.273			0.8	192	27
01/01/24 09:30	1.857	2.756	4.612	2.310			0.6	169	47
01/01/24 09:35	1.685	2.827	4.512	2.370			0.9	159	33
01/01/24 09:40	1.537	2.790	4.327	2.391			0.9	173	30
01/01/24 09:45	1.605	2.737	4.342	2.299			0.9	191	31
01/01/24 09:50	1.624	2.639	4.263	2.224			0.7	175	39
01/01/24 09:55	1.554	2.636	4.190	2.131			0.7	177	40
01/01/24 10:00	1.390	2.629	4.018	2.085			0.8	203	35
01/01/24 10:05	1.434	2.636	4.070	2.061			0.7	203	34
01/01/24 10:10	1.563	2.693	4.256	2.006			0.8	201	32
01/01/24 10:15	1.716	2.779	4.495	1.943			1.3	213	24
01/01/24 10:20	1.991	2.919	4.910	1.904			1.4	214	23
01/01/24 10:25	1.836	2.858	4.693	1.816			1.5	221	17
01/01/24 10:30	1.953	2.926	4.879	1.728			1.7	222	15
01/01/24 10:35	1.836	2.658	4.494	1.709			1.6	224	14
01/01/24 10:40	1.780	2.610	4.389	1.594			1.7	226	11
01/01/24 10:45	1.769	2.540	4.309	1.503			2.3	226	10
01/01/24 10:50	1.578	2.357	3.935	1.488			2.2	227	13
01/01/24 10:55	1.371	2.436	3.807	1.469			2.5	228	09
01/01/24 11:00	1.754	2.692	4.446	1.483			2.5	223	10
01/01/24 11:05	1.974	2.836	4.810	1.530			2.2	228	09
01/01/24 11:10	1.770	2.985	4.755	1.518			2.4	225	10
01/01/24 11:15	1.328	2.994	4.322	1.463			2.2	222	14
01/01/24 11:20	1.391	3.035	4.426	1.447			3.1	229	06
01/01/24 11:25	1.490	2.798	4.288	1.460			3.0	229	06
01/01/24 11:30	1.575	2.735	4.309	1.458			2.6	229	08
01/01/24 11:35	1.756	2.464	4.221	1.382			2.7	230	07
01/01/24 11:40	1.894	2.482	4.376	1.336			2.5	225	08
01/01/24 11:45	2.112	3.564	5.675	1.313			1.7	218	17
01/01/24 11:50	1.729	3.112	4.841	1.296			1.9	223	13
01/01/24 11:55	1.679	3.219	4.899	1.238			1.8	220	20
01/01/24 12:00	1.741	3.386	5.127	1.254			2.5	221	11
01/01/24 12:05	1.511	2.123	3.635	1.273			2.3	221	13
01/01/24 12:10	1.384	2.471	3.856	1.240			1.9	220	16
01/01/24 12:15	1.318	2.913	4.231	1.241			2.2	220	12
01/01/24 12:20	1.383	3.019	4.403	1.250			2.0	221	12
01/01/24 12:25	1.435	2.968	4.404	1.306			1.9	220	13
01/01/24 12:30	1.369	3.016	4.384	1.368			2.0	220	16
01/01/24 12:35	1.281	2.963	4.244	1.395			1.7	221	20
01/01/24 12:40	1.922	3.700	5.621	1.449			1.8	216	19
01/01/24 12:45	1.731	3.087	4.818	1.382			1.4	218	23
01/01/24 12:50	1.435	2.541	3.976	1.457			1.2	212	26
01/01/24 12:55	2.347	4.536	6.883	1.539			1.4	215	21
01/01/24 13:00	3.162	5.492	8.654	1.674			2.0	217	15
01/01/24 13:05	3.898	5.997	9.895	1.772			1.8	216	15
01/01/24 13:10	9.539	8.422	17.960	1.881			1.7	215	18
01/01/24 13:15	21.645	20.959	42.604	2.154			1.9	215	17
01/01/24 13:20	9.039	7.644	16.683	2.406			2.4	217	13
01/01/24 13:25	6.135	5.826	11.962	2.372			2.3	218	17
01/01/24 13:30	6.601	6.090	12.691	2.337			2.6	221	13
01/01/24 13:35	11.787	10.157	21.944	2.260			2.3	221	13
01/01/24 13:40	19.442	15.968	35.410	2.451			2.5	221	13
01/01/24 13:45	6.902	7.055	13.958	2.505			3.2	222	11
01/01/24 13:50	3.614	6.472	10.086	2.470			2.5	221	13
01/01/24 13:55	9.200	9.610	18.810	2.181			2.9	219	13
01/01/24 14:00	13.679	11.332	25.012	2.034			2.8	218	12
01/01/24 14:05	8.212	4.881	13.094	2.117			3.9	226	07
01/01/24 14:10	3.644	6.468	10.112	2.182			4.0	227	09
01/01/24 14:15	3.491	3.982	7.472	2.179			4.8	228	06
01/01/24 14:20	4.893	6.759	11.652	2.019			4.2	227	07
01/01/24 14:25	12.897	12.076	24.974	2.060			4.3	226	07
01/01/24 14:30	9.291	9.329	18.620	1.979			4.0	224	07
01/01/24 14:35	7.958	6.938	14.897	1.961			4.4	227	07
01/01/24 14:40	6.222	6.071	12.293	1.735			4.4	227	08
01/01/24 14:45	19.965	14.436	34.401	1.835			3.9	222	09
01/01/24 14:50	13.120	9.909	23.029	2.142			4.5	226	07
01/01/24 14:55	21.514	14.726	36.240	2.333			3.7	223	08
01/01/24 15:00	27.112	11.995	39.107	2.554			4.2	221	10
01/01/24 15:05	21.214	9.493	30.707	2.665			3.6	219	12
01/01/24 15:10	21.462	8.344	29.806	2.646			3.2	219	11
01/01/24 15:15	14.970	7.865	22.836	2.696			3.8	221	09
01/01/24 15:20	20.035	6.427	26.462	2.675			3.4	218	13
01/01/24 15:25	30.983	16.667	47.651	2.648			4.0	224	06
01/01/24 15:30	10.784	5.841	16.625	2.660			3.8	225	08
01/01/24 15:35	9.843	8.712	18.555	2.528			3.0	220	13
01/01/24 15:40	5.985	5.126	11.111	2.500			3.9	228	07
01/01/24 15:45	2.800	4.624	7.424	2.258			3.8	228	06
01/01/24 15:50	4.265	9.798	14.063	2.089			3.7	225	07
01/01/24 15:55	5.991	14.058	20.049	1.847			3.5	225	08
01/01/24 16:00	8.198	8.396	16.593	1.739			3.0	219	12
01/01/24 16:05	18.689	8.452	27.141	1.896			2.3	215	15
01/01/24 16:10	13.366	6.920	20.286	1.970			2.3	219	14
01/01/24 16:15	12.278	9.064	21.342	2.147			2.9	222	09
01/01/24 16:20	4.589	9.032	13.620	2.275			3.2	219	12
01/01/24 16:25	12.018	8.555	20.573	2.386			3.1	221	10
01/01/24 16:30	10.060	8.401	18.462	2.628			3.2	221	10
01/01/24 16:35	10.426	11.638	22.063	2.637			3.4	221	11
01/01/24 16:40	19.232	13.479	32.711	2.600			3.7	219	10
01/01/24 16:45	11.633	7.971	19.605	2.742			3.8	224	09
01/01/24 16:50	23.926	16.515	40.441	3.031			4.2	224	07
01/01/24 16:55	15.657	8.114	23.770	3.499			3.7	226	10
01/01/24 17:00	8.579	9.508	18.086	3.358			4.5	221	10
01/01/24 17:05	37.375	13.929	51.304	3.313			5.2	225	06
01/01/24 17:10	47.935	28.714	76.649	3.891			4.4	215	11
01/01/24 17:15	16.899	10.496	27.395	4.479			4.9	224	07
01/01/24 17:20	1.097	4.795	5.892	3.809			5.1	224	09
01/01/24 17:25	1.127	1.278	2.404	3.011			5.3	226	08
01/01/24 17:30	0.516	1.410	1.926	2.267			4.7	228	08
01/01/24 17:35	0.303	1.359	1.662	1.942			5.2	233	05
01/01/24 17:40	0.415	1.653	2.068	1.784			5.0	236	05

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/01/24 17:45	0.527	1.801	2.328	1.446			5.6	232	06
01/01/24 17:50	0.519	1.799	2.318	1.320			5.6	232	05
01/01/24 17:55	0.529	1.717	2.245	1.189			5.6	228	06
01/01/24 18:00	0.543	1.687	2.230	0.989			4.6	228	08
01/01/24 18:05	0.623	1.696	2.319	0.708			5.6	224	06
01/01/24 18:10	0.455	1.523	1.979	0.725			5.0	232	05
01/01/24 18:15	0.354	1.316	1.669	0.740			5.7	227	07
01/01/24 18:20	0.320	1.114	1.434	0.628			5.1	230	06
01/01/24 18:25	0.322	0.930	1.252	0.682			5.7	227	05
01/01/24 18:30	0.250	0.762	1.012	0.690			5.2	225	08
01/01/24 18:35	0.193	0.680	0.873	0.468			4.8	229	07
01/01/24 18:40	0.173	0.668	0.841	0.376			5.3	225	08
01/01/24 18:45	0.174	0.629	0.802	0.357			5.5	228	06
01/01/24 18:50	0.144	0.650	0.794	0.338			5.0	229	07
01/01/24 18:55	0.230	0.727	0.957	0.438			4.0	230	09
01/01/24 19:00	0.223	0.866	1.090	0.430			4.5	230	07
01/01/24 19:05	0.160	0.803	0.963	0.477			4.1	230	06
01/01/24 19:10	0.045	0.810	0.856	0.481			4.8	231	05
01/01/24 19:15	-0.117	0.889	0.772	0.265			4.2	230	06
01/01/24 19:20	-0.153	0.965	0.812	0.327			3.8	228	08
01/01/24 19:25	-0.120	1.025	0.905	0.430			4.2	228	08
01/01/24 19:30	-0.134	1.200	1.066	0.477			4.1	226	07
01/01/24 19:35	-0.133	1.234	1.101	0.385			4.1	227	08
01/01/24 19:40	-0.246	1.302	1.056	0.301			3.9	227	06
01/01/24 19:45	-0.193	1.232	1.039	0.258			3.7	228	09
01/01/24 19:50	-0.072	1.180	1.108	0.252			2.6	221	14
01/01/24 19:55	-0.097	1.132	1.035	0.197			2.2	210	15
01/01/24 20:00	-0.137	1.043	0.906	0.239			2.6	214	16
01/01/24 20:05	-0.089	0.900	0.811	0.297			2.5	216	13
01/01/24 20:10	-0.162	0.833	0.671	0.202			2.8	221	11
01/01/24 20:15	-0.032	0.686	0.654	0.134			3.0	220	14
01/01/24 20:20	-0.156	0.632	0.476	0.150			2.9	218	12
01/01/24 20:25	-0.088	0.657	0.569	0.147			2.4	211	13
01/01/24 20:30	0.001	0.690	0.692	0.077			2.6	211	12
01/01/24 20:35	-0.075	0.638	0.562	0.043			2.5	211	14
01/01/24 20:40	-0.227	0.612	0.385	0.127			2.5	213	12
01/01/24 20:45	-0.221	0.677	0.455	0.183			2.1	216	12
01/01/24 20:50	-0.077	0.612	0.535	0.122			1.9	214	14
01/01/24 20:55	0.019	0.639	0.658	0.192			2.6	220	13
01/01/24 21:00	0.068	0.680	0.748	0.327			2.7	221	14
01/01/24 21:05	-0.059	0.691	0.632	0.336			3.1	221	11
01/01/24 21:10	-0.077	0.689	0.612	0.334			2.2	213	13
01/01/24 21:15	0.022	0.680	0.702	0.275			2.4	219	15
01/01/24 21:20	-0.081	0.712	0.631	0.213			2.6	228	11
01/01/24 21:25	-0.076	0.687	0.610	0.283			2.6	230	09
01/01/24 21:30	-0.017	0.713	0.696	0.282			2.9	228	08
01/01/24 21:35	-0.044	0.840	0.796	0.217			1.7	232	14
01/01/24 21:40	-0.045	1.047	1.002	0.239			1.8	233	14
01/01/24 21:45	0.047	1.255	1.302	0.180			1.3	234	13
01/01/24 21:50	-0.017	1.487	1.470	0.129			1.5	233	17
01/01/24 21:55	0.015	1.502	1.517	0.126			1.2	230	21
01/01/24 22:00	0.016	1.635	1.651	0.128			1.2	231	22
01/01/24 22:05	-0.054	1.711	1.657	0.134			1.7	234	10
01/01/24 22:10	-0.032	1.522	1.490	0.142			1.6	233	14
01/01/24 22:15	-0.040	1.357	1.318	0.229			1.5	233	13
01/01/24 22:20	-0.049	1.291	1.242	0.240			1.6	233	15
01/01/24 22:25	-0.051	1.173	1.122	0.215			1.7	231	16
01/01/24 22:30	-0.116	1.096	0.979	0.227			1.6	231	13
01/01/24 22:35	-0.049	0.989	0.940	0.148			1.2	234	17
01/01/24 22:40	0.006	0.988	0.993	0.184			1.3	233	19
01/01/24 22:45	-0.078	1.040	0.962	0.177			2.0	231	10
01/01/24 22:50	-0.044	0.949	0.905	0.193			1.4	237	15
01/01/24 22:55	0.025	0.901	0.925	0.064			1.9	236	11
01/01/24 23:00	0.085	0.964	1.049	0.046			2.3	231	07
01/01/24 23:05	0.140	1.052	1.193	0.039			1.8	232	13
01/01/24 23:10	0.121	1.036	1.157	0.015			1.9	234	10
01/01/24 23:15	0.078	0.989	1.067	0.081			1.1	230	19
01/01/24 23:20	0.062	0.927	0.989	0.141			1.4	232	19
01/01/24 23:25	0.037	0.958	0.995	0.234			1.5	236	17
01/01/24 23:30	0.041	1.019	1.060	0.294			1.1	233	16
01/01/24 23:35	0.051	1.080	1.131	0.183			1.3	233	20
01/01/24 23:40	0.022	0.964	0.986	0.156			1.4	238	19
01/01/24 23:45	0.018	0.924	0.942	-0.041			1.2	233	21
01/01/24 23:50	0.024	0.940	0.964				1.1	234	26
01/01/24 23:55	0.075	0.960	1.034				1.3	236	22
02/01/24 00:00	-0.013	0.978	0.966				1.2	238	21
02/01/24 00:05	-0.134	1.417	1.283	0.120			1.0	242	25
02/01/24 00:10	-0.015	1.837	1.822	0.091			1.1	243	30
02/01/24 00:15	0.034	2.056	2.089	0.116			1.1	233	23
02/01/24 00:20	-0.001	2.117	2.116	0.127			1.3	234	19
02/01/24 00:25	-0.058	2.088	2.031	0.099			1.1	247	24
02/01/24 00:30	-0.034	2.049	2.016	0.121			1.3	248	19
02/01/24 00:35	-0.035	1.966	1.931	0.205			0.9	239	28
02/01/24 00:40	-0.009	1.738	1.730	0.137			1.0	236	24
02/01/24 00:45	-0.037	1.679	1.642	0.171			0.9	249	30
02/01/24 00:50	0.047	1.612	1.659	0.201			0.7	249	39
02/01/24 00:55	0.092	1.447	1.538	0.209			0.9	249	27
02/01/24 01:00	0.027	1.502	1.529	0.110			1.1	247	26
02/01/24 01:05							0.8	240	28
02/01/24 01:10							1.7	253	16
02/01/24 01:15							1.0	242	28
02/01/24 01:20							1.2	249	22
02/01/24 01:25							1.3	248	23
02/01/24 01:30							1.5	250	20
02/01/24 01:35							1.5	252	17
02/01/24 01:40							1.2	250	21
02/01/24 01:45							0.9	236	28
02/01/24 01:50							1.3	251	20
02/01/24 01:55							1.1	246	28
02/01/24 02:00							1.3	255	20
02/01/24 02:05	0.238	1.696	1.934	0.249			1.7	251	20
02/01/24 02:10	0.264	1.740	2.004	0.201			1.7	253	19
02/01/24 02:15	0.328	2.207	2.535	0.166			1.4	243	20
02/01/24 02:20	0.262	2.085	2.347	0.181			1.5	231	12
02/01/24 02:25	0.166	1.882	2.047	0.165			1.8	231	08
02/01/24 02:30	0.040	1.832	1.872	0.196			1.8	227	08

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/01/24 02:35	-0.031	1.653	1.622	0.101			1.2	234	16
02/01/24 02:40	-0.129	1.534	1.404	0.066			1.2	231	15
02/01/24 02:45	-0.111	1.479	1.368	-0.001			1.0	231	14
02/01/24 02:50	-0.158	1.417	1.259	-0.039			1.3	225	18
02/01/24 02:55	-0.078	1.324	1.247	-0.004			0.9	223	24
02/01/24 03:00	-0.059	1.305	1.246	0.109			1.1	227	12
02/01/24 03:05	0.002	1.342	1.344	0.178			1.1	230	16
02/01/24 03:10	-0.039	1.560	1.521	0.300			1.7	224	10
02/01/24 03:15	-0.131	1.410	1.279	0.318			1.2	225	10
02/01/24 03:20	-0.144	1.288	1.145	0.264			1.3	218	12
02/01/24 03:25	-0.073	1.252	1.179	0.192			1.0	216	13
02/01/24 03:30	-0.114	1.352	1.237	0.121			0.8	225	17
02/01/24 03:35	-0.038	1.429	1.391	0.164			0.7	229	28
02/01/24 03:40	0.035	1.366	1.402	0.140			1.1	218	13
02/01/24 03:45	0.045	1.386	1.430	0.203			1.0	212	20
02/01/24 03:50	-0.007	1.482	1.475	0.327			1.1	219	13
02/01/24 03:55	-0.041	1.601	1.560	0.203			1.2	204	12
02/01/24 04:00	-0.007	1.554	1.547	0.186			0.8	212	24
02/01/24 04:05	0.052	1.505	1.558	0.049			0.7	191	16
02/01/24 04:10	0.125	1.692	1.817	0.068			0.8	206	13
02/01/24 04:15	0.095	1.914	2.009	0.058			0.2	228	44
02/01/24 04:20	0.163	2.443	2.606	0.144			0.2	210	57
02/01/24 04:25	0.204	3.035	3.239	0.131			0.3	265	40
02/01/24 04:30	0.209	3.270	3.480	0.117			0.2	275	51
02/01/24 04:35	0.219	3.364	3.583	0.259			0.5	319	25
02/01/24 04:40	0.146	3.491	3.637	0.142			0.3	278	35
02/01/24 04:45	0.167	3.560	3.727	0.200			0.3	275	29
02/01/24 04:50	0.142	3.462	3.604	0.058			0.8	280	16
02/01/24 04:55	0.098	3.295	3.393	0.120			0.8	302	21
02/01/24 05:00	0.090	3.298	3.388	0.102			0.8	261	21
02/01/24 05:05	0.202	3.414	3.616	0.030			0.7	293	29
02/01/24 05:10	0.341	4.987	5.328	0.047			1.0	314	11
02/01/24 05:15	0.872	12.455	13.327	0.120			1.0	318	12
02/01/24 05:20	1.467	17.061	18.527	0.082			0.8	273	28
02/01/24 05:25	1.190	8.643	9.833	0.092			1.5	269	16
02/01/24 05:30	0.874	6.830	7.703	0.208			1.6	265	12
02/01/24 05:35	0.738	7.802	8.540	0.219			1.5	269	17
02/01/24 05:40	0.700	8.238	8.938	0.162			1.5	271	15
02/01/24 05:45	1.183	9.734	10.916	0.132			0.8	257	25
02/01/24 05:50	1.484	10.948	12.432	0.161			1.2	268	19
02/01/24 05:55	1.737	10.990	12.727	0.191			1.2	311	15
02/01/24 06:00	2.272	12.606	14.878	0.263			1.3	274	23
02/01/24 06:05	1.984	5.951	7.935	0.312			1.4	271	15
02/01/24 06:10	1.941	7.913	9.854	0.243			1.0	270	23
02/01/24 06:15	2.617	12.135	14.752	0.251			0.8	289	25
02/01/24 06:20	3.648	15.258	18.907	0.306			0.9	321	16
02/01/24 06:25	4.482	14.849	19.331	0.383			0.8	307	18
02/01/24 06:30	4.847	14.407	19.254	0.354			1.1	306	21
02/01/24 06:35	4.983	13.861	18.843	0.385			1.2	328	26
02/01/24 06:40	5.796	13.694	19.490	0.471			0.9	33	35
02/01/24 06:45	6.129	13.227	19.356	0.458			1.1	42	22
02/01/24 06:50	6.042	11.904	17.946	0.348			0.5	15	48
02/01/24 06:55	5.257	9.176	14.433	0.173			0.9	297	31
02/01/24 07:00	4.172	8.973	13.145	0.149			0.6	298	30
02/01/24 07:05	3.986	8.687	12.672	0.188			1.1	296	21
02/01/24 07:10	4.123	8.559	12.683	0.230			0.9	287	20
02/01/24 07:15	4.217	8.445	12.662	0.252			0.8	293	22
02/01/24 07:20	4.168	8.353	12.521	0.324			1.0	286	24
02/01/24 07:25	4.197	8.259	12.456	0.459			1.2	303	15
02/01/24 07:30	4.420	8.320	12.740	0.460			1.5	269	11
02/01/24 07:35	4.781	8.457	13.238	0.452			1.0	281	26
02/01/24 07:40	5.637	8.958	14.595	0.363			1.4	313	25
02/01/24 07:45	7.633	10.447	18.080	0.390			0.6	28	60
02/01/24 07:50	11.487	11.402	22.890	0.405			1.1	323	37
02/01/24 07:55	10.891	10.679	21.571	0.353			1.1	17	28
02/01/24 08:00	11.957	10.514	22.471	0.218			0.7	19	40
02/01/24 08:05	9.348	10.999	20.347	0.226			0.6	298	22
02/01/24 08:10	9.121	10.350	19.472	0.210			1.1	263	15
02/01/24 08:15	8.744	10.300	19.045	0.345			0.8	266	18
02/01/24 08:20	9.249	8.919	18.168	0.425			0.2	313	72
02/01/24 08:25	9.029	7.992	17.021	0.464			0.4	300	68
02/01/24 08:30	9.117	8.602	17.719	0.550			1.3	274	21
02/01/24 08:35	10.250	9.902	20.152	0.528			1.8	263	17
02/01/24 08:40	17.054	12.657	29.711	0.506			0.7	247	26
02/01/24 08:45	14.945	13.906	28.851	0.485			1.3	261	15
02/01/24 08:50	22.116	16.913	39.029	0.438			1.1	249	17
02/01/24 08:55	20.115	10.887	31.001	0.499			0.9	242	25
02/01/24 09:00	11.817	9.549	21.366	0.657			0.5	234	36
02/01/24 09:05	11.298	9.531	20.829	0.730			1.0	232	15
02/01/24 09:10	11.893	10.173	22.066	0.750			1.6	229	09
02/01/24 09:15	15.215	14.073	29.288	0.814			1.7	226	07
02/01/24 09:20	19.029	12.921	31.950	0.857			1.3	227	09
02/01/24 09:25	22.335	15.011	37.347	0.976			1.0	229	13
02/01/24 09:30	35.716	16.431	52.147	1.162			0.7	225	26
02/01/24 09:35	24.408	14.336	38.744	1.366			0.9	197	32
02/01/24 09:40	20.704	13.124	33.828	1.307			1.0	180	32
02/01/24 09:45	20.752	12.364	33.116	1.290			0.7	187	41
02/01/24 09:50	13.188	10.990	24.178	1.289			0.9	196	27
02/01/24 09:55	11.515	10.186	21.701	1.290			0.9	188	26
02/01/24 10:00	11.115	10.328	21.443	1.193			1.1	213	27
02/01/24 10:05	12.462	9.883	22.345	1.205			1.1	208	23
02/01/24 10:10	11.249	10.254	21.503	1.118			1.2	187	23
02/01/24 10:15	10.787	10.103	20.889	1.198			1.0	191	30
02/01/24 10:20	10.570	10.106	20.676	1.073			1.2	192	24
02/01/24 10:25	10.840	10.014	20.855	0.960			0.9	192	31
02/01/24 10:30	10.810	9.585	20.395	0.903			1.2	192	25
02/01/24 10:35	10.134	8.956	19.090	0.901			1.0	191	27
02/01/24 10:40	9.419	7.732	17.152	0.868			1.3	193	25
02/01/24 10:45	8.950	7.805	16.755	0.778			0.9	185	42
02/01/24 10:50	8.714	8.168	16.882	0.765			0.9	171	40
02/01/24 10:55	8.346	8.017	16.363	0.839			1.2	200	32
02/01/24 11:00	8.412	8.081	16.493	0.847			1.0	203	28
02/01/24 11:05	7.791	4.629	12.420	0.863			1.6	192	23
02/01/24 11:10	6.374	4.513	10.888	0.820			0.9	197	33
02/01/24 11:15	4.125	2.854	6.979	0.745			1.0	194	35
02/01/24 11:20	3.342	3.327	6.669	0.707			1.1	217	29

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/01/24 11:25	2.547	3.941	6.488	0.641			1.3	218	26
02/01/24 11:30	3.980	12.629	16.609	0.631			1.8	224	16
02/01/24 11:35	3.981	3.499	7.480	0.578			2.1	225	12
02/01/24 11:40	2.511	3.764	6.275	0.553			1.9	220	19
02/01/24 11:45	2.591	4.029	6.620	0.440			2.0	228	15
02/01/24 11:50	2.689	4.093	6.782	0.366			1.8	231	17
02/01/24 11:55	2.556	3.799	6.355	0.320			1.8	225	16
02/01/24 12:00	2.734	3.984	6.718	0.369			2.0	220	21
02/01/24 12:05	3.995	4.876	8.871	0.379			1.9	224	16
02/01/24 12:10	3.437	5.639	9.075	0.375			1.9	223	16
02/01/24 12:15	3.424	6.815	10.240	0.337			1.7	220	17
02/01/24 12:20	3.348	6.551	9.899	0.308			2.0	217	17
02/01/24 12:25	3.491	6.869	10.361	0.241			2.0	217	16
02/01/24 12:30	2.923	5.556	8.479	0.256			1.8	219	18
02/01/24 12:35	2.846	6.939	9.786	0.301			1.8	214	23
02/01/24 12:40	2.491	5.582	8.073	0.352			2.2	227	13
02/01/24 12:45	2.015	4.411	6.426	0.331			2.3	230	10
02/01/24 12:50	1.974	5.766	7.740	0.296			1.8	220	20
02/01/24 12:55	2.256	6.954	9.210	0.352			1.6	215	17
02/01/24 13:00	2.022	3.334	5.356	0.389			1.6	218	23
02/01/24 13:05	2.321	9.148	11.469	0.459			1.8	222	17
02/01/24 13:10	3.353	6.875	10.228	0.528			1.8	207	18
02/01/24 13:15	2.865	6.136	9.000	0.567			2.0	210	20
02/01/24 13:20	5.562	10.953	16.515	0.622			1.7	212	20
02/01/24 13:25	2.949	9.097	12.046	0.604			1.9	222	17
02/01/24 13:30	4.304	9.215	13.519	0.594			2.7	222	18
02/01/24 13:35	0.911	5.422	6.332	0.603			3.4	227	13
02/01/24 13:40	1.068	5.780	6.848	0.528			3.1	230	11
02/01/24 13:45	1.534	4.115	5.650	0.480			2.5	230	13
02/01/24 13:50	0.198	4.708	4.906	0.411			2.0	236	17
02/01/24 13:55	0.290	4.349	4.639	0.327			2.8	240	14
02/01/24 14:00	0.248	3.543	3.790	0.240			2.8	238	14
02/01/24 14:05	0.122	3.377	3.499	0.137			4.0	241	14
02/01/24 14:10	0.019	3.330	3.349	0.092			4.4	246	12
02/01/24 14:15	0.072	3.179	3.251	0.101			4.7	249	11
02/01/24 14:20	0.130	2.876	3.007	0.080			4.9	252	08
02/01/24 14:25	0.170	2.982	3.152	0.044			4.1	247	12
02/01/24 14:30	0.183	3.105	3.288	0.105			3.7	248	12
02/01/24 14:35	0.204	3.143	3.348	0.120			3.0	241	14
02/01/24 14:40	0.355	2.837	3.192	0.067			3.8	252	11
02/01/24 14:45	0.709	3.679	4.387	0.110			3.9	252	12
02/01/24 14:50	0.833	4.431	5.263	0.073			3.5	254	11
02/01/24 14:55	0.873	4.629	5.502	0.034			3.0	249	14
02/01/24 15:00	0.709	3.657	4.366	0.075			3.0	252	11
02/01/24 15:05	0.641	3.710	4.352	0.154			3.8	259	10
02/01/24 15:10	1.002	7.718	8.720	0.181			2.7	259	12
02/01/24 15:15	1.288	12.018	13.306	0.233			3.1	263	16
02/01/24 15:20	1.321	11.003	12.324	0.234			2.3	259	18
02/01/24 15:25	1.451	12.053	13.505	0.105			2.9	264	11
02/01/24 15:30	1.771	13.196	14.966	0.107			1.8	257	17
02/01/24 15:35	1.408	6.599	8.007	0.118			1.1	237	20
02/01/24 15:40	1.188	4.343	5.531	0.109			1.4	225	17
02/01/24 15:45	1.204	5.871	7.075	0.064			1.6	208	17
02/01/24 15:50	1.367	6.988	8.355	0.089			1.3	234	14
02/01/24 15:55	8.930	11.891	20.821	0.032			0.8	206	33
02/01/24 16:00	0.333	4.820	5.153	0.019			1.0	199	26
02/01/24 16:05	0.040	2.298	2.338	0.064			0.7	192	33
02/01/24 16:10	0.026	1.989	2.015	0.063			0.9	154	28
02/01/24 16:15	0.136	1.885	2.021	0.027			1.0	133	26
02/01/24 16:20	0.183	1.754	1.937	0.024			1.8	120	10
02/01/24 16:25	0.229	1.826	2.055	-0.081			2.5	112	10
02/01/24 16:30	0.200	2.412	2.612	-0.109			3.0	117	08
02/01/24 16:35	0.191	3.258	3.449	-0.130			2.8	104	16
02/01/24 16:40	0.161	4.249	4.410	-0.205			1.8	79	19
02/01/24 16:45	0.163	5.556	5.719	-0.190			0.7	21	35
02/01/24 16:50	0.149	7.011	7.160	-0.054			0.6	35	32
02/01/24 16:55	0.186	7.848	8.034	0.039			1.3	67	11
02/01/24 17:00	0.416	8.618	9.033	0.028			1.5	82	16
02/01/24 17:05	0.397	9.523	9.920	-0.066			1.7	94	14
02/01/24 17:10	0.314	10.365	10.679	-0.046			1.9	89	14
02/01/24 17:15	0.374	11.006	11.380	-0.021			2.2	75	16
02/01/24 17:20	0.427	11.523	11.950	-0.020			2.0	67	11
02/01/24 17:25	0.444	12.206	12.650	-0.021			2.7	74	12
02/01/24 17:30	0.592	12.827	13.419	-0.043			2.5	74	13
02/01/24 17:35	0.537	13.285	13.822	-0.119			2.3	91	14
02/01/24 17:40	0.516	13.271	13.788	-0.247			2.3	84	23
02/01/24 17:45	0.456	12.917	13.374	-0.256			1.8	46	18
02/01/24 17:50	0.512	12.244	12.756	-0.308			1.3	61	25
02/01/24 17:55	0.506	11.818	12.324	-0.288			1.9	73	19
02/01/24 18:00	0.486	11.631	12.117	-0.323			2.8	65	23
02/01/24 18:05	0.503	11.395	11.897	-0.340			2.6	71	19
02/01/24 18:10	0.557	11.000	11.557	-0.280			2.9	68	15
02/01/24 18:15	0.529	10.338	10.868	-0.301			3.3	75	12
02/01/24 18:20	0.304	9.619	9.923	-0.248			3.1	81	12
02/01/24 18:25	0.309	8.835	9.144	-0.276			4.1	80	16
02/01/24 18:30	0.381	8.020	8.401	-0.297			4.5	87	16
02/01/24 18:35	0.257	7.373	7.630	-0.251			5.0	77	15
02/01/24 18:40	0.573	6.821	7.394	-0.287			4.6	88	15
02/01/24 18:45	0.772	6.480	7.253	-0.392			4.6	82	14
02/01/24 18:50	0.725	6.141	6.866	-0.444			4.3	85	21
02/01/24 18:55	0.709	5.663	6.372	-0.458			4.2	84	16
02/01/24 19:00	0.491	5.433	5.924	-0.499			3.7	82	19
02/01/24 19:05	0.276	5.222	5.498	-0.435			3.9	78	15
02/01/24 19:10	0.117	4.964	5.080	-0.392			2.7	85	15
02/01/24 19:15	-0.022	4.877	4.855	-0.364			3.2	82	20
02/01/24 19:20	-0.186	4.836	4.650	-0.369			3.4	84	15
02/01/24 19:25	-0.184	4.789	4.605	-0.342			2.8	75	21
02/01/24 19:30	-0.106	4.677	4.571	-0.331			2.1	86	28
02/01/24 19:35	-0.024	4.573	4.549	-0.299			1.8	70	19
02/01/24 19:40	-0.012	4.470	4.458	-0.316			1.1	47	52
02/01/24 19:45	0.070	4.451	4.521	-0.265			0.5	347	69
02/01/24 19:50	0.044	4.509	4.553	-0.256			0.4	265	46
02/01/24 19:55	-0.047	4.547	4.500	-0.250			0.4	120	72
02/01/24 20:00	0.019	4.594	4.613	-0.310			1.2	91	23
02/01/24 20:05	0.121	4.538	4.659	-0.367			0.9	46	13
02/01/24 20:10	0.198	4.562	4.760	-0.381			0.2	26	61

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/01/24 20:15	0.224	4.688	4.912	-0.289			0.5	6	46
02/01/24 20:20	0.133	5.006	5.139	-0.342			0.6	1	40
02/01/24 20:25	0.160	5.589	5.750	-0.357			0.2	317	60
02/01/24 20:30	0.163	6.281	6.445	-0.298			0.3	319	55
02/01/24 20:35	0.206	7.046	7.252	-0.266			0.5	287	21
02/01/24 20:40	0.158	8.326	8.484	-0.272			0.7	295	20
02/01/24 20:45	0.161	10.540	10.701	-0.286			0.5	248	24
02/01/24 20:50	0.608	23.786	24.394	-0.308			0.5	255	31
02/01/24 20:55	1.107	25.991	27.098	-0.287			0.7	259	21
02/01/24 21:00	0.889	22.693	23.582	-0.205			0.5	286	21
02/01/24 21:05	0.730	21.629	22.359	-0.135			0.4	298	20
02/01/24 21:10	0.658	20.851	21.509	-0.115			0.4	308	32
02/01/24 21:15	0.522	20.974	21.495	-0.127			0.5	264	19
02/01/24 21:20	0.547	21.110	21.657	-0.215			0.3	255	36
02/01/24 21:25	0.519	19.108	19.627	-0.221			0.6	239	29
02/01/24 21:30	0.505	14.457	14.963	-0.284			0.5	248	31
02/01/24 21:35	0.447	14.383	14.829	-0.351			0.5	233	39
02/01/24 21:40	0.391	13.552	13.943	-0.259			0.5	239	42
02/01/24 21:45	0.265	11.907	12.172	-0.308			0.5	247	30
02/01/24 21:50	0.072	10.914	10.987	-0.410			0.6	253	26
02/01/24 21:55	0.289	11.678	11.967	-0.388			0.7	253	25
02/01/24 22:00	0.520	16.240	16.760	-0.342			0.3	253	50
02/01/24 22:05	0.500	17.016	17.517	-0.372			0.2	161	47
02/01/24 22:10	0.568	15.769	16.337	-0.361			0.3	239	41
02/01/24 22:15	0.343	13.138	13.481	-0.384			0.2	183	46
02/01/24 22:20	0.243	10.649	10.892	-0.421			0.4	203	32
02/01/24 22:25	0.205	10.274	10.479	-0.411			0.9	200	15
02/01/24 22:30	0.225	9.159	9.384	-0.348			1.5	229	11
02/01/24 22:35	0.169	9.561	9.731	-0.343			1.8	233	08
02/01/24 22:40	0.080	9.972	10.052	-0.323			0.9	234	21
02/01/24 22:45	0.054	10.540	10.594	-0.301			1.7	228	11
02/01/24 22:50	0.068	10.512	10.580	-0.286			2.1	229	08
02/01/24 22:55	0.041	11.411	11.451	-0.289			1.8	222	11
02/01/24 23:00	-0.006	12.114	12.108	-0.278			2.3	226	09
02/01/24 23:05	0.018	11.644	11.661	-0.313			1.8	219	11
02/01/24 23:10	0.054	10.926	10.979	-0.319			1.4	205	19
02/01/24 23:15	-0.030	10.185	10.155	-0.331			1.6	210	20
02/01/24 23:20	0.040	9.547	9.587	-0.354			1.0	204	23
02/01/24 23:25	0.090	8.740	8.830	-0.348			0.9	193	30
02/01/24 23:30	0.040	7.841	7.881	-0.319			1.0	197	28
02/01/24 23:35	0.128	6.981	7.109	-0.314			0.7	182	47
02/01/24 23:40	1.057	10.047	11.104	-0.334			0.8	154	49
02/01/24 23:45	1.145	5.449	6.594	-0.347			0.9	148	40
02/01/24 23:50	0.798	3.155	3.953				0.9	191	37
02/01/24 23:55	0.444	3.714	4.158				0.7	196	54
03/01/24 00:00	0.390	7.314	7.704				0.7	151	50
03/01/24 00:05	0.417	6.630	7.046				0.7	170	50
03/01/24 00:10	0.358	4.960	5.318				1.4	148	31
03/01/24 00:15	0.408	4.571	4.978				1.8	154	20
03/01/24 00:20	0.375	4.109	4.484				1.3	150	30
03/01/24 00:25	0.366	3.794	4.160				1.0	137	38
03/01/24 00:30	0.408	4.102	4.509				1.6	109	13
03/01/24 00:35	0.285	4.788	5.073				1.8	110	10
03/01/24 00:40	0.250	6.029	6.279				1.5	115	11
03/01/24 00:45	0.484	10.609	11.093				1.6	110	11
03/01/24 00:50	0.735	17.843	18.578				1.5	108	13
03/01/24 00:55	0.763	17.138	17.900				1.5	108	12
03/01/24 01:00	0.706	16.103	16.809				1.3	109	11
03/01/24 01:05							1.5	109	12
03/01/24 01:10							1.1	100	15
03/01/24 01:15							1.0	110	16
03/01/24 01:20							1.0	97	15
03/01/24 01:25							1.1	101	15
03/01/24 01:30							1.1	99	16
03/01/24 01:35							1.1	95	15
03/01/24 01:40							1.0	90	23
03/01/24 01:45							1.1	85	17
03/01/24 01:50							1.2	103	16
03/01/24 01:55							1.4	106	11
03/01/24 02:00							1.2	118	09
03/01/24 02:05	0.403	8.053	8.455	0.292			1.2	106	15
03/01/24 02:10	0.329	8.328	8.657	0.215			1.0	103	16
03/01/24 02:15	0.270	8.520	8.791	0.211			1.0	107	12
03/01/24 02:20	0.269	8.413	8.682	0.188			0.8	90	15
03/01/24 02:25	0.249	8.307	8.556	0.204			0.9	101	15
03/01/24 02:30	0.197	8.309	8.506	0.306			0.8	94	16
03/01/24 02:35	0.139	8.686	8.825	0.293			0.8	66	15
03/01/24 02:40	0.147	9.182	9.329	0.350			1.0	65	15
03/01/24 02:45	0.117	9.293	9.410	0.343			1.2	86	12
03/01/24 02:50	0.107	9.242	9.349	0.269			1.4	93	13
03/01/24 02:55	0.073	9.113	9.186	0.210			1.2	87	17
03/01/24 03:00	0.114	8.955	9.068	0.150			1.0	66	15
03/01/24 03:05	0.109	8.971	9.080	0.242			1.0	61	13
03/01/24 03:10	0.217	9.320	9.537	0.291			1.0	60	12
03/01/24 03:15	0.689	10.101	10.790	0.270			1.0	37	14
03/01/24 03:20	0.804	10.694	11.498	0.200			0.6	9	13
03/01/24 03:25	0.636	10.933	11.569	0.169			0.9	17	14
03/01/24 03:30	0.487	11.314	11.801	0.139			0.4	17	46
03/01/24 03:35	0.458	11.292	11.751	0.175			0.9	275	14
03/01/24 03:40	0.744	12.252	12.995	0.160			0.9	299	19
03/01/24 03:45	7.417	17.866	25.284	0.207			1.3	310	09
03/01/24 03:50	21.943	20.649	42.593	0.328			0.7	317	19
03/01/24 03:55	22.191	19.352	41.543	0.330			1.2	307	10
03/01/24 04:00	22.238	19.028	41.266	0.405			0.8	311	21
03/01/24 04:05	23.470	18.581	42.051	0.460			0.5	29	21
03/01/24 04:10	26.752	17.933	44.685	0.487			0.7	20	20
03/01/24 04:15	35.767	15.245	51.012	0.512			0.8	22	14
03/01/24 04:20	36.472	15.737	52.209	0.551			0.6	31	24
03/01/24 04:25	33.391	17.075	50.466	0.555			0.3	0	49
03/01/24 04:30	29.395	18.523	47.918	0.542			0.3	307	36
03/01/24 04:35	27.441	18.928	46.369	0.476			0.6	342	21
03/01/24 04:40	26.333	18.196	44.529	0.450			0.5	330	24
03/01/24 04:45	24.867	17.528	42.395	0.430			0.9	316	22
03/01/24 04:50	24.162	17.453	41.614	0.468			0.8	312	16
03/01/24 04:55	25.823	16.864	42.687	0.445			0.3	320	45
03/01/24 05:00	28.835	15.811	44.646	0.481			0.4	286	33

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/01/24 05:05	33.047	15.823	48.869	0.495			0.5	273	33
03/01/24 05:10	40.233	16.183	56.417	0.522			0.8	261	16
03/01/24 05:15	41.875	17.673	59.548	0.573			0.6	269	23
03/01/24 05:20	42.371	17.938	60.309	0.635			0.6	311	19
03/01/24 05:25	42.842	18.388	61.230	0.620			0.7	306	18
03/01/24 05:30	42.631	18.424	61.055	0.543			0.3	321	50
03/01/24 05:35	42.612	18.270	60.882	0.623			0.4	294	28
03/01/24 05:40	42.576	18.121	60.697	0.639			0.7	269	30
03/01/24 05:45	42.476	17.836	60.312	0.694			0.6	295	25
03/01/24 05:50	42.048	17.753	59.801	0.724			0.7	319	12
03/01/24 05:55	41.874	17.643	59.517	0.757			0.4	283	30
03/01/24 06:00	42.448	17.679	60.127	0.727			0.2	108	56
03/01/24 06:05	44.053	17.531	61.585	0.704			0.2	340	43
03/01/24 06:10	44.995	17.749	62.744	0.763			0.2	24	56
03/01/24 06:15	66.001	22.819	88.820	0.879			0.5	54	28
03/01/24 06:20	50.995	18.527	69.522	0.958			0.3	27	56
03/01/24 06:25	50.217	18.121	68.338	0.967			0.3	280	29
03/01/24 06:30	49.812	18.011	67.822	0.913			0.6	291	19
03/01/24 06:35	49.693	17.952	67.645	0.869			0.5	300	24
03/01/24 06:40	49.563	17.837	67.400	0.919			0.3	259	32
03/01/24 06:45	48.963	17.930	66.894	0.872			0.2	246	35
03/01/24 06:50	49.608	18.251	67.858	0.874			0.2	201	49
03/01/24 06:55	49.327	18.908	68.235	0.855			0.3	261	45
03/01/24 07:00	49.995	18.787	68.782	0.870			0.6	267	25
03/01/24 07:05	48.694	18.621	67.315	0.889			0.5	256	25
03/01/24 07:10	47.632	18.544	66.176	0.966			0.3	268	17
03/01/24 07:15	46.550	18.595	65.145	1.009			0.3	295	32
03/01/24 07:20	45.926	18.684	64.610	1.051			0.4	309	27
03/01/24 07:25	44.809	18.643	63.452	1.051			0.4	346	64
03/01/24 07:30	47.391	20.853	68.244	1.039			0.5	122	30
03/01/24 07:35	38.659	17.678	56.336	1.088			0.3	164	56
03/01/24 07:40	39.481	17.789	57.270	1.079			0.6	172	39
03/01/24 07:45	39.668	17.516	57.184	1.061			1.2	155	20
03/01/24 07:50	42.532	20.242	62.774	0.980			0.4	148	50
03/01/24 07:55	21.457	14.989	36.446	0.982			0.4	131	50
03/01/24 08:00	9.988	13.227	23.216	0.946			0.6	112	22
03/01/24 08:05	11.482	14.968	26.450	0.872			1.4	108	15
03/01/24 08:10	13.603	13.748	27.351	0.792			1.6	117	07
03/01/24 08:15	14.489	14.739	29.228	0.735			0.9	127	21
03/01/24 08:20				0.791			0.7	140	19
03/01/24 08:25	14.584	15.471	30.055	0.760			1.1	122	10
03/01/24 08:30	22.967	19.453	42.420	0.742			0.9	131	23
03/01/24 08:35	14.933	11.543	26.476	0.712			0.7	173	27
03/01/24 08:40	16.498	14.384	30.882	0.644			1.1	178	25
03/01/24 08:45	17.611	15.255	32.866	0.699			0.8	172	34
03/01/24 08:50	19.418	18.361	37.779	0.702			0.8	160	23
03/01/24 08:55	20.035	17.421	37.455	0.775			0.9	143	22
03/01/24 09:00	15.529	13.866	29.395	0.798			0.9	149	22
03/01/24 09:05	14.741	13.286	28.027	0.825			0.8	148	25
03/01/24 09:10	14.930	13.630	28.560	0.764			1.0	155	16
03/01/24 09:15	14.520	13.499	28.019	0.712			0.7	159	25
03/01/24 09:20	13.614	12.410	26.023	0.736			0.6	167	33
03/01/24 09:25	13.055	12.268	25.323	0.693			0.8	176	22
03/01/24 09:30	11.205	12.091	23.296	0.640			0.8	177	20
03/01/24 09:35	11.194	12.762	23.956	0.584			0.9	180	18
03/01/24 09:40	10.869	12.712	23.581	0.625			0.8	151	21
03/01/24 09:45	10.477	12.687	23.163	0.632			1.0	146	16
03/01/24 09:50	10.211	12.831	23.041	0.646			0.9	142	21
03/01/24 09:55	9.889	13.414	23.304	0.577			1.0	138	17
03/01/24 10:00	9.702	13.561	23.262	0.608			1.0	134	17
03/01/24 10:05	9.764	13.511	23.275	0.610			0.9	139	25
03/01/24 10:10	10.153	13.828	23.981	0.588			1.1	201	26
03/01/24 10:15	10.291	14.081	24.372	0.514			1.2	214	12
03/01/24 10:20	9.756	14.324	24.080	0.483			1.5	211	13
03/01/24 10:25	9.416	14.845	24.261	0.480			0.6	162	44
03/01/24 10:30	9.092	14.871	23.963	0.520			1.8	230	11
03/01/24 10:35	8.679	14.580	23.259	0.507			1.6	224	11
03/01/24 10:40	8.397	14.458	22.855	0.503			0.9	219	25
03/01/24 10:45	8.471	14.459	22.930	0.550			1.4	221	21
03/01/24 10:50	8.658	14.361	23.019	0.528			1.5	219	17
03/01/24 10:55	8.509	13.994	22.503	0.575			1.4	211	18
03/01/24 11:00	7.743	13.436	21.179	0.503			1.7	215	15
03/01/24 11:05	6.860	12.755	19.615	0.469			1.2	199	26
03/01/24 11:10	5.941	10.839	16.780	0.461			1.0	178	35
03/01/24 11:15	5.964	8.517	14.480	0.410			1.6	142	28
03/01/24 11:20	4.514	9.233	13.748	0.332			1.5	147	28
03/01/24 11:25	4.308	9.291	13.599	0.235			1.8	155	20
03/01/24 11:30	4.728	9.448	14.176	0.288			1.9	156	23
03/01/24 11:35	5.240	10.970	16.211	0.398			2.1	150	21
03/01/24 11:40	5.501	10.103	15.604	0.334			1.3	166	31
03/01/24 11:45	9.956	6.594	16.550	0.317			1.1	155	37
03/01/24 11:50	2.032	8.738	10.770	0.335			0.8	116	43
03/01/24 11:55	2.461	7.255	9.716	0.382			0.7	163	62
03/01/24 12:00	2.445	6.682	9.127	0.399			1.2	156	30
03/01/24 12:05	2.486	7.350	9.836	0.317			1.1	159	30
03/01/24 12:10	5.973	9.066	15.039	0.259			0.9	160	33
03/01/24 12:15	4.338	8.753	13.091	0.283			1.2	122	25
03/01/24 12:20	3.064	5.690	8.754	0.242			1.5	125	15
03/01/24 12:25	2.656	5.114	7.769	0.188			2.0	121	13
03/01/24 12:30	1.615	5.378	6.993	0.229			1.8	122	12
03/01/24 12:35	1.560	4.956	6.516	0.244			1.9	113	14
03/01/24 12:40	1.607	4.912	6.518	0.331			1.9	97	17
03/01/24 12:45	1.719	5.126	6.845	0.314			1.7	115	12
03/01/24 12:50	2.294	5.494	7.788	0.314			0.8	138	29
03/01/24 12:55	3.044	5.844	8.888	0.196			1.2	147	20
03/01/24 13:00	3.197	5.939	9.136	0.211			1.1	154	25
03/01/24 13:05	1.790	6.464	8.254	0.320			1.2	146	21
03/01/24 13:10	1.802	5.859	7.661	0.303			0.5	195	48
03/01/24 13:15	2.208	7.563	9.771	0.291			0.8	217	29
03/01/24 13:20	2.162	7.267	9.429	0.250			1.2	220	18
03/01/24 13:25	2.142	7.571	9.714	0.298			1.2	220	17
03/01/24 13:30	2.404	7.834	10.238	0.332			1.2	193	20
03/01/24 13:35	2.736	8.365	11.101	0.351			1.0	200	20
03/01/24 13:40	3.196	9.374	12.569	0.382			0.6	198	35
03/01/24 13:45	3.713	10.983	14.696	0.321			0.8	192	28
03/01/24 13:50	4.131	12.568	16.699	0.309			0.7	195	31

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/01/24 13:55	4.351	12.281	16.632	0.352			0.6	201	37
03/01/24 14:00	4.241	11.347	15.588	0.352			0.8	199	29
03/01/24 14:05	4.061	10.348	14.410	0.368			0.7	225	25
03/01/24 14:10	3.653	9.320	12.973	0.338			1.1	230	15
03/01/24 14:15	3.470	8.935	12.405	0.355			0.7	229	22
03/01/24 14:20	3.374	8.822	12.197	0.370			0.9	228	18
03/01/24 14:25	3.078	8.303	11.380	0.390			1.2	228	13
03/01/24 14:30	2.664	7.396	10.059	0.432			1.2	227	14
03/01/24 14:35	2.195	6.063	8.258	0.392			1.3	230	13
03/01/24 14:40	1.801	4.971	6.772	0.321			1.2	233	10
03/01/24 14:45	1.471	3.931	5.402	0.366			1.5	234	08
03/01/24 14:50	1.269	3.286	4.555	0.287			0.4	216	39
03/01/24 14:55	1.110	3.368	4.478	0.188			0.7	226	21
03/01/24 15:00	1.069	3.675	4.744	0.184			2.1	231	09
03/01/24 15:05	1.396	4.511	5.906	0.234			2.1	234	09
03/01/24 15:10	1.393	4.847	6.241	0.233			2.2	232	09
03/01/24 15:15	1.819	6.491	8.311	0.190			1.7	226	15
03/01/24 15:20	2.501	9.062	11.562	0.181			1.8	228	10
03/01/24 15:25	3.499	10.193	13.692	0.118			1.7	225	14
03/01/24 15:30	1.571	5.731	7.303	0.081			1.7	224	13
03/01/24 15:35	2.527	8.692	11.219	0.068			1.8	226	11
03/01/24 15:40	2.791	7.946	10.738	0.123			1.9	221	15
03/01/24 15:45	6.287	24.623	30.910	0.063			1.8	216	19
03/01/24 15:50	26.183	33.152	59.335	0.103			1.7	220	15
03/01/24 15:55	29.990	30.417	60.407	0.232			2.1	223	11
03/01/24 16:00	34.557	32.601	67.158	0.256			1.6	220	21
03/01/24 16:05	35.415	29.561	64.976	0.312			1.5	220	21
03/01/24 16:10	30.182	27.162	57.344	0.270			1.5	223	19
03/01/24 16:15	24.529	24.787	49.316	0.279			1.4	223	25
03/01/24 16:20	32.320	27.526	59.846	0.228			1.6	222	16
03/01/24 16:25	30.730	30.359	61.089	0.294			1.7	216	17
03/01/24 16:30	24.598	25.808	50.406	0.370			1.6	219	19
03/01/24 16:35	25.548	26.186	51.733	0.439			1.7	216	17
03/01/24 16:40	24.003	22.414	46.417	0.368			1.9	214	18
03/01/24 16:45	11.808	19.167	30.975	0.342			2.3	211	13
03/01/24 16:50	9.671	16.112	25.783	0.348			1.9	212	16
03/01/24 16:55	5.975	10.472	16.447	0.341			2.4	214	14
03/01/24 17:00	3.893	11.076	14.969	0.331			1.7	219	15
03/01/24 17:05	23.286	37.421	60.707	0.370			1.3	223	17
03/01/24 17:10	18.793	28.257	47.050	0.360			1.4	222	19
03/01/24 17:15	38.503	39.604	78.107	0.368			1.4	214	18
03/01/24 17:20	14.221	21.522	35.744	0.380			1.9	219	15
03/01/24 17:25	9.292	17.312	26.604	0.333			1.7	219	18
03/01/24 17:30	24.643	26.212	50.854	0.351			2.0	221	13
03/01/24 17:35	92.918	41.054	133.972	0.380			1.5	218	21
03/01/24 17:40	221.267	45.858	267.125	0.685			1.6	219	17
03/01/24 17:45	177.352	53.190	230.542	0.935			1.8	220	16
03/01/24 17:50	251.805	48.133	299.938	1.287			2.2	212	17
03/01/24 17:55	244.438	39.124	283.562	1.805			2.1	215	15
03/01/24 18:00	342.492	53.463	395.955	2.434			2.7	211	14
03/01/24 18:05	138.843	23.307	162.150	2.760			4.5	222	10
03/01/24 18:10	63.354	37.490	100.844	2.187			4.5	220	10
03/01/24 18:15	5.685	8.172	13.857	1.839			4.8	222	06
03/01/24 18:20	0.916	3.849	4.765	1.283			3.9	220	10
03/01/24 18:25	0.616	3.647	4.263	1.020			4.4	223	08
03/01/24 18:30	0.692	3.666	4.358	0.822			3.9	223	06
03/01/24 18:35	0.694	3.995	4.688	0.685			3.4	221	08
03/01/24 18:40	0.655	4.289	4.944	0.823			2.6	220	11
03/01/24 18:45	0.665	4.545	5.210	0.839			3.4	219	10
03/01/24 18:50	0.622	4.475	5.097	0.701			3.8	222	08
03/01/24 18:55	0.390	4.071	4.461	0.685			4.5	226	06
03/01/24 19:00	0.293	3.691	3.984	0.729			3.8	230	06
03/01/24 19:05	0.231	3.846	4.077	0.780			4.7	230	05
03/01/24 19:10	0.155	3.673	3.827	0.754			4.4	231	06
03/01/24 19:15	0.128	4.061	4.189	0.780			4.4	230	07
03/01/24 19:20	0.246	4.335	4.581	0.784			4.2	231	06
03/01/24 19:25	0.233	4.463	4.696	0.683			3.7	231	07
03/01/24 19:30	0.089	4.292	4.381	0.566			4.7	231	05
03/01/24 19:35	0.059	3.576	3.636	0.638			4.4	233	04
03/01/24 19:40	0.026	3.257	3.283	0.655			4.0	232	06
03/01/24 19:45	0.077	3.758	3.835	0.663			4.2	232	07
03/01/24 19:50	0.145	4.992	5.138	0.596			4.3	232	06
03/01/24 19:55	0.107	5.095	5.202	0.561			3.6	231	07
03/01/24 20:00	0.098	4.564	4.662	0.577			3.5	232	07
03/01/24 20:05	0.089	4.458	4.547	0.565			4.5	227	06
03/01/24 20:10	0.145	4.274	4.419	0.609			3.6	223	10
03/01/24 20:15	0.056	4.141	4.197	0.645			2.8	217	11
03/01/24 20:20	0.150	3.548	3.697	0.573			2.9	214	12
03/01/24 20:25	0.280	2.931	3.211	0.542			2.5	216	14
03/01/24 20:30	0.167	2.417	2.584	0.430			2.5	215	13
03/01/24 20:35	0.005	2.004	2.009	0.326			2.4	217	16
03/01/24 20:40	-0.051	1.686	1.635	0.304			3.1	216	12
03/01/24 20:45	-0.134	1.466	1.332	0.275			2.9	219	12
03/01/24 20:50	-0.122	1.300	1.177	0.264			2.4	216	17
03/01/24 20:55	-0.154	1.107	0.953	0.180			3.0	215	15
03/01/24 21:00	-0.109	1.152	1.043	0.320			2.9	218	13
03/01/24 21:05	0.197	2.888	3.085	0.237			2.8	213	13
03/01/24 21:10	0.275	3.407	3.682	0.242			2.8	214	16
03/01/24 21:15	0.286	1.571	1.857	0.241			3.2	213	12
03/01/24 21:20	0.257	0.825	1.082	0.319			3.1	214	12
03/01/24 21:25	0.199	0.829	1.028	0.290			2.9	217	12
03/01/24 21:30	0.487	3.674	4.161	0.327			3.1	211	14
03/01/24 21:35	0.979	9.773	10.752	0.280			3.6	217	10
03/01/24 21:40	0.873	2.593	3.466	0.319			3.4	214	14
03/01/24 21:45	0.838	0.726	1.563	0.287			3.2	215	12
03/01/24 21:50	0.654	0.540	1.194	0.314			3.6	217	11
03/01/24 21:55	0.407	0.509	0.916	0.201			2.7	216	14
03/01/24 22:00	0.357	0.650	1.007	0.194			3.2	216	12
03/01/24 22:05	0.509	3.430	3.939	0.208			1.9	216	26
03/01/24 22:10	0.797	3.898	4.695	0.161			2.6	220	09
03/01/24 22:15	0.543	2.461	3.004	0.108			2.5	215	10
03/01/24 22:20	0.429	2.284	2.713	-0.017			3.1	221	10
03/01/24 22:25	0.336	2.503	2.839	-0.073			2.8	218	11
03/01/24 22:30	0.325	2.881	3.206	0.154			2.1	211	15
03/01/24 22:35	0.273	2.575	2.848	0.182			1.7	213	24
03/01/24 22:40	0.136	2.033	2.168	0.095			2.6	216	14

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
03/01/24 22:45	0.121	1.606	1.728	0.124			1.8	217	18
03/01/24 22:50	0.121	1.285	1.406	0.120			1.5	207	24
03/01/24 22:55	0.106	1.052	1.158	0.078			1.2	190	38
03/01/24 23:00	0.053	0.929	0.981	0.082			1.2	192	35
03/01/24 23:05	0.029	0.810	0.839	0.046			1.2	194	30
03/01/24 23:10	-0.019	0.629	0.610	0.008			1.0	197	36
03/01/24 23:15	0.041	0.501	0.542	-0.031			1.3	200	25
03/01/24 23:20	0.133	0.430	0.563	-0.134			1.8	219	19
03/01/24 23:25	0.195	0.443	0.638	-0.008			2.3	216	14
03/01/24 23:30	0.200	0.459	0.659	0.125			2.3	214	14
03/01/24 23:35	0.243	0.530	0.773	0.097			2.5	213	15
03/01/24 23:40	0.204	0.556	0.760	-0.008			4.2	228	07
03/01/24 23:45	0.188	0.623	0.811	-0.041			3.8	231	06
03/01/24 23:50	0.140	1.165	1.305				4.0	226	07
03/01/24 23:55	0.011	2.123	2.134				3.8	233	05
04/01/24 00:00	0.092	2.741	2.833				3.8	232	05
04/01/24 00:05	0.242	3.102	3.344				4.2	229	07
04/01/24 00:10	0.296	3.005	3.301				3.4	228	09
04/01/24 00:15	0.521	3.177	3.698				4.0	227	07
04/01/24 00:20	0.382	2.595	2.977				4.3	231	05
04/01/24 00:25	0.221	2.223	2.444				4.6	231	06
04/01/24 00:30	0.148	1.955	2.103				3.1	221	12
04/01/24 00:35	0.215	1.557	1.773				4.2	225	07
04/01/24 00:40	0.213	1.343	1.557				4.2	223	07
04/01/24 00:45	0.105	1.154	1.258				4.0	224	09
04/01/24 00:50	0.025	1.022	1.048				4.8	227	07
04/01/24 00:55	0.084	0.836	0.920				3.8	221	13
04/01/24 01:00	0.070	0.738	0.807				3.3	223	10
04/01/24 01:05							4.2	225	09
04/01/24 01:10							4.7	228	05
04/01/24 01:15							4.2	227	08
04/01/24 01:20							3.7	221	09
04/01/24 01:25							4.4	224	07
04/01/24 01:30							4.2	220	09
04/01/24 01:35							4.5	222	08
04/01/24 01:40							3.8	220	11
04/01/24 01:45							3.7	218	09
04/01/24 01:50							3.7	222	11
04/01/24 01:55							3.6	219	11
04/01/24 02:00							3.2	217	12
04/01/24 02:05	0.088	0.902	0.990	0.430			2.9	217	12
04/01/24 02:10	0.161	1.450	1.611	0.307			3.1	220	12
04/01/24 02:15	0.137	1.816	1.953	0.315			2.4	209	12
04/01/24 02:20	0.143	1.707	1.850	0.446			2.9	217	12
04/01/24 02:25	0.003	1.536	1.538	0.437			2.5	211	14
04/01/24 02:30	-0.086	1.456	1.369	0.498			3.6	224	09
04/01/24 02:35	-0.052	1.371	1.318	0.597			2.3	215	13
04/01/24 02:40	0.034	1.274	1.307	0.594			3.0	217	11
04/01/24 02:45	0.239	1.269	1.508	0.445			3.6	226	09
04/01/24 02:50	0.227	1.393	1.621	0.345			2.9	222	12
04/01/24 02:55	0.241	1.321	1.562	0.335			3.8	226	10
04/01/24 03:00	0.274	1.127	1.402	0.276			3.0	218	13
04/01/24 03:05	0.185	0.913	1.097	0.283			3.9	222	09
04/01/24 03:10	0.083	0.860	0.943	0.268			3.1	219	12
04/01/24 03:15	0.195	0.758	0.953	0.282			2.9	216	14
04/01/24 03:20	0.211	0.700	0.910	0.340			2.7	216	13
04/01/24 03:25	0.160	0.860	1.020	0.285			3.4	219	10
04/01/24 03:30	0.110	1.220	1.330	0.276			3.8	225	08
04/01/24 03:35	0.238	1.143	1.381	0.282			3.2	216	11
04/01/24 03:40	0.165	1.062	1.227	0.352			3.8	222	08
04/01/24 03:45	0.039	1.305	1.344	0.293			2.8	217	13
04/01/24 03:50	0.034	1.544	1.577	0.344			3.7	223	09
04/01/24 03:55	0.001	1.641	1.641	0.429			4.0	226	09
04/01/24 04:00	0.035	1.722	1.757	0.420			3.4	224	10
04/01/24 04:05	0.018	1.685	1.702	0.400			2.8	218	12
04/01/24 04:10	0.013	1.718	1.731	0.334			2.7	219	14
04/01/24 04:15	-0.038	1.608	1.569	0.259			3.5	222	12
04/01/24 04:20	0.049	1.508	1.557	0.292			3.3	220	11
04/01/24 04:25	0.423	1.750	2.173	0.255			3.0	223	10
04/01/24 04:30	0.353	1.518	1.871	0.237			2.9	226	10
04/01/24 04:35	0.269	2.043	2.312	0.246			3.5	224	10
04/01/24 04:40	0.304	2.097	2.401	0.231			3.0	224	12
04/01/24 04:45	0.169	1.951	2.120	0.243			3.4	225	07
04/01/24 04:50	0.090	1.627	1.717	0.230			3.1	229	09
04/01/24 04:55	0.100	1.339	1.440	0.282			3.4	232	12
04/01/24 05:00	0.056	1.123	1.179	0.360			3.6	226	06
04/01/24 05:05	0.106	0.962	1.068	0.406			2.7	219	12
04/01/24 05:10	0.104	0.979	1.083	0.392			2.7	221	12
04/01/24 05:15	0.243	1.210	1.452	0.382			2.8	219	10
04/01/24 05:20	42.879	16.966	59.845	0.468			4.1	224	07
04/01/24 05:25	49.837	9.642	59.478	0.672			3.6	218	10
04/01/24 05:30	0.741	1.195	1.937	0.688			3.1	212	16
04/01/24 05:35	1.033	1.313	2.346	0.678			2.6	221	14
04/01/24 05:40	3.588	7.354	10.942	0.658			2.8	224	12
04/01/24 05:45	9.345	6.299	15.644	0.596			2.7	219	14
04/01/24 05:50	9.557	4.358	13.915	0.567			2.8	222	10
04/01/24 05:55	12.102	7.452	19.554	0.557			2.8	222	11
04/01/24 06:00	15.167	5.371	20.538	0.636			2.6	217	15
04/01/24 06:05	10.927	6.111	17.038	0.710			2.9	222	12
04/01/24 06:10	27.855	9.948	37.803	0.699			3.5	227	08
04/01/24 06:15	39.547	9.544	49.091	0.732			2.4	217	17
04/01/24 06:20	53.683	12.301	65.984	0.871			2.6	219	14
04/01/24 06:25	52.812	10.907	63.719	0.955			2.7	219	15
04/01/24 06:30	65.404	19.087	84.491	1.042			2.6	220	13
04/01/24 06:35	42.727	7.825	50.551	1.127			2.7	218	13
04/01/24 06:40	19.886	6.379	26.264	1.110			3.6	227	07
04/01/24 06:45	8.407	2.792	11.198	1.042			3.3	224	10
04/01/24 06:50	21.155	8.294	29.449	0.996			2.5	218	11
04/01/24 06:55	18.962	6.307	25.270	1.025			3.5	224	09
04/01/24 07:00	28.001	7.752	35.753	1.045			3.4	226	09
04/01/24 07:05	27.179	13.049	40.229	1.126			2.6	220	14
04/01/24 07:10	24.018	7.304	31.322	1.119			2.9	219	11
04/01/24 07:15	62.059	15.508	77.566	1.178			2.4	221	12
04/01/24 07:20	77.526	15.002	92.528	1.361			2.4	213	17
04/01/24 07:25	31.107	10.272	41.379	1.534			2.6	225	12
04/01/24 07:30	30.608	8.704	39.312	1.609			3.4	225	07

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/01/24 07:35	17.477	6.894	24.370	1.637			3.1	228	08
04/01/24 07:40	12.459	7.920	20.379	1.632			3.5	228	07
04/01/24 07:45	15.775	5.721	21.496	1.528			4.0	227	07
04/01/24 07:50	17.187	6.303	23.490	1.592			3.7	226	06
04/01/24 07:55	19.862	3.808	23.671	1.606			3.0	224	10
04/01/24 08:00	24.707	10.719	35.425	1.612			3.5	228	06
04/01/24 08:05	24.710	2.616	27.326	1.586			3.2	227	09
04/01/24 08:10	20.398	8.796	29.193	1.627			3.9	227	06
04/01/24 08:15	23.338	5.731	29.068	1.643			3.9	228	08
04/01/24 08:20	24.825	0.955	25.780	1.659			3.3	229	09
04/01/24 08:25	1.623	1.563	3.187	1.672			2.9	230	10
04/01/24 08:30	-0.116	1.120	1.004	1.618			3.3	230	09
04/01/24 08:35	-0.073	0.830	0.757	1.537			3.2	230	07
04/01/24 08:40	0.115	0.770	0.884	1.462			3.0	229	10
04/01/24 08:45	23.715	7.654	31.369	1.493			3.5	224	09
04/01/24 08:50	37.737	9.715	47.452	1.567			3.8	225	09
04/01/24 08:55	29.965	8.323	38.288	1.623			3.7	228	07
04/01/24 09:00	0.651	0.908	1.559	1.591			3.0	231	08
04/01/24 09:05	30.118	0.942	31.060	1.606			3.3	222	12
04/01/24 09:10	23.866	10.159	34.026	1.637			2.7	218	13
04/01/24 09:15	15.293	7.347	22.641	1.747			3.5	226	11
04/01/24 09:20	20.279	3.740	24.019	1.722			3.9	227	06
04/01/24 09:25	28.404	7.671	36.075	1.774			3.5	227	07
04/01/24 09:30	13.723	7.166	20.889	1.871			3.3	227	07
04/01/24 09:35	6.419	7.207	13.626	1.887			3.2	226	08
04/01/24 09:40	14.647	7.523	22.170	1.882			2.9	226	09
04/01/24 09:45	25.716	13.320	39.036	1.842			2.6	222	13
04/01/24 09:50	7.988	5.239	13.227	1.846			3.0	227	08
04/01/24 09:55	4.637	3.237	7.874	1.818			3.2	229	07
04/01/24 10:00	0.494	4.569	5.063	1.780			2.5	226	12
04/01/24 10:05	17.757	9.270	27.027	1.734			3.0	227	06
04/01/24 10:10	22.905	11.838	34.743	1.670			3.8	227	06
04/01/24 10:15	3.606	1.158	4.764	1.643			3.8	231	06
04/01/24 10:20	9.465	1.041	10.506	1.556			3.5	228	07
04/01/24 10:25	27.357	10.099	37.456	1.595			3.3	228	07
04/01/24 10:30	4.367	1.264	5.632	1.694			3.4	227	08
04/01/24 10:35	4.519	0.169	4.688	1.603			3.2	231	06
04/01/24 10:40	21.223	9.602	30.825	1.557			3.5	227	07
04/01/24 10:45	10.182	4.328	14.510	1.558			3.8	229	06
04/01/24 10:50	20.292	6.283	26.575	1.529			2.7	225	11
04/01/24 10:55	18.237	9.834	28.071	1.521			3.1	229	06
04/01/24 11:00	4.074	3.001	7.075	1.589			3.1	229	06
04/01/24 11:05	7.955	7.536	15.490	1.546			3.1	228	07
04/01/24 11:10	11.395	6.446	17.841	1.454			2.5	228	09
04/01/24 11:15	12.821	7.350	20.171	1.454			3.2	228	07
04/01/24 11:20	46.643	18.506	65.149	1.447			2.5	223	14
04/01/24 11:25	26.013	3.462	29.475	1.502			2.9	228	09
04/01/24 11:30	24.302	6.652	30.954	1.477			2.8	230	07
04/01/24 11:35	3.301	3.192	6.494	1.468			2.2	229	14
04/01/24 11:40				1.370			2.0	226	16
04/01/24 11:45	12.327	6.299	18.626	1.439			2.3	229	11
04/01/24 11:50	0.034	0.729	0.763	1.322			1.8	231	15
04/01/24 11:55	0.004	0.639	0.643	1.299			2.2	233	09
04/01/24 12:00				1.215			2.0	226	15
04/01/24 12:05	0.607	1.406	2.013	1.132			2.4	231	07
04/01/24 12:10	0.510	0.867	1.377	1.079			2.1	229	13
04/01/24 12:15	0.457	0.652	1.109	1.107			2.8	226	10
04/01/24 12:20	0.439	0.645	1.084	1.073			2.6	227	10
04/01/24 12:25	0.388	0.697	1.084	1.007			2.5	227	09
04/01/24 12:30	0.252	0.704	0.956	1.043			2.8	229	07
04/01/24 12:35	0.241	0.751	0.992	1.030			2.4	228	09
04/01/24 12:40	0.194	0.741	0.935	1.008			1.7	228	13
04/01/24 12:45	0.114	0.773	0.887	1.031			1.3	227	25
04/01/24 12:50	0.098	0.855	0.954	1.019			1.4	227	23
04/01/24 12:55	0.224	0.840	1.064	0.948			1.7	225	16
04/01/24 13:00	0.586	1.067	1.653	0.951			2.7	228	10
04/01/24 13:05	0.768	1.028	1.796	0.961			3.4	229	07
04/01/24 13:10	0.813	0.914	1.727	0.957			3.4	229	05
04/01/24 13:15	0.561	0.495	1.056	0.900			3.4	233	05
04/01/24 13:20	0.403	0.536	0.939	0.855			3.0	230	07
04/01/24 13:25	0.371	0.637	1.008	0.865			3.0	231	07
04/01/24 13:30	0.291	0.711	1.002	0.868			1.9	230	15
04/01/24 13:35	0.338	0.661	0.999	0.855			1.5	226	19
04/01/24 13:40	0.350	0.633	0.983	0.789			3.0	232	06
04/01/24 13:45	0.346	0.647	0.993	0.755			2.9	228	10
04/01/24 13:50	0.387	0.683	1.070	0.716			2.7	229	11
04/01/24 13:55	0.262	0.683	0.945	0.792			2.3	228	09
04/01/24 14:00	0.229	0.767	0.996	0.863			2.5	230	08
04/01/24 14:05	0.189	0.772	0.961	0.862			3.5	228	07
04/01/24 14:10	0.202	0.776	0.978	0.791			2.0	227	17
04/01/24 14:15	0.395	0.770	1.165	0.740			3.3	228	07
04/01/24 14:20	0.357	0.828	1.185	0.797			3.3	230	07
04/01/24 14:25	0.298	0.879	1.177	0.781			3.6	229	06
04/01/24 14:30	0.305	0.836	1.141	0.778			3.5	231	08
04/01/24 14:35	0.290	0.933	1.224	0.748			4.0	228	07
04/01/24 14:40	1.016	1.192	2.209	0.752			3.5	227	08
04/01/24 14:45	1.670	1.968	3.638	0.670			3.3	227	08
04/01/24 14:50	4.057	6.958	11.015	0.686			2.6	224	12
04/01/24 14:55	9.242	1.018	10.260	0.689			2.7	224	11
04/01/24 15:00	6.780	3.531	10.310	0.768			2.8	227	12
04/01/24 15:05	5.952	2.435	8.386	0.829			3.1	227	08
04/01/24 15:10	12.154	0.624	12.777	0.870			2.7	222	12
04/01/24 15:15	11.019	2.493	13.512	0.984			2.9	224	13
04/01/24 15:20	8.099	3.288	11.387	1.049			3.3	224	13
04/01/24 15:25	10.405	3.258	13.663	1.140			3.3	226	11
04/01/24 15:30	18.530	6.354	24.884	1.225			3.1	222	12
04/01/24 15:35	19.860	8.609	28.469	1.317			3.0	225	10
04/01/24 15:40	10.500	4.036	14.536	1.365			3.6	228	05
04/01/24 15:45	14.192	4.855	19.047	1.485			3.7	226	07
04/01/24 15:50	3.564	1.181	4.745	1.531			3.7	227	08
04/01/24 15:55	11.055	6.943	17.998	1.513			3.4	224	10
04/01/24 16:00	7.821	3.885	11.706	1.511			3.5	226	07
04/01/24 16:05	62.919	15.208	78.127	1.588			3.0	219	12
04/01/24 16:10	19.298	7.576	26.874	1.962			4.4	225	06
04/01/24 16:15	0.570	1.430	2.000	1.924			4.1	228	06
04/01/24 16:20	0.347	0.725	1.072	1.776			4.3	227	06

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/01/24 16:25	0.383	0.589	0.973	1.689			4.1	227	07
04/01/24 16:30	0.346	0.612	0.958	1.519			4.8	230	06
04/01/24 16:35	0.230	0.621	0.851	1.368			4.5	227	08
04/01/24 16:40	0.132	0.785	0.917	1.184			4.4	227	08
04/01/24 16:45	0.083	0.935	1.018	1.061			4.9	230	07
04/01/24 16:50	0.095	0.982	1.077	0.906			4.4	232	05
04/01/24 16:55	1.393	8.161	9.554	0.859			4.4	232	06
04/01/24 17:00				0.817			3.3	231	09
04/01/24 17:05	0.343	0.690	1.033	0.813			4.5	230	05
04/01/24 17:10	0.220	0.717	0.937	0.886			3.9	231	06
04/01/24 17:15	0.128	0.757	0.884	0.964			3.8	231	08
04/01/24 17:20	0.085	0.754	0.838	0.877			4.3	231	07
04/01/24 17:25	0.210	0.904	1.114	0.692			4.2	231	06
04/01/24 17:30	0.766	1.217	1.983	0.683			3.2	229	10
04/01/24 17:35	0.577	0.831	1.408	0.733			3.6	230	11
04/01/24 17:40	0.755	0.701	1.456	0.734			5.1	229	06
04/01/24 17:45	0.715	0.723	1.438	0.700			5.2	228	06
04/01/24 17:50	0.604	0.705	1.309	0.673			5.1	231	06
04/01/24 17:55	0.456	0.673	1.129	0.583			5.5	228	06
04/01/24 18:00	0.339	0.689	1.029	0.558			5.1	227	06
04/01/24 18:05	0.292	0.777	1.069	0.606			4.8	227	07
04/01/24 18:10	0.320	1.091	1.411	0.707			4.8	228	07
04/01/24 18:15	0.542	1.527	2.069	0.673			4.2	223	10
04/01/24 18:20	0.549	1.768	2.317	0.756			4.7	229	05
04/01/24 18:25	0.484	1.567	2.051	0.789			4.7	229	06
04/01/24 18:30	0.402	1.403	1.805	0.856			5.1	231	04
04/01/24 18:35	0.341	1.230	1.571	0.723			4.6	229	05
04/01/24 18:40	0.337	0.937	1.274	0.595			4.3	226	08
04/01/24 18:45	0.230	0.874	1.105	0.578			4.2	229	06
04/01/24 18:50	0.180	0.847	1.027	0.512			4.6	230	06
04/01/24 18:55	0.158	0.773	0.931	0.456			4.2	228	07
04/01/24 19:00	0.098	0.781	0.879	0.375			4.1	228	07
04/01/24 19:05	0.037	0.821	0.858	0.327			4.4	229	05
04/01/24 19:10	0.007	0.827	0.834	0.177			4.2	227	08
04/01/24 19:15	0.061	0.761	0.822	0.205			4.2	232	06
04/01/24 19:20	0.105	0.799	0.904	0.257			4.3	230	05
04/01/24 19:25	0.184	0.839	1.023	0.325			3.3	232	08
04/01/24 19:30	0.153	0.910	1.063	0.326			3.2	229	07
04/01/24 19:35	0.096	1.097	1.192	0.395			3.2	231	06
04/01/24 19:40	0.010	1.307	1.317	0.386			3.9	229	05
04/01/24 19:45	0.000	1.538	1.538	0.459			3.2	230	05
04/01/24 19:50	-0.042	1.740	1.699	0.328			3.4	229	06
04/01/24 19:55	-0.032	1.841	1.808	0.230			2.8	230	06
04/01/24 20:00	-0.021	1.788	1.767	0.263			3.1	230	08
04/01/24 20:05	0.113	1.792	1.905	0.203			2.3	231	10
04/01/24 20:10	0.313	6.482	6.795	0.206			2.8	231	06
04/01/24 20:15	28.396	23.232	51.627	0.338			2.4	229	08
04/01/24 20:20	3.544	8.792	12.336	0.415			2.2	221	13
04/01/24 20:25	6.265	6.670	12.935	0.360			1.4	206	26
04/01/24 20:30	1.333	2.231	3.564	0.274			1.4	157	34
04/01/24 20:35	0.459	2.615	3.075	0.303			0.7	123	44
04/01/24 20:40	0.274	3.069	3.343	0.425			1.1	125	26
04/01/24 20:45	0.209	3.550	3.759	0.443			1.7	122	21
04/01/24 20:50	0.111	3.609	3.720	0.528			2.3	127	12
04/01/24 20:55	0.049	3.504	3.553	0.551			2.3	121	12
04/01/24 21:00	-0.076	3.331	3.255	0.529			2.1	128	19
04/01/24 21:05	0.091	3.141	3.232	0.565			2.6	129	18
04/01/24 21:10	0.108	3.077	3.185	0.642			1.2	124	37
04/01/24 21:15	0.100	3.020	3.120	0.700			1.4	125	28
04/01/24 21:20	0.095	2.982	3.077	0.725			1.5	130	29
04/01/24 21:25	0.169	3.010	3.178	0.627			1.7	122	28
04/01/24 21:30	0.085	3.046	3.131	0.574			2.1	120	14
04/01/24 21:35	0.031	3.023	3.054	0.767			2.1	119	14
04/01/24 21:40	-0.025	3.023	2.998	0.849			2.2	127	16
04/01/24 21:45	-0.101	3.001	2.900	0.853			1.8	121	12
04/01/24 21:50	0.068	2.951	3.018	0.755			1.9	118	11
04/01/24 21:55	0.130	2.926	3.056	0.717			1.9	124	15
04/01/24 22:00	0.104	2.832	2.936	0.779			1.5	122	18
04/01/24 22:05	0.017	2.790	2.807	0.768			1.6	129	16
04/01/24 22:10	0.026	2.691	2.717	0.856			1.5	123	16
04/01/24 22:15	0.133	2.608	2.741	0.788			1.5	122	16
04/01/24 22:20	0.222	2.597	2.819	0.830			1.8	125	17
04/01/24 22:25	0.251	2.598	2.849	0.775			1.9	128	12
04/01/24 22:30	0.116	2.583	2.699	0.751			2.2	125	12
04/01/24 22:35	0.015	2.543	2.559	0.752			1.7	119	11
04/01/24 22:40	0.052	2.474	2.526	0.720			1.5	125	16
04/01/24 22:45	0.073	2.479	2.552	0.693			1.9	117	10
04/01/24 22:50	0.355	2.499	2.854	0.674			1.7	116	12
04/01/24 22:55	0.391	2.446	2.837	0.683			1.4	123	15
04/01/24 23:00	0.043	2.506	2.548	0.758			0.7	121	37
04/01/24 23:05	-0.045	2.335	2.290	0.774			1.3	121	23
04/01/24 23:10	0.038	2.135	2.174	0.629			1.0	119	23
04/01/24 23:15	0.014	2.047	2.060	0.524			0.7	134	37
04/01/24 23:20	-0.042	2.169	2.127	0.619			1.0	141	31
04/01/24 23:25	0.099	2.162	2.261	0.681			0.7	132	41
04/01/24 23:30	0.282	2.150	2.433	0.714			1.0	146	25
04/01/24 23:35	0.285	2.195	2.480	0.645			0.7	135	28
04/01/24 23:40	0.234	2.364	2.597	0.519			1.0	148	32
04/01/24 23:45	0.199	2.619	2.818	0.622			0.9	137	40
04/01/24 23:50	0.164	2.974	3.138				1.2	127	20
04/01/24 23:55	0.057	3.379	3.436				0.8	139	41
05/01/24 00:00	0.150	3.670	3.820				1.5	125	19
05/01/24 00:05	0.106	3.966	4.072	0.525			1.3	125	17
05/01/24 00:10	0.055	4.175	4.230	0.512			1.0	114	20
05/01/24 00:15	0.030	4.107	4.137	0.570			1.2	132	29
05/01/24 00:20	0.152	3.842	3.994	0.529			0.9	130	23
05/01/24 00:25	0.160	3.689	3.849	0.490			1.4	125	18
05/01/24 00:30	0.116	3.498	3.615	0.485			0.9	136	27
05/01/24 00:35	0.109	3.284	3.393	0.497			0.7	153	38
05/01/24 00:40	0.063	3.197	3.260	0.447			1.1	126	24
05/01/24 00:45	0.059	3.130	3.188	0.460			0.8	119	31
05/01/24 00:50	0.123	3.095	3.218	0.391			1.0	121	23
05/01/24 00:55	0.162	3.002	3.165	0.351			1.0	119	20
05/01/24 01:00	0.119	2.827	2.945	0.259			1.3	123	15
05/01/24 01:05							0.7	145	35
05/01/24 01:10							0.7	153	34

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/01/24 01:15							1.0	127	24
05/01/24 01:20							0.7	151	38
05/01/24 01:25							0.7	153	47
05/01/24 01:30							0.4	159	52
05/01/24 01:35							1.0	129	22
05/01/24 01:40							0.9	137	33
05/01/24 01:45							0.9	126	23
05/01/24 01:50							0.5	128	49
05/01/24 01:55							1.0	122	18
05/01/24 02:00							0.8	116	15
05/01/24 02:05	0.172	2.161	2.334	0.225			0.7	135	24
05/01/24 02:10	0.078	2.041	2.119	0.240			0.5	141	30
05/01/24 02:15	0.048	1.976	2.024	0.254			0.8	125	25
05/01/24 02:20	0.006	1.880	1.886	0.231			0.7	116	28
05/01/24 02:25	0.063	1.825	1.888	0.203			0.7	107	16
05/01/24 02:30	0.144	1.752	1.896	0.251			0.7	134	19
05/01/24 02:35	0.084	1.792	1.877	0.335			0.5	161	37
05/01/24 02:40	0.085	1.822	1.907	0.285			0.6	148	40
05/01/24 02:45	0.053	1.765	1.818	0.270			0.6	154	31
05/01/24 02:50	0.112	1.789	1.901	0.268			0.7	158	28
05/01/24 02:55	0.149	1.756	1.905	0.296			0.6	139	33
05/01/24 03:00	0.168	1.683	1.851	0.287			0.7	140	25
05/01/24 03:05	0.143	1.594	1.737	0.318			0.8	147	35
05/01/24 03:10	0.212	1.531	1.743	0.227			1.0	153	25
05/01/24 03:15	0.238	1.645	1.883	0.267			0.6	169	46
05/01/24 03:20	0.126	2.210	2.337	0.251			1.3	160	24
05/01/24 03:25	0.097	3.018	3.114	0.309			1.3	164	25
05/01/24 03:30	0.124	3.238	3.362	0.323			1.2	163	28
05/01/24 03:35	0.233	3.311	3.544	0.320			0.7	164	41
05/01/24 03:40	0.113	3.583	3.696	0.326			0.6	168	56
05/01/24 03:45	0.127	3.763	3.890	0.249			0.6	123	49
05/01/24 03:50	0.105	3.860	3.965	0.250			0.6	153	50
05/01/24 03:55	0.182	3.896	4.078	0.197			0.7	165	49
05/01/24 04:00	0.153	3.812	3.966	0.174			0.8	132	34
05/01/24 04:05	0.057	3.848	3.904	0.130			0.8	162	37
05/01/24 04:10	0.154	3.920	4.074	0.160			1.0	153	30
05/01/24 04:15	0.176	3.966	4.142	0.266			0.9	155	35
05/01/24 04:20	0.167	3.992	4.159	0.239			0.6	119	43
05/01/24 04:25	0.099	4.275	4.373	0.195			0.7	112	28
05/01/24 04:30	0.206	4.582	4.787	0.233			0.4	111	30
05/01/24 04:35	0.354	4.733	5.087	0.183			0.8	122	28
05/01/24 04:40	1.887	10.116	12.003	0.216			0.6	105	29
05/01/24 04:45	0.526	5.563	6.089	0.280			0.6	124	27
05/01/24 04:50	0.275	5.344	5.619	0.305			0.6	122	29
05/01/24 04:55	0.104	5.599	5.703	0.253			0.3	144	53
05/01/24 05:00	0.177	5.726	5.903	0.295			0.9	160	22
05/01/24 05:05	0.133	5.919	6.051	0.255			0.9	129	26
05/01/24 05:10	0.164	6.141	6.305	0.347			1.0	104	23
05/01/24 05:15	0.312	6.313	6.626	0.423			0.8	83	19
05/01/24 05:20	0.688	6.663	7.351	0.313			0.9	114	14
05/01/24 05:25	1.286	7.037	8.323	0.239			0.6	111	16
05/01/24 05:30	1.520	7.563	9.083	0.185			0.6	130	30
05/01/24 05:35	1.847	7.564	9.411	0.191			0.9	116	14
05/01/24 05:40	7.862	6.342	14.204	0.306			0.4	138	34
05/01/24 05:45	3.346	7.108	10.454	0.343			0.9	116	21
05/01/24 05:50	3.708	6.995	10.703	0.235			1.2	110	13
05/01/24 05:55	4.229	6.943	11.172	0.184			1.1	120	13
05/01/24 06:00	4.512	6.910	11.423	0.272			0.6	132	31
05/01/24 06:05	4.903	6.731	11.634	0.333			0.8	119	20
05/01/24 06:10	11.153	13.662	24.815	0.459			0.9	112	13
05/01/24 06:15	6.716	6.608	13.325	0.620			0.7	115	21
05/01/24 06:20	4.811	6.284	11.095	0.597			0.8	128	12
05/01/24 06:25	5.578	5.666	11.244	0.558			0.7	120	16
05/01/24 06:30	5.916	5.517	11.433	0.474			0.4	128	36
05/01/24 06:35	8.435	5.479	13.914	0.471			0.5	121	25
05/01/24 06:40	19.820	0.512	20.332	0.521			0.3	151	51
05/01/24 06:45	31.309	39.231	70.541	0.524			0.4	118	37
05/01/24 06:50	11.230	6.417	17.648	0.581			0.4	102	54
05/01/24 06:55	22.809	11.541	34.350	0.564			0.5	91	28
05/01/24 07:00	26.586	12.557	39.143	0.607			0.5	34	34
05/01/24 07:05	34.491	13.006	47.497	0.678			0.7	76	26
05/01/24 07:10	39.220	15.525	54.745	0.783			0.8	64	17
05/01/24 07:15	37.177	12.043	49.220	0.861			1.0	32	44
05/01/24 07:20	33.093	10.206	43.299	0.886			0.8	330	45
05/01/24 07:25	32.090	8.382	40.472	0.844			0.8	54	29
05/01/24 07:30	28.508	11.623	40.131	0.809			0.9	306	28
05/01/24 07:35	32.339	6.246	38.584	0.807			0.6	355	65
05/01/24 07:40	33.793	10.984	44.777	0.897			0.8	328	23
05/01/24 07:45	30.456	11.207	41.663	0.881			0.6	35	44
05/01/24 07:50	25.591	12.232	37.823	0.947			0.6	16	60
05/01/24 07:55	16.159	10.206	26.365	0.895			1.0	275	23
05/01/24 08:00	24.475	11.507	35.982	0.821			1.2	275	20
05/01/24 08:05	31.039	10.161	41.200	0.878			0.8	266	24
05/01/24 08:10	26.549	11.171	37.719	1.000			0.4	283	42
05/01/24 08:15	19.921	10.322	30.242	1.008			0.3	223	52
05/01/24 08:20	17.899	8.726	26.625	0.983			0.3	245	31
05/01/24 08:25	16.229	9.152	25.381	0.964			0.4	219	34
05/01/24 08:30	15.797	9.560	25.357	0.997			0.5	225	26
05/01/24 08:35	16.498	9.937	26.435	1.049			0.5	268	41
05/01/24 08:40	20.810	9.918	30.728	1.031			0.7	265	27
05/01/24 08:45	26.307	11.200	37.506	1.049			0.2	264	70
05/01/24 08:50	21.808	11.534	33.342	1.026			0.6	329	42
05/01/24 08:55	20.621	10.744	31.366	0.929			0.9	342	28
05/01/24 09:00	34.153	3.667	37.820	1.071			0.3	22	78
05/01/24 09:05	15.619	9.035	24.653	1.191			1.2	263	25
05/01/24 09:10	16.705	10.398	27.103	1.156			0.5	215	46
05/01/24 09:15	20.511	13.011	33.522	1.056			1.6	230	09
05/01/24 09:20	35.666	11.785	47.451	1.059			1.0	225	22
05/01/24 09:25	31.186	13.868	45.053	1.104			1.4	226	14
05/01/24 09:30	24.341	11.579	35.920	1.042			1.4	228	13
05/01/24 09:35	28.443	12.397	40.840	0.904			1.2	225	19
05/01/24 09:40	21.501	13.571	35.073	0.887			1.1	220	22
05/01/24 09:45	23.206	13.948	37.154	0.890			1.0	222	19
05/01/24 09:50	22.813	13.093	35.905	0.965			0.9	221	19
05/01/24 09:55	19.242	12.263	31.505	0.941			0.9	222	20
05/01/24 10:00	18.118	12.694	30.811	1.021			1.0	224	19

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/01/24 10:05	17.736	12.598	30.333	0.948			1.0	224	16
05/01/24 10:10	17.854	12.660	30.514	0.980			0.9	219	20
05/01/24 10:15	41.066	29.810	70.876	1.079			0.6	207	41
05/01/24 10:20	27.764	13.302	41.067	1.228			0.8	222	23
05/01/24 10:25	15.520	11.565	27.084	1.280			1.1	227	20
05/01/24 10:30	17.015	12.699	29.713	1.221			0.9	215	28
05/01/24 10:35	14.172	11.063	25.235	1.279			1.1	224	19
05/01/24 10:40	10.597	9.135	19.732	1.273			1.1	226	16
05/01/24 10:45	11.900	9.953	21.853	1.249			0.7	205	32
05/01/24 10:50	12.092	10.380	22.472	1.261			1.1	199	25
05/01/24 10:55	12.185	10.199	22.384	1.273			0.8	197	32
05/01/24 11:00	11.431	10.098	21.529	1.262			1.0	219	23
05/01/24 11:05	11.416	10.475	21.892	1.268			1.1	219	20
05/01/24 11:10	11.730	10.991	22.722	1.241			1.2	220	20
05/01/24 11:15	12.476	12.112	24.587	1.179			1.3	216	19
05/01/24 11:20	14.236	13.825	28.060	1.136			0.8	208	33
05/01/24 11:25	13.586	13.797	27.383	1.101			1.2	211	20
05/01/24 11:30	15.206	15.107	30.313	1.098			1.2	216	19
05/01/24 11:35	15.921	15.051	30.972	1.086			1.0	221	29
05/01/24 11:40	20.776	18.812	39.588	1.041			1.1	218	26
05/01/24 11:45	17.632	15.731	33.363	1.001			1.2	214	19
05/01/24 11:50	20.426	17.653	38.079	1.129			1.3	221	19
05/01/24 11:55	20.540	16.628	37.169	1.144			1.3	221	19
05/01/24 12:00	19.410	16.239	35.648	1.110			1.5	228	15
05/01/24 12:05	13.419	14.552	27.971	1.061			1.3	224	16
05/01/24 12:10	18.500	15.910	34.409	1.017			1.0	224	24
05/01/24 12:15	11.822	12.769	24.590	0.997			1.3	228	13
05/01/24 12:20	11.657	13.246	24.903	0.872			0.9	221	31
05/01/24 12:25	13.057	14.675	27.731	0.851			1.0	221	23
05/01/24 12:30	12.418	13.989	26.407	0.770			1.3	226	20
05/01/24 12:35	15.066	18.272	33.338	0.742			1.0	224	21
05/01/24 12:40	19.041	17.138	36.179	0.708			1.0	225	20
05/01/24 12:45	18.718	16.798	35.516	0.655			1.0	211	30
05/01/24 12:50	17.645	16.628	34.273	0.709			1.0	215	24
05/01/24 12:55	13.599	15.202	28.800	0.719			1.5	226	17
05/01/24 13:00	21.194	19.331	40.524	0.723			0.8	216	36
05/01/24 13:05	11.704	14.267	25.971	0.855			1.4	223	20
05/01/24 13:10	9.825	14.877	24.702	0.785			1.2	222	25
05/01/24 13:15	13.722	18.527	32.249	0.752			1.3	221	22
05/01/24 13:20	12.762	16.953	29.714	0.726			1.0	223	30
05/01/24 13:25	10.298	15.553	25.851	0.662			1.3	221	21
05/01/24 13:30	15.109	20.592	35.701	0.573			1.1	215	23
05/01/24 13:35	16.949	18.595	35.543	0.653			1.4	220	20
05/01/24 13:40	19.206	23.265	42.471	0.739			1.3	225	23
05/01/24 13:45	15.805	16.403	32.208	0.821			1.3	223	19
05/01/24 13:50	15.846	15.798	31.644	0.879			1.5	227	17
05/01/24 13:55	18.179	18.907	37.086	0.876			1.8	228	12
05/01/24 14:00	14.462	11.210	25.672	0.861			1.3	225	22
05/01/24 14:05	12.754	12.982	25.736	0.835			1.0	218	27
05/01/24 14:10	5.371	6.350	11.721	0.872			0.9	223	34
05/01/24 14:15	13.187	2.926	16.113	0.946			1.1	226	19
05/01/24 14:20	12.890	7.390	20.280	0.985			1.0	225	23
05/01/24 14:25	13.252	9.805	23.057	1.008			1.2	228	22
05/01/24 14:30	4.475	4.987	9.462	0.972			1.4	230	13
05/01/24 14:35	0.823	0.822	1.645	0.874			0.8	220	29
05/01/24 14:40	0.410	0.884	1.294	0.823			1.1	226	21
05/01/24 14:45	0.310	1.080	1.390	0.912			1.1	229	17
05/01/24 14:50	0.492	1.067	1.559	0.909			1.0	225	24
05/01/24 14:55	0.440	1.014	1.454	0.894			1.2	228	19
05/01/24 15:00	0.327	0.995	1.323	0.825			1.1	226	23
05/01/24 15:05	0.295	1.137	1.432	0.774			1.8	231	10
05/01/24 15:10	0.535	1.565	2.100	0.675			2.2	231	11
05/01/24 15:15	0.675	1.932	2.607	0.775			1.9	229	13
05/01/24 15:20	0.649	2.219	2.868	0.701			2.5	231	08
05/01/24 15:25	0.697	2.333	3.030	0.759			1.9	226	14
05/01/24 15:30	2.043	4.424	6.467	0.698			1.9	222	15
05/01/24 15:35	8.048	9.948	17.996	0.666			2.4	215	13
05/01/24 15:40	7.017	6.990	14.008	0.747			2.8	216	12
05/01/24 15:45	6.518	7.917	14.435	0.736			2.7	216	12
05/01/24 15:50	4.323	4.371	8.694	0.645			2.1	223	12
05/01/24 15:55	6.287	4.221	10.508	0.493			2.8	217	11
05/01/24 16:00	2.128	1.498	3.626	0.548			3.2	215	11
05/01/24 16:05	7.939	11.329	19.268	0.649			2.4	221	15
05/01/24 16:10	10.532	3.889	14.422	0.714			2.9	215	11
05/01/24 16:15	1.509	1.459	2.967	0.806			2.6	223	13
05/01/24 16:20	1.080	2.185	3.265	0.755			2.4	221	10
05/01/24 16:25	1.958	2.170	4.129	0.675			2.1	223	12
05/01/24 16:30	2.361	3.279	5.640	0.672			3.0	220	12
05/01/24 16:35	12.436	14.067	26.503	0.589			2.9	220	10
05/01/24 16:40	5.525	4.753	10.279	0.629			2.8	221	14
05/01/24 16:45	3.016	5.726	8.743	0.642			3.0	222	12
05/01/24 16:50	6.032	9.818	15.850	0.681			2.8	222	12
05/01/24 16:55	6.045	5.368	11.413	0.719			3.2	223	11
05/01/24 17:00	0.261	1.323	1.584	0.673			2.2	222	10
05/01/24 17:05	0.299	1.667	1.966	0.639			1.9	216	18
05/01/24 17:10	0.827	3.186	4.014	0.611			2.1	215	17
05/01/24 17:15	1.074	3.877	4.951	0.519			2.0	219	20
05/01/24 17:20	0.988	2.891	3.879	0.511			2.0	217	19
05/01/24 17:25	0.759	1.703	2.462	0.671			1.2	211	34
05/01/24 17:30	0.534	1.457	1.991	0.723			1.4	197	29
05/01/24 17:35	0.479	1.397	1.876	0.651			1.5	155	36
05/01/24 17:40	0.433	1.462	1.896	0.614			2.5	155	23
05/01/24 17:45	0.359	1.492	1.852	0.669			2.1	163	31
05/01/24 17:50	0.233	1.486	1.719	0.641			2.4	154	25
05/01/24 17:55	0.207	1.592	1.798	0.569			2.1	164	31
05/01/24 18:00	0.274	1.795	2.069	0.595			1.3	127	39
05/01/24 18:05	0.349	1.937	2.286	0.657			1.1	170	49
05/01/24 18:10	0.351	2.095	2.445	0.537			1.2	168	50
05/01/24 18:15	0.392	2.213	2.605	0.617			0.7	163	67
05/01/24 18:20	0.294	2.210	2.504	0.785			2.3	169	27
05/01/24 18:25	0.380	2.270	2.650	0.519			2.6	169	23
05/01/24 18:30	0.515	2.274	2.789	0.596			2.4	166	25
05/01/24 18:35	0.590	2.474	3.064	0.549			1.1	161	54
05/01/24 18:40	0.541	2.461	3.002	0.588			1.9	162	40
05/01/24 18:45	0.483	2.530	3.012	0.451			2.5	164	26
05/01/24 18:50	0.605	2.838	3.443	0.539			1.5	166	38

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
05/01/24 18:55	0.626	3.010	3.636	0.646			1.1	165	54
05/01/24 19:00	0.683	2.925	3.609	0.670			0.9	183	53
05/01/24 19:05	0.949	3.131	4.080	0.559			1.8	168	29
05/01/24 19:10	0.941	2.992	3.933	0.411			2.4	141	26
05/01/24 19:15	0.908	2.921	3.829	0.433			3.4	130	08
05/01/24 19:20	0.705	2.801	3.505	0.475			2.5	129	16
05/01/24 19:25	0.583	2.579	3.162	0.396			0.8	146	55
05/01/24 19:30	0.515	2.520	3.035	0.385			0.7	166	64
05/01/24 19:35	0.368	2.496	2.865	0.397			0.8	157	57
05/01/24 19:40	0.341	2.556	2.896	0.454			1.9	126	17
05/01/24 19:45	0.215	2.593	2.808	0.384			2.0	130	15
05/01/24 19:50	0.205	2.637	2.842	0.403			1.4	168	42
05/01/24 19:55	0.185	2.705	2.890	0.416			1.2	170	49
05/01/24 20:00	0.244	2.780	3.024	0.384			1.2	173	43
05/01/24 20:05	0.154	2.832	2.986	0.355			1.2	168	43
05/01/24 20:10	0.198	2.832	3.031	0.368			1.0	169	44
05/01/24 20:15	0.161	2.853	3.014	0.366			2.5	163	19
05/01/24 20:20	0.198	3.044	3.243	0.373			2.0	169	23
05/01/24 20:25	0.163	3.216	3.379	0.403			1.0	170	54
05/01/24 20:30	0.084	3.095	3.180	0.347			1.3	167	39
05/01/24 20:35	0.064	2.841	2.905	0.267			1.0	121	44
05/01/24 20:40	0.032	2.609	2.641	0.303			1.4	128	35
05/01/24 20:45	0.095	2.578	2.673	0.217			1.1	166	38
05/01/24 20:50	0.157	2.592	2.749	0.127			1.2	155	46
05/01/24 20:55	0.167	2.691	2.858	0.029			1.3	162	36
05/01/24 21:00	0.187	2.941	3.129	0.045			1.9	167	23
05/01/24 21:05	0.106	3.331	3.437	0.129			2.3	162	18
05/01/24 21:10	0.026	3.604	3.630	0.206			2.2	164	21
05/01/24 21:15	-0.040	3.718	3.678	0.265			2.1	158	25
05/01/24 21:20	0.058	3.883	3.941	0.264			2.5	163	22
05/01/24 21:25	0.147	4.029	4.176	0.281			2.8	158	18
05/01/24 21:30	0.090	4.274	4.363	0.164			1.2	166	42
05/01/24 21:35	0.008	4.344	4.352	0.097			1.6	161	33
05/01/24 21:40	-0.048	4.424	4.375	-0.020			2.5	156	25
05/01/24 21:45	-0.106	4.551	4.445	-0.025			2.2	158	27
05/01/24 21:50	-0.215	4.623	4.408	0.072			2.1	161	26
05/01/24 21:55	-0.246	4.572	4.326	0.083			2.3	160	20
05/01/24 22:00	-0.139	4.479	4.340	0.135			1.5	166	28
05/01/24 22:05	-0.210	4.455	4.245	0.174			2.1	161	21
05/01/24 22:10	-0.147	4.462	4.316	0.111			1.7	166	26
05/01/24 22:15	0.021	4.446	4.467	0.072			1.1	173	41
05/01/24 22:20	0.067	4.495	4.562	0.146			1.6	157	27
05/01/24 22:25	0.052	4.510	4.562	0.165			1.3	152	38
05/01/24 22:30	-0.004	4.548	4.544	0.255			1.2	166	45
05/01/24 22:35	-0.058	4.547	4.489	0.223			1.3	166	37
05/01/24 22:40	-0.068	4.608	4.541	0.250			1.0	153	46
05/01/24 22:45	-0.104	4.643	4.540	0.196			1.0	165	37
05/01/24 22:50	0.001	4.649	4.650	0.160			1.4	158	32
05/01/24 22:55	0.025	4.680	4.705	0.240			1.4	157	25
05/01/24 23:00	0.180	4.696	4.876	0.218			0.7	155	50
05/01/24 23:05	0.170	4.717	4.887	0.248			0.8	150	45
05/01/24 23:10	0.046	4.735	4.781	0.141			0.9	167	48
05/01/24 23:15	0.039	4.735	4.775	0.245			1.3	151	28
05/01/24 23:20	0.053	4.741	4.794	0.221			0.8	162	39
05/01/24 23:25	0.099	4.733	4.832	0.127			1.3	162	24
05/01/24 23:30	0.003	4.688	4.691	0.053			1.3	153	27
05/01/24 23:35	-0.036	4.679	4.643	0.114			1.2	165	29
05/01/24 23:40	0.093	4.718	4.811	0.236			1.3	156	22
05/01/24 23:45	0.145	4.711	4.855	0.145			1.1	157	31
05/01/24 23:50	0.089	4.650	4.739				0.7	148	32
05/01/24 23:55	-0.039	4.539	4.500				1.0	115	15
06/01/24 00:00	-0.120	4.527	4.407				0.9	114	19
06/01/24 00:05	-0.208	4.581	4.373	0.089			0.8	108	29
06/01/24 00:10	-0.107	4.519	4.412	0.016			1.1	124	08
06/01/24 00:15	0.014	4.326	4.340	-0.082			1.0	120	11
06/01/24 00:20	-0.020	4.148	4.129	0.012			0.9	120	20
06/01/24 00:25	-0.083	3.918	3.835	0.002			1.1	124	13
06/01/24 00:30	-0.089	3.500	3.410	-0.112			1.1	110	14
06/01/24 00:35	-0.031	3.221	3.190	-0.030			1.3	112	11
06/01/24 00:40	-0.016	3.086	3.070	-0.076			1.2	120	15
06/01/24 00:45	0.074	2.982	3.056	-0.129			1.1	122	12
06/01/24 00:50	0.089	2.978	3.067	-0.135			0.9	117	16
06/01/24 00:55	0.048	3.049	3.097	-0.197			0.9	93	12
06/01/24 01:00	0.076	3.243	3.319	-0.187			0.8	87	16
06/01/24 01:05							0.5	75	23
06/01/24 01:10							0.4	84	23
06/01/24 01:15							0.6	67	17
06/01/24 01:20							0.5	98	17
06/01/24 01:25							0.5	82	21
06/01/24 01:30							0.5	105	20
06/01/24 01:35							0.6	113	18
06/01/24 01:40							0.7	65	18
06/01/24 01:45							0.6	92	21
06/01/24 01:50							0.6	45	13
06/01/24 01:55							0.6	45	10
06/01/24 02:00							0.5	58	13
06/01/24 02:05	0.805	5.966	6.771	0.032			0.5	46	11
06/01/24 02:10	0.892	6.339	7.231	-0.022			0.4	21	19
06/01/24 02:15	0.867	6.371	7.238	-0.002			0.4	6	16
06/01/24 02:20	0.716	6.345	7.061	-0.026			0.3	11	19
06/01/24 02:25	0.908	6.691	7.598	0.043			0.4	23	28
06/01/24 02:30	1.139	7.427	8.567	0.094			0.8	337	21
06/01/24 02:35	1.263	8.322	9.585	0.040			1.2	321	13
06/01/24 02:40	1.258	8.891	10.149	0.002			0.7	326	28
06/01/24 02:45	1.188	9.206	10.394	0.036			0.6	274	35
06/01/24 02:50	1.092	9.695	10.788	0.055			0.6	319	37
06/01/24 02:55	1.225	10.104	11.330	0.071			1.0	330	15
06/01/24 03:00	2.186	10.532	12.718	0.069			1.1	331	13
06/01/24 03:05	4.008	10.947	14.955	0.076			1.5	328	16
06/01/24 03:10	5.561	11.215	16.776	0.133			1.5	333	12
06/01/24 03:15	5.671	11.678	17.348	0.175			1.1	321	19
06/01/24 03:20	6.040	11.878	17.918	0.165			1.0	327	21
06/01/24 03:25	6.729	12.103	18.832	0.190			0.9	324	23
06/01/24 03:30	7.287	12.110	19.397	0.287			1.1	318	20
06/01/24 03:35	7.799	11.961	19.759	0.282			0.6	20	32
06/01/24 03:40	7.760	12.025	19.784	0.278			0.7	10	39

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/01/24 03:45	7.436	12.015	19.451	0.199			0.8	335	27
06/01/24 03:50	6.433	11.676	18.109	0.191			0.7	343	27
06/01/24 03:55	5.077	11.389	16.466	0.206			0.8	320	27
06/01/24 04:00	2.853	11.291	14.144	0.255			1.1	312	13
06/01/24 04:05	1.762	9.865	11.627	0.215			0.9	332	26
06/01/24 04:10	1.616	9.503	11.118	0.184			0.5	10	35
06/01/24 04:15	2.452	10.004	12.456	0.222			1.2	13	30
06/01/24 04:20	3.213	11.074	14.287	0.258			1.2	19	18
06/01/24 04:25	3.654	12.062	15.716	0.250			1.0	9	29
06/01/24 04:30	4.580	12.827	17.408	0.303			0.6	342	48
06/01/24 04:35	5.697	13.968	19.665	0.367			0.6	333	45
06/01/24 04:40	6.676	14.447	21.124	0.395			0.7	335	41
06/01/24 04:45	6.325	12.641	18.966	0.418			0.9	311	24
06/01/24 04:50	6.475	12.317	18.792	0.413			0.7	272	38
06/01/24 04:55	5.769	9.571	15.340	0.389			1.2	290	28
06/01/24 05:00	2.943	4.550	7.494	0.323			1.1	328	18
06/01/24 05:05	1.281	6.523	7.804	0.320			1.5	321	19
06/01/24 05:10	1.411	7.164	8.576	0.330			1.2	324	17
06/01/24 05:15	1.273	8.124	9.397	0.377			1.8	311	15
06/01/24 05:20	1.094	8.722	9.816	0.377			1.2	319	19
06/01/24 05:25	1.107	8.645	9.752	0.422			0.6	334	34
06/01/24 05:30	1.126	8.278	9.404	0.433			0.4	352	46
06/01/24 05:35	1.236	7.963	9.199	0.393			0.6	17	42
06/01/24 05:40	3.410	8.459	11.869	0.365			0.4	23	42
06/01/24 05:45	15.472	11.923	27.395	0.489			0.7	321	39
06/01/24 05:50	18.472	11.753	30.225	0.544			0.5	352	38
06/01/24 05:55	18.376	11.766	30.142	0.569			0.5	27	45
06/01/24 06:00	17.621	11.414	29.035	0.605			0.7	8	42
06/01/24 06:05	16.385	10.630	27.016	0.654			0.7	25	47
06/01/24 06:10	15.859	10.568	26.428	0.607			0.5	345	48
06/01/24 06:15	15.999	10.715	26.714	0.610			0.7	329	37
06/01/24 06:20	15.687	10.828	26.515	0.706			0.4	7	52
06/01/24 06:25	15.141	10.706	25.847	0.781			0.5	29	33
06/01/24 06:30	14.986	10.524	25.510	0.835			0.8	48	19
06/01/24 06:35	15.133	10.432	25.565	0.854			0.6	49	39
06/01/24 06:40	14.997	10.386	25.383	0.954			0.8	33	37
06/01/24 06:45	15.725	10.175	25.900	1.033			0.5	28	52
06/01/24 06:50	16.153	10.068	26.221	0.973			0.3	5	50
06/01/24 06:55	15.077	9.996	25.072	1.049			0.1	40	85
06/01/24 07:00	14.817	9.904	24.720	1.071			0.6	306	42
06/01/24 07:05	15.105	9.706	24.811	1.122			0.8	312	33
06/01/24 07:10	15.141	9.565	24.707	1.185			0.5	36	55
06/01/24 07:15	13.115	8.596	21.712	1.227			0.2	67	71
06/01/24 07:20	7.125	5.397	12.521	1.198			0.6	70	46
06/01/24 07:25	4.797	6.015	10.812	1.163			0.5	53	46
06/01/24 07:30	4.183	5.757	9.940	1.156			0.7	76	41
06/01/24 07:35	4.055	5.437	9.492	1.169			0.6	48	49
06/01/24 07:40	4.390	5.333	9.723	1.120			0.6	21	43
06/01/24 07:45	4.984	5.733	10.717	1.116			0.7	54	45
06/01/24 07:50	5.499	6.089	11.588	1.131			0.1	82	92
06/01/24 07:55	5.823	6.193	12.016	1.168			0.5	104	48
06/01/24 08:00	5.750	5.993	11.743	1.180			0.6	172	47
06/01/24 08:05	5.550	5.740	11.289	1.177			0.6	156	40
06/01/24 08:10	5.278	5.372	10.650	1.153			1.0	148	24
06/01/24 08:15	4.966	5.097	10.063	1.118			0.6	149	41
06/01/24 08:20	4.669	4.959	9.627	1.040			0.5	154	43
06/01/24 08:25	4.346	4.908	9.254	1.006			0.7	192	37
06/01/24 08:30	4.159	4.704	8.863	1.016			0.7	184	46
06/01/24 08:35	4.092	4.664	8.755	0.990			1.0	146	23
06/01/24 08:40	3.916	4.663	8.579	0.957			0.9	153	34
06/01/24 08:45	3.766	4.715	8.481	0.862			1.2	171	31
06/01/24 08:50	3.916	4.780	8.696	0.753			0.8	167	39
06/01/24 08:55	4.381	5.017	9.398	0.771			0.4	165	71
06/01/24 09:00	4.230	4.983	9.213	0.762			0.9	149	39
06/01/24 09:05	4.750	5.178	9.928	0.727			1.3	150	27
06/01/24 09:10	6.934	6.853	13.787	0.756			1.0	168	44
06/01/24 09:15	4.369	4.948	9.317	0.753			0.5	81	81
06/01/24 09:20	4.013	4.797	8.810	0.835			0.6	77	69
06/01/24 09:25	3.376	4.513	7.889	0.873			2.0	341	40
06/01/24 09:30	2.554	4.423	6.977	0.803			2.9	310	25
06/01/24 09:35	1.888	4.206	6.094	0.696			1.6	341	56
06/01/24 09:40	1.781	4.109	5.890	0.522			2.9	323	28
06/01/24 09:45	1.674	3.643	5.316	0.465			2.1	342	39
06/01/24 09:50	1.665	3.366	5.031	0.385			2.8	311	26
06/01/24 09:55	1.504	3.155	4.659	0.306			2.8	314	27
06/01/24 10:00	1.502	3.007	4.509	0.283			2.0	323	38
06/01/24 10:05	1.437	2.815	4.252	0.286			2.2	342	38
06/01/24 10:10	1.336	2.782	4.118	0.274			1.6	351	50
06/01/24 10:15	1.377	2.833	4.210	0.208			2.4	356	43
06/01/24 10:20	1.435	2.958	4.394	0.245			2.3	335	35
06/01/24 10:25	1.420	3.200	4.620	0.191			1.9	341	38
06/01/24 10:30	1.340	3.313	4.653	0.123			2.0	340	29
06/01/24 10:35	1.261	3.314	4.575	0.088			1.8	353	53
06/01/24 10:40	1.242	3.252	4.493	0.156			1.8	3	43
06/01/24 10:45	1.203	3.151	4.355	0.158			1.6	6	50
06/01/24 10:50	1.185	3.155	4.340	0.108			2.7	52	29
06/01/24 10:55	1.207	3.089	4.296	0.080			2.0	331	48
06/01/24 11:00	1.235	3.164	4.399	0.082			1.9	20	44
06/01/24 11:05	1.090	2.992	4.082	0.052			2.4	37	34
06/01/24 11:10	1.020	2.908	3.928	0.097			2.0	11	45
06/01/24 11:15	0.943	2.923	3.866	0.129			2.1	41	35
06/01/24 11:20	0.937	2.865	3.802	0.121			2.0	40	42
06/01/24 11:25	0.946	2.928	3.874	0.019			2.1	24	41
06/01/24 11:30	0.822	2.830	3.652	-0.044			2.5	54	27
06/01/24 11:35	0.786	2.852	3.638	0.058			2.9	45	25
06/01/24 11:40	0.708	2.811	3.519	0.107			1.8	52	34
06/01/24 11:45	0.595	2.804	3.399	0.100			2.2	55	38
06/01/24 11:50	0.619	2.762	3.381	0.103			0.9	347	70
06/01/24 11:55	0.569	2.693	3.263	0.123			2.1	316	27
06/01/24 12:00	0.658	2.644	3.303	0.060			2.3	36	33
06/01/24 12:05	0.689	2.586	3.274	0.023			2.0	19	39
06/01/24 12:10	0.692	2.670	3.363	0.112			2.3	38	30
06/01/24 12:15	0.662	2.703	3.365	0.124			1.5	44	44
06/01/24 12:20	0.712	2.691	3.403	0.165			2.3	29	38
06/01/24 12:25	0.772	2.802	3.575	0.096			1.8	50	39
06/01/24 12:30	0.793	2.900	3.693	0.151			2.1	24	40

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/01/24 12:35	0.760	2.743	3.503	0.171			2.1	323	42
06/01/24 12:40	0.606	2.475	3.081	0.120			1.3	314	39
06/01/24 12:45	0.482	2.457	2.939	0.121			1.8	353	31
06/01/24 12:50	0.540	2.406	2.947	0.213			1.5	2	42
06/01/24 12:55	0.654	2.157	2.811	0.207			0.7	16	56
06/01/24 13:00	0.527	2.169	2.695	0.158			1.7	333	42
06/01/24 13:05	0.499	2.350	2.849	0.115			1.9	311	34
06/01/24 13:10	0.519	2.505	3.024	0.182			0.9	8	54
06/01/24 13:15	0.519	2.694	3.213	0.219			1.2	9	40
06/01/24 13:20	0.515	2.588	3.104	0.107			1.0	5	48
06/01/24 13:25	0.542	2.571	3.112	0.099			0.6	62	66
06/01/24 13:30	0.767	2.612	3.379	0.131			1.0	66	49
06/01/24 13:35	0.925	3.218	4.143	0.128			1.3	33	39
06/01/24 13:40	0.952	3.119	4.071	0.173			1.7	312	41
06/01/24 13:45	0.831	2.241	3.072	0.191			1.1	340	48
06/01/24 13:50	0.572	2.112	2.684	0.165			1.2	294	28
06/01/24 13:55	0.409	1.867	2.276	0.167			0.5	272	45
06/01/24 14:00	0.257	1.732	1.989	0.234			1.4	321	23
06/01/24 14:05	0.246	1.682	1.928	0.206			0.4	355	70
06/01/24 14:10	0.298	1.802	2.099	0.206			0.2	308	79
06/01/24 14:15	0.319	2.056	2.375	0.227			1.0	287	30
06/01/24 14:20	0.304	2.229	2.533	0.228			0.1	6	98
06/01/24 14:25	0.318	2.281	2.599	0.203			0.2	258	72
06/01/24 14:30	0.431	2.457	2.888	0.238			0.4	324	78
06/01/24 14:35	0.571	2.619	3.190	0.270			1.9	75	30
06/01/24 14:40	0.662	2.961	3.623	0.317			1.0	45	63
06/01/24 14:45	0.768	3.154	3.922	0.352			0.7	34	62
06/01/24 14:50	0.954	3.492	4.446	0.277			1.1	30	41
06/01/24 14:55	0.893	3.154	4.047	0.128			0.5	16	70
06/01/24 15:00	0.810	2.916	3.726	0.138			0.8	352	60
06/01/24 15:05	0.677	2.739	3.416	0.178			1.4	57	46
06/01/24 15:10	0.739	2.803	3.542	0.162			1.6	55	38
06/01/24 15:15	0.707	2.975	3.682	0.132			1.7	27	34
06/01/24 15:20	0.634	2.901	3.534	0.097			1.7	49	33
06/01/24 15:25	0.513	2.809	3.323	0.149			1.8	59	30
06/01/24 15:30	0.444	2.713	3.157	0.232			1.8	85	32
06/01/24 15:35	0.604	2.745	3.349	0.300			0.9	41	45
06/01/24 15:40	0.508	2.573	3.081	0.293			1.5	309	20
06/01/24 15:45	0.416	2.526	2.942	0.248			0.8	231	47
06/01/24 15:50	0.550	3.119	3.669	0.266			1.1	170	30
06/01/24 15:55	0.675	3.796	4.472	0.385			0.7	195	31
06/01/24 16:00	1.059	5.541	6.600	0.348			0.3	173	68
06/01/24 16:05	1.795	14.791	16.585	0.305			0.7	165	56
06/01/24 16:10	3.319	23.270	26.589	0.300			1.2	197	31
06/01/24 16:15	3.136	8.502	11.638	0.304			0.8	162	49
06/01/24 16:20	1.485	2.780	4.266	0.297			1.0	159	41
06/01/24 16:25	1.065	3.507	4.572	0.292			1.7	153	31
06/01/24 16:30	0.900	4.195	5.095	0.212			1.2	151	37
06/01/24 16:35	0.824	4.931	5.755	0.212			0.9	195	48
06/01/24 16:40	0.810	5.891	6.701	0.198			0.7	208	53
06/01/24 16:45	0.691	5.025	5.716	0.298			0.5	185	64
06/01/24 16:50	0.820	5.148	5.967	0.322			0.6	177	54
06/01/24 16:55	0.921	5.138	6.059	0.408			0.7	153	55
06/01/24 17:00	0.889	4.515	5.404	0.507			0.9	154	43
06/01/24 17:05	0.834	4.101	4.935	0.602			1.0	200	34
06/01/24 17:10	0.822	3.759	4.580	0.578			1.6	203	21
06/01/24 17:15	0.715	3.772	4.486	0.433			0.9	201	40
06/01/24 17:20	0.651	3.826	4.476	0.432			1.3	206	29
06/01/24 17:25	0.573	3.566	4.139	0.371			1.0	196	34
06/01/24 17:30	0.427	3.464	3.891	0.352			0.7	214	38
06/01/24 17:35	0.332	3.381	3.713	0.332			1.0	208	36
06/01/24 17:40	0.362	3.347	3.709	0.251			1.0	210	34
06/01/24 17:45	0.406	3.264	3.669	0.223			0.1	178	90
06/01/24 17:50	0.399	3.155	3.554	0.225			1.3	143	24
06/01/24 17:55	0.349	3.331	3.681	0.158			1.8	162	21
06/01/24 18:00	0.352	3.802	4.154	0.123			1.1	155	32
06/01/24 18:05	0.348	4.358	4.706	0.096			0.9	119	34
06/01/24 18:10	0.557	5.298	5.854	0.090			1.8	124	16
06/01/24 18:15	0.521	5.217	5.738	0.136			2.2	126	11
06/01/24 18:20	0.490	3.795	4.285	0.176			2.3	128	09
06/01/24 18:25	0.370	3.348	3.717	0.289			2.1	129	10
06/01/24 18:30	0.142	3.282	3.424	0.383			2.3	123	12
06/01/24 18:35	0.101	3.210	3.311	0.493			2.3	127	12
06/01/24 18:40	0.217	3.199	3.416	0.575			2.3	128	11
06/01/24 18:45	0.321	3.242	3.563	0.637			2.1	128	10
06/01/24 18:50	0.587	4.353	4.940	0.588			1.6	124	11
06/01/24 18:55	0.775	5.072	5.847	0.523			1.9	128	14
06/01/24 19:00	0.679	4.107	4.787	0.525			2.3	130	09
06/01/24 19:05	0.592	3.680	4.271	0.577			2.1	129	10
06/01/24 19:10	0.478	3.569	4.047	0.604			2.2	119	13
06/01/24 19:15	0.568	3.722	4.290	0.612			2.7	118	15
06/01/24 19:20	0.630	3.760	4.390	0.659			2.8	114	15
06/01/24 19:25	0.361	3.858	4.219	0.661			2.7	117	15
06/01/24 19:30	0.165	3.993	4.158	0.661			2.4	114	11
06/01/24 19:35	0.163	4.127	4.290	0.658			2.2	111	14
06/01/24 19:40	0.167	4.183	4.350	0.667			2.3	117	12
06/01/24 19:45	0.183	4.403	4.586	0.677			2.1	119	10
06/01/24 19:50	0.163	4.704	4.868	0.632			1.9	114	11
06/01/24 19:55	0.134	4.899	5.032	0.557			2.0	120	14
06/01/24 20:00	0.150	4.868	5.018	0.531			2.2	116	11
06/01/24 20:05	0.241	4.996	5.237	0.546			2.0	116	10
06/01/24 20:10	0.276	5.384	5.660	0.541			2.0	114	11
06/01/24 20:15	0.244	5.459	5.702	0.510			2.1	121	10
06/01/24 20:20	0.177	5.523	5.699	0.439			2.2	119	10
06/01/24 20:25	0.063	5.589	5.652	0.456			2.1	121	10
06/01/24 20:30	0.102	5.574	5.676	0.476			2.3	116	12
06/01/24 20:35	0.156	5.562	5.718	0.488			2.0	118	12
06/01/24 20:40	0.263	5.660	5.923	0.491			2.1	117	10
06/01/24 20:45	0.421	5.963	6.384	0.461			2.1	111	14
06/01/24 20:50	0.511	6.166	6.678	0.456			1.8	116	12
06/01/24 20:55	0.476	6.336	6.812	0.482			1.6	116	10
06/01/24 21:00	0.415	6.445	6.860	0.473			1.3	124	11
06/01/24 21:05	0.349	6.849	7.198	0.424			1.4	121	14
06/01/24 21:10	0.329	7.383	7.712	0.377			1.6	117	09
06/01/24 21:15	0.230	7.645	7.876	0.303			1.6	123	11
06/01/24 21:20	0.297	7.895	8.192	0.295			1.4	122	12

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/01/24 21:25	0.317	8.108	8.425	0.355			1.4	122	12
06/01/24 21:30	0.407	8.414	8.821	0.380			1.7	115	16
06/01/24 21:35	0.660	8.526	9.186	0.370			1.6	115	12
06/01/24 21:40	0.424	8.691	9.115	0.383			1.1	115	18
06/01/24 21:45	0.263	8.812	9.075	0.326			1.5	119	15
06/01/24 21:50	0.219	8.722	8.941	0.194			1.6	115	14
06/01/24 21:55	0.461	8.620	9.081	0.139			1.6	108	15
06/01/24 22:00	0.877	8.860	9.737	0.215			1.4	114	13
06/01/24 22:05	0.735	8.706	9.441	0.433			1.2	125	11
06/01/24 22:10	0.640	8.968	9.608	0.475			0.5	123	41
06/01/24 22:15	0.706	9.142	9.849	0.485			0.5	134	41
06/01/24 22:20	0.558	9.392	9.950	0.478			0.3	140	49
06/01/24 22:25	0.508	9.730	10.238	0.386			0.9	292	31
06/01/24 22:30	0.253	9.711	9.964	0.349			0.6	262	41
06/01/24 22:35	0.185	9.195	9.380	0.371			0.4	220	38
06/01/24 22:40	0.124	8.875	8.999	0.330			0.3	171	62
06/01/24 22:45	0.097	8.993	9.090	0.325			0.8	112	15
06/01/24 22:50	0.260	9.385	9.644	0.354			0.9	98	12
06/01/24 22:55	0.409	9.790	10.199	0.335			1.0	107	12
06/01/24 23:00	1.840	10.895	12.735	0.377			0.8	110	16
06/01/24 23:05	3.148	12.034	15.182	0.413			0.8	79	26
06/01/24 23:10	4.452	15.704	20.156	0.376			0.7	81	13
06/01/24 23:15	1.524	15.494	17.018	0.364			1.0	96	13
06/01/24 23:20	1.962	14.794	16.757	0.366			1.2	82	19
06/01/24 23:25	2.134	12.033	14.168	0.311			1.2	80	12
06/01/24 23:30	1.797	10.324	12.122	0.232			0.9	82	17
06/01/24 23:35	1.622	9.435	11.057	0.207			0.8	78	16
06/01/24 23:40	1.334	8.601	9.935	0.197			0.7	78	14
06/01/24 23:45	1.172	8.393	9.565	0.194			0.5	8	25
06/01/24 23:50	1.190	7.788	8.979				0.9	65	29
06/01/24 23:55	1.337	7.330	8.667				0.5	22	42
07/01/24 00:00	1.201	6.968	8.169				0.7	29	28
07/01/24 00:05	1.234	6.781	8.015				0.6	58	28
07/01/24 00:10	1.211	6.500	7.711				0.7	88	16
07/01/24 00:15	1.085	6.559	7.644				0.4	6	46
07/01/24 00:20	0.872	6.329	7.200				0.5	341	34
07/01/24 00:25	0.764	6.048	6.812				0.5	350	31
07/01/24 00:30	0.622	5.942	6.563				0.7	68	27
07/01/24 00:35	1.700	6.713	8.413				0.6	87	12
07/01/24 00:40	0.157	7.400	7.558				0.6	99	29
07/01/24 00:45	0.378	7.543	7.921				0.7	89	13
07/01/24 00:50	0.503	7.318	7.821				0.4	34	39
07/01/24 00:55	0.537	7.514	8.051				0.3	87	42
07/01/24 01:00	0.723	7.975	8.698				0.6	84	17
07/01/24 01:05							0.3	110	56
07/01/24 01:10							0.7	110	14
07/01/24 01:15							1.4	112	14
07/01/24 01:20							1.3	102	13
07/01/24 01:25							1.4	105	18
07/01/24 01:30							1.5	89	17
07/01/24 01:35							1.2	88	18
07/01/24 01:40							0.9	77	25
07/01/24 01:45							0.8	72	17
07/01/24 01:50							0.6	76	14
07/01/24 01:55							0.6	67	25
07/01/24 02:00							0.8	98	10
07/01/24 02:05	0.457	7.295	7.752	0.333			0.8	91	13
07/01/24 02:10	0.311	7.086	7.396	0.263			0.9	78	12
07/01/24 02:15	0.286	6.886	7.172	0.220			0.4	70	31
07/01/24 02:20	0.317	6.591	6.908	0.233			0.6	29	44
07/01/24 02:25	0.434	6.471	6.905	0.293			0.9	97	12
07/01/24 02:30	0.495	6.490	6.985	0.294			0.7	74	30
07/01/24 02:35	0.445	6.410	6.855	0.256			0.7	23	38
07/01/24 02:40	0.504	6.161	6.666	0.215			0.8	45	36
07/01/24 02:45	0.498	5.927	6.426	0.205			0.7	86	26
07/01/24 02:50	0.389	5.929	6.318	0.167			0.5	69	45
07/01/24 02:55	0.306	5.848	6.154	0.194			0.8	96	31
07/01/24 03:00	0.412	6.044	6.456	0.156			0.3	39	51
07/01/24 03:05	0.369	6.319	6.688	0.144			1.0	94	14
07/01/24 03:10	0.215	6.062	6.277	0.132			0.9	87	20
07/01/24 03:15	0.127	5.644	5.771	0.219			0.9	100	19
07/01/24 03:20	0.109	5.179	5.288	0.159			1.1	98	18
07/01/24 03:25	0.093	4.873	4.966	0.126			1.1	101	17
07/01/24 03:30	0.131	4.675	4.806	0.197			0.9	66	22
07/01/24 03:35	0.039	4.607	4.646	0.169			1.0	91	18
07/01/24 03:40	-0.108	4.555	4.447	0.131			1.0	84	26
07/01/24 03:45	-0.058	4.447	4.389	0.118			1.1	103	23
07/01/24 03:50	0.042	4.430	4.472	0.211			1.0	64	23
07/01/24 03:55	0.153	4.445	4.598	0.230			1.1	89	17
07/01/24 04:00	0.110	4.309	4.419	0.129			1.1	85	16
07/01/24 04:05	0.227	4.206	4.433	0.126			1.1	87	22
07/01/24 04:10	0.183	4.072	4.255	0.140			1.1	94	21
07/01/24 04:15	0.089	4.017	4.106	0.094			1.2	93	16
07/01/24 04:20	0.094	3.996	4.090	0.117			1.1	85	12
07/01/24 04:25	0.072	4.063	4.135	0.120			0.8	80	29
07/01/24 04:30	0.045	4.188	4.234	0.114			1.5	87	21
07/01/24 04:35	0.183	4.025	4.208	0.073			1.4	80	25
07/01/24 04:40	0.244	3.880	4.124	0.053			1.3	58	33
07/01/24 04:45	0.373	3.791	4.164	-0.047			1.3	88	28
07/01/24 04:50	0.326	3.892	4.218	-0.064			0.8	77	31
07/01/24 04:55	0.154	4.005	4.160	0.003			0.9	47	49
07/01/24 05:00	0.063	4.035	4.099	-0.007			0.8	75	23
07/01/24 05:05	0.157	4.246	4.403	-0.059			0.7	28	32
07/01/24 05:10	0.132	4.257	4.390	-0.055			1.2	12	25
07/01/24 05:15	0.154	4.207	4.361	0.010			1.1	44	26
07/01/24 05:20	0.118	4.414	4.532	0.017			1.2	42	25
07/01/24 05:25	0.112	4.611	4.722	0.049			0.7	43	28
07/01/24 05:30	0.631	4.999	5.629	0.056			1.0	37	33
07/01/24 05:35	0.718	5.295	6.013	0.105			1.0	346	25
07/01/24 05:40	0.659	5.146	5.806	0.121			1.1	353	36
07/01/24 05:45	0.564	5.502	6.066	0.082			1.3	30	33
07/01/24 05:50	0.699	6.429	7.129	0.056			0.9	49	39
07/01/24 05:55	0.911	7.114	8.025	0.069			1.3	29	29
07/01/24 06:00	0.909	6.880	7.789	0.087			1.1	44	29
07/01/24 06:05	1.101	6.717	7.818	0.114			1.5	36	26
07/01/24 06:10	0.935	6.128	7.063	0.135			1.4	22	27

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/01/24 06:15	0.754	5.631	6.385	0.164			1.1	19	33
07/01/24 06:20	0.610	5.244	5.854	0.192			1.1	14	37
07/01/24 06:25	0.518	5.028	5.546	0.147			0.9	10	42
07/01/24 06:30	0.467	4.799	5.266	0.112			1.6	11	29
07/01/24 06:35	0.743	4.345	5.088	0.146			1.8	23	29
07/01/24 06:40	0.711	3.625	4.336	0.159			2.0	25	21
07/01/24 06:45	0.705	3.740	4.445	0.160			1.7	29	28
07/01/24 06:50	0.575	3.793	4.367	0.177			1.5	27	28
07/01/24 06:55	0.564	4.168	4.732	0.152			1.7	43	30
07/01/24 07:00	0.524	4.129	4.653	0.125			2.1	24	28
07/01/24 07:05	0.565	3.866	4.430	0.182			1.7	21	30
07/01/24 07:10	0.718	5.130	5.849	0.161			1.4	29	40
07/01/24 07:15	1.160	4.770	5.929	0.170			1.6	6	28
07/01/24 07:20	1.220	5.202	6.422	0.109			1.2	348	44
07/01/24 07:25	1.348	5.888	7.236	0.085			1.8	345	31
07/01/24 07:30	1.216	5.772	6.988	0.068			1.4	349	39
07/01/24 07:35	1.190	5.689	6.879	0.007			1.9	28	31
07/01/24 07:40	1.318	5.734	7.052	0.012			1.9	14	26
07/01/24 07:45	2.989	6.695	9.684	0.085			1.6	34	36
07/01/24 07:50	2.249	4.169	6.418	0.051			2.3	31	36
07/01/24 07:55	6.176	9.225	15.401	0.009			2.1	17	37
07/01/24 08:00	1.182	2.482	3.664	0.024			2.5	10	23
07/01/24 08:05	1.312	2.881	4.192	0.026			1.8	34	33
07/01/24 08:10	2.598	4.119	6.717	0.044			2.4	38	32
07/01/24 08:15	3.135	3.307	6.442	0.088			2.1	38	42
07/01/24 08:20	2.381	3.149	5.529	0.100			2.0	27	28
07/01/24 08:25	2.132	3.957	6.089	0.094			2.6	26	23
07/01/24 08:30	1.993	2.837	4.830	0.015			2.0	2	31
07/01/24 08:35	1.608	2.519	4.126	-0.041			2.2	17	32
07/01/24 08:40	1.459	2.626	4.085	-0.024			1.2	14	49
07/01/24 08:45	1.784	3.442	5.226	-0.002			2.1	31	36
07/01/24 08:50	1.659	3.177	4.835	-0.015			2.6	21	29
07/01/24 08:55	0.794	2.697	3.491	0.072			2.0	16	30
07/01/24 09:00	0.960	3.544	4.504	0.027			1.7	35	39
07/01/24 09:05	1.276	3.771	5.047	0.046			2.4	37	29
07/01/24 09:10	1.431	3.092	4.522	-0.003			2.2	30	40
07/01/24 09:15	0.946	2.495	3.440	0.013			2.3	27	32
07/01/24 09:20	0.763	2.724	3.486	0.007			1.9	9	43
07/01/24 09:25	0.827	2.908	3.735	0.108			1.9	16	42
07/01/24 09:30	0.881	3.170	4.051	0.164			2.0	26	42
07/01/24 09:35	0.898	3.604	4.502	0.131			2.5	26	34
07/01/24 09:40	1.012	3.884	4.896	0.071			2.0	16	40
07/01/24 09:45	0.939	3.777	4.716	0.067			2.5	43	24
07/01/24 09:50	1.133	3.595	4.728	0.037			2.7	37	25
07/01/24 09:55	1.083	3.513	4.596	0.055			1.8	10	48
07/01/24 10:00	1.185	3.949	5.134	0.076			2.4	11	32
07/01/24 10:05	1.034	4.066	5.100	0.008			2.7	18	31
07/01/24 10:10	1.008	4.047	5.055	0.020			2.1	30	32
07/01/24 10:15	0.963	4.143	5.106	0.085			2.7	16	29
07/01/24 10:20	0.949	4.123	5.073	0.049			2.6	21	34
07/01/24 10:25	0.894	4.057	4.951	0.028			2.6	27	33
07/01/24 10:30	0.954	3.797	4.751	0.059			2.2	28	31
07/01/24 10:35	1.043	4.077	5.120	0.164			2.1	8	45
07/01/24 10:40	1.246	4.300	5.546	0.223			1.9	6	49
07/01/24 10:45	1.194	4.404	5.599	0.167			2.4	5	36
07/01/24 10:50	1.261	4.591	5.852	0.068			2.6	14	28
07/01/24 10:55	1.316	4.883	6.198	0.033			1.8	29	36
07/01/24 11:00	1.407	5.131	6.539	0.012			2.5	18	39
07/01/24 11:05	1.258	5.066	6.324	0.061			3.7	23	32
07/01/24 11:10	1.100	4.810	5.909	0.052			2.8	26	30
07/01/24 11:15	1.034	4.576	5.611	-0.044			2.5	24	33
07/01/24 11:20	0.993	4.531	5.524	-0.047			2.6	360	32
07/01/24 11:25	0.861	4.389	5.249	0.026			2.2	21	38
07/01/24 11:30	0.875	4.334	5.210	0.024			2.6	24	34
07/01/24 11:35	0.946	4.224	5.170	0.014			2.1	14	30
07/01/24 11:40	1.003	4.259	5.261	0.060			1.5	27	48
07/01/24 11:45	0.928	4.436	5.364	0.095			2.1	15	28
07/01/24 11:50	1.016	4.693	5.709	-0.036			2.0	22	29
07/01/24 11:55	1.097	4.913	6.010	-0.063			2.4	31	33
07/01/24 12:00	1.245	5.010	6.255	-0.044			2.3	37	27
07/01/24 12:05	1.418	5.267	6.685	-0.050			2.8	47	27
07/01/24 12:10	1.654	5.448	7.101	-0.066			1.8	49	22
07/01/24 12:15	2.163	6.188	8.351	-0.067			1.7	46	34
07/01/24 12:20	2.507	5.504	8.012	-0.097			2.1	55	24
07/01/24 12:25	2.313	4.904	7.216	-0.158			1.6	47	35
07/01/24 12:30	6.231	8.561	14.792	-0.149			2.1	47	24
07/01/24 12:35	2.631	8.127	10.758	-0.122			1.8	51	29
07/01/24 12:40	2.210	7.670	9.880	-0.093			1.8	28	28
07/01/24 12:45	2.167	6.939	9.105	-0.153			1.8	36	25
07/01/24 12:50	1.970	6.870	8.840	-0.141			1.8	23	34
07/01/24 12:55	1.175	6.494	7.669	-0.172			1.8	18	33
07/01/24 13:00	1.634	7.580	9.214	-0.272			1.7	47	33
07/01/24 13:05	1.990	5.852	7.843	-0.189			1.9	55	23
07/01/24 13:10	9.518	9.056	18.574	-0.137			1.4	46	38
07/01/24 13:15	4.931	7.668	12.599	-0.090			1.8	47	25
07/01/24 13:20	4.106	6.843	10.949	-0.109			1.7	45	28
07/01/24 13:25	2.357	6.765	9.121	-0.119			1.6	71	24
07/01/24 13:30	2.006	6.587	8.592	-0.146			1.6	63	28
07/01/24 13:35	1.679	6.055	7.734	-0.102			1.5	32	31
07/01/24 13:40	1.469	5.793	7.262	-0.004			1.6	25	27
07/01/24 13:45	1.440	5.675	7.115	-0.025			1.1	32	29
07/01/24 13:50	1.470	5.682	7.152	-0.038			1.4	10	33
07/01/24 13:55	1.560	5.657	7.217	-0.017			0.8	13	41
07/01/24 14:00	1.802	5.642	7.443	0.021			1.6	30	28
07/01/24 14:05	2.048	5.770	7.818	0.034			1.4	39	37
07/01/24 14:10	2.216	6.037	8.253	-0.036			1.1	65	23
07/01/24 14:15	2.283	6.733	9.015	-0.045			1.3	58	35
07/01/24 14:20	2.087	6.844	8.931	-0.021			2.1	45	20
07/01/24 14:25	1.780	6.637	8.417	-0.002			1.5	67	30
07/01/24 14:30	1.527	6.451	7.978	-0.012			1.7	52	21
07/01/24 14:35	1.490	6.345	7.835	-0.027			1.6	53	22
07/01/24 14:40	1.517	6.191	7.708	-0.068			1.4	41	36
07/01/24 14:45	1.443	5.885	7.328	-0.030			1.5	41	31
07/01/24 14:50	1.362	5.643	7.005	0.026			1.3	40	36
07/01/24 14:55	1.339	5.490	6.829	0.013			1.8	35	21
07/01/24 15:00	1.405	5.406	6.811	0.031			1.9	36	24

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/01/24 15:05	1.355	5.355	6.710	0.093			1.7	54	30
07/01/24 15:10	1.390	5.252	6.642	0.046			1.7	55	29
07/01/24 15:15	1.521	5.268	6.789	-0.019			1.4	62	35
07/01/24 15:20	2.019	5.460	7.480	-0.061			1.6	39	26
07/01/24 15:25	1.837	5.528	7.365	-0.083			1.7	47	26
07/01/24 15:30	2.934	5.990	8.924	-0.046			1.4	58	33
07/01/24 15:35	2.059	6.458	8.516	-0.061			1.7	58	24
07/01/24 15:40	2.750	7.980	10.730	-0.013			1.4	69	24
07/01/24 15:45	1.608	4.914	6.523	0.010			1.6	73	24
07/01/24 15:50	1.156	5.252	6.408	0.068			1.2	72	25
07/01/24 15:55	1.212	5.575	6.788	0.098			1.6	77	22
07/01/24 16:00	1.182	5.707	6.889	0.150			1.6	98	20
07/01/24 16:05	1.378	5.512	6.890	0.137			1.3	79	22
07/01/24 16:10	1.918	5.861	7.779	0.101			1.1	92	17
07/01/24 16:15	1.956	5.743	7.700	0.134			0.5	82	26
07/01/24 16:20	1.603	5.778	7.381	0.046			0.7	73	26
07/01/24 16:25	1.507	5.979	7.486	0.068			0.7	67	17
07/01/24 16:30	1.832	7.807	9.639	0.093			0.5	39	38
07/01/24 16:35	1.841	7.521	9.363	0.119			1.1	66	27
07/01/24 16:40	1.713	7.229	8.941	-0.001			1.2	53	29
07/01/24 16:45	1.585	6.813	8.398	-0.060			1.5	66	29
07/01/24 16:50	1.556	6.452	8.008	-0.084			1.2	48	30
07/01/24 16:55	1.578	6.259	7.837	-0.017			0.9	49	30
07/01/24 17:00	1.477	6.072	7.549	0.030			1.4	50	29
07/01/24 17:05	1.566	5.850	7.417	-0.003			1.2	65	26
07/01/24 17:10	2.038	6.039	8.077	-0.027			0.8	40	32
07/01/24 17:15	2.108	6.162	8.271	-0.099			1.3	38	21
07/01/24 17:20	1.885	6.147	8.031	-0.193			1.2	57	29
07/01/24 17:25	1.596	6.179	7.775	-0.159			1.1	62	27
07/01/24 17:30	1.552	6.411	7.964	-0.084			0.9	34	39
07/01/24 17:35	1.355	6.385	7.740	-0.061			1.8	35	20
07/01/24 17:40	1.360	6.267	7.626	-0.145			1.4	33	33
07/01/24 17:45	1.307	6.103	7.410	-0.070			0.9	34	28
07/01/24 17:50	1.387	6.050	7.437	-0.008			1.1	38	28
07/01/24 17:55	1.229	5.895	7.123	0.028			1.3	41	27
07/01/24 18:00	1.115	5.869	6.985	-0.038			0.8	62	39
07/01/24 18:05	1.218	6.086	7.304	-0.123			1.3	68	31
07/01/24 18:10	1.404	6.217	7.621	-0.098			1.3	78	26
07/01/24 18:15	1.512	6.520	8.032	-0.060			1.1	58	31
07/01/24 18:20	1.580	6.797	8.378	-0.058			1.6	78	22
07/01/24 18:25	1.672	7.227	8.899	-0.100			1.1	76	24
07/01/24 18:30	1.750	7.574	9.324	-0.013			0.9	86	20
07/01/24 18:35	1.760	7.860	9.620	-0.007			1.5	82	15
07/01/24 18:40	1.536	7.545	9.081	-0.014			1.8	82	16
07/01/24 18:45	1.434	7.113	8.547	0.057			1.9	73	16
07/01/24 18:50	1.288	6.632	7.921	0.089			1.7	80	16
07/01/24 18:55	1.130	6.139	7.269	0.109			1.5	89	16
07/01/24 19:00	1.064	5.913	6.977	0.046			1.4	77	14
07/01/24 19:05	1.079	5.892	6.971	0.047			1.4	77	22
07/01/24 19:10	0.913	5.561	6.474	0.021			1.5	73	15
07/01/24 19:15	0.722	5.340	6.062	-0.039			1.6	78	23
07/01/24 19:20	0.672	5.212	5.884	-0.008			1.9	74	24
07/01/24 19:25	0.654	5.385	6.039	0.036			0.8	58	41
07/01/24 19:30	0.561	5.539	6.100	0.087			1.3	37	34
07/01/24 19:35	0.472	5.317	5.789	0.044			1.8	31	32
07/01/24 19:40	0.583	5.232	5.815	0.022			0.8	81	32
07/01/24 19:45	0.549	5.300	5.850	-0.043			0.8	69	37
07/01/24 19:50	0.442	5.401	5.843	-0.031			0.8	12	62
07/01/24 19:55	0.370	5.362	5.732	0.074			1.0	74	35
07/01/24 20:00	0.430	5.450	5.881	0.076			1.0	36	45
07/01/24 20:05	0.378	5.597	5.975	-0.025			0.8	64	36
07/01/24 20:10	0.326	5.892	6.218	0.052			0.5	52	49
07/01/24 20:15	0.320	5.981	6.301	0.018			0.5	11	44
07/01/24 20:20	0.353	5.882	6.236	-0.020			0.6	16	27
07/01/24 20:25	0.195	5.992	6.187	0.036			0.6	27	31
07/01/24 20:30	0.143	6.106	6.248	0.111			0.6	354	52
07/01/24 20:35	0.332	6.224	6.556	0.140			0.7	347	48
07/01/24 20:40	0.216	6.248	6.464	0.178			0.7	358	53
07/01/24 20:45	0.062	6.335	6.397	0.102			0.7	355	43
07/01/24 20:50	0.015	6.478	6.493	0.042			1.2	19	27
07/01/24 20:55	0.034	6.503	6.538	0.058			0.8	33	43
07/01/24 21:00	0.061	6.442	6.503	0.070			0.7	51	30
07/01/24 21:05	0.195	6.436	6.630	0.022			0.6	40	40
07/01/24 21:10	0.308	6.444	6.752	0.001			0.4	72	47
07/01/24 21:15	0.562	6.840	7.402	-0.044			0.5	74	38
07/01/24 21:20	0.489	6.962	7.451	-0.074			0.3	33	59
07/01/24 21:25	0.470	7.136	7.606	-0.045			0.8	33	28
07/01/24 21:30	0.425	7.023	7.447	0.044			0.7	1	39
07/01/24 21:35	0.295	6.875	7.170	0.120			0.6	16	38
07/01/24 21:40	0.200	6.835	7.035	0.061			0.5	41	32
07/01/24 21:45	0.189	7.028	7.217	-0.083			0.3	53	49
07/01/24 21:50	0.184	7.216	7.400	-0.116			0.4	332	40
07/01/24 21:55	0.053	7.240	7.294	-0.102			0.2	303	63
07/01/24 22:00	-0.004	7.032	7.028	0.030			0.3	342	48
07/01/24 22:05	0.020	6.850	6.870	-0.009			0.6	52	21
07/01/24 22:10	0.050	6.829	6.879	0.043			0.4	14	42
07/01/24 22:15	0.113	6.720	6.832	-0.001			0.5	321	31
07/01/24 22:20	0.034	6.486	6.519	-0.064			0.5	299	18
07/01/24 22:25	0.067	6.489	6.556	-0.162			0.4	312	22
07/01/24 22:30	0.195	6.685	6.881	-0.158			0.1	286	87
07/01/24 22:35	0.229	6.940	7.170	-0.143			0.5	96	11
07/01/24 22:40	0.185	7.142	7.327	-0.061			0.6	95	11
07/01/24 22:45	0.074	6.934	7.008	-0.030			0.5	97	09
07/01/24 22:50	-0.057	6.797	6.740	-0.063			0.6	111	12
07/01/24 22:55	-0.094	6.832	6.738	-0.099			0.6	109	14
07/01/24 23:00	-0.204	7.115	6.911	-0.035			0.6	111	11
07/01/24 23:05	-0.136	7.104	6.968	0.012			0.4	118	17
07/01/24 23:10	-0.126	7.237	7.111	0.043			0.5	95	26
07/01/24 23:15	-0.172	7.444	7.272	0.054			0.3	128	30
07/01/24 23:20	-0.129	7.607	7.478	0.085			0.5	128	19
07/01/24 23:25	-0.066	7.711	7.645	-0.060			0.7	126	08
07/01/24 23:30	-0.015	7.539	7.524	-0.110			0.6	127	12
07/01/24 23:35	-0.049	7.439	7.390	-0.123			0.5	89	23
07/01/24 23:40	0.046	7.463	7.509	-0.101			0.6	73	11
07/01/24 23:45	0.085	7.496	7.581	-0.066			0.9	76	12
07/01/24 23:50	0.109	7.246	7.355				0.6	85	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
07/01/24 23:55	0.083	7.080	7.163				0.6	100	21
08/01/24 00:00	0.028	7.006	7.035				0.8	111	08
08/01/24 00:05	0.141	6.963	7.104				0.6	103	14
08/01/24 00:10	0.078	6.996	7.074				0.9	114	12
08/01/24 00:15	0.116	6.843	6.959				1.0	90	11
08/01/24 00:20	0.072	6.602	6.674				0.9	97	15
08/01/24 00:25	-0.019	6.271	6.252				1.2	90	15
08/01/24 00:30	-0.070	6.008	5.938				1.5	95	11
08/01/24 00:35	-0.023	5.769	5.746				1.0	91	15
08/01/24 00:40	-0.097	5.612	5.515				1.0	94	17
08/01/24 00:45	-0.027	5.457	5.430				1.1	101	18
08/01/24 00:50	-0.007	5.341	5.334				0.8	112	20
08/01/24 00:55	-0.100	5.161	5.061				0.9	107	13
08/01/24 01:00	-0.045	4.951	4.906				0.9	82	16
08/01/24 01:05							1.0	78	13
08/01/24 01:10							0.8	71	12
08/01/24 01:15							0.5	63	22
08/01/24 01:20							0.6	87	16
08/01/24 01:25							0.7	79	10
08/01/24 01:30							0.3	13	45
08/01/24 01:35							0.2	328	43
08/01/24 01:40							0.3	269	20
08/01/24 01:45							0.4	205	21
08/01/24 01:50							0.6	197	18
08/01/24 01:55							0.5	164	40
08/01/24 02:00							0.1	154	85
08/01/24 02:05	0.049	5.724	5.773	0.231			0.3	121	37
08/01/24 02:10	0.014	5.471	5.486	0.264			0.5	76	25
08/01/24 02:15	0.045	5.215	5.260	0.205			0.3	67	21
08/01/24 02:20	0.022	5.263	5.285	0.196			0.5	73	11
08/01/24 02:25	-0.010	5.704	5.695	0.269			0.3	44	31
08/01/24 02:30	-0.058	6.101	6.043	0.242			0.8	55	07
08/01/24 02:35	-0.121	6.190	6.069	0.320			0.4	22	24
08/01/24 02:40	-0.069	6.300	6.231	0.361			0.4	360	40
08/01/24 02:45	-0.052	6.842	6.790	0.325			0.7	341	30
08/01/24 02:50	-0.106	7.980	7.874	0.316			0.7	3	38
08/01/24 02:55	0.002	9.605	9.606	0.288			0.5	307	36
08/01/24 03:00	0.222	12.804	13.026	0.240			0.7	308	22
08/01/24 03:05	0.422	16.604	17.026	0.210			1.0	303	15
08/01/24 03:10	1.331	18.607	19.937	0.150			0.8	272	19
08/01/24 03:15	2.497	21.031	23.527	0.135			0.7	275	18
08/01/24 03:20	3.280	20.520	23.800	0.077			0.9	284	30
08/01/24 03:25	5.071	20.024	25.095	0.164			1.8	267	17
08/01/24 03:30	13.171	21.185	34.356	0.251			1.3	266	17
08/01/24 03:35	13.062	18.069	31.131	0.310			0.9	261	27
08/01/24 03:40	2.705	12.370	15.075	0.295			1.1	252	28
08/01/24 03:45	1.008	11.330	12.339	0.301			1.2	261	18
08/01/24 03:50	3.404	20.145	23.549	0.310			0.6	253	41
08/01/24 03:55	5.063	16.063	21.126	0.410			0.8	253	31
08/01/24 04:00	5.404	15.258	20.662	0.443			0.7	257	30
08/01/24 04:05	4.230	12.816	17.046	0.389			0.8	253	29
08/01/24 04:10	3.416	12.542	15.957	0.390			1.1	262	22
08/01/24 04:15	3.890	13.659	17.549	0.336			0.8	254	31
08/01/24 04:20	2.884	11.116	14.001	0.335			0.3	237	59
08/01/24 04:25	1.760	9.265	11.025	0.415			1.2	233	18
08/01/24 04:30	1.506	10.645	12.151	0.408			1.5	232	06
08/01/24 04:35	1.205	8.168	9.372	0.321			0.7	227	32
08/01/24 04:40	0.802	7.396	8.198	0.288			0.3	244	39
08/01/24 04:45	0.486	6.400	6.886	0.329			0.5	263	33
08/01/24 04:50	0.371	6.034	6.405	0.384			0.5	261	33
08/01/24 04:55	0.403	5.621	6.024	0.435			0.6	232	21
08/01/24 05:00	0.347	5.416	5.763	0.373			0.3	229	35
08/01/24 05:05	0.244	5.897	6.141	0.446			0.3	263	40
08/01/24 05:10	0.279	6.769	7.048	0.461			0.5	263	34
08/01/24 05:15	0.261	7.398	7.658	0.475			1.0	269	15
08/01/24 05:20	0.353	7.483	7.836	0.511			0.6	259	32
08/01/24 05:25	0.548	8.038	8.586	0.437			0.5	257	37
08/01/24 05:30	0.872	9.153	10.025	0.407			0.7	266	19
08/01/24 05:35	1.942	11.127	13.070	0.425			0.9	267	23
08/01/24 05:40	4.184	19.679	23.864	0.397			1.0	265	19
08/01/24 05:45	11.975	17.376	29.351	0.417			1.2	270	23
08/01/24 05:50	12.518	16.522	29.040	0.391			0.7	262	26
08/01/24 05:55	13.838	15.995	29.833	0.394			1.0	273	17
08/01/24 06:00	17.069	15.902	32.971	0.392			1.0	274	20
08/01/24 06:05	17.498	15.499	32.996	0.393			1.3	274	14
08/01/24 06:10	23.618	15.702	39.320	0.403			0.9	267	20
08/01/24 06:15	25.518	18.976	44.494	0.404			1.0	266	19
08/01/24 06:20	17.960	16.738	34.698	0.456			1.0	263	19
08/01/24 06:25	21.074	20.568	41.642	0.489			1.3	270	16
08/01/24 06:30	12.698	16.896	29.594	0.448			1.3	267	17
08/01/24 06:35	12.548	17.519	30.067	0.436			1.1	267	25
08/01/24 06:40	14.826	17.042	31.868	0.438			1.6	267	24
08/01/24 06:45	16.118	16.100	32.218	0.397			1.7	269	12
08/01/24 06:50	20.799	15.681	36.480	0.424			1.3	266	20
08/01/24 06:55	26.992	20.102	47.094	0.426			1.2	261	24
08/01/24 07:00	35.316	18.737	54.052	0.493			1.0	263	24
08/01/24 07:05	29.090	21.729	50.819	0.612			0.8	253	32
08/01/24 07:10	18.689	14.349	33.038	0.627			0.6	250	46
08/01/24 07:15	0.787	4.354	5.142	0.574			1.1	232	32
08/01/24 07:20	0.908	4.410	5.318	0.485			0.6	229	54
08/01/24 07:25	1.141	4.128	5.269	0.413			0.7	247	41
08/01/24 07:30	6.195	15.238	21.434	0.462			0.7	240	49
08/01/24 07:35	1.314	5.036	6.350	0.473			0.6	230	43
08/01/24 07:40									
08/01/24 07:45									
08/01/24 07:50									
08/01/24 07:55									
08/01/24 08:00									
08/01/24 08:05									
08/01/24 08:10									
08/01/24 08:15									
08/01/24 08:20									
08/01/24 08:25									
08/01/24 08:30									
08/01/24 08:35									
08/01/24 08:40									

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/01/24 08:45									
08/01/24 08:50									
08/01/24 08:55									
08/01/24 09:00									
08/01/24 09:05									
08/01/24 09:10									
08/01/24 09:15									
08/01/24 09:20									
08/01/24 09:25									
08/01/24 09:30									
08/01/24 09:35									
08/01/24 09:40									
08/01/24 09:45									
08/01/24 09:50									
08/01/24 09:55									
08/01/24 10:00									
08/01/24 10:05									
08/01/24 10:10									
08/01/24 10:15									
08/01/24 10:20									
08/01/24 10:25									
08/01/24 10:30									
08/01/24 10:35									
08/01/24 10:40									
08/01/24 10:45									
08/01/24 10:50									
08/01/24 10:55									
08/01/24 11:00									
08/01/24 11:05									
08/01/24 11:10									
08/01/24 11:15	0.296	1.440	1.736	0.207			4.3	250	05
08/01/24 11:20	0.228	1.364	1.591	0.208			4.8	248	07
08/01/24 11:25	0.255	1.358	1.613	0.246			4.5	251	05
08/01/24 11:30	0.215	1.301	1.516	0.211			4.9	248	05
08/01/24 11:35	0.188	1.149	1.337	0.204			4.6	251	05
08/01/24 11:40	0.365	1.049	1.414	0.190			4.6	252	05
08/01/24 11:45	0.476	1.013	1.489	0.212			4.8	251	06
08/01/24 11:50	0.564	1.167	1.731	0.264			4.8	250	06
08/01/24 11:55	0.501	1.042	1.543	0.267			4.6	247	05
08/01/24 12:00	1.134	2.665	3.799	0.301			4.8	246	07
08/01/24 12:05	2.099	2.631	4.730	0.327			4.9	247	07
08/01/24 12:10	2.173	1.229	3.402	0.368			4.8	247	05
08/01/24 12:15	1.631	0.375	2.006	0.419			4.5	247	06
08/01/24 12:20	1.087	0.190	1.277	0.349			4.1	250	08
08/01/24 12:25	0.826	0.327	1.153	0.336			4.7	251	05
08/01/24 12:30	0.710	0.337	1.047	0.298			4.4	249	06
08/01/24 12:35	0.593	0.452	1.045	0.254			4.5	251	06
08/01/24 12:40	0.432	0.461	0.893	0.222			4.8	251	06
08/01/24 12:45	0.412	0.535	0.948	0.223			4.8	251	05
08/01/24 12:50	0.429	0.617	1.047	0.180			4.8	250	05
08/01/24 12:55	0.381	0.588	0.969	0.179			4.4	249	08
08/01/24 13:00	0.538	0.653	1.192	0.178			4.6	248	07
08/01/24 13:05	0.615	0.789	1.404	0.148			4.7	247	09
08/01/24 13:10	0.601	0.814	1.415	0.100			5.2	250	04
08/01/24 13:15	0.671	0.810	1.481	0.118			5.3	244	08
08/01/24 13:20	0.730	0.753	1.483	0.132			4.6	252	05
08/01/24 13:25	0.601	0.794	1.395	0.119			5.2	246	09
08/01/24 13:30	1.409	3.670	5.079	0.118			4.3	247	06
08/01/24 13:35	1.062	1.043	2.105	0.226			5.2	248	05
08/01/24 13:40	0.574	1.591	2.165	0.270			5.3	249	08
08/01/24 13:45	0.477	1.373	1.850	0.263			5.0	247	06
08/01/24 13:50	0.537	1.067	1.604	0.204			4.8	247	06
08/01/24 13:55	0.652	0.918	1.570	0.197			5.0	248	06
08/01/24 14:00	0.546	0.765	1.311	0.259			4.5	250	06
08/01/24 14:05	0.528	0.660	1.188	0.232			4.9	247	07
08/01/24 14:10	0.634	0.613	1.247	0.254			4.6	249	08
08/01/24 14:15	0.540	0.560	1.100	0.224			4.3	248	08
08/01/24 14:20	0.642	0.740	1.383	0.194			4.2	247	08
08/01/24 14:25	0.990	1.289	2.279	0.259			5.0	244	10
08/01/24 14:30	1.784	1.977	3.762	0.332			4.8	244	11
08/01/24 14:35	1.704	0.690	2.393	0.361			5.1	245	08
08/01/24 14:40	1.469	0.805	2.273	0.355			5.5	238	11
08/01/24 14:45	1.471	0.344	1.815	0.295			4.6	246	08
08/01/24 14:50	1.277	0.907	2.184	0.256			4.8	246	07
08/01/24 14:55	1.257	0.665	1.922	0.175			5.1	243	09
08/01/24 15:00	1.541	0.677	2.219	0.180			5.0	241	11
08/01/24 15:05	2.576	1.302	3.878	0.202			5.0	243	09
08/01/24 15:10	0.222	0.532	0.755	0.192			4.8	248	05
08/01/24 15:15	0.073	0.841	0.914	0.187			5.6	243	09
08/01/24 15:20	0.286	0.972	1.258	0.187			5.1	243	08
08/01/24 15:25	0.665	1.379	2.044	0.216			4.9	241	11
08/01/24 15:30	0.957	1.860	2.817	0.245			5.6	244	09
08/01/24 15:35	2.956	4.812	7.768	0.285			4.4	241	11
08/01/24 15:40	17.567	5.674	23.242	0.275			4.5	237	14
08/01/24 15:45	15.698	8.258	23.956	0.258			5.2	235	12
08/01/24 15:50	31.064	6.055	37.119	0.342			4.5	237	12
08/01/24 15:55	13.492	5.795	19.287	0.333			5.3	235	11
08/01/24 16:00				0.316			4.6	233	15
08/01/24 16:05	99.184	11.476	110.660	0.599			5.9	244	06
08/01/24 16:10	0.378	0.782	1.160	0.478			5.7	246	05
08/01/24 16:15	0.444	0.698	1.141	0.387			6.0	246	05
08/01/24 16:20	0.487	0.669	1.156	0.352			6.5	245	05
08/01/24 16:25	0.478	0.997	1.476	0.412			5.5	245	07
08/01/24 16:30	0.544	1.179	1.724	0.402			6.0	245	05
08/01/24 16:35	0.585	1.475	2.060	0.367			5.3	249	04
08/01/24 16:40	0.484	1.293	1.777	0.321			5.9	246	05
08/01/24 16:45	0.361	1.105	1.466	0.348			5.1	248	05
08/01/24 16:50	0.415	1.004	1.419	0.297			5.6	248	04
08/01/24 16:55	0.492	1.132	1.624	0.260			5.2	247	05
08/01/24 17:00	1.287	9.804	11.091	0.238			5.2	248	04
08/01/24 17:05				0.253			5.2	246	05
08/01/24 17:10	0.752	0.694	1.446	0.288			4.9	247	05
08/01/24 17:15	0.231	0.892	1.123	0.304			4.5	247	06
08/01/24 17:20	0.318	0.782	1.100	0.286			4.4	247	05
08/01/24 17:25	0.447	1.750	2.197	0.285			4.8	243	07
08/01/24 17:30	0.920	5.923	6.843	0.408			5.9	235	09

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/01/24 17:35	0.669	2.078	2.747	0.387			3.1	222	13
08/01/24 17:40	0.670	5.042	5.712	0.348			2.7	216	15
08/01/24 17:45	0.790	3.914	4.704	0.285			2.8	219	15
08/01/24 17:50	1.428	5.749	7.177	0.269			3.4	223	11
08/01/24 17:55	1.261	0.606	1.867	0.264			3.1	218	15
08/01/24 18:00	0.735	1.258	1.993	0.212			2.7	216	18
08/01/24 18:05	0.697	3.134	3.831	0.207			2.5	213	15
08/01/24 18:10	0.640	3.700	4.340	0.239			2.7	220	13
08/01/24 18:15	0.626	4.645	5.271	0.320			2.5	219	15
08/01/24 18:20	0.734	5.310	6.044	0.333			1.8	220	17
08/01/24 18:25	0.767	4.755	5.522	0.283			1.1	207	31
08/01/24 18:30	0.587	2.485	3.072	0.269			1.4	216	28
08/01/24 18:35	0.469	0.918	1.386	0.349			1.3	213	27
08/01/24 18:40	0.394	0.802	1.196	0.491			1.0	167	45
08/01/24 18:45	0.356	0.863	1.219	0.400			1.1	185	48
08/01/24 18:50	0.295	0.882	1.177	0.345			1.5	151	35
08/01/24 18:55	0.274	0.919	1.193	0.297			2.0	145	27
08/01/24 19:00	0.186	0.937	1.123	0.338			2.3	150	26
08/01/24 19:05	0.141	0.968	1.108	0.296			2.9	152	20
08/01/24 19:10	0.135	1.008	1.144	0.266			2.8	149	21
08/01/24 19:15	0.195	1.126	1.321	0.147			2.3	153	22
08/01/24 19:20	0.167	1.238	1.405	0.169			1.7	155	26
08/01/24 19:25	0.236	1.366	1.602	0.136			1.9	159	21
08/01/24 19:30	0.239	1.443	1.682	0.063			2.2	152	20
08/01/24 19:35	0.295	1.476	1.771	0.045			1.8	153	28
08/01/24 19:40	0.310	1.455	1.766	0.050			0.9	152	36
08/01/24 19:45	0.228	1.488	1.717	0.073			1.1	145	40
08/01/24 19:50	0.088	1.603	1.691	0.093			1.1	156	38
08/01/24 19:55	0.081	1.677	1.758	0.081			1.5	155	33
08/01/24 20:00	0.096	1.729	1.824	0.186			2.1	149	27
08/01/24 20:05	0.061	1.749	1.811	0.297			1.8	145	27
08/01/24 20:10	-0.026	1.766	1.740	0.293			2.0	146	28
08/01/24 20:15	0.027	1.690	1.717	0.280			2.0	150	22
08/01/24 20:20	0.035	1.689	1.724	0.213			2.2	153	28
08/01/24 20:25	-0.023	1.688	1.665	0.329			1.9	150	26
08/01/24 20:30	-0.008	1.706	1.697	0.358			2.7	151	22
08/01/24 20:35	0.066	1.731	1.797	0.391			2.4	153	23
08/01/24 20:40	0.089	1.710	1.800	0.552			1.9	149	30
08/01/24 20:45	0.173	1.643	1.816	0.546			2.4	152	20
08/01/24 20:50	0.151	1.603	1.754	0.335			2.2	147	23
08/01/24 20:55	0.180	1.580	1.760	0.326			2.6	151	18
08/01/24 21:00	0.157	1.653	1.810	0.271			1.6	146	26
08/01/24 21:05	0.117	1.730	1.847	0.376			1.8	152	28
08/01/24 21:10	0.202	1.745	1.946	0.351			2.1	151	23
08/01/24 21:15	0.193	1.777	1.970	0.164			2.7	153	18
08/01/24 21:20	0.153	1.715	1.868	0.216			2.6	150	23
08/01/24 21:25	0.136	1.653	1.789	0.207			3.1	153	20
08/01/24 21:30	0.055	1.626	1.681	0.209			3.0	154	14
08/01/24 21:35	0.057	1.612	1.670	0.233			2.7	154	20
08/01/24 21:40	0.136	1.498	1.633	0.173			2.7	154	18
08/01/24 21:45	0.107	1.385	1.492	0.265			0.5	168	59
08/01/24 21:50	0.126	1.299	1.425	0.340			0.6	154	54
08/01/24 21:55	-0.026	1.334	1.307	0.215			2.0	152	24
08/01/24 22:00	-0.033	1.321	1.288	0.173			2.0	159	20
08/01/24 22:05	-0.018	1.326	1.308	0.226			2.7	149	16
08/01/24 22:10	0.045	1.315	1.360	0.200			2.4	151	17
08/01/24 22:15	0.047	1.204	1.251	0.299			1.8	157	26
08/01/24 22:20	-0.031	1.160	1.130	0.310			1.7	152	29
08/01/24 22:25	-0.040	1.220	1.180	0.249			1.8	149	23
08/01/24 22:30	-0.162	1.307	1.146	0.249			2.3	154	18
08/01/24 22:35	-0.186	1.280	1.095	0.294			2.0	151	25
08/01/24 22:40	-0.168	1.285	1.117	0.368			2.5	151	17
08/01/24 22:45	-0.092	1.239	1.147	0.380			2.3	151	22
08/01/24 22:50	0.015	1.234	1.248	0.218			2.5	149	18
08/01/24 22:55	0.099	1.270	1.368	0.086			2.4	153	24
08/01/24 23:00	0.078	1.258	1.336	0.208			2.4	158	19
08/01/24 23:05	-0.011	1.192	1.181	0.232			2.3	159	22
08/01/24 23:10	-0.003	1.044	1.041	0.138			1.6	156	28
08/01/24 23:15	0.019	0.957	0.976	0.113			1.4	161	25
08/01/24 23:20	-0.040	0.935	0.895	0.176			2.5	158	17
08/01/24 23:25	-0.001	0.916	0.915	0.222			2.7	150	21
08/01/24 23:30	-0.002	0.930	0.929	0.194			2.6	154	24
08/01/24 23:35	0.007	0.916	0.923	0.163			3.5	150	15
08/01/24 23:40	0.065	0.921	0.986	0.167			3.6	155	14
08/01/24 23:45	0.109	0.870	0.978	0.121			2.6	158	26
08/01/24 23:50	0.057	0.935	0.992				0.9	134	43
08/01/24 23:55	0.054	0.974	1.029				0.8	146	57
09/01/24 00:00	-0.053	1.016	0.962	0.173			1.2	148	38
09/01/24 00:05	-0.064	1.143	1.079	0.165			1.6	130	29
09/01/24 00:10	0.001	1.241	1.243	0.161			1.1	144	36
09/01/24 00:15	-0.138	1.360	1.221	0.073			1.4	158	31
09/01/24 00:20	-0.110	1.330	1.220	0.000			1.1	154	36
09/01/24 00:25	-0.074	1.330	1.256	-0.066			0.8	153	45
09/01/24 00:30	-0.104	1.333	1.229	-0.072			1.1	155	31
09/01/24 00:35	-0.125	1.341	1.216	-0.097			0.8	145	40
09/01/24 00:40	0.004	1.367	1.372	-0.118			0.7	136	44
09/01/24 00:45	0.108	1.556	1.664	-0.178			0.9	133	39
09/01/24 00:50	0.058	1.780	1.838	-0.115			0.7	153	50
09/01/24 00:55	0.028	2.004	2.032	-0.058			1.1	160	38
09/01/24 01:00	0.040	2.138	2.178	-0.032			0.8	144	46
09/01/24 01:05							0.7	144	46
09/01/24 01:10							0.7	167	48
09/01/24 01:15							1.6	156	29
09/01/24 01:20							2.4	147	17
09/01/24 01:25							2.9	155	18
09/01/24 01:30							1.5	165	28
09/01/24 01:35							1.4	156	27
09/01/24 01:40							0.7	158	48
09/01/24 01:45							1.1	159	35
09/01/24 01:50							1.1	165	33
09/01/24 01:55							1.1	154	42
09/01/24 02:00							1.8	160	21
09/01/24 02:05	0.109	2.422	2.531	0.007			0.9	163	31
09/01/24 02:10	0.213	2.489	2.702	-0.041			0.5	153	56
09/01/24 02:15	0.151	2.670	2.821	-0.062			0.6	159	52
09/01/24 02:20									

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/01/24 02:25									
09/01/24 02:30									
09/01/24 02:35									
09/01/24 02:40									
09/01/24 02:45									
09/01/24 02:50									
09/01/24 02:55									
09/01/24 03:00									
09/01/24 03:05									
09/01/24 03:10									
09/01/24 03:15									
09/01/24 03:20									
09/01/24 03:25									
09/01/24 03:30									
09/01/24 03:35									
09/01/24 03:40									
09/01/24 03:45									
09/01/24 03:50									
09/01/24 03:55									
09/01/24 04:00									
09/01/24 04:05									
09/01/24 04:10									
09/01/24 04:15									
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09/01/24 04:25									
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09/01/24 04:35									
09/01/24 04:40									
09/01/24 04:45									
09/01/24 04:50									
09/01/24 04:55									
09/01/24 05:00									
09/01/24 05:05									
09/01/24 05:10									
09/01/24 05:15									
09/01/24 05:20									
09/01/24 05:25									
09/01/24 05:30									
09/01/24 05:35									
09/01/24 05:40									
09/01/24 05:45									
09/01/24 05:50									
09/01/24 05:55									
09/01/24 06:00									
09/01/24 06:05									
09/01/24 06:10									
09/01/24 06:15									
09/01/24 06:20									
09/01/24 06:25									
09/01/24 06:30									
09/01/24 06:35									
09/01/24 06:40									
09/01/24 06:45									
09/01/24 06:50									
09/01/24 06:55									
09/01/24 07:00									
09/01/24 07:05									
09/01/24 07:10									
09/01/24 07:15									
09/01/24 07:20									
09/01/24 07:25									
09/01/24 07:30							1.3	131	29
09/01/24 07:35							1.2	132	27
09/01/24 07:40							1.0	154	37
09/01/24 07:45							1.0	147	37
09/01/24 07:50							1.6	155	19
09/01/24 07:55	3.028	5.465	8.494				1.1	162	30
09/01/24 08:00	3.617	5.115	8.732				1.7	152	21
09/01/24 08:05	3.899	4.742	8.641				1.4	196	36
09/01/24 08:10	3.943	4.638	8.581				1.3	220	21
09/01/24 08:15	4.288	4.569	8.857	0.401			1.3	166	25
09/01/24 08:20	4.591	4.524	9.115	0.544			0.8	171	35
09/01/24 08:25	4.706	4.491	9.197	0.597			1.2	160	22
09/01/24 08:30	4.822	4.472	9.294	0.682			1.1	149	31
09/01/24 08:35	5.065	4.493	9.558	0.553			1.5	140	19
09/01/24 08:40	7.454	6.304	13.758	0.542			1.0	154	32
09/01/24 08:45	11.810	8.042	19.852	0.590			1.4	158	23
09/01/24 08:50	11.159	6.693	17.852	0.544			1.4	172	23
09/01/24 08:55	5.709	5.037	10.746	0.354			1.8	185	18
09/01/24 09:00	5.188	4.429	9.617	0.473			1.6	189	20
09/01/24 09:05	5.474	4.754	10.228	0.489			1.9	196	13
09/01/24 09:10	5.502	4.729	10.232	0.376			2.2	180	15
09/01/24 09:15	5.091	5.600	10.691	0.421			2.1	194	15
09/01/24 09:20	5.230	4.808	10.038	0.343			2.0	190	16
09/01/24 09:25	5.130	4.871	10.001	0.417			2.2	192	13
09/01/24 09:30	9.444	8.330	17.774	0.573			3.1	204	07
09/01/24 09:35	11.737	8.140	19.877	0.508			3.5	204	05
09/01/24 09:40	21.247	10.071	31.318	0.674			3.4	206	04
09/01/24 09:45	22.523	12.457	34.980	0.750			3.5	205	04
09/01/24 09:50	17.056	10.374	27.430	0.721			3.2	207	05
09/01/24 09:55	19.669	6.441	26.109	0.597			2.5	195	16
09/01/24 10:00	14.536	11.729	26.266	0.790			2.4	190	14
09/01/24 10:05	6.218	6.521	12.739	0.729			2.8	177	15
09/01/24 10:10	2.752	3.274	6.027	0.672			2.3	185	18
09/01/24 10:15	2.627	3.221	5.848	0.671			2.8	186	11
09/01/24 10:20	3.328	3.342	6.670	0.783			2.5	190	17
09/01/24 10:25	3.198	3.714	6.911	0.639			2.9	186	15
09/01/24 10:30	3.024	4.669	7.694	0.586			2.8	190	15
09/01/24 10:35	2.905	3.358	6.263	0.563			2.6	185	13
09/01/24 10:40	2.250	2.696	4.946	0.661			2.7	189	13
09/01/24 10:45	3.331	8.232	11.563	0.628			2.6	188	16
09/01/24 10:50	4.270	4.205	8.475	0.558			3.0	187	12
09/01/24 10:55	4.653	4.989	9.642	0.452			3.5	190	10
09/01/24 11:00	5.778	6.304	12.082	0.572			3.4	190	11
09/01/24 11:05	5.741	5.575	11.316	0.596			3.3	190	12
09/01/24 11:10	4.454	3.874	8.328	0.613			3.0	187	13

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/01/24 11:15	3.907	4.688	8.595	0.703			3.5	191	11
09/01/24 11:20	6.103	7.538	13.641	0.671			3.4	192	12
09/01/24 11:25	12.247	12.936	25.183	0.622			3.3	192	10
09/01/24 11:30	13.134	8.365	21.500	0.565			3.1	194	15
09/01/24 11:35	41.614	16.327	57.941	0.750			4.2	196	09
09/01/24 11:40	11.390	11.532	22.922	0.726			5.6	199	05
09/01/24 11:45	5.514	5.565	11.079	0.839			5.8	198	05
09/01/24 11:50	2.225	2.085	4.309	0.765			4.7	197	08
09/01/24 11:55	2.289	3.157	5.446	0.601			4.9	198	08
09/01/24 12:00	2.062	3.338	5.399	0.449			5.2	199	06
09/01/24 12:05	2.248	2.955	5.203	0.538			4.8	197	07
09/01/24 12:10	1.660	1.135	2.795	0.484			5.2	198	07
09/01/24 12:15	1.269	0.770	2.039	0.403			4.7	196	07
09/01/24 12:20	0.927	0.889	1.815	0.389			5.1	195	10
09/01/24 12:25	0.616	1.031	1.648	0.491			5.9	199	05
09/01/24 12:30	0.491	1.077	1.568	0.550			4.8	197	08
09/01/24 12:35	1.570	2.841	4.411	0.555			4.3	196	10
09/01/24 12:40	2.128	3.229	5.358	0.673			5.3	198	07
09/01/24 12:45	2.075	1.821	3.896	0.878			4.0	195	11
09/01/24 12:50	2.968	6.507	9.474	0.800			3.8	190	11
09/01/24 12:55	2.905	2.228	5.133	0.774			4.6	195	09
09/01/24 13:00	2.738	3.776	6.513	0.727			5.9	200	05
09/01/24 13:05	2.436	3.279	5.715	0.834			6.4	201	04
09/01/24 13:10	2.010	2.147	4.157	0.810			6.0	203	05
09/01/24 13:15	1.615	1.312	2.928	0.804			6.0	204	03
09/01/24 13:20	1.265	1.190	2.455	0.782			6.2	210	03
09/01/24 13:25	0.999	1.207	2.206	0.813			6.3	208	04
09/01/24 13:30	0.740	1.182	1.923	0.902			6.5	207	03
09/01/24 13:35	0.577	1.172	1.749	0.837			6.6	208	04
09/01/24 13:40	0.456	1.135	1.592	0.707			6.7	209	05
09/01/24 13:45	0.582	1.234	1.816	0.761			7.4	214	05
09/01/24 13:50	0.773	1.621	2.394	0.699			7.3	211	04
09/01/24 13:55	0.708	1.651	2.359	0.620			7.2	206	04
09/01/24 14:00	1.586	4.747	6.333	0.585			6.9	205	05
09/01/24 14:05	0.948	0.891	1.840	0.616			7.4	209	04
09/01/24 14:10	0.852	1.486	2.338	0.696			7.3	206	05
09/01/24 14:15	0.739	1.746	2.485	0.753			7.0	209	03
09/01/24 14:20	0.661	1.552	2.214	0.762			7.1	209	04
09/01/24 14:25	0.540	1.435	1.975	0.782			7.5	212	03
09/01/24 14:30	0.574	1.576	2.150	0.674			7.4	211	03
09/01/24 14:35	0.651	1.697	2.348	0.603			7.4	205	04
09/01/24 14:40	0.648	1.541	2.189	0.657			7.6	208	04
09/01/24 14:45	0.639	1.464	2.103	0.663			7.0	207	04
09/01/24 14:50	0.556	1.441	1.997	0.606			6.7	203	04
09/01/24 14:55	0.530	1.491	2.022	0.799			7.1	206	04
09/01/24 15:00	0.643	1.437	2.079	0.841			6.8	207	04
09/01/24 15:05	0.811	1.688	2.499	0.805			6.7	201	05
09/01/24 15:10	0.803	1.780	2.583	0.701			6.7	202	04
09/01/24 15:15	0.639	1.648	2.287	0.671			6.7	202	04
09/01/24 15:20	0.546	1.695	2.241	0.645			6.7	205	04
09/01/24 15:25	0.465	1.596	2.061	0.752			6.8	208	04
09/01/24 15:30	0.421	1.613	2.034	0.744			6.8	210	03
09/01/24 15:35	0.306	1.530	1.836	0.689			6.8	210	03
09/01/24 15:40	0.212	1.485	1.697	0.643			7.0	209	04
09/01/24 15:45	0.102	1.460	1.562	0.633			6.8	207	05
09/01/24 15:50	0.070	1.471	1.542	0.683			6.9	212	03
09/01/24 15:55	0.276	1.493	1.770	0.608			7.0	211	04
09/01/24 16:00	0.572	1.643	2.215	0.696			7.2	208	04
09/01/24 16:05	0.663	1.866	2.529	0.663			7.5	211	03
09/01/24 16:10	0.886	2.050	2.936	0.716			6.9	207	04
09/01/24 16:15	0.837	2.016	2.854	0.633			7.1	208	04
09/01/24 16:20	0.688	1.773	2.461	0.523			6.3	208	05
09/01/24 16:25	0.493	1.640	2.132	0.516			6.8	204	04
09/01/24 16:30	0.842	4.084	4.926	0.644			6.4	208	05
09/01/24 16:35	4.327	19.926	24.253	0.713			6.1	202	04
09/01/24 16:40	3.273	2.635	5.909	0.680			6.3	203	03
09/01/24 16:45	0.959	1.732	2.692	0.598			6.3	201	04
09/01/24 16:50	0.782	1.368	2.150	0.623			6.2	203	04
09/01/24 16:55	0.672	1.172	1.845	0.600			5.5	200	04
09/01/24 17:00	0.466	1.111	1.577	0.737			5.1	199	06
09/01/24 17:05	1.343	6.543	7.887	0.781			6.3	201	04
09/01/24 17:10	1.945	1.807	3.752	0.852			6.3	200	04
09/01/24 17:15	1.326	1.854	3.180	0.947			4.9	195	09
09/01/24 17:20	0.670	1.737	2.407	0.926			6.2	201	05
09/01/24 17:25	0.468	1.896	2.365	0.822			6.5	203	04
09/01/24 17:30	0.631	1.988	2.619	0.693			6.3	201	04
09/01/24 17:35	1.203	1.837	3.040	0.675			6.2	200	03
09/01/24 17:40	7.720	8.430	16.150	0.624			4.8	199	07
09/01/24 17:45	1.554	2.545	4.099	0.608			5.6	201	05
09/01/24 17:50	0.577	2.767	3.344	0.710			6.1	203	04
09/01/24 17:55	0.474	2.368	2.843	0.673			5.9	206	04
09/01/24 18:00	3.864	16.535	20.399	0.670			5.7	208	04
09/01/24 18:05	0.554	0.294	0.848	0.642			5.8	206	04
09/01/24 18:10	0.155	0.647	0.802	0.696			5.9	204	04
09/01/24 18:15	0.132	1.141	1.273	0.712			5.8	206	05
09/01/24 18:20	0.167	1.464	1.631	0.613			5.3	201	03
09/01/24 18:25	0.173	1.797	1.969	0.548			5.0	201	04
09/01/24 18:30	0.257	2.169	2.426	0.517			5.3	201	03
09/01/24 18:35	0.761	5.288	6.049	0.572			5.5	205	06
09/01/24 18:40	1.760	16.646	18.407	0.532			4.7	205	04
09/01/24 18:45	2.596	11.387	13.983	0.499			4.7	203	04
09/01/24 18:50	4.736	15.964	20.700	0.526			5.3	207	05
09/01/24 18:55	1.602	7.123	8.726	0.357			5.3	207	04
09/01/24 19:00	1.441	6.754	8.194	0.354			5.2	207	05
09/01/24 19:05	1.280	6.243	7.523	0.442			5.3	215	04
09/01/24 19:10	1.134	5.503	6.637	0.433			5.5	219	05
09/01/24 19:15	0.903	5.333	6.236	0.365			5.3	223	05
09/01/24 19:20	0.712	5.497	6.209	0.348			5.3	219	05
09/01/24 19:25	0.610	5.204	5.814	0.424			5.6	223	04
09/01/24 19:30	0.566	4.903	5.469	0.453			5.4	220	05
09/01/24 19:35	0.364	4.694	5.058	0.473			5.2	221	05
09/01/24 19:40	0.329	4.516	4.845	0.406			5.6	223	04
09/01/24 19:45	0.197	4.343	4.540	0.420			6.3	229	04
09/01/24 19:50	0.187	4.881	5.067	0.375			6.1	235	04
09/01/24 19:55	0.153	5.513	5.666	0.367			5.9	235	05
09/01/24 20:00	0.128	5.814	5.942	0.292			5.8	235	05

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
09/01/24 20:05	0.252	5.597	5.848	0.299			6.1	235	04
09/01/24 20:10	0.265	4.982	5.246	0.175			6.2	232	04
09/01/24 20:15	0.115	4.426	4.541	0.246			6.0	232	04
09/01/24 20:20	0.045	4.059	4.103	0.194			6.5	228	05
09/01/24 20:25	-0.018	3.988	3.970	0.249			6.5	231	04
09/01/24 20:30	-0.015	3.389	3.374	0.104			6.5	229	05
09/01/24 20:35	0.002	3.259	3.261	0.094			6.6	229	04
09/01/24 20:40	-0.004	3.469	3.465	0.000			7.1	226	05
09/01/24 20:45	-0.007	4.682	4.675	0.058			7.3	229	05
09/01/24 20:50	0.100	8.629	8.728	0.090			7.5	227	04
09/01/24 20:55	0.169	12.747	12.916	0.143			6.6	223	04
09/01/24 21:00	0.201	13.117	13.318	0.220			5.8	223	05
09/01/24 21:05	0.166	11.619	11.785	0.263			6.1	217	04
09/01/24 21:10	0.269	8.098	8.366	0.283			6.0	219	04
09/01/24 21:15	0.326	5.252	5.578	0.243			6.1	217	04
09/01/24 21:20	0.285	4.262	4.547	0.253			5.8	217	04
09/01/24 21:25	0.272	2.999	3.271	0.290			5.9	213	05
09/01/24 21:30	0.224	1.885	2.109	0.093			5.6	215	04
09/01/24 21:35	0.456	5.249	5.705	0.105			5.4	212	05
09/01/24 21:40	0.514	0.232	0.745	0.062			5.5	217	05
09/01/24 21:45	0.292	0.460	0.752	0.056			5.4	214	04
09/01/24 21:50	0.186	0.739	0.925	0.057			5.0	209	04
09/01/24 21:55	0.185	4.166	4.352	0.075			4.7	207	05
09/01/24 22:00	0.659	15.981	16.639	0.133			4.9	210	04
09/01/24 22:05	0.670	10.319	10.989	0.121			4.9	210	04
09/01/24 22:10	0.632	8.285	8.917	0.095			4.5	213	04
09/01/24 22:15	0.575	7.172	7.747	0.072			4.7	205	05
09/01/24 22:20	0.490	6.551	7.041	0.073			3.9	202	06
09/01/24 22:25	0.559	6.481	7.040	0.069			3.1	199	09
09/01/24 22:30	0.470	6.220	6.689	0.056			3.2	195	10
09/01/24 22:35	0.373	5.495	5.868	0.075			3.5	197	06
09/01/24 22:40	0.385	5.127	5.512	-0.042			3.4	200	06
09/01/24 22:45	0.269	4.337	4.606	-0.068			2.8	196	11
09/01/24 22:50	0.092	3.528	3.620	-0.018			1.6	173	22
09/01/24 22:55	0.135	3.901	4.035	-0.098			1.8	155	23
09/01/24 23:00	0.176	3.424	3.600	-0.065			1.6	170	29
09/01/24 23:05	0.067	2.950	3.016	0.042			2.2	186	12
09/01/24 23:10	-0.023	2.657	2.635	0.131			1.3	177	21
09/01/24 23:15	0.001	2.516	2.517	0.155			1.2	182	24
09/01/24 23:20	0.014	2.313	2.327	0.093			1.5	178	18
09/01/24 23:25	0.002	2.175	2.176	0.100			1.3	191	19
09/01/24 23:30	-0.026	2.075	2.049	0.218			0.8	190	23
09/01/24 23:35	-0.004	1.993	1.990	0.169			0.5	200	17
09/01/24 23:40	-0.016	1.892	1.876	0.159			0.4	235	22
09/01/24 23:45	-0.028	1.846	1.818	0.109			0.5	287	29
09/01/24 23:50	-0.029	1.850	1.821				1.4	297	08
09/01/24 23:55	0.048	1.878	1.926				1.6	303	08
10/01/24 00:00	-0.023	2.105	2.082	0.603			1.9	298	11
10/01/24 00:05	0.040	3.556	3.596	0.529			2.1	297	11
10/01/24 00:10	0.392	9.705	10.098	0.433			2.2	303	08
10/01/24 00:15	1.160	17.627	18.787	0.372			1.9	296	11
10/01/24 00:20	1.800	17.880	19.680	0.337			1.8	312	12
10/01/24 00:25	2.007	17.408	19.416	0.339			2.3	299	09
10/01/24 00:30	2.087	17.190	19.278	0.326			2.1	292	14
10/01/24 00:35	2.039	16.979	19.019	0.306			1.8	293	15
10/01/24 00:40	1.845	16.538	18.382	0.326			1.3	299	22
10/01/24 00:45	1.638	15.979	17.617	0.284			1.7	293	18
10/01/24 00:50	1.341	15.480	16.821	0.328			2.1	307	13
10/01/24 00:55	1.072	15.120	16.192	0.365			2.0	308	15
10/01/24 01:00	0.888	14.985	15.873	0.389			2.3	309	11
10/01/24 01:05							2.1	311	11
10/01/24 01:10							1.7	313	11
10/01/24 01:15							1.9	315	15
10/01/24 01:20							2.5	310	08
10/01/24 01:25							1.8	317	10
10/01/24 01:30							1.8	311	11
10/01/24 01:35							1.9	312	10
10/01/24 01:40							1.5	301	17
10/01/24 01:45							1.4	293	14
10/01/24 01:50							1.4	291	12
10/01/24 01:55							1.4	297	10
10/01/24 02:00							1.0	314	09
10/01/24 02:05	12.289	21.604	33.893	0.404			1.1	313	16
10/01/24 02:10	11.287	21.911	33.199	0.411			1.0	329	15
10/01/24 02:15	10.140	21.381	31.521	0.269			0.8	338	22
10/01/24 02:20	7.083	20.000	27.083	0.280			0.7	3	25
10/01/24 02:25	3.942	18.993	22.934	0.240			0.8	320	27
10/01/24 02:30	3.683	19.287	22.970	0.293			0.7	312	23
10/01/24 02:35	4.181	19.848	24.029	0.309			0.9	330	22
10/01/24 02:40	4.196	19.583	23.779	0.296			0.7	322	25
10/01/24 02:45	4.489	19.340	23.829	0.331			0.5	355	24
10/01/24 02:50	6.153	19.280	25.433	0.424			0.7	359	20
10/01/24 02:55	12.866	15.641	28.507	0.409			0.9	5	23
10/01/24 03:00	12.252	17.030	29.283	0.439			0.9	7	15
10/01/24 03:05	10.985	17.487	28.472	0.353			1.0	5	14
10/01/24 03:10	11.289	17.657	28.946	0.355			0.8	321	16
10/01/24 03:15	11.959	17.774	29.733	0.326			0.6	340	33
10/01/24 03:20	12.307	17.840	30.147	0.408			0.5	6	33
10/01/24 03:25	12.571	18.012	30.584	0.397			0.8	3	19
10/01/24 03:30	11.764	18.142	29.906	0.426			0.6	357	35
10/01/24 03:35	10.523	18.268	28.791	0.471			0.8	335	23
10/01/24 03:40	9.595	18.239	27.834	0.482			0.9	14	12
10/01/24 03:45	9.256	18.065	27.321	0.386			0.5	31	22
10/01/24 03:50	9.205	17.910	27.115	0.374			0.4	7	33
10/01/24 03:55	8.828	17.884	26.711	0.414			0.7	2	19
10/01/24 04:00	8.667	17.954	26.620	0.418			0.7	33	12
10/01/24 04:05	8.755	17.971	26.726	0.415			0.7	31	11
10/01/24 04:10	10.583	17.877	28.460	0.487			0.7	35	12
10/01/24 04:15	14.806	14.801	29.606	0.553			0.6	22	13
10/01/24 04:20	13.435	13.107	26.542	0.531			0.6	15	09
10/01/24 04:25	2.156	14.277	16.433	0.476			0.6	32	06
10/01/24 04:30	2.579	14.419	16.998	0.520			0.4	42	14
10/01/24 04:35	1.904	13.687	15.591	0.485			0.4	42	13
10/01/24 04:40	1.754	13.998	15.751	0.499			0.3	47	22
10/01/24 04:45	1.699	14.371	16.070	0.475			0.4	38	13
10/01/24 04:50	1.803	15.109	16.912	0.489			0.3	32	16

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/01/24 04:55	1.809	15.619	17.428	0.474			0.2	49	15
10/01/24 05:00	1.586	16.291	17.877	0.459			0.1	14	71
10/01/24 05:05	1.498	16.808	18.306	0.473			0.3	272	25
10/01/24 05:10	7.620	14.830	22.450	0.467			0.7	255	14
10/01/24 05:15	29.595	21.689	51.284	0.463			0.2	343	59
10/01/24 05:20	17.940	18.546	36.485	0.473			1.0	42	09
10/01/24 05:25	13.984	18.485	32.468	0.553			1.0	32	06
10/01/24 05:30	21.046	17.703	38.749	0.637			1.0	35	08
10/01/24 05:35	20.318	17.343	37.661	0.627			0.7	46	10
10/01/24 05:40	18.595	17.108	35.702	0.718			1.1	57	06
10/01/24 05:45	15.630	17.055	32.685	0.832			0.6	60	12
10/01/24 05:50	15.292	16.520	31.812	0.804			1.0	51	08
10/01/24 05:55	15.385	16.334	31.720	0.829			1.2	57	10
10/01/24 06:00	17.143	16.316	33.458	0.808			1.2	59	12
10/01/24 06:05	18.883	15.837	34.721	0.912			1.3	61	12
10/01/24 06:10	18.952	15.856	34.808	0.869			1.1	62	16
10/01/24 06:15	18.369	15.981	34.349	0.782			1.6	60	09
10/01/24 06:20	23.078	16.770	39.849	0.788			1.6	60	10
10/01/24 06:25	30.595	19.115	49.710	0.822			1.1	65	17
10/01/24 06:30	28.443	16.880	45.323	0.898			0.7	53	17
10/01/24 06:35	30.102	16.766	46.868	0.924			0.6	95	20
10/01/24 06:40	32.894	17.158	50.052	0.903			0.3	163	50
10/01/24 06:45	30.401	15.772	46.173	0.911			0.6	155	32
10/01/24 06:50	26.449	16.457	42.906	0.873			0.6	114	24
10/01/24 06:55	22.212	13.954	36.166	0.861			0.7	153	23
10/01/24 07:00	21.225	14.651	35.876	0.859			0.5	136	27
10/01/24 07:05	21.195	14.809	36.005	0.826			0.5	133	22
10/01/24 07:10	21.710	15.141	36.851	0.820			0.6	148	14
10/01/24 07:15	22.298	15.397	37.696	0.779			0.6	141	20
10/01/24 07:20	22.125	15.382	37.507	0.783			0.7	147	15
10/01/24 07:25	21.792	15.438	37.230	0.820			0.5	165	24
10/01/24 07:30	22.060	15.784	37.844	0.834			1.0	177	17
10/01/24 07:35	21.861	15.871	37.732	0.896			0.8	175	24
10/01/24 07:40	36.435	7.588	44.023	0.938			0.4	178	52
10/01/24 07:45	30.141	19.882	50.023	1.002			0.7	196	30
10/01/24 07:50	28.820	18.412	47.232	1.004			0.4	191	59
10/01/24 07:55	26.164	17.863	44.027	1.038			0.3	157	76
10/01/24 08:00	28.311	21.524	49.835	1.054			0.4	84	61
10/01/24 08:05	25.131	19.462	44.593	1.081			0.7	358	54
10/01/24 08:10	19.563	18.221	37.784	1.126			0.9	2	56
10/01/24 08:15	15.933	15.981	31.914	1.211			0.2	30	90
10/01/24 08:20							1.9	211	11
10/01/24 08:25							2.6	203	07
10/01/24 08:30							2.3	207	06
10/01/24 08:35							1.6	199	06
10/01/24 08:40							1.4	202	07
10/01/24 08:45							1.2	208	07
10/01/24 08:50							1.3	206	09
10/01/24 08:55							1.1	211	07
10/01/24 09:00							0.9	203	13
10/01/24 09:05							0.6	194	65
10/01/24 09:10							1.3	215	17
10/01/24 09:15							1.6	207	09
10/01/24 09:20							2.2	200	11
10/01/24 09:25							2.0	195	14
10/01/24 09:30							3.5	198	06
10/01/24 09:35							6.1	199	06
10/01/24 09:40							7.1	203	03
10/01/24 09:45	18.661	23.294	41.955	1.193			9.2	211	04
10/01/24 09:50	15.395	14.797	30.192	1.068			9.0	212	04
10/01/24 09:55	3.702	5.306	9.008	1.038			8.8	214	03
10/01/24 10:00	1.783	4.626	6.409	0.952			8.3	214	03
10/01/24 10:05	1.257	4.065	5.322	0.835			8.3	212	04
10/01/24 10:10	0.929	4.197	5.126	0.714			9.6	213	04
10/01/24 10:15	1.246	4.564	5.810	0.603			10.1	217	06
10/01/24 10:20	1.422	4.464	5.886	0.557			10.1	219	06
10/01/24 10:25	1.405	4.275	5.680	0.450			10.2	225	05
10/01/24 10:30	1.412	4.095	5.506	0.355			10.2	221	04
10/01/24 10:35	1.273	3.763	5.036	0.412			9.5	224	05
10/01/24 10:40	1.101	3.435	4.537	0.334			9.1	222	06
10/01/24 10:45	1.153	3.330	4.483	0.349			8.7	226	05
10/01/24 10:50	0.964	3.219	4.184	0.413			8.5	226	05
10/01/24 10:55	0.787	3.073	3.860	0.451			9.3	219	04
10/01/24 11:00	0.649	2.826	3.475	0.446			9.3	223	05
10/01/24 11:05	0.577	2.612	3.189	0.456			9.4	224	05
10/01/24 11:10	0.507	2.470	2.977	0.397			8.9	221	05
10/01/24 11:15	0.519	2.402	2.920	0.317			8.3	218	07
10/01/24 11:20	0.505	2.404	2.909	0.246			7.4	215	07
10/01/24 11:25	1.118	2.058	3.176	0.205			6.4	204	08
10/01/24 11:30	62.080	14.622	76.701	0.306			5.5	194	07
10/01/24 11:35				0.572			5.3	195	08
10/01/24 11:40	17.123	8.695	25.818	0.774			5.7	198	07
10/01/24 11:45	4.058	3.378	7.436	0.798			6.5	204	05
10/01/24 11:50	5.673	6.736	12.409	0.697			5.9	200	07
10/01/24 11:55	12.758	9.195	21.953	0.671			5.0	196	07
10/01/24 12:00	8.464	7.756	16.220	0.599			5.1	199	06
10/01/24 12:05	5.949	2.463	8.413	0.569			5.3	202	06
10/01/24 12:10	9.280	6.463	15.743	0.541			4.4	195	09
10/01/24 12:15	11.475	6.329	17.804	0.522			5.0	200	07
10/01/24 12:20	22.005	12.949	34.954	0.595			4.3	195	08
10/01/24 12:25	11.014	7.880	18.894	0.766			4.3	196	08
10/01/24 12:30	12.218	8.390	20.608	0.858			4.8	197	08
10/01/24 12:35	18.304	9.963	28.267	0.960			4.3	194	08
10/01/24 12:40	25.570	6.814	32.385	1.160			4.6	196	08
10/01/24 12:45	30.668	10.881	41.548	1.324			4.9	195	09
10/01/24 12:50	22.216	10.146	32.362	1.423			5.1	193	07
10/01/24 12:55	32.600	16.577	49.177	1.647			4.7	194	09
10/01/24 13:00	27.634	7.093	34.728	1.792			4.2	192	10
10/01/24 13:05	31.196	11.574	42.770	2.097			4.2	192	09
10/01/24 13:10	31.992	9.298	41.290	2.283			5.1	195	10
10/01/24 13:15	24.207	9.373	33.580	2.579			4.2	194	12
10/01/24 13:20	25.964	11.034	36.997	2.866			3.3	185	16
10/01/24 13:25	4.553	5.478	10.030	2.834			3.7	176	17
10/01/24 13:30	9.406	8.269	17.674	2.705			3.7	187	12
10/01/24 13:35	23.792	12.440	36.231	2.589			4.7	194	09
10/01/24 13:40	25.609	9.173	34.782	2.676			4.1	191	12

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/01/24 13:45	14.822	7.803	22.626	2.548			3.6	186	14
10/01/24 13:50	24.907	8.921	33.828	2.549			4.1	193	12
10/01/24 13:55	57.053	15.084	72.137	2.796			4.9	191	10
10/01/24 14:00	26.736	10.722	37.458	3.133			3.9	188	14
10/01/24 14:05	13.673	6.568	20.242	3.140			3.6	186	18
10/01/24 14:10	8.373	4.588	12.961	2.966			3.5	184	16
10/01/24 14:15	17.436	10.236	27.672	2.886			4.0	186	14
10/01/24 14:20	5.463	5.151	10.614	2.750			4.1	177	17
10/01/24 14:25	11.102	5.623	16.725	2.512			4.1	184	16
10/01/24 14:30	24.926	10.449	35.375	2.355			4.1	191	14
10/01/24 14:35	11.219	5.569	16.788	2.441			3.7	176	17
10/01/24 14:40	7.812	6.431	14.243	2.408			3.7	180	16
10/01/24 14:45	8.877	7.035	15.912	2.246			3.9	183	14
10/01/24 14:50	8.996	6.821	15.817	2.046			3.8	181	16
10/01/24 14:55	9.506	3.283	12.788	1.827			3.5	184	16
10/01/24 15:00	5.587	4.929	10.515	1.769			3.6	177	15
10/01/24 15:05	3.122	3.197	6.320	1.673			3.2	177	18
10/01/24 15:10	2.345	3.148	5.494	1.619			3.5	179	20
10/01/24 15:15	5.930	3.151	9.080	1.540			3.8	185	17
10/01/24 15:20	3.720	5.146	8.865	1.294			2.8	174	19
10/01/24 15:25	3.203	2.390	5.593	1.088			3.3	178	18
10/01/24 15:30	2.608	1.976	4.584	1.093			3.1	173	21
10/01/24 15:35	3.886	3.778	7.664	1.109			3.2	180	16
10/01/24 15:40	7.333	6.863	14.196	1.129			3.0	181	15
10/01/24 15:45	3.980	3.045	7.025	1.178			3.1	173	21
10/01/24 15:50	2.636	2.193	4.829	1.035			3.3	176	14
10/01/24 15:55	17.547	11.390	28.936	0.934			3.7	190	13
10/01/24 16:00	15.366	8.213	23.579	1.251			3.9	188	14
10/01/24 16:05	11.815	3.387	15.202	1.215			3.1	186	14
10/01/24 16:10	3.747	2.547	6.293	1.157			3.3	173	20
10/01/24 16:15	1.974	2.319	4.293	1.104			3.1	184	19
10/01/24 16:20	2.878	1.581	4.459	1.120			2.2	171	32
10/01/24 16:25	0.899	0.651	1.550	1.014			2.5	171	22
10/01/24 16:30	0.825	0.821	1.646	0.888			2.7	172	22
10/01/24 16:35	0.848	0.985	1.832	0.765			2.6	171	18
10/01/24 16:40	0.800	1.216	2.016	0.618			2.3	160	27
10/01/24 16:45	0.695	1.374	2.069	0.592			3.0	174	20
10/01/24 16:50	23.980	8.050	32.030	0.691			3.2	189	16
10/01/24 16:55	39.349	14.391	53.740	0.757			3.2	196	12
10/01/24 17:00	33.661	10.150	43.810	0.895			4.2	197	08
10/01/24 17:05	72.516	3.486	76.002	1.306			4.3	195	07
10/01/24 17:10	29.370	9.729	39.098	2.600			3.5	190	10
10/01/24 17:15	8.568	6.810	15.378	2.492			3.0	191	11
10/01/24 17:20	7.277	10.300	17.577	2.107			3.7	192	13
10/01/24 17:25	7.229	8.058	15.287	1.777			4.2	196	11
10/01/24 17:30	15.985	7.802	23.788	1.507			4.9	195	10
10/01/24 17:35	22.207	7.915	30.122	1.228			6.3	199	07
10/01/24 17:40	27.252	6.893	34.144	1.326			6.7	200	06
10/01/24 17:45	13.770	8.605	22.375	1.104			5.7	195	09
10/01/24 17:50	8.750	5.142	13.892	0.829			5.6	192	10
10/01/24 17:55	4.895	2.199	7.093	0.773			5.2	191	10
10/01/24 18:00	6.940	4.584	11.523	0.634			5.1	192	10
10/01/24 18:05	3.754	2.257	6.011	0.591			4.7	191	11
10/01/24 18:10	1.625	1.553	3.178	0.533			4.3	191	11
10/01/24 18:15	2.187	2.402	4.589	0.419			4.3	192	10
10/01/24 18:20	4.183	0.372	4.554	0.406			4.8	195	09
10/01/24 18:25	5.173	4.539	9.712	0.536			4.3	191	11
10/01/24 18:30	3.165	2.143	5.308	0.455			4.6	192	11
10/01/24 18:35	2.123	1.250	3.373	0.461			4.6	191	10
10/01/24 18:40	2.547	1.606	4.153	0.447			4.7	193	09
10/01/24 18:45	2.511	1.249	3.760	0.365			4.5	194	12
10/01/24 18:50	9.059	1.193	10.252	0.360			5.0	196	09
10/01/24 18:55	15.918	10.588	26.507	0.268			5.7	197	07
10/01/24 19:00	13.972	5.684	19.656	0.267			5.4	194	10
10/01/24 19:05	10.564	7.526	18.090	0.156			5.5	195	10
10/01/24 19:10	9.661	5.605	15.266	0.159			5.1	194	09
10/01/24 19:15				0.135			5.2	194	11
10/01/24 19:20	15.467	4.944	20.411	0.101			5.3	195	09
10/01/24 19:25	2.287	2.072	4.358	0.042			4.7	193	09
10/01/24 19:30	2.416	2.566	4.982	-0.065			4.4	192	13
10/01/24 19:35	2.011	1.974	3.986	0.021			4.6	188	10
10/01/24 19:40	0.687	0.361	1.049	0.034			4.4	191	11
10/01/24 19:45	0.423	0.382	0.805	0.059			4.6	187	09
10/01/24 19:50	0.644	0.725	1.370	0.109			4.9	190	10
10/01/24 19:55	1.411	1.388	2.799	-0.033			4.7	193	10
10/01/24 20:00	1.629	1.506	3.135	-0.074			4.8	187	10
10/01/24 20:05	1.173	1.022	2.195	-0.103			4.8	190	12
10/01/24 20:10	1.090	0.662	1.752	-0.187			4.5	191	13
10/01/24 20:15	0.767	0.664	1.432	-0.219			4.5	190	13
10/01/24 20:20	0.700	1.434	2.134	-0.262			4.8	187	11
10/01/24 20:25	0.565	1.636	2.201	-0.173			5.0	190	09
10/01/24 20:30	0.703	1.557	2.260	-0.131			4.7	191	11
10/01/24 20:35	0.690	1.343	2.033	-0.133			4.3	190	11
10/01/24 20:40	0.705	1.215	1.920	-0.037			4.3	186	12
10/01/24 20:45	0.721	1.227	1.948	-0.176			3.6	186	14
10/01/24 20:50	0.590	1.463	2.053	-0.223			3.7	185	13
10/01/24 20:55	0.513	1.538	2.051	-0.293			3.6	187	12
10/01/24 21:00	0.363	1.541	1.904	-0.299			3.0	182	18
10/01/24 21:05	0.255	1.826	2.081	-0.247			3.0	188	13
10/01/24 21:10	0.213	2.062	2.274	-0.294			3.2	187	12
10/01/24 21:15	0.189	2.060	2.249	-0.167			3.1	184	15
10/01/24 21:20	0.177	2.012	2.189	-0.047			3.3	188	13
10/01/24 21:25	0.178	1.826	2.004	0.049			2.8	181	16
10/01/24 21:30	0.133	1.632	1.765	-0.053			2.5	156	20
10/01/24 21:35	-0.044	1.528	1.484	-0.113			2.6	141	22
10/01/24 21:40	0.072	1.331	1.403	-0.186			3.2	139	16
10/01/24 21:45	0.028	1.212	1.240	-0.266			2.9	145	21
10/01/24 21:50	0.029	1.194	1.223	-0.282			2.5	134	24
10/01/24 21:55	0.030	1.327	1.356	-0.197			2.4	123	18
10/01/24 22:00	-0.004	1.546	1.543	-0.316			3.3	110	09
10/01/24 22:05	-0.078	1.800	1.722	-0.204			2.7	108	11
10/01/24 22:10	0.076	2.053	2.129	-0.109			3.4	106	08
10/01/24 22:15	0.170	2.091	2.261	-0.125			2.9	105	10
10/01/24 22:20	0.152	2.289	2.441	-0.095			3.1	102	08
10/01/24 22:25	0.064	2.435	2.499	-0.114			3.1	100	08
10/01/24 22:30	0.081	2.569	2.650	-0.182			3.0	104	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/01/24 22:35	0.183	2.529	2.711	-0.249			3.2	101	08
10/01/24 22:40	0.091	2.448	2.539	-0.328			3.5	101	07
10/01/24 22:45	0.081	2.360	2.441	-0.319			3.6	98	07
10/01/24 22:50	0.001	2.206	2.207	-0.266			3.3	101	06
10/01/24 22:55	-0.008	2.133	2.125	-0.236			3.1	103	10
10/01/24 23:00	0.045	1.918	1.963	-0.266			3.2	111	08
10/01/24 23:05	0.037	1.776	1.813	-0.236			2.9	110	11
10/01/24 23:10	-0.005	1.697	1.692	-0.202			2.9	98	09
10/01/24 23:15	0.008	1.713	1.721	-0.243			2.5	92	08
10/01/24 23:20	-0.031	1.842	1.811	-0.225			2.8	93	10
10/01/24 23:25	-0.109	1.970	1.861	-0.177			2.9	98	08
10/01/24 23:30	-0.049	1.969	1.921	-0.165			2.1	93	10
10/01/24 23:35	-0.078	2.023	1.945	-0.210			2.6	94	08
10/01/24 23:40	-0.098	2.114	2.016	-0.216			2.3	97	12
10/01/24 23:45	0.024	2.134	2.158	-0.163			2.5	98	09
10/01/24 23:50	0.058	2.032	2.091				2.8	100	09
10/01/24 23:55	-0.028	1.996	1.969				2.8	96	05
11/01/24 00:00	-0.007	1.967	1.959				2.7	106	08
11/01/24 00:05	0.074	1.886	1.960				2.7	100	08
11/01/24 00:10	0.020	1.926	1.946				2.4	99	10
11/01/24 00:15	0.054	1.867	1.921				3.2	104	07
11/01/24 00:20	0.011	1.730	1.741				3.4	104	04
11/01/24 00:25	-0.094	1.589	1.495				3.2	103	07
11/01/24 00:30	-0.031	1.416	1.385				2.9	99	08
11/01/24 00:35	-0.028	1.391	1.363				3.1	104	07
11/01/24 00:40	0.078	1.331	1.409				2.9	104	10
11/01/24 00:45	0.221	1.268	1.489				2.9	102	06
11/01/24 00:50	0.224	1.244	1.468				2.7	105	08
11/01/24 00:55	0.167	1.209	1.376				2.3	107	12
11/01/24 01:00	0.164	1.093	1.257				1.9	114	17
11/01/24 01:05							2.8	108	11
11/01/24 01:10							2.4	108	09
11/01/24 01:15							2.5	107	09
11/01/24 01:20							2.0	114	16
11/01/24 01:25							2.0	109	11
11/01/24 01:30							2.7	111	10
11/01/24 01:35							2.1	112	12
11/01/24 01:40							2.8	110	09
11/01/24 01:45							2.9	110	09
11/01/24 01:50							2.6	115	11
11/01/24 01:55							2.1	104	12
11/01/24 02:00							2.2	108	15
11/01/24 02:05	-0.002	1.314	1.312	0.440			2.5	100	08
11/01/24 02:10	0.020	1.403	1.423	0.430			3.2	102	07
11/01/24 02:15	0.076	1.523	1.599	0.472			2.4	96	08
11/01/24 02:20	0.098	1.535	1.633	0.426			2.6	102	09
11/01/24 02:25	-0.044	1.711	1.666	0.411			2.6	103	07
11/01/24 02:30	-0.180	1.767	1.587	0.497			2.2	109	13
11/01/24 02:35	-0.185	1.834	1.649	0.632			1.5	124	25
11/01/24 02:40	-0.073	1.838	1.765	0.621			1.5	170	28
11/01/24 02:45	-0.048	1.719	1.671	0.535			1.3	154	30
11/01/24 02:50	-0.125	1.613	1.487	0.487			1.5	157	26
11/01/24 02:55	-0.143	1.517	1.374	0.459			2.4	187	19
11/01/24 03:00	0.019	1.460	1.479	0.387			1.7	160	31
11/01/24 03:05	0.087	1.452	1.539	0.234			2.6	208	10
11/01/24 03:10	0.084	1.212	1.296	0.182			1.3	149	40
11/01/24 03:15	0.061	1.339	1.399	0.339			1.9	89	11
11/01/24 03:20	-0.006	1.516	1.510	0.302			1.7	98	08
11/01/24 03:25	0.018	1.701	1.719	0.267			2.2	101	07
11/01/24 03:30	0.108	1.804	1.912	0.338			2.3	99	08
11/01/24 03:35	0.094	1.907	2.001	0.385			1.7	85	10
11/01/24 03:40	0.034	1.994	2.029	0.397			2.0	87	11
11/01/24 03:45	0.014	2.081	2.095	0.355			1.7	86	13
11/01/24 03:50	0.002	2.132	2.133	0.210			2.0	92	13
11/01/24 03:55	0.009	2.123	2.131	0.170			2.6	95	10
11/01/24 04:00	0.113	2.030	2.142	0.259			2.6	88	09
11/01/24 04:05	0.021	1.991	2.012	0.351			2.9	96	10
11/01/24 04:10	-0.014	1.853	1.839	0.414			2.6	105	11
11/01/24 04:15	-0.079	1.740	1.660	0.203			2.8	108	09
11/01/24 04:20	-0.022	1.717	1.695	0.168			3.4	111	08
11/01/24 04:25	0.068	1.575	1.643	0.318			2.6	105	10
11/01/24 04:30	0.145	1.406	1.551	0.133			2.3	105	11
11/01/24 04:35	0.218	1.486	1.704	0.131			2.5	99	06
11/01/24 04:40	0.167	1.671	1.837	0.337			2.4	104	08
11/01/24 04:45	0.078	1.639	1.717	0.412			2.5	105	11
11/01/24 04:50	0.059	1.607	1.666	0.329			2.7	97	07
11/01/24 04:55	0.144	1.786	1.930	0.349			2.4	95	10
11/01/24 05:00	0.217	1.969	2.186	0.348			2.2	89	09
11/01/24 05:05	0.388	2.657	3.045	0.197			2.3	93	09
11/01/24 05:10	0.292	2.741	3.032	0.156			2.9	97	07
11/01/24 05:15	0.242	2.911	3.153	0.264			2.6	95	10
11/01/24 05:20	5.682	7.947	13.629	0.175			2.5	101	13
11/01/24 05:25	0.245	3.344	3.589	0.174			2.9	106	08
11/01/24 05:30	0.203	3.417	3.620	0.269			2.7	102	10
11/01/24 05:35	0.234	3.705	3.938	0.265			2.8	108	08
11/01/24 05:40	0.232	3.589	3.821	0.219			3.1	112	09
11/01/24 05:45	0.233	3.745	3.978	0.138			3.0	106	09
11/01/24 05:50	0.649	5.643	6.292	0.112			2.6	97	08
11/01/24 05:55	0.843	7.382	8.225	0.271			2.9	107	07
11/01/24 06:00	0.729	5.779	6.509	0.292			2.5	97	08
11/01/24 06:05	0.804	6.142	6.946	0.263			2.3	96	09
11/01/24 06:10	0.803	6.275	7.079	0.276			2.7	101	09
11/01/24 06:15	7.106	6.989	14.094	0.353			2.5	94	07
11/01/24 06:20	2.653	8.857	11.511	0.486			2.1	83	10
11/01/24 06:25	3.543	6.610	10.153	0.312			1.9	82	11
11/01/24 06:30	1.825	5.781	7.606	0.290			2.5	101	08
11/01/24 06:35	1.386	5.649	7.035	0.203			2.6	101	07
11/01/24 06:40	1.437	5.783	7.220	0.198			2.6	99	08
11/01/24 06:45	1.972	6.106	8.078	0.238			2.6	103	09
11/01/24 06:50	1.747	6.417	8.164	0.379			2.7	107	11
11/01/24 06:55	1.754	5.857	7.612	0.330			1.7	116	20
11/01/24 07:00	1.945	5.539	7.483	0.337			2.3	112	08
11/01/24 07:05	17.294	20.193	37.487	0.285			2.0	113	14
11/01/24 07:10	3.474	6.233	9.707	0.320			2.2	117	14
11/01/24 07:15	3.757	5.553	9.310	0.447			2.9	108	09
11/01/24 07:20	4.498	4.150	8.648	0.354			3.6	111	07

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/01/24 07:25	18.904	0.087	18.991	0.389			3.8	113	08
11/01/24 07:30	1.227	4.301	5.529	0.445			2.2	117	14
11/01/24 07:35	9.756	8.215	17.971	0.524			2.0	121	16
11/01/24 07:40	5.100	3.084	8.184	0.468			2.6	115	10
11/01/24 07:45	12.706	2.854	15.560	0.357			3.1	108	07
11/01/24 07:50	5.602	3.895	9.497	0.396			3.4	106	08
11/01/24 07:55	5.310	1.296	6.606	0.242			2.5	99	11
11/01/24 08:00	18.427	10.159	28.586	0.192			1.6	124	19
11/01/24 08:05	3.053	6.670	9.722	0.241			2.6	120	20
11/01/24 08:10	7.485	3.568	11.053	0.320			2.3	114	18
11/01/24 08:15	3.285	1.957	5.242	0.332			2.5	114	10
11/01/24 08:20	3.791	2.226	6.017	0.372			2.2	117	23
11/01/24 08:25	3.593	2.681	6.273	0.310			1.5	169	17
11/01/24 08:30	23.849	10.542	34.391	0.375			1.7	140	22
11/01/24 08:35	17.926	7.270	25.196	0.490			1.9	172	26
11/01/24 08:40	5.274	2.510	7.785	0.548			2.1	163	19
11/01/24 08:45	13.626	7.316	20.942	0.603			1.7	165	25
11/01/24 08:50	7.761	4.317	12.077	0.575			1.6	164	25
11/01/24 08:55	6.354	2.594	8.948	0.413			2.7	190	12
11/01/24 09:00	15.757	15.491	31.248	0.403			2.3	194	15
11/01/24 09:05	9.798	5.654	15.452	0.394			2.0	185	21
11/01/24 09:10	6.620	5.343	11.963	0.481			2.4	194	14
11/01/24 09:15	8.173	6.018	14.191	0.438			2.5	198	14
11/01/24 09:20	6.058	3.882	9.940	0.537			2.4	198	11
11/01/24 09:25	4.553	3.752	8.305	0.570			1.8	182	25
11/01/24 09:30	5.251	4.502	9.753	0.528			2.8	201	14
11/01/24 09:35	7.228	7.773	15.000	0.536			2.7	197	13
11/01/24 09:40	7.884	6.209	14.093	0.583			3.1	208	08
11/01/24 09:45	22.175	8.751	30.926	0.501			2.9	205	09
11/01/24 09:50	13.027	4.442	17.469	0.417			3.4	201	10
11/01/24 09:55	31.568	6.945	38.513	0.494			3.6	203	12
11/01/24 10:00	28.891	13.550	42.441	0.561			3.7	206	09
11/01/24 10:05	15.382	6.878	22.260	0.551			3.2	201	11
11/01/24 10:10	15.831	9.217	25.048	0.632			3.6	207	07
11/01/24 10:15	11.252	10.915	22.168	0.553			3.3	208	09
11/01/24 10:20	10.190	8.428	18.618	0.476			3.2	197	12
11/01/24 10:25	12.906	12.052	24.958	0.398			3.8	201	10
11/01/24 10:30	23.427	14.076	37.504	0.569			3.5	195	12
11/01/24 10:35	24.882	13.081	37.964	0.750			3.3	196	11
11/01/24 10:40	23.063	6.195	29.258	0.679			3.7	202	11
11/01/24 10:45	11.830	9.484	21.314	0.624			3.6	204	08
11/01/24 10:50	15.255	19.189	34.443	0.602			3.9	203	07
11/01/24 10:55	15.519	9.671	25.190	0.606			3.7	199	09
11/01/24 11:00	16.426	11.733	28.159	0.700			3.5	206	08
11/01/24 11:05	17.885	11.499	29.384	0.707			3.7	204	08
11/01/24 11:10	30.866	13.503	44.369	0.728			4.0	201	10
11/01/24 11:15	26.732	11.003	37.735	0.762			3.9	198	11
11/01/24 11:20	33.038	15.301	48.339	0.770			3.9	198	10
11/01/24 11:25	29.266	12.897	42.164	0.827			3.8	198	10
11/01/24 11:30	34.137	18.946	53.083	0.841			3.5	197	12
11/01/24 11:35	28.831	9.698	38.529	0.815			3.9	201	11
11/01/24 11:40	22.896	13.726	36.622	0.820			4.0	195	13
11/01/24 11:45	14.574	9.955	24.529	0.809			4.2	194	11
11/01/24 11:50	13.278	10.335	23.613	0.719			4.2	197	09
11/01/24 11:55	11.602	7.171	18.773	0.625			4.1	195	11
11/01/24 12:00	15.844	9.892	25.736	0.597			4.3	197	12
11/01/24 12:05	50.813	12.219	63.032	0.874			4.8	198	10
11/01/24 12:10	38.806	9.881	48.687	1.050			4.3	200	11
11/01/24 12:15	73.993	15.252	89.246	1.201			4.5	201	11
11/01/24 12:20	42.445	19.891	62.336	1.419			4.5	199	11
11/01/24 12:25	40.660	20.944	61.604	1.551			5.0	203	11
11/01/24 12:30	55.060	11.383	66.443	1.623			4.7	198	12
11/01/24 12:35	29.413	15.713	45.126	1.585			4.4	200	12
11/01/24 12:40	44.251	15.879	60.129	1.528			5.2	206	09
11/01/24 12:45	56.771	6.190	62.961	1.639			5.4	205	11
11/01/24 12:50	42.421	19.557	61.978	1.875			5.8	208	08
11/01/24 12:55	58.592	14.082	72.674	1.887			5.1	200	12
11/01/24 13:00	79.289	21.348	100.637	2.268			4.7	199	11
11/01/24 13:05	61.299	26.962	88.261	2.560			4.9	199	11
11/01/24 13:10	45.183	19.027	64.210	2.567			5.8	205	09
11/01/24 13:15	62.824	22.615	85.439	2.370			6.0	206	08
11/01/24 13:20	62.215	24.653	86.868	2.453			5.3	206	09
11/01/24 13:25	96.971	31.362	128.332	2.743			4.9	201	10
11/01/24 13:30	90.739	29.859	120.597	3.491			5.2	200	11
11/01/24 13:35	113.205	11.171	124.376	3.973			4.8	202	11
11/01/24 13:40	54.570	18.376	72.946	3.921			5.5	203	11
11/01/24 13:45	85.094	20.875	105.969	3.471			5.2	199	10
11/01/24 13:50	120.898	19.813	140.711	3.617			5.1	199	11
11/01/24 13:55	93.064	25.744	118.807	4.238			5.1	196	12
11/01/24 14:00	156.183	16.602	172.785	4.934			5.3	199	10
11/01/24 14:05	80.100	22.090	102.190	5.367			5.4	203	11
11/01/24 14:10	77.292	30.494	107.786	4.506			5.5	205	12
11/01/24 14:15	126.328	3.955	130.282	4.857			5.9	202	10
11/01/24 14:20	118.044	39.121	157.165	4.839			6.4	206	08
11/01/24 14:25	96.384	12.212	108.595	4.475			6.4	206	09
11/01/24 14:30	61.891	4.782	66.674	4.298			7.6	207	07
11/01/24 14:35	45.901	12.971	58.872	3.604			7.2	207	08
11/01/24 14:40	70.012	22.973	92.985	3.268			7.3	209	06
11/01/24 14:45	99.251	6.586	105.837	3.340			6.7	208	09
11/01/24 14:50	41.352	11.876	53.228	3.472			8.1	209	08
11/01/24 14:55	111.625	25.595	137.220	3.479			5.9	201	10
11/01/24 15:00	227.076	25.394	252.470	4.639			5.5	198	11
11/01/24 15:05	183.662	46.945	230.608	7.378			5.9	200	13
11/01/24 15:10	183.031	17.351	200.381	11.667			5.3	199	10
11/01/24 15:15	343.495	39.121	382.617	13.847			6.5	192	10
11/01/24 15:20	392.136	23.439	415.575	14.282			6.7	192	08
11/01/24 15:25	392.413	45.567	437.980	11.148			6.5	189	07
11/01/24 15:30				8.389			8.3	196	06
11/01/24 15:35	92.095	17.280	109.375	5.504			8.6	197	06
11/01/24 15:40	21.253	9.483	30.737	4.161			8.6	200	05
11/01/24 15:45	1.460	1.784	3.244	3.383			8.4	200	05
11/01/24 15:50	1.373	1.819	3.192	2.905			8.7	200	04
11/01/24 15:55	1.259	1.742	3.001	2.446			8.8	201	04
11/01/24 16:00	1.173	1.668	2.841	2.149			7.9	200	05
11/01/24 16:05	1.005	1.669	2.674	1.985			8.0	200	06
11/01/24 16:10	0.915	1.621	2.536	1.794			7.6	198	07

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
11/01/24 16:15	0.857	1.533	2.390	1.684			7.3	196	09
11/01/24 16:20	0.871	1.444	2.315	1.515			7.7	196	06
11/01/24 16:25	0.800	1.220	2.020	1.343			6.4	197	08
11/01/24 16:30	0.797	1.094	1.892	1.261			6.5	196	08
11/01/24 16:35	0.710	0.982	1.692	1.357			5.7	195	09
11/01/24 16:40	0.539	0.896	1.435	1.313			6.4	194	10
11/01/24 16:45	0.547	0.877	1.423	1.319			6.6	197	06
11/01/24 16:50	0.418	0.833	1.251	1.395			5.8	195	08
11/01/24 16:55	0.351	0.842	1.194	1.161			6.9	194	07
11/01/24 17:00	0.342	0.777	1.119	1.115			6.2	198	09
11/01/24 17:05	0.273	0.804	1.077	1.058			6.3	196	07
11/01/24 17:10	0.290	0.901	1.191	1.051			6.5	196	08
11/01/24 17:15	0.309	0.958	1.267	0.982			6.7	199	08
11/01/24 17:20	0.804	1.495	2.299	0.823			6.6	196	07
11/01/24 17:25	1.086	1.695	2.781	0.964			7.1	196	08
11/01/24 17:30	1.132	1.364	2.495	1.036			6.7	196	07
11/01/24 17:35	1.813	2.072	3.885	1.089			6.6	197	07
11/01/24 17:40	1.512	0.640	2.152	1.058			6.8	198	07
11/01/24 17:45	1.181	0.453	1.634	0.952			7.8	200	04
11/01/24 17:50	1.146	0.895	2.041	1.019			7.9	201	05
11/01/24 17:55	0.931	0.970	1.900	0.863			7.4	200	05
11/01/24 18:00	0.783	0.758	1.541	0.783			6.9	198	07
11/01/24 18:05	0.665	0.766	1.430	0.799			6.3	199	07
11/01/24 18:10	0.581	0.844	1.425	0.791			6.2	196	08
11/01/24 18:15	0.476	0.907	1.383	0.896			3.6	178	20
11/01/24 18:20	0.356	0.824	1.180	0.973			3.7	178	17
11/01/24 18:25	0.309	0.880	1.189	0.912			3.5	176	17
11/01/24 18:30	0.307	0.919	1.227	0.771			3.4	178	19
11/01/24 18:35	0.272	0.902	1.173	0.789			3.5	181	15
11/01/24 18:40	0.112	0.917	1.030	0.933			3.3	180	21
11/01/24 18:45	-0.007	0.905	0.898	0.883			3.5	181	16
11/01/24 18:50	-0.116	0.928	0.812	0.929			3.9	182	16
11/01/24 18:55	-0.164	0.919	0.754	0.870			4.2	182	12
11/01/24 19:00	-0.147	0.826	0.678	0.813			4.9	187	12
11/01/24 19:05	-0.190	0.792	0.602	0.738			4.5	186	12
11/01/24 19:10	-0.138	0.828	0.690	0.596			4.2	189	13
11/01/24 19:15	-0.056	0.831	0.775	0.528			4.6	188	11
11/01/24 19:20	-0.001	0.815	0.814	0.552			4.3	187	11
11/01/24 19:25	-0.001	0.782	0.781	0.519			3.7	187	14
11/01/24 19:30	0.051	0.741	0.792	0.438			3.4	179	17
11/01/24 19:35	-0.016	0.790	0.775	0.335			3.1	175	20
11/01/24 19:40	-0.103	0.920	0.817	0.309			2.2	164	28
11/01/24 19:45	-0.090	0.993	0.903	0.437			2.5	154	26
11/01/24 19:50	-0.036	1.106	1.070	0.423			2.7	155	23
11/01/24 19:55	-0.056	1.261	1.205	0.620			2.4	162	26
11/01/24 20:00	0.009	1.389	1.397	0.552			2.4	162	29
11/01/24 20:05	-0.020	1.441	1.421	0.254			2.7	159	25
11/01/24 20:10	0.043	1.489	1.532	0.232			3.2	148	18
11/01/24 20:15	-0.039	1.523	1.484	0.387			3.0	154	22
11/01/24 20:20	-0.088	1.493	1.406	0.490			3.1	143	17
11/01/24 20:25	0.006	1.419	1.425	0.534			3.4	143	19
11/01/24 20:30	0.051	1.438	1.489	0.536			3.4	142	17
11/01/24 20:35	0.055	1.454	1.508	0.520			3.5	141	13
11/01/24 20:40	0.125	1.543	1.668	0.479			3.0	135	17
11/01/24 20:45	0.182	1.599	1.781	0.556			3.8	143	16
11/01/24 20:50	0.082	1.664	1.745	0.531			3.5	138	14
11/01/24 20:55	-0.026	1.700	1.674	0.425			2.3	132	22
11/01/24 21:00	-0.052	1.734	1.682	0.376			1.7	166	32
11/01/24 21:05	0.041	1.659	1.700	0.403			2.9	151	22
11/01/24 21:10	0.190	1.659	1.849	0.387			2.2	151	24
11/01/24 21:15	0.192	1.660	1.852	0.271			2.2	152	24
11/01/24 21:20	0.086	1.515	1.601	0.366			2.5	152	25
11/01/24 21:25	0.033	1.383	1.416	0.244			2.3	167	28
11/01/24 21:30	-0.028	1.338	1.310	0.262			2.4	154	30
11/01/24 21:35	-0.115	1.203	1.089	0.312			2.3	147	26
11/01/24 21:40	-0.130	1.171	1.041	0.463			2.8	147	26
11/01/24 21:45	-0.094	1.129	1.035	0.339			3.6	141	11
11/01/24 21:50	-0.151	1.144	0.993	0.556			2.9	132	15
11/01/24 21:55	-0.107	1.119	1.012	0.541			3.0	136	16
11/01/24 22:00	-0.065	1.072	1.007	0.417			2.8	141	17
11/01/24 22:05	-0.034	1.068	1.035	0.349			2.4	148	24
11/01/24 22:10	0.019	1.109	1.128	0.397			1.9	163	27
11/01/24 22:15	0.015	1.046	1.061	0.266			1.6	165	27
11/01/24 22:20	-0.079	0.991	0.911	0.386			1.6	157	28
11/01/24 22:25	-0.152	0.972	0.820	0.464			1.6	152	29
11/01/24 22:30	-0.222	1.032	0.810	0.422			2.1	149	20
11/01/24 22:35	-0.227	1.006	0.779	0.385			1.6	155	28
11/01/24 22:40	-0.130	0.943	0.813	0.353			2.2	144	21
11/01/24 22:45	-0.039	0.984	0.944	0.356			2.0	147	23
11/01/24 22:50	-0.128	1.007	0.879	0.464			1.5	153	26
11/01/24 22:55	-0.069	0.996	0.927	0.370			1.5	169	20
11/01/24 23:00	-0.026	1.005	0.979	0.346			1.3	182	21
11/01/24 23:05	-0.104	1.049	0.945	0.260			1.6	181	21
11/01/24 23:10	-0.234	1.069	0.835	0.303			1.8	182	24
11/01/24 23:15	-0.257	1.107	0.850	0.425			1.6	188	18
11/01/24 23:20	-0.200	1.099	0.899	0.410			1.7	180	17
11/01/24 23:25	-0.117	1.118	1.001	0.373			1.8	188	17
11/01/24 23:30	0.029	1.077	1.106	0.337			2.2	193	14
11/01/24 23:35	0.053	1.056	1.109	0.349			1.8	187	15
11/01/24 23:40	-0.026	1.130	1.104	0.374			2.5	200	08
11/01/24 23:45	0.068	1.200	1.268	0.302			2.7	201	09
11/01/24 23:50	0.032	1.265	1.297				2.7	197	09
11/01/24 23:55	0.039	1.281	1.320				3.6	206	06
12/01/24 00:00	0.098	1.247	1.346	0.264			2.9	197	09
12/01/24 00:05	0.178	1.210	1.388	0.186			2.6	198	11
12/01/24 00:10	0.196	1.326	1.522	0.252			2.2	194	12
12/01/24 00:15	0.181	1.438	1.619	0.241			2.7	199	09
12/01/24 00:20	0.175	1.390	1.564	0.243			3.2	203	08
12/01/24 00:25	0.196	1.418	1.614	0.175			2.6	202	08
12/01/24 00:30	0.150	1.388	1.538	0.082			2.5	188	11
12/01/24 00:35	0.086	1.376	1.462	0.090			2.2	193	11
12/01/24 00:40	0.118	1.445	1.562	0.145			2.3	196	10
12/01/24 00:45	0.120	1.401	1.521	0.227			2.2	195	12
12/01/24 00:50	0.176	1.412	1.588	0.264			2.6	200	09
12/01/24 00:55	0.252	1.933	2.185	0.224			3.3	201	07
12/01/24 01:00	0.182	2.227	2.408	0.232			2.8	200	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/01/24 01:05							2.8	201	07
12/01/24 01:10							1.6	184	23
12/01/24 01:15							1.7	150	24
12/01/24 01:20							2.4	142	15
12/01/24 01:25							2.5	142	15
12/01/24 01:30							1.9	135	19
12/01/24 01:35							1.3	131	21
12/01/24 01:40							1.6	136	15
12/01/24 01:45							1.6	138	16
12/01/24 01:50							1.0	170	26
12/01/24 01:55							1.2	157	26
12/01/24 02:00							1.4	137	18
12/01/24 02:05	0.089	2.860	2.949	0.265			1.1	119	20
12/01/24 02:10	0.119	2.976	3.095	0.168			0.9	126	22
12/01/24 02:15	0.159	2.970	3.128	0.102			1.1	128	18
12/01/24 02:20	0.012	3.041	3.052	0.108			1.3	146	18
12/01/24 02:25	-0.051	3.069	3.019	0.188			1.0	167	24
12/01/24 02:30	0.000	3.114	3.114	0.311			0.9	162	25
12/01/24 02:35	0.075	3.148	3.223	0.367			0.8	160	29
12/01/24 02:40	0.133	3.193	3.326	0.348			0.7	157	27
12/01/24 02:45	0.100	3.231	3.331	0.387			1.2	194	17
12/01/24 02:50	6.315	3.981	10.296	0.463			1.9	217	18
12/01/24 02:55	2.450	1.865	4.315	0.514			1.6	198	12
12/01/24 03:00	0.032	3.683	3.716	0.403			1.0	160	24
12/01/24 03:05	-0.100	3.727	3.626	0.294			1.4	125	21
12/01/24 03:10	-0.026	3.613	3.587	0.220			0.9	128	28
12/01/24 03:15	0.003	3.465	3.468	0.273			1.2	149	30
12/01/24 03:20	0.084	3.353	3.438	0.257			1.3	159	22
12/01/24 03:25	0.104	3.233	3.337	0.144			1.4	180	16
12/01/24 03:30	0.025	3.108	3.134	0.234			0.7	168	34
12/01/24 03:35	-0.010	3.044	3.034	0.458			0.5	131	30
12/01/24 03:40	-0.047	3.040	2.993	0.512			0.9	83	22
12/01/24 03:45	0.216	3.444	3.660	0.447			0.8	11	54
12/01/24 03:50	1.016	6.552	7.568	0.403			1.7	286	15
12/01/24 03:55	1.353	10.439	11.791	0.322			1.4	288	14
12/01/24 04:00	1.603	11.235	12.839	0.455			2.0	270	10
12/01/24 04:05	3.365	15.795	19.160	0.552			1.7	263	09
12/01/24 04:10	10.980	16.717	27.697	0.644			2.0	261	06
12/01/24 04:15	13.674	13.114	26.788	0.720			1.9	251	09
12/01/24 04:20	11.987	13.456	25.443	0.685			2.4	256	07
12/01/24 04:25	11.647	13.331	24.978	0.781			2.6	262	07
12/01/24 04:30	14.897	14.768	29.666	0.876			2.9	267	05
12/01/24 04:35	7.286	10.283	17.570	1.005			2.0	278	13
12/01/24 04:40	4.545	9.644	14.189	0.958			1.7	347	28
12/01/24 04:45	3.501	9.912	13.412	0.964			1.5	5	22
12/01/24 04:50	6.093	11.047	17.139	0.922			1.8	307	18
12/01/24 04:55	12.648	12.677	25.325	1.022			1.8	306	15
12/01/24 05:00	16.818	12.509	29.327	1.059			2.0	281	14
12/01/24 05:05	10.856	12.384	23.240	0.978			1.6	308	20
12/01/24 05:10	11.288	12.156	23.445	0.984			1.3	299	18
12/01/24 05:15	10.153	12.428	22.580	1.028			1.5	285	21
12/01/24 05:20	8.395	12.648	21.042	0.954			1.7	290	17
12/01/24 05:25	5.875	13.448	19.323	0.812			1.6	280	19
12/01/24 05:30	6.708	12.662	19.370	0.803			1.2	313	33
12/01/24 05:35	6.890	12.587	19.477	0.833			1.0	329	32
12/01/24 05:40	7.082	12.470	19.552	0.851			1.3	336	27
12/01/24 05:45	7.184	12.372	19.556	0.760			1.2	297	19
12/01/24 05:50	7.181	12.240	19.420	0.812			1.0	328	23
12/01/24 05:55	8.111	12.265	20.376	0.857			0.9	315	27
12/01/24 06:00	9.530	13.098	22.628	1.012			1.0	312	25
12/01/24 06:05	13.191	17.577	30.768	0.992			1.2	292	21
12/01/24 06:10	22.377	13.498	35.874	0.974			0.8	310	30
12/01/24 06:15	21.845	13.346	35.191	0.935			0.8	301	27
12/01/24 06:20	21.366	13.321	34.687	0.875			0.9	347	33
12/01/24 06:25	20.566	13.029	33.595	0.987			1.2	308	16
12/01/24 06:30	19.539	12.696	32.236	1.008			1.3	308	11
12/01/24 06:35	19.204	12.495	31.700	1.041			0.7	289	26
12/01/24 06:40	18.593	12.041	30.634	1.058			0.8	327	47
12/01/24 06:45	18.884	11.742	30.626	1.001			1.1	40	24
12/01/24 06:50	19.019	11.613	30.632	0.997			0.7	350	46
12/01/24 06:55	18.709	11.567	30.276	1.082			1.0	295	15
12/01/24 07:00	18.391	11.352	29.743	1.255			0.8	336	40
12/01/24 07:05	17.039	10.164	27.203	1.194			0.8	360	34
12/01/24 07:10	15.864	8.555	24.419	1.107			1.5	10	30
12/01/24 07:15	13.835	7.305	21.140	1.166			1.7	318	23
12/01/24 07:20	9.873	8.062	17.935	1.104			1.7	305	16
12/01/24 07:25	8.586	8.016	16.602	1.076			1.5	308	21
12/01/24 07:30	8.758	8.028	16.786	1.047			1.5	295	22
12/01/24 07:35	9.274	8.175	17.448	1.051			1.1	344	35
12/01/24 07:40	10.723	8.259	18.982	1.132			2.0	34	19
12/01/24 07:45	13.821	7.619	21.440	1.033			2.0	39	18
12/01/24 07:50	17.362	15.957	33.319	1.099			1.6	25	26
12/01/24 07:55	24.100	14.500	38.600	0.976			1.9	31	18
12/01/24 08:00	16.057	11.277	27.334	0.961			1.7	28	17
12/01/24 08:05	11.373	7.998	19.371	1.044			1.0	349	44
12/01/24 08:10	10.986	8.268	19.254	1.081			1.1	336	40
12/01/24 08:15	12.861	9.009	21.870	1.098			1.1	16	39
12/01/24 08:20	12.539	8.178	20.717	1.018			1.3	307	32
12/01/24 08:25	11.895	8.730	20.625	0.948			1.6	291	18
12/01/24 08:30	12.140	9.108	21.248	0.986			1.3	307	26
12/01/24 08:35	12.360	9.591	21.950	0.896			0.7	342	53
12/01/24 08:40	14.134	11.282	25.416	0.854			1.6	41	18
12/01/24 08:45	15.694	12.344	28.038	0.946			0.8	55	35
12/01/24 08:50	15.235	12.209	27.444	0.897			0.6	222	55
12/01/24 08:55	13.414	12.095	25.509	0.908			1.4	221	06
12/01/24 09:00	13.280	11.783	25.063	0.858			0.9	204	16
12/01/24 09:05	13.415	11.710	25.125	0.814			1.1	79	36
12/01/24 09:10	28.145	15.301	43.446	1.022			1.3	128	21
12/01/24 09:15	17.769	11.217	28.986	1.031			1.0	139	23
12/01/24 09:20	20.841	13.440	34.281	1.004			1.2	163	24
12/01/24 09:25	25.167	12.853	38.020	0.936			1.6	187	20
12/01/24 09:30	20.151	13.538	33.689	0.915			1.6	181	19
12/01/24 09:35	19.743	15.341	35.084	0.716			1.5	135	26
12/01/24 09:40	17.880	15.535	33.416	0.654			1.2	119	22
12/01/24 09:45	22.348	15.462	37.809	0.707			1.3	141	21
12/01/24 09:50	14.176	13.225	27.401	0.817			1.5	168	33

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/01/24 09:55	17.910	16.432	34.342	0.791			1.6	163	26
12/01/24 10:00	13.429	10.444	23.873	0.740			1.8	178	21
12/01/24 10:05	17.558	14.720	32.278	0.648			2.4	206	10
12/01/24 10:10	17.303	13.137	30.440	0.597			3.3	202	08
12/01/24 10:15	13.002	11.419	24.421	0.572			2.1	182	24
12/01/24 10:20	11.656	11.708	23.364	0.658			1.8	193	20
12/01/24 10:25	10.536	11.737	22.273	0.676			1.7	173	23
12/01/24 10:30	10.317	10.661	20.978	0.628			1.9	179	23
12/01/24 10:35	10.196	11.293	21.489	0.649			1.9	172	21
12/01/24 10:40	10.351	11.464	21.815	0.678			1.3	162	31
12/01/24 10:45	9.886	10.622	20.508	0.749			1.5	159	29
12/01/24 10:50	11.268	12.047	23.314	0.744			1.8	154	28
12/01/24 10:55	7.383	9.862	17.246	0.656			2.5	132	14
12/01/24 11:00	8.547	9.862	18.409	0.598			1.3	156	33
12/01/24 11:05	11.671	11.755	23.426	0.562			1.7	179	31
12/01/24 11:10	10.698	10.005	20.702	0.626			2.1	187	24
12/01/24 11:15	10.015	10.767	20.782	0.625			2.8	178	21
12/01/24 11:20	9.830	10.918	20.749	0.602			3.1	179	17
12/01/24 11:25	9.648	10.983	20.632	0.526			2.5	181	23
12/01/24 11:30	9.613	10.863	20.476	0.497			1.9	149	23
12/01/24 11:35	8.290	10.758	19.048	0.367			1.2	162	31
12/01/24 11:40	8.461	10.907	19.368	0.291			1.5	158	28
12/01/24 11:45	9.028	11.402	20.430	0.300			1.7	196	33
12/01/24 11:50	7.816	11.198	19.015	0.228			2.0	191	17
12/01/24 11:55	8.041	11.803	19.844	0.358			1.5	202	15
12/01/24 12:00	8.543	12.334	20.877	0.460			3.0	208	14
12/01/24 12:05	8.216	10.482	18.698	0.550			5.2	208	08
12/01/24 12:10	7.953	10.568	18.521	0.603			4.0	193	11
12/01/24 12:15	7.619	10.406	18.026	0.543			3.6	192	11
12/01/24 12:20	7.058	10.079	17.137	0.476			2.8	175	16
12/01/24 12:25	6.624	9.976	16.601	0.452			2.9	180	18
12/01/24 12:30	6.794	10.629	17.423	0.405			3.1	183	15
12/01/24 12:35	6.488	10.971	17.459	0.445			3.3	178	16
12/01/24 12:40	6.723	11.989	18.712	0.467			3.2	188	11
12/01/24 12:45	5.010	10.370	15.380	0.423			3.1	191	12
12/01/24 12:50	7.168	16.087	23.255	0.268			2.8	177	19
12/01/24 12:55	10.115	19.231	29.346	0.339			2.5	187	21
12/01/24 13:00	8.405	15.166	23.571	0.310			3.9	194	10
12/01/24 13:05	6.958	13.624	20.582	0.340			2.6	188	19
12/01/24 13:10	6.863	13.175	20.038	0.440			2.6	190	24
12/01/24 13:15	6.202	9.425	15.627	0.436			2.7	202	15
12/01/24 13:20	5.404	8.424	13.828	0.500			3.3	200	12
12/01/24 13:25	5.364	10.079	15.443	0.543			2.9	192	18
12/01/24 13:30	6.596	14.250	20.846	0.534			2.6	175	15
12/01/24 13:35	5.755	10.028	15.782	0.496			2.4	186	14
12/01/24 13:40	4.401	11.592	15.993	0.392			2.5	174	16
12/01/24 13:45	5.605	17.880	23.485	0.401			2.7	189	14
12/01/24 13:50	4.712	8.197	12.908	0.273			3.4	196	12
12/01/24 13:55	2.610	8.939	11.549	0.223			2.8	196	14
12/01/24 14:00	2.573	9.452	12.025	0.377			2.3	169	18
12/01/24 14:05	2.679	9.917	12.597	0.490			2.3	163	22
12/01/24 14:10	2.579	8.138	10.718	0.507			2.4	184	19
12/01/24 14:15	2.512	6.407	8.919	0.546			1.8	165	25
12/01/24 14:20	2.057	3.873	5.930	0.506			1.4	154	28
12/01/24 14:25	1.674	3.525	5.199	0.394			2.0	157	19
12/01/24 14:30	2.037	6.177	8.215	0.389			1.6	160	24
12/01/24 14:35	0.869	4.728	5.597	0.231			1.9	152	26
12/01/24 14:40	1.719	7.484	9.203	0.210			2.2	140	16
12/01/24 14:45	2.866	4.932	7.798	0.244			1.6	130	17
12/01/24 14:50	0.547	5.523	6.070	0.251			2.3	139	12
12/01/24 14:55	0.355	4.686	5.042	0.332			2.3	138	11
12/01/24 15:00	0.804	4.627	5.431	0.205			2.0	139	15
12/01/24 15:05	0.784	4.663	5.447	0.117			2.7	137	12
12/01/24 15:10	0.784	4.654	5.437	0.187			2.1	136	15
12/01/24 15:15	0.729	4.576	5.304	0.206			1.5	160	26
12/01/24 15:20	0.699	4.095	4.793	0.223			1.8	166	26
12/01/24 15:25	0.675	4.960	5.635	0.125			1.7	165	20
12/01/24 15:30	0.659	4.323	4.981	0.237			1.8	169	21
12/01/24 15:35	0.577	3.786	4.363	0.210			1.8	173	18
12/01/24 15:40	0.436	3.337	3.772	0.175			1.8	168	20
12/01/24 15:45	0.703	3.362	4.065	0.180			1.9	174	19
12/01/24 15:50	0.497	2.829	3.326	0.116			1.7	181	22
12/01/24 15:55	0.409	2.952	3.361	0.128			1.7	166	25
12/01/24 16:00	2.263	2.530	4.793	0.137			1.9	149	21
12/01/24 16:05	0.766	2.965	3.730	0.134			1.9	128	17
12/01/24 16:10	0.618	4.162	4.780	0.081			1.8	129	19
12/01/24 16:15	0.741	4.843	5.584	0.098			2.7	138	12
12/01/24 16:20	0.690	4.130	4.820	0.274			2.5	142	14
12/01/24 16:25	0.636	3.529	4.165	0.334			2.1	147	24
12/01/24 16:30	0.612	3.341	3.953	0.304			1.9	147	21
12/01/24 16:35	0.664	4.003	4.667	0.293			1.8	149	25
12/01/24 16:40	0.419	3.596	4.015	0.177			1.4	169	31
12/01/24 16:45	0.403	3.267	3.670	0.024			2.1	171	20
12/01/24 16:50	0.436	3.109	3.545	0.068			2.1	175	21
12/01/24 16:55	0.370	3.031	3.401	0.187			1.6	159	32
12/01/24 17:00	0.242	2.804	3.046	0.252			2.0	153	25
12/01/24 17:05	0.222	2.602	2.825	0.194			1.2	166	33
12/01/24 17:10	0.257	2.552	2.809	0.119			3.1	185	16
12/01/24 17:15	10.068	25.812	35.880	0.095			3.3	185	13
12/01/24 17:20	25.924	37.054	62.978	0.255			2.9	185	15
12/01/24 17:25	4.881	19.214	24.095	0.374			2.6	187	14
12/01/24 17:30	10.157	29.531	39.688	0.432			3.6	196	10
12/01/24 17:35	2.553	7.667	10.221	0.410			2.9	189	15
12/01/24 17:40	2.626	10.914	13.540	0.515			3.9	197	13
12/01/24 17:45	0.979	1.502	2.482	0.576			4.1	202	10
12/01/24 17:50	0.568	1.635	2.203	0.540			5.7	201	06
12/01/24 17:55	0.330	1.790	2.120	0.488			5.0	198	07
12/01/24 18:00	0.417	1.807	2.224	0.439			5.9	199	05
12/01/24 18:05	0.362	1.842	2.204	0.334			5.0	197	10
12/01/24 18:10	0.251	1.996	2.248	0.274			5.0	198	08
12/01/24 18:15	0.185	2.098	2.283	0.191			6.0	200	08
12/01/24 18:20	0.239	2.023	2.263	0.165			5.1	194	07
12/01/24 18:25	0.147	2.348	2.495	0.261			5.0	196	08
12/01/24 18:30	0.215	2.898	3.113	0.321			4.9	196	08
12/01/24 18:35	0.279	3.461	3.739	0.275			4.3	190	11
12/01/24 18:40	0.348	4.137	4.486	0.292			4.6	190	11

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/01/24 18:45	0.475	5.175	5.650	0.318			4.1	186	15
12/01/24 18:50	0.508	6.927	7.435	0.309			3.9	189	13
12/01/24 18:55	0.524	8.071	8.595	0.349			4.6	192	11
12/01/24 19:00	0.638	7.269	7.907	0.375			4.1	190	11
12/01/24 19:05	0.533	4.839	5.372	0.253			3.9	190	10
12/01/24 19:10	0.474	2.665	3.139	0.228			3.7	189	12
12/01/24 19:15	0.441	1.849	2.290	0.263			4.2	190	11
12/01/24 19:20	0.365	1.810	2.176	0.299			3.8	190	10
12/01/24 19:25	0.366	1.836	2.201	0.326			3.9	199	07
12/01/24 19:30	0.387	2.045	2.431	0.279			5.2	208	04
12/01/24 19:35	0.228	2.264	2.492	0.203			4.4	209	04
12/01/24 19:40	0.103	2.406	2.509	0.113			3.8	207	04
12/01/24 19:45	0.067	2.700	2.768	0.050			3.2	210	03
12/01/24 19:50	0.063	2.817	2.880	-0.069			3.9	212	04
12/01/24 19:55	0.023	2.709	2.732	-0.176			3.9	217	04
12/01/24 20:00	0.064	2.616	2.680	-0.067			4.3	218	04
12/01/24 20:05	0.092	2.678	2.769	-0.027			4.6	225	04
12/01/24 20:10	0.123	2.786	2.909	-0.034			4.3	228	03
12/01/24 20:15	1.671	7.345	9.015	0.065			4.6	230	03
12/01/24 20:20	0.907	3.486	4.393	0.069			4.7	229	03
12/01/24 20:25	0.440	3.216	3.656	0.100			4.4	232	04
12/01/24 20:30	0.485	4.001	4.486	0.056			4.0	234	05
12/01/24 20:35	18.060	22.153	40.213	0.149			4.1	233	04
12/01/24 20:40	6.507	13.750	20.258	0.241			4.4	230	04
12/01/24 20:45	0.009	3.168	3.177	0.147			4.3	229	04
12/01/24 20:50	-0.165	3.414	3.249	0.130			3.8	230	06
12/01/24 20:55	-0.173	2.899	2.726	0.126			4.2	228	05
12/01/24 21:00	-0.085	2.482	2.397	0.040			4.0	229	04
12/01/24 21:05	-0.045	2.275	2.231	0.015			3.4	225	05
12/01/24 21:10	-0.114	2.208	2.094	0.150			3.2	221	05
12/01/24 21:15	-0.108	2.139	2.031	0.159			2.5	215	06
12/01/24 21:20	-0.049	1.923	1.873	0.268			1.9	218	07
12/01/24 21:25	0.003	1.666	1.669	0.252			1.8	215	08
12/01/24 21:30	0.018	1.594	1.613	0.347			2.6	222	06
12/01/24 21:35	0.076	1.501	1.577	0.245			3.3	226	06
12/01/24 21:40	0.109	1.439	1.547	0.271			3.1	218	07
12/01/24 21:45	0.211	1.419	1.630	0.325			2.6	226	06
12/01/24 21:50	0.077	1.390	1.468	0.283			2.1	233	06
12/01/24 21:55	0.069	1.325	1.393	0.349			2.2	228	04
12/01/24 22:00	-0.068	1.391	1.323	0.260			2.7	231	05
12/01/24 22:05	-0.118	1.581	1.464	0.292			2.2	236	08
12/01/24 22:10	-0.089	1.872	1.784	0.314			1.9	247	12
12/01/24 22:15	-0.085	2.970	2.885	0.331			3.6	235	04
12/01/24 22:20	-0.090	3.133	3.043	0.286			4.5	233	06
12/01/24 22:25	-0.052	2.880	2.829	0.333			4.9	235	05
12/01/24 22:30	-0.035	2.499	2.464	0.298			4.9	235	05
12/01/24 22:35	-0.043	2.335	2.292	0.197			4.1	235	08
12/01/24 22:40	0.003	3.034	3.037	0.242			3.6	243	09
12/01/24 22:45	0.046	3.641	3.687	0.081			3.1	246	11
12/01/24 22:50	0.116	4.345	4.462	0.031			3.1	239	08
12/01/24 22:55	0.190	4.837	5.027	0.161			2.9	243	08
12/01/24 23:00	0.131	4.724	4.855	0.162			4.3	230	05
12/01/24 23:05	0.091	4.318	4.409	0.171			5.1	231	04
12/01/24 23:10	0.036	3.885	3.921	0.378			5.7	232	04
12/01/24 23:15	0.041	3.581	3.622	0.322			6.1	234	03
12/01/24 23:20	0.051	3.388	3.439	0.222			5.5	234	04
12/01/24 23:25	-0.009	3.406	3.397	0.152			5.3	233	04
12/01/24 23:30	7.908	27.669	35.577	0.236			5.1	231	04
12/01/24 23:35	13.486	26.186	39.672	0.364			4.2	232	05
12/01/24 23:40	10.817	18.506	29.323	0.405			4.0	234	06
12/01/24 23:45	10.503	24.357	34.860	0.277			3.4	244	08
12/01/24 23:50	5.971	22.806	28.776				2.6	248	12
12/01/24 23:55	4.784	21.368	26.152				1.7	248	14
13/01/24 00:00	3.943	21.217	25.161				1.2	296	21
13/01/24 00:05	1.854	17.424	19.278				1.1	309	14
13/01/24 00:10	0.974	19.832	20.806				0.6	299	18
13/01/24 00:15	0.821	19.334	20.156				0.7	284	18
13/01/24 00:20	0.698	19.117	19.815				0.8	259	24
13/01/24 00:25	0.613	20.303	20.916				1.1	242	14
13/01/24 00:30	1.228	21.994	23.223				1.1	231	12
13/01/24 00:35	1.179	8.359	9.538				2.0	234	09
13/01/24 00:40	1.003	2.778	3.781				2.6	232	06
13/01/24 00:45	0.909	13.798	14.707				2.9	234	06
13/01/24 00:50	0.782	4.000	4.782				2.4	238	10
13/01/24 00:55	0.586	2.535	3.121				2.2	235	09
13/01/24 01:00	0.539	3.043	3.582				1.9	233	13
13/01/24 01:05							2.2	234	21
13/01/24 01:10							2.0	236	16
13/01/24 01:15							2.2	253	12
13/01/24 01:20							2.3	252	14
13/01/24 01:25							2.3	236	12
13/01/24 01:30							2.3	241	10
13/01/24 01:35							2.3	242	13
13/01/24 01:40							2.9	242	08
13/01/24 01:45							2.5	243	11
13/01/24 01:50							2.7	237	11
13/01/24 01:55							2.9	233	13
13/01/24 02:00							3.5	233	12
13/01/24 02:05	0.285	6.573	6.857	0.428			3.4	228	09
13/01/24 02:10	0.318	6.034	6.351	0.368			3.9	223	06
13/01/24 02:15	0.418	5.791	6.209	0.388			4.0	220	08
13/01/24 02:20	0.491	3.795	4.286	0.531			4.0	215	05
13/01/24 02:25	0.402	1.206	1.608	0.610			4.8	215	06
13/01/24 02:30	0.203	0.923	1.126	0.683			5.1	217	05
13/01/24 02:35	0.079	0.770	0.849	0.627			5.0	218	04
13/01/24 02:40	0.138	0.768	0.906	0.576			4.9	221	05
13/01/24 02:45	0.073	0.806	0.879	0.548			5.6	213	06
13/01/24 02:50	0.061	0.833	0.894	0.514			5.1	212	04
13/01/24 02:55	0.065	1.051	1.117	0.529			5.4	213	05
13/01/24 03:00	0.133	1.063	1.196	0.476			5.5	208	05
13/01/24 03:05	0.135	1.139	1.274	0.465			5.4	207	07
13/01/24 03:10	0.095	1.248	1.344	0.375			5.7	211	05
13/01/24 03:15	0.068	1.483	1.551	0.247			6.5	204	04
13/01/24 03:20	-0.041	1.392	1.351	0.265			6.3	204	05
13/01/24 03:25	-0.037	1.444	1.408	0.284			7.1	206	05
13/01/24 03:30	-0.021	1.654	1.632	0.313			6.3	203	07

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/01/24 03:35	-0.066	1.994	1.928	0.211			6.6	197	06
13/01/24 03:40	0.007	2.428	2.435	0.077			6.8	200	06
13/01/24 03:45	0.028	2.758	2.786	0.026			7.4	200	05
13/01/24 03:50	0.009	2.891	2.900	0.024			7.1	200	05
13/01/24 03:55	0.067	2.788	2.855	0.060			6.5	198	07
13/01/24 04:00	0.062	2.491	2.552	0.104			6.2	194	08
13/01/24 04:05	0.107	2.167	2.273	0.077			6.2	194	08
13/01/24 04:10	0.075	2.025	2.101	0.138			6.8	194	06
13/01/24 04:15	0.051	1.792	1.843	0.145			5.5	194	07
13/01/24 04:20	0.109	1.527	1.636	0.328			5.2	193	10
13/01/24 04:25	0.884	5.847	6.731	0.144			4.7	190	11
13/01/24 04:30	0.489	2.297	2.786	0.116			4.7	193	10
13/01/24 04:35	0.373	1.175	1.548	0.126			5.1	194	08
13/01/24 04:40	0.322	1.179	1.501	0.042			5.2	196	09
13/01/24 04:45	0.244	1.082	1.326	0.038			5.8	198	07
13/01/24 04:50	0.144	1.137	1.281	-0.089			5.7	198	07
13/01/24 04:55	0.159	1.107	1.266	-0.039			5.7	195	08
13/01/24 05:00	0.210	0.953	1.163	0.125			4.8	191	11
13/01/24 05:05	0.136	0.943	1.079	-0.006			4.7	185	13
13/01/24 05:10	0.091	1.100	1.191	0.039			4.4	187	09
13/01/24 05:15	0.072	1.084	1.156	0.126			3.7	185	13
13/01/24 05:20	0.037	1.011	1.047	0.121			2.2	133	29
13/01/24 05:25	0.017	1.026	1.043	0.093			3.3	113	11
13/01/24 05:30	0.084	1.177	1.262	0.026			4.2	109	06
13/01/24 05:35	0.065	1.419	1.485	0.089			4.0	102	07
13/01/24 05:40	0.026	1.641	1.668	0.242			3.4	104	09
13/01/24 05:45	-0.002	1.734	1.732	0.264			3.7	103	06
13/01/24 05:50	0.019	1.817	1.836	0.216			2.5	102	08
13/01/24 05:55	0.044	2.097	2.141	0.319			2.2	94	08
13/01/24 06:00	0.165	2.272	2.438	0.238			2.3	98	12
13/01/24 06:05	0.365	2.356	2.721	0.273			1.8	91	14
13/01/24 06:10	0.350	2.375	2.725	0.070			2.1	105	08
13/01/24 06:15	0.273	2.301	2.573	-0.014			2.2	125	17
13/01/24 06:20	0.167	2.107	2.274	0.038			2.0	125	19
13/01/24 06:25	0.124	1.940	2.064	0.034			2.2	123	16
13/01/24 06:30	0.063	1.735	1.798	0.051			2.4	128	18
13/01/24 06:35	0.423	1.754	2.178	0.026			2.4	130	18
13/01/24 06:40	0.622	1.284	1.906	0.157			3.8	143	14
13/01/24 06:45	0.443	0.676	1.118	0.146			3.7	137	14
13/01/24 06:50	0.329	0.668	0.997	0.143			3.7	142	19
13/01/24 06:55	0.368	0.643	1.011	0.094			2.7	147	21
13/01/24 07:00	0.096	0.719	0.814	0.076			2.4	158	24
13/01/24 07:05	-0.017	0.739	0.722	0.175			2.4	156	27
13/01/24 07:10	0.017	0.703	0.720	0.077			2.5	155	24
13/01/24 07:15	0.049	0.631	0.680	0.034			2.8	162	22
13/01/24 07:20	0.288	0.692	0.980	0.049			2.2	165	25
13/01/24 07:25	0.365	0.931	1.296	0.171			3.0	146	23
13/01/24 07:30	0.130	0.738	0.868	0.151			3.3	132	13
13/01/24 07:35	0.017	0.739	0.756	0.090			3.6	139	12
13/01/24 07:40	0.159	0.662	0.820	0.044			3.3	137	11
13/01/24 07:45	0.205	0.631	0.837	0.075			3.1	144	17
13/01/24 07:50	0.118	0.655	0.773	0.022			2.0	163	27
13/01/24 07:55	0.046	0.726	0.771	0.022			2.1	160	27
13/01/24 08:00	0.320	0.838	1.158	0.060			2.7	157	23
13/01/24 08:05	0.710	1.260	1.969	0.097			2.5	171	25
13/01/24 08:10	0.564	1.149	1.714	0.043			2.8	173	20
13/01/24 08:15	0.372	1.156	1.528	0.035			2.7	171	19
13/01/24 08:20	0.429	1.278	1.707	0.018			3.4	167	19
13/01/24 08:25	0.273	0.728	1.001	0.046			2.6	172	22
13/01/24 08:30	0.306	0.850	1.156	-0.009			3.0	178	17
13/01/24 08:35	0.468	1.073	1.541	0.018			3.1	184	18
13/01/24 08:40	0.464	1.036	1.500	0.042			3.3	175	17
13/01/24 08:45	1.073	1.388	2.461	0.014			2.9	172	21
13/01/24 08:50	1.473	2.099	3.572	-0.017			2.2	168	25
13/01/24 08:55	1.981	2.152	4.133	-0.009			2.4	169	23
13/01/24 09:00	3.075	2.718	5.793	0.004			3.0	174	19
13/01/24 09:05	2.742	8.179	10.920	0.027			3.3	183	16
13/01/24 09:10	1.683	2.688	4.371	0.043			2.9	182	19
13/01/24 09:15	2.350	1.764	4.114	0.001			3.0	179	19
13/01/24 09:20	0.437	0.841	1.278	-0.079			3.3	186	14
13/01/24 09:25	0.598	0.923	1.521	-0.089			2.8	173	19
13/01/24 09:30	0.612	0.782	1.394	-0.114			3.0	175	21
13/01/24 09:35	0.700	1.093	1.793	-0.066			3.1	184	14
13/01/24 09:40	0.967	1.162	2.129	-0.081			3.1	176	19
13/01/24 09:45	0.595	0.710	1.305	-0.134			2.8	172	23
13/01/24 09:50	0.961	0.843	1.804	-0.136			3.2	186	12
13/01/24 09:55	0.977	0.948	1.926	-0.153			3.9	189	12
13/01/24 10:00	1.152	1.064	2.216	-0.140			3.2	187	17
13/01/24 10:05	1.384	1.588	2.972	-0.051			3.7	190	13
13/01/24 10:10	1.785	2.124	3.908	-0.050			3.3	188	13
13/01/24 10:15	2.366	4.196	6.561	-0.007			4.1	190	12
13/01/24 10:20	3.001	6.818	9.819	0.024			3.3	190	14
13/01/24 10:25	25.102	9.395	34.497	0.078			4.1	192	10
13/01/24 10:30	25.501	7.069	32.570	0.104			4.4	190	12
13/01/24 10:35	9.717	4.341	14.059	0.148			4.3	191	12
13/01/24 10:40	4.009	2.469	6.479	0.122			4.2	190	13
13/01/24 10:45	3.442	1.836	5.278	0.087			4.2	192	12
13/01/24 10:50	14.011	5.870	19.882	0.034			4.5	197	07
13/01/24 10:55	7.415	7.702	15.118	0.050			4.2	193	11
13/01/24 11:00	19.489	8.122	27.611	0.032			4.6	192	11
13/01/24 11:05	19.577	6.010	25.587	0.083			4.3	192	12
13/01/24 11:10	28.542	9.336	37.878	0.127			4.1	191	10
13/01/24 11:15	15.209	9.656	24.864	0.136			4.4	190	10
13/01/24 11:20	17.286	8.473	25.758	0.147			4.3	193	10
13/01/24 11:25	7.902	4.098	12.001	0.158			4.5	191	11
13/01/24 11:30	11.798	5.684	17.481	0.140			4.4	192	13
13/01/24 11:35	23.674	4.301	27.974	0.154			4.9	194	10
13/01/24 11:40	35.737	8.806	44.543	0.201			5.2	195	08
13/01/24 11:45	17.020	6.571	23.591	0.189			4.7	194	09
13/01/24 11:50	21.971	8.625	30.597	0.144			5.0	193	09
13/01/24 11:55	33.745	7.537	41.282	0.107			5.3	193	09
13/01/24 12:00	15.849	7.343	23.192	0.079			5.0	195	09
13/01/24 12:05	17.472	7.449	24.921	0.067			4.7	189	09
13/01/24 12:10	12.571	7.609	20.180	0.117			4.8	194	10
13/01/24 12:15	34.090	6.510	40.600	0.124			5.3	194	11
13/01/24 12:20	30.623	6.714	37.337	0.188			5.2	192	11

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/01/24 12:25	10.648	6.716	17.364	0.179			4.9	195	12
13/01/24 12:30	20.791	8.458	29.249	0.120			5.1	191	12
13/01/24 12:35	7.027	4.352	11.379	0.017			4.9	193	10
13/01/24 12:40	5.653	4.442	10.095	-0.006			4.5	191	14
13/01/24 12:45	9.430	3.123	12.554	-0.034			4.7	191	09
13/01/24 12:50	8.191	4.531	12.723	-0.018			4.8	192	12
13/01/24 12:55	10.507	3.662	14.169	-0.020			4.2	187	13
13/01/24 13:00	4.134	1.273	5.407	-0.019			3.8	187	12
13/01/24 13:05	1.263	0.622	1.885	-0.107			3.6	187	14
13/01/24 13:10	0.385	0.590	0.974	-0.065			4.1	186	15
13/01/24 13:15	0.243	0.502	0.745	-0.040			3.8	187	14
13/01/24 13:20	0.272	0.538	0.810	-0.001			3.9	186	14
13/01/24 13:25	0.204	0.515	0.719	0.022			3.4	186	15
13/01/24 13:30	0.407	0.544	0.952	-0.049			3.5	181	16
13/01/24 13:35	0.668	0.796	1.464	-0.078			3.6	188	13
13/01/24 13:40	0.599	0.965	1.564	-0.033			3.3	185	14
13/01/24 13:45	0.732	0.998	1.730	-0.075			3.6	188	14
13/01/24 13:50	1.256	0.988	2.243	-0.048			4.6	188	11
13/01/24 13:55	1.207	1.019	2.226	-0.019			4.4	189	11
13/01/24 14:00	1.232	0.934	2.166	-0.055			5.0	190	11
13/01/24 14:05	0.900	0.932	1.832	-0.042			4.7	188	12
13/01/24 14:10	0.751	0.972	1.724	-0.061			5.2	190	10
13/01/24 14:15	0.840	0.977	1.817	-0.166			5.2	187	10
13/01/24 14:20	0.691	0.891	1.582	-0.154			5.2	190	10
13/01/24 14:25	0.506	0.881	1.387	-0.149			5.6	190	10
13/01/24 14:30	0.403	0.839	1.242	-0.207			5.3	189	09
13/01/24 14:35	0.519	0.926	1.445	-0.248			4.6	188	14
13/01/24 14:40	0.689	1.021	1.711	-0.190			3.9	181	15
13/01/24 14:45	0.559	0.906	1.464	-0.109			3.6	179	15
13/01/24 14:50	0.833	1.247	2.080	-0.173			3.9	181	17
13/01/24 14:55	0.686	0.578	1.264	-0.178			4.1	182	14
13/01/24 15:00	0.466	0.633	1.099	-0.088			4.1	187	13
13/01/24 15:05	0.329	0.637	0.965	-0.092			3.7	185	14
13/01/24 15:10	0.308	0.620	0.928	-0.101			4.7	191	10
13/01/24 15:15	0.317	0.628	0.945	-0.154			4.9	189	10
13/01/24 15:20	0.238	0.596	0.834	-0.185			4.6	190	10
13/01/24 15:25	0.381	0.653	1.034	-0.236			4.8	188	09
13/01/24 15:30	0.284	0.790	1.073	-0.207			4.0	190	12
13/01/24 15:35	0.979	0.306	1.285	-0.221			5.1	190	11
13/01/24 15:40				-0.167			4.8	191	08
13/01/24 15:45	1.480	1.422	2.902	-0.113			5.2	188	10
13/01/24 15:50	2.513	1.634	4.147	-0.058			5.0	191	09
13/01/24 15:55	1.578	1.762	3.339	-0.022			4.7	182	15
13/01/24 16:00	0.285	0.995	1.280	-0.083			5.7	187	10
13/01/24 16:05	0.190	0.804	0.994	-0.110			5.5	192	11
13/01/24 16:10	0.506	4.591	5.097	-0.042			5.1	192	08
13/01/24 16:15	1.573	0.811	2.384	-0.086			4.3	190	12
13/01/24 16:20	2.520	3.364	5.884	-0.135			4.4	189	12
13/01/24 16:25	2.965	0.567	3.531	-0.062			4.5	190	13
13/01/24 16:30	3.601	1.297	4.898	-0.082			4.9	188	12
13/01/24 16:35	0.792	1.141	1.933	-0.103			5.2	191	09
13/01/24 16:40	0.346	0.595	0.941	-0.149			5.3	193	10
13/01/24 16:45				-0.169			5.1	187	11
13/01/24 16:50	79.335	21.510	100.845	-0.100			5.1	191	10
13/01/24 16:55	11.104	8.346	19.450	-0.090			5.4	194	08
13/01/24 17:00	0.782	1.362	2.144	-0.101			4.6	188	13
13/01/24 17:05	1.038	2.710	3.749	-0.054			4.4	181	15
13/01/24 17:10	1.101	2.131	3.232	-0.098			5.4	186	10
13/01/24 17:15	0.813	0.753	1.566	-0.110			5.5	191	10
13/01/24 17:20	0.819	1.222	2.042	-0.077			5.2	190	12
13/01/24 17:25	1.337	2.900	4.237	-0.024			5.6	192	08
13/01/24 17:30	1.762	4.129	5.891	-0.057			4.7	189	13
13/01/24 17:35	1.641	3.266	4.907	-0.114			5.3	188	09
13/01/24 17:40	1.459	2.208	3.668	-0.100			5.1	192	13
13/01/24 17:45	1.248	1.986	3.234	-0.103			4.6	183	12
13/01/24 17:50	1.056	1.896	2.953	-0.095			4.8	186	12
13/01/24 17:55	0.830	1.777	2.607	-0.059			5.6	188	10
13/01/24 18:00	0.648	1.360	2.008	-0.091			4.7	184	12
13/01/24 18:05	0.523	1.069	1.592	-0.028			5.2	186	10
13/01/24 18:10	0.360	0.875	1.235	0.001			5.4	187	13
13/01/24 18:15	0.217	0.786	1.004	0.040			6.1	187	10
13/01/24 18:20	0.160	0.762	0.923	0.010			5.1	186	09
13/01/24 18:25	0.147	0.775	0.922	-0.017			4.1	184	13
13/01/24 18:30	0.188	0.868	1.056	-0.072			4.0	178	15
13/01/24 18:35	0.186	0.898	1.084	-0.081			4.7	181	15
13/01/24 18:40	0.180	0.899	1.078	-0.109			4.7	185	12
13/01/24 18:45	0.210	0.872	1.083	-0.166			4.4	184	13
13/01/24 18:50	0.118	0.900	1.018	-0.084			4.4	187	14
13/01/24 18:55	0.134	0.907	1.041	-0.061			3.7	168	21
13/01/24 19:00	0.004	1.005	1.009	-0.120			3.1	169	22
13/01/24 19:05	-0.016	1.062	1.046	-0.138			3.7	184	18
13/01/24 19:10	0.019	1.028	1.047	-0.149			3.2	181	17
13/01/24 19:15	-0.014	1.025	1.011	-0.147			2.5	164	27
13/01/24 19:20	0.023	0.918	0.941	-0.133			3.0	172	26
13/01/24 19:25	0.005	0.832	0.837	-0.093			4.3	148	17
13/01/24 19:30	-0.056	0.717	0.661	-0.087			3.7	170	16
13/01/24 19:35	-0.068	0.683	0.615	-0.109			3.6	163	24
13/01/24 19:40	0.011	0.579	0.590	-0.140			3.8	158	26
13/01/24 19:45	-0.070	0.474	0.404	-0.048			3.1	167	26
13/01/24 19:50	-0.033	0.511	0.477	-0.088			3.8	180	17
13/01/24 19:55	-0.070	0.512	0.442	-0.146			3.0	170	27
13/01/24 20:00	-0.104	0.516	0.411	-0.161			3.0	173	23
13/01/24 20:05	-0.027	0.463	0.436	-0.147			2.8	170	25
13/01/24 20:10	-0.018	0.470	0.452	-0.272			3.4	170	23
13/01/24 20:15	0.093	0.458	0.550	-0.215			3.2	173	23
13/01/24 20:20	0.054	0.411	0.465	-0.198			3.4	176	22
13/01/24 20:25	0.072	0.415	0.487	-0.148			4.0	185	14
13/01/24 20:30	0.191	0.402	0.593	-0.215			4.2	184	17
13/01/24 20:35	0.313	0.330	0.643	-0.213			3.5	171	17
13/01/24 20:40	0.258	0.334	0.592	-0.218			2.6	172	26
13/01/24 20:45	0.203	0.555	0.758	-0.167			3.7	180	17
13/01/24 20:50	0.247	0.771	1.018	-0.171			3.1	170	23
13/01/24 20:55	0.318	0.796	1.114	-0.153			3.0	169	21
13/01/24 21:00	0.349	0.801	1.150	-0.095			2.8	177	19
13/01/24 21:05	1.012	0.900	1.912	-0.055			2.9	174	24
13/01/24 21:10	0.882	0.664	1.546	-0.060			3.6	181	14

Station Pier Ambient Air Quality Monitoring

January 2024

5-Minute Data

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
13/01/24 21:15	0.640	0.536	1.176	-0.102			3.2	173	21
13/01/24 21:20	0.419	0.519	0.939	-0.122			3.3	180	14
13/01/24 21:25	0.194	0.524	0.717	-0.114			3.4	184	18
13/01/24 21:30	0.108	0.514	0.622	-0.091			3.0	170	20
13/01/24 21:35	0.121	0.466	0.587	-0.138			3.6	174	24
13/01/24 21:40	0.161	0.429	0.590	-0.082			2.9	181	19
13/01/24 21:45	0.209	0.425	0.634	-0.146			2.8	160	26
13/01/24 21:50	0.202	0.474	0.675	-0.163			2.9	177	18
13/01/24 21:55	0.202	0.413	0.614	-0.139			2.6	174	27
13/01/24 22:00	0.114	0.425	0.538	-0.129			2.7	172	26
13/01/24 22:05	0.074	0.421	0.495	-0.157			3.2	176	18
13/01/24 22:10	-0.009	0.442	0.433	-0.124			2.6	176	20
13/01/24 22:15	-0.057	0.438	0.381	-0.080			3.5	180	13
13/01/24 22:20	-0.016	0.410	0.394	-0.058			3.2	170	21
13/01/24 22:25	0.086	0.413	0.499	-0.090			3.1	169	21
13/01/24 22:30	0.155	0.417	0.572	-0.087			2.6	168	23
13/01/24 22:35	0.115	0.391	0.506	-0.062			3.2	170	21
13/01/24 22:40	0.009	0.446	0.455	-0.015			2.9	166	25
13/01/24 22:45	-0.075	0.443	0.368	0.009			2.8	165	25
13/01/24 22:50	-0.064	0.499	0.435	0.035			3.9	183	12
13/01/24 22:55	-0.017	0.561	0.544	0.026			2.8	179	18
13/01/24 23:00	0.002	0.575	0.577	-0.021			3.0	182	15
13/01/24 23:05	0.029	0.541	0.570	-0.014			3.0	181	20
13/01/24 23:10	0.054	0.507	0.561	-0.002			3.4	181	14
13/01/24 23:15	0.000	0.520	0.520	-0.014			4.2	185	09
13/01/24 23:20	-0.084	0.563	0.478	-0.026			3.7	183	12
13/01/24 23:25	-0.106	0.542	0.437	-0.036			3.9	182	16
13/01/24 23:30	-0.058	0.511	0.454	-0.056			3.7	186	14
13/01/24 23:35	-0.029	0.536	0.507	-0.050			3.2	181	16
13/01/24 23:40	0.042	0.534	0.576	-0.082			4.7	187	12
13/01/24 23:45	0.102	0.558	0.660	-0.098			4.1	189	10
13/01/24 23:50	0.067	0.604	0.672				3.5	182	16
13/01/24 23:55	-0.015	0.578	0.563				4.1	184	14
14/01/24 00:00	0.020	0.594	0.614	-0.057			5.0	193	10
14/01/24 00:05	0.025	0.585	0.609	-0.035			4.5	189	08
14/01/24 00:10	-0.036	0.625	0.589	-0.048			4.8	190	10
14/01/24 00:15	0.010	0.584	0.594	-0.049			4.6	187	11
14/01/24 00:20	0.032	0.566	0.598	-0.035			4.9	189	11
14/01/24 00:25	0.085	0.505	0.591	-0.023			4.1	182	15
14/01/24 00:30	0.062	0.480	0.542	0.051			4.6	186	13
14/01/24 00:35	0.195	0.417	0.613	0.137			4.5	186	11
14/01/24 00:40	0.137	0.412	0.549	0.080			3.7	182	19
14/01/24 00:45	0.165	0.399	0.565	-0.007			4.1	184	15
14/01/24 00:50	0.217	0.358	0.575	-0.009			3.6	176	22
14/01/24 00:55	0.203	0.285	0.488	-0.013			3.5	175	20
14/01/24 01:00	0.144	0.213	0.357	-0.037			3.0	179	20
14/01/24 01:05							2.4	172	21
14/01/24 01:10							3.3	183	15
14/01/24 01:15							4.0	187	11
14/01/24 01:20							3.1	167	26
14/01/24 01:25							3.8	184	16
14/01/24 01:30							3.9	182	21
14/01/24 01:35							3.4	186	15
14/01/24 01:40							3.5	176	19
14/01/24 01:45							3.7	183	15
14/01/24 01:50							2.8	176	18
14/01/24 01:55							3.2	169	22
14/01/24 02:00							3.6	181	16
14/01/24 02:05	0.178	0.289	0.467	0.057			2.9	172	24
14/01/24 02:10	0.150	0.258	0.408	0.154			4.0	187	12
14/01/24 02:15	0.167	0.262	0.429	0.125			3.6	184	13
14/01/24 02:20	0.102	0.295	0.397	0.100			3.5	183	16
14/01/24 02:25	0.151	0.314	0.465	0.110			3.4	185	13
14/01/24 02:30	0.065	0.328	0.394	0.117			3.1	178	22
14/01/24 02:35	0.007	0.347	0.353	0.057			3.8	181	17
14/01/24 02:40	0.065	0.341	0.406	-0.006			2.9	175	23
14/01/24 02:45	-0.064	0.368	0.304	0.129			2.8	183	21
14/01/24 02:50	-0.174	0.417	0.243	0.211			3.8	181	14
14/01/24 02:55	-0.071	0.397	0.326	0.190			3.7	182	14
14/01/24 03:00	0.007	0.374	0.381	0.217			3.6	186	14
14/01/24 03:05	0.032	0.447	0.479	0.251			3.4	182	16
14/01/24 03:10	0.000	0.528	0.527	0.259			3.4	181	14
14/01/24 03:15	-0.024	0.585	0.562	0.280			2.5	175	25
14/01/24 03:20	0.063	0.544	0.607	0.161			2.7	181	21
14/01/24 03:25	0.019	0.555	0.574	0.191			3.3	178	20
14/01/24 03:30	0.017	0.571	0.588	0.211			3.9	184	16
14/01/24 03:35	0.033	0.532	0.565	0.221			4.0	183	13
14/01/24 03:40	0.094	0.548	0.641	0.230			2.9	183	15
14/01/24 03:45	0.126	0.560	0.687	0.178			2.9	182	15
14/01/24 03:50	0.083	0.589	0.672	0.089			4.2	184	12
14/01/24 03:55	0.081	0.612	0.693	0.136			3.4	189	13
14/01/24 04:00	0.038	0.806	0.844	0.188			3.9	193	10
14/01/24 04:05	0.363	1.570	1.932	0.144			3.1	180	18
14/01/24 04:10	0.346	1.213	1.560	0.107			3.3	188	14
14/01/24 04:15	0.405	1.538	1.943	0.094			2.8	178	18
14/01/24 04:20	0.385	1.711	2.095	0.153			4.0	191	13
14/01/24 04:25	0.213	1.838	2.051	0.171			3.8	191	10
14/01/24 04:30	0.061	1.694	1.755	0.147			3.3	183	16
14/01/24 04:35	0.051	1.509	1.560	0.130			3.6	186	11
14/01/24 04:40	-0.061	1.502	1.441	0.231			3.2	182	18
14/01/24 04:45	-0.116	1.505	1.388	0.282			3.7	192	12
14/01/24 04:50	-0.071	1.589	1.518	0.266			3.4	185	17
14/01/24 04:55	0.022	1.318	1.340	0.283			3.0	181	16
14/01/24 05:00	0.056	1.122	1.179	0.301			2.6	178	22
14/01/24 05:05	0.164	0.992	1.156	0.372			2.8	177	18
14/01/24 05:10	0.097	0.969	1.066	0.350			3.1	187	12
14/01/24 05:15	0.051	0.885	0.935	0.357			3.3	182	19
14/01/24 05:20	-0.070	0.803	0.733	0.263			2.8	175	16
14/01/24 05:25	-0.212	0.760	0.548	0.255			3.6	187	14
14/01/24 05:30	-0.188	0.690	0.502	0.195			3.6	185	11
14/01/24 05:35	-0.161	0.658	0.496	0.096			3.7	185	10
14/01/24 05:40	-0.093	0.612	0.519	-0.100			2.3	174	20
14/01/24 05:45	-0.116	0.523	0.407	0.075			3.1	178	17
14/01/24 05:50	-0.113	0.540	0.427	0.083			2.9	189	15
14/01/24 05:55	-0.040	0.550	0.511	0.040			2.9	183	16
14/01/24 06:00	0.035	0.528	0.563	0.060			3.0	180	18

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/01/24 06:05	0.077	0.551	0.627	0.123			2.1	174	26
14/01/24 06:10	0.018	0.521	0.539	0.097			2.7	179	19
14/01/24 06:15	0.013	0.458	0.471	0.100			3.7	187	09
14/01/24 06:20	0.083	0.445	0.528	0.215			3.1	187	14
14/01/24 06:25	0.180	0.444	0.624	0.187			3.4	186	14
14/01/24 06:30	0.193	0.428	0.621	0.199			2.9	182	15
14/01/24 06:35	0.224	0.422	0.646	0.254			2.2	173	26
14/01/24 06:40	0.179	0.487	0.666	0.237			2.3	168	17
14/01/24 06:45	0.039	0.524	0.563	0.211			2.5	181	22
14/01/24 06:50	-0.004	0.583	0.579	0.185			3.4	189	12
14/01/24 06:55	0.141	0.530	0.670	0.189			2.7	183	16
14/01/24 07:00	0.058	0.576	0.634	0.236			2.6	182	24
14/01/24 07:05	-0.061	0.652	0.590	0.221			2.5	183	16
14/01/24 07:10	0.023	0.625	0.648	0.211			2.5	172	26
14/01/24 07:15	-0.039	0.620	0.581	0.173			2.2	181	21
14/01/24 07:20	0.024	0.633	0.657	0.114			2.5	180	20
14/01/24 07:25	0.078	0.641	0.718	0.162			3.2	185	12
14/01/24 07:30	0.089	0.592	0.681	0.197			3.3	181	14
14/01/24 07:35	0.145	0.532	0.677	0.254			3.5	187	15
14/01/24 07:40	0.102	0.543	0.644	0.237			3.3	187	12
14/01/24 07:45	0.067	0.585	0.652	0.198			3.1	182	13
14/01/24 07:50	0.069	0.572	0.641	0.246			2.5	179	21
14/01/24 07:55	-0.015	0.588	0.573	0.268			2.8	172	25
14/01/24 08:00	-0.025	0.606	0.581	0.318			2.3	166	26
14/01/24 08:05	-0.059	0.579	0.520	0.406			2.3	170	24
14/01/24 08:10	-0.117	0.651	0.534	0.433			2.4	185	21
14/01/24 08:15	-0.148	0.650	0.502	0.392			2.9	141	20
14/01/24 08:20	-0.060	0.612	0.551	0.385			2.6	140	19
14/01/24 08:25	-0.079	0.633	0.554	0.357			2.7	145	21
14/01/24 08:30	0.012	0.565	0.577	0.264			2.5	141	17
14/01/24 08:35	0.090	0.643	0.733	0.228			2.2	176	23
14/01/24 08:40	0.079	0.671	0.749	0.218			2.3	182	20
14/01/24 08:45	0.063	0.596	0.659	0.217			2.6	183	17
14/01/24 08:50	0.114	0.587	0.701	0.271			2.1	177	23
14/01/24 08:55	0.038	0.607	0.645	0.295			2.7	181	20
14/01/24 09:00	0.079	0.559	0.638	0.208			2.7	186	13
14/01/24 09:05	0.124	0.622	0.746	0.181			2.6	180	17
14/01/24 09:10	0.143	0.605	0.748	0.142			2.8	189	14
14/01/24 09:15	0.291	0.740	1.032	0.120			3.5	190	13
14/01/24 09:20	0.331	0.757	1.088	0.098			3.0	187	14
14/01/24 09:25	0.259	0.836	1.095	0.159			3.6	194	09
14/01/24 09:30	0.225	0.850	1.075	0.205			3.7	195	12
14/01/24 09:35	0.288	0.939	1.227	0.207			2.9	188	13
14/01/24 09:40	0.323	1.011	1.333	0.206			3.4	190	15
14/01/24 09:45	0.339	1.092	1.430	0.296			3.5	189	15
14/01/24 09:50	0.320	1.164	1.484	0.283			3.6	195	10
14/01/24 09:55	0.376	1.102	1.478	0.328			3.7	191	11
14/01/24 10:00	0.363	1.041	1.404	0.384			3.2	189	14
14/01/24 10:05	0.481	1.053	1.534	0.372			3.6	193	11
14/01/24 10:10	0.518	1.103	1.621	0.381			3.7	195	12
14/01/24 10:15	0.868	1.361	2.229	0.371			3.4	192	13
14/01/24 10:20	1.210	1.738	2.947	0.377			4.5	202	08
14/01/24 10:25	0.996	1.411	2.407	0.367			4.8	200	05
14/01/24 10:30	0.728	1.100	1.828	0.399			4.3	199	07
14/01/24 10:35	0.618	1.124	1.742	0.440			4.4	198	08
14/01/24 10:40	0.523	1.036	1.559	0.342			4.5	195	08
14/01/24 10:45	0.440	1.097	1.537	0.339			4.7	199	06
14/01/24 10:50	0.368	1.058	1.426	0.332			5.1	203	05
14/01/24 10:55	0.420	1.021	1.441	0.281			6.1	204	04
14/01/24 11:00	0.435	0.930	1.365	0.302			6.5	203	05
14/01/24 11:05	0.382	0.864	1.246	0.351			6.2	204	07
14/01/24 11:10	0.320	0.775	1.095	0.387			6.2	201	05
14/01/24 11:15	0.293	0.752	1.045	0.361			6.0	201	06
14/01/24 11:20	0.163	0.753	0.916	0.433			5.8	205	05
14/01/24 11:25	0.156	0.799	0.955	0.448			6.2	203	06
14/01/24 11:30	0.171	0.854	1.025	0.458			6.1	202	04
14/01/24 11:35	0.220	0.838	1.058	0.461			6.4	200	06
14/01/24 11:40	0.204	0.868	1.072	0.411			6.1	206	05
14/01/24 11:45	0.184	0.841	1.025	0.382			6.8	206	06
14/01/24 11:50	0.174	0.858	1.032	0.456			6.6	202	05
14/01/24 11:55	0.264	0.908	1.171	0.433			6.6	201	05
14/01/24 12:00	0.238	0.947	1.186	0.449			6.7	207	08
14/01/24 12:05	0.166	0.868	1.034	0.466			6.6	205	06
14/01/24 12:10	0.141	0.782	0.923	0.474			7.3	211	04
14/01/24 12:15	0.133	0.734	0.868	0.475			6.6	205	07
14/01/24 12:20	0.071	0.748	0.819	0.411			6.9	211	06
14/01/24 12:25	-0.055	0.724	0.669	0.385			7.1	206	06
14/01/24 12:30	-0.003	0.781	0.777	0.352			7.5	207	05
14/01/24 12:35	0.014	0.809	0.823	0.309			7.5	206	06
14/01/24 12:40	-0.030	0.813	0.783	0.321			8.0	206	05
14/01/24 12:45	0.022	0.790	0.812	0.423			8.2	209	04
14/01/24 12:50	-0.123	0.778	0.655	0.399			7.9	207	04
14/01/24 12:55	-0.019	0.711	0.692	0.329			8.5	211	04
14/01/24 13:00	0.018	0.771	0.788	0.383			8.1	208	05
14/01/24 13:05	0.026	0.795	0.820	0.391			8.6	212	03
14/01/24 13:10	0.080	0.764	0.844	0.412			8.2	210	05
14/01/24 13:15	0.223	0.792	1.015	0.400			8.7	208	04
14/01/24 13:20	0.240	0.812	1.052	0.419			8.7	209	05
14/01/24 13:25	0.145	0.824	0.969	0.410			9.2	209	05
14/01/24 13:30	0.082	0.764	0.845	0.348			9.8	211	04
14/01/24 13:35	0.042	0.761	0.803	0.426			9.8	213	04
14/01/24 13:40	-0.058	0.783	0.724	0.420			9.3	211	04
14/01/24 13:45	-0.076	0.810	0.734	0.363			9.1	209	06
14/01/24 13:50	0.046	0.814	0.860	0.415			8.2	202	05
14/01/24 13:55	0.094	0.740	0.834	0.468			8.4	204	05
14/01/24 14:00	0.070	0.731	0.801	0.492			8.5	203	04
14/01/24 14:05	0.035	0.735	0.771	0.504			7.4	197	06
14/01/24 14:10	0.016	0.748	0.763	0.454			8.8	200	04
14/01/24 14:15	0.041	0.712	0.753	0.404			8.7	199	04
14/01/24 14:20	-0.016	0.754	0.738	0.389			8.8	201	05
14/01/24 14:25	-0.039	0.751	0.712	0.382			8.7	199	05
14/01/24 14:30	0.017	0.718	0.735	0.389			7.9	200	05
14/01/24 14:35	0.161	0.725	0.886	0.369			9.5	202	05
14/01/24 14:40	0.172	0.729	0.901	0.336			10.0	204	05
14/01/24 14:45	0.201	0.748	0.949	0.349			9.9	202	04
14/01/24 14:50	0.155	0.761	0.916	0.358			10.1	202	04

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/01/24 14:55	0.185	0.758	0.943	0.330			9.8	202	06
14/01/24 15:00	0.314	0.718	1.032	0.254			10.1	204	05
14/01/24 15:05	0.300	0.739	1.039	0.320			10.5	204	04
14/01/24 15:10	0.247	0.721	0.968	0.370			9.7	203	04
14/01/24 15:15	0.206	0.793	0.999	0.421			10.0	200	04
14/01/24 15:20	0.352	1.095	1.447	0.368			8.1	198	07
14/01/24 15:25	0.395	1.124	1.520	0.352			7.1	193	08
14/01/24 15:30	0.261	0.959	1.221	0.380			6.3	189	09
14/01/24 15:35	0.190	0.942	1.132	0.414			5.9	189	10
14/01/24 15:40	0.086	0.943	1.029	0.371			5.8	188	10
14/01/24 15:45	0.019	0.880	0.899	0.352			5.5	185	12
14/01/24 15:50	0.020	0.831	0.851	0.366			5.6	187	11
14/01/24 15:55	0.143	0.779	0.922	0.337			5.9	185	11
14/01/24 16:00	0.218	0.759	0.977	0.360			5.1	185	13
14/01/24 16:05	0.227	0.819	1.046	0.340			5.5	190	11
14/01/24 16:10	0.185	0.803	0.987	0.327			5.9	190	11
14/01/24 16:15	0.272	0.735	1.008	0.368			4.3	185	11
14/01/24 16:20	0.216	0.760	0.976	0.355			4.8	190	11
14/01/24 16:25	0.255	0.765	1.020	0.392			5.6	191	08
14/01/24 16:30	0.272	0.702	0.974	0.484			5.2	191	10
14/01/24 16:35	0.162	0.650	0.812	0.455			5.4	191	10
14/01/24 16:40	0.117	0.660	0.777	0.393			5.4	192	10
14/01/24 16:45	0.200	0.592	0.792	0.446			5.4	192	09
14/01/24 16:50	0.135	0.564	0.699	0.370			5.5	193	09
14/01/24 16:55	0.042	0.567	0.609	0.444			5.2	192	09
14/01/24 17:00	0.054	0.576	0.630	0.494			4.9	192	09
14/01/24 17:05	0.109	0.611	0.719	0.515			4.9	192	11
14/01/24 17:10	0.011	0.647	0.658	0.513			5.1	194	09
14/01/24 17:15	-0.046	0.675	0.629	0.470			5.2	191	09
14/01/24 17:20	-0.043	0.671	0.627	0.393			5.0	194	09
14/01/24 17:25	-0.066	0.670	0.604	0.446			5.3	191	10
14/01/24 17:30	-0.079	0.679	0.601	0.440			4.8	195	08
14/01/24 17:35	-0.198	0.644	0.446	0.375			5.1	196	09
14/01/24 17:40	-0.159	0.609	0.449	0.464			5.0	196	07
14/01/24 17:45	-0.008	0.569	0.560	0.477			5.5	197	08
14/01/24 17:50	0.103	0.524	0.627	0.497			5.3	195	08
14/01/24 17:55	0.074	0.532	0.606	0.431			5.1	195	08
14/01/24 18:00	0.077	0.528	0.606	0.391			5.7	197	06
14/01/24 18:05	0.409	0.564	0.973	0.378			4.9	197	09
14/01/24 18:10	9.333	0.325	9.658	0.319			5.7	200	06
14/01/24 18:15	1.289	2.648	3.937	0.256			5.8	198	06
14/01/24 18:20	1.271	5.723	6.994	0.194			5.2	198	08
14/01/24 18:25	1.868	1.360	3.228	0.233			5.3	199	06
14/01/24 18:30	0.484	0.781	1.265	0.359			5.2	196	07
14/01/24 18:35	0.430	1.027	1.457	0.440			5.9	200	06
14/01/24 18:40	0.505	1.571	2.075	0.470			5.1	190	10
14/01/24 18:45	0.484	1.623	2.106	0.488			4.6	186	14
14/01/24 18:50	0.374	1.344	1.718	0.529			3.7	177	17
14/01/24 18:55	0.366	1.201	1.567	0.459			4.4	152	24
14/01/24 19:00	0.251	1.276	1.528	0.387			5.2	129	14
14/01/24 19:05	0.200	1.360	1.559	0.400			3.7	126	18
14/01/24 19:10	0.259	1.641	1.900	0.409			4.0	117	13
14/01/24 19:15	0.206	2.014	2.220	0.400			2.8	123	21
14/01/24 19:20	0.235	2.271	2.506	0.361			5.1	130	14
14/01/24 19:25	0.198	2.321	2.519	0.349			4.7	130	14
14/01/24 19:30	0.248	2.327	2.576	0.339			3.9	129	22
14/01/24 19:35	0.149	2.391	2.539	0.292			3.4	116	17
14/01/24 19:40	0.059	2.283	2.342	0.298			3.8	119	20
14/01/24 19:45	0.057	2.191	2.248	0.323			5.3	119	13
14/01/24 19:50	-0.095	2.055	1.960	0.384			5.2	119	09
14/01/24 19:55	-0.100	1.879	1.779	0.331			5.1	117	14
14/01/24 20:00	-0.093	1.780	1.687	0.369			4.4	116	16
14/01/24 20:05	-0.030	1.624	1.594	0.382			4.8	118	15
14/01/24 20:10	-0.036	1.516	1.480	0.381			4.1	120	22
14/01/24 20:15	-0.045	1.390	1.345	0.322			3.8	121	21
14/01/24 20:20	-0.140	1.400	1.260	0.287			4.8	117	16
14/01/24 20:25	-0.184	1.489	1.306	0.343			3.9	123	16
14/01/24 20:30	-0.127	1.715	1.588	0.353			3.9	121	18
14/01/24 20:35	-0.109	1.926	1.817	0.273			5.4	115	11
14/01/24 20:40	-0.155	2.068	1.913	0.229			5.5	118	12
14/01/24 20:45	0.002	2.072	2.074	0.275			6.6	109	08
14/01/24 20:50	0.027	2.017	2.044	0.302			5.8	113	10
14/01/24 20:55	-0.001	2.070	2.069	0.303			5.8	112	09
14/01/24 21:00	0.001	2.081	2.082	0.264			7.0	108	07
14/01/24 21:05	0.103	1.984	2.087	0.257			5.9	110	07
14/01/24 21:10	0.156	1.917	2.073	0.148			6.4	112	06
14/01/24 21:15	0.132	1.853	1.985	0.107			5.4	116	11
14/01/24 21:20	0.210	1.721	1.931	0.091			6.2	113	08
14/01/24 21:25	0.299	1.607	1.907	0.088			5.7	117	12
14/01/24 21:30	0.383	1.619	2.003	0.099			4.1	120	16
14/01/24 21:35	0.382	1.806	2.188	0.182			3.8	122	17
14/01/24 21:40	0.305	2.115	2.419	0.213			3.9	126	19
14/01/24 21:45	-0.003	2.587	2.584	0.184			3.9	125	21
14/01/24 21:50	-0.046	2.721	2.675	0.219			3.7	120	16
14/01/24 21:55	-0.116	2.840	2.724	0.117			3.5	123	19
14/01/24 22:00	-0.077	2.892	2.815	0.109			3.4	121	20
14/01/24 22:05	-0.114	2.975	2.861	0.091			4.1	114	12
14/01/24 22:10	-0.053	3.079	3.026	0.067			4.4	115	12
14/01/24 22:15	0.016	3.172	3.188	0.135			4.1	113	15
14/01/24 22:20	0.002	3.317	3.320	0.089			4.9	109	10
14/01/24 22:25	0.035	3.428	3.463	0.059			4.3	114	11
14/01/24 22:30	0.013	3.427	3.441	0.113			3.3	114	16
14/01/24 22:35	-0.007	3.483	3.476	0.141			3.5	114	13
14/01/24 22:40	-0.062	3.582	3.519	0.165			4.2	110	13
14/01/24 22:45	0.042	3.623	3.664	0.269			3.5	113	18
14/01/24 22:50	0.097	3.656	3.753	0.269			3.4	115	17
14/01/24 22:55	0.110	3.844	3.954	0.248			3.2	118	15
14/01/24 23:00	0.048	4.027	4.074	0.187			3.9	117	14
14/01/24 23:05	-0.078	4.198	4.119	0.239			3.0	116	19
14/01/24 23:10	-0.019	4.398	4.378	0.268			3.9	115	13
14/01/24 23:15	0.090	4.633	4.723	0.234			4.4	113	13
14/01/24 23:20	0.250	4.681	4.931	0.255			4.9	110	06
14/01/24 23:25	0.279	4.789	5.069	0.260			4.0	111	08
14/01/24 23:30	0.238	4.967	5.205	0.296			4.3	106	08
14/01/24 23:35	0.162	5.167	5.329	0.381			3.4	105	13
14/01/24 23:40	0.139	5.329	5.469	0.397			3.3	107	12

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/01/24 23:45	0.226	5.301	5.527	0.370			4.0	103	09
14/01/24 23:50	0.293	5.014	5.307				3.3	103	09
14/01/24 23:55	0.222	4.708	4.930				3.9	102	08
15/01/24 00:00	0.134	4.161	4.295	0.360			3.8	102	08
15/01/24 00:05	0.088	3.653	3.741	0.397			2.9	103	10
15/01/24 00:10	-0.047	3.210	3.163	0.412			3.2	97	10
15/01/24 00:15	-0.086	2.761	2.675	0.343			3.5	97	10
15/01/24 00:20	0.011	2.435	2.445	0.221			4.1	104	08
15/01/24 00:25	0.022	2.150	2.172	0.221			4.9	104	08
15/01/24 00:30	0.063	1.974	2.037	0.258			4.4	101	07
15/01/24 00:35	0.048	1.808	1.856	0.285			4.0	100	08
15/01/24 00:40	-0.021	1.738	1.718	0.301			3.8	98	09
15/01/24 00:45	0.055	1.691	1.746	0.249			4.0	100	10
15/01/24 00:50	0.131	1.625	1.756	0.250			3.9	98	08
15/01/24 00:55	0.196	1.603	1.799	0.235			3.6	101	07
15/01/24 01:00	0.229	1.635	1.864	0.224			3.7	101	09
15/01/24 01:05							3.9	103	08
15/01/24 01:10							3.2	93	10
15/01/24 01:15							4.0	96	08
15/01/24 01:20							3.6	90	10
15/01/24 01:25							2.8	89	11
15/01/24 01:30							2.2	77	14
15/01/24 01:35							1.9	70	16
15/01/24 01:40							1.4	70	17
15/01/24 01:45							1.4	89	17
15/01/24 01:50							2.4	86	12
15/01/24 01:55							2.2	93	08
15/01/24 02:00							2.2	98	11
15/01/24 02:05	0.334	1.811	2.146	0.216			2.4	97	08
15/01/24 02:10	0.300	1.783	2.083	0.092			2.6	99	08
15/01/24 02:15	0.318	1.780	2.098	0.036			2.0	92	14
15/01/24 02:20	0.293	1.862	2.154	0.030			2.2	84	15
15/01/24 02:25	0.320	1.872	2.192	0.000			2.0	83	10
15/01/24 02:30	0.301	1.936	2.236	-0.070			1.0	67	25
15/01/24 02:35	0.300	2.013	2.313	-0.107			1.1	50	12
15/01/24 02:40	0.238	2.046	2.284	-0.072			1.2	87	15
15/01/24 02:45	0.142	2.136	2.278	-0.036			1.4	87	11
15/01/24 02:50	0.132	2.187	2.320	0.008			1.3	89	16
15/01/24 02:55	0.157	2.329	2.485	0.038			1.8	91	16
15/01/24 03:00	0.179	2.393	2.571	0.047			1.7	92	12
15/01/24 03:05	0.175	2.491	2.666	-0.028			1.5	85	12
15/01/24 03:10	0.077	2.632	2.709	-0.086			1.7	89	09
15/01/24 03:15	0.074	2.817	2.891	-0.118			1.8	96	09
15/01/24 03:20	0.094	2.982	3.075	-0.184			1.9	85	14
15/01/24 03:25	0.022	3.077	3.100	-0.261			2.0	87	09
15/01/24 03:30	0.053	3.132	3.185	-0.223			1.7	79	13
15/01/24 03:35	0.009	3.170	3.180	-0.189			1.3	72	16
15/01/24 03:40	-0.020	3.192	3.172	-0.135			1.0	100	18
15/01/24 03:45	-0.028	3.303	3.275	-0.109			1.3	98	13
15/01/24 03:50	-0.043	3.455	3.412	-0.051			1.2	111	12
15/01/24 03:55	-0.068	3.363	3.295	-0.083			1.6	104	09
15/01/24 04:00	-0.037	3.156	3.119	-0.136			1.4	79	13
15/01/24 04:05	-0.023	2.906	2.883	-0.068			1.4	74	17
15/01/24 04:10	0.075	2.812	2.886	-0.014			0.8	101	20
15/01/24 04:15	0.109	2.758	2.866	0.044			0.9	74	22
15/01/24 04:20	0.108	2.835	2.942	0.048			0.6	15	20
15/01/24 04:25	0.140	3.057	3.198	-0.048			0.5	25	21
15/01/24 04:30	0.129	3.302	3.431	-0.144			0.7	328	18
15/01/24 04:35	0.098	3.407	3.506	-0.177			0.3	301	27
15/01/24 04:40	0.012	3.463	3.475	-0.184			0.4	317	16
15/01/24 04:45	0.032	3.565	3.596	-0.171			0.6	330	16
15/01/24 04:50	0.010	3.794	3.804	-0.160			0.5	329	06
15/01/24 04:55	0.066	3.950	4.016	-0.126			0.5	343	05
15/01/24 05:00	0.164	4.220	4.384	-0.106			0.4	332	14
15/01/24 05:05	0.208	4.298	4.506	-0.086			0.4	326	07
15/01/24 05:10	1.104	5.196	6.300	-0.125			1.1	320	16
15/01/24 05:15	8.074	15.990	24.064	-0.121			1.1	318	13
15/01/24 05:20	18.296	16.116	34.412	-0.035			1.2	316	06
15/01/24 05:25	20.227	15.488	35.715	-0.007			0.9	316	10
15/01/24 05:30	20.461	15.378	35.839	-0.027			0.5	334	11
15/01/24 05:35	20.345	15.263	35.609	0.040			0.3	329	29
15/01/24 05:40	20.164	14.982	35.145	0.067			0.6	339	17
15/01/24 05:45	20.815	14.737	35.552	0.056			0.9	326	15
15/01/24 05:50	22.471	14.819	37.290	0.097			1.1	309	11
15/01/24 05:55	27.895	14.031	41.926	0.108			1.4	299	08
15/01/24 06:00	28.341	12.815	41.156	0.102			0.8	284	20
15/01/24 06:05	27.662	13.563	41.225	0.075			0.8	285	16
15/01/24 06:10	52.199	15.026	67.225	0.100			0.9	277	11
15/01/24 06:15	55.018	15.169	70.186	0.185			1.1	280	14
15/01/24 06:20	55.496	16.737	72.233	0.227			1.0	292	15
15/01/24 06:25	58.917	19.917	78.834	0.345			1.1	294	10
15/01/24 06:30	58.945	18.847	77.792	0.372			0.8	281	18
15/01/24 06:35	56.437	17.421	73.858	0.411			1.0	270	11
15/01/24 06:40	42.442	16.094	58.536	0.406			1.3	268	09
15/01/24 06:45	33.240	15.980	49.220	0.443			1.6	258	10
15/01/24 06:50	25.680	12.218	37.897	0.466			1.0	282	23
15/01/24 06:55	22.096	11.842	33.937	0.449			0.8	301	31
15/01/24 07:00	19.518	12.763	32.282	0.469			0.4	353	28
15/01/24 07:05	18.987	12.389	31.376	0.481			0.5	117	38
15/01/24 07:10	48.887	19.945	68.832	0.632			0.8	150	25
15/01/24 07:15	44.444	14.386	58.829	0.690			0.5	72	57
15/01/24 07:20	37.511	15.159	52.670	0.764			1.1	11	20
15/01/24 07:25	35.541	14.719	50.259	0.846			0.6	8	52
15/01/24 07:30	35.289	14.271	49.560	0.941			1.6	285	21
15/01/24 07:35	31.857	13.982	45.840	0.862			1.7	311	13
15/01/24 07:40	27.087	13.192	40.279	0.936			1.8	276	15
15/01/24 07:45	25.480	13.366	38.846	1.043			1.7	269	17
15/01/24 07:50	25.061	13.391	38.452	1.035			2.3	272	15
15/01/24 07:55	23.841	12.911	36.753	1.036			2.5	265	10
15/01/24 08:00	21.918	12.189	34.106	0.994			2.8	260	07
15/01/24 08:05	19.730	11.073	30.803	0.889			2.3	260	08
15/01/24 08:10	17.242	12.205	29.447	0.864			1.8	259	07
15/01/24 08:15	18.168	12.291	30.460	0.827			1.4	225	11
15/01/24 08:20	19.813	12.586	32.399	0.741			1.4	235	10
15/01/24 08:25	23.151	13.362	36.513	0.810			1.6	219	07
15/01/24 08:30	23.616	14.049	37.665	0.912			1.6	215	04

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/01/24 08:35	22.568	13.701	36.269	0.935			1.4	223	08
15/01/24 08:40	25.044	16.981	42.025	0.949			1.7	216	08
15/01/24 08:45	32.606	18.707	51.313	0.968			1.7	211	07
15/01/24 08:50	33.321	17.124	50.445	0.984			2.1	215	07
15/01/24 08:55	32.216	15.427	47.643	0.933			2.4	210	09
15/01/24 09:00	28.275	15.824	44.099	0.949			2.4	215	06
15/01/24 09:05	27.054	14.685	41.739	0.969			2.6	215	04
15/01/24 09:10	25.468	13.645	39.113	0.927			2.2	214	05
15/01/24 09:15	24.441	13.598	38.039	0.853			2.1	214	06
15/01/24 09:20	24.729	14.271	39.000	0.778			1.9	214	06
15/01/24 09:25	25.875	14.859	40.735	0.694			1.7	213	06
15/01/24 09:30	27.484	16.413	43.897	0.687			1.3	206	09
15/01/24 09:35	35.292	19.910	55.202	0.726			1.5	204	07
15/01/24 09:40	38.888	14.217	53.105	0.775			1.3	208	07
15/01/24 09:45	33.288	16.428	49.716	0.840			1.1	199	07
15/01/24 09:50	33.297	16.339	49.636	0.935			1.3	195	09
15/01/24 09:55	32.487	16.859	49.346	0.918			1.5	195	16
15/01/24 10:00	32.085	16.479	48.564	0.906			2.4	208	04
15/01/24 10:05	31.738	16.602	48.340	0.949			2.3	212	06
15/01/24 10:10	31.548	16.727	48.275	0.958			2.3	210	07
15/01/24 10:15	32.018	16.949	48.967	1.089			2.2	212	07
15/01/24 10:20	36.133	17.874	54.007	1.276			1.7	206	13
15/01/24 10:25	73.533	17.385	90.918	1.460			1.3	184	20
15/01/24 10:30	43.155	21.996	65.151	1.792			1.3	167	23
15/01/24 10:35	39.478	19.799	59.277	1.887			1.1	159	28
15/01/24 10:40	35.876	19.283	55.158	1.922			0.9	159	26
15/01/24 10:45	32.125	18.448	50.573	1.890			1.2	173	26
15/01/24 10:50	29.660	17.888	47.548	1.844			1.4	155	28
15/01/24 10:55	29.290	19.908	49.198	1.770			1.2	172	28
15/01/24 11:00	29.762	19.244	49.006	1.658			1.7	197	18
15/01/24 11:05	28.420	19.837	48.257	1.601			2.4	211	04
15/01/24 11:10	27.056	19.785	46.841	1.601			2.5	217	03
15/01/24 11:15	25.609	18.354	43.963	1.569			2.6	224	05
15/01/24 11:20	24.629	17.065	41.693	1.511			2.0	220	09
15/01/24 11:25	28.119	17.484	45.603	1.483			2.6	215	05
15/01/24 11:30	50.043	19.756	69.799	1.537			2.7	209	07
15/01/24 11:35	36.636	19.727	56.363	1.471			2.4	195	10
15/01/24 11:40	36.318	23.521	59.839	1.700			2.5	194	11
15/01/24 11:45	29.160	17.799	46.959	2.071			2.0	174	19
15/01/24 11:50	28.284	19.821	48.105	2.322			2.2	186	17
15/01/24 11:55	34.475	15.030	49.505	2.619			2.4	173	22
15/01/24 12:00	23.943	17.083	41.026	2.532			2.0	189	18
15/01/24 12:05	44.906	18.324	63.231	2.824			2.3	188	19
15/01/24 12:10	46.891	16.104	62.995	3.433			2.3	189	13
15/01/24 12:15	43.652	19.285	62.937	4.187			2.8	196	10
15/01/24 12:20	21.225	18.161	39.386	4.123			3.3	197	08
15/01/24 12:25	15.085	15.933	31.017	3.467			2.6	186	18
15/01/24 12:30	13.614	14.410	28.024	3.187			2.2	177	21
15/01/24 12:35	15.836	10.394	26.231	2.833			2.2	182	20
15/01/24 12:40	34.247	16.402	50.649	2.854			2.7	192	12
15/01/24 12:45	24.607	15.737	40.344	3.141			2.7	192	13
15/01/24 12:50	29.843	21.061	50.903	3.450			2.8	195	11
15/01/24 12:55	47.498	30.831	78.330	3.994			2.9	192	13
15/01/24 13:00	30.801	24.290	55.091	4.423			2.0	189	19
15/01/24 13:05	60.313	21.842	82.155	4.550			2.5	191	13
15/01/24 13:10	15.401	22.063	37.464	4.788			2.1	185	23
15/01/24 13:15	35.269	15.981	51.251	4.729			2.3	191	17
15/01/24 13:20	21.474	23.677	45.151	4.660			2.4	185	21
15/01/24 13:25	33.640	27.283	60.923	4.995			2.3	179	18
15/01/24 13:30	63.514	31.981	95.495	5.601			2.2	187	22
15/01/24 13:35	41.582	22.664	64.246	6.113			2.5	180	20
15/01/24 13:40	25.462	15.206	40.667	6.032			2.9	182	15
15/01/24 13:45	64.230	17.981	82.212	5.971			2.5	184	17
15/01/24 13:50	32.558	22.449	55.008	6.203			2.6	178	16
15/01/24 13:55	41.318	10.752	52.070	6.138			2.7	175	18
15/01/24 14:00	16.995	14.948	31.943	5.791			2.7	178	14
15/01/24 14:05	15.652	14.089	29.741	5.252			3.0	178	15
15/01/24 14:10	33.383	17.304	50.687	4.484			2.7	179	14
15/01/24 14:15	77.808	20.069	97.877	6.268			3.1	181	15
15/01/24 14:20	58.688	24.097	82.785	8.344			2.7	178	15
15/01/24 14:25	92.740	23.370	116.111	8.479			3.1	179	15
15/01/24 14:30	80.416	26.944	107.360	10.611			2.8	187	13
15/01/24 14:35	59.863	15.100	74.963	12.373			2.8	182	16
15/01/24 14:40	102.079	23.693	125.772	11.453			2.9	188	15
15/01/24 14:45	119.123	34.881	154.004	15.205			3.6	194	09
15/01/24 14:50	106.967	5.140	112.107	15.190			3.1	192	13
15/01/24 14:55	146.705	37.033	183.738	16.680			3.2	195	13
15/01/24 15:00	81.426	33.199	114.625	16.216			4.2	197	08
15/01/24 15:05	84.610	17.237	101.847	15.125			4.3	196	09
15/01/24 15:10	80.774	33.647	114.422	13.410			4.4	198	08
15/01/24 15:15	117.339	16.219	133.558	12.332			4.9	198	08
15/01/24 15:20	139.846	28.177	168.024	14.806			5.1	196	07
15/01/24 15:25	97.743	14.906	112.649	15.607			4.4	194	10
15/01/24 15:30				14.037			5.2	195	07
15/01/24 15:35	47.946	17.061	65.007	9.371			4.6	194	10
15/01/24 15:40	23.522	13.923	37.446	7.781			3.8	186	16
15/01/24 15:45	27.460	13.662	41.122	6.761			4.7	191	13
15/01/24 15:50	25.834	15.299	41.133	6.102			4.4	189	14
15/01/24 15:55	17.842	11.921	29.762	5.633			3.7	185	14
15/01/24 16:00	28.007	19.096	47.103	5.626			3.9	181	12
15/01/24 16:05	31.387	4.682	36.069	5.657			3.9	179	14
15/01/24 16:10	7.818	8.121	15.939	5.346			3.9	178	13
15/01/24 16:15	16.964	8.326	25.290	4.771			4.0	177	14
15/01/24 16:20	13.501	7.718	21.219	4.123			4.2	177	18
15/01/24 16:25	3.438	4.792	8.230	3.394			3.9	155	22
15/01/24 16:30	2.440	2.030	4.470	2.775			3.8	150	18
15/01/24 16:35	2.578	1.452	4.030	2.128			3.4	159	20
15/01/24 16:40	2.467	2.602	5.069	1.797			4.6	139	17
15/01/24 16:45	0.975	3.114	4.089	1.410			5.3	145	13
15/01/24 16:50	1.060	3.143	4.203	1.082			3.6	158	23
15/01/24 16:55	1.217	3.042	4.260	0.855			5.2	146	19
15/01/24 17:00	0.828	2.991	3.819	0.857			6.0	144	13
15/01/24 17:05	0.806	2.813	3.619	0.770			5.0	138	17
15/01/24 17:10	0.891	2.691	3.582	0.682			5.1	146	16
15/01/24 17:15	0.819	2.607	3.426	0.541			5.5	143	13
15/01/24 17:20	0.692	2.421	3.113	0.626			4.8	134	13

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
15/01/24 17:25	0.640	2.309	2.949	0.585			3.7	126	17
15/01/24 17:30	0.661	2.188	2.848	0.570			3.9	128	16
15/01/24 17:35	0.712	2.031	2.743	0.490			3.3	128	18
15/01/24 17:40	0.841	2.128	2.969	0.399			4.6	130	16
15/01/24 17:45	0.639	2.081	2.720	0.262			3.5	127	20
15/01/24 17:50	0.606	2.063	2.669	0.128			4.1	133	17
15/01/24 17:55	0.779	2.129	2.908	0.154			3.9	127	16
15/01/24 18:00	0.781	2.083	2.865	0.279			2.7	121	34
15/01/24 18:05	0.748	2.172	2.920	0.451			3.3	121	20
15/01/24 18:10	0.705	2.117	2.822	0.519			3.6	122	19
15/01/24 18:15	0.767	2.059	2.826	0.423			3.1	121	19
15/01/24 18:20	0.702	1.995	2.697	0.368			3.7	118	16
15/01/24 18:25	0.585	1.981	2.566	0.256			3.5	125	18
15/01/24 18:30	0.528	1.913	2.441	0.113			3.9	116	14
15/01/24 18:35	0.524	1.800	2.324	0.139			3.8	117	14
15/01/24 18:40	0.439	1.763	2.202	0.195			4.4	117	12
15/01/24 18:45	0.326	1.735	2.061	0.175			5.7	116	07
15/01/24 18:50	0.178	1.790	1.968	0.087			6.4	112	07
15/01/24 18:55	0.040	1.707	1.747	0.061			4.9	113	10
15/01/24 19:00	0.098	1.780	1.879	0.075			6.3	111	06
15/01/24 19:05	0.179	1.815	1.994	0.050			7.0	111	04
15/01/24 19:10	0.287	1.784	2.071	0.049			6.1	110	09
15/01/24 19:15	0.341	1.776	2.117	0.065			5.4	99	09
15/01/24 19:20	0.274	1.931	2.205	0.022			6.2	104	09
15/01/24 19:25	0.163	2.036	2.199	0.036			6.0	102	08
15/01/24 19:30	0.176	2.128	2.305	0.016			5.7	101	08
15/01/24 19:35	0.223	2.277	2.500	0.023			6.3	108	07
15/01/24 19:40	0.236	2.343	2.579	-0.010			6.5	110	04
15/01/24 19:45	0.251	2.361	2.611	-0.147			4.7	103	08
15/01/24 19:50	0.308	2.475	2.783	-0.121			5.2	107	09
15/01/24 19:55	0.365	2.616	2.980	0.056			4.3	100	10
15/01/24 20:00	0.362	2.819	3.180	0.120			3.6	104	09
15/01/24 20:05	0.251	2.970	3.222	-0.072			3.8	105	08
15/01/24 20:10	0.201	3.097	3.299	-0.114			3.3	97	08
15/01/24 20:15	0.150	3.193	3.342	-0.070			3.3	109	09
15/01/24 20:20	0.136	3.258	3.393	-0.039			3.2	111	08
15/01/24 20:25	-0.002	3.352	3.350	-0.139			3.0	107	10
15/01/24 20:30	-0.031	3.475	3.444	-0.189			3.0	107	09
15/01/24 20:35	-0.064	3.572	3.508	-0.204			2.7	112	12
15/01/24 20:40	0.045	3.619	3.663	-0.233			1.6	119	19
15/01/24 20:45	0.065	3.654	3.718	-0.158			3.7	113	08
15/01/24 20:50	0.049	3.505	3.554	-0.074			3.7	114	07
15/01/24 20:55	-0.013	3.311	3.298	-0.016			3.2	114	08
15/01/24 21:00	0.036	3.252	3.289	-0.093			2.8	112	07
15/01/24 21:05	0.121	3.194	3.314	-0.061			2.3	115	09
15/01/24 21:10	0.191	3.176	3.366	-0.084			2.6	113	08
15/01/24 21:15	0.191	3.246	3.437	-0.138			1.6	121	15
15/01/24 21:20	0.203	3.348	3.551	-0.107			1.9	100	14
15/01/24 21:25	0.280	3.572	3.853	-0.031			1.7	97	12
15/01/24 21:30	0.283	3.747	4.030	0.110			2.1	96	12
15/01/24 21:35	0.276	4.058	4.334	0.026			2.6	100	07
15/01/24 21:40	0.240	4.319	4.559	-0.123			2.1	107	08
15/01/24 21:45	0.262	4.409	4.671	-0.219			2.9	105	05
15/01/24 21:50	0.303	4.449	4.752	-0.259			2.3	108	07
15/01/24 21:55	0.176	4.518	4.694	-0.063			2.6	108	06
15/01/24 22:00	-0.008	4.607	4.599	-0.103			2.6	111	06
15/01/24 22:05	-0.120	4.720	4.599	-0.193			2.5	106	06
15/01/24 22:10	-0.123	4.818	4.695	-0.097			1.7	103	11
15/01/24 22:15	-0.190	5.002	4.812	-0.006			1.3	111	10
15/01/24 22:20	-0.169	5.159	4.990	-0.077			1.2	101	11
15/01/24 22:25	-0.026	5.220	5.194	-0.129			1.1	101	12
15/01/24 22:30	-0.033	5.324	5.292	-0.165			0.8	122	15
15/01/24 22:35	-0.156	5.433	5.277	-0.159			0.7	123	19
15/01/24 22:40	-0.025	5.473	5.449	-0.054			1.2	112	10
15/01/24 22:45	0.110	5.602	5.712	-0.090			0.8	114	12
15/01/24 22:50	0.173	5.782	5.955	-0.139			1.0	98	20
15/01/24 22:55	0.184	5.994	6.178	-0.084			1.0	95	14
15/01/24 23:00	0.148	6.152	6.301	-0.099			0.9	112	07
15/01/24 23:05	0.175	6.387	6.561	-0.030			1.0	115	09
15/01/24 23:10	0.245	6.572	6.817	-0.016			0.4	126	34
15/01/24 23:15	0.146	6.833	6.979	0.077			0.5	74	19
15/01/24 23:20	0.226	6.980	7.206	0.112			0.5	116	21
15/01/24 23:25	0.280	7.080	7.360	0.186			0.3	76	21
15/01/24 23:30	0.327	7.212	7.539	0.020			0.6	81	13
15/01/24 23:35	0.270	7.310	7.580	0.029			0.6	91	18
15/01/24 23:40	0.129	7.543	7.672	0.026			0.7	122	21
15/01/24 23:45	0.156	7.753	7.909	0.012			1.6	109	09
15/01/24 23:50	0.158	7.532	7.690				2.6	106	06
15/01/24 23:55	0.139	7.466	7.605				2.9	100	04
16/01/24 00:00	0.136	7.715	7.851	0.027			2.5	88	11
16/01/24 00:05	0.072	7.582	7.654	0.014			2.4	69	13
16/01/24 00:10	0.027	6.971	6.999	0.032			2.8	60	10
16/01/24 00:15	-0.044	6.423	6.379	0.048			1.9	66	19
16/01/24 00:20	0.045	5.939	5.983	0.015			1.9	81	14
16/01/24 00:25	0.110	5.454	5.564	0.029			1.6	73	17
16/01/24 00:30	0.015	5.132	5.146	-0.041			1.7	82	14
16/01/24 00:35	-0.075	4.872	4.797	-0.074			2.2	80	12
16/01/24 00:40	-0.077	4.488	4.412	-0.084			2.0	72	19
16/01/24 00:45	-0.024	4.183	4.159	-0.061			0.9	54	22
16/01/24 00:50	-0.054	3.980	3.926	-0.043			0.7	52	23
16/01/24 00:55	0.102	3.963	4.065	-0.019			0.5	351	50
16/01/24 01:00	0.279	4.153	4.432	0.057			1.0	321	18
16/01/24 01:05							1.7	294	14
16/01/24 01:10							1.3	292	18
16/01/24 01:15							1.2	275	22
16/01/24 01:20							0.7	308	36
16/01/24 01:25							0.5	267	25
16/01/24 01:30							0.9	276	18
16/01/24 01:35							1.6	278	10
16/01/24 01:40							1.2	279	11
16/01/24 01:45							0.9	286	13
16/01/24 01:50							1.1	306	11
16/01/24 01:55							0.5	311	30
16/01/24 02:00							0.6	302	28
16/01/24 02:05	7.731	14.365	22.096	0.036			1.2	291	20
16/01/24 02:10	8.811	13.874	22.684	-0.016			1.7	302	17

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/01/24 02:15	9.424	13.637	23.062	-0.018			1.5	303	11
16/01/24 02:20	9.919	13.842	23.761	0.076			1.1	336	26
16/01/24 02:25	9.816	14.245	24.061	0.165			1.2	341	32
16/01/24 02:30	8.917	14.231	23.147	0.197			2.6	332	21
16/01/24 02:35	5.209	15.459	20.668	0.179			2.9	335	27
16/01/24 02:40	0.833	11.201	12.034	0.140			3.2	332	25
16/01/24 02:45	0.206	6.869	7.075	0.251			3.1	328	28
16/01/24 02:50	0.193	6.112	6.305	0.170			3.4	316	31
16/01/24 02:55	0.333	5.659	5.991	0.122			3.5	325	22
16/01/24 03:00	0.341	5.298	5.639	0.087			2.9	317	38
16/01/24 03:05	0.190	4.911	5.102	0.002			3.1	326	29
16/01/24 03:10	0.098	4.657	4.756	0.087			2.5	340	32
16/01/24 03:15	0.242	4.472	4.714	0.156			2.7	347	29
16/01/24 03:20	0.270	4.519	4.789	0.180			1.9	348	26
16/01/24 03:25	0.244	4.734	4.978	0.188			2.5	360	33
16/01/24 03:30	0.241	4.633	4.874	0.146			2.6	0	28
16/01/24 03:35	0.176	4.517	4.693	0.092			2.6	354	35
16/01/24 03:40	0.264	4.466	4.730	0.094			2.2	14	29
16/01/24 03:45	0.206	4.522	4.728	0.118			2.9	5	19
16/01/24 03:50	0.090	4.615	4.705	0.070			2.7	12	18
16/01/24 03:55	0.158	4.834	4.992	-0.019			2.7	11	18
16/01/24 04:00	0.253	5.100	5.353	-0.037			2.5	20	21
16/01/24 04:05	0.288	5.164	5.452	-0.038			1.5	18	26
16/01/24 04:10	0.198	5.168	5.366	-0.012			1.8	13	25
16/01/24 04:15	0.249	4.959	5.208	0.007			2.1	13	25
16/01/24 04:20	0.328	4.792	5.120	-0.055			2.7	21	18
16/01/24 04:25	0.345	4.690	5.035	-0.082			3.4	17	15
16/01/24 04:30	0.360	4.783	5.143	-0.071			2.7	20	14
16/01/24 04:35	0.438	4.893	5.332	-0.021			2.9	11	23
16/01/24 04:40	0.461	4.934	5.394	-0.081			2.9	7	15
16/01/24 04:45	0.448	5.131	5.579	-0.032			2.1	16	24
16/01/24 04:50	0.579	5.502	6.081	-0.048			3.8	10	16
16/01/24 04:55	0.530	5.470	6.000	0.005			3.5	0	17
16/01/24 05:00	0.416	5.546	5.962	-0.044			3.3	2	20
16/01/24 05:05	0.399	5.788	6.187	-0.083			4.0	8	18
16/01/24 05:10	0.423	5.866	6.289	-0.039			3.7	10	16
16/01/24 05:15	0.460	6.207	6.668	-0.044			3.8	6	18
16/01/24 05:20	0.664	7.018	7.682	-0.138			2.9	1	25
16/01/24 05:25	1.361	9.166	10.527	-0.082			2.8	12	18
16/01/24 05:30	1.903	11.429	13.332	-0.009			3.9	7	19
16/01/24 05:35	1.996	10.937	12.933	0.052			3.9	7	16
16/01/24 05:40	1.958	9.984	11.941	0.082			4.4	9	14
16/01/24 05:45	1.717	9.073	10.789	0.130			4.2	10	17
16/01/24 05:50	1.740	8.814	10.554	0.051			3.8	6	18
16/01/24 05:55	1.779	8.805	10.584	0.017			3.0	5	18
16/01/24 06:00	1.911	8.801	10.712	0.026			3.6	2	23
16/01/24 06:05	1.979	8.551	10.530	-0.010			3.8	7	15
16/01/24 06:10	2.152	8.431	10.584	0.016			2.7	5	23
16/01/24 06:15	2.418	8.590	11.007	0.014			3.6	7	20
16/01/24 06:20	3.166	9.153	12.319	-0.008			3.8	5	19
16/01/24 06:25	3.918	9.528	13.446	-0.025			3.7	9	19
16/01/24 06:30	4.707	9.907	14.614	-0.056			3.8	6	16
16/01/24 06:35	5.577	10.126	15.703	-0.105			3.3	4	20
16/01/24 06:40	5.725	9.649	15.374	-0.103			3.5	9	22
16/01/24 06:45	5.530	8.757	14.287	-0.072			4.0	12	21
16/01/24 06:50	5.460	8.468	13.928	-0.022			3.1	16	18
16/01/24 06:55	5.434	8.282	13.715	0.003			3.8	23	18
16/01/24 07:00	5.777	8.205	13.981	-0.027			2.6	8	23
16/01/24 07:05	6.109	8.333	14.442	0.045			3.7	3	18
16/01/24 07:10	6.034	8.273	14.308	0.044			3.7	7	19
16/01/24 07:15	6.171	8.204	14.375	0.043			3.6	5	22
16/01/24 07:20	6.100	8.106	14.207	0.025			3.9	3	22
16/01/24 07:25	5.798	7.656	13.454	0.087			4.0	5	19
16/01/24 07:30	6.327	7.721	14.048	0.045			3.5	12	19
16/01/24 07:35	6.974	7.960	14.933	0.075			3.0	20	21
16/01/24 07:40	7.109	7.970	15.079	0.052			3.2	16	19
16/01/24 07:45	7.035	7.724	14.759	-0.031			3.8	14	21
16/01/24 07:50	7.013	7.751	14.764	-0.094			3.7	20	20
16/01/24 07:55	6.891	7.643	14.534	-0.205			4.9	5	19
16/01/24 08:00	6.176	7.102	13.279	-0.164			4.2	12	21
16/01/24 08:05	5.796	6.931	12.727	-0.063			4.5	10	24
16/01/24 08:10	5.806	6.847	12.652	-0.052			3.4	7	22
16/01/24 08:15	6.685	7.299	13.984	-0.042			3.1	3	29
16/01/24 08:20	7.003	7.508	14.510	-0.052			3.5	2	24
16/01/24 08:25	6.763	7.332	14.094	-0.125			5.3	11	20
16/01/24 08:30	5.901	6.461	12.361	-0.115			5.2	19	19
16/01/24 08:35	5.123	5.264	10.387	-0.150			4.3	21	16
16/01/24 08:40	4.625	4.469	9.094	-0.116			4.6	20	17
16/01/24 08:45	4.171	4.158	8.330	-0.092			5.0	25	15
16/01/24 08:50	3.955	4.121	8.077	-0.037			4.4	14	17
16/01/24 08:55	3.768	4.232	7.999	0.003			5.3	10	18
16/01/24 09:00	3.763	4.679	8.441	-0.022			3.2	18	22
16/01/24 09:05	3.872	4.978	8.850	-0.014			3.8	3	22
16/01/24 09:10	3.606	4.874	8.480	0.002			4.7	356	24
16/01/24 09:15	3.497	4.983	8.480	-0.082			4.2	14	20
16/01/24 09:20	3.687	5.360	9.047	-0.110			3.4	15	20
16/01/24 09:25	3.666	5.554	9.220	-0.107			3.9	22	18
16/01/24 09:30	3.615	5.498	9.113	-0.126			4.7	18	18
16/01/24 09:35	3.314	5.091	8.404	-0.075			3.8	10	28
16/01/24 09:40	3.293	4.966	8.259	-0.079			2.1	18	32
16/01/24 09:45	3.310	4.972	8.282	-0.115			4.5	10	19
16/01/24 09:50	3.168	4.870	8.038	-0.131			5.2	3	26
16/01/24 09:55	2.932	4.491	7.423	-0.108			4.0	18	21
16/01/24 10:00	2.893	4.465	7.359	-0.054			5.1	28	16
16/01/24 10:05	2.681	4.187	6.867	-0.069			4.4	39	19
16/01/24 10:10	2.740	4.299	7.039	-0.064			3.7	357	26
16/01/24 10:15	2.951	4.656	7.608	0.002			5.1	9	18
16/01/24 10:20	2.998	4.611	7.608	0.095			4.4	12	24
16/01/24 10:25	3.119	4.797	7.916	0.120			3.2	0	29
16/01/24 10:30	3.388	5.326	8.714	0.085			4.2	360	24
16/01/24 10:35	3.378	5.579	8.957	0.064			4.4	7	24
16/01/24 10:40	3.090	5.407	8.497	-0.038			3.2	342	32
16/01/24 10:45	2.923	5.231	8.154	-0.004			4.1	333	31
16/01/24 10:50	2.677	4.987	7.665	0.019			5.4	17	18
16/01/24 10:55	2.576	4.873	7.449	-0.019			4.3	351	32
16/01/24 11:00	2.677	4.869	7.546	-0.019			4.3	3	23

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/01/24 11:05	2.634	4.670	7.305	-0.025			4.7	8	20
16/01/24 11:10	2.425	4.531	6.956	0.041			4.2	14	20
16/01/24 11:15	2.544	4.732	7.276	0.073			3.9	1	31
16/01/24 11:20	2.574	4.752	7.327	0.063			2.5	360	44
16/01/24 11:25	2.569	4.844	7.413	-0.015			2.6	352	37
16/01/24 11:30	2.790	5.186	7.976	0.049			4.0	3	27
16/01/24 11:35	2.587	5.124	7.711	0.032			3.8	350	28
16/01/24 11:40	2.295	4.998	7.293	0.053			3.6	327	25
16/01/24 11:45	2.070	4.824	6.894	0.068			4.0	2	22
16/01/24 11:50	2.074	4.753	6.827	0.066			3.1	352	29
16/01/24 11:55	2.081	4.726	6.807	0.058			3.4	4	24
16/01/24 12:00	2.182	4.959	7.142	0.055			2.9	329	36
16/01/24 12:05	2.100	4.801	6.900	0.055			4.1	10	26
16/01/24 12:10	2.110	4.977	7.087	0.053			4.6	18	18
16/01/24 12:15	2.079	4.813	6.893	0.010			4.4	19	19
16/01/24 12:20	2.032	4.703	6.735	-0.097			3.1	334	37
16/01/24 12:25	2.059	4.757	6.815	-0.097			4.3	2	25
16/01/24 12:30	2.281	4.861	7.142	-0.003			5.0	24	17
16/01/24 12:35	2.433	4.753	7.186	0.071			4.7	16	19
16/01/24 12:40	2.593	5.017	7.609	0.085			4.3	22	21
16/01/24 12:45	2.707	5.237	7.944	0.146			3.4	347	32
16/01/24 12:50	2.608	5.086	7.694	0.167			4.4	12	25
16/01/24 12:55	2.314	4.884	7.198	0.128			3.2	344	31
16/01/24 13:00	2.240	4.893	7.132	0.120			4.2	358	24
16/01/24 13:05	2.248	4.977	7.226	0.159			4.6	18	22
16/01/24 13:10	2.444	5.060	7.504	0.160			3.9	12	17
16/01/24 13:15	2.577	5.124	7.701	0.196			4.5	34	18
16/01/24 13:20	2.546	5.030	7.576	0.214			5.0	33	16
16/01/24 13:25	2.409	4.926	7.335	0.218			5.1	26	19
16/01/24 13:30	2.156	4.588	6.744	0.171			6.3	36	14
16/01/24 13:35	1.904	4.266	6.171	0.098			4.7	29	16
16/01/24 13:40	1.800	4.223	6.023	0.153			4.4	12	25
16/01/24 13:45	1.769	4.284	6.053	0.183			5.2	15	19
16/01/24 13:50	1.887	4.595	6.482	0.256			4.0	15	22
16/01/24 13:55	1.873	4.649	6.523	0.241			3.5	1	25
16/01/24 14:00	1.787	4.772	6.559	0.192			2.4	6	30
16/01/24 14:05	2.023	5.052	7.075	0.233			3.7	8	22
16/01/24 14:10	2.057	5.106	7.163	0.233			3.6	31	28
16/01/24 14:15	1.885	5.066	6.951	0.217			5.9	32	15
16/01/24 14:20	1.770	4.862	6.632	0.181			4.7	34	16
16/01/24 14:25	1.711	4.665	6.376	0.153			5.0	24	18
16/01/24 14:30	1.746	4.698	6.444	0.141			4.5	17	21
16/01/24 14:35	1.865	4.801	6.665	0.103			3.5	351	38
16/01/24 14:40	1.757	4.596	6.353	0.115			3.8	351	35
16/01/24 14:45	1.870	4.608	6.478	0.147			3.3	12	22
16/01/24 14:50	1.844	4.930	6.774	0.080			4.8	23	23
16/01/24 14:55	1.699	4.592	6.291	0.090			4.4	23	14
16/01/24 15:00	1.750	4.758	6.507	0.117			3.6	355	31
16/01/24 15:05	1.835	5.051	6.886	0.128			2.3	357	42
16/01/24 15:10	1.639	4.884	6.523	0.080			3.9	19	25
16/01/24 15:15	1.652	4.954	6.606	0.055			3.9	25	21
16/01/24 15:20	1.495	4.798	6.293	0.072			3.8	14	24
16/01/24 15:25	1.437	4.850	6.287	0.056			2.9	15	34
16/01/24 15:30	1.449	4.948	6.397	0.018			3.3	351	31
16/01/24 15:35	1.367	4.820	6.187	0.071			3.7	357	29
16/01/24 15:40	1.365	4.704	6.069	0.037			4.0	15	24
16/01/24 15:45	1.546	4.876	6.423	-0.051			3.7	8	24
16/01/24 15:50	1.428	4.736	6.164	-0.045			4.5	10	20
16/01/24 15:55	1.404	4.787	6.191	-0.014			4.5	34	19
16/01/24 16:00	1.438	4.673	6.111	-0.045			3.6	28	27
16/01/24 16:05	1.399	4.568	5.967	0.020			4.1	7	33
16/01/24 16:10	1.324	4.531	5.855	0.058			3.7	2	25
16/01/24 16:15	1.420	4.561	5.981	0.041			3.1	18	28
16/01/24 16:20	1.524	4.644	6.168	0.023			4.5	22	23
16/01/24 16:25	1.392	4.296	5.687	0.036			3.7	8	23
16/01/24 16:30	1.249	4.214	5.463	0.097			3.1	342	32
16/01/24 16:35	1.178	4.504	5.682	0.135			3.1	312	23
16/01/24 16:40	1.251	4.921	6.173	0.263			2.3	331	33
16/01/24 16:45	1.232	4.982	6.214	0.285			5.0	17	17
16/01/24 16:50	1.030	4.644	5.674	0.224			3.3	352	29
16/01/24 16:55	0.895	4.551	5.446	0.182			4.0	319	25
16/01/24 17:00	0.872	4.409	5.281	0.132			3.6	326	24
16/01/24 17:05	0.844	4.215	5.058	0.120			3.5	312	25
16/01/24 17:10	0.879	4.004	4.883	0.211			4.0	319	28
16/01/24 17:15	0.775	3.829	4.604	0.118			3.3	317	23
16/01/24 17:20	0.791	4.206	4.997	0.068			2.9	321	30
16/01/24 17:25	0.866	4.264	5.130	0.055			2.7	345	28
16/01/24 17:30	0.961	4.529	5.490	0.068			2.5	331	34
16/01/24 17:35	0.969	5.058	6.027	0.055			3.4	330	28
16/01/24 17:40	0.902	5.447	6.349	0.111			3.8	333	27
16/01/24 17:45	0.863	5.322	6.185	0.174			3.5	321	27
16/01/24 17:50	0.896	5.082	5.978	0.249			3.1	340	27
16/01/24 17:55	0.932	4.984	5.915	0.279			4.0	4	25
16/01/24 18:00	0.909	5.159	6.068	0.328			2.8	359	30
16/01/24 18:05	0.987	5.442	6.428	0.325			3.3	354	30
16/01/24 18:10	1.037	5.340	6.377	0.248			2.9	14	22
16/01/24 18:15	0.881	5.023	5.904	0.152			3.3	20	25
16/01/24 18:20	0.762	4.683	5.446	0.087			3.0	6	27
16/01/24 18:25	0.684	4.770	5.455	0.057			3.2	354	25
16/01/24 18:30	0.695	4.850	5.545	0.036			2.2	2	33
16/01/24 18:35	0.714	5.090	5.804	0.069			3.5	359	30
16/01/24 18:40	0.750	5.536	6.286	0.038			2.1	351	33
16/01/24 18:45	0.700	5.954	6.654	0.051			2.3	339	31
16/01/24 18:50	0.801	6.352	7.153	0.063			2.1	343	35
16/01/24 18:55	0.992	6.160	7.152	0.014			2.5	351	30
16/01/24 19:00	0.997	6.029	7.026	0.025			2.6	0	28
16/01/24 19:05	1.032	5.828	6.859	0.120			4.3	5	21
16/01/24 19:10	0.932	5.793	6.725	0.056			1.8	346	35
16/01/24 19:15	0.885	5.931	6.816	0.026			3.4	355	25
16/01/24 19:20	0.812	5.848	6.660	0.011			3.5	7	25
16/01/24 19:25	0.833	5.885	6.718	0.095			4.1	2	19
16/01/24 19:30	0.861	6.165	7.025	-0.028			3.5	360	27
16/01/24 19:35	0.807	6.486	7.293	0.046			2.7	358	33
16/01/24 19:40	0.708	6.721	7.429	0.036			2.4	1	30
16/01/24 19:45	0.817	7.300	8.116	0.147			3.3	358	27
16/01/24 19:50	0.811	7.371	8.182	0.164			3.3	12	19

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/01/24 19:55	0.672	7.289	7.960	0.153			2.9	2	23
16/01/24 20:00	0.561	7.105	7.666	0.079			2.8	355	27
16/01/24 20:05	0.471	7.017	7.488	0.015			2.7	3	29
16/01/24 20:10	0.369	6.974	7.343	-0.070			2.7	353	32
16/01/24 20:15	0.411	6.987	7.397	-0.002			2.7	2	30
16/01/24 20:20	0.440	7.261	7.701	-0.033			3.4	6	23
16/01/24 20:25	0.507	7.196	7.704	-0.040			3.0	9	26
16/01/24 20:30	0.366	6.994	7.360	-0.007			3.1	2	23
16/01/24 20:35	0.297	6.946	7.244	-0.005			3.4	357	22
16/01/24 20:40	0.178	7.251	7.429	0.011			2.8	0	21
16/01/24 20:45	0.262	7.553	7.816	0.041			2.9	360	29
16/01/24 20:50	0.319	7.786	8.105	0.070			1.9	359	29
16/01/24 20:55	0.374	8.188	8.563	0.047			2.8	360	23
16/01/24 21:00	0.390	8.678	9.068	-0.001			3.1	3	21
16/01/24 21:05	0.283	8.963	9.246	0.000			3.3	1	27
16/01/24 21:10	0.356	8.778	9.135	0.051			2.5	355	25
16/01/24 21:15	0.403	8.638	9.041	0.092			2.5	359	27
16/01/24 21:20	0.317	8.302	8.618	0.064			2.7	356	28
16/01/24 21:25	0.233	7.839	8.072	-0.007			3.1	357	25
16/01/24 21:30	0.245	7.629	7.875	-0.005			2.9	351	24
16/01/24 21:35	0.180	7.323	7.503	-0.048			3.2	345	23
16/01/24 21:40	0.114	7.165	7.279	-0.038			2.9	357	24
16/01/24 21:45	0.003	7.182	7.185	0.013			2.6	348	31
16/01/24 21:50	0.010	7.323	7.333	-0.028			2.2	333	30
16/01/24 21:55	-0.092	7.088	6.996	-0.084			3.1	351	27
16/01/24 22:00	0.061	6.681	6.741	-0.039			2.5	344	32
16/01/24 22:05	-0.021	6.382	6.361	-0.026			2.1	334	37
16/01/24 22:10	0.003	6.214	6.217	-0.004			2.1	337	33
16/01/24 22:15	-0.064	6.252	6.188	-0.020			2.3	332	35
16/01/24 22:20	-0.048	6.326	6.278	0.054			3.1	323	21
16/01/24 22:25	-0.070	6.348	6.278	0.157			2.1	0	34
16/01/24 22:30	-0.045	6.471	6.426	0.227			1.9	354	34
16/01/24 22:35	0.003	6.585	6.588	0.156			3.3	1	22
16/01/24 22:40	0.031	6.537	6.568	0.174			2.6	357	23
16/01/24 22:45	-0.013	6.557	6.545	0.131			2.7	353	29
16/01/24 22:50	0.067	6.606	6.673	0.101			3.1	9	21
16/01/24 22:55	0.032	6.347	6.379	0.024			3.4	7	19
16/01/24 23:00	0.025	5.958	5.983	-0.023			2.8	8	25
16/01/24 23:05	0.059	5.503	5.562	-0.035			3.5	11	21
16/01/24 23:10	0.101	5.032	5.133	-0.046			3.3	11	16
16/01/24 23:15	0.029	4.938	4.967	0.004			3.4	15	16
16/01/24 23:20	0.034	4.863	4.897	0.044			2.8	23	20
16/01/24 23:25	0.070	4.663	4.733	-0.033			4.2	16	14
16/01/24 23:30	0.077	4.332	4.409	-0.030			3.4	14	20
16/01/24 23:35	0.120	4.109	4.229	-0.097			3.9	10	14
16/01/24 23:40	0.007	4.088	4.095	-0.016			2.4	10	23
16/01/24 23:45	-0.022	4.027	4.005	0.046			3.6	4	28
16/01/24 23:50	0.034	3.784	3.817				4.7	9	14
16/01/24 23:55	0.021	3.711	3.732				4.5	9	20
17/01/24 00:00	0.088	3.679	3.767	0.062			4.5	2	26
17/01/24 00:05	0.089	3.745	3.833	0.110			4.4	5	21
17/01/24 00:10	0.117	3.977	4.094	0.183			3.6	358	21
17/01/24 00:15	0.247	4.413	4.659	0.209			2.8	350	28
17/01/24 00:20	0.416	5.036	5.453	0.187			2.8	1	27
17/01/24 00:25	0.326	5.941	6.267	0.099			2.8	357	27
17/01/24 00:30	0.242	6.512	6.754	0.072			2.9	360	25
17/01/24 00:35	0.173	6.342	6.515	0.000			3.3	355	32
17/01/24 00:40	-0.015	6.012	5.997	-0.001			2.8	345	24
17/01/24 00:45	-0.049	6.073	6.024	0.082			3.4	4	21
17/01/24 00:50	-0.056	5.878	5.821	0.133			3.2	7	20
17/01/24 00:55	-0.025	5.882	5.857	0.181			2.7	1	27
17/01/24 01:00	0.020	6.366	6.386	0.231			2.9	337	30
17/01/24 01:05							3.9	356	25
17/01/24 01:10							3.5	359	22
17/01/24 01:15							3.5	4	30
17/01/24 01:20							3.9	4	20
17/01/24 01:25							4.2	5	24
17/01/24 01:30							3.6	3	23
17/01/24 01:35							3.4	8	23
17/01/24 01:40							4.4	9	22
17/01/24 01:45							3.3	4	29
17/01/24 01:50							3.9	9	17
17/01/24 01:55							4.0	8	30
17/01/24 02:00							4.3	4	30
17/01/24 02:05	0.142	5.300	5.443	0.264			4.3	10	23
17/01/24 02:10	0.172	4.932	5.104	0.304			4.7	6	17
17/01/24 02:15	0.168	4.609	4.777	0.328			4.1	360	22
17/01/24 02:20	0.056	4.482	4.538	0.285			4.9	10	16
17/01/24 02:25	0.044	4.164	4.208	0.291			5.0	1	16
17/01/24 02:30	0.013	3.924	3.938	0.248			4.6	15	23
17/01/24 02:35	-0.079	4.023	3.944	0.286			3.5	4	20
17/01/24 02:40	-0.005	4.230	4.225	0.337			3.7	2	26
17/01/24 02:45	0.020	4.456	4.475	0.440			4.0	7	24
17/01/24 02:50	0.054	4.483	4.537	0.406			4.4	5	18
17/01/24 02:55	0.082	4.488	4.569	0.288			5.5	12	13
17/01/24 03:00	0.036	4.168	4.204	0.280			5.8	6	16
17/01/24 03:05	0.070	3.811	3.881	0.317			5.1	9	15
17/01/24 03:10	0.089	3.518	3.607	0.326			4.9	8	20
17/01/24 03:15	0.114	3.324	3.437	0.228			5.1	10	19
17/01/24 03:20	0.018	3.245	3.263	0.226			4.5	359	21
17/01/24 03:25	0.012	3.105	3.117	0.214			4.9	7	19
17/01/24 03:30	-0.042	3.245	3.202	0.158			4.0	4	20
17/01/24 03:35	0.001	3.532	3.533	0.145			4.7	2	20
17/01/24 03:40	0.128	3.771	3.898	0.190			4.3	0	20
17/01/24 03:45	0.139	4.063	4.202	0.205			4.5	4	22
17/01/24 03:50	0.096	4.367	4.463	0.199			3.6	4	27
17/01/24 03:55	0.019	4.802	4.821	0.130			3.4	351	24
17/01/24 04:00	-0.034	5.065	5.030	0.153			4.2	354	26
17/01/24 04:05	0.024	5.188	5.212	0.206			4.0	7	32
17/01/24 04:10	0.072	5.118	5.191	0.209			3.9	6	23
17/01/24 04:15	0.124	5.302	5.426	0.179			3.0	340	31
17/01/24 04:20	0.293	5.266	5.559	0.183			3.4	353	31
17/01/24 04:25	0.531	5.292	5.823	0.200			5.3	4	18
17/01/24 04:30	0.488	5.156	5.644	0.200			4.6	8	20
17/01/24 04:35	0.460	5.325	5.785	0.273			4.5	12	18
17/01/24 04:40	0.408	5.565	5.973	0.269			4.7	11	19

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/01/24 04:45	0.320	5.604	5.925	0.303			4.9	16	19
17/01/24 04:50	0.216	5.536	5.752	0.302			4.4	11	21
17/01/24 04:55	0.226	5.544	5.771	0.256			4.8	11	15
17/01/24 05:00	0.134	5.713	5.847	0.299			4.3	13	22
17/01/24 05:05	0.141	5.947	6.088	0.298			4.8	9	18
17/01/24 05:10	0.134	6.298	6.432	0.292			5.2	8	18
17/01/24 05:15	0.114	6.637	6.751	0.317			4.5	13	15
17/01/24 05:20	0.159	7.111	7.270	0.304			4.4	10	17
17/01/24 05:25	0.194	7.474	7.667	0.362			5.1	9	18
17/01/24 05:30	0.172	7.345	7.517	0.358			4.1	12	24
17/01/24 05:35	0.292	7.415	7.706	0.291			4.9	15	17
17/01/24 05:40	0.452	7.952	8.404	0.269			4.7	23	16
17/01/24 05:45	0.432	7.798	8.229	0.307			3.9	11	21
17/01/24 05:50	0.387	7.454	7.841	0.317			3.3	348	31
17/01/24 05:55	0.356	7.115	7.471	0.339			2.9	352	29
17/01/24 06:00	0.447	7.962	8.409	0.288			3.8	9	16
17/01/24 06:05	0.565	8.788	9.353	0.310			3.7	3	31
17/01/24 06:10	0.701	9.779	10.479	0.379			3.2	5	24
17/01/24 06:15	0.793	10.590	11.383	0.408			4.0	3	24
17/01/24 06:20	0.801	10.938	11.739	0.352			3.2	5	22
17/01/24 06:25	0.910	11.312	12.223	0.368			2.5	326	29
17/01/24 06:30	0.927	11.534	12.461	0.364			4.0	306	15
17/01/24 06:35	1.038	12.246	13.285	0.451			3.2	288	20
17/01/24 06:40	1.053	12.729	13.781	0.499			3.0	296	18
17/01/24 06:45	0.927	12.241	13.167	0.524			3.1	296	14
17/01/24 06:50	0.870	11.907	12.777	0.436			3.5	283	17
17/01/24 06:55	0.845	11.819	12.664	0.411			3.8	282	12
17/01/24 07:00	0.748	11.870	12.618	0.501			4.2	280	12
17/01/24 07:05	0.863	12.125	12.988	0.386			5.1	268	10
17/01/24 07:10	1.027	10.143	11.170	0.239			5.8	233	05
17/01/24 07:15	0.759	4.191	4.951	0.185			4.8	241	05
17/01/24 07:20	0.686	3.453	4.138	0.138			5.0	240	04
17/01/24 07:25	0.554	2.936	3.491	0.179			4.7	236	06
17/01/24 07:30	0.722	4.602	5.324	0.178			4.0	259	07
17/01/24 07:35	0.879	9.398	10.277	0.138			3.3	255	07
17/01/24 07:40	0.971	11.087	12.058	0.081			2.5	259	12
17/01/24 07:45	1.220	12.194	13.414	0.105			3.3	264	08
17/01/24 07:50	1.253	10.936	12.188	0.114			2.4	257	08
17/01/24 07:55	1.191	9.887	11.078	0.204			1.2	307	18
17/01/24 08:00	1.005	8.404	9.409	0.252			0.8	285	35
17/01/24 08:05	0.879	8.407	9.285	0.241			1.5	249	08
17/01/24 08:10	0.818	9.131	9.949	0.270			1.2	263	13
17/01/24 08:15	0.892	10.172	11.064	0.306			1.9	260	11
17/01/24 08:20	1.854	14.585	16.439	0.318			2.1	248	08
17/01/24 08:25	4.026	26.484	30.510	0.276			1.9	237	11
17/01/24 08:30	5.311	20.003	25.315	0.304			3.0	243	05
17/01/24 08:35	3.571	12.445	16.016	0.310			4.8	259	10
17/01/24 08:40	2.764	9.624	12.388	0.291			5.6	260	07
17/01/24 08:45	2.462	10.746	13.208	0.386			4.1	252	06
17/01/24 08:50	2.678	12.154	14.833	0.336			4.2	254	06
17/01/24 08:55	3.452	14.007	17.458	0.304			4.9	264	07
17/01/24 09:00	3.395	13.975	17.370	0.343			4.0	253	05
17/01/24 09:05	3.356	14.054	17.411	0.306			3.2	259	07
17/01/24 09:10	3.525	15.668	19.192	0.383			3.0	258	09
17/01/24 09:15	3.512	15.250	18.762	0.426			2.3	246	13
17/01/24 09:20	3.369	14.029	17.398	0.307			1.6	255	23
17/01/24 09:25	3.269	6.238	9.506	0.269			4.5	225	05
17/01/24 09:30	2.547	0.463	3.010	0.221			5.1	224	04
17/01/24 09:35	1.981	0.815	2.795	0.228			5.6	231	04
17/01/24 09:40	1.630	1.121	2.751	0.244			5.5	232	04
17/01/24 09:45	1.321	1.452	2.773	0.218			5.6	234	06
17/01/24 09:50	1.016	1.567	2.582	0.246			5.4	236	07
17/01/24 09:55	0.780	1.638	2.418	0.333			6.0	229	05
17/01/24 10:00	0.664	1.623	2.286	0.419			6.3	227	06
17/01/24 10:05	0.404	1.642	2.047	0.405			7.1	234	05
17/01/24 10:10	0.290	1.673	1.963	0.370			6.9	236	07
17/01/24 10:15	0.391	1.655	2.046	0.403			6.0	240	07
17/01/24 10:20	0.421	1.735	2.156	0.366			5.7	238	05
17/01/24 10:25	0.424	1.715	2.139	0.423			5.6	240	06
17/01/24 10:30	0.446	1.745	2.191	0.451			6.0	237	04
17/01/24 10:35	0.469	1.633	2.103	0.413			5.6	236	05
17/01/24 10:40	0.639	1.770	2.409	0.466			5.1	238	08
17/01/24 10:45	0.891	1.918	2.808	0.450			5.4	240	07
17/01/24 10:50	1.031	2.059	3.089	0.425			5.0	240	09
17/01/24 10:55	1.115	2.329	3.443	0.419			4.7	238	09
17/01/24 11:00	1.232	2.607	3.839	0.356			5.8	234	07
17/01/24 11:05	1.277	2.244	3.521	0.348			7.7	231	05
17/01/24 11:10	0.840	2.048	2.888	0.279			8.5	233	04
17/01/24 11:15	0.617	1.994	2.612	0.291			7.9	232	05
17/01/24 11:20	0.514	1.876	2.390	0.311			7.4	237	07
17/01/24 11:25	0.552	1.693	2.245	0.285			6.1	235	05
17/01/24 11:30	0.542	1.895	2.437	0.263			5.9	244	07
17/01/24 11:35	0.749	2.338	3.087	0.241			5.0	240	07
17/01/24 11:40	1.123	2.866	3.989	0.284			5.1	243	10
17/01/24 11:45	1.188	2.939	4.127	0.332			6.6	245	08
17/01/24 11:50	1.292	3.073	4.365	0.395			4.5	239	09
17/01/24 11:55	1.134	2.918	4.051	0.340			4.1	238	07
17/01/24 12:00	0.940	2.614	3.554	0.384			3.8	225	07
17/01/24 12:05	0.810	2.426	3.236	0.366			3.3	224	06
17/01/24 12:10	0.802	2.358	3.160	0.357			3.5	230	10
17/01/24 12:15	1.976	3.353	5.329	0.366			3.7	240	08
17/01/24 12:20	1.779	2.671	4.449	0.450			4.1	241	09
17/01/24 12:25	1.567	2.143	3.711	0.572			4.4	229	07
17/01/24 12:30	1.163	1.940	3.104	0.659			4.7	226	06
17/01/24 12:35	0.921	1.880	2.801	0.652			4.4	225	06
17/01/24 12:40	0.852	1.831	2.682	0.668			4.3	215	09
17/01/24 12:45	1.671	3.628	5.299	0.649			4.5	214	10
17/01/24 12:50	2.606	3.407	6.013	0.550			3.5	204	10
17/01/24 12:55	14.166	7.367	21.532	0.597			4.0	204	10
17/01/24 13:00	3.505	5.712	9.217	0.617			3.3	202	12
17/01/24 13:05	5.312	4.694	10.006	0.705			3.1	196	12
17/01/24 13:10	2.166	2.041	4.207	0.748			3.1	195	11
17/01/24 13:15	0.458	1.436	1.893	0.745			2.0	175	22
17/01/24 13:20	0.448	1.230	1.678	0.674			2.4	180	18
17/01/24 13:25	0.297	1.196	1.493	0.728			2.0	179	22
17/01/24 13:30	0.218	1.194	1.412	0.755			2.0	172	23

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/01/24 13:35	0.228	1.022	1.250	0.698			2.4	184	18
17/01/24 13:40	0.314	1.142	1.456	0.726			2.8	186	14
17/01/24 13:45	0.452	1.236	1.688	0.671			3.0	184	16
17/01/24 13:50	0.590	1.341	1.931	0.671			3.3	185	14
17/01/24 13:55	0.608	1.528	2.136	0.630			3.2	185	15
17/01/24 14:00	0.601	1.611	2.212	0.653			3.2	187	18
17/01/24 14:05	0.978	1.645	2.623	0.620			3.1	183	19
17/01/24 14:10	1.312	1.508	2.820	0.510			3.1	176	20
17/01/24 14:15	0.793	1.058	1.851	0.393			3.4	190	13
17/01/24 14:20	0.550	0.972	1.522	0.387			3.8	190	15
17/01/24 14:25	0.361	0.894	1.254	0.509			4.2	191	12
17/01/24 14:30	0.262	0.834	1.096	0.548			5.0	189	11
17/01/24 14:35	0.290	0.782	1.072	0.629			4.1	187	10
17/01/24 14:40	0.302	0.741	1.043	0.635			3.1	184	18
17/01/24 14:45	0.236	0.679	0.915	0.544			2.9	183	19
17/01/24 14:50	0.200	0.714	0.913	0.501			3.4	178	16
17/01/24 14:55	0.239	0.672	0.911	0.488			3.8	192	14
17/01/24 15:00	0.309	0.650	0.959	0.459			3.4	190	13
17/01/24 15:05	0.252	0.700	0.952	0.457			3.6	189	13
17/01/24 15:10	0.272	0.929	1.201	0.474			3.5	186	12
17/01/24 15:15	0.210	0.826	1.036	0.521			3.7	188	13
17/01/24 15:20	0.229	0.736	0.964	0.527			3.9	189	11
17/01/24 15:25	0.258	0.641	0.899	0.455			4.1	191	12
17/01/24 15:30	0.283	0.653	0.936	0.345			3.9	188	14
17/01/24 15:35	0.371	0.731	1.102	0.283			3.9	189	10
17/01/24 15:40	0.302	0.729	1.031	0.269			4.1	190	12
17/01/24 15:45	0.209	0.756	0.965	0.262			4.2	187	13
17/01/24 15:50	0.112	0.795	0.907	0.269			4.2	190	10
17/01/24 15:55	0.151	0.881	1.032	0.236			3.5	187	13
17/01/24 16:00	0.567	1.265	1.831	0.229			3.0	185	18
17/01/24 16:05	1.148	1.629	2.777	0.179			2.9	180	16
17/01/24 16:10	1.202	1.450	2.652	0.213			2.4	172	23
17/01/24 16:15	1.273	1.415	2.687	0.303			2.1	170	27
17/01/24 16:20	1.126	0.821	1.947	0.375			1.9	161	28
17/01/24 16:25	1.049	1.011	2.060	0.380			2.2	161	26
17/01/24 16:30	0.648	0.609	1.257	0.424			1.5	159	30
17/01/24 16:35	0.523	0.553	1.076	0.371			1.9	165	25
17/01/24 16:40	0.134	0.796	0.930	0.365			1.9	160	25
17/01/24 16:45	0.199	0.797	0.996	0.399			2.2	182	22
17/01/24 16:50	0.249	0.767	1.016	0.402			1.8	166	25
17/01/24 16:55	0.242	0.666	0.908	0.356			1.8	163	24
17/01/24 17:00	0.303	0.624	0.928	0.408			2.0	179	17
17/01/24 17:05	0.570	0.808	1.378	0.318			1.9	165	27
17/01/24 17:10	0.864	0.967	1.831	0.326			2.2	181	21
17/01/24 17:15	0.955	0.972	1.927	0.293			2.5	177	16
17/01/24 17:20	0.773	0.846	1.619	0.287			2.4	182	17
17/01/24 17:25	0.806	1.031	1.836	0.309			2.5	175	18
17/01/24 17:30	0.978	1.425	2.403	0.364			2.2	171	22
17/01/24 17:35	1.029	2.006	3.035	0.333			2.4	182	14
17/01/24 17:40	1.169	2.643	3.812	0.237			2.6	180	16
17/01/24 17:45	1.028	2.258	3.286	0.199			2.2	180	15
17/01/24 17:50	0.521	1.993	2.514	0.242			2.2	180	16
17/01/24 17:55	0.226	1.463	1.689	0.336			2.5	178	17
17/01/24 18:00	0.255	1.689	1.944	0.328			2.3	179	14
17/01/24 18:05	0.374	1.876	2.250	0.287			1.9	179	17
17/01/24 18:10	0.364	1.944	2.308	0.235			1.8	178	22
17/01/24 18:15	0.286	2.018	2.304	0.202			1.5	171	29
17/01/24 18:20	0.264	2.139	2.403	0.199			1.6	165	24
17/01/24 18:25	0.329	2.515	2.844	0.274			1.8	176	29
17/01/24 18:30	0.311	2.722	3.033	0.331			2.9	210	10
17/01/24 18:35	0.130	2.664	2.794	0.384			4.7	209	06
17/01/24 18:40	0.133	2.497	2.629	0.393			4.2	221	09
17/01/24 18:45	0.224	2.282	2.506	0.349			4.6	235	07
17/01/24 18:50	0.386	1.975	2.361	0.310			7.4	227	06
17/01/24 18:55	0.280	1.739	2.019	0.334			6.0	233	09
17/01/24 19:00	0.279	1.994	2.273	0.329			5.8	238	06
17/01/24 19:05	0.463	2.332	2.795	0.286			5.8	238	08
17/01/24 19:10	0.430	2.231	2.661	0.297			5.1	240	09
17/01/24 19:15	0.338	2.339	2.677	0.429			6.1	231	04
17/01/24 19:20	0.252	1.894	2.146	0.390			4.7	230	11
17/01/24 19:25	0.263	1.805	2.068	0.356			5.1	248	08
17/01/24 19:30	0.469	2.737	3.206	0.366			5.4	254	10
17/01/24 19:35	0.484	3.061	3.545	0.343			5.5	237	12
17/01/24 19:40	0.482	2.951	3.433	0.286			5.8	261	07
17/01/24 19:45	0.666	4.382	5.048	0.231			4.7	254	05
17/01/24 19:50	0.817	7.189	8.005	0.347			4.5	259	08
17/01/24 19:55	0.770	5.791	6.561	0.360			4.9	261	10
17/01/24 20:00	0.741	4.158	4.898	0.379			4.8	270	11
17/01/24 20:05	0.992	6.240	7.233	0.373			5.0	259	07
17/01/24 20:10	1.010	8.720	9.730	0.397			5.0	265	08
17/01/24 20:15	0.838	7.547	8.385	0.361			4.7	268	09
17/01/24 20:20	0.795	7.429	8.224	0.275			4.9	266	07
17/01/24 20:25	0.838	7.889	8.727	0.248			5.0	258	06
17/01/24 20:30	0.822	7.834	8.656	0.284			4.8	258	08
17/01/24 20:35	0.910	7.815	8.726	0.327			4.5	261	09
17/01/24 20:40	0.831	7.538	8.369	0.351			5.0	262	10
17/01/24 20:45	0.798	7.399	8.197	0.348			5.2	264	07
17/01/24 20:50	0.750	7.087	7.837	0.336			4.8	257	12
17/01/24 20:55	0.744	7.089	7.833	0.364			5.0	264	12
17/01/24 21:00	0.782	6.925	7.707	0.391			5.3	255	12
17/01/24 21:05	0.842	6.742	7.584	0.304			5.4	263	13
17/01/24 21:10	1.270	7.386	8.656	0.253			6.2	264	08
17/01/24 21:15	1.758	8.599	10.358	0.304			6.8	260	09
17/01/24 21:20	1.768	8.232	10.000	0.283			7.2	258	08
17/01/24 21:25	1.740	7.696	9.436	0.306			7.5	257	06
17/01/24 21:30	1.932	7.691	9.623	0.418			6.9	255	08
17/01/24 21:35	2.249	7.895	10.144	0.458			7.7	254	07
17/01/24 21:40	2.109	7.897	10.006	0.415			7.8	255	05
17/01/24 21:45	1.966	8.216	10.182	0.267			7.3	259	05
17/01/24 21:50	1.934	8.696	10.630	0.243			7.9	260	05
17/01/24 21:55	1.795	8.210	10.005	0.327			7.8	261	06
17/01/24 22:00	1.498	7.750	9.248	0.325			6.4	263	06
17/01/24 22:05	1.250	7.790	9.040	0.279			6.7	257	08
17/01/24 22:10	1.522	8.294	9.815	0.254			6.4	255	08
17/01/24 22:15	1.618	8.360	9.978	0.267			7.4	259	07
17/01/24 22:20	1.518	8.036	9.554	0.215			7.0	258	08

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
17/01/24 22:25	1.381	7.676	9.057	0.116			6.9	260	06
17/01/24 22:30	1.269	7.582	8.851	0.175			6.8	264	05
17/01/24 22:35	1.098	7.379	8.477	0.164			6.1	268	07
17/01/24 22:40	0.921	7.065	7.986	0.144			6.5	266	09
17/01/24 22:45	0.837	6.876	7.712	0.134			7.1	262	09
17/01/24 22:50	0.838	6.873	7.711	0.173			7.6	259	06
17/01/24 22:55	0.952	7.191	8.143	0.196			7.1	265	08
17/01/24 23:00	0.884	7.334	8.218	0.217			7.1	265	09
17/01/24 23:05	0.860	7.341	8.201	0.328			7.2	264	06
17/01/24 23:10	1.073	7.438	8.511	0.352			8.1	263	06
17/01/24 23:15	1.101	7.046	8.147	0.296			8.1	264	07
17/01/24 23:20	0.965	6.329	7.293	0.157			7.6	263	06
17/01/24 23:25	0.897	5.488	6.385	0.078			7.6	264	05
17/01/24 23:30	0.822	4.933	5.755	0.042			7.3	262	06
17/01/24 23:35	0.820	4.584	5.403	0.017			6.9	262	07
17/01/24 23:40	0.762	4.449	5.211	0.028			6.7	270	07
17/01/24 23:45	0.814	4.422	5.235	0.105			6.2	269	07
17/01/24 23:50	0.864	4.250	5.114				5.4	270	10
17/01/24 23:55	0.825	4.219	5.045				5.0	272	11
18/01/24 00:00	0.714	4.188	4.902	0.096			5.8	268	08
18/01/24 00:05	0.585	4.097	4.682	0.096			4.5	272	11
18/01/24 00:10	0.545	4.183	4.727	0.043			3.6	275	13
18/01/24 00:15	0.335	4.470	4.805	0.125			2.7	277	15
18/01/24 00:20	0.740	5.736	6.476	0.154			3.3	274	13
18/01/24 00:25	1.013	7.171	8.183	0.114			3.9	277	14
18/01/24 00:30	0.797	5.687	6.484	-0.003			3.5	279	15
18/01/24 00:35	0.800	8.551	9.351	0.053			3.9	284	13
18/01/24 00:40	1.700	16.163	17.863	0.189			3.7	289	15
18/01/24 00:45	2.224	15.051	17.274	0.227			3.1	288	16
18/01/24 00:50	2.840	14.747	17.587	0.309			2.1	290	15
18/01/24 00:55	3.554	14.954	18.508	0.372			2.4	279	21
18/01/24 01:00	4.246	14.873	19.119	0.430			3.5	276	14
18/01/24 01:05							4.0	280	13
18/01/24 01:10							4.2	280	11
18/01/24 01:15							3.8	279	11
18/01/24 01:20							3.4	287	16
18/01/24 01:25							2.9	285	19
18/01/24 01:30							2.8	284	16
18/01/24 01:35							3.2	290	12
18/01/24 01:40							3.0	291	16
18/01/24 01:45							2.6	289	19
18/01/24 01:50							2.8	283	17
18/01/24 01:55							1.7	308	24
18/01/24 02:00							2.0	297	19
18/01/24 02:05	3.273	12.275	15.548				2.5	293	22
18/01/24 02:10	2.745	7.603	10.348				2.3	294	15
18/01/24 02:15	2.106	5.092	7.199				2.1	292	15
18/01/24 02:20	1.671	5.604	7.275				1.9	289	19
18/01/24 02:25	1.402	6.860	8.262				1.7	304	19
18/01/24 02:30	1.262	7.351	8.612				1.8	300	15
18/01/24 02:35	1.241	7.788	9.029				2.2	291	21
18/01/24 02:40	1.251	8.433	9.685				2.0	289	22
18/01/24 02:45	1.272	8.733	10.005	0.228			2.6	290	17
18/01/24 02:50	1.167	8.888	10.055	0.335			3.0	292	14
18/01/24 02:55	1.267	8.994	10.262	0.379			2.9	290	17
18/01/24 03:00	1.466	9.459	10.925	0.419			2.6	288	17
18/01/24 03:05	1.740	9.836	11.576	0.406			2.5	295	19
18/01/24 03:10	1.843	10.152	11.994	0.445			1.8	294	20
18/01/24 03:15	1.527	9.930	11.457	0.472			1.4	296	23
18/01/24 03:20	1.338	9.661	10.999	0.449			1.9	299	22
18/01/24 03:25	1.407	9.801	11.208	0.343			2.6	297	15
18/01/24 03:30	1.713	10.429	12.142	0.413			1.9	290	20
18/01/24 03:35	2.113	10.841	12.955	0.454			3.0	291	15
18/01/24 03:40	2.587	11.320	13.907	0.417			2.4	300	19
18/01/24 03:45	2.864	11.627	14.491	0.424			2.7	288	15
18/01/24 03:50	3.138	11.850	14.988	0.495			3.1	289	14
18/01/24 03:55	3.283	11.990	15.273	0.452			2.7	290	16
18/01/24 04:00	3.674	12.442	16.116	0.475			2.9	290	14
18/01/24 04:05	3.982	12.488	16.470	0.479			3.0	287	15
18/01/24 04:10	3.852	12.264	16.116	0.487			2.7	287	17
18/01/24 04:15	3.603	11.924	15.528	0.481			2.5	290	17
18/01/24 04:20	3.097	11.673	14.770	0.380			3.1	291	15
18/01/24 04:25	3.866	12.158	16.024	0.418			2.4	293	14
18/01/24 04:30	6.939	15.616	22.555	0.487			1.8	295	18
18/01/24 04:35	8.225	15.758	23.983	0.420			2.3	298	12
18/01/24 04:40	7.038	14.127	21.165	0.446			2.1	294	16
18/01/24 04:45	6.108	14.114	20.223	0.395			2.0	296	19
18/01/24 04:50	5.851	13.949	19.800	0.377			2.4	292	17
18/01/24 04:55	5.841	13.938	19.779	0.409			2.8	294	16
18/01/24 05:00	6.182	14.149	20.331	0.371			2.5	294	11
18/01/24 05:05	6.643	14.358	21.001	0.375			2.4	292	16
18/01/24 05:10	7.811	14.834	22.645	0.492			2.2	300	20
18/01/24 05:15	8.213	15.109	23.322	0.484			2.8	295	16
18/01/24 05:20	8.878	15.601	24.478	0.497			2.6	293	15
18/01/24 05:25	10.045	16.051	26.095	0.511			2.7	290	17
18/01/24 05:30	12.154	16.451	28.605	0.514			2.5	285	17
18/01/24 05:35	16.019	17.424	33.443	0.519			3.5	296	16
18/01/24 05:40	18.901	17.011	35.912	0.507			2.9	295	18
18/01/24 05:45	19.905	16.869	36.774	0.531			2.9	293	14
18/01/24 05:50	22.195	16.950	39.145	0.537			3.0	295	11
18/01/24 05:55	26.738	18.099	44.837	0.619			3.2	294	15
18/01/24 06:00	28.854	17.062	45.916	0.763			3.3	294	12
18/01/24 06:05	28.058	16.400	44.458	0.809			3.7	289	14
18/01/24 06:10	26.637	16.104	42.741	0.864			3.3	295	14
18/01/24 06:15	27.182	17.031	44.213	0.885			3.9	290	15
18/01/24 06:20	27.744	17.059	44.803	0.976			3.7	286	16
18/01/24 06:25	27.327	15.621	42.948	1.038			4.5	291	14
18/01/24 06:30	24.400	14.233	38.633	1.086			4.6	288	16
18/01/24 06:35	28.339	13.541	41.880	1.059			3.9	286	18
18/01/24 06:40	26.009	12.978	38.987	0.975			3.8	283	18
18/01/24 06:45	23.119	13.303	36.422	1.023			3.8	283	18
18/01/24 06:50	24.620	13.859	38.479	1.126			4.7	284	15
18/01/24 06:55	14.469	10.706	25.176	1.102			5.2	283	13
18/01/24 07:00	11.415	9.451	20.866	1.064			5.2	279	15
18/01/24 07:05	10.897	8.449	19.346	1.077			5.5	286	15
18/01/24 07:10	8.004	5.326	13.329	0.911			5.3	282	15

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/01/24 07:15	7.327	6.055	13.382	0.858			6.5	280	13
18/01/24 07:20	6.714	5.707	12.421	0.867			5.9	281	11
18/01/24 07:25	6.241	5.786	12.027	0.746			6.4	277	12
18/01/24 07:30	5.728	5.285	11.013	0.691			6.3	276	12
18/01/24 07:35	5.224	4.669	9.893	0.655			5.8	285	13
18/01/24 07:40	4.717	4.097	8.814	0.586			8.0	265	11
18/01/24 07:45	4.167	3.210	7.377	0.573			6.6	278	11
18/01/24 07:50	3.647	2.389	6.035	0.595			5.9	283	12
18/01/24 07:55	3.667	2.798	6.465	0.569			5.3	283	15
18/01/24 08:00	3.773	3.227	6.999	0.536			7.5	274	11
18/01/24 08:05	3.531	3.143	6.675	0.352			9.8	268	06
18/01/24 08:10	3.366	3.059	6.425	0.337			8.5	270	08
18/01/24 08:15	3.291	3.184	6.475	0.395			9.9	259	05
18/01/24 08:20	3.299	3.326	6.625	0.450			8.5	271	09
18/01/24 08:25	3.178	3.213	6.392	0.313			9.2	269	08
18/01/24 08:30	2.891	3.001	5.892	0.243			9.1	259	09
18/01/24 08:35	2.742	2.865	5.607	0.184			9.4	261	09
18/01/24 08:40	2.688	2.844	5.531	0.210			8.0	271	09
18/01/24 08:45	2.411	2.636	5.047	0.187			8.8	272	08
18/01/24 08:50	2.056	2.393	4.449	0.101			9.4	268	07
18/01/24 08:55	1.882	2.322	4.204	0.089			8.3	260	10
18/01/24 09:00	1.904	2.444	4.348	0.137			6.7	274	12
18/01/24 09:05	1.916	2.532	4.447	0.101			6.6	278	12
18/01/24 09:10	1.877	2.459	4.336	0.141			9.5	262	08
18/01/24 09:15	1.867	2.549	4.416	0.144			7.7	269	14
18/01/24 09:20	1.724	2.717	4.441	0.183			9.4	266	13
18/01/24 09:25	1.691	2.744	4.436	0.120			8.9	260	07
18/01/24 09:30	1.558	2.721	4.279	0.077			6.7	267	07
18/01/24 09:35	1.436	2.991	4.427	0.044			8.0	263	10
18/01/24 09:40	1.321	3.058	4.379	0.064			7.9	263	08
18/01/24 09:45	1.384	3.316	4.700	0.087			7.7	275	08
18/01/24 09:50	1.500	3.259	4.758	0.120			7.7	268	07
18/01/24 09:55	1.746	3.256	5.002	0.117			8.5	267	11
18/01/24 10:00	1.850	3.146	4.996	0.083			7.0	281	13
18/01/24 10:05	1.943	3.125	5.068	0.101			8.4	272	08
18/01/24 10:10	2.000	2.883	4.882	0.053			8.5	272	10
18/01/24 10:15	1.925	2.878	4.803	-0.003			6.8	273	11
18/01/24 10:20	1.876	3.247	5.123	-0.054			6.1	278	13
18/01/24 10:25	1.840	3.148	4.988	-0.025			7.2	274	12
18/01/24 10:30	1.860	3.011	4.871	0.104			10.4	265	09
18/01/24 10:35	1.808	2.949	4.758	0.134			7.9	273	15
18/01/24 10:40	1.770	2.842	4.612	0.150			9.2	272	10
18/01/24 10:45	1.705	2.582	4.287	0.103			10.8	261	07
18/01/24 10:50	1.812	2.720	4.531	0.133			7.5	278	14
18/01/24 10:55	1.910	2.942	4.851	0.115			10.9	264	06
18/01/24 11:00	1.803	2.811	4.615	0.173			8.9	265	09
18/01/24 11:05	1.835	2.919	4.754	0.186			10.0	263	13
18/01/24 11:10	1.785	2.878	4.663	0.217			8.9	261	06
18/01/24 11:15	1.834	2.870	4.704	0.236			9.6	263	06
18/01/24 11:20	1.668	2.591	4.258	0.203			9.9	265	10
18/01/24 11:25	1.564	2.541	4.105	0.170			9.4	263	11
18/01/24 11:30	1.673	2.471	4.143	0.115			9.2	265	08
18/01/24 11:35	1.683	2.414	4.096	0.050			8.8	269	11
18/01/24 11:40	1.619	2.338	3.957	-0.004			9.0	270	07
18/01/24 11:45	1.459	2.387	3.846	-0.083			9.9	267	11
18/01/24 11:50	1.576	2.654	4.230	-0.074			6.5	282	14
18/01/24 11:55	1.643	2.662	4.305	-0.013			6.5	282	14
18/01/24 12:00	1.804	2.710	4.514	0.002			6.8	268	12
18/01/24 12:05	1.956	2.841	4.798	0.030			8.1	271	10
18/01/24 12:10	1.958	2.998	4.956	0.051			9.5	266	07
18/01/24 12:15	1.990	3.010	5.000	0.033			7.9	269	11
18/01/24 12:20	2.253	3.007	5.260	0.106			7.6	274	12
18/01/24 12:25	2.535	3.140	5.675	0.095			6.3	277	13
18/01/24 12:30	2.453	3.154	5.607	0.041			7.0	269	09
18/01/24 12:35	2.415	3.176	5.591	0.053			7.9	277	13
18/01/24 12:40	2.095	3.197	5.292	0.015			11.7	267	08
18/01/24 12:45	1.758	2.977	4.734	-0.048			12.3	264	06
18/01/24 12:50	1.423	3.013	4.436	-0.028			12.1	264	08
18/01/24 12:55	1.353	3.124	4.477	-0.037			11.2	261	07
18/01/24 13:00	1.594	3.240	4.835	-0.023			10.1	258	09
18/01/24 13:05	1.911	3.379	5.291	0.026			9.0	260	09
18/01/24 13:10	2.065	3.452	5.517	0.160			9.1	258	07
18/01/24 13:15	2.039	3.503	5.542	0.153			13.8	267	06
18/01/24 13:20	1.855	3.467	5.322	0.123			10.4	266	07
18/01/24 13:25	1.868	3.461	5.329	0.045			8.6	268	06
18/01/24 13:30	2.137	3.323	5.459	0.022			7.5	265	12
18/01/24 13:35	2.292	3.250	5.542	0.064			8.0	266	13
18/01/24 13:40	2.315	3.204	5.519	0.063			10.6	257	12
18/01/24 13:45	2.384	3.309	5.693	0.105			10.5	263	07
18/01/24 13:50	2.005	3.177	5.182	0.165			11.2	250	11
18/01/24 13:55	1.812	3.250	5.062	0.188			10.6	245	07
18/01/24 14:00	1.783	3.093	4.875	0.141			9.1	244	11
18/01/24 14:05	1.778	2.873	4.651	0.122			8.4	246	08
18/01/24 14:10	1.911	2.837	4.748	0.150			11.8	253	09
18/01/24 14:15	1.788	2.739	4.527	0.205			11.2	264	07
18/01/24 14:20	1.633	2.595	4.228	0.155			11.4	267	06
18/01/24 14:25	1.571	2.599	4.170	0.215			10.4	259	08
18/01/24 14:30	1.656	2.666	4.322	0.268			8.7	249	10
18/01/24 14:35	1.700	2.768	4.467	0.225			8.9	255	10
18/01/24 14:40	1.946	3.034	4.981	0.254			9.0	254	09
18/01/24 14:45	2.084	3.031	5.116	0.296			10.5	251	10
18/01/24 14:50	2.114	2.839	4.953	0.277			11.2	261	07
18/01/24 14:55	1.981	2.685	4.666	0.198			9.5	254	10
18/01/24 15:00	1.742	2.698	4.440	0.247			9.9	256	10
18/01/24 15:05	1.742	3.001	4.742	0.275			9.8	251	07
18/01/24 15:10	1.735	3.090	4.825	0.354			8.8	252	09
18/01/24 15:15	1.821	3.258	5.079	0.367			10.1	257	08
18/01/24 15:20	1.929	3.425	5.354	0.394			9.8	245	08
18/01/24 15:25	2.104	3.383	5.488	0.401			9.1	245	10
18/01/24 15:30	1.917	3.130	5.046	0.306			10.7	239	10
18/01/24 15:35	1.792	2.958	4.750	0.223			9.2	253	11
18/01/24 15:40	1.764	2.855	4.619	0.288			11.4	240	08
18/01/24 15:45	1.532	2.470	4.002	0.197			11.0	244	08
18/01/24 15:50	1.399	2.270	3.669	0.165			11.7	238	08
18/01/24 15:55	1.120	1.985	3.105	0.213			10.3	245	07
18/01/24 16:00	1.216	2.029	3.245	0.202			10.4	247	11

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/01/24 16:05	1.273	2.014	3.287	0.190			10.9	237	10
18/01/24 16:10	1.065	1.842	2.907	0.187			10.6	247	09
18/01/24 16:15	1.535	2.340	3.875	0.273			9.7	249	08
18/01/24 16:20	1.691	2.655	4.346	0.252			9.8	247	08
18/01/24 16:25	1.373	2.349	3.722	0.184			10.1	244	08
18/01/24 16:30	1.073	2.058	3.131	0.158			8.8	247	10
18/01/24 16:35	1.210	2.389	3.599	0.172			9.7	249	08
18/01/24 16:40	1.259	2.569	3.828	0.239			11.2	251	08
18/01/24 16:45	1.513	2.758	4.271	0.244			10.0	249	08
18/01/24 16:50	1.631	2.797	4.428	0.241			11.2	260	06
18/01/24 16:55	1.783	2.870	4.653	0.225			11.7	246	07
18/01/24 17:00	2.238	3.247	5.485	0.261			10.5	253	08
18/01/24 17:05	2.036	3.055	5.091	0.247			9.9	244	09
18/01/24 17:10	1.650	2.492	4.142	0.191			9.7	240	09
18/01/24 17:15	1.648	2.571	4.220	0.166			11.8	253	06
18/01/24 17:20	1.916	3.243	5.158	0.122			11.3	244	07
18/01/24 17:25	1.651	2.506	4.157	0.180			12.4	243	08
18/01/24 17:30	1.346	1.809	3.155	0.273			9.8	246	10
18/01/24 17:35	1.303	1.971	3.274	0.195			10.9	247	11
18/01/24 17:40	1.413	2.316	3.729	0.140			10.2	252	07
18/01/24 17:45	1.472	2.676	4.148	0.177			8.2	245	09
18/01/24 17:50	1.443	2.789	4.232	0.247			9.6	241	08
18/01/24 17:55	1.370	2.562	3.932	0.218			10.8	249	11
18/01/24 18:00	1.373	2.615	3.987	0.167			11.4	262	08
18/01/24 18:05	1.268	2.800	4.069	0.189			8.6	254	08
18/01/24 18:10	1.403	3.458	4.861	0.227			10.2	259	07
18/01/24 18:15	1.181	2.969	4.150	0.181			11.0	254	07
18/01/24 18:20	1.232	3.037	4.269	0.131			10.6	253	10
18/01/24 18:25	1.385	3.133	4.518	0.113			10.6	254	09
18/01/24 18:30	1.356	3.026	4.382	0.129			12.0	262	06
18/01/24 18:35	1.285	2.775	4.060	0.153			10.5	253	07
18/01/24 18:40	1.370	2.874	4.244	0.217			9.5	256	07
18/01/24 18:45	1.263	3.057	4.320	0.292			10.0	263	09
18/01/24 18:50	1.006	2.903	3.909	0.206			8.9	266	06
18/01/24 18:55	0.810	2.774	3.584	0.176			9.5	258	09
18/01/24 19:00	0.793	2.805	3.598	0.072			9.9	257	07
18/01/24 19:05	0.901	2.698	3.598	0.021			9.3	266	05
18/01/24 19:10	0.798	2.551	3.349	-0.035			9.2	258	09
18/01/24 19:15	0.718	2.490	3.208	0.003			10.2	262	07
18/01/24 19:20	0.730	2.557	3.287	0.058			9.1	250	06
18/01/24 19:25	0.739	2.803	3.542	0.081			9.0	259	08
18/01/24 19:30	0.687	2.794	3.481	0.105			9.7	254	06
18/01/24 19:35	0.712	2.738	3.450	0.160			10.2	258	07
18/01/24 19:40	0.664	2.701	3.364	0.205			9.5	255	06
18/01/24 19:45	0.750	3.054	3.805	0.257			7.6	249	08
18/01/24 19:50	1.084	3.750	4.834	0.319			8.4	254	10
18/01/24 19:55	0.982	3.529	4.510	0.324			8.7	265	08
18/01/24 20:00	0.821	3.374	4.194	0.283			8.8	259	08
18/01/24 20:05	0.836	3.621	4.457	0.287			7.9	253	08
18/01/24 20:10	0.738	3.708	4.446	0.247			7.4	251	09
18/01/24 20:15	1.009	4.174	5.183	0.299			7.4	259	08
18/01/24 20:20	1.646	4.964	6.610	0.386			8.1	255	08
18/01/24 20:25	1.482	4.736	6.218	0.377			8.4	258	09
18/01/24 20:30	1.389	4.258	5.647	0.376			8.7	257	06
18/01/24 20:35	1.212	3.914	5.127	0.295			7.2	258	07
18/01/24 20:40	1.187	4.074	5.261	0.274			5.8	253	09
18/01/24 20:45	1.399	4.708	6.108	0.316			6.2	251	09
18/01/24 20:50	1.535	5.303	6.838	0.361			5.6	261	09
18/01/24 20:55	1.434	5.330	6.764	0.324			6.0	259	06
18/01/24 21:00	1.194	5.099	6.293	0.317			6.1	266	07
18/01/24 21:05	0.823	4.682	5.505	0.356			6.4	264	08
18/01/24 21:10	0.849	4.380	5.229	0.314			6.9	259	09
18/01/24 21:15	0.914	4.394	5.308	0.357			5.5	260	07
18/01/24 21:20	0.987	4.649	5.636	0.371			6.1	265	05
18/01/24 21:25	0.972	4.592	5.564	0.377			6.0	260	09
18/01/24 21:30	0.941	4.386	5.328	0.325			5.9	266	10
18/01/24 21:35	0.893	4.228	5.122	0.259			6.0	265	06
18/01/24 21:40	0.798	4.178	4.976	0.207			6.9	263	07
18/01/24 21:45	0.685	4.081	4.766	0.209			6.4	265	08
18/01/24 21:50	0.645	4.052	4.697	0.268			6.9	265	06
18/01/24 21:55	0.638	3.952	4.590	0.354			7.5	260	08
18/01/24 22:00	0.665	3.808	4.474	0.335			8.7	256	08
18/01/24 22:05	0.686	3.759	4.445	0.321			8.5	255	05
18/01/24 22:10	1.071	4.339	5.410	0.327			8.6	255	07
18/01/24 22:15	1.225	4.620	5.845	0.366			8.6	256	05
18/01/24 22:20	1.215	4.640	5.855	0.370			7.6	255	07
18/01/24 22:25	1.458	4.907	6.365	0.388			7.6	252	10
18/01/24 22:30	1.369	4.856	6.225	0.441			7.6	258	08
18/01/24 22:35	1.298	4.565	5.863	0.410			8.3	254	05
18/01/24 22:40	1.293	4.440	5.734	0.493			7.1	251	06
18/01/24 22:45	1.172	4.629	5.800	0.507			7.9	257	06
18/01/24 22:50	1.026	4.203	5.229	0.498			8.6	259	08
18/01/24 22:55	1.032	4.122	5.154	0.505			7.1	256	13
18/01/24 23:00	1.066	4.046	5.112	0.529			7.9	243	08
18/01/24 23:05	1.076	4.040	5.117	0.451			6.8	258	08
18/01/24 23:10	1.062	4.228	5.289	0.420			6.6	254	12
18/01/24 23:15	1.093	4.330	5.424	0.429			7.1	261	08
18/01/24 23:20	0.977	4.240	5.217	0.377			7.2	255	07
18/01/24 23:25	0.928	3.937	4.864	0.223			7.4	262	07
18/01/24 23:30	0.817	3.650	4.467	0.150			7.2	255	06
18/01/24 23:35	0.564	3.343	3.907	0.193			6.6	257	06
18/01/24 23:40	0.485	3.491	3.976	0.225			8.4	249	09
18/01/24 23:45	0.313	3.233	3.545	0.212			7.2	249	11
18/01/24 23:50	0.406	3.390	3.795				6.8	254	08
18/01/24 23:55	0.580	3.698	4.278				6.0	262	08
19/01/24 00:00	0.529	3.760	4.290	0.243			5.5	266	08
19/01/24 00:05	0.460	3.705	4.165	0.253			6.8	264	08
19/01/24 00:10	0.407	3.673	4.080	0.190			6.5	257	09
19/01/24 00:15	0.467	3.807	4.274	0.196			5.8	258	09
19/01/24 00:20	0.512	4.176	4.687	0.164			6.2	255	06
19/01/24 00:25	0.498	4.216	4.714	0.187			6.9	259	09
19/01/24 00:30	0.547	4.367	4.914	0.210			6.8	259	08
19/01/24 00:35	0.606	4.427	5.033	0.173			5.9	256	07
19/01/24 00:40	0.824	4.802	5.626	0.215			5.7	247	09
19/01/24 00:45	0.874	4.724	5.598	0.282			5.4	250	10
19/01/24 00:50	0.918	4.483	5.401	0.301			6.7	261	10

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/01/24 00:55	0.851	4.132	4.983	0.189			6.6	257	08
19/01/24 01:00	0.998	4.331	5.328	0.117			7.5	256	08
19/01/24 01:05							6.9	254	05
19/01/24 01:10							6.9	250	09
19/01/24 01:15							6.5	260	09
19/01/24 01:20							5.9	259	08
19/01/24 01:25							5.5	256	11
19/01/24 01:30							5.1	252	09
19/01/24 01:35							6.2	253	09
19/01/24 01:40							6.4	254	07
19/01/24 01:45							6.1	252	08
19/01/24 01:50							5.8	256	07
19/01/24 01:55							5.8	256	07
19/01/24 02:00							5.5	247	11
19/01/24 02:05	0.975	4.663	5.637	0.006			5.5	251	09
19/01/24 02:10	1.173	5.145	6.318	-0.046			5.4	262	07
19/01/24 02:15	1.223	5.461	6.684	-0.004			5.5	266	11
19/01/24 02:20	1.180	5.351	6.531	-0.003			6.0	249	08
19/01/24 02:25	1.050	4.692	5.742	-0.051			5.7	257	11
19/01/24 02:30	0.918	4.096	5.014	-0.017			5.3	257	13
19/01/24 02:35	0.743	3.764	4.507	0.114			6.0	260	09
19/01/24 02:40	0.518	3.705	4.223	0.211			5.4	262	08
19/01/24 02:45	0.451	3.883	4.334	0.175			6.7	266	08
19/01/24 02:50	0.425	3.661	4.087	0.160			6.6	255	13
19/01/24 02:55	0.323	3.270	3.593	0.098			6.0	254	07
19/01/24 03:00	0.244	2.824	3.068	0.037			5.4	255	08
19/01/24 03:05	0.130	2.629	2.759	0.051			6.0	262	07
19/01/24 03:10	0.098	2.671	2.768	0.113			6.5	264	08
19/01/24 03:15	0.146	2.531	2.677	0.127			7.2	254	04
19/01/24 03:20	0.128	2.268	2.397	0.201			6.5	260	06
19/01/24 03:25	0.182	2.466	2.648	0.145			6.6	256	09
19/01/24 03:30	0.093	2.702	2.795	0.145			6.6	260	06
19/01/24 03:35	0.141	2.975	3.116	0.095			7.2	271	07
19/01/24 03:40	0.192	2.798	2.990	0.078			7.2	274	08
19/01/24 03:45	0.173	2.972	3.145	0.024			6.9	263	09
19/01/24 03:50	0.217	3.021	3.238	-0.002			8.1	265	06
19/01/24 03:55	0.289	3.061	3.350	0.080			7.3	261	08
19/01/24 04:00	0.489	3.638	4.128	0.101			7.0	259	09
19/01/24 04:05	1.151	4.583	5.734	0.064			7.2	263	09
19/01/24 04:10	1.077	4.015	5.092	0.123			6.7	265	07
19/01/24 04:15	0.992	3.646	4.638	0.044			6.6	265	08
19/01/24 04:20	0.808	3.891	4.699	0.011			6.9	269	07
19/01/24 04:25	0.752	4.282	5.034	0.032			8.0	268	07
19/01/24 04:30	0.831	4.349	5.180	0.065			7.3	268	07
19/01/24 04:35	0.835	4.404	5.238	0.040			7.7	270	08
19/01/24 04:40	0.834	4.292	5.126	0.031			6.6	272	11
19/01/24 04:45	0.759	4.437	5.196	0.054			7.0	271	10
19/01/24 04:50	0.760	4.665	5.426	0.091			7.4	267	09
19/01/24 04:55	0.736	4.958	5.694	0.108			7.7	270	07
19/01/24 05:00	0.774	5.610	6.383	0.158			6.4	272	10
19/01/24 05:05	0.758	5.873	6.631	0.173			7.2	266	06
19/01/24 05:10	0.735	6.021	6.756	0.109			7.7	261	07
19/01/24 05:15	0.736	6.169	6.905	0.055			7.7	260	06
19/01/24 05:20	0.991	6.373	7.364	0.187			7.6	262	07
19/01/24 05:25	2.051	9.004	11.055	0.192			7.0	264	09
19/01/24 05:30	3.227	12.549	15.776	0.137			6.9	265	07
19/01/24 05:35	3.162	7.817	10.978	0.172			6.9	260	06
19/01/24 05:40	2.954	8.856	11.811	0.196			6.1	252	07
19/01/24 05:45	4.153	9.089	13.242	0.178			6.1	249	08
19/01/24 05:50	2.731	5.606	8.338	0.240			5.8	248	08
19/01/24 05:55	1.446	6.130	7.576	0.239			5.7	261	08
19/01/24 06:00	2.015	7.282	9.297	0.129			5.4	261	07
19/01/24 06:05	3.173	11.269	14.441	0.103			5.6	259	08
19/01/24 06:10	2.940	8.571	11.511	0.133			5.6	266	08
19/01/24 06:15	2.972	8.603	11.575	0.153			4.4	262	11
19/01/24 06:20	3.464	9.526	12.989	0.154			5.3	257	09
19/01/24 06:25	3.891	9.777	13.668	0.164			4.9	252	08
19/01/24 06:30	4.033	9.489	13.522	0.204			5.3	261	09
19/01/24 06:35	4.344	9.271	13.616	0.284			5.3	257	07
19/01/24 06:40	4.968	9.177	14.145	0.318			5.3	256	10
19/01/24 06:45	4.910	9.018	13.928	0.277			5.0	262	08
19/01/24 06:50	4.578	8.539	13.117	0.286			5.1	257	09
19/01/24 06:55	4.257	8.009	12.265	0.290			5.4	261	09
19/01/24 07:00	4.187	7.872	12.058	0.250			5.4	265	09
19/01/24 07:05	3.963	7.362	11.324	0.205			5.1	262	07
19/01/24 07:10	3.895	7.136	11.032	0.279			5.4	259	06
19/01/24 07:15	3.775	6.759	10.534	0.354			4.6	255	09
19/01/24 07:20	3.380	6.284	9.664	0.366			5.3	253	08
19/01/24 07:25	3.291	6.022	9.313	0.383			4.7	259	10
19/01/24 07:30	3.327	5.997	9.324	0.378			5.2	252	10
19/01/24 07:35	3.167	5.687	8.853	0.287			5.2	248	09
19/01/24 07:40	2.899	5.619	8.518	0.297			5.1	244	10
19/01/24 07:45	2.604	5.286	7.890	0.287			5.7	245	09
19/01/24 07:50	2.245	4.838	7.083	0.284			5.0	243	08
19/01/24 07:55	1.976	4.481	6.458	0.341			5.0	240	07
19/01/24 08:00	1.652	4.207	5.859	0.285			5.2	237	06
19/01/24 08:05	1.605	4.250	5.855	0.289			4.4	248	08
19/01/24 08:10	1.742	4.490	6.233	0.324			4.4	251	09
19/01/24 08:15	1.940	4.675	6.615	0.353			3.8	245	10
19/01/24 08:20	2.023	4.419	6.442	0.404			3.9	241	09
19/01/24 08:25	1.974	3.860	5.835	0.458			4.3	239	09
19/01/24 08:30	1.896	3.332	5.228	0.517			4.0	238	06
19/01/24 08:35	1.967	3.336	5.304	0.543			4.2	236	07
19/01/24 08:40	2.040	3.354	5.394	0.546			4.8	239	15
19/01/24 08:45	1.724	2.851	4.575	0.494			4.8	246	06
19/01/24 08:50	1.404	2.464	3.868	0.452			4.2	232	08
19/01/24 08:55	1.228	2.067	3.295	0.343			3.7	231	10
19/01/24 09:00	1.195	1.805	3.000	0.248			5.5	236	09
19/01/24 09:05	1.094	1.538	2.631	0.241			4.5	236	08
19/01/24 09:10	0.861	1.453	2.314	0.234			4.4	230	10
19/01/24 09:15	0.716	1.409	2.124	0.240			5.2	228	06
19/01/24 09:20	0.664	1.413	2.077	0.222			4.0	245	07
19/01/24 09:25	0.706	1.496	2.202	0.251			5.0	259	07
19/01/24 09:30	0.833	1.475	2.308	0.310			4.9	263	09
19/01/24 09:35	1.083	1.581	2.664	0.241			4.6	244	06
19/01/24 09:40	1.037	1.657	2.694	0.198			3.7	245	07

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/01/24 09:45	1.066	1.725	2.791	0.208			4.3	248	11
19/01/24 09:50	1.240	1.920	3.159	0.253			4.8	258	09
19/01/24 09:55	1.273	2.016	3.290	0.254			4.8	244	10
19/01/24 10:00	1.224	2.117	3.341	0.259			4.5	240	13
19/01/24 10:05	1.415	2.488	3.904	0.280			3.8	242	09
19/01/24 10:10	1.508	2.721	4.229	0.270			4.8	238	14
19/01/24 10:15	1.476	2.690	4.166	0.260			3.9	251	13
19/01/24 10:20	1.458	2.794	4.252	0.269			4.4	241	08
19/01/24 10:25	1.961	3.414	5.375	0.274			4.0	242	12
19/01/24 10:30	2.261	6.532	8.793	0.278			4.8	251	09
19/01/24 10:35	3.331	4.283	7.614	0.266			4.8	260	12
19/01/24 10:40	3.426	3.929	7.355	0.274			3.3	278	10
19/01/24 10:45	2.356	3.276	5.632	0.259			4.2	258	15
19/01/24 10:50	1.809	2.975	4.784	0.241			4.3	242	09
19/01/24 10:55	1.605	2.502	4.107	0.168			5.0	240	09
19/01/24 11:00	1.575	2.644	4.219	0.150			4.4	255	09
19/01/24 11:05	1.535	2.559	4.094	0.192			4.2	248	07
19/01/24 11:10	1.669	2.839	4.508	0.245			4.8	245	10
19/01/24 11:15	1.441	2.688	4.128	0.250			5.0	238	07
19/01/24 11:20	1.310	2.559	3.869	0.248			4.5	245	08
19/01/24 11:25	1.382	2.587	3.969	0.241			4.4	254	07
19/01/24 11:30	1.372	2.700	4.072	0.259			4.6	242	13
19/01/24 11:35	1.195	2.587	3.783	0.288			5.4	238	05
19/01/24 11:40	1.022	2.224	3.246	0.226			5.6	241	06
19/01/24 11:45	0.873	2.016	2.890	0.206			5.5	234	05
19/01/24 11:50	0.687	1.914	2.601	0.205			5.3	237	07
19/01/24 11:55	0.540	1.858	2.398	0.132			5.3	238	09
19/01/24 12:00	0.544	1.822	2.366	0.131			5.0	236	05
19/01/24 12:05	0.452	1.662	2.114	0.060			4.5	237	06
19/01/24 12:10	0.444	1.549	1.993	0.116			4.4	233	07
19/01/24 12:15	0.550	1.541	2.092	0.096			5.4	231	07
19/01/24 12:20	0.546	1.422	1.969	0.049			4.6	226	09
19/01/24 12:25	0.357	1.409	1.766	-0.027			3.5	224	08
19/01/24 12:30	0.357	1.322	1.680	-0.025			4.1	221	06
19/01/24 12:35	0.279	1.232	1.511	-0.014			3.3	220	11
19/01/24 12:40	0.316	1.215	1.531	0.022			4.2	211	07
19/01/24 12:45	0.435	1.327	1.762	0.100			3.5	203	08
19/01/24 12:50	0.757	1.372	2.129	0.159			3.3	204	09
19/01/24 12:55	0.700	1.080	1.780	0.070			2.8	198	11
19/01/24 13:00	0.865	1.345	2.210	0.140			3.2	196	14
19/01/24 13:05	0.903	1.511	2.413	0.116			2.9	193	13
19/01/24 13:10	0.824	1.590	2.414	0.068			2.5	187	12
19/01/24 13:15	0.617	1.484	2.101	0.094			2.7	183	14
19/01/24 13:20	0.699	1.479	2.177	0.156			2.1	186	16
19/01/24 13:25	1.659	1.854	3.513	0.136			2.1	176	20
19/01/24 13:30	2.540	1.720	4.261	0.175			2.0	168	18
19/01/24 13:35	4.137	2.962	7.099	0.242			1.9	160	20
19/01/24 13:40	1.818	1.321	3.139	0.230			2.0	174	23
19/01/24 13:45	1.803	1.712	3.514	0.259			2.2	155	22
19/01/24 13:50	0.581	0.574	1.155	0.246			2.2	152	24
19/01/24 13:55	0.499	0.767	1.266	0.214			2.3	164	21
19/01/24 14:00	0.449	0.844	1.293	0.258			1.8	167	27
19/01/24 14:05	0.353	0.903	1.256	0.206			1.9	171	22
19/01/24 14:10	0.336	0.886	1.222	0.194			2.5	179	25
19/01/24 14:15	0.353	0.881	1.234	0.229			2.2	183	23
19/01/24 14:20	0.346	0.817	1.163	0.249			2.2	173	28
19/01/24 14:25	0.299	0.823	1.123	0.233			2.0	182	20
19/01/24 14:30	0.321	0.959	1.280	0.185			2.4	192	19
19/01/24 14:35	0.361	1.051	1.413	0.199			2.7	196	10
19/01/24 14:40	0.315	0.797	1.112	0.257			2.0	165	20
19/01/24 14:45	0.250	0.698	0.948	0.279			1.7	167	23
19/01/24 14:50	0.153	0.621	0.774	0.261			1.5	165	27
19/01/24 14:55	0.110	0.654	0.764	0.180			2.0	174	19
19/01/24 15:00	0.180	0.654	0.834	0.084			1.6	166	23
19/01/24 15:05	0.130	0.570	0.701	0.003			2.0	158	25
19/01/24 15:10	0.009	0.601	0.610	-0.009			1.9	163	25
19/01/24 15:15	-0.001	0.650	0.648	-0.023			1.9	159	24
19/01/24 15:20	-0.140	0.687	0.547	-0.014			1.8	166	28
19/01/24 15:25	-0.187	0.734	0.547	0.039			2.1	144	18
19/01/24 15:30	-0.178	0.741	0.562	0.180			1.7	154	25
19/01/24 15:35	-0.064	0.696	0.632	0.250			1.6	162	25
19/01/24 15:40	0.073	0.677	0.750	0.283			1.7	169	23
19/01/24 15:45	0.192	0.653	0.845	0.242			1.9	169	29
19/01/24 15:50	0.189	0.687	0.876	0.283			1.9	160	26
19/01/24 15:55	0.168	0.708	0.876	0.195			1.9	154	26
19/01/24 16:00	0.152	0.824	0.976	0.175			1.9	173	24
19/01/24 16:05	0.315	1.027	1.342	0.167			2.1	175	19
19/01/24 16:10	0.494	1.239	1.733	0.166			2.0	173	20
19/01/24 16:15	0.587	1.353	1.940	0.207			2.1	168	19
19/01/24 16:20	0.783	1.505	2.288	0.168			2.0	185	18
19/01/24 16:25	0.610	1.459	2.070	0.153			2.4	187	19
19/01/24 16:30	0.776	1.484	2.260	0.144			2.4	189	16
19/01/24 16:35	0.715	1.284	1.999	0.091			2.7	188	15
19/01/24 16:40	0.572	1.086	1.659	0.056			2.8	191	13
19/01/24 16:45	0.517	0.941	1.457	0.132			2.4	194	14
19/01/24 16:50	0.406	0.896	1.302	0.176			2.8	193	13
19/01/24 16:55	0.201	0.781	0.982	0.241			2.9	191	12
19/01/24 17:00	0.044	0.733	0.777	0.186			2.3	185	15
19/01/24 17:05	0.050	0.754	0.804	0.149			2.4	181	20
19/01/24 17:10	0.022	0.821	0.842	0.142			2.7	189	15
19/01/24 17:15	0.128	0.868	0.997	0.189			2.6	180	16
19/01/24 17:20	0.207	0.785	0.993	0.264			2.5	183	14
19/01/24 17:25	0.641	1.422	2.063	0.295			2.4	181	18
19/01/24 17:30	0.592	1.244	1.836	0.143			2.5	177	18
19/01/24 17:35	0.547	1.196	1.743	0.144			2.3	181	15
19/01/24 17:40	0.470	1.172	1.641	0.083			2.1	172	18
19/01/24 17:45	0.367	1.120	1.487	0.154			2.0	167	24
19/01/24 17:50	0.356	1.261	1.616	0.140			2.3	186	15
19/01/24 17:55	0.543	2.085	2.628	0.117			2.3	189	14
19/01/24 18:00	0.539	2.176	2.716	0.163			2.3	190	12
19/01/24 18:05	0.426	2.228	2.654	0.112			2.5	185	14
19/01/24 18:10	0.496	2.145	2.641	0.035			2.6	196	12
19/01/24 18:15	0.500	2.245	2.745	0.018			2.3	190	15
19/01/24 18:20	0.491	2.097	2.588	0.010			3.6	197	07
19/01/24 18:25	1.381	7.316	8.697	-0.108			4.3	201	05
19/01/24 18:30	5.694	19.837	25.532	-0.069			3.0	195	13

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
19/01/24 18:35	6.204	15.976	22.180	0.001			3.4	196	10
19/01/24 18:40	5.168	12.787	17.954	-0.011			2.6	194	11
19/01/24 18:45	4.619	11.565	16.183	0.065			2.4	187	13
19/01/24 18:50	4.174	11.850	16.024	0.101			2.1	185	15
19/01/24 18:55	3.960	12.441	16.400	0.084			2.0	178	19
19/01/24 19:00	3.841	12.705	16.546	0.127			2.5	188	14
19/01/24 19:05	3.521	12.894	16.415	0.099			2.8	197	10
19/01/24 19:10	2.894	12.099	14.994	0.122			2.3	188	12
19/01/24 19:15	2.395	11.612	14.007	0.104			2.3	195	12
19/01/24 19:20	2.211	12.186	14.397	0.147			2.3	190	08
19/01/24 19:25	1.926	12.305	14.231	0.307			2.4	193	10
19/01/24 19:30	1.548	10.677	12.224	0.358			1.9	177	15
19/01/24 19:35	1.266	9.432	10.698	0.305			1.6	170	21
19/01/24 19:40	0.973	8.386	9.359	0.304			1.7	170	19
19/01/24 19:45	0.865	7.597	8.462	0.276			1.5	180	21
19/01/24 19:50	0.762	7.161	7.923	0.271			2.0	181	16
19/01/24 19:55	0.575	6.226	6.802	0.221			2.1	189	12
19/01/24 20:00	0.574	5.440	6.014	0.236			1.6	170	25
19/01/24 20:05	0.436	5.060	5.496	0.258			2.3	190	14
19/01/24 20:10	0.271	4.428	4.698	0.226			1.9	174	18
19/01/24 20:15	0.245	3.945	4.190	0.187			2.3	181	17
19/01/24 20:20	0.152	3.415	3.567	0.135			1.8	177	23
19/01/24 20:25	0.117	3.241	3.359	0.226			2.1	173	20
19/01/24 20:30	0.036	3.388	3.424	0.234			1.8	167	21
19/01/24 20:35	0.061	4.048	4.110	0.196			1.6	148	26
19/01/24 20:40	0.061	4.575	4.636	0.195			1.6	179	19
19/01/24 20:45	0.111	4.850	4.961	0.171			2.0	177	15
19/01/24 20:50	0.165	4.960	5.125	0.235			2.0	174	22
19/01/24 20:55	0.117	4.709	4.826	0.289			2.3	187	14
19/01/24 21:00	0.123	4.217	4.340	0.294			2.0	179	17
19/01/24 21:05	0.122	3.559	3.681	0.257			1.8	170	26
19/01/24 21:10	0.199	3.069	3.268	0.208			2.2	185	17
19/01/24 21:15	0.157	2.729	2.886	0.188			1.7	169	26
19/01/24 21:20	0.100	2.462	2.562	0.200			1.7	174	16
19/01/24 21:25	0.063	2.122	2.185	0.159			1.6	137	14
19/01/24 21:30	0.165	1.900	2.065	0.174			1.2	143	27
19/01/24 21:35	0.122	1.803	1.925	0.166			1.4	96	16
19/01/24 21:40	0.223	1.911	2.135	0.126			1.5	85	10
19/01/24 21:45	2.146	3.710	5.856	0.152			1.6	95	07
19/01/24 21:50	2.138	3.877	6.014	0.105			2.4	101	09
19/01/24 21:55	2.066	4.544	6.610	0.108			3.3	105	08
19/01/24 22:00	1.295	5.857	7.151	0.182			3.1	104	07
19/01/24 22:05	0.816	7.038	7.854	0.239			3.1	101	09
19/01/24 22:10	0.600	8.692	9.292	0.307			3.3	99	05
19/01/24 22:15	0.595	9.778	10.373	0.278			2.9	95	06
19/01/24 22:20	0.452	10.266	10.718	0.363			2.6	100	08
19/01/24 22:25	0.465	10.561	11.027	0.291			2.6	93	06
19/01/24 22:30	0.469	10.755	11.224	0.217			2.4	96	07
19/01/24 22:35				0.256			1.9	87	09
19/01/24 22:40	0.681	11.227	11.908	0.346			1.5	88	11
19/01/24 22:45	0.496	11.138	11.635	0.315			1.0	61	17
19/01/24 22:50	0.758	10.914	11.672	0.298			1.5	65	13
19/01/24 22:55	0.794	10.173	10.967	0.266			2.8	74	08
19/01/24 23:00	0.709	8.992	9.700	0.299			2.1	83	12
19/01/24 23:05	0.599	7.668	8.267	0.305			1.2	75	17
19/01/24 23:10	0.469	7.357	7.826	0.314			0.8	80	24
19/01/24 23:15	0.763	7.508	8.271	0.359			0.8	63	16
19/01/24 23:20	1.934	8.104	10.038	0.307			1.1	60	13
19/01/24 23:25	1.726	8.320	10.046	0.312			1.4	81	12
19/01/24 23:30	1.406	7.964	9.370	0.305			1.0	68	11
19/01/24 23:35	1.357	8.035	9.392	0.366			0.8	86	13
19/01/24 23:40	1.183	8.228	9.411	0.361			0.5	108	26
19/01/24 23:45	0.848	8.252	9.100	0.480			1.2	102	11
19/01/24 23:50	0.543	8.137	8.681				1.3	99	08
19/01/24 23:55	0.434	8.270	8.705				1.9	97	05
20/01/24 00:00	0.355	8.410	8.765	0.968			1.9	94	06
20/01/24 00:05	0.276	8.439	8.715	0.846			2.1	93	08
20/01/24 00:10	0.194	8.415	8.610	0.666			1.8	91	07
20/01/24 00:15	0.157	8.275	8.432	0.528			1.7	91	09
20/01/24 00:20	0.237	8.309	8.546	0.519			1.7	100	08
20/01/24 00:25	0.323	8.396	8.719	0.497			2.0	92	08
20/01/24 00:30	0.339	8.396	8.735	0.441			1.5	93	09
20/01/24 00:35	0.209	8.397	8.607	0.378			1.5	89	10
20/01/24 00:40	0.074	8.408	8.482	0.368			1.5	90	08
20/01/24 00:45	-0.007	8.428	8.421	0.300			0.9	86	14
20/01/24 00:50	0.042	8.254	8.296	0.204			1.0	94	09
20/01/24 00:55	0.215	8.088	8.303	0.155			0.6	73	14
20/01/24 01:00	0.322	8.098	8.420	0.115			0.7	59	16
20/01/24 01:05							0.6	24	23
20/01/24 01:10							0.4	8	23
20/01/24 01:15							0.3	33	16
20/01/24 01:20							0.3	282	42
20/01/24 01:25							0.8	276	12
20/01/24 01:30							1.0	311	10
20/01/24 01:35							0.6	15	28
20/01/24 01:40							0.5	315	40
20/01/24 01:45							0.4	309	37
20/01/24 01:50							0.4	346	43
20/01/24 01:55							0.5	316	28
20/01/24 02:00							0.8	323	23
20/01/24 02:05	1.783	14.373	16.156	0.310			0.8	29	27
20/01/24 02:10	2.361	14.440	16.801	0.348			1.2	54	11
20/01/24 02:15	2.353	13.643	15.997	0.347			1.0	64	09
20/01/24 02:20	2.090	12.926	15.016	0.359			1.1	64	12
20/01/24 02:25	2.078	12.218	14.296	0.416			0.8	71	15
20/01/24 02:30	1.897	11.462	13.359	0.407			0.8	49	14
20/01/24 02:35	1.575	10.698	12.274	0.333			0.7	31	16
20/01/24 02:40	1.477	10.422	11.898	0.296			0.8	41	11
20/01/24 02:45	1.515	10.413	11.929	0.343			0.9	30	14
20/01/24 02:50	1.284	10.183	11.467	0.375			1.2	21	12
20/01/24 02:55	1.167	9.974	11.141	0.374			1.3	37	07
20/01/24 03:00	1.129	9.974	11.103	0.360			1.3	48	08
20/01/24 03:05	1.026	9.832	10.858	0.401			0.8	32	21
20/01/24 03:10	0.988	9.819	10.807	0.368			0.7	3	21
20/01/24 03:15	2.005	10.184	12.188	0.348			0.5	2	34
20/01/24 03:20	10.724	11.643	22.367	0.399			0.7	345	31

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/01/24 03:25	15.465	13.840	29.305	0.466			0.9	309	15
20/01/24 03:30	14.333	13.924	28.256	0.507			0.6	344	34
20/01/24 03:35	13.378	13.624	27.002	0.573			0.7	11	29
20/01/24 03:40	13.278	13.569	26.847	0.626			0.6	47	18
20/01/24 03:45	13.398	13.533	26.931	0.620			0.6	45	08
20/01/24 03:50	13.203	13.437	26.640	0.523			0.5	21	14
20/01/24 03:55	13.351	13.671	27.022	0.487			0.6	22	10
20/01/24 04:00	13.682	13.763	27.445	0.415			1.2	43	12
20/01/24 04:05	12.979	13.387	26.365	0.453			1.5	51	09
20/01/24 04:10	6.372	11.025	17.397	0.511			1.2	73	15
20/01/24 04:15	1.148	8.854	10.002	0.496			1.2	54	15
20/01/24 04:20	0.867	9.112	9.979	0.449			1.3	55	11
20/01/24 04:25	0.777	9.133	9.909	0.474			1.3	63	13
20/01/24 04:30	0.871	9.320	10.191	0.478			1.4	54	13
20/01/24 04:35	0.763	9.448	10.211	0.419			1.2	55	17
20/01/24 04:40	0.701	9.369	10.069	0.335			1.2	58	15
20/01/24 04:45	0.484	9.036	9.520	0.356			1.5	57	13
20/01/24 04:50	0.548	8.619	9.167	0.377			1.6	58	11
20/01/24 04:55	0.581	8.294	8.874	0.370			1.4	60	15
20/01/24 05:00	0.598	7.827	8.426	0.292			1.3	62	18
20/01/24 05:05	0.563	7.585	8.148	0.231			1.4	74	12
20/01/24 05:10	0.643	7.475	8.117	0.252			1.5	75	12
20/01/24 05:15	0.624	7.400	8.024	0.302			1.7	69	13
20/01/24 05:20	0.700	7.420	8.120	0.398			1.9	72	11
20/01/24 05:25	0.642	7.562	8.204	0.398			2.1	71	08
20/01/24 05:30	0.667	7.701	8.368	0.420			2.3	72	10
20/01/24 05:35	0.833	7.780	8.613	0.462			1.9	60	12
20/01/24 05:40	1.035	7.769	8.804	0.522			2.4	57	12
20/01/24 05:45	1.220	7.852	9.072	0.643			1.4	50	18
20/01/24 05:50	1.545	7.961	9.507	0.640			1.1	49	16
20/01/24 05:55	8.628	8.462	17.090	0.628			1.3	58	16
20/01/24 06:00	4.879	9.313	14.192	0.571			1.3	65	17
20/01/24 06:05	4.402	9.282	13.684	0.511			1.4	50	14
20/01/24 06:10	4.165	9.069	13.233	0.427			1.7	49	13
20/01/24 06:15	4.319	8.769	13.088	0.342			1.8	47	11
20/01/24 06:20	6.226	7.497	13.723	0.393			1.8	49	12
20/01/24 06:25	6.937	7.141	14.079	0.386			1.7	46	09
20/01/24 06:30	7.999	7.293	15.293	0.364			1.7	59	16
20/01/24 06:35	7.184	7.194	14.378	0.310			1.9	67	14
20/01/24 06:40	6.430	7.693	14.123	0.313			2.2	62	17
20/01/24 06:45	6.471	7.451	13.922	0.303			2.7	58	13
20/01/24 06:50	6.302	7.350	13.652	0.346			2.7	57	10
20/01/24 06:55	6.537	7.139	13.676	0.390			2.1	68	14
20/01/24 07:00	11.184	10.756	21.940	0.446			1.9	58	13
20/01/24 07:05	9.599	10.041	19.640	0.487			1.9	59	12
20/01/24 07:10	9.591	10.192	19.783	0.494			2.0	59	14
20/01/24 07:15	9.605	9.833	19.438	0.439			2.2	57	13
20/01/24 07:20	9.664	8.987	18.651	0.418			2.0	50	11
20/01/24 07:25	11.705	8.889	20.594	0.446			2.0	58	13
20/01/24 07:30	10.277	8.969	19.246	0.507			1.9	59	12
20/01/24 07:35	10.350	8.609	18.959	0.535			1.5	62	17
20/01/24 07:40	10.414	8.648	19.061	0.530			1.1	72	22
20/01/24 07:45	10.244	8.864	19.108	0.542			1.7	63	13
20/01/24 07:50	13.522	9.063	22.586	0.565			1.8	63	11
20/01/24 07:55	23.797	18.872	42.669	0.532			1.4	54	19
20/01/24 08:00	13.286	5.975	19.261	0.573			1.9	57	12
20/01/24 08:05	10.207	9.282	19.489	0.559			1.3	64	14
20/01/24 08:10	9.769	10.457	20.226	0.535			1.0	71	24
20/01/24 08:15	11.064	10.992	22.056	0.578			0.9	72	11
20/01/24 08:20	12.064	10.070	22.133	0.570			0.3	117	52
20/01/24 08:25	12.752	9.598	22.350	0.569			0.9	115	17
20/01/24 08:30	47.697	9.709	57.405	0.588			1.2	98	12
20/01/24 08:35	13.799	10.248	24.046	0.568			1.2	72	23
20/01/24 08:40	24.444	12.904	37.348	0.596			1.0	79	23
20/01/24 08:45	13.512	15.589	29.100	0.689			1.3	58	16
20/01/24 08:50	12.812	10.897	23.708	0.619			1.2	54	15
20/01/24 08:55	25.663	5.855	31.517	0.596			1.3	57	16
20/01/24 09:00	13.464	11.322	24.786	0.612			1.2	53	23
20/01/24 09:05	16.155	11.304	27.459	0.641			0.7	13	44
20/01/24 09:10	16.083	12.007	28.089	0.717			1.7	15	22
20/01/24 09:15	15.628	12.198	27.826	0.717			1.7	11	32
20/01/24 09:20	15.398	12.576	27.974	0.711			1.9	6	21
20/01/24 09:25	15.072	12.831	27.903	0.669			2.7	15	14
20/01/24 09:30	17.138	13.182	30.320	0.667			1.8	10	21
20/01/24 09:35	20.122	13.672	33.794	0.666			2.1	22	20
20/01/24 09:40	24.829	8.569	33.398	0.664			2.0	25	18
20/01/24 09:45	21.874	14.602	36.476	0.688			2.1	23	20
20/01/24 09:50	17.979	14.491	32.470	0.693			1.9	9	24
20/01/24 09:55	22.437	18.812	41.249	0.697			2.0	12	23
20/01/24 10:00	13.785	15.277	29.062	0.640			1.7	358	28
20/01/24 10:05	14.869	15.100	29.969	0.668			2.4	14	18
20/01/24 10:10	21.345	15.960	37.305	0.739			2.3	5	24
20/01/24 10:15	6.180	10.523	16.703	0.705			2.6	354	27
20/01/24 10:20	3.926	10.262	14.188	0.685			1.9	332	25
20/01/24 10:25	4.065	9.249	13.314	0.635			2.7	12	17
20/01/24 10:30	6.395	7.594	13.989	0.548			2.1	349	33
20/01/24 10:35	6.429	8.032	14.461	0.521			2.5	8	30
20/01/24 10:40	5.897	8.094	13.991	0.459			3.5	10	18
20/01/24 10:45	5.816	7.706	13.522	0.526			3.1	5	27
20/01/24 10:50	4.835	6.723	11.558	0.534			3.2	2	20
20/01/24 10:55	3.962	6.493	10.455	0.479			3.8	358	20
20/01/24 11:00	2.712	5.381	8.093	0.471			3.5	15	25
20/01/24 11:05	3.909	7.263	11.173	0.437			3.2	11	18
20/01/24 11:10	3.195	6.457	9.652	0.371			2.3	360	26
20/01/24 11:15	3.272	6.664	9.935	0.292			2.4	8	21
20/01/24 11:20	2.789	6.753	9.542	0.279			3.4	10	20
20/01/24 11:25	2.862	6.682	9.545	0.438			3.9	11	18
20/01/24 11:30	2.805	6.111	8.916	0.465			4.1	2	21
20/01/24 11:35	2.526	5.492	8.018	0.485			4.1	6	17
20/01/24 11:40	2.275	5.002	7.277	0.488			2.8	14	26
20/01/24 11:45	2.473	5.484	7.957	0.452			3.2	12	26
20/01/24 11:50	2.512	5.328	7.840	0.497			2.9	14	29
20/01/24 11:55	2.545	5.119	7.664	0.421			2.8	360	30
20/01/24 12:00	2.609	4.397	7.006	0.427			3.8	11	20
20/01/24 12:05	2.514	4.967	7.481	0.323			2.8	10	28
20/01/24 12:10	2.372	5.119	7.491	0.294			2.1	326	35

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/01/24 12:15	1.988	3.611	5.599	0.287			3.8	7	24
20/01/24 12:20	1.917	3.896	5.812	0.343			2.6	2	42
20/01/24 12:25	1.691	3.795	5.485	0.289			2.7	353	39
20/01/24 12:30	1.644	4.005	5.649	0.298			4.2	17	17
20/01/24 12:35	1.626	4.092	5.718	0.291			4.2	22	14
20/01/24 12:40	1.818	4.749	6.567	0.370			3.9	18	20
20/01/24 12:45	2.284	6.928	9.212	0.373			3.2	20	23
20/01/24 12:50	2.675	5.422	8.097	0.309			3.4	18	21
20/01/24 12:55	2.407	4.807	7.213	0.320			3.6	11	23
20/01/24 13:00	2.517	4.966	7.483	0.220			3.2	7	17
20/01/24 13:05	2.114	4.344	6.458	0.137			2.3	7	19
20/01/24 13:10	1.855	4.505	6.361	0.120			3.7	8	22
20/01/24 13:15	2.082	4.860	6.942	0.275			3.0	12	28
20/01/24 13:20	2.106	5.047	7.153	0.371			3.3	18	24
20/01/24 13:25	2.032	5.031	7.063	0.313			2.7	357	29
20/01/24 13:30	2.266	5.207	7.473	0.321			2.7	358	34
20/01/24 13:35	2.249	5.606	7.855	0.221			3.1	7	22
20/01/24 13:40	2.411	5.810	8.221	0.283			3.8	13	17
20/01/24 13:45	2.135	5.307	7.442	0.279			3.4	3	21
20/01/24 13:50	1.863	5.096	6.959	0.268			4.0	13	16
20/01/24 13:55	1.828	5.243	7.071	0.307			3.6	9	23
20/01/24 14:00	1.816	4.946	6.762	0.363			3.3	360	26
20/01/24 14:05	1.709	4.924	6.632	0.325			2.9	355	33
20/01/24 14:10	1.582	4.617	6.199	0.353			2.9	335	27
20/01/24 14:15	1.412	4.464	5.876	0.394			2.1	326	31
20/01/24 14:20	1.290	4.424	5.714	0.378			2.1	316	28
20/01/24 14:25	1.261	4.449	5.710	0.417			3.5	307	16
20/01/24 14:30	1.197	4.410	5.607	0.363			2.1	341	41
20/01/24 14:35	1.261	4.327	5.588	0.343			3.2	1	21
20/01/24 14:40	1.184	4.158	5.342	0.357			2.8	0	36
20/01/24 14:45	1.581	4.031	5.612	0.416			1.6	356	42
20/01/24 14:50	1.374	3.978	5.352	0.441			2.3	342	36
20/01/24 14:55	1.506	4.285	5.791	0.368			2.5	1	27
20/01/24 15:00	1.613	4.544	6.157	0.308			3.7	10	18
20/01/24 15:05	1.636	4.491	6.127	0.262			2.7	5	20
20/01/24 15:10	1.580	4.414	5.994	0.282			3.0	7	24
20/01/24 15:15	1.524	4.172	5.696	0.349			4.3	9	14
20/01/24 15:20	1.524	3.921	5.446	0.333			2.2	341	36
20/01/24 15:25	1.242	3.659	4.902	0.313			3.8	7	23
20/01/24 15:30	0.942	3.330	4.272	0.359			3.3	357	26
20/01/24 15:35	0.910	3.259	4.169	0.359			2.9	351	27
20/01/24 15:40	0.905	3.382	4.287	0.390			2.8	15	29
20/01/24 15:45	1.009	3.331	4.340	0.365			4.0	29	17
20/01/24 15:50	0.958	3.158	4.116	0.295			3.1	25	19
20/01/24 15:55	0.871	3.100	3.971	0.264			4.0	26	18
20/01/24 16:00	0.952	3.442	4.395	0.359			3.2	21	18
20/01/24 16:05	1.006	3.558	4.564	0.324			3.9	12	21
20/01/24 16:10	0.949	3.574	4.523	0.305			2.2	348	40
20/01/24 16:15	0.883	3.588	4.470	0.305			4.4	6	28
20/01/24 16:20	0.816	3.420	4.237	0.289			3.5	14	21
20/01/24 16:25	0.787	3.289	4.076	0.231			3.6	27	21
20/01/24 16:30	0.962	3.420	4.382	0.216			3.5	25	17
20/01/24 16:35	1.291	3.820	5.111	0.235			3.0	23	16
20/01/24 16:40	1.613	4.159	5.772	0.307			4.4	21	22
20/01/24 16:45	1.776	4.545	6.321	0.441			4.2	12	17
20/01/24 16:50	1.678	3.263	4.941	0.436			3.6	6	18
20/01/24 16:55	1.550	3.668	5.218	0.428			2.7	19	27
20/01/24 17:00	1.432	3.570	5.002	0.447			4.1	11	19
20/01/24 17:05	1.339	3.288	4.627	0.437			3.7	6	22
20/01/24 17:10	1.139	3.388	4.527	0.325			3.2	2	21
20/01/24 17:15	1.101	3.524	4.625	0.261			3.9	13	25
20/01/24 17:20	0.994	3.449	4.442	0.216			3.6	15	21
20/01/24 17:25	0.798	3.234	4.032	0.213			4.0	7	19
20/01/24 17:30	0.705	3.248	3.953	0.262			4.1	9	23
20/01/24 17:35	0.800	3.410	4.210	0.298			4.9	16	13
20/01/24 17:40	0.766	3.453	4.219	0.285			4.1	16	19
20/01/24 17:45	0.723	3.484	4.207	0.324			3.3	14	18
20/01/24 17:50	0.718	3.656	4.374	0.225			3.6	17	20
20/01/24 17:55	0.752	3.739	4.492	0.141			4.1	13	23
20/01/24 18:00	0.864	3.601	4.465	0.169			2.7	15	21
20/01/24 18:05	1.001	3.811	4.811	0.158			2.9	27	20
20/01/24 18:10	1.043	3.848	4.891	0.153			4.3	27	12
20/01/24 18:15	0.972	3.668	4.639	0.133			3.6	17	23
20/01/24 18:20	0.916	3.764	4.679	0.167			3.6	18	17
20/01/24 18:25	0.956	3.993	4.949	0.161			4.5	16	17
20/01/24 18:30	0.874	4.035	4.908	0.185			2.6	25	17
20/01/24 18:35	0.700	4.240	4.940	0.154			3.8	31	13
20/01/24 18:40	0.615	4.309	4.924	0.076			4.4	34	15
20/01/24 18:45	0.572	4.285	4.857	-0.008			4.2	29	16
20/01/24 18:50	0.498	4.187	4.685	-0.013			3.5	15	18
20/01/24 18:55	0.445	4.117	4.562	0.009			4.6	23	13
20/01/24 19:00	0.350	4.122	4.472	0.033			3.3	24	13
20/01/24 19:05	0.410	4.416	4.826	0.037			2.9	33	16
20/01/24 19:10	0.705	5.004	5.709	0.055			3.3	26	16
20/01/24 19:15	1.368	5.588	6.957	0.049			2.7	30	20
20/01/24 19:20	1.911	7.180	9.091	0.104			3.4	25	15
20/01/24 19:25	1.823	7.667	9.490	0.117			3.6	27	21
20/01/24 19:30	1.652	6.796	8.448	0.105			4.1	28	17
20/01/24 19:35	1.418	5.597	7.016	0.081			4.3	27	18
20/01/24 19:40	1.053	5.268	6.321	-0.077			3.0	32	15
20/01/24 19:45	0.841	5.509	6.349	-0.065			4.0	26	14
20/01/24 19:50	0.793	5.907	6.700	-0.079			3.8	22	15
20/01/24 19:55	0.833	6.286	7.119	-0.100			2.7	23	15
20/01/24 20:00	0.688	6.513	7.201	-0.142			3.3	25	16
20/01/24 20:05	0.707	6.618	7.325	-0.100			3.0	25	14
20/01/24 20:10	0.808	7.067	7.876	-0.019			3.5	31	15
20/01/24 20:15	0.798	7.181	7.980	-0.026			3.9	23	16
20/01/24 20:20	0.830	7.129	7.959	-0.014			3.8	28	15
20/01/24 20:25	0.826	6.894	7.720	-0.059			2.7	29	19
20/01/24 20:30	0.999	7.074	8.072	-0.160			3.7	30	18
20/01/24 20:35	1.115	7.478	8.592	-0.221			2.5	18	21
20/01/24 20:40	1.194	7.996	9.189	-0.183			2.7	23	17
20/01/24 20:45	1.276	8.155	9.430	-0.040			2.5	20	20
20/01/24 20:50	1.353	7.705	9.057	-0.068			3.3	21	19
20/01/24 20:55	1.366	7.153	8.519	-0.125			3.3	14	15
20/01/24 21:00	1.637	7.334	8.970	-0.208			3.5	23	20

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/01/24 21:05	1.560	6.979	8.539	-0.208			3.6	15	15
20/01/24 21:10	1.143	6.209	7.352	-0.133			3.6	16	13
20/01/24 21:15	1.058	6.352	7.410	-0.091			3.1	15	23
20/01/24 21:20	1.140	6.644	7.783	-0.079			2.4	6	17
20/01/24 21:25	1.078	7.104	8.181	-0.066			2.8	8	20
20/01/24 21:30	1.321	8.450	9.771	0.132			2.8	16	19
20/01/24 21:35	1.531	9.151	10.682	0.149			3.7	23	15
20/01/24 21:40	1.323	5.922	7.246	0.251			2.4	17	21
20/01/24 21:45	1.015	5.431	6.446	0.321			2.7	16	16
20/01/24 21:50	0.883	5.592	6.475	0.197			2.3	16	21
20/01/24 21:55	0.982	6.851	7.833	0.109			3.4	16	13
20/01/24 22:00	0.979	7.184	8.163	0.142			2.0	18	22
20/01/24 22:05	1.225	7.938	9.162	0.128			2.4	14	27
20/01/24 22:10	1.256	7.751	9.007	0.015			2.4	8	28
20/01/24 22:15	1.102	6.188	7.290	0.053			2.1	5	18
20/01/24 22:20	0.969	6.569	7.539	0.013			1.0	329	42
20/01/24 22:25	0.826	6.580	7.405	0.080			2.0	262	16
20/01/24 22:30	0.986	13.719	14.705	0.171			3.1	229	13
20/01/24 22:35	3.204	35.296	38.499	0.282			2.5	237	10
20/01/24 22:40	0.951	21.578	22.529	0.330			1.7	249	18
20/01/24 22:45	0.189	20.015	20.204	0.434			1.5	240	10
20/01/24 22:50	0.230	19.245	19.475	0.547			0.8	281	20
20/01/24 22:55	0.245	18.476	18.721	0.637			1.4	238	19
20/01/24 23:00	0.307	17.166	17.472	0.661			2.0	215	07
20/01/24 23:05	0.220	12.891	13.111	0.614			1.4	220	20
20/01/24 23:10	0.096	10.165	10.261	0.446			0.8	130	49
20/01/24 23:15	0.105	9.860	9.965	0.383			0.4	153	62
20/01/24 23:20	0.096	9.789	9.885	0.390			2.9	244	13
20/01/24 23:25	0.068	10.072	10.140	0.424			3.3	258	04
20/01/24 23:30	0.086	16.129	16.215	0.659			2.8	253	04
20/01/24 23:35	0.347	24.114	24.462	1.039			2.6	258	08
20/01/24 23:40	0.430	22.919	23.349	1.287			1.6	262	12
20/01/24 23:45	0.384	19.432	19.816	1.385			2.4	266	14
20/01/24 23:50	0.282	16.683	16.965				2.3	285	13
20/01/24 23:55	0.244	10.017	10.261				1.8	294	11
21/01/24 00:00	0.217	10.639	10.855	1.522			1.5	297	11
21/01/24 00:05	0.143	11.260	11.403	1.446			1.5	263	09
21/01/24 00:10	0.035	11.168	11.203	1.326			1.6	270	11
21/01/24 00:15	0.011	10.745	10.757	1.207			1.4	284	15
21/01/24 00:20	0.105	11.041	11.146	1.143			2.3	270	08
21/01/24 00:25	0.177	11.644	11.821	1.169			2.8	271	07
21/01/24 00:30	0.198	12.426	12.624	1.160			3.1	265	07
21/01/24 00:35	0.214	12.199	12.413	1.174			5.2	247	09
21/01/24 00:40	0.223	11.037	11.260	1.259			6.9	236	05
21/01/24 00:45	0.137	7.547	7.684	1.099			6.6	240	08
21/01/24 00:50	0.029	4.918	4.947	1.055			5.2	249	07
21/01/24 00:55	-0.021	3.731	3.710	1.004			5.1	245	06
21/01/24 01:00	0.046	3.933	3.978	0.845			5.0	248	11
21/01/24 01:05							4.7	242	08
21/01/24 01:10							4.2	244	07
21/01/24 01:15							3.8	252	10
21/01/24 01:20							3.7	247	08
21/01/24 01:25							3.9	239	08
21/01/24 01:30							4.1	245	08
21/01/24 01:35							3.3	249	08
21/01/24 01:40							3.2	246	08
21/01/24 01:45							3.7	248	06
21/01/24 01:50							3.0	254	08
21/01/24 01:55							3.7	252	10
21/01/24 02:00							3.6	245	07
21/01/24 02:05	0.300	8.606	8.906	1.107			3.2	244	05
21/01/24 02:10	0.359	9.036	9.395	1.065			3.0	242	07
21/01/24 02:15	0.379	8.725	9.104	1.036			3.2	246	10
21/01/24 02:20	0.385	8.342	8.727	0.890			3.3	244	06
21/01/24 02:25	0.341	8.376	8.717	0.743			4.4	239	11
21/01/24 02:30	0.296	8.123	8.419	0.638			4.9	245	09
21/01/24 02:35	0.338	7.806	8.143	0.799			5.5	245	08
21/01/24 02:40	0.367	7.336	7.703	0.829			5.4	238	06
21/01/24 02:45	0.368	6.332	6.700	0.767			6.1	237	05
21/01/24 02:50	0.363	5.407	5.769	0.662			5.9	241	07
21/01/24 02:55	0.266	4.613	4.879	0.575			5.4	236	05
21/01/24 03:00	0.190	3.880	4.070	0.515			5.4	236	05
21/01/24 03:05	0.136	3.305	3.441	0.336			6.1	233	04
21/01/24 03:10	0.193	2.970	3.163	0.287			5.5	234	05
21/01/24 03:15	0.173	2.701	2.875	0.330			5.9	235	05
21/01/24 03:20	0.071	2.466	2.537	0.245			6.8	236	04
21/01/24 03:25	0.058	2.202	2.260	0.239			6.5	238	05
21/01/24 03:30	0.173	2.067	2.241	0.266			6.0	236	07
21/01/24 03:35	0.199	2.020	2.219	0.179			5.7	239	06
21/01/24 03:40	0.239	2.301	2.540	0.147			6.1	239	06
21/01/24 03:45	0.195	2.729	2.925	0.246			5.9	238	05
21/01/24 03:50	0.406	3.682	4.088	0.205			5.3	242	08
21/01/24 03:55	0.446	4.255	4.701	0.188			4.9	249	08
21/01/24 04:00	0.444	4.425	4.869	0.328			4.6	252	08
21/01/24 04:05	0.705	5.918	6.623	0.270			3.8	254	07
21/01/24 04:10	0.815	6.975	7.790	0.339			4.6	261	06
21/01/24 04:15	0.842	7.850	8.693	0.343			5.1	249	07
21/01/24 04:20	0.808	7.654	8.462	0.384			4.7	252	08
21/01/24 04:25	0.786	7.468	8.254	0.326			4.5	251	07
21/01/24 04:30	0.734	5.886	6.620	0.276			3.8	254	09
21/01/24 04:35	0.677	5.133	5.809	0.180			3.8	249	08
21/01/24 04:40	0.574	4.226	4.800	0.314			4.1	247	10
21/01/24 04:45	0.435	3.681	4.116	0.348			4.3	250	09
21/01/24 04:50	0.240	3.212	3.453	0.356			4.4	250	09
21/01/24 04:55	0.291	3.160	3.451	0.280			4.3	251	09
21/01/24 05:00	0.455	3.586	4.041	0.252			4.4	251	12
21/01/24 05:05	0.288	3.531	3.819	0.230			4.8	247	08
21/01/24 05:10	0.165	3.504	3.669	0.336			4.3	253	12
21/01/24 05:15	0.257	3.760	4.017	0.246			4.8	254	06
21/01/24 05:20	0.438	3.988	4.426	0.266			4.8	250	07
21/01/24 05:25	0.511	4.197	4.709	0.387			4.6	255	09
21/01/24 05:30	0.561	4.479	5.040	0.322			4.4	254	08
21/01/24 05:35	0.608	5.016	5.624	0.301			4.4	255	08
21/01/24 05:40	0.669	5.318	5.988	0.317			4.2	258	08
21/01/24 05:45	0.744	5.548	6.292	0.379			3.9	250	07
21/01/24 05:50	0.823	5.852	6.675	0.369			3.9	257	11

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/01/24 05:55	1.734	7.389	9.122	0.391			3.7	246	10
21/01/24 06:00	2.583	10.847	13.430	0.412			3.4	268	07
21/01/24 06:05	3.324	15.281	18.606	0.465			2.4	271	11
21/01/24 06:10	3.735	14.281	18.016	0.576			1.9	265	16
21/01/24 06:15	4.949	15.686	20.635	0.468			2.2	271	18
21/01/24 06:20	6.512	16.875	23.387	0.430			2.5	263	12
21/01/24 06:25	6.430	12.315	18.746	0.505			2.8	262	12
21/01/24 06:30	5.711	9.611	15.322	0.468			2.6	263	11
21/01/24 06:35	4.797	10.082	14.878	0.514			2.4	265	14
21/01/24 06:40	4.194	9.850	14.045	0.564			3.4	267	11
21/01/24 06:45	3.865	9.384	13.248	0.648			3.5	257	07
21/01/24 06:50	3.478	8.915	12.394	0.653			3.9	261	08
21/01/24 06:55	3.177	8.212	11.389	0.753			4.0	252	09
21/01/24 07:00	3.317	8.135	11.452	0.728			3.5	249	10
21/01/24 07:05	2.989	7.232	10.221	0.743			3.7	248	08
21/01/24 07:10	2.487	5.934	8.422	0.746			4.0	260	07
21/01/24 07:15	2.126	4.640	6.766	0.779			3.9	256	07
21/01/24 07:20	1.835	3.423	5.258	0.711			4.6	256	09
21/01/24 07:25	1.600	3.349	4.949	0.790			4.6	252	12
21/01/24 07:30	2.075	4.926	7.001	0.737			4.4	249	10
21/01/24 07:35	2.076	5.258	7.334	0.641			4.8	256	09
21/01/24 07:40	3.064	11.411	14.475	0.604			5.6	257	08
21/01/24 07:45	2.718	3.183	5.902	0.696			6.2	255	08
21/01/24 07:50	0.933	1.730	2.663	0.848			5.6	247	09
21/01/24 07:55	0.775	1.776	2.551	0.770			5.7	253	07
21/01/24 08:00	0.667	1.569	2.236	0.703			4.9	240	07
21/01/24 08:05	1.332	2.275	3.606	0.619			5.5	256	09
21/01/24 08:10	1.300	1.155	2.455	0.624			4.9	246	09
21/01/24 08:15	1.095	1.707	2.802	0.701			5.2	252	07
21/01/24 08:20	0.833	1.651	2.483	0.838			4.2	244	07
21/01/24 08:25	0.791	1.607	2.398	0.825			4.7	243	09
21/01/24 08:30	0.849	1.674	2.523	0.792			5.5	240	10
21/01/24 08:35	0.720	1.601	2.320	0.735			5.8	239	07
21/01/24 08:40	0.584	1.699	2.283	0.665			6.0	234	06
21/01/24 08:45	0.369	1.618	1.987	0.689			5.2	231	05
21/01/24 08:50	0.227	1.529	1.755	0.780			4.7	238	07
21/01/24 08:55	0.377	1.511	1.888	0.769			4.8	229	06
21/01/24 09:00	0.467	1.314	1.781	0.804			4.1	237	09
21/01/24 09:05	0.517	1.262	1.779	0.751			4.7	230	08
21/01/24 09:10	0.468	1.192	1.659	0.671			4.1	250	09
21/01/24 09:15	0.369	1.098	1.467	0.696			3.7	221	10
21/01/24 09:20	0.363	0.993	1.356	0.698			4.6	232	10
21/01/24 09:25	0.260	0.897	1.157	0.809			4.4	223	12
21/01/24 09:30	0.128	0.929	1.057	0.825			3.9	227	13
21/01/24 09:35	0.165	1.028	1.193	0.717			4.1	225	07
21/01/24 09:40	0.306	1.156	1.462	0.767			4.1	230	08
21/01/24 09:45	0.189	1.120	1.309	0.950			4.0	230	09
21/01/24 09:50	0.085	1.146	1.230	1.080			5.3	228	06
21/01/24 09:55	0.034	1.114	1.149	1.007			6.6	223	06
21/01/24 10:00	0.011	1.035	1.045	0.916			6.6	220	05
21/01/24 10:05	0.147	0.948	1.095	0.948			5.6	232	04
21/01/24 10:10	0.131	0.944	1.074	1.043			5.9	227	06
21/01/24 10:15	0.041	0.935	0.976	0.901			6.3	224	07
21/01/24 10:20	0.125	0.930	1.054	0.766			6.7	219	05
21/01/24 10:25	0.161	0.871	1.032	0.801			7.2	221	07
21/01/24 10:30	0.158	0.870	1.028	0.776			7.8	220	08
21/01/24 10:35	0.128	0.799	0.927	0.767			8.1	216	06
21/01/24 10:40	0.093	0.703	0.796	0.726			8.7	222	06
21/01/24 10:45	0.550	0.883	1.433	0.636			8.9	226	05
21/01/24 10:50	0.773	1.256	2.029	0.643			9.0	224	06
21/01/24 10:55	0.424	0.722	1.146	0.479			9.4	221	04
21/01/24 11:00	0.375	0.459	0.835	0.402			8.6	223	05
21/01/24 11:05	0.297	0.451	0.748	0.299			8.2	222	06
21/01/24 11:10	0.243	0.434	0.677	0.342			7.3	220	05
21/01/24 11:15	0.124	0.461	0.585	0.456			7.6	218	06
21/01/24 11:20	0.155	0.530	0.685	0.378			8.2	221	04
21/01/24 11:25	0.141	0.490	0.631	0.253			7.7	216	05
21/01/24 11:30	0.126	0.589	0.715	0.254			8.0	223	07
21/01/24 11:35	0.158	0.688	0.846	0.272			8.4	230	05
21/01/24 11:40	0.175	0.689	0.864	0.351			9.2	226	06
21/01/24 11:45	0.225	0.649	0.874	0.427			8.7	222	06
21/01/24 11:50	0.400	0.762	1.162	0.425			9.7	226	08
21/01/24 11:55	1.312	0.838	2.150	0.352			10.5	231	03
21/01/24 12:00				0.256			10.1	223	04
21/01/24 12:05	0.312	0.280	0.592	0.336			9.7	230	05
21/01/24 12:10	0.170	0.399	0.569	0.317			8.2	232	06
21/01/24 12:15	0.146	0.496	0.642	0.270			7.2	221	05
21/01/24 12:20	0.126	0.550	0.676	0.178			6.2	219	07
21/01/24 12:25	0.130	0.551	0.681	0.211			5.8	215	07
21/01/24 12:30	0.084	0.553	0.637	0.260			6.2	220	10
21/01/24 12:35	0.095	0.582	0.676	0.272			6.9	203	04
21/01/24 12:40	0.109	0.637	0.746	0.378			6.4	202	06
21/01/24 12:45	0.068	0.672	0.740	0.398			6.7	208	05
21/01/24 12:50	-0.017	0.724	0.707	0.295			6.0	207	06
21/01/24 12:55	0.534	0.821	1.355	0.206			6.7	201	08
21/01/24 13:00	1.555	0.137	1.692	0.264			5.9	195	09
21/01/24 13:05	1.987	0.791	2.778	0.242			6.6	200	06
21/01/24 13:10	0.622	0.641	1.263	0.279			6.8	199	06
21/01/24 13:15	1.584	4.130	5.714	0.303			5.4	196	07
21/01/24 13:20				0.392			6.2	196	07
21/01/24 13:25	6.508	0.935	7.443	0.436			6.4	193	07
21/01/24 13:30	52.726	17.206	69.932	0.574			6.9	194	08
21/01/24 13:35				0.800			6.6	195	05
21/01/24 13:40	91.877	9.634	101.512	0.930			6.5	193	06
21/01/24 13:45	79.136	10.598	89.734	0.990			6.7	193	06
21/01/24 13:50	76.602	11.165	87.768	0.924			6.5	195	07
21/01/24 13:55	38.715	22.526	61.241	0.897			7.1	193	07
21/01/24 14:00				0.957			7.0	194	06
21/01/24 14:05	109.018	17.462	126.480	1.054			6.7	193	06
21/01/24 14:10	90.858	31.050	121.907	1.029			6.8	192	07
21/01/24 14:15				1.201			7.2	193	04
21/01/24 14:20	65.366	21.262	86.629	1.332			6.9	193	06
21/01/24 14:25	3.682	1.434	5.115	1.286			7.0	195	06
21/01/24 14:30	90.543	2.159	92.702	1.289			6.8	194	06
21/01/24 14:35	10.164	4.857	15.021	1.086			7.1	196	05
21/01/24 14:40	7.365	6.521	13.885	0.844			7.3	196	07

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/01/24 14:45	8.226	2.658	10.884	0.765			7.2	195	08
21/01/24 14:50	5.122	2.018	7.140	0.561			7.8	195	06
21/01/24 14:55	35.635	4.492	40.128	0.484			7.5	193	08
21/01/24 15:00	4.407	2.369	6.776	0.776			8.0	197	07
21/01/24 15:05	3.150	1.621	4.770	0.846			7.9	195	07
21/01/24 15:10	4.970	1.839	6.808	0.726			7.4	195	07
21/01/24 15:15				0.641			8.3	197	05
21/01/24 15:20	0.356	0.436	0.792	0.617			8.8	198	05
21/01/24 15:25	0.460	0.757	1.218	0.589			7.6	198	05
21/01/24 15:30	42.916	7.449	50.365	0.538			7.0	194	06
21/01/24 15:35	19.214	2.772	21.986	0.658			6.7	195	05
21/01/24 15:40	47.271	18.108	65.378	0.716			7.0	195	06
21/01/24 15:45	32.478	9.666	42.144	0.670			7.0	195	06
21/01/24 15:50	2.656	3.013	5.669	0.718			7.8	196	06
21/01/24 15:55	1.316	0.948	2.264	0.593			6.9	196	07
21/01/24 16:00	24.742	6.076	30.817	0.669			6.8	195	08
21/01/24 16:05	2.339	1.148	3.488	0.580			7.1	195	06
21/01/24 16:10				0.491			6.7	196	06
21/01/24 16:15	1.545	0.762	2.307	0.458			7.2	197	04
21/01/24 16:20	0.549	0.922	1.471	0.536			8.0	201	06
21/01/24 16:25				0.494			7.2	195	07
21/01/24 16:30				0.524			6.9	195	07
21/01/24 16:35	3.127	1.965	5.091	0.432			6.8	196	06
21/01/24 16:40	0.131	0.391	0.522	0.398			7.7	199	06
21/01/24 16:45	13.128	7.311	20.440	0.305			6.9	195	06
21/01/24 16:50	5.674	4.154	9.828	0.419			7.3	198	07
21/01/24 16:55	2.243	0.732	2.975	0.546			8.0	198	06
21/01/24 17:00	1.178	0.918	2.096	0.462			7.8	197	05
21/01/24 17:05	0.445	1.251	1.695	0.402			8.2	201	05
21/01/24 17:10	0.420	1.173	1.593	0.367			8.2	201	05
21/01/24 17:15	0.345	0.869	1.214	0.333			8.3	200	07
21/01/24 17:20				0.394			7.3	193	06
21/01/24 17:25				0.884			7.0	193	07
21/01/24 17:30	1.458	1.965	3.422	0.841			8.4	199	05
21/01/24 17:35	-0.040	0.733	0.693	0.546			8.5	199	05
21/01/24 17:40	0.130	0.791	0.921	0.487			8.8	198	04
21/01/24 17:45	0.562	0.844	1.406	0.415			7.9	196	06
21/01/24 17:50	3.669	1.412	5.081	0.210			7.9	197	07
21/01/24 17:55	1.908	1.986	3.894	0.137			7.0	195	06
21/01/24 18:00	1.472	1.354	2.826	0.128			7.8	197	06
21/01/24 18:05	13.800	4.954	18.754	0.130			6.7	195	07
21/01/24 18:10	83.576	11.783	95.359	0.558			6.4	196	07
21/01/24 18:15	49.692	11.031	60.723	0.845			6.7	197	07
21/01/24 18:20	24.745	5.009	29.754	0.925			7.4	196	06
21/01/24 18:25	2.776	3.384	6.160	0.827			7.7	194	06
21/01/24 18:30	113.442	18.928	132.369	0.977			7.5	192	07
21/01/24 18:35	133.000	12.922	145.922	1.226			6.8	195	07
21/01/24 18:40	126.799	12.274	139.073	1.550			7.7	194	05
21/01/24 18:45	57.148	20.872	78.021	1.546			7.1	193	08
21/01/24 18:50	30.740	1.055	31.796	1.067			6.8	195	06
21/01/24 18:55				0.951			7.3	195	06
21/01/24 19:00	5.237	0.359	5.596	0.863			6.8	195	07
21/01/24 19:05	19.419	4.487	23.906	0.634			7.7	194	07
21/01/24 19:10	21.011	10.831	31.842	0.701			6.8	194	07
21/01/24 19:15	3.296	2.550	5.846	0.473			7.7	199	06
21/01/24 19:20				0.414			7.2	194	07
21/01/24 19:25	5.539	2.989	8.528	0.427			7.0	194	08
21/01/24 19:30	10.968	1.700	12.669	0.296			6.9	195	08
21/01/24 19:35	34.984	0.617	35.600	0.382			7.0	194	07
21/01/24 19:40				0.373			7.3	195	06
21/01/24 19:45	66.769	6.355	73.124	0.500			7.6	194	07
21/01/24 19:50	5.608	0.197	5.804	0.527			7.4	195	07
21/01/24 19:55				0.616			7.4	193	05
21/01/24 20:00	4.729	3.011	7.740	0.568			7.8	197	06
21/01/24 20:05	11.260	1.484	12.744	0.532			7.0	194	08
21/01/24 20:10				0.420			6.8	194	07
21/01/24 20:15	38.922	12.971	51.893	0.534			6.9	194	07
21/01/24 20:20	52.894	22.851	75.745	0.677			6.7	192	08
21/01/24 20:25	78.154	19.107	97.261	1.042			7.0	193	05
21/01/24 20:30	17.560	2.664	20.225	1.074			7.8	196	06
21/01/24 20:35	4.423	5.662	10.085	0.924			7.1	194	10
21/01/24 20:40	8.520	1.447	9.967	0.882			6.9	194	09
21/01/24 20:45	9.392	10.471	19.862	0.745			7.7	194	07
21/01/24 20:50	32.817	3.604	36.421	0.698			7.6	197	06
21/01/24 20:55	0.452	1.424	1.876	0.686			8.0	198	07
21/01/24 21:00	1.058	1.993	3.051	0.636			7.6	197	07
21/01/24 21:05	13.522	10.141	23.663	0.606			7.3	194	07
21/01/24 21:10	160.646	26.293	186.939	0.849			7.6	194	06
21/01/24 21:15				0.944			8.6	195	04
21/01/24 21:20	59.436	10.181	69.617	1.055			7.9	195	05
21/01/24 21:25	46.291	13.187	59.478	1.017			6.6	195	08
21/01/24 21:30	10.460	2.885	13.345	0.828			7.1	195	06
21/01/24 21:35	51.093	1.603	52.696	1.018			7.4	192	06
21/01/24 21:40	2.576	2.771	5.348	0.831			8.5	199	05
21/01/24 21:45	0.839	0.818	1.657	0.606			8.8	201	05
21/01/24 21:50	0.688	0.173	0.861	0.418			7.3	196	07
21/01/24 21:55	1.488	0.531	2.019	0.354			7.0	197	08
21/01/24 22:00	1.047	1.119	2.166	0.249			7.2	198	05
21/01/24 22:05	0.581	1.717	2.298	0.408			6.7	201	07
21/01/24 22:10	0.903	2.131	3.034	0.401			7.1	195	06
21/01/24 22:15	2.826	1.784	4.609	0.400			7.4	196	09
21/01/24 22:20	2.558	0.840	3.398	0.457			7.5	196	05
21/01/24 22:25	32.021	4.448	36.470	0.523			6.8	196	07
21/01/24 22:30	17.488	14.613	32.101	0.589			7.1	197	06
21/01/24 22:35				0.553			6.5	195	06
21/01/24 22:40	5.143	1.915	7.058	0.542			7.1	197	06
21/01/24 22:45	12.438	9.495	21.933	0.470			5.9	195	08
21/01/24 22:50	25.159	7.280	32.439	0.383			6.3	194	08
21/01/24 22:55	59.996	11.679	71.675	0.394			6.4	194	07
21/01/24 23:00	94.034	6.048	100.082	0.609			6.8	194	09
21/01/24 23:05	17.531	14.968	32.499	0.842			6.8	193	07
21/01/24 23:10	25.984	9.323	35.307	0.817			6.1	193	06
21/01/24 23:15	25.748	3.798	29.545	0.605			6.3	194	08
21/01/24 23:20	9.794	9.935	19.729	0.679			6.7	194	06
21/01/24 23:25	21.096	2.946	24.042	0.538			6.5	193	07
21/01/24 23:30	6.381	2.895	9.276	0.528			6.1	195	08

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
21/01/24 23:35	3.993	5.554	9.547	0.563			6.1	197	08
21/01/24 23:40	1.195	0.751	1.946	0.601			6.2	197	06
21/01/24 23:45	1.473	1.708	3.180	0.537			6.3	197	06
21/01/24 23:50	4.683	2.992	7.675				6.5	194	06
21/01/24 23:55	1.924	3.025	4.949				5.4	196	07
22/01/24 00:00	4.609	1.308	5.918				5.9	195	07
22/01/24 00:05	11.960	1.230	13.190				6.2	196	07
22/01/24 00:10	2.079	0.803	2.882				6.2	196	06
22/01/24 00:15							6.1	194	07
22/01/24 00:20	1.218	0.622	1.839				6.7	196	07
22/01/24 00:25							6.5	196	08
22/01/24 00:30	50.438	1.033	51.471				5.6	192	08
22/01/24 00:35	13.730	4.396	18.126				6.8	193	06
22/01/24 00:40	9.477	3.869	13.346				6.2	194	07
22/01/24 00:45	97.614	6.817	104.431				7.0	194	07
22/01/24 00:50	4.089	4.028	8.117				6.6	197	06
22/01/24 00:55	2.179	1.304	3.482				6.8	195	06
22/01/24 01:00	9.073	11.546	20.619				6.8	194	07
22/01/24 01:05							6.8	192	09
22/01/24 01:10							6.6	193	07
22/01/24 01:15							6.4	194	07
22/01/24 01:20							6.3	198	07
22/01/24 01:25							6.0	196	06
22/01/24 01:30							6.1	197	05
22/01/24 01:35							5.2	197	08
22/01/24 01:40							5.4	197	07
22/01/24 01:45							6.1	201	07
22/01/24 01:50							5.6	194	06
22/01/24 01:55							6.1	195	05
22/01/24 02:00							4.7	195	06
22/01/24 02:05	24.289	11.276	35.565	0.346			3.5	184	15
22/01/24 02:10	48.014	14.674	62.688	0.530			4.1	192	13
22/01/24 02:15	40.596	8.410	49.007	0.651			4.7	191	11
22/01/24 02:20	76.517	12.730	89.248	0.643			5.4	191	08
22/01/24 02:25	66.599	19.377	85.976	0.661			3.9	189	15
22/01/24 02:30	101.416	22.123	123.539	0.672			5.1	191	10
22/01/24 02:35	72.365	15.459	87.824	0.664			5.3	195	08
22/01/24 02:40	48.884	11.282	60.167	0.644			6.4	194	06
22/01/24 02:45	38.544	34.379	72.923	0.522			6.1	192	07
22/01/24 02:50				0.406			6.2	195	06
22/01/24 02:55	23.789	8.098	31.886	0.443			6.4	193	06
22/01/24 03:00	150.522	20.706	171.229	0.592			5.9	193	06
22/01/24 03:05	79.771	11.642	91.413	0.760			6.0	193	05
22/01/24 03:10				0.740			6.3	195	05
22/01/24 03:15	32.146	7.996	40.141	0.423			4.3	189	12
22/01/24 03:20	22.517	6.556	29.073	0.584			3.5	181	15
22/01/24 03:25	40.028	3.243	43.271	0.529			4.3	192	09
22/01/24 03:30	30.094	8.989	39.083	0.452			3.4	179	17
22/01/24 03:35	26.793	7.807	34.599	0.504			3.6	180	17
22/01/24 03:40	30.895	10.568	41.463	0.407			3.5	183	12
22/01/24 03:45	90.059	14.186	104.245	0.540			5.0	191	10
22/01/24 03:50	56.239	10.727	66.967	0.710			4.5	187	16
22/01/24 03:55	102.660	23.830	126.490	0.704			4.5	191	12
22/01/24 04:00	80.899	13.394	94.293	0.812			5.5	192	09
22/01/24 04:05	69.455	19.889	89.344	0.878			4.5	188	14
22/01/24 04:10	78.072	9.122	87.194	0.846			5.5	189	11
22/01/24 04:15	61.133	3.848	64.980	0.707			4.1	180	17
22/01/24 04:20	30.842	5.807	36.649	0.456			3.8	181	15
22/01/24 04:25	27.066	4.541	31.608	0.559			3.3	174	22
22/01/24 04:30	17.313	9.195	26.508	0.347			3.7	175	19
22/01/24 04:35	33.596	13.558	47.154	0.445			4.0	178	18
22/01/24 04:40	11.336	6.230	17.566	0.274			3.1	170	21
22/01/24 04:45	7.489	7.121	14.610	0.215			2.8	173	25
22/01/24 04:50	38.119	8.364	46.483	0.257			4.0	181	17
22/01/24 04:55	36.917	13.170	50.087	0.379			3.8	188	13
22/01/24 05:00	50.922	10.876	61.799	0.367			3.7	180	20
22/01/24 05:05	64.132	18.500	82.632	0.336			4.3	188	13
22/01/24 05:10	111.498	6.090	117.588	0.553			4.3	184	14
22/01/24 05:15	73.607	11.342	84.949	0.592			3.7	189	14
22/01/24 05:20	47.216	17.131	64.347	0.698			4.1	183	21
22/01/24 05:25	48.758	19.700	68.457	0.633			3.8	179	16
22/01/24 05:30	43.747	15.881	59.628	0.527			4.3	187	12
22/01/24 05:35	56.947	15.313	72.261	0.673			3.4	181	20
22/01/24 05:40	9.253	5.086	14.339	0.481			2.3	165	29
22/01/24 05:45	3.471	2.195	5.665	0.346			2.3	165	26
22/01/24 05:50	2.660	2.235	4.895	0.304			2.7	160	25
22/01/24 05:55	29.391	6.247	35.638	0.314			3.1	187	18
22/01/24 06:00	41.017	13.220	54.237	0.428			4.2	196	10
22/01/24 06:05	53.842	13.558	67.400	0.435			3.6	189	16
22/01/24 06:10	114.348	24.941	139.289	0.712			4.3	195	09
22/01/24 06:15	101.598	13.882	115.479	0.995			3.6	191	16
22/01/24 06:20	65.579	13.976	79.555	1.184			4.1	195	12
22/01/24 06:25	129.935	16.565	146.500	1.246			3.5	194	14
22/01/24 06:30	55.172	20.836	76.008	1.118			3.2	188	20
22/01/24 06:35	76.699	21.277	97.976	0.960			4.0	188	22
22/01/24 06:40	7.639	0.501	8.140	0.811			3.7	153	22
22/01/24 06:45	6.763	6.372	13.134	0.611			3.2	161	23
22/01/24 06:50	13.679	7.240	20.919	0.509			3.1	175	24
22/01/24 06:55	14.498	8.592	23.090	0.486			3.2	173	24
22/01/24 07:00	4.226	2.361	6.587	0.242			3.2	164	26
22/01/24 07:05	6.129	4.073	10.202	0.231			3.6	164	24
22/01/24 07:10	54.657	15.946	70.603	0.217			3.5	187	20
22/01/24 07:15	64.204	12.126	76.330	0.338			3.7	191	15
22/01/24 07:20	47.536	8.209	55.745	0.613			3.1	174	22
22/01/24 07:25	46.979	11.254	58.233	0.535			3.9	194	16
22/01/24 07:30	50.017	19.472	69.489	0.618			3.3	194	17
22/01/24 07:35	50.110	13.855	63.965	0.732			3.6	197	10
22/01/24 07:40	53.997	34.101	88.097	0.826			3.4	182	16
22/01/24 07:45	52.180	20.041	72.221	0.885			3.0	193	19
22/01/24 07:50	48.799	20.394	69.193	0.962			4.0	196	14
22/01/24 07:55	65.131	22.192	87.323	0.962			3.4	193	15
22/01/24 08:00	68.765	18.126	86.891	0.953			3.2	188	17
22/01/24 08:05	64.524	18.750	83.273	0.921			3.5	193	15
22/01/24 08:10	82.280	21.056	103.336	0.882			3.5	197	12
22/01/24 08:15	57.556	16.647	74.203	0.930			4.1	192	12
22/01/24 08:20	51.811	17.879	69.689	0.851			3.7	193	15

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/01/24 08:25	36.113	10.887	47.000	0.737			3.3	185	18
22/01/24 08:30	23.544	4.452	27.996	0.601			3.1	182	22
22/01/24 08:35	38.840	8.363	47.202	0.471			3.2	173	25
22/01/24 08:40	43.543	15.944	59.488	0.493			3.0	180	20
22/01/24 08:45	20.903	8.397	29.299	0.496			3.1	173	23
22/01/24 08:50	59.876	11.173	71.050	0.590			3.1	183	23
22/01/24 08:55	47.235	13.891	61.125	0.655			3.6	196	13
22/01/24 09:00	53.856	11.307	65.163	0.615			2.9	181	19
22/01/24 09:05	78.822	13.483	92.305	0.683			3.1	184	17
22/01/24 09:10	19.257	8.459	27.716	0.627			2.8	172	24
22/01/24 09:15	8.037	5.384	13.421	0.514			3.1	142	21
22/01/24 09:20	6.172	3.997	10.170	0.430			3.3	164	25
22/01/24 09:25	16.222	4.891	21.113	0.463			3.2	166	23
22/01/24 09:30	12.076	5.441	17.517	0.448			3.6	161	23
22/01/24 09:35	18.133	7.685	25.818	0.278			3.4	172	21
22/01/24 09:40	33.970	9.183	43.153	0.395			3.1	168	28
22/01/24 09:45	5.423	2.719	8.142	0.404			4.4	140	17
22/01/24 09:50	4.481	2.907	7.388	0.442			4.1	144	19
22/01/24 09:55	4.992	3.934	8.926	0.331			3.9	148	18
22/01/24 10:00	6.485	4.582	11.067	0.318			3.3	148	21
22/01/24 10:05	19.188	4.831	24.019	0.361			2.9	172	24
22/01/24 10:10	33.738	9.446	43.184	0.405			2.8	183	22
22/01/24 10:15	24.846	8.495	33.342	0.391			2.4	178	23
22/01/24 10:20	11.086	4.508	15.594	0.372			2.7	170	25
22/01/24 10:25	22.509	3.009	25.519	0.252			2.7	166	26
22/01/24 10:30	2.386	1.780	4.166	0.201			2.5	155	25
22/01/24 10:35	9.854	6.456	16.310	0.197			2.8	171	28
22/01/24 10:40	58.368	15.477	73.846	0.396			2.7	187	22
22/01/24 10:45	14.903	6.285	21.188	0.401			2.5	172	26
22/01/24 10:50	28.470	5.850	34.320	0.430			2.9	182	22
22/01/24 10:55	30.258	1.475	31.734	0.493			3.0	187	19
22/01/24 11:00	32.782	15.031	47.813	0.637			2.6	184	22
22/01/24 11:05	31.264	10.796	42.059	0.555			3.0	183	21
22/01/24 11:10	57.192	13.328	70.519	0.593			3.0	193	16
22/01/24 11:15	40.612	2.223	42.835	0.694			2.7	190	20
22/01/24 11:20	26.384	11.914	38.298	0.788			2.9	185	23
22/01/24 11:25	55.641	10.445	66.086	0.745			3.4	197	15
22/01/24 11:30	16.133	9.058	25.191	0.713			4.1	200	08
22/01/24 11:35	40.305	8.538	48.842	0.712			3.8	193	15
22/01/24 11:40				0.797			4.5	197	10
22/01/24 11:45	33.135	12.692	45.827	0.753			4.5	198	10
22/01/24 11:50	107.830	7.262	115.092	0.833			4.0	197	10
22/01/24 11:55	53.801	6.155	59.957	1.003			3.7	194	14
22/01/24 12:00	15.454	8.009	23.463	1.004			2.8	178	23
22/01/24 12:05	57.969	27.153	85.122	0.968			3.7	197	11
22/01/24 12:10	41.803	10.366	52.169	0.872			3.8	197	11
22/01/24 12:15	41.425	19.908	61.333	0.837			3.7	196	10
22/01/24 12:20	35.917	5.599	41.516	0.732			4.0	199	09
22/01/24 12:25	24.711	5.801	30.512	0.621			4.4	197	09
22/01/24 12:30	23.568	6.814	30.383	0.457			4.7	200	10
22/01/24 12:35	10.710	2.807	13.517	0.425			4.4	196	10
22/01/24 12:40	13.965	7.836	21.801	0.387			4.4	195	10
22/01/24 12:45	12.525	6.797	19.322	0.402			4.0	198	10
22/01/24 12:50	35.534	8.830	44.363	0.521			4.3	195	10
22/01/24 12:55	20.198	1.744	21.942	0.569			4.6	195	10
22/01/24 13:00	14.678	6.650	21.328	0.591			4.4	197	11
22/01/24 13:05	45.995	2.337	48.332	0.646			4.2	197	11
22/01/24 13:10	23.278	11.879	35.156	0.644			4.5	199	10
22/01/24 13:15	9.284	6.914	16.198	0.584			4.4	196	11
22/01/24 13:20	19.221	4.939	24.160	0.530			4.3	197	11
22/01/24 13:25	38.984	0.248	39.231	0.505			4.4	199	09
22/01/24 13:30	14.589	7.207	21.796	0.507			4.3	196	10
22/01/24 13:35	30.900	23.212	54.112	0.512			4.3	199	10
22/01/24 13:40	17.203	4.142	21.345	0.722			4.4	197	11
22/01/24 13:45	21.359	8.806	30.165	0.782			4.6	198	11
22/01/24 13:50	9.763	5.839	15.602	0.822			4.1	197	10
22/01/24 13:55	14.530	6.154	20.684	0.874			4.3	195	09
22/01/24 14:00	11.099	4.028	15.127	0.911			4.5	194	10
22/01/24 14:05	9.518	3.878	13.395	0.835			4.5	197	09
22/01/24 14:10	9.167	5.751	14.918	0.688			4.2	198	10
22/01/24 14:15	38.535	14.397	52.932	0.852			4.4	198	11
22/01/24 14:20	11.479	7.361	18.840	0.972			4.5	196	12
22/01/24 14:25	16.336	5.462	21.798	0.912			4.4	197	11
22/01/24 14:30	14.451	8.437	22.888	1.002			4.6	193	12
22/01/24 14:35	10.784	3.339	14.123	1.040			4.1	195	12
22/01/24 14:40	18.060	7.704	25.764	1.083			4.4	198	11
22/01/24 14:45	11.376	7.423	18.798	1.053			4.5	193	12
22/01/24 14:50	11.024	5.630	16.654	0.896			4.5	197	11
22/01/24 14:55	7.069	4.485	11.554	0.970			4.4	198	12
22/01/24 15:00	24.363	4.205	28.568	0.861			4.5	197	09
22/01/24 15:05	21.277	12.207	33.484	0.824			5.0	195	10
22/01/24 15:10	59.783	15.049	74.832	0.721			4.8	196	10
22/01/24 15:15	22.320	5.956	28.276	0.812			4.3	199	10
22/01/24 15:20	97.397	7.822	105.219	0.939			4.3	197	11
22/01/24 15:25	35.293	15.371	50.664	0.942			4.3	197	10
22/01/24 15:30	21.207	4.532	25.739	0.958			4.9	198	11
22/01/24 15:35	53.302	16.961	70.263	0.914			4.6	198	10
22/01/24 15:40	91.391	9.047	100.437	1.063			4.3	198	10
22/01/24 15:45	32.784	13.730	46.514	1.221			4.7	200	11
22/01/24 15:50	22.190	15.128	37.318	0.966			4.7	200	11
22/01/24 15:55	62.875	14.165	77.040	1.049			4.4	198	11
22/01/24 16:00	22.461	1.557	24.018	1.001			5.6	196	08
22/01/24 16:05	7.166	10.298	17.464	0.901			6.1	195	08
22/01/24 16:10	101.232	21.934	123.166	1.149			5.7	195	06
22/01/24 16:15	51.483	23.217	74.700	1.329			5.9	195	07
22/01/24 16:20	15.635	0.378	16.013	1.078			6.6	195	06
22/01/24 16:25				0.866			6.1	194	07
22/01/24 16:30	36.200	5.343	41.543	1.010			6.6	196	06
22/01/24 16:35	13.958	10.706	24.664	0.692			6.5	196	07
22/01/24 16:40	3.652	1.591	5.243	0.440			6.8	198	05
22/01/24 16:45	1.669	2.230	3.899	0.361			6.8	196	05
22/01/24 16:50	17.963	12.387	30.350	0.307			6.7	195	05
22/01/24 16:55	43.258	12.400	55.657	0.437			6.6	197	04
22/01/24 17:00	1.221	1.783	3.005	0.174			6.4	197	05
22/01/24 17:05	18.483	13.243	31.726	0.182			6.2	196	06
22/01/24 17:10	11.357	6.699	18.056	0.256			5.7	194	07

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/01/24 17:15	28.345	12.814	41.159	0.057			5.0	192	11
22/01/24 17:20	60.313	4.906	65.218	0.421			4.9	195	07
22/01/24 17:25	16.426	0.454	16.879	0.434			5.9	197	05
22/01/24 17:30	37.411	4.384	41.795	0.537			3.9	189	15
22/01/24 17:35	27.841	13.172	41.013	0.452			3.9	189	13
22/01/24 17:40	60.540	15.838	76.377	0.673			4.5	193	11
22/01/24 17:45	11.320	2.338	13.659	0.521			5.4	197	06
22/01/24 17:50	33.109	11.085	44.194	0.485			4.8	192	10
22/01/24 17:55	59.864	5.189	65.053	0.611			4.4	191	11
22/01/24 18:00	69.693	19.022	88.715	0.705			3.4	177	18
22/01/24 18:05	93.009	26.771	119.781	0.835			4.8	195	09
22/01/24 18:10	94.148	10.883	105.031	1.061			4.5	190	13
22/01/24 18:15	87.661	19.900	107.560	1.015			3.3	175	18
22/01/24 18:20	127.557	21.963	149.520	1.180			3.6	183	17
22/01/24 18:25	62.259	23.401	85.659	1.059			3.6	173	19
22/01/24 18:30	43.078	13.244	56.321	0.996			3.6	177	18
22/01/24 18:35	127.868	9.598	137.466	0.977			3.4	177	16
22/01/24 18:40	57.994	12.691	70.685	1.073			2.6	174	26
22/01/24 18:45				0.856			2.5	166	28
22/01/24 18:50	0.484	0.813	1.297	0.549			2.8	172	22
22/01/24 18:55	0.457	0.845	1.302	0.276			2.4	166	27
22/01/24 19:00	0.386	0.868	1.254	0.267			3.1	180	19
22/01/24 19:05	0.407	0.846	1.254	0.213			3.3	170	25
22/01/24 19:10	0.374	0.820	1.194	0.185			3.1	163	26
22/01/24 19:15	0.261	0.828	1.089	0.212			2.5	165	26
22/01/24 19:20	0.070	0.807	0.877	0.182			4.1	139	19
22/01/24 19:25	0.055	0.738	0.793	0.140			4.7	144	16
22/01/24 19:30	0.035	0.770	0.806	0.175			4.1	148	20
22/01/24 19:35	0.049	0.668	0.717	0.239			3.1	149	26
22/01/24 19:40	0.069	0.752	0.821	0.215			3.9	143	20
22/01/24 19:45	0.004	0.747	0.751	0.051			3.9	153	21
22/01/24 19:50	-0.075	0.755	0.679	-0.056			3.1	153	27
22/01/24 19:55	-0.096	0.737	0.641	-0.064			4.0	144	17
22/01/24 20:00	-0.056	0.769	0.713	-0.092			2.8	151	25
22/01/24 20:05	0.064	0.825	0.889	0.017			2.7	156	29
22/01/24 20:10	0.073	0.791	0.864	0.028			3.0	154	22
22/01/24 20:15	0.096	0.775	0.871	0.152			4.1	142	16
22/01/24 20:20	0.027	0.758	0.785	0.216			2.6	170	28
22/01/24 20:25	0.015	0.796	0.811	0.178			4.2	139	14
22/01/24 20:30	-0.055	0.892	0.837	0.192			2.4	125	21
22/01/24 20:35	0.011	1.001	1.012	0.139			2.9	125	19
22/01/24 20:40	0.006	1.081	1.087	0.153			2.9	127	20
22/01/24 20:45	0.067	1.050	1.117	0.188			2.4	121	21
22/01/24 20:50	0.105	1.017	1.122	0.182			3.6	131	15
22/01/24 20:55	0.107	0.987	1.094	0.092			2.5	126	19
22/01/24 21:00	0.167	0.996	1.163	0.127			3.0	142	22
22/01/24 21:05	0.218	1.053	1.271	0.157			3.4	138	15
22/01/24 21:10	0.111	0.998	1.109	0.190			3.3	138	17
22/01/24 21:15	0.060	1.019	1.080	0.089			3.5	135	13
22/01/24 21:20	0.071	1.021	1.092	-0.098			2.8	133	20
22/01/24 21:25	0.009	0.989	0.997	-0.035			3.4	133	16
22/01/24 21:30	0.008	0.968	0.975	0.094			3.4	133	14
22/01/24 21:35	0.082	0.922	1.004	0.049			2.1	123	20
22/01/24 21:40	0.167	0.998	1.165	-0.042			3.5	116	08
22/01/24 21:45	0.179	1.064	1.244	-0.008			3.5	115	09
22/01/24 21:50	0.093	1.104	1.198	0.000			2.8	126	15
22/01/24 21:55	0.122	1.097	1.219	0.011			2.7	135	15
22/01/24 22:00	0.159	1.082	1.241	-0.014			2.8	138	17
22/01/24 22:05	0.122	1.156	1.278	0.102			2.5	137	22
22/01/24 22:10	0.164	1.114	1.278	0.075			2.6	143	17
22/01/24 22:15	0.239	1.068	1.307	0.048			3.0	140	15
22/01/24 22:20	0.245	0.997	1.242	0.019			3.0	139	17
22/01/24 22:25	0.220	0.960	1.180	-0.082			3.4	140	15
22/01/24 22:30	0.303	0.811	1.114	0.112			2.4	138	22
22/01/24 22:35	0.365	0.747	1.112	0.001			3.0	131	16
22/01/24 22:40	0.309	0.700	1.009	-0.151			2.7	136	21
22/01/24 22:45	0.219	0.694	0.913	-0.113			2.8	136	18
22/01/24 22:50	0.251	0.718	0.969	-0.042			2.7	140	17
22/01/24 22:55	0.231	0.742	0.973	-0.030			3.3	140	15
22/01/24 23:00	0.158	0.764	0.922	0.031			3.3	144	15
22/01/24 23:05	0.134	0.763	0.896	0.055			2.9	136	15
22/01/24 23:10	0.071	0.743	0.814	0.055			2.9	138	17
22/01/24 23:15	0.038	0.776	0.814	0.028			2.9	146	17
22/01/24 23:20	0.039	0.776	0.816	-0.001			2.4	157	24
22/01/24 23:25	0.048	0.704	0.752	-0.040			2.2	145	25
22/01/24 23:30	0.124	0.699	0.823	-0.030			2.5	141	18
22/01/24 23:35	0.033	0.680	0.712	-0.123			2.8	148	19
22/01/24 23:40	0.022	0.682	0.705	-0.089			2.3	148	22
22/01/24 23:45	-0.145	0.723	0.578	-0.058			2.4	148	23
22/01/24 23:50	-0.147	0.661	0.513				3.1	147	18
22/01/24 23:55	-0.145	0.685	0.540				2.3	146	28
23/01/24 00:00	-0.044	0.695	0.651				2.9	148	23
23/01/24 00:05	0.043	0.760	0.803				3.1	138	20
23/01/24 00:10	-0.081	0.797	0.716				3.3	143	16
23/01/24 00:15	-0.139	0.815	0.675				3.5	144	17
23/01/24 00:20	-0.140	0.767	0.627				2.9	142	21
23/01/24 00:25	-0.011	0.770	0.759				3.1	140	15
23/01/24 00:30	0.013	0.775	0.788				2.7	150	20
23/01/24 00:35	-0.032	0.867	0.835				2.2	154	23
23/01/24 00:40	0.016	0.922	0.937				1.9	158	26
23/01/24 00:45	0.015	0.971	0.987				1.8	152	34
23/01/24 00:50	-0.026	1.024	0.998				3.5	137	13
23/01/24 00:55	-0.108	1.075	0.968				3.0	135	14
23/01/24 01:00	-0.200	1.135	0.935				2.8	144	18
23/01/24 01:05							3.2	136	14
23/01/24 01:10							2.7	133	16
23/01/24 01:15							1.6	126	27
23/01/24 01:20							1.9	130	19
23/01/24 01:25							2.1	139	22
23/01/24 01:30							1.6	143	28
23/01/24 01:35							2.9	149	18
23/01/24 01:40							2.4	141	19
23/01/24 01:45							2.6	136	18
23/01/24 01:50							2.7	136	16
23/01/24 01:55							2.2	128	19
23/01/24 02:00							1.8	120	22

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/01/24 02:05	0.016	1.927	1.943	0.478			2.1	124	19
23/01/24 02:10	0.067	2.130	2.197	0.374			1.8	117	19
23/01/24 02:15	0.074	2.390	2.464	0.468			2.6	123	15
23/01/24 02:20	0.090	2.691	2.781	0.459			2.0	124	16
23/01/24 02:25	0.140	2.940	3.080	0.566			1.6	126	19
23/01/24 02:30	0.083	3.172	3.255	0.528			1.9	118	14
23/01/24 02:35	0.030	3.347	3.377	0.539			1.5	111	22
23/01/24 02:40	-0.002	3.621	3.619	0.490			1.5	75	12
23/01/24 02:45	0.039	3.941	3.981	0.572			1.2	72	16
23/01/24 02:50	0.122	4.404	4.526	0.559			1.0	79	27
23/01/24 02:55	0.119	4.838	4.957	0.579			0.7	79	24
23/01/24 03:00	0.137	5.244	5.381	0.665			1.2	46	11
23/01/24 03:05	0.135	5.406	5.541	0.632			1.1	50	14
23/01/24 03:10	0.107	5.363	5.470	0.613			1.6	93	24
23/01/24 03:15	0.281	5.255	5.536	0.588			1.5	92	13
23/01/24 03:20	0.295	5.021	5.316	0.638			1.1	82	16
23/01/24 03:25	0.104	5.063	5.167	0.558			1.2	48	10
23/01/24 03:30	0.157	5.192	5.349	0.564			1.1	71	17
23/01/24 03:35	0.177	5.447	5.624	0.476			1.1	74	19
23/01/24 03:40	7.550	7.481	15.031	0.445			0.9	78	27
23/01/24 03:45	1.655	7.729	9.384	0.549			1.1	353	15
23/01/24 03:50	2.289	9.032	11.321	0.654			0.9	3	17
23/01/24 03:55	1.545	8.363	9.908	0.678			0.7	28	16
23/01/24 04:00	1.365	8.380	9.745	0.655			0.4	33	24
23/01/24 04:05	1.271	8.465	9.736	0.661			0.2	347	71
23/01/24 04:10	2.443	11.069	13.512	0.566			1.0	6	14
23/01/24 04:15	4.098	15.020	19.117	0.538			1.0	358	24
23/01/24 04:20	5.650	13.464	19.114	0.498			0.7	345	26
23/01/24 04:25	6.318	13.141	19.459	0.455			1.1	347	26
23/01/24 04:30	5.707	12.814	18.521	0.439			1.5	309	11
23/01/24 04:35	7.518	15.008	22.526	0.426			1.0	352	24
23/01/24 04:40	14.835	14.479	29.313	0.604			0.7	8	25
23/01/24 04:45	15.948	14.824	30.772	0.811			0.7	348	33
23/01/24 04:50	11.301	14.963	26.264	0.824			0.9	320	16
23/01/24 04:55	10.425	13.560	23.985	0.814			1.2	317	13
23/01/24 05:00	11.370	13.750	25.119	0.790			1.0	316	14
23/01/24 05:05	12.120	13.659	25.779	0.722			1.1	314	18
23/01/24 05:10	13.798	13.605	27.403	0.662			1.1	320	13
23/01/24 05:15	23.236	11.645	34.881	0.728			0.7	349	21
23/01/24 05:20	26.061	14.337	40.398	0.862			1.0	8	19
23/01/24 05:25	21.735	15.019	36.754	1.098			1.2	12	14
23/01/24 05:30	20.637	15.006	35.643	1.083			0.9	18	13
23/01/24 05:35	21.581	14.756	36.336	0.892			0.7	18	18
23/01/24 05:40	24.064	14.605	38.669	0.991			1.0	7	12
23/01/24 05:45	28.068	15.339	43.407	0.942			1.3	2	17
23/01/24 05:50	33.309	14.021	47.330	0.949			0.7	337	38
23/01/24 05:55	34.264	14.256	48.520	1.009			1.1	8	15
23/01/24 06:00	33.040	14.671	47.711	1.092			1.3	8	15
23/01/24 06:05	32.984	14.786	47.770	1.078			1.5	8	17
23/01/24 06:10	33.480	14.894	48.375	1.098			1.4	358	22
23/01/24 06:15	31.859	14.873	46.732	1.167			1.1	347	28
23/01/24 06:20	27.001	14.440	41.441	1.222			0.8	351	28
23/01/24 06:25	22.315	12.526	34.841	1.154			0.9	344	29
23/01/24 06:30	22.682	13.076	35.758	1.080			0.9	345	31
23/01/24 06:35	22.969	13.523	36.493	1.143			0.5	293	45
23/01/24 06:40	23.775	13.762	37.538	1.158			0.7	298	34
23/01/24 06:45	22.247	13.404	35.651	1.290			0.8	271	33
23/01/24 06:50	17.159	10.058	27.217	1.077			0.9	283	24
23/01/24 06:55	11.279	8.704	19.982	1.041			0.9	312	14
23/01/24 07:00	12.433	10.931	23.364	1.083			0.7	259	31
23/01/24 07:05	13.445	11.204	24.649	1.113			0.8	240	31
23/01/24 07:10	22.005	10.244	32.248	1.122			1.2	191	25
23/01/24 07:15	40.481	16.811	57.291	1.026			0.6	130	34
23/01/24 07:20	36.883	15.107	51.990	1.082			0.5	52	28
23/01/24 07:25	29.619	12.136	41.755	1.060			0.8	296	50
23/01/24 07:30	6.249	7.285	13.534	0.899			0.9	291	22
23/01/24 07:35	5.555	7.122	12.677	0.893			1.8	273	15
23/01/24 07:40	6.226	7.621	13.847	1.008			1.1	319	25
23/01/24 07:45	7.257	9.176	16.433	1.039			0.5	324	59
23/01/24 07:50	8.406	10.368	18.774	0.984			1.5	308	15
23/01/24 07:55	10.739	13.463	24.202	1.040			0.9	291	31
23/01/24 08:00	16.940	13.253	30.194	1.143			0.8	251	31
23/01/24 08:05	24.714	15.052	39.766	1.199			1.3	315	25
23/01/24 08:10	28.017	14.840	42.857	1.351			0.9	290	32
23/01/24 08:15	30.215	13.358	43.574	1.297			1.1	12	24
23/01/24 08:20	21.475	16.284	37.760	1.194			0.8	335	28
23/01/24 08:25	17.593	13.389	30.982	1.160			1.1	23	34
23/01/24 08:30	17.833	12.796	30.629	1.295			0.3	307	82
23/01/24 08:35	15.468	11.752	27.220	1.274			0.2	240	85
23/01/24 08:40	28.154	10.709	38.863	1.320			0.6	81	35
23/01/24 08:45	25.393	13.731	39.124	1.331			0.5	62	43
23/01/24 08:50	24.765	13.494	38.259	1.423			0.2	167	69
23/01/24 08:55	24.523	13.597	38.120	1.393			0.9	189	19
23/01/24 09:00	24.169	13.527	37.695	1.355			1.0	152	26
23/01/24 09:05	24.561	13.708	38.269	1.323			1.2	183	27
23/01/24 09:10	25.245	13.971	39.215	1.242			1.3	185	27
23/01/24 09:15	26.390	14.141	40.531	1.203			1.5	188	18
23/01/24 09:20	26.737	14.371	41.108	1.130			1.5	160	16
23/01/24 09:25	26.881	14.490	41.371	1.129			1.7	141	17
23/01/24 09:30	27.217	14.615	41.832	1.068			1.9	142	15
23/01/24 09:35	27.111	14.705	41.815	1.073			1.6	149	19
23/01/24 09:40	26.382	14.698	41.080	1.161			1.4	160	19
23/01/24 09:45	25.531	14.737	40.268	1.041			1.4	149	23
23/01/24 09:50	24.087	14.533	38.620	1.006			1.4	152	20
23/01/24 09:55	22.870	14.036	36.907	0.996			2.1	144	14
23/01/24 10:00	21.784	13.443	35.227	0.996			1.3	143	23
23/01/24 10:05	21.575	13.220	34.795	0.994			1.8	141	13
23/01/24 10:10	20.805	12.673	33.478	0.987			1.5	147	19
23/01/24 10:15	19.802	12.707	32.509	0.970			1.0	152	27
23/01/24 10:20	19.372	12.885	32.257	1.005			1.2	160	22
23/01/24 10:25	18.695	13.181	31.876	0.983			1.0	195	35
23/01/24 10:30	18.848	13.550	32.398	0.908			0.8	110	70
23/01/24 10:35	15.084	15.802	30.886	0.846			1.2	31	52
23/01/24 10:40	11.582	16.635	28.217	0.969			1.3	41	35
23/01/24 10:45	11.604	14.739	26.344	1.105			1.1	88	53
23/01/24 10:50	12.188	15.096	27.285	1.189			0.8	5	63

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/01/24 10:55	11.861	13.595	25.456	1.075			1.8	7	30
23/01/24 11:00	9.883	11.422	21.306	1.065			1.6	30	30
23/01/24 11:05	9.859	12.548	22.407	1.073			1.4	1	43
23/01/24 11:10	7.947	11.706	19.652	0.929			1.9	36	39
23/01/24 11:15	7.668	9.943	17.610	1.018			1.4	2	41
23/01/24 11:20	7.407	10.172	17.579	1.097			1.5	302	27
23/01/24 11:25	10.450	8.019	18.469	1.075			2.0	195	34
23/01/24 11:30	9.677	12.184	21.861	1.007			1.2	174	35
23/01/24 11:35	8.381	12.650	21.031	0.831			2.4	181	23
23/01/24 11:40	8.229	12.558	20.787	0.799			2.2	175	21
23/01/24 11:45	8.092	12.235	20.327	0.694			3.0	182	16
23/01/24 11:50	7.737	11.866	19.603	0.780			2.4	177	17
23/01/24 11:55	7.469	11.272	18.741	0.863			2.6	175	19
23/01/24 12:00	7.611	11.284	18.895	0.785			2.4	172	20
23/01/24 12:05	6.988	10.201	17.189	0.754			2.3	170	22
23/01/24 12:10	6.185	9.033	15.218	0.823			2.2	169	22
23/01/24 12:15	5.931	9.059	14.990	0.855			2.3	177	23
23/01/24 12:20	5.426	8.791	14.217	0.783			2.4	175	22
23/01/24 12:25	4.906	8.037	12.943	0.846			2.7	185	15
23/01/24 12:30	4.572	8.051	12.623	0.643			2.8	189	15
23/01/24 12:35	4.280	8.156	12.436	0.847			2.5	180	19
23/01/24 12:40	4.043	8.195	12.237	0.738			2.7	177	19
23/01/24 12:45	3.919	8.217	12.136	0.755			2.5	190	16
23/01/24 12:50	4.718	9.499	14.217	0.713			2.6	187	13
23/01/24 12:55	5.428	9.772	15.200	0.634			2.6	189	14
23/01/24 13:00	3.233	9.079	12.313	0.623			3.1	185	15
23/01/24 13:05	2.972	8.123	11.095	0.609			3.5	175	13
23/01/24 13:10	3.218	7.838	11.056	0.616			3.6	190	13
23/01/24 13:15	4.382	10.183	14.565	0.501			3.0	181	15
23/01/24 13:20	3.539	7.026	10.566	0.644			2.7	180	15
23/01/24 13:25	3.735	7.604	11.339	0.609			2.6	183	16
23/01/24 13:30	2.979	6.364	9.344	0.648			2.4	171	19
23/01/24 13:35	2.236	6.375	8.611	0.586			2.0	171	29
23/01/24 13:40	2.268	8.517	10.785	0.458			1.2	171	37
23/01/24 13:45	2.492	7.874	10.366	0.525			2.2	171	21
23/01/24 13:50	2.004	5.449	7.453	0.532			2.0	163	26
23/01/24 13:55	1.467	5.301	6.767	0.567			1.8	156	25
23/01/24 14:00	1.281	5.031	6.312	0.595			1.7	163	26
23/01/24 14:05	1.124	4.770	5.894	0.663			2.4	164	16
23/01/24 14:10	1.147	4.919	6.066	0.615			1.7	166	21
23/01/24 14:15	1.084	4.870	5.954	0.486			1.3	158	26
23/01/24 14:20	0.692	4.611	5.303	0.484			2.0	169	21
23/01/24 14:25	0.706	4.644	5.350	0.600			2.8	165	17
23/01/24 14:30	0.772	4.555	5.327	0.545			1.8	168	23
23/01/24 14:35	0.678	4.203	4.880	0.446			2.2	183	23
23/01/24 14:40	0.721	5.056	5.777	0.351			3.2	196	12
23/01/24 14:45	1.052	7.336	8.388	0.416			2.5	195	13
23/01/24 14:50	1.910	19.345	21.256	0.454			2.8	184	16
23/01/24 14:55	2.474	10.061	12.536	0.427			2.2	164	23
23/01/24 15:00	2.005	1.264	3.269	0.513			1.6	173	26
23/01/24 15:05	1.603	2.449	4.053	0.565			2.2	188	17
23/01/24 15:10	1.700	6.178	7.878	0.629			2.8	183	16
23/01/24 15:15	1.716	5.272	6.987	0.539			2.3	176	19
23/01/24 15:20	1.444	3.097	4.541	0.401			2.7	166	15
23/01/24 15:25	1.178	1.841	3.019	0.468			2.3	169	21
23/01/24 15:30	1.230	2.957	4.187	0.373			2.0	177	18
23/01/24 15:35	1.178	4.052	5.230	0.476			2.4	167	17
23/01/24 15:40	0.955	3.342	4.297	0.547			1.9	169	20
23/01/24 15:45	0.712	3.204	3.917	0.465			1.8	164	25
23/01/24 15:50	0.535	3.183	3.718	0.439			2.5	175	16
23/01/24 15:55	0.613	3.572	4.185	0.512			2.5	174	20
23/01/24 16:00	0.716	3.925	4.642	0.461			2.2	181	17
23/01/24 16:05	0.703	4.001	4.704	0.517			2.3	176	17
23/01/24 16:10	0.677	4.234	4.910	0.560			2.3	180	18
23/01/24 16:15	0.678	4.763	5.441	0.521			2.2	181	14
23/01/24 16:20	0.673	4.884	5.557	0.612			2.1	175	17
23/01/24 16:25	0.608	4.670	5.279	0.494			2.5	172	16
23/01/24 16:30	0.651	4.653	5.304	0.508			2.6	174	16
23/01/24 16:35	0.722	5.106	5.828	0.354			2.4	180	15
23/01/24 16:40	0.752	5.232	5.983	0.247			2.3	177	20
23/01/24 16:45	0.625	4.812	5.436	0.365			2.4	174	18
23/01/24 16:50	0.572	4.939	5.511	0.448			2.3	184	18
23/01/24 16:55	0.626	4.848	5.474	0.512			2.4	171	21
23/01/24 17:00	0.559	4.904	5.463	0.458			2.0	182	17
23/01/24 17:05	0.667	5.359	6.026	0.530			2.2	182	19
23/01/24 17:10	0.933	6.264	7.198	0.660			2.3	180	17
23/01/24 17:15	1.072	5.952	7.024	0.596			2.1	180	20
23/01/24 17:20	1.070	5.312	6.382	0.623			1.8	172	24
23/01/24 17:25	1.015	5.237	6.251	0.669			1.9	163	27
23/01/24 17:30	0.907	5.100	6.007	0.690			1.4	155	30
23/01/24 17:35	0.787	4.636	5.423	0.597			1.6	125	27
23/01/24 17:40	0.744	4.673	5.417	0.508			1.2	120	16
23/01/24 17:45	0.681	4.450	5.131	0.504			1.7	125	16
23/01/24 17:50	0.660	4.321	4.981	0.543			2.3	139	18
23/01/24 17:55	0.561	4.206	4.767	0.650			1.3	160	29
23/01/24 18:00	0.506	4.565	5.071	0.658			1.6	138	27
23/01/24 18:05	0.469	4.754	5.223	0.641			1.1	125	28
23/01/24 18:10	0.822	6.928	7.751	0.668			0.7	109	45
23/01/24 18:15	0.982	8.766	9.749	0.633			0.3	347	74
23/01/24 18:20	1.032	8.564	9.596	0.620			1.0	31	27
23/01/24 18:25	0.994	8.450	9.444	0.534			1.3	316	33
23/01/24 18:30	0.895	7.737	8.632	0.475			1.7	324	33
23/01/24 18:35	0.802	7.352	8.154	0.440			2.4	9	24
23/01/24 18:40	0.819	6.978	7.798	0.479			2.0	6	30
23/01/24 18:45	0.725	6.730	7.454	0.551			1.3	14	32
23/01/24 18:50	0.582	6.804	7.386	0.543			2.5	0	31
23/01/24 18:55	0.696	7.065	7.760	0.500			2.2	352	24
23/01/24 19:00	0.782	7.477	8.259	0.604			3.3	8	18
23/01/24 19:05	0.679	7.654	8.333	0.631			2.3	9	22
23/01/24 19:10	0.651	7.696	8.348	0.672			2.1	14	22
23/01/24 19:15	0.584	7.464	8.048	0.664			2.1	19	20
23/01/24 19:20	0.567	7.347	7.915	0.617			2.2	11	25
23/01/24 19:25	0.578	7.902	8.480	0.480			2.0	13	22
23/01/24 19:30	0.572	8.806	9.378	0.490			2.3	7	25
23/01/24 19:35	0.449	9.523	9.971	0.469			1.8	10	30
23/01/24 19:40	0.682	10.267	10.948	0.515			1.5	32	24

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
23/01/24 19:45	0.893	10.349	11.242	0.511			1.8	20	17
23/01/24 19:50	0.809	9.724	10.533	0.509			1.8	20	19
23/01/24 19:55	0.809	9.942	10.752	0.563			1.5	25	23
23/01/24 20:00	1.344	10.873	12.217	0.615			1.7	17	22
23/01/24 20:05	0.942	10.334	11.276	0.613			2.0	13	22
23/01/24 20:10	0.815	9.037	9.852	0.550			1.7	11	19
23/01/24 20:15	0.851	9.120	9.971	0.667			1.9	2	19
23/01/24 20:20	0.708	9.422	10.130	0.633			1.4	2	18
23/01/24 20:25	0.644	9.875	10.519	0.560			1.3	4	28
23/01/24 20:30	0.615	10.531	11.145	0.524			0.9	349	35
23/01/24 20:35	0.540	11.243	11.783	0.716			1.1	357	30
23/01/24 20:40	0.484	11.908	12.392	0.707			1.5	3	27
23/01/24 20:45	0.375	12.337	12.712	0.596			1.4	2	22
23/01/24 20:50	0.494	12.609	13.103	0.610			1.8	4	17
23/01/24 20:55	0.534	13.111	13.645	0.547			1.4	357	26
23/01/24 21:00	0.595	13.808	14.403	0.673			1.4	349	28
23/01/24 21:05	0.593	14.762	15.355	0.636			1.5	2	22
23/01/24 21:10	0.661	16.107	16.769	0.480			1.4	4	19
23/01/24 21:15	0.488	16.696	17.184	0.536			1.2	355	21
23/01/24 21:20	0.230	16.907	17.137	0.572			0.8	310	30
23/01/24 21:25	0.222	17.663	17.885	0.568			0.7	339	41
23/01/24 21:30	0.273	18.381	18.654	0.591			1.6	356	27
23/01/24 21:35	0.504	19.062	19.566	0.556			1.6	6	19
23/01/24 21:40	0.636	19.540	20.175	0.479			2.1	5	20
23/01/24 21:45	0.622	19.514	20.135	0.568			2.3	2	17
23/01/24 21:50	0.508	19.390	19.898	0.521			2.1	354	18
23/01/24 21:55	0.552	19.508	20.060	0.566			2.4	8	19
23/01/24 22:00	0.679	19.738	20.417	0.778			1.7	13	19
23/01/24 22:05	0.730	20.020	20.751	0.789			1.5	9	20
23/01/24 22:10	1.336	21.582	22.918	0.953			1.6	14	18
23/01/24 22:15	1.314	19.847	21.161	1.001			2.4	6	14
23/01/24 22:20	1.230	18.555	19.784	0.988			2.1	4	22
23/01/24 22:25	1.134	16.688	17.822	0.785			2.0	8	16
23/01/24 22:30	0.997	14.370	15.367	0.759			2.7	8	16
23/01/24 22:35	0.480	12.744	13.224	0.819			2.5	6	20
23/01/24 22:40	0.334	12.688	13.022	0.689			3.3	9	15
23/01/24 22:45	0.439	13.000	13.439	0.635			3.1	12	13
23/01/24 22:50	0.283	13.158	13.441	0.596			3.0	11	15
23/01/24 22:55	0.271	13.296	13.567	0.725			2.8	6	18
23/01/24 23:00	0.318	13.139	13.458	0.710			3.1	10	15
23/01/24 23:05	0.298	12.709	13.007	0.603			3.6	7	14
23/01/24 23:10	0.197	12.348	12.545	0.578			2.9	12	20
23/01/24 23:15	0.234	12.012	12.246	0.500			3.1	18	18
23/01/24 23:20	0.330	11.685	12.014	0.529			2.8	15	17
23/01/24 23:25	0.222	11.334	11.557	0.673			2.4	13	20
23/01/24 23:30	0.176	10.713	10.889	0.668			3.1	17	20
23/01/24 23:35	0.127	10.008	10.135	0.640			2.8	18	16
23/01/24 23:40	0.169	9.425	9.594	0.616			3.2	21	17
23/01/24 23:45	0.214	8.861	9.075	0.561			3.0	23	17
23/01/24 23:50	0.186	8.373	8.559				3.5	24	13
23/01/24 23:55	0.111	8.094	8.205				2.9	18	22
24/01/24 00:00	0.095	7.857	7.952	1.086			2.6	15	23
24/01/24 00:05	0.114	7.848	7.961	0.947			2.7	12	23
24/01/24 00:10	0.071	7.727	7.798	0.900			4.1	13	13
24/01/24 00:15	0.066	7.666	7.732	0.648			3.7	19	15
24/01/24 00:20	0.123	7.586	7.709	0.600			4.3	15	21
24/01/24 00:25	0.062	7.474	7.536	0.589			3.8	18	15
24/01/24 00:30	0.146	7.380	7.526	0.508			3.6	17	17
24/01/24 00:35	0.252	7.155	7.406	0.551			3.1	20	19
24/01/24 00:40	0.279	7.014	7.293	0.633			3.2	17	17
24/01/24 00:45	0.305	6.832	7.137	0.451			3.5	22	14
24/01/24 00:50	0.274	6.637	6.911	0.374			4.4	14	14
24/01/24 00:55	0.273	6.392	6.665	0.329			3.0	14	19
24/01/24 01:00	0.167	6.280	6.447	0.427			3.2	13	19
24/01/24 01:05							3.7	8	15
24/01/24 01:10							3.2	4	24
24/01/24 01:15							3.9	8	19
24/01/24 01:20							4.3	6	19
24/01/24 01:25							4.6	8	18
24/01/24 01:30							3.9	5	21
24/01/24 01:35							4.1	7	22
24/01/24 01:40							4.4	7	16
24/01/24 01:45							4.7	15	16
24/01/24 01:50							5.6	9	17
24/01/24 01:55							4.1	3	19
24/01/24 02:00							3.9	352	27
24/01/24 02:05	0.326	5.457	5.783	0.645			2.8	359	25
24/01/24 02:10	0.231	6.215	6.447	0.728			2.4	352	31
24/01/24 02:15	0.176	6.922	7.098	0.802			2.3	338	34
24/01/24 02:20	0.171	7.235	7.406	0.600			2.5	337	30
24/01/24 02:25	0.103	7.381	7.483	0.445			3.4	355	27
24/01/24 02:30	0.027	7.165	7.191	0.386			2.5	355	28
24/01/24 02:35	-0.077	6.858	6.780	0.424			4.2	3	21
24/01/24 02:40	-0.091	6.234	6.143	0.418			4.4	0	21
24/01/24 02:45	-0.106	5.498	5.392	0.289			5.4	7	16
24/01/24 02:50	-0.102	4.990	4.887	0.259			4.5	6	16
24/01/24 02:55	-0.044	4.561	4.517	0.251			4.3	6	23
24/01/24 03:00	0.059	4.233	4.292	0.197			4.4	11	17
24/01/24 03:05	0.039	4.096	4.135	0.314			3.4	6	24
24/01/24 03:10	-0.011	4.084	4.073	0.435			3.8	10	17
24/01/24 03:15	-0.061	4.340	4.280	0.429			2.9	356	23
24/01/24 03:20	0.072	4.971	5.042	0.492			3.1	350	28
24/01/24 03:25	0.144	5.292	5.435	0.501			4.3	0	24
24/01/24 03:30	0.143	5.340	5.483	0.510			4.5	359	27
24/01/24 03:35	0.146	5.353	5.499	0.532			5.0	356	26
24/01/24 03:40	0.150	5.265	5.415	0.471			4.4	3	23
24/01/24 03:45	0.195	5.332	5.527	0.616			4.9	2	21
24/01/24 03:50	0.249	5.472	5.722	0.553			5.3	3	20
24/01/24 03:55	0.249	5.621	5.870	0.484			5.7	3	18
24/01/24 04:00	0.293	5.614	5.907	0.410			4.1	1	21
24/01/24 04:05	0.221	5.945	6.166	0.321			4.0	6	25
24/01/24 04:10	0.309	6.508	6.817	0.308			4.7	4	21
24/01/24 04:15	0.264	6.802	7.067	0.463			4.3	3	20
24/01/24 04:20	0.214	6.902	7.116	0.550			4.3	4	20
24/01/24 04:25	0.290	6.998	7.288	0.503			3.9	359	22
24/01/24 04:30	0.313	7.239	7.551	0.470			2.0	312	28

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/01/24 04:35	0.203	7.533	7.736	0.417			2.4	322	28
24/01/24 04:40	0.197	7.827	8.024	0.388			3.1	340	32
24/01/24 04:45	0.337	9.383	9.720	0.461			5.5	5	20
24/01/24 04:50	0.479	10.363	10.842	0.481			5.0	342	30
24/01/24 04:55	0.418	9.474	9.893	0.433			4.9	317	26
24/01/24 05:00	0.417	8.735	9.152	0.497			4.2	320	31
24/01/24 05:05	0.278	8.435	8.712	0.624			3.3	334	29
24/01/24 05:10	0.281	8.541	8.822	0.592			4.8	315	22
24/01/24 05:15	0.336	8.699	9.034	0.489			3.7	324	26
24/01/24 05:20	0.317	8.669	8.985	0.468			3.1	333	32
24/01/24 05:25	0.392	9.162	9.554	0.490			3.3	358	28
24/01/24 05:30	0.486	11.124	11.611	0.578			4.1	357	21
24/01/24 05:35	0.632	17.307	17.938	0.617			4.1	358	21
24/01/24 05:40	0.879	19.468	20.347	0.597			4.3	357	20
24/01/24 05:45	0.972	19.107	20.078	0.571			3.5	358	30
24/01/24 05:50	1.214	19.329	20.543	0.485			3.7	3	23
24/01/24 05:55	1.365	19.215	20.581	0.417			3.5	357	23
24/01/24 06:00	1.466	19.314	20.780	0.445			2.6	343	32
24/01/24 06:05	1.457	19.178	20.635	0.462			2.1	347	37
24/01/24 06:10	1.529	18.947	20.476	0.544			2.5	344	34
24/01/24 06:15	1.499	18.975	20.474	0.554			2.0	344	35
24/01/24 06:20	1.654	18.638	20.292	0.578			3.0	326	27
24/01/24 06:25	1.588	17.701	19.289	0.525			3.1	318	25
24/01/24 06:30	1.578	16.552	18.130	0.590			3.2	306	15
24/01/24 06:35	1.634	15.926	17.560	0.534			3.7	324	22
24/01/24 06:40	1.692	15.736	17.428	0.475			2.6	329	28
24/01/24 06:45	1.784	15.679	17.463	0.443			2.5	332	25
24/01/24 06:50	1.847	15.751	17.598	0.431			2.0	326	27
24/01/24 06:55	2.014	16.017	18.031	0.432			1.2	329	33
24/01/24 07:00	2.450	16.834	19.284	0.499			1.4	351	32
24/01/24 07:05	3.250	18.035	21.285	0.566			2.0	355	25
24/01/24 07:10	4.386	22.936	27.321	0.666			1.3	349	30
24/01/24 07:15	5.456	25.878	31.334	0.816			1.4	323	28
24/01/24 07:20	6.149	24.985	31.134	0.884			1.0	290	30
24/01/24 07:25	7.409	25.626	33.035	1.002			1.2	281	23
24/01/24 07:30	10.619	25.852	36.471	1.019			1.2	296	13
24/01/24 07:35	24.775	26.521	51.296	1.197			1.1	256	32
24/01/24 07:40	32.377	27.440	59.818	1.263			2.4	237	09
24/01/24 07:45	34.793	23.634	58.427	1.296			4.5	209	09
24/01/24 07:50	15.919	12.484	28.402	1.331			5.1	208	08
24/01/24 07:55	66.511	14.551	81.062	1.430			4.3	210	09
24/01/24 08:00	85.688	20.712	106.400	1.934			4.2	202	12
24/01/24 08:05	30.514	23.303	53.817	2.101			5.2	209	08
24/01/24 08:10	10.018	10.413	20.430	2.058			4.9	210	07
24/01/24 08:15	5.343	7.637	12.980	1.964			4.6	213	09
24/01/24 08:20	5.246	7.432	12.678	1.697			4.5	212	08
24/01/24 08:25	10.009	8.807	18.816	1.620			4.5	211	07
24/01/24 08:30	3.450	7.601	11.051	1.620			4.5	213	07
24/01/24 08:35	1.738	4.178	5.916	1.526			3.6	218	08
24/01/24 08:40	1.147	2.813	3.960	1.393			3.2	218	05
24/01/24 08:45	2.272	4.884	7.157	1.388			2.5	210	07
24/01/24 08:50	3.288	7.993	11.281	1.413			2.0	214	07
24/01/24 08:55	4.795	9.455	14.250	1.421			1.3	177	29
24/01/24 09:00	1.555	3.333	4.888	1.395			0.9	153	31
24/01/24 09:05	4.734	1.245	5.979	1.319			1.1	151	25
24/01/24 09:10	1.903	2.960	4.863	1.335			1.2	126	23
24/01/24 09:15	1.075	2.691	3.766	1.179			1.3	135	20
24/01/24 09:20	0.741	2.210	2.951	1.031			0.7	129	47
24/01/24 09:25	0.655	2.338	2.994	0.968			0.9	157	40
24/01/24 09:30	0.719	2.430	3.149	0.888			1.2	143	22
24/01/24 09:35	0.658	2.632	3.290	0.807			1.4	124	14
24/01/24 09:40	1.312	4.251	5.563	0.725			2.4	113	09
24/01/24 09:45	0.900	4.107	5.007	0.831			2.1	114	06
24/01/24 09:50	0.582	3.179	3.761	0.864			2.4	113	07
24/01/24 09:55	0.387	3.048	3.435	0.798			2.1	116	06
24/01/24 10:00	0.405	3.122	3.527	0.812			2.1	109	05
24/01/24 10:05	0.379	2.846	3.224	0.645			2.1	114	06
24/01/24 10:10	0.400	2.867	3.267	0.621			1.7	121	09
24/01/24 10:15	0.431	3.001	3.432	0.624			1.7	118	09
24/01/24 10:20	0.540	2.916	3.456	0.626			1.1	128	20
24/01/24 10:25	0.610	2.900	3.510	0.656			1.4	123	13
24/01/24 10:30	0.669	2.989	3.658	0.679			1.4	130	14
24/01/24 10:35	0.949	3.196	4.145	0.846			1.7	118	16
24/01/24 10:40	3.614	7.939	11.554	0.840			2.2	113	06
24/01/24 10:45	2.869	2.296	5.164	0.898			2.1	118	04
24/01/24 10:50	0.599	2.157	2.757	0.754			1.6	123	11
24/01/24 10:55	2.999	4.648	7.647	0.832			1.5	126	16
24/01/24 11:00	3.826	6.767	10.593	0.799			1.8	118	13
24/01/24 11:05	3.543	3.926	7.469	0.713			1.5	139	25
24/01/24 11:10	2.401	7.005	9.407	0.794			1.5	148	25
24/01/24 11:15	1.997	3.134	5.130	0.766			1.8	146	20
24/01/24 11:20	0.844	2.463	3.307	0.913			1.8	136	18
24/01/24 11:25	1.202	5.667	6.869	0.846			1.0	130	29
24/01/24 11:30	1.020	2.763	3.782	0.789			1.2	127	18
24/01/24 11:35	0.934	3.095	4.029	0.737			1.0	156	26
24/01/24 11:40	0.894	2.859	3.753	0.599			1.4	139	18
24/01/24 11:45	0.863	3.205	4.068	0.649			2.0	140	12
24/01/24 11:50	0.810	3.792	4.601	0.691			2.0	175	21
24/01/24 11:55	1.790	11.531	13.322	0.664			4.6	195	10
24/01/24 12:00	10.572	33.128	43.700	0.964			4.3	195	08
24/01/24 12:05	87.559	31.077	118.636	2.000			4.5	199	11
24/01/24 12:10	28.781	25.662	54.443	2.856			4.6	194	09
24/01/24 12:15	68.047	29.923	97.970	3.204			4.2	193	11
24/01/24 12:20	79.645	35.517	115.162	3.898			3.7	198	10
24/01/24 12:25	40.467	12.992	53.460	4.383			4.1	204	09
24/01/24 12:30	26.580	15.500	42.080	3.733			5.4	209	07
24/01/24 12:35	31.773	9.218	40.991	3.237			6.3	209	08
24/01/24 12:40	183.158	19.440	202.597	3.574			5.4	197	08
24/01/24 12:45	25.271	17.024	42.295	3.697			5.1	194	10
24/01/24 12:50	15.595	16.850	32.446	2.556			4.9	188	12
24/01/24 12:55	2.131	3.195	5.326	1.835			4.3	186	13
24/01/24 13:00	1.843	3.082	4.925	1.428			3.8	189	12
24/01/24 13:05	1.910	3.455	5.365	1.221			4.0	185	14
24/01/24 13:10	1.839	4.117	5.956	1.098			4.1	185	11
24/01/24 13:15	2.133	2.970	5.103	1.077			3.3	180	20
24/01/24 13:20	1.498	1.667	3.166	0.859			3.7	179	17

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/01/24 13:25	1.193	1.818	3.011	0.824			3.0	170	21
24/01/24 13:30	1.670	2.119	3.789	0.774			2.7	169	21
24/01/24 13:35	0.980	1.372	2.352	0.730			2.9	167	23
24/01/24 13:40	1.098	1.195	2.293	0.665			2.1	163	27
24/01/24 13:45	1.671	3.216	4.887	0.570			2.3	170	26
24/01/24 13:50	1.929	2.555	4.484	0.534			2.5	170	23
24/01/24 13:55	1.053	1.101	2.154	0.718			2.1	174	30
24/01/24 14:00	0.772	1.511	2.283	0.579			2.4	181	21
24/01/24 14:05	0.478	1.569	2.047	0.524			2.6	182	21
24/01/24 14:10	0.474	1.562	2.035	0.700			2.9	179	16
24/01/24 14:15	0.475	1.406	1.881	0.587			2.9	178	18
24/01/24 14:20	0.620	1.583	2.203	0.540			3.1	185	16
24/01/24 14:25	0.753	1.917	2.670	0.522			3.4	186	15
24/01/24 14:30	0.650	1.832	2.482	0.542			3.3	185	15
24/01/24 14:35	0.678	1.787	2.465	0.598			2.9	180	17
24/01/24 14:40	0.783	2.083	2.867	0.419			3.1	183	17
24/01/24 14:45	1.281	2.907	4.189	0.567			2.9	189	13
24/01/24 14:50	1.139	2.765	3.905	0.670			3.7	189	12
24/01/24 14:55	1.335	2.668	4.003	0.728			3.4	186	15
24/01/24 15:00	1.627	2.553	4.179	0.669			3.4	187	13
24/01/24 15:05	2.053	2.585	4.639	0.659			3.2	185	18
24/01/24 15:10	8.974	5.443	14.417	0.632			3.2	179	15
24/01/24 15:15	5.363	1.396	6.759	0.559			3.5	175	16
24/01/24 15:20	0.233	1.359	1.592	0.508			3.5	179	15
24/01/24 15:25	0.396	1.249	1.646	0.506			3.3	171	19
24/01/24 15:30	0.349	0.993	1.342	0.447			2.4	166	28
24/01/24 15:35	0.793	1.796	2.589	0.564			2.3	165	27
24/01/24 15:40	0.824	2.084	2.908	0.590			2.2	171	31
24/01/24 15:45	0.627	1.296	1.923	0.522			2.6	172	27
24/01/24 15:50	0.471	1.009	1.479	0.602			2.5	162	27
24/01/24 15:55	0.593	1.890	2.483	0.552			2.1	169	22
24/01/24 16:00	0.603	1.467	2.071	0.580			3.6	177	17
24/01/24 16:05	0.601	1.249	1.851	0.720			3.3	179	15
24/01/24 16:10	0.538	1.256	1.795	0.713			2.4	167	24
24/01/24 16:15	0.501	1.279	1.780	0.638			2.3	158	32
24/01/24 16:20	0.574	1.506	2.079	0.543			3.5	171	19
24/01/24 16:25	1.026	1.899	2.925	0.636			2.5	170	22
24/01/24 16:30	1.318	2.302	3.620	0.587			2.3	166	32
24/01/24 16:35	1.088	1.898	2.986	0.598			2.5	173	29
24/01/24 16:40	1.253	2.115	3.368	0.616			3.0	174	23
24/01/24 16:45	2.053	3.041	5.094	0.652			3.2	172	21
24/01/24 16:50	3.088	8.322	11.410	0.583			3.6	178	18
24/01/24 16:55	3.947	6.220	10.167	0.565			3.2	180	17
24/01/24 17:00	2.524	0.246	2.770	0.529			3.6	185	15
24/01/24 17:05	2.001	1.010	3.011	0.555			3.3	184	17
24/01/24 17:10	2.009	1.698	3.706	0.593			3.7	193	15
24/01/24 17:15	2.008	2.020	4.028	0.638			3.8	196	11
24/01/24 17:20	1.937	2.254	4.192	0.587			2.8	192	14
24/01/24 17:25	1.809	2.270	4.079	0.502			3.2	190	15
24/01/24 17:30	1.556	2.080	3.636	0.596			3.6	191	13
24/01/24 17:35	1.512	2.088	3.600	0.559			3.7	196	13
24/01/24 17:40	2.025	2.553	4.577	0.524			3.6	191	12
24/01/24 17:45	3.360	4.881	8.241	0.688			3.5	189	11
24/01/24 17:50	3.125	4.469	7.594	0.637			3.2	186	16
24/01/24 17:55	3.607	6.360	9.967	0.623			2.7	187	17
24/01/24 18:00	3.272	3.264	6.536	0.513			3.1	191	14
24/01/24 18:05	4.823	3.643	8.466	0.457			2.8	191	13
24/01/24 18:10	3.471	3.756	7.226	0.481			2.9	188	17
24/01/24 18:15	2.951	4.298	7.249	0.456			3.3	190	12
24/01/24 18:20	2.632	4.199	6.832	0.540			3.3	188	14
24/01/24 18:25	2.310	4.331	6.640	0.611			3.2	188	14
24/01/24 18:30	2.607	6.150	8.758	0.610			3.2	191	15
24/01/24 18:35	2.918	6.954	9.872	0.631			3.7	189	13
24/01/24 18:40	2.922	6.875	9.797	0.684			3.3	185	14
24/01/24 18:45	2.647	6.284	8.931	0.552			3.1	188	15
24/01/24 18:50	2.212	4.200	6.411	0.469			3.1	189	15
24/01/24 18:55	1.790	1.440	3.230	0.406			3.4	190	14
24/01/24 19:00	1.596	2.042	3.637	0.246			3.0	190	15
24/01/24 19:05	1.333	1.867	3.200	0.231			3.3	191	12
24/01/24 19:10	1.263	2.130	3.393	0.445			3.8	191	12
24/01/24 19:15	1.211	2.274	3.485	0.471			3.1	186	14
24/01/24 19:20	1.003	1.617	2.620	0.532			3.8	191	15
24/01/24 19:25	1.107	1.901	3.008	0.332			3.9	194	10
24/01/24 19:30	1.524	3.528	5.052	0.177			3.5	195	09
24/01/24 19:35	1.509	3.627	5.136	0.256			4.0	195	09
24/01/24 19:40	1.440	3.768	5.208	0.473			3.3	201	13
24/01/24 19:45	1.475	2.997	4.472	0.584			3.5	203	13
24/01/24 19:50	1.793	4.561	6.354	0.493			3.4	194	12
24/01/24 19:55	2.069	5.580	7.650	0.466			2.8	193	13
24/01/24 20:00	2.353	4.408	6.762	0.425			3.0	178	16
24/01/24 20:05	1.283	2.824	4.107	0.369			3.2	193	11
24/01/24 20:10	0.810	3.284	4.094	0.349			3.2	189	15
24/01/24 20:15	1.078	5.629	6.707	0.347			2.8	190	13
24/01/24 20:20	1.724	13.105	14.830	0.372			2.3	187	16
24/01/24 20:25	3.560	18.751	22.311	0.262			2.4	181	22
24/01/24 20:30	8.640	18.089	26.728	0.504			2.5	191	17
24/01/24 20:35	2.510	5.344	7.854	0.601			2.3	182	21
24/01/24 20:40	0.992	5.764	6.756	0.582			2.7	191	13
24/01/24 20:45	0.937	6.305	7.242	0.475			2.5	186	16
24/01/24 20:50	0.866	5.804	6.670	0.559			2.6	194	12
24/01/24 20:55	0.917	6.170	7.087	0.534			2.3	192	16
24/01/24 21:00	1.033	6.624	7.657	0.533			2.7	187	14
24/01/24 21:05	0.825	4.674	5.499	0.669			2.5	190	18
24/01/24 21:10	0.828	1.364	2.191	0.602			2.3	192	17
24/01/24 21:15	0.872	1.755	2.627	0.449			3.0	190	13
24/01/24 21:20	0.768	1.760	2.528	0.462			3.2	189	14
24/01/24 21:25	0.594	1.508	2.101	0.496			2.7	188	15
24/01/24 21:30	0.606	1.464	2.070	0.508			2.8	187	14
24/01/24 21:35	0.537	1.393	1.930	0.492			2.7	191	14
24/01/24 21:40	0.596	1.434	2.030	0.449			2.9	188	15
24/01/24 21:45	0.917	1.561	2.478	0.522			3.4	191	14
24/01/24 21:50	1.080	1.638	2.718	0.506			3.4	187	11
24/01/24 21:55	1.044	1.709	2.752	0.530			3.0	193	11
24/01/24 22:00	0.878	1.940	2.818	0.282			1.8	165	28
24/01/24 22:05	0.624	2.481	3.105	0.425			2.3	130	19
24/01/24 22:10	0.514	3.301	3.816	0.469			2.4	114	13

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/01/24 22:15	0.395	4.311	4.707	0.469			1.7	121	22
24/01/24 22:20	0.307	6.671	6.978	0.579			2.7	127	16
24/01/24 22:25	0.280	9.539	9.819	0.600			2.5	120	15
24/01/24 22:30	0.240	7.483	7.724	0.500			2.3	117	15
24/01/24 22:35	0.094	6.241	6.335	0.474			2.1	114	17
24/01/24 22:40	0.025	4.427	4.452	0.541			2.3	128	19
24/01/24 22:45	-0.085	3.760	3.674	0.570			1.4	120	29
24/01/24 22:50	-0.088	3.639	3.551	0.590			2.3	115	12
24/01/24 22:55	-0.110	3.459	3.350	0.505			2.8	111	08
24/01/24 23:00	-0.141	3.207	3.066	0.501			2.0	115	13
24/01/24 23:05	-0.210	3.012	2.802	0.539			2.0	120	16
24/01/24 23:10	-0.101	2.963	2.862	0.454			1.9	118	16
24/01/24 23:15	0.014	2.854	2.868	0.358			1.4	123	23
24/01/24 23:20	-0.054	2.763	2.709	0.461			1.7	121	19
24/01/24 23:25	-0.076	2.696	2.621	0.484			2.1	127	18
24/01/24 23:30	-0.043	2.589	2.546	0.395			2.1	132	18
24/01/24 23:35	-0.007	2.490	2.484	0.412			1.8	128	19
24/01/24 23:40	-0.062	2.454	2.392	0.357			1.9	119	19
24/01/24 23:45	-0.055	2.394	2.340	0.410			2.0	115	21
24/01/24 23:50	0.010	2.301	2.311				2.3	115	13
24/01/24 23:55	0.016	2.234	2.249				1.9	118	18
25/01/24 00:00	0.052	2.167	2.219	0.465			2.2	117	12
25/01/24 00:05	0.018	2.051	2.068	0.398			1.9	112	16
25/01/24 00:10	-0.048	2.045	1.997	0.570			1.9	118	16
25/01/24 00:15	-0.038	2.047	2.009	0.657			1.5	117	16
25/01/24 00:20	0.056	2.007	2.063	0.562			1.9	115	12
25/01/24 00:25	0.031	1.987	2.019	0.601			1.8	115	15
25/01/24 00:30	0.052	2.009	2.060	0.640			1.2	124	21
25/01/24 00:35	0.062	2.020	2.081	0.650			1.5	127	18
25/01/24 00:40	0.057	1.999	2.057	0.620			1.3	121	21
25/01/24 00:45	0.003	1.913	1.916	0.650			1.6	121	19
25/01/24 00:50	-0.041	1.839	1.798	0.555			1.9	122	18
25/01/24 00:55	-0.077	1.829	1.752	0.664			1.3	116	19
25/01/24 01:00	-0.001	1.854	1.853	0.603			1.8	125	17
25/01/24 01:05							1.5	133	22
25/01/24 01:10							2.0	118	16
25/01/24 01:15							1.5	118	16
25/01/24 01:20							2.0	128	16
25/01/24 01:25							1.8	144	20
25/01/24 01:30							2.0	135	17
25/01/24 01:35							1.4	119	18
25/01/24 01:40							1.9	116	12
25/01/24 01:45							2.0	120	15
25/01/24 01:50							1.5	127	21
25/01/24 01:55							1.9	117	15
25/01/24 02:00							2.3	110	11
25/01/24 02:05	0.095	1.811	1.906	0.307			2.5	108	09
25/01/24 02:10	0.013	1.712	1.725	0.246			1.6	117	20
25/01/24 02:15	0.042	1.610	1.652	0.165			1.9	116	14
25/01/24 02:20	0.154	1.550	1.704	0.180			2.4	103	10
25/01/24 02:25	0.160	1.579	1.739	0.308			2.4	102	10
25/01/24 02:30	0.131	1.638	1.768	0.242			2.2	99	10
25/01/24 02:35	0.113	1.660	1.773	0.219			2.3	103	07
25/01/24 02:40	0.141	1.676	1.817	0.178			2.7	105	11
25/01/24 02:45	0.115	1.629	1.744	0.253			2.5	108	11
25/01/24 02:50	0.098	1.540	1.637	0.337			3.0	108	06
25/01/24 02:55	0.127	1.440	1.567	0.352			2.0	114	16
25/01/24 03:00	0.107	1.493	1.601	0.254			2.8	106	08
25/01/24 03:05	0.079	1.482	1.562	0.327			3.0	107	08
25/01/24 03:10	0.066	1.401	1.467	0.311			2.8	101	08
25/01/24 03:15	0.000	1.435	1.436	0.278			2.5	94	07
25/01/24 03:20	-0.047	1.545	1.498	0.139			2.4	92	07
25/01/24 03:25	-0.027	1.611	1.584	0.157			2.2	95	08
25/01/24 03:30	0.087	1.726	1.812	0.253			2.2	92	12
25/01/24 03:35	0.114	1.810	1.924	0.277			1.9	85	08
25/01/24 03:40	0.094	1.862	1.956	0.212			1.9	95	13
25/01/24 03:45	0.137	1.973	2.110	0.128			2.3	100	07
25/01/24 03:50	0.115	1.922	2.037	0.157			2.0	93	09
25/01/24 03:55	0.104	1.838	1.942	0.215			2.1	83	12
25/01/24 04:00	-0.014	1.894	1.881	0.321			1.8	88	12
25/01/24 04:05	-0.008	1.850	1.842	0.361			1.8	94	08
25/01/24 04:10	0.038	1.754	1.793	0.497			1.7	95	07
25/01/24 04:15	0.029	1.701	1.730	0.433			1.5	102	07
25/01/24 04:20	-0.125	1.694	1.569	0.293			1.0	99	14
25/01/24 04:25	-0.109	1.824	1.715	0.506			1.7	110	09
25/01/24 04:30	-0.038	2.269	2.231	0.468			1.4	74	15
25/01/24 04:35	-0.003	2.686	2.683	0.154			1.3	94	10
25/01/24 04:40	0.338	5.911	6.249	0.126			1.4	100	11
25/01/24 04:45	0.411	4.237	4.648	0.126			1.4	99	10
25/01/24 04:50	0.166	3.599	3.766	0.035			0.6	85	18
25/01/24 04:55	0.264	3.454	3.718	0.113			0.5	125	19
25/01/24 05:00	0.243	3.808	4.051	0.308			0.8	103	11
25/01/24 05:05	0.083	3.466	3.549	0.321			0.5	97	31
25/01/24 05:10	-0.021	3.221	3.200	0.243			0.2	76	75
25/01/24 05:15	-0.029	3.097	3.068	0.102			0.6	19	18
25/01/24 05:20	0.221	3.362	3.584	0.126			1.0	14	20
25/01/24 05:25	0.276	3.646	3.921	0.280			0.8	52	18
25/01/24 05:30	0.231	3.953	4.184	0.451			0.6	80	20
25/01/24 05:35	0.203	4.437	4.641	0.474			0.4	144	27
25/01/24 05:40	0.245	5.444	5.689	0.388			1.0	117	23
25/01/24 05:45	0.397	6.436	6.833	0.279			1.6	98	09
25/01/24 05:50	0.445	7.212	7.657	0.295			1.4	86	21
25/01/24 05:55	0.497	7.835	8.332	0.144			1.7	77	19
25/01/24 06:00	0.638	8.277	8.915	0.020			2.1	84	13
25/01/24 06:05	0.848	8.343	9.191	0.093			2.3	77	11
25/01/24 06:10	1.485	8.433	9.918	0.037			2.4	92	11
25/01/24 06:15	1.321	8.099	9.421	0.172			2.6	89	07
25/01/24 06:20	1.129	7.462	8.592	0.228			2.6	81	13
25/01/24 06:25	1.141	7.436	8.577	0.244			2.7	78	16
25/01/24 06:30	1.132	7.452	8.584	0.240			2.8	92	07
25/01/24 06:35	1.164	7.678	8.842	0.329			2.3	88	13
25/01/24 06:40	6.079	17.038	23.117	0.322			1.6	77	18
25/01/24 06:45	16.294	16.046	32.340	0.436			1.4	95	17
25/01/24 06:50	4.214	7.780	11.995	0.281			2.2	104	08
25/01/24 06:55	32.134	4.827	36.961	0.364			1.9	88	19
25/01/24 07:00	3.511	7.666	11.176	0.499			1.7	88	12

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/01/24 07:05	3.103	7.748	10.851	0.542			0.9	60	12
25/01/24 07:10	2.902	7.686	10.588	0.498			0.4	103	40
25/01/24 07:15	3.525	8.059	11.584	0.576			0.7	63	37
25/01/24 07:20	3.427	8.989	12.416	0.603			0.8	20	19
25/01/24 07:25	4.203	9.758	13.961	0.508			0.6	63	19
25/01/24 07:30	11.024	8.517	19.541	0.480			0.7	51	13
25/01/24 07:35	6.592	10.555	17.147	0.558			0.8	85	19
25/01/24 07:40	11.525	7.649	19.174	0.457			1.0	90	18
25/01/24 07:45	16.439	9.525	25.964	0.605			1.0	94	32
25/01/24 07:50	37.257	6.015	43.272	0.668			1.0	137	42
25/01/24 07:55	33.111	6.150	39.261	0.700			1.2	99	51
25/01/24 08:00	14.208	9.445	23.653	0.686			1.1	130	16
25/01/24 08:05	9.764	12.340	22.104	0.445			1.0	142	28
25/01/24 08:10	10.903	11.500	22.403	0.304			1.0	157	26
25/01/24 08:15	15.562	11.528	27.090	0.298			1.4	146	18
25/01/24 08:20	7.037	6.515	13.551	0.281			1.1	161	24
25/01/24 08:25	9.965	7.313	17.277	0.314			1.5	194	20
25/01/24 08:30	8.758	8.661	17.419	0.373			1.4	202	20
25/01/24 08:35	8.671	8.668	17.339	0.395			0.8	170	31
25/01/24 08:40	19.537	9.872	29.409	0.451			1.0	147	27
25/01/24 08:45	7.510	8.908	16.418	0.484			1.0	148	23
25/01/24 08:50	9.159	9.433	18.592	0.374			1.1	158	25
25/01/24 08:55	6.398	7.257	13.655	0.476			1.2	173	31
25/01/24 09:00	5.903	7.699	13.601	0.495			1.8	208	11
25/01/24 09:05	6.246	7.730	13.976	0.422			1.7	212	12
25/01/24 09:10	6.943	8.127	15.071	0.328			1.9	218	09
25/01/24 09:15	7.968	8.638	16.606	0.302			0.9	198	22
25/01/24 09:20	8.968	10.134	19.102	0.223			1.0	200	24
25/01/24 09:25	21.464	16.048	37.511	0.226			1.0	116	21
25/01/24 09:30	9.642	8.113	17.755	0.370			1.1	136	19
25/01/24 09:35	12.343	11.168	23.511	0.692			0.9	137	28
25/01/24 09:40	17.544	13.393	30.937	0.767			1.1	143	23
25/01/24 09:45	17.971	10.987	28.958	0.604			1.2	151	28
25/01/24 09:50	20.646	8.625	29.271	0.558			1.6	169	17
25/01/24 09:55	15.167	8.559	23.725	0.435			1.4	157	25
25/01/24 10:00	13.563	12.181	25.744	0.367			1.4	150	21
25/01/24 10:05	10.945	8.119	19.065	0.447			1.7	157	18
25/01/24 10:10	13.115	9.400	22.515	0.451			1.5	168	23
25/01/24 10:15	15.964	11.530	27.494	0.530			1.5	173	21
25/01/24 10:20	15.378	11.452	26.830	0.550			1.5	180	23
25/01/24 10:25	14.478	11.811	26.289	0.540			1.3	170	21
25/01/24 10:30	13.556	11.490	25.045	0.555			1.3	178	21
25/01/24 10:35	10.603	10.478	21.081	0.533			1.2	182	25
25/01/24 10:40	10.995	9.730	20.725	0.431			2.0	201	11
25/01/24 10:45	12.155	10.924	23.079	0.378			2.8	202	09
25/01/24 10:50	10.633	8.834	19.467	0.407			2.6	195	12
25/01/24 10:55	9.346	8.581	17.927	0.452			2.5	196	10
25/01/24 11:00	10.016	9.645	19.661	0.415			1.9	196	13
25/01/24 11:05	9.423	9.856	19.279	0.407			1.3	190	21
25/01/24 11:10	10.936	14.928	25.864	0.458			1.2	184	22
25/01/24 11:15	11.725	11.424	23.149	0.467			1.5	193	13
25/01/24 11:20	8.784	12.197	20.981	0.421			1.1	191	25
25/01/24 11:25	7.926	12.027	19.954	0.427			0.9	167	30
25/01/24 11:30	9.638	11.914	21.552	0.451			0.9	164	26
25/01/24 11:35	10.374	11.083	21.458	0.424			1.3	187	27
25/01/24 11:40	7.641	9.022	16.662	0.391			1.7	200	21
25/01/24 11:45	8.332	9.479	17.811	0.498			2.2	209	08
25/01/24 11:50	8.766	9.777	18.543	0.558			1.8	201	18
25/01/24 11:55	9.045	10.362	19.407	0.617			1.4	190	23
25/01/24 12:00	9.285	10.996	20.281	0.579			1.2	155	23
25/01/24 12:05	9.808	11.959	21.767	0.534			1.2	167	21
25/01/24 12:10	9.636	12.185	21.821	0.683			1.4	183	21
25/01/24 12:15	9.211	12.544	21.755	0.674			1.0	182	29
25/01/24 12:20	7.728	10.162	17.890	0.624			1.5	198	21
25/01/24 12:25	20.640	17.704	38.343	0.510			0.9	165	30
25/01/24 12:30	37.869	18.259	56.128	0.621			1.3	201	19
25/01/24 12:35	31.816	20.090	51.906	0.803			0.8	140	24
25/01/24 12:40	34.950	20.148	55.098	0.890			1.3	164	20
25/01/24 12:45	36.877	23.747	60.623	0.873			1.5	143	25
25/01/24 12:50	24.451	18.450	42.901	0.881			1.6	145	24
25/01/24 12:55	8.958	11.631	20.589	0.807			1.6	130	21
25/01/24 13:00	27.719	18.403	46.122	0.805			1.7	120	14
25/01/24 13:05	33.163	7.901	41.064	0.699			1.0	121	20
25/01/24 13:10	5.280	12.489	17.769	0.859			0.9	128	29
25/01/24 13:15	6.954	13.899	20.853	0.840			1.1	133	22
25/01/24 13:20	9.686	10.137	19.823	0.578			1.4	132	17
25/01/24 13:25	36.495	12.857	49.351	0.710			1.2	131	24
25/01/24 13:30	15.465	12.873	28.338	0.791			1.5	152	23
25/01/24 13:35	9.128	10.702	19.830	0.632			1.6	149	22
25/01/24 13:40	3.954	8.063	12.017	0.639			1.1	150	27
25/01/24 13:45	4.775	8.097	12.872	0.621			1.0	160	26
25/01/24 13:50	8.532	16.927	25.459	0.576			1.1	159	22
25/01/24 13:55	7.476	10.153	17.630	0.532			1.2	195	22
25/01/24 14:00	3.927	9.205	13.132	0.472			1.1	209	12
25/01/24 14:05	7.583	6.097	13.679	0.456			0.8	167	32
25/01/24 14:10	5.918	10.130	16.048	0.417			0.9	164	27
25/01/24 14:15	7.953	13.005	20.958	0.492			1.3	184	20
25/01/24 14:20	4.301	10.584	14.885	0.578			1.2	174	25
25/01/24 14:25	3.653	10.700	14.354	0.607			1.7	188	21
25/01/24 14:30	3.269	10.429	13.698	0.526			2.1	192	16
25/01/24 14:35	3.260	10.033	13.293	0.591			2.0	199	14
25/01/24 14:40	2.855	10.075	12.930	0.521			2.6	190	13
25/01/24 14:45	3.010	9.893	12.903	0.448			2.5	191	15
25/01/24 14:50	2.983	8.842	11.825	0.395			1.8	179	24
25/01/24 14:55	2.569	7.325	9.894	0.408			2.3	135	15
25/01/24 15:00	2.439	6.852	9.292	0.405			2.1	134	14
25/01/24 15:05	2.868	7.620	10.489	0.400			1.8	99	23
25/01/24 15:10	2.824	7.686	10.511	0.362			1.4	88	18
25/01/24 15:15	2.902	10.375	13.277	0.275			0.9	73	19
25/01/24 15:20	4.016	12.891	16.907	0.214			0.7	167	34
25/01/24 15:25	3.442	11.936	15.378	0.264			0.6	212	28
25/01/24 15:30	2.862	11.033	13.895	0.261			0.9	245	14
25/01/24 15:35	2.754	10.289	13.043	0.291			1.5	227	08
25/01/24 15:40	2.569	10.239	12.808	0.316			1.7	229	10
25/01/24 15:45	2.236	10.223	12.459	0.292			1.9	256	05
25/01/24 15:50	1.997	10.475	12.473	0.264			2.7	267	04

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/01/24 15:55	2.677	12.588	15.265	0.174			4.1	266	03
25/01/24 16:00	9.056	26.288	35.345	0.176			2.4	282	14
25/01/24 16:05	11.954	22.962	34.917	0.110			2.6	316	26
25/01/24 16:10	8.782	15.569	24.351	0.195			0.8	320	64
25/01/24 16:15	5.549	11.211	16.759	0.302			2.0	31	15
25/01/24 16:20	7.251	12.674	19.925	0.433			2.3	25	18
25/01/24 16:25	6.942	16.945	23.887	0.426			2.3	17	15
25/01/24 16:30	5.882	16.967	22.848	0.355			2.1	355	24
25/01/24 16:35	5.420	16.469	21.890	0.355			1.8	318	27
25/01/24 16:40	4.760	15.496	20.255	0.435			0.9	287	44
25/01/24 16:45	5.170	17.072	22.242	0.411			1.3	312	27
25/01/24 16:50	6.010	19.873	25.883	0.293			1.4	1	20
25/01/24 16:55	7.593	22.986	30.579	0.419			1.5	24	19
25/01/24 17:00	8.962	21.835	30.796	0.426			1.7	40	14
25/01/24 17:05	8.782	19.344	28.126	0.383			1.6	26	14
25/01/24 17:10	9.125	19.337	28.462	0.329			1.8	2	20
25/01/24 17:15	9.263	19.328	28.591	0.440			1.6	2	25
25/01/24 17:20	9.308	19.403	28.711	0.555			1.9	1	23
25/01/24 17:25	9.961	20.016	29.978	0.476			1.6	329	30
25/01/24 17:30	10.299	20.518	30.817	0.442			1.7	353	29
25/01/24 17:35	10.173	20.621	30.794	0.339			2.5	359	21
25/01/24 17:40	9.402	20.072	29.474	0.240			2.9	1	23
25/01/24 17:45	6.784	12.072	18.857	0.251			2.1	344	35
25/01/24 17:50	2.656	8.936	11.592	0.284			2.2	336	29
25/01/24 17:55	1.893	9.665	11.558	0.324			1.8	349	33
25/01/24 18:00	2.356	11.908	14.264	0.221			2.8	4	19
25/01/24 18:05	3.186	16.775	19.960	0.142			2.9	6	20
25/01/24 18:10	2.963	12.677	15.640	0.211			2.6	3	22
25/01/24 18:15	2.609	12.371	14.980	0.206			2.1	1	26
25/01/24 18:20	2.464	12.209	14.673	0.165			0.9	358	45
25/01/24 18:25	2.563	12.982	15.544	0.369			1.4	2	27
25/01/24 18:30	3.211	14.641	17.851	0.483			1.4	340	31
25/01/24 18:35	4.047	18.628	22.675	0.444			1.1	347	26
25/01/24 18:40	4.626	20.582	25.208	0.380			2.1	358	22
25/01/24 18:45	4.978	20.489	25.467	0.273			1.8	1	20
25/01/24 18:50	5.130	20.089	25.219	0.410			2.1	338	30
25/01/24 18:55	4.897	19.633	24.530	0.550			1.5	343	31
25/01/24 19:00	4.613	19.510	24.123	0.457			1.5	354	31
25/01/24 19:05	4.362	19.427	23.789	0.372			1.4	4	26
25/01/24 19:10	4.708	19.674	24.382	0.359			1.4	6	21
25/01/24 19:15	4.756	19.757	24.513	0.353			1.9	358	15
25/01/24 19:20	4.258	19.163	23.421	0.397			1.4	25	22
25/01/24 19:25	4.026	18.310	22.335	0.516			1.3	23	24
25/01/24 19:30	3.437	17.394	20.831	0.483			2.0	15	18
25/01/24 19:35	2.818	16.586	19.403	0.452			1.7	36	17
25/01/24 19:40	2.339	15.831	18.169	0.394			2.2	37	15
25/01/24 19:45	1.967	15.408	17.375	0.512			2.1	38	15
25/01/24 19:50	1.658	14.658	16.316	0.514			2.8	35	12
25/01/24 19:55	1.395	12.532	13.927	0.452			2.7	37	16
25/01/24 20:00	1.191	11.090	12.281	0.479			1.4	16	30
25/01/24 20:05	0.973	11.328	12.301	0.459			2.2	12	17
25/01/24 20:10	0.805	12.156	12.961	0.416			1.5	328	33
25/01/24 20:15	0.852	13.200	14.052	0.426			2.3	297	13
25/01/24 20:20	1.179	14.848	16.028	0.346			2.1	305	15
25/01/24 20:25	1.975	19.457	21.432	0.323			1.5	319	21
25/01/24 20:30	3.466	22.256	25.722	0.184			1.3	355	30
25/01/24 20:35	6.419	23.086	29.505	0.230			1.0	338	31
25/01/24 20:40	14.278	19.978	34.256	0.324			1.6	355	22
25/01/24 20:45	19.132	20.516	39.649	0.452			1.5	13	23
25/01/24 20:50	18.489	20.422	38.910	0.546			1.5	1	26
25/01/24 20:55	16.057	19.505	35.563	0.555			1.2	330	40
25/01/24 21:00	12.892	20.484	33.376	0.568			1.7	335	27
25/01/24 21:05	10.040	21.346	31.386	0.611			1.3	329	30
25/01/24 21:10	8.321	20.213	28.534	0.619			1.5	343	28
25/01/24 21:15	5.248	16.610	21.858	0.618			1.8	357	27
25/01/24 21:20	3.380	15.868	19.248	0.603			2.1	3	21
25/01/24 21:25	3.629	17.065	20.694	0.543			1.5	1	22
25/01/24 21:30	3.704	17.352	21.057	0.426			2.0	3	24
25/01/24 21:35	3.292	15.414	18.707	0.420			2.0	318	25
25/01/24 21:40	2.843	13.907	16.750	0.439			2.5	331	24
25/01/24 21:45	2.229	11.520	13.749	0.424			1.8	316	23
25/01/24 21:50	1.779	9.192	10.971	0.337			2.2	348	25
25/01/24 21:55	1.405	8.346	9.751	0.343			2.3	4	23
25/01/24 22:00	1.094	7.086	8.180	0.387			1.8	335	23
25/01/24 22:05	0.926	6.540	7.466	0.389			2.0	339	20
25/01/24 22:10	0.738	6.462	7.200	0.327			2.1	347	27
25/01/24 22:15	0.710	6.763	7.474	0.278			2.3	8	20
25/01/24 22:20	0.703	7.457	8.160	0.259			2.8	12	15
25/01/24 22:25	0.784	8.075	8.860	0.268			2.4	9	22
25/01/24 22:30	0.629	8.237	8.866	0.321			2.1	356	25
25/01/24 22:35	0.396	8.238	8.634	0.371			2.2	357	27
25/01/24 22:40	0.299	8.287	8.586	0.382			1.6	0	28
25/01/24 22:45	0.286	8.707	8.993	0.371			1.4	336	31
25/01/24 22:50	0.359	9.645	10.004	0.426			1.8	6	23
25/01/24 22:55	0.451	11.024	11.476	0.403			1.9	8	21
25/01/24 23:00	0.714	12.617	13.331	0.331			1.7	6	20
25/01/24 23:05	1.011	14.130	15.141	0.301			2.0	6	19
25/01/24 23:10	0.953	13.173	14.125	0.325			2.1	15	16
25/01/24 23:15	0.733	8.189	8.922	0.363			2.4	16	15
25/01/24 23:20	0.628	6.269	6.897	0.423			2.4	14	18
25/01/24 23:25	1.040	6.749	7.789	0.358			1.9	13	23
25/01/24 23:30	1.125	6.360	7.485	0.339			2.0	359	24
25/01/24 23:35	0.593	5.720	6.313	0.341			1.9	358	22
25/01/24 23:40	0.252	6.079	6.332	0.343			1.3	326	26
25/01/24 23:45	0.135	6.783	6.918	0.348			1.6	325	29
25/01/24 23:50	0.105	7.501	7.606				1.4	358	33
25/01/24 23:55	0.221	7.897	8.117				1.4	355	25
26/01/24 00:00	0.269	8.212	8.481	0.365			1.5	326	29
26/01/24 00:05	0.332	8.686	9.017	0.419			1.0	333	28
26/01/24 00:10	0.388	9.212	9.601	0.432			0.8	315	31
26/01/24 00:15	0.402	9.760	10.162	0.400			0.6	352	42
26/01/24 00:20	0.276	10.278	10.555	0.410			0.9	356	32
26/01/24 00:25	0.269	10.355	10.624	0.407			1.5	296	17
26/01/24 00:30	0.287	9.838	10.124	0.386			1.7	286	19
26/01/24 00:35	0.297	9.538	9.835	0.388			1.7	298	15
26/01/24 00:40	0.704	10.558	11.261	0.395			2.1	277	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/01/24 00:45	0.968	11.965	12.933	0.392			2.0	281	13
26/01/24 00:50	0.984	11.797	12.781	0.358			1.9	282	14
26/01/24 00:55	0.840	10.758	11.598	0.442			2.2	277	15
26/01/24 01:00	0.742	10.502	11.243	0.547			2.1	294	13
26/01/24 01:05							1.7	328	18
26/01/24 01:10							1.7	314	18
26/01/24 01:15							2.3	307	15
26/01/24 01:20							2.4	291	13
26/01/24 01:25							2.6	299	12
26/01/24 01:30							2.1	302	14
26/01/24 01:35							2.3	309	13
26/01/24 01:40							2.3	329	17
26/01/24 01:45							1.9	328	17
26/01/24 01:50							1.7	304	22
26/01/24 01:55							2.3	309	13
26/01/24 02:00							2.4	312	14
26/01/24 02:05	0.521	8.711	9.232	0.533			2.2	318	15
26/01/24 02:10	0.430	7.378	7.809	0.482			1.9	310	12
26/01/24 02:15	0.433	5.796	6.229	0.525			2.3	307	12
26/01/24 02:20	0.502	5.280	5.783	0.542			2.2	305	11
26/01/24 02:25	0.496	5.559	6.055	0.577			2.1	300	14
26/01/24 02:30	0.383	5.794	6.177	0.537			1.7	285	17
26/01/24 02:35	0.295	5.810	6.104	0.508			2.1	290	15
26/01/24 02:40	0.216	5.974	6.190	0.465			1.8	295	18
26/01/24 02:45	0.284	6.471	6.755	0.501			1.3	292	20
26/01/24 02:50	0.355	6.959	7.314	0.491			1.7	314	11
26/01/24 02:55	0.389	7.278	7.667	0.475			2.4	310	11
26/01/24 03:00	0.323	7.044	7.367	0.448			1.9	290	17
26/01/24 03:05	0.274	6.625	6.899	0.452			1.8	287	18
26/01/24 03:10	0.177	6.204	6.381	0.473			2.1	303	11
26/01/24 03:15	0.126	5.755	5.881	0.444			2.2	302	16
26/01/24 03:20	0.110	5.390	5.500	0.462			2.5	308	13
26/01/24 03:25	0.169	4.992	5.162	0.459			2.3	290	13
26/01/24 03:30	0.179	4.670	4.849	0.438			2.1	295	17
26/01/24 03:35	0.217	4.453	4.671	0.449			2.5	313	14
26/01/24 03:40	0.235	4.326	4.561	0.489			2.1	296	13
26/01/24 03:45	0.280	4.334	4.615	0.528			2.2	291	18
26/01/24 03:50	0.455	4.629	5.085	0.572			3.2	291	12
26/01/24 03:55	1.201	5.672	6.873	0.570			2.5	294	13
26/01/24 04:00	2.034	7.690	9.724	0.473			2.7	301	13
26/01/24 04:05	1.850	7.030	8.880	0.483			2.3	301	10
26/01/24 04:10	1.497	5.630	7.127	0.547			2.4	303	14
26/01/24 04:15	1.175	5.384	6.559	0.531			2.8	294	12
26/01/24 04:20	0.833	5.213	6.046	0.530			2.2	297	12
26/01/24 04:25	0.629	5.068	5.697	0.583			2.5	300	11
26/01/24 04:30	0.505	5.160	5.665	0.526			2.6	298	12
26/01/24 04:35	0.275	5.278	5.553	0.458			2.4	303	15
26/01/24 04:40	0.304	5.388	5.692	0.497			1.9	304	13
26/01/24 04:45	0.391	5.573	5.964	0.593			2.0	302	11
26/01/24 04:50	0.444	5.808	6.252	0.669			1.8	307	12
26/01/24 04:55	0.451	6.163	6.614	0.636			1.7	298	13
26/01/24 05:00	0.538	6.514	7.053	0.548			2.2	298	11
26/01/24 05:05	0.820	6.856	7.676	0.515			2.2	297	15
26/01/24 05:10	1.396	7.662	9.058	0.472			2.4	291	13
26/01/24 05:15	2.142	8.950	11.092	0.500			2.8	291	13
26/01/24 05:20	3.091	11.389	14.480	0.481			2.7	291	14
26/01/24 05:25	4.624	12.887	17.511	0.534			2.6	293	13
26/01/24 05:30	6.263	12.956	19.219	0.586			2.9	303	11
26/01/24 05:35	4.034	9.347	13.380	0.605			2.5	306	12
26/01/24 05:40	2.169	8.864	11.033	0.612			2.3	302	16
26/01/24 05:45	1.849	8.497	10.346	0.643			2.4	297	16
26/01/24 05:50	1.463	8.219	9.683	0.572			2.0	299	16
26/01/24 05:55	1.440	7.893	9.333	0.615			2.1	295	14
26/01/24 06:00	1.497	7.696	9.193	0.606			1.6	293	16
26/01/24 06:05	1.676	7.609	9.285	0.554			1.8	302	14
26/01/24 06:10	1.868	7.572	9.440	0.591			1.9	302	15
26/01/24 06:15	2.161	7.482	9.643	0.607			1.7	296	14
26/01/24 06:20	2.481	7.481	9.962	0.521			2.5	300	17
26/01/24 06:25	3.432	7.576	11.008	0.498			2.2	297	13
26/01/24 06:30	4.628	7.875	12.503	0.539			2.1	295	18
26/01/24 06:35	4.801	7.462	12.262	0.616			2.1	301	16
26/01/24 06:40	4.421	6.877	11.298	0.630			2.3	293	16
26/01/24 06:45	4.214	6.741	10.955	0.681			2.4	292	18
26/01/24 06:50	4.466	6.887	11.353	0.594			3.0	291	15
26/01/24 06:55	5.613	7.470	13.083	0.598			2.8	288	15
26/01/24 07:00	6.674	8.119	14.793	0.609			2.9	288	13
26/01/24 07:05	7.051	7.837	14.888	0.540			2.6	288	16
26/01/24 07:10	7.074	7.382	14.456	0.569			3.1	289	13
26/01/24 07:15	6.669	6.227	12.896	0.631			3.4	287	12
26/01/24 07:20	6.211	5.580	11.791	0.753			3.1	289	13
26/01/24 07:25	5.984	5.265	11.249	0.763			3.6	283	15
26/01/24 07:30	6.615	5.800	12.415	0.859			3.6	281	16
26/01/24 07:35	6.575	5.614	12.190	0.899			4.7	280	12
26/01/24 07:40	6.236	5.123	11.359	0.914			6.1	269	10
26/01/24 07:45	5.642	4.606	10.248	1.015			4.9	277	14
26/01/24 07:50	4.750	3.218	7.968	1.049			6.1	273	09
26/01/24 07:55	3.928	0.937	4.865	1.014			5.8	267	08
26/01/24 08:00	3.401	1.348	4.749	0.918			4.8	281	13
26/01/24 08:05	3.066	1.592	4.658	1.000			6.9	271	10
26/01/24 08:10	2.847	1.870	4.717	0.975			7.9	256	06
26/01/24 08:15	2.861	2.308	5.168	0.913			5.4	267	10
26/01/24 08:20	2.751	2.875	5.626	0.999			6.3	261	12
26/01/24 08:25	2.700	3.129	5.829	0.993			6.8	261	08
26/01/24 08:30	2.529	2.730	5.259	1.043			7.7	259	10
26/01/24 08:35	2.336	2.419	4.754	0.962			7.2	259	07
26/01/24 08:40	2.225	2.624	4.848	0.832			6.9	249	08
26/01/24 08:45	3.091	4.118	7.209	0.842			7.0	246	05
26/01/24 08:50	3.377	4.967	8.344	0.852			7.3	259	10
26/01/24 08:55	3.261	3.015	6.276	0.816			6.7	261	09
26/01/24 09:00	3.213	4.039	7.251	0.790			7.5	265	07
26/01/24 09:05	3.439	4.400	7.839	0.781			6.6	254	11
26/01/24 09:10	3.873	4.736	8.609	0.847			7.2	254	10
26/01/24 09:15	3.817	4.155	7.972	0.866			7.8	252	07
26/01/24 09:20	3.798	4.334	8.132	0.896			9.8	253	08
26/01/24 09:25	3.540	3.548	7.088	0.874			9.9	254	06
26/01/24 09:30	3.649	3.816	7.465	0.830			9.2	253	08

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/01/24 09:35	3.599	3.932	7.531	0.767			9.2	252	09
26/01/24 09:40	3.364	3.592	6.956	0.763			8.7	247	09
26/01/24 09:45	3.293	3.390	6.684	0.809			8.7	252	10
26/01/24 09:50	2.969	3.140	6.109	0.790			7.8	258	08
26/01/24 09:55	2.706	2.958	5.664	0.706			8.7	239	09
26/01/24 10:00	2.313	2.543	4.857	0.643			8.8	249	10
26/01/24 10:05	2.168	2.646	4.815	0.653			9.5	239	07
26/01/24 10:10	1.744	2.259	4.004	0.692			11.0	233	05
26/01/24 10:15	1.555	2.083	3.639	0.632			9.4	240	08
26/01/24 10:20	1.763	2.213	3.976	0.736			8.4	244	09
26/01/24 10:25	1.760	2.392	4.151	0.838			8.8	246	12
26/01/24 10:30	1.777	2.355	4.132	0.855			8.3	242	11
26/01/24 10:35	1.836	2.403	4.239	0.880			8.0	245	09
26/01/24 10:40	1.909	2.560	4.469	0.868			8.2	254	10
26/01/24 10:45	2.165	3.069	5.234	0.773			9.3	251	09
26/01/24 10:50	2.465	3.451	5.916	0.792			7.9	246	08
26/01/24 10:55	2.387	3.383	5.770	0.811			7.7	254	12
26/01/24 11:00	2.269	2.929	5.198	0.845			8.2	258	07
26/01/24 11:05	2.200	2.271	4.470	0.820			8.4	243	14
26/01/24 11:10	1.980	1.919	3.899	0.837			8.2	236	06
26/01/24 11:15	1.398	0.632	2.030	0.772			7.4	237	07
26/01/24 11:20	1.711	1.207	2.918	0.742			8.2	236	11
26/01/24 11:25	1.802	2.252	4.054	0.752			5.9	243	11
26/01/24 11:30	2.095	5.272	7.367	0.815			7.8	253	12
26/01/24 11:35	2.083	3.944	6.027	0.807			8.4	245	10
26/01/24 11:40	2.065	3.268	5.333	0.953			8.4	236	10
26/01/24 11:45	1.956	2.230	4.186	0.954			8.0	240	08
26/01/24 11:50	1.717	1.519	3.236	0.905			8.5	231	04
26/01/24 11:55	1.351	0.343	1.695	0.862			9.0	230	07
26/01/24 12:00	1.081	0.443	1.524	0.797			8.6	232	06
26/01/24 12:05	1.072	0.513	1.585	0.740			8.6	221	09
26/01/24 12:10	1.016	0.669	1.685	0.788			8.0	217	06
26/01/24 12:15	0.910	0.778	1.687	0.816			7.0	223	07
26/01/24 12:20	0.737	0.792	1.529	0.841			7.7	223	05
26/01/24 12:25	0.541	0.792	1.333	0.864			7.2	223	07
26/01/24 12:30	0.394	0.835	1.229	0.849			6.1	219	06
26/01/24 12:35	0.451	0.787	1.238	0.782			7.6	221	05
26/01/24 12:40	0.368	0.858	1.226	0.718			7.3	217	07
26/01/24 12:45	0.317	0.873	1.191	0.721			7.5	210	06
26/01/24 12:50	0.243	0.880	1.122	0.710			8.1	219	08
26/01/24 12:55	0.259	0.867	1.126	0.697			7.4	214	06
26/01/24 13:00	0.450	0.813	1.264	0.666			9.1	211	05
26/01/24 13:05	1.304	1.361	2.664	0.662			6.6	202	06
26/01/24 13:10	14.075	7.431	21.506	0.666			4.9	191	08
26/01/24 13:15	12.781	5.360	18.141	0.604			3.6	187	12
26/01/24 13:20	7.393	4.295	11.688	0.627			4.2	192	10
26/01/24 13:25	4.557	2.818	7.375	0.636			3.7	194	09
26/01/24 13:30	3.152	3.110	6.262	0.619			3.3	193	10
26/01/24 13:35	2.619	2.213	4.832	0.619			3.6	195	10
26/01/24 13:40	1.984	1.354	3.338	0.570			6.8	205	05
26/01/24 13:45	1.121	0.640	1.762	0.558			7.2	209	06
26/01/24 13:50	1.015	0.537	1.552	0.564			7.1	211	05
26/01/24 13:55	0.929	0.524	1.453	0.439			7.3	207	04
26/01/24 14:00	0.778	0.656	1.434	0.398			7.3	206	05
26/01/24 14:05	0.746	0.833	1.579	0.348			7.2	211	05
26/01/24 14:10	0.646	0.903	1.549	0.427			6.8	206	08
26/01/24 14:15	24.189	7.213	31.403	0.508			4.9	192	09
26/01/24 14:20	13.555	4.711	18.267	0.548			4.2	191	10
26/01/24 14:25	9.227	5.388	14.616	0.482			4.3	191	12
26/01/24 14:30	6.038	2.771	8.808	0.559			4.7	193	09
26/01/24 14:35	8.940	3.919	12.859	0.547			5.1	191	09
26/01/24 14:40	7.995	3.367	11.362	0.575			4.3	188	09
26/01/24 14:45	5.992	4.452	10.444	0.528			4.5	187	12
26/01/24 14:50	9.380	11.637	21.016	0.562			4.0	188	14
26/01/24 14:55	14.398	5.593	19.990	0.579			4.5	189	12
26/01/24 15:00	17.119	2.166	19.285	0.634			4.1	187	12
26/01/24 15:05	12.684	4.522	17.206	0.596			4.6	188	11
26/01/24 15:10	7.550	5.292	12.842	0.527			3.7	185	16
26/01/24 15:15	7.107	7.257	14.364	0.495			4.9	191	12
26/01/24 15:20	4.448	5.024	9.472	0.493			5.0	191	10
26/01/24 15:25	3.103	0.782	3.885	0.409			5.6	195	07
26/01/24 15:30	3.838	0.211	4.050	0.400			5.0	189	13
26/01/24 15:35	20.290	0.939	21.229	0.473			4.7	189	13
26/01/24 15:40	8.104	1.979	10.083	0.529			5.4	188	12
26/01/24 15:45	25.566	7.234	32.800	0.539			5.2	188	10
26/01/24 15:50	13.359	7.869	21.227	0.548			5.2	190	11
26/01/24 15:55	73.912	16.583	90.495	0.682			5.7	193	11
26/01/24 16:00	62.572	13.289	75.861	0.749			5.7	190	11
26/01/24 16:05	29.011	10.201	39.212	0.765			6.4	192	10
26/01/24 16:10	44.558	12.841	57.399	0.830			6.3	194	11
26/01/24 16:15	10.263	7.364	17.626	0.803			5.0	185	12
26/01/24 16:20	2.874	2.417	5.291	0.793			4.7	179	14
26/01/24 16:25	11.858	3.099	14.957	0.819			5.1	184	13
26/01/24 16:30	14.261	9.001	23.262	0.840			5.4	185	11
26/01/24 16:35	3.028	5.070	8.099	0.775			5.2	187	09
26/01/24 16:40	4.208	5.392	9.600	0.735			5.6	186	12
26/01/24 16:45	0.736	1.584	2.320	0.656			6.1	188	10
26/01/24 16:50	0.789	2.179	2.968	0.650			6.0	188	11
26/01/24 16:55	0.726	1.925	2.652	0.598			5.5	187	10
26/01/24 17:00	0.656	1.835	2.491	0.470			5.6	187	09
26/01/24 17:05	0.751	1.868	2.619	0.423			5.2	189	10
26/01/24 17:10	0.957	2.004	2.960	0.498			4.6	184	13
26/01/24 17:15	0.890	1.893	2.783	0.624			5.7	186	10
26/01/24 17:20	0.896	1.852	2.748	0.618			6.4	191	09
26/01/24 17:25	0.796	1.642	2.438	0.568			4.8	182	12
26/01/24 17:30	0.751	1.540	2.292	0.431			4.9	181	16
26/01/24 17:35	0.634	1.274	1.908	0.473			4.5	176	17
26/01/24 17:40	0.413	1.103	1.516	0.499			5.3	185	11
26/01/24 17:45	0.350	1.028	1.378	0.541			5.6	190	11
26/01/24 17:50	0.474	0.932	1.406	0.613			5.1	191	11
26/01/24 17:55	0.492	0.876	1.368	0.603			5.3	195	09
26/01/24 18:00	0.415	0.784	1.199	0.576			5.2	192	10
26/01/24 18:05	0.291	0.829	1.120	0.541			4.8	194	10
26/01/24 18:10	0.242	0.786	1.028	0.503			5.6	195	08
26/01/24 18:15	0.141	0.801	0.943	0.396			5.2	192	09
26/01/24 18:20	0.190	0.957	1.147	0.357			4.7	192	10

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
26/01/24 18:25	0.326	1.137	1.463	0.308			4.8	191	10
26/01/24 18:30	0.356	1.135	1.490	0.331			4.7	196	07
26/01/24 18:35	0.448	0.953	1.401	0.391			4.5	196	10
26/01/24 18:40	0.443	0.881	1.324	0.378			4.0	188	10
26/01/24 18:45	0.391	0.846	1.237	0.419			3.7	186	11
26/01/24 18:50	0.373	0.751	1.124	0.426			3.5	188	13
26/01/24 18:55	0.345	0.685	1.029	0.364			3.0	192	11
26/01/24 19:00	0.326	0.678	1.004	0.347			3.2	193	08
26/01/24 19:05	0.293	0.657	0.949	0.356			4.2	196	08
26/01/24 19:10	0.176	0.611	0.788	0.394			3.4	190	11
26/01/24 19:15	0.107	0.554	0.661	0.404			4.2	195	07
26/01/24 19:20	0.094	0.515	0.609	0.432			3.2	188	13
26/01/24 19:25	0.095	0.484	0.579	0.417			3.2	193	12
26/01/24 19:30	0.155	0.691	0.846	0.471			4.7	198	06
26/01/24 19:35	0.052	0.747	0.798	0.427			3.8	196	09
26/01/24 19:40	-0.018	0.873	0.856	0.422			3.6	197	07
26/01/24 19:45	0.008	0.773	0.781	0.472			3.2	190	12
26/01/24 19:50	0.176	1.170	1.347	0.501			3.8	194	10
26/01/24 19:55	0.171	1.105	1.276	0.556			3.7	194	10
26/01/24 20:00	0.075	1.080	1.155	0.489			4.2	196	08
26/01/24 20:05	0.054	1.086	1.140	0.496			3.2	192	09
26/01/24 20:10	-0.014	1.013	0.999	0.524			4.0	198	08
26/01/24 20:15	0.011	0.839	0.850	0.563			4.0	193	11
26/01/24 20:20	0.033	0.771	0.804	0.579			3.6	193	09
26/01/24 20:25	-0.007	0.733	0.726	0.513			4.1	193	09
26/01/24 20:30	0.014	0.714	0.728	0.450			4.1	195	09
26/01/24 20:35	-0.067	0.731	0.664	0.444			3.5	196	10
26/01/24 20:40	-0.074	0.836	0.762	0.501			4.1	202	09
26/01/24 20:45	-0.052	0.949	0.897	0.550			4.0	215	07
26/01/24 20:50	-0.072	1.006	0.934	0.546			4.5	220	06
26/01/24 20:55	-0.075	0.928	0.853	0.556			4.9	226	08
26/01/24 21:00	0.713	1.507	2.220	0.550			5.4	233	05
26/01/24 21:05	0.665	1.618	2.283	0.502			5.9	232	06
26/01/24 21:10	0.612	2.257	2.869	0.438			6.0	235	07
26/01/24 21:15	0.380	1.531	1.910	0.438			5.7	229	05
26/01/24 21:20	0.622	4.946	5.568	0.460			4.8	246	10
26/01/24 21:25	2.086	14.246	16.333	0.699			4.5	246	10
26/01/24 21:30	4.695	13.982	18.677	0.979			5.0	250	08
26/01/24 21:35	5.490	11.111	16.601	1.296			5.0	249	09
26/01/24 21:40	5.327	10.643	15.970	1.387			5.5	244	08
26/01/24 21:45	5.354	11.857	17.211	1.543			5.6	250	07
26/01/24 21:50	5.717	11.216	16.933	1.720			6.0	247	08
26/01/24 21:55	5.905	11.294	17.199	1.835			5.2	247	07
26/01/24 22:00	6.443	12.525	18.968	1.952			5.6	247	08
26/01/24 22:05	6.498	10.384	16.882	1.945			5.8	246	09
26/01/24 22:10	6.354	9.400	15.754	2.051			4.7	252	11
26/01/24 22:15	6.386	11.284	17.670	2.082			4.4	253	08
26/01/24 22:20	6.348	10.613	16.962	2.045			4.9	251	10
26/01/24 22:25	5.666	5.419	11.086	2.041			4.6	256	09
26/01/24 22:30	5.284	8.517	13.801	1.865			4.5	252	08
26/01/24 22:35	5.240	9.876	15.116	1.773			4.6	258	06
26/01/24 22:40	4.998	9.917	14.915	1.635			4.1	254	10
26/01/24 22:45	4.844	10.441	15.284	1.667			3.7	252	12
26/01/24 22:50	5.272	11.025	16.297	1.712			3.8	253	10
26/01/24 22:55	6.453	13.664	20.116	1.748			3.7	260	07
26/01/24 23:00	6.833	13.835	20.668	1.754			3.5	259	13
26/01/24 23:05	7.315	13.900	21.215	1.773			3.2	268	11
26/01/24 23:10	6.952	13.742	20.694	1.727			3.1	266	11
26/01/24 23:15	6.089	13.038	19.127	1.651			3.7	264	11
26/01/24 23:20	5.310	12.082	17.392	1.574			3.4	261	09
26/01/24 23:25	4.796	10.690	15.485	1.622			3.5	262	09
26/01/24 23:30	4.288	9.925	14.213	1.516			3.7	260	08
26/01/24 23:35	4.657	12.377	17.034	1.425			4.2	256	07
26/01/24 23:40	5.655	15.851	21.506	1.464			4.1	263	07
26/01/24 23:45	5.824	13.301	19.125	1.414			2.7	269	14
26/01/24 23:50	5.055	10.640	15.695				1.8	287	11
26/01/24 23:55	3.959	8.920	12.879				1.5	290	16
27/01/24 00:00	2.674	8.590	11.265	1.409			1.9	291	15
27/01/24 00:05	1.662	9.510	11.172	1.230			1.7	283	15
27/01/24 00:10	1.249	9.406	10.654	1.031			1.9	279	16
27/01/24 00:15	1.166	9.566	10.732	0.996			1.8	291	15
27/01/24 00:20	1.162	10.328	11.490	0.863			1.8	293	16
27/01/24 00:25	1.009	10.527	11.536	0.799			2.6	295	10
27/01/24 00:30	0.863	10.375	11.237	0.761			2.3	293	13
27/01/24 00:35	0.801	10.370	11.171	0.788			2.1	291	13
27/01/24 00:40	0.769	10.331	11.100	0.817			2.3	295	12
27/01/24 00:45	0.853	10.518	11.371	0.782			2.1	294	14
27/01/24 00:50	0.915	10.621	11.536	0.675			2.1	296	10
27/01/24 00:55	0.917	10.560	11.477	0.601			1.7	293	17
27/01/24 01:00	0.764	10.377	11.141	0.562			1.6	296	15
27/01/24 01:05							1.3	295	18
27/01/24 01:10							1.7	305	15
27/01/24 01:15							1.9	305	10
27/01/24 01:20							1.5	329	15
27/01/24 01:25							1.5	335	18
27/01/24 01:30							1.5	338	12
27/01/24 01:35							1.3	350	22
27/01/24 01:40							1.4	349	27
27/01/24 01:45							1.6	351	20
27/01/24 01:50							1.3	333	15
27/01/24 01:55							1.5	325	17
27/01/24 02:00							1.5	322	15
27/01/24 02:05	3.657	14.832	18.489	0.615			1.8	324	15
27/01/24 02:10	3.299	12.659	15.957	0.669			2.4	321	10
27/01/24 02:15	2.416	10.102	12.518	0.621			2.0	333	12
27/01/24 02:20	2.015	9.437	11.452	0.608			1.8	326	20
27/01/24 02:25	1.745	9.530	11.275	0.705			2.0	326	11
27/01/24 02:30	1.370	9.465	10.835	0.688			2.0	329	14
27/01/24 02:35	1.323	9.660	10.983	0.526			1.5	335	16
27/01/24 02:40	1.515	10.212	11.727	0.427			1.3	333	19
27/01/24 02:45	2.093	10.904	12.997	0.471			1.5	342	14
27/01/24 02:50	3.655	12.158	15.813	0.450			1.4	344	16
27/01/24 02:55	6.754	12.960	19.713	0.561			1.9	319	18
27/01/24 03:00	3.110	9.489	12.598	0.589			2.5	316	11
27/01/24 03:05	1.135	7.353	8.488	0.601			2.7	313	09
27/01/24 03:10	0.670	7.449	8.119	0.589			3.0	315	09

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/01/24 03:15	0.475	7.060	7.535	0.571			2.7	314	08
27/01/24 03:20	0.406	6.747	7.153	0.518			2.6	318	10
27/01/24 03:25	0.273	6.628	6.901	0.454			2.6	316	10
27/01/24 03:30	0.254	6.377	6.631	0.412			2.8	313	10
27/01/24 03:35	0.250	6.180	6.430	0.402			2.7	319	08
27/01/24 03:40	0.243	6.073	6.317	0.309			3.0	318	09
27/01/24 03:45	0.375	6.006	6.381	0.195			2.7	313	08
27/01/24 03:50	0.440	5.879	6.319	0.222			2.7	313	08
27/01/24 03:55	0.457	5.804	6.262	0.294			2.9	314	10
27/01/24 04:00	0.356	5.693	6.050	0.356			2.8	313	09
27/01/24 04:05	0.294	5.612	5.905	0.339			2.8	314	07
27/01/24 04:10	0.174	5.694	5.868	0.402			2.3	319	12
27/01/24 04:15	0.206	5.710	5.916	0.383			2.3	314	11
27/01/24 04:20	0.216	6.040	6.256	0.385			1.3	337	15
27/01/24 04:25	1.510	7.826	9.335	0.422			1.2	354	19
27/01/24 04:30	7.622	16.564	24.186	0.393			1.4	351	17
27/01/24 04:35	7.898	15.021	22.919	0.371			1.1	329	21
27/01/24 04:40	7.576	14.494	22.070	0.325			1.3	330	18
27/01/24 04:45	7.962	14.367	22.329	0.374			1.4	330	17
27/01/24 04:50	8.423	14.262	22.685	0.447			1.6	324	20
27/01/24 04:55	8.681	13.931	22.612	0.494			2.3	316	15
27/01/24 05:00	7.687	13.628	21.315	0.530			2.5	317	10
27/01/24 05:05	5.731	13.033	18.763	0.529			2.9	313	09
27/01/24 05:10	2.995	9.573	12.568	0.498			2.7	313	11
27/01/24 05:15	1.505	8.066	9.571	0.496			2.7	312	10
27/01/24 05:20	1.278	7.824	9.103	0.573			2.6	311	09
27/01/24 05:25	1.126	7.775	8.901	0.498			1.9	322	14
27/01/24 05:30	2.547	10.849	13.396	0.434			1.5	326	21
27/01/24 05:35	13.986	17.345	31.331	0.468			1.5	3	23
27/01/24 05:40	20.560	13.574	34.134	0.540			1.3	353	21
27/01/24 05:45	20.468	14.039	34.506	0.554			1.0	348	25
27/01/24 05:50	19.783	14.037	33.820	0.545			1.5	336	29
27/01/24 05:55	18.997	13.775	32.772	0.521			1.5	340	18
27/01/24 06:00	18.535	13.704	32.240	0.585			1.6	349	16
27/01/24 06:05	18.904	13.686	32.590	0.537			1.5	349	25
27/01/24 06:10	19.525	13.587	33.112	0.596			1.7	351	21
27/01/24 06:15	19.976	13.415	33.391	0.685			1.9	348	22
27/01/24 06:20	20.237	13.380	33.617	0.737			1.7	358	22
27/01/24 06:25	21.273	13.341	34.615	0.848			1.6	342	23
27/01/24 06:30	22.250	13.365	35.615	0.943			1.5	338	24
27/01/24 06:35	22.391	13.084	35.475	1.066			1.8	328	17
27/01/24 06:40	21.498	12.961	34.459	1.058			1.8	331	19
27/01/24 06:45	20.370	12.842	33.212	0.999			1.7	343	27
27/01/24 06:50	19.867	12.521	32.388	1.101			1.6	312	19
27/01/24 06:55	19.484	12.239	31.723	1.120			1.6	322	24
27/01/24 07:00	19.195	11.899	31.095	1.049			1.9	314	16
27/01/24 07:05	18.246	11.011	29.257	1.073			2.1	313	19
27/01/24 07:10	14.770	4.948	19.718	1.051			2.4	310	10
27/01/24 07:15	6.338	5.032	11.370	1.011			2.4	304	15
27/01/24 07:20	4.108	4.705	8.813	0.976			1.8	300	19
27/01/24 07:25	4.158	5.242	9.399	1.023			2.3	272	17
27/01/24 07:30	3.865	5.021	8.886	1.005			2.2	293	18
27/01/24 07:35	3.786	5.259	9.045	0.904			2.5	282	17
27/01/24 07:40	4.056	5.206	9.262	0.939			2.8	286	14
27/01/24 07:45	4.307	5.252	9.559	1.000			2.8	289	22
27/01/24 07:50	4.422	5.229	9.651	0.997			2.2	285	16
27/01/24 07:55	4.296	5.105	9.401	1.006			2.1	306	21
27/01/24 08:00	4.241	5.069	9.309	1.098			1.6	305	24
27/01/24 08:05	4.213	4.989	9.202	1.069			1.8	297	27
27/01/24 08:10	4.469	4.979	9.448	1.080			2.4	305	23
27/01/24 08:15	4.653	4.929	9.582	1.092			1.8	292	20
27/01/24 08:20	5.105	5.275	10.379	1.043			2.1	292	23
27/01/24 08:25	5.010	5.096	10.106	0.983			2.6	303	23
27/01/24 08:30	4.634	4.751	9.385	0.930			2.9	251	16
27/01/24 08:35	4.127	4.398	8.526	0.960			2.8	264	26
27/01/24 08:40	3.678	3.892	7.570	0.971			2.1	274	22
27/01/24 08:45	3.298	3.450	6.747	0.961			2.7	273	17
27/01/24 08:50	3.163	2.973	6.136	0.980			4.0	260	11
27/01/24 08:55	2.759	2.747	5.505	0.919			3.5	240	10
27/01/24 09:00	2.562	2.722	5.284	0.942			4.9	221	07
27/01/24 09:05	2.315	2.345	4.660	0.958			4.3	244	09
27/01/24 09:10	2.025	2.209	4.233	0.951			4.7	243	08
27/01/24 09:15	1.794	1.993	3.788	0.921			5.1	219	11
27/01/24 09:20	1.762	1.667	3.429	0.897			5.7	226	07
27/01/24 09:25	1.507	1.323	2.830	0.799			4.3	230	09
27/01/24 09:30	1.149	1.144	2.293	0.722			3.8	247	16
27/01/24 09:35	1.434	1.818	3.252	0.694			2.9	242	09
27/01/24 09:40	1.550	2.443	3.993	0.715			3.7	256	14
27/01/24 09:45	1.453	2.378	3.831	0.795			3.9	232	10
27/01/24 09:50	1.279	2.232	3.510	0.737			4.5	237	08
27/01/24 09:55	1.334	2.396	3.730	0.617			3.6	261	17
27/01/24 10:00	1.631	2.461	4.093	0.643			5.9	267	08
27/01/24 10:05	1.397	2.053	3.451	0.685			4.3	277	10
27/01/24 10:10	1.140	1.845	2.985	0.633			3.3	288	19
27/01/24 10:15	0.961	1.847	2.809	0.541			3.1	292	12
27/01/24 10:20	1.013	1.922	2.935	0.507			3.3	269	14
27/01/24 10:25	1.229	2.023	3.252	0.527			6.3	262	11
27/01/24 10:30	1.495	2.295	3.790	0.579			5.5	264	14
27/01/24 10:35	2.395	2.583	4.978	0.624			5.2	267	09
27/01/24 10:40	1.900	2.411	4.311	0.570			5.4	258	09
27/01/24 10:45	1.782	1.999	3.781	0.539			6.0	271	09
27/01/24 10:50	1.239	1.603	2.842	0.443			4.7	244	15
27/01/24 10:55	1.312	1.864	3.176	0.452			6.7	231	10
27/01/24 11:00	1.672	1.957	3.628	0.429			6.4	250	11
27/01/24 11:05	1.556	1.885	3.441	0.368			5.7	255	13
27/01/24 11:10	1.966	1.929	3.894	0.479			4.0	250	12
27/01/24 11:15	1.568	1.952	3.520	0.517			5.4	230	11
27/01/24 11:20	1.348	1.917	3.265	0.483			4.6	253	21
27/01/24 11:25	1.278	1.838	3.116	0.396			5.4	252	15
27/01/24 11:30	1.163	1.753	2.916	0.471			5.0	253	11
27/01/24 11:35	1.189	1.810	2.999	0.462			5.0	247	13
27/01/24 11:40	1.119	1.800	2.919	0.402			4.6	239	09
27/01/24 11:45	1.123	1.815	2.938	0.481			4.7	227	13
27/01/24 11:50	1.190	1.933	3.123	0.515			5.1	255	10
27/01/24 11:55	1.316	2.116	3.432	0.507			6.1	240	09
27/01/24 12:00	1.266	2.090	3.356	0.450			3.7	238	11

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/01/24 12:05	1.309	2.237	3.546	0.399			4.0	239	18
27/01/24 12:10	1.852	2.701	4.553	0.378			4.3	242	09
27/01/24 12:15	1.931	2.783	4.715	0.449			5.4	251	10
27/01/24 12:20	1.782	2.609	4.390	0.339			4.8	243	10
27/01/24 12:25	2.040	2.634	4.674	0.461			4.7	260	16
27/01/24 12:30	1.748	2.312	4.060	0.369			4.1	269	11
27/01/24 12:35	1.449	2.107	3.556	0.280			4.9	246	30
27/01/24 12:40	1.951	2.457	4.408	0.184			5.6	234	14
27/01/24 12:45	1.942	2.813	4.755	0.191			5.5	236	08
27/01/24 12:50	1.535	2.323	3.858	0.220			4.6	249	19
27/01/24 12:55	1.280	1.646	2.926	0.205			5.6	269	12
27/01/24 13:00	0.896	1.256	2.152	0.131			4.6	264	10
27/01/24 13:05	0.789	1.312	2.101	0.049			4.6	238	15
27/01/24 13:10	0.867	1.488	2.355	-0.011			6.1	221	06
27/01/24 13:15	0.840	1.425	2.264	-0.002			5.4	240	15
27/01/24 13:20	0.941	1.456	2.397	0.060			5.1	252	12
27/01/24 13:25	1.085	1.614	2.699	0.060			5.3	247	14
27/01/24 13:30	1.619	2.238	3.858	0.204			5.0	260	08
27/01/24 13:35	1.238	1.523	2.761	0.149			5.8	261	09
27/01/24 13:40	1.462	1.595	3.058	0.120			5.9	253	06
27/01/24 13:45	1.447	1.612	3.059	0.141			5.2	243	08
27/01/24 13:50	1.253	1.446	2.699	0.070			4.8	243	19
27/01/24 13:55	1.314	1.567	2.881	0.091			7.0	255	08
27/01/24 14:00	1.197	1.524	2.721	0.109			6.1	252	13
27/01/24 14:05	0.918	1.580	2.497	0.114			5.5	245	18
27/01/24 14:10	0.904	1.907	2.811	0.111			7.4	244	14
27/01/24 14:15	0.948	1.898	2.846	0.062			6.2	232	08
27/01/24 14:20	0.834	1.857	2.691	0.030			7.1	231	10
27/01/24 14:25	0.817	1.776	2.593	0.113			5.5	250	17
27/01/24 14:30	0.819	1.722	2.541	0.178			6.3	237	15
27/01/24 14:35	0.787	1.512	2.299	0.158			7.3	221	05
27/01/24 14:40	0.854	1.260	2.114	0.067			5.7	215	07
27/01/24 14:45	1.160	1.576	2.737	-0.033			6.8	260	11
27/01/24 14:50	1.342	2.331	3.672	-0.027			5.8	221	14
27/01/24 14:55	1.653	2.384	4.037	0.083			7.3	239	18
27/01/24 15:00	1.845	1.844	3.689	0.053			5.5	264	20
27/01/24 15:05	2.280	1.435	3.715	0.078			6.6	234	12
27/01/24 15:10	2.114	0.904	3.018	0.101			6.2	228	07
27/01/24 15:15	1.462	0.879	2.341	0.102			5.3	239	12
27/01/24 15:20	2.637	4.384	7.022	0.141			5.9	217	12
27/01/24 15:25	25.498	20.057	45.555	0.234			5.4	197	13
27/01/24 15:30				0.277			6.8	208	09
27/01/24 15:35	35.320	12.144	47.464	0.271			6.0	198	12
27/01/24 15:40	48.591	18.557	67.148	0.378			6.0	198	12
27/01/24 15:45	32.599	9.064	41.663	0.441			6.2	192	11
27/01/24 15:50	12.083	7.649	19.732	0.416			6.2	189	08
27/01/24 15:55	28.520	14.987	43.507	0.525			6.0	194	09
27/01/24 16:00	22.423	5.759	28.182	0.649			6.0	191	08
27/01/24 16:05	23.848	20.976	44.823	0.973			4.6	191	10
27/01/24 16:10	47.276	11.384	58.659	3.054			5.4	194	09
27/01/24 16:15	48.890	12.426	61.315	8.983			4.4	190	11
27/01/24 16:20	44.223	15.626	59.849	8.469			3.9	187	15
27/01/24 16:25	72.478	16.585	89.063	10.476			3.1	192	13
27/01/24 16:30	104.040	11.454	115.494	14.614			4.4	193	09
27/01/24 16:35	72.815	17.139	89.954	16.034			2.9	188	19
27/01/24 16:40	4.122	1.772	5.894	8.611			2.5	167	27
27/01/24 16:45	0.893	0.555	1.448	4.376			2.9	180	21
27/01/24 16:50	1.412	5.749	7.162	3.201			3.4	185	14
27/01/24 16:55	2.947	1.950	4.897	2.924			3.0	187	16
27/01/24 17:00	24.015	5.889	29.903	2.297			2.5	178	21
27/01/24 17:05	7.310	2.412	9.721	1.953			5.4	214	15
27/01/24 17:10	1.640	3.567	5.207	1.738			5.2	230	13
27/01/24 17:15	0.731	0.929	1.660	1.331			6.0	224	06
27/01/24 17:20	0.503	0.301	0.804	1.145			7.4	235	07
27/01/24 17:25	0.741	0.970	1.711	1.044			6.5	240	07
27/01/24 17:30	0.994	1.402	2.396	0.958			8.0	235	06
27/01/24 17:35	0.671	0.844	1.514	0.649			7.5	232	06
27/01/24 17:40	0.397	0.708	1.105	0.297			8.0	227	04
27/01/24 17:45	0.322	0.742	1.064	0.266			7.9	225	04
27/01/24 17:50	0.295	0.874	1.169	0.191			7.9	227	05
27/01/24 17:55	0.331	0.860	1.191	0.207			7.7	218	04
27/01/24 18:00	0.243	0.821	1.064	0.205			9.9	217	03
27/01/24 18:05	0.291	0.874	1.165	0.177			9.5	213	05
27/01/24 18:10	0.276	1.048	1.323	0.362			6.5	198	06
27/01/24 18:15	0.342	1.314	1.656	0.577			5.5	191	08
27/01/24 18:20	0.338	1.328	1.666	0.284			4.8	187	13
27/01/24 18:25	0.299	1.650	1.949	0.049			4.3	184	14
27/01/24 18:30	0.569	3.054	3.623	0.301			3.6	184	14
27/01/24 18:35	0.703	4.147	4.850	0.368			3.7	182	15
27/01/24 18:40	0.590	3.352	3.942	0.355			3.3	177	15
27/01/24 18:45	0.616	3.556	4.172	0.289			2.7	166	25
27/01/24 18:50	0.669	3.644	4.313	0.295			3.4	187	14
27/01/24 18:55	0.588	2.941	3.529	0.321			4.8	197	08
27/01/24 19:00	0.451	2.418	2.869	0.269			4.5	200	08
27/01/24 19:05	0.392	1.973	2.365	0.207			5.5	210	07
27/01/24 19:10	0.322	1.726	2.048	0.202			6.5	219	04
27/01/24 19:15	0.322	1.551	1.873	0.256			7.1	221	04
27/01/24 19:20	0.313	1.388	1.701	0.227			8.2	224	06
27/01/24 19:25	0.244	1.254	1.498	0.224			8.8	232	05
27/01/24 19:30	0.180	1.206	1.386	0.116			8.4	232	05
27/01/24 19:35	0.208	1.079	1.287	0.076			8.1	231	04
27/01/24 19:40	0.196	1.075	1.271	0.089			7.6	229	05
27/01/24 19:45	0.225	1.119	1.344	0.104			7.5	226	05
27/01/24 19:50	0.209	1.076	1.285	0.170			7.5	227	07
27/01/24 19:55	0.161	1.033	1.194	0.218			7.7	232	04
27/01/24 20:00	0.131	1.051	1.182	0.228			7.5	232	08
27/01/24 20:05	0.058	1.112	1.170	0.187			7.1	241	07
27/01/24 20:10	0.074	1.116	1.190	0.127			6.9	236	07
27/01/24 20:15	0.153	1.159	1.312	0.143			7.3	234	05
27/01/24 20:20	0.146	1.142	1.288	0.113			6.3	231	05
27/01/24 20:25	0.139	1.269	1.407	0.036			6.5	242	12
27/01/24 20:30	0.049	1.561	1.611	-0.058			6.9	241	05
27/01/24 20:35	0.042	1.648	1.691	0.030			6.2	241	08
27/01/24 20:40	0.029	1.704	1.733	0.190			6.2	235	07
27/01/24 20:45	0.018	1.754	1.772	0.254			6.3	236	09
27/01/24 20:50	-0.051	1.768	1.717	0.237			5.8	245	07

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/01/24 20:55	-0.003	1.836	1.833	0.261			5.2	240	07
27/01/24 21:00	0.417	2.701	3.118	0.380			5.8	226	08
27/01/24 21:05	0.327	1.765	2.092	0.408			7.1	225	05
27/01/24 21:10	0.317	1.509	1.826	0.345			6.8	231	04
27/01/24 21:15	0.216	1.462	1.679	0.316			6.3	234	08
27/01/24 21:20	0.180	1.405	1.585	0.464			5.9	239	08
27/01/24 21:25	0.201	1.629	1.830	0.299			5.1	239	09
27/01/24 21:30	0.177	1.758	1.935	0.267			5.8	240	06
27/01/24 21:35	0.186	1.699	1.885	0.266			5.8	241	07
27/01/24 21:40	0.207	1.635	1.842	0.295			6.3	238	07
27/01/24 21:45	0.155	1.468	1.623	0.123			6.5	236	08
27/01/24 21:50	0.063	1.334	1.397	0.106			7.1	233	05
27/01/24 21:55	0.106	1.219	1.325	0.169			5.6	236	06
27/01/24 22:00	0.148	1.503	1.651	0.195			5.0	236	05
27/01/24 22:05	0.346	2.008	2.353	0.116			5.0	238	09
27/01/24 22:10	0.300	2.058	2.358	0.136			6.2	234	10
27/01/24 22:15	0.257	1.845	2.101	0.096			6.0	234	07
27/01/24 22:20	0.312	1.705	2.016	-0.024			5.7	243	07
27/01/24 22:25	0.401	1.628	2.029	-0.016			6.9	240	06
27/01/24 22:30	0.496	1.609	2.105	0.058			7.6	233	05
27/01/24 22:35	0.377	1.466	1.843	-0.085			8.0	239	05
27/01/24 22:40	0.401	1.432	1.833	-0.164			7.2	237	05
27/01/24 22:45	0.375	1.486	1.860	0.014			6.4	241	06
27/01/24 22:50	0.465	1.525	1.990	0.029			6.5	240	07
27/01/24 22:55	0.476	1.688	2.164	0.068			7.0	242	05
27/01/24 23:00	1.203	2.683	3.886	-0.047			5.7	243	08
27/01/24 23:05	1.459	3.964	5.422	-0.098			4.6	246	09
27/01/24 23:10	1.954	5.669	7.623	-0.010			5.8	247	08
27/01/24 23:15	2.172	5.759	7.931	-0.035			5.6	256	07
27/01/24 23:20	2.266	6.071	8.337	0.027			5.5	253	07
27/01/24 23:25	2.384	6.372	8.756	0.028			4.3	258	09
27/01/24 23:30	2.850	7.588	10.438	0.054			5.4	259	11
27/01/24 23:35	3.046	7.578	10.624	0.135			5.1	257	09
27/01/24 23:40	3.448	8.215	11.663	0.162			4.7	256	06
27/01/24 23:45	3.533	7.550	11.084	0.225			4.1	252	08
27/01/24 23:50	4.084	10.711	14.795				4.2	255	10
27/01/24 23:55	3.713	6.133	9.846				4.7	256	05
28/01/24 00:00	3.103	2.844	5.947	0.298			4.4	256	08
28/01/24 00:05	3.057	4.897	7.954	0.412			3.4	267	10
28/01/24 00:10	2.670	4.733	7.403	0.522			3.9	258	06
28/01/24 00:15	2.628	6.164	8.792	0.694			3.8	256	07
28/01/24 00:20	3.547	12.075	15.622	0.786			3.4	253	11
28/01/24 00:25	6.581	17.039	23.620	0.917			3.3	255	09
28/01/24 00:30	7.078	12.029	19.107	0.900			3.6	259	07
28/01/24 00:35	4.901	5.730	10.630	0.838			3.1	270	10
28/01/24 00:40	3.138	7.007	10.145	0.921			4.1	261	07
28/01/24 00:45	3.556	9.367	12.923	1.084			3.8	260	06
28/01/24 00:50	5.315	10.481	15.795	1.193			3.8	264	06
28/01/24 00:55	3.034	11.318	14.353	1.218			3.7	266	09
28/01/24 01:00	2.712	7.607	10.319	1.113			3.4	262	12
28/01/24 01:05							4.3	262	06
28/01/24 01:10							4.8	261	07
28/01/24 01:15							4.3	265	07
28/01/24 01:20							4.5	264	07
28/01/24 01:25							4.5	267	07
28/01/24 01:30							4.3	274	09
28/01/24 01:35							3.3	278	13
28/01/24 01:40							3.3	274	10
28/01/24 01:45							2.8	273	12
28/01/24 01:50							2.2	280	13
28/01/24 01:55							1.9	284	16
28/01/24 02:00							2.5	281	15
28/01/24 02:05	0.699	2.785	3.485	1.174			3.5	270	08
28/01/24 02:10	0.607	3.388	3.995	1.147			4.7	265	07
28/01/24 02:15	0.889	4.179	5.068	1.123			4.4	264	08
28/01/24 02:20	1.043	4.777	5.819	1.085			5.5	255	11
28/01/24 02:25	1.179	4.827	6.006	1.061			5.6	245	08
28/01/24 02:30	1.437	4.976	6.414	1.103			5.2	250	08
28/01/24 02:35	1.626	5.049	6.674	1.096			4.7	251	07
28/01/24 02:40	2.020	5.294	7.314	1.029			4.7	244	09
28/01/24 02:45	2.556	5.818	8.373	1.218			4.1	258	07
28/01/24 02:50	3.391	6.887	10.278	1.195			4.0	256	10
28/01/24 02:55	3.784	7.282	11.066	1.143			4.1	257	07
28/01/24 03:00	4.973	11.921	16.894	1.089			4.0	260	08
28/01/24 03:05	7.259	12.297	19.556	1.194			3.7	261	11
28/01/24 03:10	5.916	10.794	16.710	1.178			3.5	261	08
28/01/24 03:15	5.514	8.335	13.848	1.139			2.6	280	14
28/01/24 03:20	2.630	4.189	6.819	1.225			2.2	291	15
28/01/24 03:25	0.906	2.925	3.831	1.282			2.6	285	14
28/01/24 03:30	0.119	2.834	2.952	1.179			2.0	286	16
28/01/24 03:35	0.064	2.511	2.575	1.094			2.1	279	14
28/01/24 03:40	0.099	2.367	2.466	1.089			2.0	286	18
28/01/24 03:45	0.247	3.111	3.358	1.122			2.1	291	15
28/01/24 03:50	0.351	4.087	4.438	1.125			2.1	289	16
28/01/24 03:55	0.421	4.444	4.865	1.056			2.5	286	13
28/01/24 04:00	0.641	5.027	5.668	0.966			2.4	291	16
28/01/24 04:05	0.649	5.517	6.166	1.040			2.3	289	18
28/01/24 04:10	0.727	5.998	6.725	1.128			2.1	290	12
28/01/24 04:15	1.187	6.889	8.076	1.216			2.2	303	12
28/01/24 04:20	1.304	7.424	8.729	1.120			2.0	310	10
28/01/24 04:25	1.175	6.848	8.022	1.042			2.0	311	11
28/01/24 04:30	1.035	6.468	7.503	0.938			2.2	301	13
28/01/24 04:35	1.183	7.030	8.213	0.974			2.0	307	11
28/01/24 04:40	1.249	7.460	8.709	1.053			2.0	313	08
28/01/24 04:45	1.194	7.463	8.656	1.100			2.1	313	11
28/01/24 04:50	1.112	7.378	8.490	0.952			1.8	323	18
28/01/24 04:55	0.929	7.320	8.249	0.846			1.9	313	13
28/01/24 05:00	0.709	7.403	8.112	1.054			1.9	305	15
28/01/24 05:05	0.589	7.204	7.793	1.085			2.1	293	14
28/01/24 05:10	0.480	6.763	7.243	1.028			2.3	294	15
28/01/24 05:15	0.684	6.756	7.440	0.981			2.3	292	16
28/01/24 05:20	1.124	7.324	8.448	1.001			1.9	285	15
28/01/24 05:25	1.302	7.936	9.238	0.935			1.8	291	17
28/01/24 05:30	1.169	7.919	9.087	0.971			1.9	299	10
28/01/24 05:35	1.056	7.661	8.717	0.953			1.8	303	13
28/01/24 05:40	0.934	7.304	8.238	0.988			1.8	296	12

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/01/24 05:45	1.055	7.437	8.491	1.034			1.3	329	19
28/01/24 05:50	1.566	8.149	9.715	0.971			1.5	322	11
28/01/24 05:55	1.814	8.615	10.429	1.093			1.7	319	11
28/01/24 06:00	1.852	8.523	10.375	1.136			2.1	313	08
28/01/24 06:05	1.966	8.360	10.326	1.070			2.4	312	08
28/01/24 06:10	2.042	8.345	10.387	0.959			2.3	315	08
28/01/24 06:15	2.536	8.346	10.883	0.951			2.2	316	12
28/01/24 06:20	3.551	8.605	12.156	0.900			1.9	317	10
28/01/24 06:25	7.152	10.171	17.324	0.803			2.3	315	11
28/01/24 06:30	21.500	10.241	31.741	0.849			1.4	316	15
28/01/24 06:35	23.518	11.293	34.811	1.115			1.4	327	19
28/01/24 06:40	22.410	11.203	33.614	1.382			1.6	321	20
28/01/24 06:45	16.553	11.034	27.587	1.352			1.9	317	16
28/01/24 06:50	15.256	10.096	25.352	1.413			1.8	317	16
28/01/24 06:55	16.063	10.264	26.327	1.471			1.9	310	14
28/01/24 07:00	14.267	10.102	24.369	1.194			1.8	310	13
28/01/24 07:05	11.663	8.489	20.152	1.186			1.7	309	15
28/01/24 07:10	8.994	5.939	14.933	1.364			1.8	318	10
28/01/24 07:15	8.081	5.683	13.764	1.422			1.8	313	14
28/01/24 07:20	7.521	5.530	13.051	1.404			1.6	303	20
28/01/24 07:25	6.984	5.725	12.709	1.428			1.7	286	20
28/01/24 07:30	6.654	5.637	12.290	1.442			1.4	285	25
28/01/24 07:35	6.444	5.497	11.941	1.531			2.5	269	15
28/01/24 07:40	6.383	5.449	11.832	1.592			2.3	270	13
28/01/24 07:45	6.275	5.434	11.708	1.393			4.0	267	09
28/01/24 07:50	8.086	6.445	14.531	1.348			4.4	260	11
28/01/24 07:55	6.110	3.574	9.683	1.424			4.9	238	07
28/01/24 08:00	3.598	2.396	5.995	1.441			4.8	261	07
28/01/24 08:05	1.821	2.023	3.844	1.491			4.4	255	11
28/01/24 08:10	1.320	1.746	3.066	1.434			3.7	258	13
28/01/24 08:15	2.086	2.904	4.990	1.378			3.4	262	12
28/01/24 08:20	2.127	2.379	4.506	1.292			3.8	270	14
28/01/24 08:25	1.878	1.457	3.334	1.338			4.1	260	11
28/01/24 08:30	1.747	1.521	3.269	1.287			3.7	254	16
28/01/24 08:35	1.808	1.796	3.604	1.206			2.5	266	17
28/01/24 08:40	1.904	2.213	4.117	1.143			2.9	264	11
28/01/24 08:45	2.030	2.429	4.459	1.116			3.2	264	09
28/01/24 08:50	2.027	2.312	4.339	1.031			3.6	254	07
28/01/24 08:55	1.886	2.269	4.155	1.015			2.1	252	12
28/01/24 09:00	2.042	2.382	4.424	1.085			2.2	272	14
28/01/24 09:05	2.667	2.759	5.427	1.146			1.7	268	22
28/01/24 09:10	2.644	2.760	5.404	1.262			3.3	246	11
28/01/24 09:15	2.321	2.563	4.884	1.213			4.2	232	11
28/01/24 09:20	1.867	2.051	3.918	1.163			5.1	227	06
28/01/24 09:25	1.393	1.496	2.890	1.099			3.8	234	12
28/01/24 09:30	1.213	1.013	2.226	1.056			4.5	231	08
28/01/24 09:35	0.991	0.882	1.873	1.011			4.0	218	08
28/01/24 09:40	4.944	7.647	12.591	1.144			3.4	210	06
28/01/24 09:45	2.576	1.837	4.413	1.135			2.8	214	07
28/01/24 09:50	2.306	5.290	7.596	1.148			3.2	205	08
28/01/24 09:55	5.663	4.291	9.954	1.122			1.9	176	18
28/01/24 10:00	38.716	12.300	51.015	1.066			2.7	207	11
28/01/24 10:05	23.643	4.224	27.866	1.211			2.7	201	21
28/01/24 10:10	7.592	5.573	13.164	1.161			2.3	193	16
28/01/24 10:15	3.233	2.792	6.025	1.106			2.7	192	12
28/01/24 10:20	4.858	4.535	9.394	1.058			3.3	198	11
28/01/24 10:25	7.341	4.629	11.970	1.102			3.1	194	10
28/01/24 10:30	5.486	3.797	9.283	1.043			2.8	198	14
28/01/24 10:35	3.715	2.266	5.981	0.978			2.3	187	17
28/01/24 10:40	2.105	2.041	4.146	0.904			2.1	188	17
28/01/24 10:45	2.518	2.250	4.768	0.926			2.1	176	18
28/01/24 10:50	3.505	2.172	5.677	1.027			1.6	168	24
28/01/24 10:55	3.036	2.287	5.323	1.121			1.8	173	21
28/01/24 11:00	2.957	2.422	5.379	1.129			2.3	178	20
28/01/24 11:05	2.228	1.511	3.740	1.089			1.7	173	23
28/01/24 11:10	2.271	2.615	4.887	1.107			2.2	165	18
28/01/24 11:15	2.149	1.820	3.969	0.992			2.0	178	21
28/01/24 11:20	2.666	1.732	4.398	0.995			1.6	155	26
28/01/24 11:25	2.005	1.128	3.134	1.013			1.6	158	26
28/01/24 11:30	1.705	2.062	3.767	0.978			1.6	163	25
28/01/24 11:35	2.969	2.814	5.783	0.992			1.6	158	24
28/01/24 11:40	1.957	1.683	3.640	1.066			1.7	149	23
28/01/24 11:45	0.688	3.078	3.766	1.103			1.8	149	24
28/01/24 11:50	0.792	2.377	3.169	1.072			2.1	158	25
28/01/24 11:55	1.015	3.818	4.833	1.177			1.3	164	31
28/01/24 12:00	1.232	3.976	5.209	1.178			2.2	146	22
28/01/24 12:05	1.496	3.234	4.730	1.215			2.3	142	17
28/01/24 12:10	1.482	1.240	2.722	1.118			2.2	138	15
28/01/24 12:15	1.759	2.124	3.883	1.007			2.5	140	19
28/01/24 12:20	1.720	1.747	3.466	1.024			2.2	145	22
28/01/24 12:25	1.298	0.641	1.940	1.112			2.9	140	12
28/01/24 12:30	1.195	0.905	2.100	1.066			2.3	137	17
28/01/24 12:35	0.945	1.046	1.992	1.085			2.2	139	22
28/01/24 12:40	0.916	0.936	1.852	1.133			2.8	137	16
28/01/24 12:45	1.450	1.338	2.789	1.128			3.1	136	14
28/01/24 12:50	4.591	5.431	10.022	1.089			2.2	123	19
28/01/24 12:55	1.594	1.921	3.515	0.960			2.9	137	12
28/01/24 13:00	1.717	1.510	3.227	0.927			3.1	141	13
28/01/24 13:05	0.573	0.586	1.159	0.931			2.8	139	13
28/01/24 13:10	0.420	0.758	1.178	0.893			2.3	137	16
28/01/24 13:15	0.348	0.800	1.148	0.885			2.4	135	14
28/01/24 13:20	0.363	0.791	1.154	0.793			2.5	137	12
28/01/24 13:25	0.440	0.921	1.361	0.803			2.1	139	14
28/01/24 13:30	0.431	0.934	1.364	0.829			1.6	138	18
28/01/24 13:35	0.351	0.989	1.340	0.822			1.8	143	24
28/01/24 13:40	0.365	1.032	1.397	0.734			1.6	144	19
28/01/24 13:45	0.390	1.052	1.442	0.645			1.7	146	18
28/01/24 13:50	0.420	1.016	1.436	0.643			1.8	167	23
28/01/24 13:55	0.388	1.136	1.524	0.616			1.6	160	23
28/01/24 14:00	0.254	1.180	1.434	0.718			1.5	160	27
28/01/24 14:05	0.194	1.337	1.530	0.697			1.4	159	30
28/01/24 14:10	0.201	1.288	1.489	0.735			1.5	165	23
28/01/24 14:15	0.413	1.411	1.824	0.799			1.4	164	29
28/01/24 14:20	0.516	1.433	1.950	0.786			1.7	160	26
28/01/24 14:25	0.468	1.282	1.751	0.819			2.1	151	24
28/01/24 14:30	0.345	1.074	1.419	0.777			1.8	162	29

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/01/24 14:35	0.291	0.999	1.290	0.698			1.4	168	28
28/01/24 14:40	0.333	1.063	1.396	0.755			1.8	159	25
28/01/24 14:45	0.364	1.172	1.536	0.775			1.9	157	27
28/01/24 14:50	0.452	1.127	1.579	0.807			1.6	170	27
28/01/24 14:55	0.497	1.061	1.558	0.816			1.9	165	23
28/01/24 15:00	0.583	1.184	1.767	0.848			2.4	169	18
28/01/24 15:05	0.613	1.305	1.918	0.866			1.9	169	28
28/01/24 15:10	0.497	1.304	1.801	0.911			1.5	182	33
28/01/24 15:15	0.480	1.195	1.675	0.862			1.4	173	32
28/01/24 15:20	0.446	1.053	1.499	0.835			1.3	165	34
28/01/24 15:25	0.288	1.071	1.359	0.857			1.8	164	26
28/01/24 15:30	0.310	1.082	1.392	0.814			2.3	160	24
28/01/24 15:35	0.396	1.115	1.511	0.768			2.3	165	24
28/01/24 15:40	0.444	1.075	1.519	0.713			2.4	165	19
28/01/24 15:45	0.402	1.033	1.435	0.701			1.6	165	30
28/01/24 15:50	0.491	1.069	1.560	0.645			2.1	161	21
28/01/24 15:55	0.468	0.966	1.434	0.762			1.4	165	33
28/01/24 16:00	0.248	0.852	1.100	0.782			1.2	165	37
28/01/24 16:05	0.134	0.890	1.024	0.790			1.9	159	25
28/01/24 16:10	0.209	1.032	1.241	0.767			2.1	169	18
28/01/24 16:15	0.241	1.171	1.412	0.798			2.0	176	18
28/01/24 16:20	0.298	1.108	1.406	0.698			2.5	167	17
28/01/24 16:25	0.282	1.076	1.358	0.702			1.9	182	19
28/01/24 16:30	0.286	1.061	1.347	0.690			1.7	187	18
28/01/24 16:35	0.421	1.217	1.638	0.688			2.0	178	18
28/01/24 16:40	0.520	1.161	1.681	0.740			1.9	180	17
28/01/24 16:45	0.481	1.151	1.632	0.767			1.7	183	19
28/01/24 16:50	0.315	1.204	1.520	0.710			2.5	196	11
28/01/24 16:55	0.332	1.213	1.545	0.698			2.5	191	14
28/01/24 17:00	0.433	1.256	1.689	0.788			2.0	185	13
28/01/24 17:05	0.368	1.289	1.657	0.798			2.0	189	13
28/01/24 17:10	0.302	1.231	1.533	0.814			1.8	188	16
28/01/24 17:15	0.211	1.107	1.318	0.765			2.1	183	16
28/01/24 17:20	0.139	0.954	1.093	0.769			2.1	188	15
28/01/24 17:25	0.160	0.917	1.078	0.744			2.2	185	15
28/01/24 17:30	0.234	0.909	1.143	0.714			2.4	189	12
28/01/24 17:35	0.190	0.924	1.114	0.763			2.4	188	14
28/01/24 17:40	0.148	0.847	0.994	0.783			2.4	190	15
28/01/24 17:45	0.113	0.861	0.974	0.849			2.2	189	17
28/01/24 17:50	0.094	0.869	0.963	0.778			2.1	185	16
28/01/24 17:55	0.142	0.859	1.001	0.678			2.2	179	17
28/01/24 18:00	0.269	0.734	1.004	0.625			2.2	171	17
28/01/24 18:05	0.289	0.797	1.086	0.655			1.8	165	25
28/01/24 18:10	0.261	0.880	1.141	0.719			2.5	168	18
28/01/24 18:15	0.166	0.843	1.009	0.766			2.1	182	19
28/01/24 18:20	0.226	0.819	1.045	0.775			2.0	180	18
28/01/24 18:25	0.247	0.779	1.025	0.865			1.9	170	20
28/01/24 18:30	0.135	0.739	0.874	0.985			2.1	175	21
28/01/24 18:35	0.104	0.689	0.793	0.890			1.8	175	20
28/01/24 18:40	0.026	0.777	0.804	0.815			1.9	169	23
28/01/24 18:45	0.056	0.989	1.045	0.786			1.4	168	27
28/01/24 18:50	0.013	1.102	1.115	0.759			1.5	170	24
28/01/24 18:55	0.088	1.160	1.248	0.740			1.5	174	23
28/01/24 19:00	0.048	1.222	1.270	0.761			1.5	174	22
28/01/24 19:05	0.030	1.257	1.286	0.804			1.2	171	35
28/01/24 19:10	0.020	1.225	1.244	0.816			0.9	180	45
28/01/24 19:15	-0.001	1.332	1.331	0.829			1.5	167	33
28/01/24 19:20	-0.020	1.084	1.064	0.892			1.3	176	25
28/01/24 19:25	-0.066	0.841	0.775	0.897			1.1	168	32
28/01/24 19:30	0.014	0.750	0.764	0.888			1.4	180	22
28/01/24 19:35	0.014	0.799	0.814	0.880			2.0	181	17
28/01/24 19:40	-0.045	0.991	0.947	0.875			1.8	178	22
28/01/24 19:45	0.035	1.255	1.290	0.896			1.8	163	25
28/01/24 19:50	0.198	1.365	1.563	0.883			1.7	168	23
28/01/24 19:55	0.228	1.500	1.727	0.876			2.1	179	17
28/01/24 20:00	0.187	1.603	1.790	0.894			2.3	185	15
28/01/24 20:05	0.135	2.164	2.299	0.884			1.9	184	17
28/01/24 20:10	0.102	2.266	2.368	0.844			1.6	184	18
28/01/24 20:15	0.110	2.215	2.325	0.818			2.1	188	13
28/01/24 20:20	0.171	2.224	2.395	0.930			2.5	192	10
28/01/24 20:25	0.209	2.315	2.524	0.958			2.4	192	11
28/01/24 20:30	0.188	2.586	2.774	0.996			2.3	189	12
28/01/24 20:35	0.212	2.685	2.897	0.921			2.2	192	12
28/01/24 20:40	0.080	2.796	2.875	0.899			2.2	192	13
28/01/24 20:45	0.050	2.732	2.782	0.855			2.1	184	10
28/01/24 20:50	0.093	2.580	2.673	0.869			2.4	186	12
28/01/24 20:55	0.045	2.394	2.439	0.881			1.8	184	13
28/01/24 21:00	0.055	2.291	2.345	0.888			1.6	182	13
28/01/24 21:05	0.044	2.390	2.433	0.908			1.5	179	17
28/01/24 21:10	0.058	2.793	2.852	0.943			1.5	186	15
28/01/24 21:15	0.171	3.467	3.638	0.935			2.2	190	10
28/01/24 21:20	0.240	3.661	3.901	0.952			2.6	194	08
28/01/24 21:25	0.324	3.744	4.068	0.951			2.0	189	10
28/01/24 21:30	0.240	3.804	4.044	0.949			2.3	187	10
28/01/24 21:35	0.099	3.832	3.931	0.897			2.3	190	10
28/01/24 21:40	0.180	4.101	4.281	0.799			2.3	185	14
28/01/24 21:45	0.155	4.538	4.693	0.879			2.3	190	13
28/01/24 21:50	0.197	4.840	5.037	0.919			2.0	183	17
28/01/24 21:55	0.259	4.913	5.172	0.902			1.9	187	16
28/01/24 22:00	0.205	4.806	5.011	0.779			2.3	188	09
28/01/24 22:05	0.105	4.504	4.609	0.757			1.6	185	14
28/01/24 22:10	0.110	4.355	4.465	0.828			1.5	180	15
28/01/24 22:15	0.091	4.446	4.537	0.829			1.1	164	31
28/01/24 22:20	0.044	4.596	4.641	0.832			1.1	169	31
28/01/24 22:25	0.103	4.816	4.919	0.837			1.0	164	33
28/01/24 22:30	0.079	5.144	5.223	0.862			1.0	165	31
28/01/24 22:35	0.096	5.315	5.410	0.881			1.1	170	33
28/01/24 22:40	0.028	5.423	5.451	0.818			1.1	161	22
28/01/24 22:45	0.058	5.547	5.604	0.852			1.9	146	15
28/01/24 22:50	0.291	5.761	6.051	0.807			1.1	158	26
28/01/24 22:55	0.225	6.080	6.305	0.811			2.0	138	13
28/01/24 23:00	0.138	6.481	6.618	0.843			1.2	124	22
28/01/24 23:05	0.113	6.812	6.925	0.823			1.1	121	22
28/01/24 23:10	-0.016	7.031	7.015	0.855			1.1	125	24
28/01/24 23:15	-0.116	6.889	6.773	0.872			1.6	131	17
28/01/24 23:20	-0.075	6.659	6.585	0.935			1.1	124	24

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
28/01/24 23:25	0.003	6.502	6.505	0.859			1.5	112	11
28/01/24 23:30	0.018	6.381	6.399	0.851			1.1	112	18
28/01/24 23:35	0.114	6.238	6.352	0.859			1.5	112	13
28/01/24 23:40	0.169	5.988	6.158	0.846			1.9	107	08
28/01/24 23:45	0.138	5.934	6.073	0.793			1.8	105	07
28/01/24 23:50	0.137	6.197	6.334				1.9	105	05
28/01/24 23:55	0.128	6.798	6.926				1.9	105	05
29/01/24 00:00	0.201	7.599	7.800				2.1	99	05
29/01/24 00:05	0.170	8.294	8.464				1.9	96	05
29/01/24 00:10	0.201	8.783	8.984				2.2	97	05
29/01/24 00:15	0.255	8.952	9.206				2.5	95	03
29/01/24 00:20	0.217	9.075	9.292				1.6	68	17
29/01/24 00:25	0.409	9.439	9.848				1.3	57	11
29/01/24 00:30	6.948	12.585	19.533				0.8	50	12
29/01/24 00:35	14.236	15.284	29.520				0.4	358	46
29/01/24 00:40	18.913	13.284	32.196				0.4	346	45
29/01/24 00:45	25.042	11.633	36.675				1.2	324	20
29/01/24 00:50	24.264	12.272	36.535				1.1	319	23
29/01/24 00:55	17.269	14.074	31.343				2.3	305	09
29/01/24 01:00	6.750	12.229	18.979				2.5	307	11
29/01/24 01:05							2.4	306	10
29/01/24 01:10							2.3	305	12
29/01/24 01:15							2.2	301	15
29/01/24 01:20							1.9	290	16
29/01/24 01:25							2.3	315	11
29/01/24 01:30							2.3	312	13
29/01/24 01:35							2.0	302	15
29/01/24 01:40							2.3	288	14
29/01/24 01:45							2.2	293	13
29/01/24 01:50							2.0	302	13
29/01/24 01:55							1.9	295	11
29/01/24 02:00							1.6	286	13
29/01/24 02:05	5.489	10.944	16.433	-0.039			2.3	290	12
29/01/24 02:10	5.364	10.548	15.913	-0.026			2.9	295	08
29/01/24 02:15	4.882	10.501	15.382	0.085			1.8	312	14
29/01/24 02:20	4.547	10.514	15.061	0.186			1.9	311	10
29/01/24 02:25	4.437	10.516	14.953	0.191			1.8	310	12
29/01/24 02:30	5.118	10.581	15.700	0.226			1.8	307	13
29/01/24 02:35	6.065	10.654	16.720	0.235			1.6	312	12
29/01/24 02:40	5.900	10.809	16.710	0.196			1.9	308	09
29/01/24 02:45	5.047	10.970	16.017	0.142			1.9	300	12
29/01/24 02:50	4.074	11.067	15.141	0.170			1.8	294	11
29/01/24 02:55	3.076	11.451	14.527	0.060			1.7	287	12
29/01/24 03:00	2.763	11.403	14.166	0.093			1.5	296	12
29/01/24 03:05	2.352	11.306	13.658	0.085			1.2	304	15
29/01/24 03:10	2.109	11.237	13.346	0.089			1.4	308	11
29/01/24 03:15	2.026	11.074	13.100	0.141			1.0	305	15
29/01/24 03:20	1.976	11.023	12.999	0.210			1.2	300	16
29/01/24 03:25	1.958	11.041	13.000	0.302			1.0	292	16
29/01/24 03:30	2.371	11.107	13.479	0.239			1.6	292	11
29/01/24 03:35	2.965	11.410	14.374	0.164			1.4	287	17
29/01/24 03:40	3.572	11.481	15.053	0.132			1.5	290	15
29/01/24 03:45	3.914	11.498	15.412	0.136			1.4	284	12
29/01/24 03:50	4.079	11.535	15.614	0.132			1.3	287	17
29/01/24 03:55	4.370	11.548	15.918	0.244			1.4	287	16
29/01/24 04:00	4.529	11.616	16.145	0.268			1.4	286	16
29/01/24 04:05	4.563	11.594	16.157	0.263			1.4	292	13
29/01/24 04:10	4.561	11.642	16.203	0.341			1.6	294	09
29/01/24 04:15	5.428	11.596	17.024	0.397			1.4	288	14
29/01/24 04:20	5.983	11.596	17.579	0.390			1.4	295	13
29/01/24 04:25	5.740	11.642	17.381	0.416			1.1	296	19
29/01/24 04:30	6.736	11.594	18.329	0.466			1.1	293	15
29/01/24 04:35	8.840	11.300	20.140	0.503			1.5	288	15
29/01/24 04:40	15.606	11.365	26.972	0.576			1.5	288	13
29/01/24 04:45	18.639	11.956	30.595	0.623			1.8	292	14
29/01/24 04:50	19.995	11.955	31.950	0.700			1.3	308	16
29/01/24 04:55	19.614	12.966	32.580	0.774			1.3	298	15
29/01/24 05:00	20.410	13.378	33.788	0.744			1.5	312	13
29/01/24 05:05	20.775	13.142	33.917	0.693			1.8	312	10
29/01/24 05:10	21.098	13.045	34.144	0.760			1.0	338	26
29/01/24 05:15	21.238	12.704	33.942	0.774			1.2	327	18
29/01/24 05:20	21.399	12.592	33.992	0.680			1.7	306	14
29/01/24 05:25	21.998	12.558	34.556	0.691			1.9	314	12
29/01/24 05:30	22.342	12.479	34.821	0.812			1.7	313	11
29/01/24 05:35	22.652	12.461	35.114	0.791			1.3	325	20
29/01/24 05:40	23.226	12.348	35.574	0.657			1.4	332	17
29/01/24 05:45	23.891	12.267	36.158	0.595			1.7	314	17
29/01/24 05:50	24.649	12.389	37.038	0.609			1.8	317	12
29/01/24 05:55	25.516	12.436	37.952	0.629			1.1	324	14
29/01/24 06:00	26.120	12.517	38.637	0.639			1.6	354	25
29/01/24 06:05	26.139	12.587	38.727	0.520			1.8	307	17
29/01/24 06:10	26.254	12.248	38.502	0.531			2.0	306	14
29/01/24 06:15	26.682	12.044	38.726	0.488			1.6	286	14
29/01/24 06:20	27.406	12.016	39.422	0.513			2.3	287	13
29/01/24 06:25	30.110	12.169	42.279	0.602			1.9	294	12
29/01/24 06:30	39.924	12.437	52.361	0.677			1.9	291	10
29/01/24 06:35	43.007	12.775	55.782	0.756			2.0	293	11
29/01/24 06:40	44.275	12.838	57.113	0.723			1.9	292	09
29/01/24 06:45	45.361	12.741	58.102	0.751			1.9	298	07
29/01/24 06:50	45.330	12.908	58.238	0.769			1.1	288	15
29/01/24 06:55	43.313	13.095	56.409	0.755			0.9	325	22
29/01/24 07:00	46.629	14.886	61.515	0.700			1.0	7	19
29/01/24 07:05	51.303	12.786	64.089	0.589			1.4	23	13
29/01/24 07:10	27.423	12.321	39.744	0.476			1.4	29	20
29/01/24 07:15	35.355	14.276	49.632	0.483			1.6	24	20
29/01/24 07:20	40.796	13.105	53.901	0.559			1.6	15	25
29/01/24 07:25	56.850	3.739	60.589	0.670			1.2	16	33
29/01/24 07:30	35.295	12.957	48.252	0.728			2.0	3	22
29/01/24 07:35	23.161	9.904	33.065	0.708			1.8	0	26
29/01/24 07:40	20.839	10.543	31.382	0.644			1.3	350	33
29/01/24 07:45	19.863	8.460	28.324	0.600			1.9	357	29
29/01/24 07:50	14.495	6.557	21.052	0.600			1.0	300	25
29/01/24 07:55	13.034	8.136	21.169	0.574			0.9	268	19
29/01/24 08:00	13.578	8.538	22.116	0.652			2.6	267	09
29/01/24 08:05	14.196	8.743	22.940	0.581			1.9	271	19
29/01/24 08:10	14.749	8.874	23.623	0.608			1.6	267	17

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/01/24 08:15	15.543	9.428	24.971	0.648			2.0	264	08
29/01/24 08:20	15.804	9.677	25.481	0.623			1.6	268	16
29/01/24 08:25	16.805	9.802	26.607	0.600			1.3	271	22
29/01/24 08:30	17.407	10.106	27.513	0.630			1.4	333	17
29/01/24 08:35	17.554	10.473	28.027	0.654			1.2	260	40
29/01/24 08:40	37.982	8.495	46.478	0.693			2.2	214	08
29/01/24 08:45	54.341	18.573	72.914	0.926			1.3	225	13
29/01/24 08:50	22.421	12.743	35.163	1.017			1.6	228	08
29/01/24 08:55	31.218	8.365	39.583	1.113			2.0	224	10
29/01/24 09:00	47.035	10.587	57.622	1.204			2.1	223	13
29/01/24 09:05	71.134	14.230	85.364	1.228			1.6	220	19
29/01/24 09:10	41.648	16.644	58.292	1.324			1.9	235	12
29/01/24 09:15	62.686	27.240	89.926	1.424			0.9	116	38
29/01/24 09:20	45.974	16.605	62.580	1.635			1.4	138	18
29/01/24 09:25	29.422	15.878	45.300	1.665			1.1	164	26
29/01/24 09:30	75.275	19.824	95.099	1.681			1.1	180	19
29/01/24 09:35	98.613	26.182	124.794	1.663			1.3	183	21
29/01/24 09:40	113.564	30.542	144.105	1.816			1.5	192	15
29/01/24 09:45	135.566	15.878	151.444	1.977			2.1	192	12
29/01/24 09:50	115.120	30.359	145.479	1.972			2.1	189	11
29/01/24 09:55	84.670	22.594	107.264	1.968			2.4	192	10
29/01/24 10:00	59.999	18.801	78.800	1.968			2.3	192	10
29/01/24 10:05	131.972	17.558	149.530	2.001			2.1	206	11
29/01/24 10:10	84.926	23.297	108.223	1.997			2.5	192	11
29/01/24 10:15	72.011	24.595	96.606	1.873			2.5	191	12
29/01/24 10:20	58.252	20.785	79.037	1.780			2.4	192	11
29/01/24 10:25	84.972	26.856	111.828	1.752			2.8	192	10
29/01/24 10:30	50.515	19.631	70.145	1.691			2.7	192	15
29/01/24 10:35	99.986	16.662	116.648	1.653			2.3	200	17
29/01/24 10:40	58.539	22.079	80.618	1.576			2.0	194	18
29/01/24 10:45	29.290	13.412	42.703	1.336			1.4	149	26
29/01/24 10:50	8.615	10.703	19.318	1.159			1.6	160	21
29/01/24 10:55	8.392	8.718	17.110	1.099			1.9	155	23
29/01/24 11:00	6.971	9.066	16.036	1.048			1.7	161	25
29/01/24 11:05	18.647	2.834	21.481	0.989			1.5	157	27
29/01/24 11:10	15.921	11.051	26.973	0.947			2.2	159	25
29/01/24 11:15	26.728	15.525	42.253	0.887			3.1	187	14
29/01/24 11:20	34.548	20.012	54.559	0.846			4.9	189	08
29/01/24 11:25	23.872	14.249	38.120	0.734			4.9	189	09
29/01/24 11:30	77.241	6.289	83.529	0.776			5.1	190	06
29/01/24 11:35				1.124			4.7	194	06
29/01/24 11:40	162.638	21.563	184.202	1.337			3.3	190	13
29/01/24 11:45	96.090	33.600	129.691	1.542			1.8	170	25
29/01/24 11:50	3.221	5.122	8.343	1.502			1.7	160	24
29/01/24 11:55	3.493	6.179	9.672	1.321			1.8	162	20
29/01/24 12:00	3.182	5.668	8.850	1.231			1.6	167	22
29/01/24 12:05	3.715	5.613	9.328	1.281			1.6	150	23
29/01/24 12:10	3.259	4.961	8.220	1.108			2.3	137	17
29/01/24 12:15	2.463	3.466	5.929	0.964			1.4	154	26
29/01/24 12:20	29.517	25.160	54.677	0.976			1.8	185	19
29/01/24 12:25	16.448	17.099	33.547	1.085			1.9	196	20
29/01/24 12:30	75.149	38.302	113.450	1.354			2.1	200	13
29/01/24 12:35	48.643	33.565	82.207	1.467			3.0	195	11
29/01/24 12:40	196.394	25.977	222.371	1.681			3.7	192	11
29/01/24 12:45	152.945	37.298	190.243	2.177			3.1	177	16
29/01/24 12:50	74.739	30.757	105.496	2.226			3.2	175	16
29/01/24 12:55	56.585	25.598	82.182	2.189			3.1	174	18
29/01/24 13:00	156.401	29.385	185.786	2.458			3.1	185	14
29/01/24 13:05	107.355	32.241	139.596	2.887			3.2	181	19
29/01/24 13:10	127.507	40.285	167.792	2.903			3.2	180	17
29/01/24 13:15	108.009	25.967	133.976	3.226			3.2	182	15
29/01/24 13:20	159.102	26.945	186.047	3.594			4.0	189	11
29/01/24 13:25	72.187	21.010	93.197	3.498			3.8	175	14
29/01/24 13:30	34.205	21.756	55.960	3.086			3.6	171	18
29/01/24 13:35	20.232	12.542	32.774	2.739			3.3	171	19
29/01/24 13:40	45.417	15.691	61.108	2.212			3.5	179	16
29/01/24 13:45	116.940	38.483	155.423	2.342			3.4	186	14
29/01/24 13:50	152.921	13.795	166.716	2.498			3.6	185	16
29/01/24 13:55	100.767	24.431	125.198	2.558			3.3	178	17
29/01/24 14:00	149.445	25.777	175.222	2.725			3.2	188	15
29/01/24 14:05	266.475	43.009	309.484	3.341			4.2	194	08
29/01/24 14:10	264.470	31.869	296.339	4.234			6.2	194	06
29/01/24 14:15	153.202	34.598	187.800	4.134			5.3	190	07
29/01/24 14:20	80.113	37.472	117.585	3.909			5.5	191	07
29/01/24 14:25	64.252	22.211	86.463	3.436			5.9	193	08
29/01/24 14:30	74.768	22.520	97.288	3.103			5.3	192	07
29/01/24 14:35	136.569	10.972	147.541	3.102			4.7	194	10
29/01/24 14:40	161.451	23.774	185.225	3.008			4.3	192	08
29/01/24 14:45	148.708	14.173	162.881	3.622			4.8	193	09
29/01/24 14:50	116.335	6.791	123.127	3.490			5.7	192	07
29/01/24 14:55	257.562	30.568	288.130	3.633			5.9	193	06
29/01/24 15:00	84.020	28.620	112.640	3.724			5.6	193	08
29/01/24 15:05	185.543	57.703	243.246	3.918			5.1	191	07
29/01/24 15:10	107.231	10.038	117.269	4.188			5.4	193	09
29/01/24 15:15				3.405			5.8	194	09
29/01/24 15:20	91.670	21.609	113.279	3.276			6.0	195	07
29/01/24 15:25	28.245	12.590	40.835	2.968			5.5	193	10
29/01/24 15:30	140.171	42.524	182.695	3.470			4.5	194	11
29/01/24 15:35	152.878	20.484	173.363	5.178			5.0	193	10
29/01/24 15:40	231.422	23.687	255.109	6.593			5.4	192	08
29/01/24 15:45	198.305	34.859	233.163	8.358			5.7	193	09
29/01/24 15:50	128.471	16.545	145.016	8.339			5.5	193	11
29/01/24 15:55	261.037	31.327	292.364	8.936			5.8	194	10
29/01/24 16:00	269.762	33.561	303.323	10.289			5.1	193	12
29/01/24 16:05	77.801	33.730	111.531	8.762			5.7	196	11
29/01/24 16:10	282.583	24.151	306.734	8.165			6.9	194	08
29/01/24 16:15	42.068	13.494	55.562	9.178			7.0	196	07
29/01/24 16:20	11.370	2.696	14.066	5.920			7.3	195	06
29/01/24 16:25	7.623	5.429	13.052	4.176			7.6	197	06
29/01/24 16:30	4.784	2.193	6.977	3.227			7.6	196	07
29/01/24 16:35	1.567	1.855	3.422	2.918			8.3	197	07
29/01/24 16:40	0.982	1.853	2.835	2.564			8.2	197	08
29/01/24 16:45	1.166	2.039	3.205	2.226			7.9	196	07
29/01/24 16:50	1.370	1.977	3.347	1.939			8.8	195	06
29/01/24 16:55	2.088	2.692	4.780	1.787			7.5	196	06
29/01/24 17:00	1.010	1.844	2.854	1.592			8.8	197	05

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/01/24 17:05	2.004	2.761	4.765	1.609			8.0	193	07
29/01/24 17:10	3.955	2.504	6.459	1.569			7.6	195	09
29/01/24 17:15	64.602	17.263	81.865	1.691			6.4	188	10
29/01/24 17:20	17.579	5.849	23.429	1.689			8.2	194	08
29/01/24 17:25	0.497	2.007	2.504	1.571			7.5	195	08
29/01/24 17:30	2.255	1.828	4.082	1.568			7.4	194	09
29/01/24 17:35	0.684	1.108	1.792	1.372			8.2	197	06
29/01/24 17:40	0.411	0.730	1.141	1.136			7.3	196	08
29/01/24 17:45	0.408	0.699	1.106	1.016			8.3	198	05
29/01/24 17:50	0.176	0.587	0.763	0.963			6.6	194	09
29/01/24 17:55	0.256	0.517	0.773	0.839			7.7	198	07
29/01/24 18:00	0.377	0.504	0.881	0.676			6.5	195	08
29/01/24 18:05	0.501	0.620	1.122	0.621			7.8	198	06
29/01/24 18:10	0.753	0.822	1.575	0.674			6.6	195	07
29/01/24 18:15	0.817	0.958	1.775	0.663			5.7	190	09
29/01/24 18:20	0.771	0.918	1.689	0.572			6.0	194	07
29/01/24 18:25	0.700	0.896	1.596	0.495			6.5	195	08
29/01/24 18:30	0.514	0.810	1.325	0.496			6.3	193	08
29/01/24 18:35	0.421	0.749	1.169	0.399			5.9	196	09
29/01/24 18:40	0.333	0.639	0.972	0.563			6.7	195	08
29/01/24 18:45	0.202	0.583	0.786	0.398			6.5	195	08
29/01/24 18:50	0.192	0.533	0.725	0.228			6.3	195	07
29/01/24 18:55	0.199	0.514	0.713	0.096			5.7	192	08
29/01/24 19:00	0.228	0.423	0.651	0.145			5.8	195	09
29/01/24 19:05	0.247	0.413	0.660	0.307			5.0	191	10
29/01/24 19:10	0.238	0.437	0.676	0.264			5.4	193	09
29/01/24 19:15	0.262	0.510	0.772	0.194			5.1	191	11
29/01/24 19:20	0.212	0.650	0.863	0.352			5.2	194	09
29/01/24 19:25	0.158	0.902	1.060	0.365			5.0	193	07
29/01/24 19:30	0.051	1.165	1.216	0.255			4.9	192	11
29/01/24 19:35	0.018	1.208	1.226	0.248			4.8	189	10
29/01/24 19:40	0.013	1.441	1.454	0.040			4.8	191	10
29/01/24 19:45	0.065	1.996	2.061	0.035			4.6	189	10
29/01/24 19:50	0.146	2.234	2.381	0.034			4.6	193	10
29/01/24 19:55	0.135	2.219	2.354	0.067			4.6	191	10
29/01/24 20:00	0.078	2.264	2.342	0.031			4.9	191	09
29/01/24 20:05	0.126	2.092	2.218	-0.043			4.9	193	11
29/01/24 20:10	0.071	1.983	2.054	-0.054			4.9	191	10
29/01/24 20:15	-0.039	1.921	1.882	-0.067			4.9	190	10
29/01/24 20:20	-0.087	1.789	1.703	-0.100			5.4	194	08
29/01/24 20:25	0.245	3.733	3.978	-0.070			4.8	191	10
29/01/24 20:30	1.726	11.545	13.271	-0.118			4.8	190	11
29/01/24 20:35	0.923	3.938	4.861	-0.018			4.9	191	10
29/01/24 20:40	0.656	4.627	5.284	-0.037			4.7	188	11
29/01/24 20:45	0.832	6.584	7.416	-0.008			4.2	190	13
29/01/24 20:50	0.999	7.187	8.186	-0.004			4.9	190	09
29/01/24 20:55	1.380	6.935	8.315	0.048			4.5	191	11
29/01/24 21:00	2.427	9.398	11.825	0.051			4.6	188	12
29/01/24 21:05	1.688	4.454	6.142	-0.078			4.4	189	09
29/01/24 21:10	0.992	3.552	4.545	-0.171			4.5	189	13
29/01/24 21:15	0.677	2.387	3.064	-0.212			3.4	182	14
29/01/24 21:20	0.448	1.095	1.543	-0.154			4.4	185	12
29/01/24 21:25	0.344	0.876	1.219	-0.073			3.9	191	10
29/01/24 21:30	0.335	0.739	1.074	-0.026			2.9	187	15
29/01/24 21:35	0.233	0.703	0.936	-0.095			2.5	159	28
29/01/24 21:40	0.184	0.579	0.763	-0.179			2.9	152	22
29/01/24 21:45	0.152	0.532	0.683	-0.193			2.6	167	23
29/01/24 21:50	0.199	0.492	0.691	-0.087			2.0	169	28
29/01/24 21:55	0.095	0.514	0.610	-0.058			2.6	156	26
29/01/24 22:00	0.002	0.518	0.520	-0.234			2.5	161	26
29/01/24 22:05	-0.027	0.527	0.500	-0.224			3.3	149	22
29/01/24 22:10	-0.010	0.457	0.446	-0.166			2.7	153	23
29/01/24 22:15	-0.109	0.496	0.387	-0.129			3.7	148	17
29/01/24 22:20	-0.165	0.405	0.240	-0.061			4.2	142	12
29/01/24 22:25	-0.131	0.332	0.201	-0.132			3.0	130	18
29/01/24 22:30	-0.081	0.360	0.279	0.106			3.0	142	19
29/01/24 22:35	-0.028	0.380	0.351	-0.047			3.0	133	15
29/01/24 22:40	0.068	0.430	0.498	-0.081			2.1	128	24
29/01/24 22:45	0.128	0.477	0.605	-0.042			2.0	116	16
29/01/24 22:50	0.051	0.501	0.552	-0.126			2.0	122	18
29/01/24 22:55	0.044	0.518	0.563	-0.155			1.6	124	26
29/01/24 23:00	0.070	0.455	0.525	-0.153			3.1	139	16
29/01/24 23:05	0.054	0.448	0.502	-0.253			2.3	137	20
29/01/24 23:10	0.049	0.461	0.511	-0.330			2.3	122	22
29/01/24 23:15	0.061	0.520	0.581	-0.303			2.8	129	17
29/01/24 23:20	-0.091	0.517	0.426	-0.229			2.4	130	18
29/01/24 23:25	-0.077	0.528	0.451	-0.159			2.6	143	22
29/01/24 23:30	0.003	0.522	0.525	-0.214			2.7	130	17
29/01/24 23:35	0.205	0.594	0.800	-0.223			2.1	122	22
29/01/24 23:40	0.112	0.615	0.727	-0.214			3.7	134	10
29/01/24 23:45	0.062	0.576	0.637	-0.154			3.8	137	10
29/01/24 23:50	0.133	0.543	0.677				2.8	133	16
29/01/24 23:55	0.052	0.517	0.569				2.8	133	15
30/01/24 00:00	-0.048	0.530	0.482				2.5	128	20
30/01/24 00:05	-0.059	0.515	0.455				2.5	118	14
30/01/24 00:10	-0.027	0.503	0.475				2.5	128	20
30/01/24 00:15	-0.048	0.554	0.506				2.2	118	17
30/01/24 00:20	0.034	0.547	0.582				2.3	111	11
30/01/24 00:25	0.140	0.455	0.596				2.0	114	17
30/01/24 00:30	0.160	0.414	0.574				1.8	125	23
30/01/24 00:35	0.187	0.400	0.588				2.7	124	15
30/01/24 00:40	0.138	0.380	0.517				3.0	128	17
30/01/24 00:45	0.147	0.354	0.501				2.4	129	17
30/01/24 00:50	0.192	0.347	0.540				1.9	115	23
30/01/24 00:55	0.186	0.374	0.560				2.6	129	17
30/01/24 01:00	0.087	0.386	0.474				2.8	140	13
30/01/24 01:05							3.4	138	10
30/01/24 01:10							2.2	123	16
30/01/24 01:15							2.7	114	10
30/01/24 01:20							3.0	112	09
30/01/24 01:25							3.3	111	08
30/01/24 01:30							2.9	112	07
30/01/24 01:35							3.3	109	08
30/01/24 01:40							3.6	110	05
30/01/24 01:45							3.0	110	06
30/01/24 01:50							2.7	115	10

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/01/24 01:55							2.9	109	09
30/01/24 02:00							3.2	111	08
30/01/24 02:05	0.001	0.590	0.591				3.1	113	09
30/01/24 02:10	0.102	0.575	0.678				2.4	116	17
30/01/24 02:15	0.017	0.591	0.608				2.4	116	16
30/01/24 02:20	-0.030	0.618	0.589				1.8	118	16
30/01/24 02:25	0.007	0.514	0.522				2.1	115	15
30/01/24 02:30	0.072	0.462	0.534				1.9	120	20
30/01/24 02:35	0.141	0.459	0.600				1.8	116	22
30/01/24 02:40	0.009	0.469	0.479				3.0	112	09
30/01/24 02:45	-0.083	0.488	0.405				2.5	116	17
30/01/24 02:50	-0.096	0.535	0.440				2.5	119	15
30/01/24 02:55	-0.002	0.518	0.517	0.065			2.4	115	19
30/01/24 03:00	0.026	0.519	0.545	0.181			2.9	134	22
30/01/24 03:05	-0.024	0.503	0.479	0.249			1.8	162	25
30/01/24 03:10	-0.037	0.591	0.554	0.267			2.5	150	26
30/01/24 03:15	-0.120	0.593	0.473	0.361			3.0	129	19
30/01/24 03:20	-0.078	0.622	0.544	0.377			3.0	112	13
30/01/24 03:25	-0.079	0.588	0.509	0.453			2.1	123	17
30/01/24 03:30	-0.067	0.587	0.520	0.439			2.9	110	13
30/01/24 03:35	-0.004	0.699	0.695	0.452			3.0	102	08
30/01/24 03:40	0.065	0.808	0.873	0.543			3.2	106	06
30/01/24 03:45	0.034	1.005	1.039	0.454			2.3	114	17
30/01/24 03:50	0.058	1.253	1.311	0.389			2.4	129	19
30/01/24 03:55	0.004	1.573	1.577	0.334			2.2	126	21
30/01/24 04:00	-0.037	1.892	1.856	0.215			1.8	110	17
30/01/24 04:05	-0.048	2.262	2.214	0.111			1.6	118	22
30/01/24 04:10	0.072	2.691	2.763	0.240			2.8	115	11
30/01/24 04:15	0.020	3.267	3.287	0.232			2.5	116	14
30/01/24 04:20	0.021	3.442	3.463	0.209			3.4	110	08
30/01/24 04:25	0.195	3.991	4.186	0.291			3.0	106	13
30/01/24 04:30	1.531	4.053	5.585	0.211			2.4	114	13
30/01/24 04:35	0.724	2.998	3.723	0.137			3.5	109	09
30/01/24 04:40	0.575	2.589	3.164	0.113			2.3	121	16
30/01/24 04:45	0.344	2.123	2.467	0.150			2.3	115	17
30/01/24 04:50	0.247	1.875	2.123	0.187			2.2	110	11
30/01/24 04:55	0.262	1.894	2.156	0.045			1.7	123	20
30/01/24 05:00	0.203	1.875	2.078	0.100			1.7	114	18
30/01/24 05:05	0.132	1.888	2.020	0.157			2.1	114	17
30/01/24 05:10	0.154	1.913	2.067	0.153			2.4	105	10
30/01/24 05:15	0.221	1.999	2.220	0.152			2.3	126	14
30/01/24 05:20	0.319	2.105	2.424	0.111			1.9	114	14
30/01/24 05:25	0.391	2.452	2.842	0.031			2.7	116	14
30/01/24 05:30	0.185	2.595	2.780	0.060			3.4	113	08
30/01/24 05:35	0.214	2.830	3.044	0.111			3.1	110	07
30/01/24 05:40	6.090	5.584	11.673	0.087			2.2	126	16
30/01/24 05:45	2.502	4.386	6.888	0.250			2.6	129	17
30/01/24 05:50	10.360	3.041	13.401	0.286			2.5	124	16
30/01/24 05:55	9.199	4.212	13.411	0.395			2.2	123	19
30/01/24 06:00	4.102	7.159	11.261	0.442			2.3	115	18
30/01/24 06:05	0.660	6.592	7.252	0.413			2.7	117	14
30/01/24 06:10	0.710	4.763	5.474	0.309			2.7	118	16
30/01/24 06:15	0.698	4.595	5.293	0.346			2.7	130	16
30/01/24 06:20	0.386	4.503	4.890	0.327			2.8	127	17
30/01/24 06:25	0.306	4.183	4.489	0.429			3.1	132	15
30/01/24 06:30	0.547	3.553	4.100	0.522			2.8	119	20
30/01/24 06:35	0.483	1.667	2.150	0.479			3.3	121	21
30/01/24 06:40	0.430	1.600	2.030	0.451			3.0	137	14
30/01/24 06:45	0.498	3.327	3.825	0.383			2.3	120	15
30/01/24 06:50	2.575	4.117	6.692	0.328			2.6	115	12
30/01/24 06:55	1.754	3.771	5.525	0.231			2.4	117	13
30/01/24 07:00	2.599	4.445	7.044	0.136			2.5	138	18
30/01/24 07:05	3.041	4.403	7.445	0.085			2.9	142	17
30/01/24 07:10	2.654	3.832	6.486	0.196			2.0	129	21
30/01/24 07:15	1.942	3.451	5.393	0.193			2.9	130	13
30/01/24 07:20	2.992	3.603	6.595	0.160			2.7	131	17
30/01/24 07:25	2.051	3.059	5.109	0.115			3.2	133	13
30/01/24 07:30	1.914	3.343	5.257	-0.047			3.2	134	10
30/01/24 07:35	1.862	3.558	5.420	0.206			2.7	132	17
30/01/24 07:40	1.888	3.604	5.491	0.178			2.9	136	15
30/01/24 07:45	1.661	3.285	4.946	0.212			3.3	135	13
30/01/24 07:50	1.637	2.864	4.501	0.122			2.1	140	22
30/01/24 07:55	1.769	2.828	4.596	0.104			3.0	149	20
30/01/24 08:00	1.702	2.265	3.968	0.148			2.3	158	22
30/01/24 08:05	1.969	2.894	4.863	0.159			2.8	146	21
30/01/24 08:10	1.818	2.912	4.730	0.112			2.1	151	24
30/01/24 08:15	1.649	2.473	4.123	0.172			2.6	139	19
30/01/24 08:20	1.729	2.414	4.143	0.240			2.0	164	23
30/01/24 08:25	1.574	1.570	3.143	0.274			1.6	151	23
30/01/24 08:30	1.401	1.470	2.871	0.302			2.3	149	20
30/01/24 08:35	1.285	1.531	2.816	0.248			1.6	157	23
30/01/24 08:40	1.575	1.680	3.255	0.151			2.1	135	21
30/01/24 08:45	2.391	2.200	4.591	0.148			2.5	137	18
30/01/24 08:50	2.494	2.483	4.977	0.176			2.6	141	16
30/01/24 08:55	2.836	2.391	5.227	0.102			2.5	139	16
30/01/24 09:00	3.001	2.462	5.463	0.078			3.0	136	15
30/01/24 09:05	3.545	2.881	6.426	0.198			2.4	126	17
30/01/24 09:10	3.414	3.512	6.926	0.358			2.3	129	21
30/01/24 09:15	3.476	3.532	7.008	0.598			1.8	151	29
30/01/24 09:20	14.156	6.260	20.416	0.710			2.5	190	12
30/01/24 09:25	6.102	5.420	11.522	0.757			2.9	190	12
30/01/24 09:30	9.087	7.544	16.632	0.718			2.5	188	14
30/01/24 09:35	12.567	8.218	20.785	0.734			2.5	194	12
30/01/24 09:40	17.671	9.333	27.004	0.642			2.6	193	11
30/01/24 09:45	21.126	12.756	33.882	0.596			3.2	197	07
30/01/24 09:50	23.840	9.860	33.700	0.617			3.3	191	12
30/01/24 09:55	5.992	5.295	11.288	0.398			2.8	188	11
30/01/24 10:00	6.002	5.351	11.353	0.487			3.0	193	13
30/01/24 10:05	5.876	5.964	11.840	0.456			3.1	193	10
30/01/24 10:10	22.521	11.995	34.516	0.378			3.5	193	10
30/01/24 10:15	9.998	6.367	16.365	0.468			3.2	193	12
30/01/24 10:20	6.606	6.650	13.256	0.551			3.4	196	10
30/01/24 10:25	11.752	11.174	22.926	0.620			3.3	191	10
30/01/24 10:30	19.075	13.024	32.099	0.618			3.4	191	13
30/01/24 10:35	72.263	27.878	100.141	0.690			3.5	195	11
30/01/24 10:40	46.781	13.057	59.838	0.812			3.6	196	09

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/01/24 10:45	94.919	24.806	119.725	0.788			4.2	197	08
30/01/24 10:50	95.766	20.320	116.086	1.054			4.1	201	09
30/01/24 10:55	70.298	26.908	97.206	1.315			4.0	200	08
30/01/24 11:00	85.199	19.474	104.673	1.384			4.2	204	08
30/01/24 11:05	87.499	21.209	108.708	1.348			4.4	208	06
30/01/24 11:10	96.458	31.814	128.273	1.368			4.0	204	07
30/01/24 11:15	93.253	18.474	111.727	1.375			4.0	206	08
30/01/24 11:20	63.653	18.385	82.039	1.369			3.8	205	09
30/01/24 11:25	88.647	16.425	105.072	1.222			3.9	208	09
30/01/24 11:30	117.123	30.135	147.259	1.233			4.1	207	08
30/01/24 11:35	73.961	14.681	88.642	1.182			4.2	208	07
30/01/24 11:40	114.236	17.503	131.740	1.311			3.6	211	07
30/01/24 11:45	65.190	20.424	85.614	1.223			3.9	210	07
30/01/24 11:50	76.875	17.003	93.878	1.184			4.0	216	09
30/01/24 11:55	76.231	23.564	99.795	1.264			4.2	212	07
30/01/24 12:00	107.709	35.114	142.823	1.109			4.3	212	08
30/01/24 12:05	79.206	30.805	110.011	1.015			4.3	213	08
30/01/24 12:10	110.217	30.736	140.952	1.077			4.5	210	08
30/01/24 12:15	81.670	17.519	99.188	1.044			4.4	212	08
30/01/24 12:20	31.388	16.322	47.709	1.083			4.4	212	08
30/01/24 12:25	19.442	13.255	32.697	0.867			4.5	209	07
30/01/24 12:30	81.050	18.268	99.319	0.764			4.4	208	08
30/01/24 12:35	50.398	14.537	64.935	0.672			4.9	213	09
30/01/24 12:40	62.828	16.513	79.340	0.636			4.5	212	10
30/01/24 12:45	77.489	13.345	90.834	0.650			4.3	212	09
30/01/24 12:50	67.135	12.061	79.195	0.732			4.9	213	08
30/01/24 12:55	75.171	14.469	89.640	0.860			4.3	212	11
30/01/24 13:00	63.919	19.658	83.577	1.014			4.2	211	08
30/01/24 13:05	62.030	29.716	91.747	1.001			4.2	211	09
30/01/24 13:10	71.488	37.117	108.606	0.948			4.0	210	08
30/01/24 13:15	100.259	9.515	109.775	0.992			4.2	209	08
30/01/24 13:20	94.503	28.565	123.068	0.980			4.1	209	08
30/01/24 13:25	89.881	32.288	122.168	1.174			4.2	210	08
30/01/24 13:30	85.810	26.985	112.794	1.232			4.1	208	08
30/01/24 13:35	56.752	24.315	81.067	1.099			4.7	203	09
30/01/24 13:40	95.645	21.979	117.624	1.014			5.0	205	07
30/01/24 13:45	100.764	32.551	133.315	1.080			5.1	209	07
30/01/24 13:50	130.620	29.095	159.715	1.190			4.9	206	08
30/01/24 13:55	84.227	22.413	106.639	1.264			4.9	204	09
30/01/24 14:00	100.615	26.234	126.849	1.248			5.0	205	09
30/01/24 14:05	92.264	35.704	127.969	1.400			5.3	198	09
30/01/24 14:10	85.953	22.568	108.521	1.383			5.2	203	09
30/01/24 14:15	102.547	29.813	132.361	1.355			5.5	206	07
30/01/24 14:20	39.341	16.711	56.052	1.266			5.5	203	09
30/01/24 14:25	10.223	8.282	18.505	1.041			5.5	202	10
30/01/24 14:30	6.955	4.596	11.551	0.898			5.5	200	10
30/01/24 14:35	8.296	6.653	14.949	0.694			5.5	201	10
30/01/24 14:40	5.337	4.587	9.924	0.544			5.7	198	08
30/01/24 14:45	8.001	4.246	12.247	0.418			6.0	200	09
30/01/24 14:50	6.569	5.584	12.153	0.447			6.1	206	08
30/01/24 14:55	14.758	8.517	23.275	0.528			6.3	201	08
30/01/24 15:00	10.677	3.994	14.671	0.568			6.1	203	08
30/01/24 15:05	12.470	6.699	19.170	0.550			6.4	200	08
30/01/24 15:10	14.714	5.638	20.351	0.542			6.3	199	08
30/01/24 15:15	19.831	5.419	25.250	0.507			6.6	203	07
30/01/24 15:20	17.810	12.275	30.085	0.469			6.7	202	08
30/01/24 15:25	21.654	6.124	27.778	0.389			6.4	200	09
30/01/24 15:30	16.141	5.422	21.562	0.474			7.0	205	08
30/01/24 15:35	23.839	6.343	30.183	0.504			7.1	202	08
30/01/24 15:40	17.170	9.914	27.084	0.435			6.6	197	07
30/01/24 15:45	11.719	12.527	24.246	0.446			7.0	202	08
30/01/24 15:50	15.441	7.044	22.485	0.555			7.0	200	07
30/01/24 15:55	9.836	7.579	17.415	0.623			7.4	196	08
30/01/24 16:00	20.337	7.312	27.649	0.588			7.1	196	08
30/01/24 16:05	22.113	4.347	26.460	0.554			6.5	200	09
30/01/24 16:10	14.403	7.801	22.205	0.626			6.8	195	08
30/01/24 16:15	18.917	6.528	25.445	0.583			6.6	196	07
30/01/24 16:20	8.806	4.639	13.446	0.505			6.7	196	08
30/01/24 16:25	8.986	2.772	11.757	0.525			6.6	196	07
30/01/24 16:30	5.298	3.107	8.405	0.462			5.8	194	06
30/01/24 16:35	2.075	2.925	5.000	0.407			6.1	195	06
30/01/24 16:40	2.554	3.136	5.691	0.250			6.0	194	08
30/01/24 16:45	3.983	4.992	8.976	0.238			6.5	195	08
30/01/24 16:50	8.102	4.298	12.400	0.326			6.2	200	09
30/01/24 16:55	9.111	5.707	14.819	0.329			5.9	198	08
30/01/24 17:00	9.579	4.372	13.951	0.303			6.2	200	07
30/01/24 17:05	37.982	13.172	51.154	0.292			5.9	198	08
30/01/24 17:10	19.451	8.214	27.666	0.321			5.8	199	08
30/01/24 17:15	14.338	13.890	28.227	0.388			5.7	200	08
30/01/24 17:20	43.829	21.627	65.456	0.518			5.8	202	06
30/01/24 17:25	13.614	7.583	21.197	0.533			6.1	199	09
30/01/24 17:30	53.017	11.356	64.373	0.580			6.1	197	08
30/01/24 17:35	37.265	6.280	43.545	0.590			6.4	198	06
30/01/24 17:40	14.055	3.862	17.918	0.530			6.6	199	06
30/01/24 17:45	3.230	1.885	5.116	0.569			6.7	197	07
30/01/24 17:50	13.522	10.713	24.235	0.559			6.4	196	06
30/01/24 17:55	11.247	9.862	21.109	0.519			6.4	195	06
30/01/24 18:00	7.414	5.526	12.941	0.470			6.4	195	07
30/01/24 18:05	5.941	6.354	12.295	0.487			6.0	196	06
30/01/24 18:10	4.123	4.729	8.852	0.300			5.0	196	07
30/01/24 18:15	4.202	1.587	5.789	0.449			5.1	193	10
30/01/24 18:20	3.578	4.037	7.616	0.621			4.4	191	12
30/01/24 18:25	3.185	3.199	6.384	0.606			4.8	192	09
30/01/24 18:30	4.607	4.656	9.263	0.406			5.5	193	10
30/01/24 18:35	5.514	4.685	10.199	0.189			5.1	192	10
30/01/24 18:40	3.462	0.307	3.769	0.162			5.8	193	07
30/01/24 18:45	3.164	1.550	4.714	0.078			5.4	193	08
30/01/24 18:50	4.358	6.053	10.411	0.164			5.1	192	09
30/01/24 18:55	3.998	3.430	7.428	0.273			5.5	194	09
30/01/24 19:00	3.613	2.338	5.951	0.430			6.2	195	06
30/01/24 19:05	4.878	4.376	9.254	0.375			7.1	193	06
30/01/24 19:10	6.722	3.602	10.324	0.469			7.0	197	06
30/01/24 19:15	12.354	5.853	18.207	0.571			7.0	195	07
30/01/24 19:20	4.511	4.616	9.127	0.607			6.7	195	07
30/01/24 19:25	12.980	3.796	16.776	0.708			6.8	196	07
30/01/24 19:30	5.887	6.382	12.270	0.708			6.1	193	08

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
30/01/24 19:35	8.306	9.475	17.781	0.699			5.9	194	07
30/01/24 19:40	5.438	6.773	12.212	0.505			5.7	195	09
30/01/24 19:45	6.506	4.235	10.741	0.549			3.8	185	16
30/01/24 19:50	6.139	4.829	10.968	0.482			3.3	184	17
30/01/24 19:55	1.833	1.534	3.366	0.401			3.0	172	23
30/01/24 20:00	1.356	2.831	4.186	0.395			3.4	186	13
30/01/24 20:05	2.414	0.990	3.404	0.329			4.1	186	16
30/01/24 20:10	2.690	2.409	5.099	0.335			3.4	182	19
30/01/24 20:15	5.563	2.170	7.732	0.386			3.8	185	16
30/01/24 20:20	2.699	1.335	4.034	0.401			3.3	187	18
30/01/24 20:25	2.183	1.900	4.082	0.296			3.1	179	17
30/01/24 20:30	2.197	0.196	2.393	0.330			3.4	187	14
30/01/24 20:35	1.171	0.236	1.407	0.357			2.7	176	22
30/01/24 20:40	0.617	0.584	1.201	0.450			3.1	179	17
30/01/24 20:45	1.009	0.709	1.719	0.323			3.2	179	19
30/01/24 20:50	1.210	0.939	2.149	0.322			4.1	191	12
30/01/24 20:55	1.713	1.383	3.096	0.237			4.5	196	06
30/01/24 21:00	1.761	1.433	3.194	0.211			3.7	190	16
30/01/24 21:05	2.406	1.561	3.966	0.265			3.7	191	12
30/01/24 21:10	1.357	2.165	3.522	0.511			4.0	190	13
30/01/24 21:15	1.634	1.370	3.004	0.389			4.1	194	10
30/01/24 21:20	1.690	1.220	2.910	0.210			4.7	196	08
30/01/24 21:25	2.106	1.590	3.696	0.191			4.6	195	07
30/01/24 21:30	1.621	0.796	2.417	0.075			4.9	194	11
30/01/24 21:35	3.182	1.827	5.009	-0.003			4.6	195	09
30/01/24 21:40				-0.051			4.7	195	08
30/01/24 21:45	2.485	0.591	3.076	0.128			5.1	196	07
30/01/24 21:50	2.880	2.145	5.025	0.183			4.3	194	09
30/01/24 21:55	1.198	1.742	2.940	0.176			4.0	194	10
30/01/24 22:00	1.635	2.393	4.028	0.221			4.1	195	09
30/01/24 22:05	1.344	1.065	2.409	0.219			3.6	190	12
30/01/24 22:10	1.445	0.904	2.349	0.240			4.0	192	09
30/01/24 22:15	1.203	0.741	1.944	0.294			3.5	193	10
30/01/24 22:20	0.870	0.727	1.597	0.382			2.8	187	15
30/01/24 22:25	0.768	0.856	1.624	0.365			2.7	178	20
30/01/24 22:30	0.800	0.798	1.598	0.402			2.4	171	24
30/01/24 22:35	0.942	0.850	1.792	0.340			2.5	173	20
30/01/24 22:40	0.595	0.230	0.825	0.293			2.3	166	25
30/01/24 22:45	0.885	0.777	1.662	0.266			3.0	179	17
30/01/24 22:50	0.899	0.836	1.735	0.241			2.3	161	25
30/01/24 22:55	1.038	0.417	1.455	0.156			2.4	176	22
30/01/24 23:00	0.912	0.644	1.556	0.138			2.4	178	23
30/01/24 23:05	1.016	0.879	1.894	0.078			2.3	181	24
30/01/24 23:10	0.792	0.769	1.561	0.257			2.1	164	23
30/01/24 23:15	0.746	0.824	1.570	0.267			2.7	181	18
30/01/24 23:20	0.796	0.854	1.650	0.203			2.1	169	22
30/01/24 23:25	0.707	0.686	1.393	0.049			2.6	179	20
30/01/24 23:30	0.577	0.679	1.256	-0.059			3.4	188	12
30/01/24 23:35	0.681	0.878	1.559	0.028			3.4	192	13
30/01/24 23:40	0.698	0.910	1.608	0.047			2.9	184	17
30/01/24 23:45	0.730	0.872	1.602	0.045			3.0	179	22
30/01/24 23:50	1.057	1.059	2.115				3.0	182	17
30/01/24 23:55	1.831	0.337	2.168				3.2	185	16
31/01/24 00:00	1.543	0.626	2.170	0.124			3.9	193	09
31/01/24 00:05	1.169	0.855	2.024	0.184			3.2	187	15
31/01/24 00:10				0.352			2.7	183	21
31/01/24 00:15	1.575	0.853	2.428	0.338			2.8	182	16
31/01/24 00:20	1.678	0.836	2.514	0.257			4.4	192	11
31/01/24 00:25	2.092	1.492	3.584	0.219			4.3	192	10
31/01/24 00:30	1.939	1.289	3.228	0.326			5.1	193	08
31/01/24 00:35	1.727	1.822	3.549	0.353			3.9	191	11
31/01/24 00:40	1.615	1.607	3.221	0.238			4.4	194	08
31/01/24 00:45	2.083	4.884	6.968	0.356			4.1	191	11
31/01/24 00:50	17.312	1.741	19.053	0.406			4.0	191	10
31/01/24 00:55	2.704	2.562	5.266	0.260			3.4	186	15
31/01/24 01:00	1.195	0.312	1.507	0.232			3.2	182	17
31/01/24 01:05							3.5	182	14
31/01/24 01:10							2.8	177	19
31/01/24 01:15							3.5	184	20
31/01/24 01:20							2.6	161	25
31/01/24 01:25							3.4	151	22
31/01/24 01:30							2.3	167	26
31/01/24 01:35							2.8	176	19
31/01/24 01:40							2.7	154	26
31/01/24 01:45							3.2	181	15
31/01/24 01:50							2.5	170	25
31/01/24 01:55							4.2	188	10
31/01/24 02:00							4.9	189	11
31/01/24 02:05	0.300	1.698	1.998	0.229			4.5	184	14
31/01/24 02:10	0.163	1.811	1.974	0.287			4.4	189	12
31/01/24 02:15	0.066	1.468	1.534	0.385			4.2	189	12
31/01/24 02:20	-0.041	1.669	1.628	0.388			4.3	188	12
31/01/24 02:25	-0.148	1.760	1.612	0.341			3.6	182	14
31/01/24 02:30	-0.042	1.904	1.862	0.155			3.4	182	15
31/01/24 02:35	-0.063	1.836	1.773	0.132			4.0	187	13
31/01/24 02:40	0.009	1.851	1.861	0.262			3.7	187	13
31/01/24 02:45	0.060	1.766	1.826	0.393			4.0	187	12
31/01/24 02:50	0.139	1.667	1.806	0.434			3.4	180	13
31/01/24 02:55	0.161	1.750	1.911	0.352			3.9	190	12
31/01/24 03:00	0.110	1.630	1.739	0.255			4.4	188	11
31/01/24 03:05	-0.014	1.557	1.543	0.159			4.2	186	10
31/01/24 03:10	0.041	1.275	1.316	0.161			4.2	191	08
31/01/24 03:15	0.097	1.258	1.356	0.173			4.5	191	10
31/01/24 03:20	0.136	1.290	1.426	0.153			4.3	192	10
31/01/24 03:25	0.191	1.236	1.427	0.167			3.3	183	13
31/01/24 03:30	0.144	1.225	1.369	0.161			3.6	186	13
31/01/24 03:35	0.097	1.301	1.398	0.206			3.9	187	11
31/01/24 03:40	0.016	1.271	1.287	0.118			4.3	189	09
31/01/24 03:45	0.074	1.270	1.344	0.199			3.7	188	11
31/01/24 03:50	0.070	1.246	1.316	0.276			3.8	187	15
31/01/24 03:55	0.163	1.188	1.350	0.272			4.5	189	07
31/01/24 04:00	0.184	1.097	1.281	0.331			3.8	187	12
31/01/24 04:05	0.191	1.086	1.277	0.361			3.6	183	16
31/01/24 04:10	0.792	1.010	1.802	0.337			3.6	184	15
31/01/24 04:15	0.979	1.159	2.139	0.189			3.0	178	16
31/01/24 04:20	0.771	1.321	2.092	0.123			2.6	181	20

Station Pier Ambient Air Quality Monitoring									
January 2024									
5-Minute Data									
Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/01/24 04:25	0.445	1.163	1.609	-0.017			3.1	187	14
31/01/24 04:30	0.550	1.282	1.832	0.217			2.8	181	16
31/01/24 04:35	0.382	1.372	1.754	0.222			3.5	183	17
31/01/24 04:40	0.408	1.288	1.696	0.011			3.9	190	14
31/01/24 04:45	0.345	1.209	1.554	0.029			3.0	182	18
31/01/24 04:50	0.350	1.048	1.399	0.150			3.5	183	13
31/01/24 04:55	0.253	1.059	1.313	0.215			3.0	182	22
31/01/24 05:00	0.150	0.943	1.093	0.307			3.0	181	17
31/01/24 05:05	0.068	0.917	0.985	0.393			2.8	176	17
31/01/24 05:10	0.071	0.874	0.945	0.344			3.2	184	15
31/01/24 05:15	0.062	0.955	1.017	0.274			3.0	184	14
31/01/24 05:20	0.064	0.965	1.030	0.414			2.3	176	25
31/01/24 05:25	-0.068	0.890	0.822	0.422			3.0	177	22
31/01/24 05:30	0.001	0.803	0.804	0.408			2.8	163	26
31/01/24 05:35	0.065	0.692	0.757	0.416			2.5	161	26
31/01/24 05:40	0.103	0.712	0.816	0.218			2.6	172	23
31/01/24 05:45	0.203	0.831	1.035	0.170			2.7	157	25
31/01/24 05:50	0.220	0.898	1.118	0.254			3.3	149	20
31/01/24 05:55	0.183	0.895	1.077	0.284			2.9	152	25
31/01/24 06:00	0.079	0.913	0.992	0.402			2.1	177	26
31/01/24 06:05	0.182	0.796	0.978	0.308			3.0	150	23
31/01/24 06:10	0.273	0.781	1.054	0.189			3.1	150	18
31/01/24 06:15	0.224	0.708	0.932	0.160			2.0	155	23
31/01/24 06:20	0.098	0.779	0.877	0.099			2.4	117	18
31/01/24 06:25	0.226	0.947	1.174	0.162			3.1	112	11
31/01/24 06:30	0.200	1.176	1.376	0.203			2.4	113	15
31/01/24 06:35	0.253	1.353	1.606	0.134			2.1	115	17
31/01/24 06:40	0.270	1.565	1.835	0.099			1.9	143	33
31/01/24 06:45	2.782	0.072	2.854	0.019			2.4	192	29
31/01/24 06:50	24.809	5.496	30.305	0.077			2.7	214	19
31/01/24 06:55	4.278	6.223	10.501	0.112			2.6	220	07
31/01/24 07:00	33.441	4.905	38.346	0.148			2.6	214	18
31/01/24 07:05	27.123	8.518	35.640	0.351			1.7	214	14
31/01/24 07:10	2.087	3.932	6.019	0.386			1.3	125	26
31/01/24 07:15	1.479	5.219	6.699	0.396			3.5	108	08
31/01/24 07:20	1.800	5.519	7.319	0.402			2.3	107	15
31/01/24 07:25	1.655	5.272	6.927	0.290			1.7	124	23
31/01/24 07:30	1.760	4.814	6.574	0.199			1.3	139	30
31/01/24 07:35	1.925	5.095	7.020	0.134			2.1	183	30
31/01/24 07:40	1.668	5.105	6.773	0.133			4.9	219	04
31/01/24 07:45	56.297	6.362	62.659	0.273			3.5	212	08
31/01/24 07:50	56.824	7.090	63.914	0.327			3.6	206	12
31/01/24 07:55	11.148	5.705	16.852	0.265			2.8	195	21
31/01/24 08:00	1.881	1.291	3.172	0.264			2.8	164	24
31/01/24 08:05	0.710	0.684	1.395	0.237			2.5	175	21
31/01/24 08:10	0.059	0.577	0.636	0.259			2.7	170	22
31/01/24 08:15	0.250	0.590	0.840	0.215			2.2	172	22
31/01/24 08:20	0.624	1.026	1.649	0.309			3.1	182	17
31/01/24 08:25	0.831	0.841	1.672	0.300			3.1	176	19
31/01/24 08:30	0.403	0.854	1.257	0.278			3.6	175	16
31/01/24 08:35	0.527	0.983	1.510	0.401			3.5	188	12
31/01/24 08:40	0.925	1.919	2.844	0.345			3.5	186	15
31/01/24 08:45	1.669	2.884	4.553	0.421			3.4	187	14
31/01/24 08:50	1.576	0.942	2.519	0.404			3.0	176	19
31/01/24 08:55	1.047	0.406	1.453	0.294			2.6	168	17
31/01/24 09:00	0.426	0.600	1.026	0.267			2.7	174	19
31/01/24 09:05	0.010	0.554	0.563	0.258			2.4	176	23
31/01/24 09:10	0.072	0.467	0.539	0.261			3.0	182	19
31/01/24 09:15	0.251	0.522	0.773	0.328			3.3	186	12
31/01/24 09:20	0.246	0.544	0.790	0.275			3.6	184	14
31/01/24 09:25	0.191	0.684	0.875	0.177			3.2	189	13
31/01/24 09:30	0.318	0.779	1.097	0.120			3.4	187	14
31/01/24 09:35	0.373	0.804	1.177	0.135			3.6	189	11
31/01/24 09:40	0.328	0.818	1.146	0.135			5.5	195	07
31/01/24 09:45	0.437	0.789	1.226	0.161			6.1	200	07
31/01/24 09:50	1.581	1.031	2.612	0.228			6.3	203	05
31/01/24 09:55	5.903	4.245	10.147	0.228			5.2	203	05
31/01/24 10:00	18.985	10.555	29.540	0.328			4.7	205	07
31/01/24 10:05	27.247	2.958	30.205	0.328			4.5	204	06
31/01/24 10:10	64.316	6.644	70.960	0.230			4.2	208	08
31/01/24 10:15	1.496	1.590	3.086	0.119			3.7	197	10
31/01/24 10:20	0.622	0.846	1.469	0.194			3.9	199	07
31/01/24 10:25	12.024	1.645	13.669	0.268			4.4	200	07
31/01/24 10:30	0.315	0.847	1.163	0.252			5.0	197	06
31/01/24 10:35	0.222	0.695	0.917	0.348			4.4	192	08
31/01/24 10:40	0.416	0.571	0.987	0.267			3.6	188	15
31/01/24 10:45	0.495	0.745	1.240	0.276			4.0	196	09
31/01/24 10:50	0.533	0.905	1.438	0.396			4.2	190	11
31/01/24 10:55	0.459	1.014	1.474	0.379			3.8	188	12
31/01/24 11:00	0.487	0.952	1.439	0.374			3.5	190	14
31/01/24 11:05	0.476	0.894	1.370	0.333			3.3	184	18
31/01/24 11:10	0.521	0.873	1.394	0.327			2.9	182	17
31/01/24 11:15	0.570	0.857	1.427	0.269			3.4	186	16
31/01/24 11:20	0.492	0.741	1.233	0.222			5.4	198	08
31/01/24 11:25	0.334	0.643	0.977	0.328			5.4	197	06
31/01/24 11:30	0.439	0.706	1.145	0.314			4.6	197	10
31/01/24 11:35	0.765	0.893	1.658	0.288			3.2	186	14
31/01/24 11:40	0.626	0.838	1.464	0.264			3.3	194	12
31/01/24 11:45	0.520	0.688	1.208	0.285			3.7	195	08
31/01/24 11:50	0.431	0.668	1.099	0.362			4.6	201	06
31/01/24 11:55	0.398	0.663	1.061	0.373			4.6	198	05
31/01/24 12:00	0.562	0.777	1.340	0.419			4.1	198	08
31/01/24 12:05	0.833	0.952	1.785	0.370			4.8	198	07
31/01/24 12:10	1.275	0.886	2.161	0.372			4.5	199	07
31/01/24 12:15	1.406	1.352	2.758	0.372			3.4	190	13
31/01/24 12:20	0.836	0.342	1.178	0.394			6.0	200	06
31/01/24 12:25	0.481	0.241	0.722	0.386			7.1	201	04
31/01/24 12:30	0.338	0.372	0.711	0.419			6.4	205	06
31/01/24 12:35	0.313	0.428	0.741	0.403			6.8	203	05
31/01/24 12:40	0.424	0.495	0.918	0.399			6.8	203	06
31/01/24 12:45	0.426	0.500	0.926	0.392			6.5	201	04
31/01/24 12:50	0.387	0.498	0.885	0.402			6.5	198	05
31/01/24 12:55	0.305	0.456	0.761	0.362			7.0	204	06
31/01/24 13:00	0.328	0.518	0.846	0.343			6.5	199	05
31/01/24 13:05	0.356	0.624	0.980	0.338			4.9	197	05
31/01/24 13:10	0.488	0.727	1.216	0.383			3.9	193	10

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NOx (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/01/24 13:15	0.518	0.826	1.344	0.416			3.4	192	10
31/01/24 13:20	0.587	0.993	1.580	0.408			4.1	192	11
31/01/24 13:25	0.661	1.058	1.719	0.423			4.1	193	11
31/01/24 13:30	0.556	1.033	1.589	0.435			4.8	197	07
31/01/24 13:35	0.858	1.194	2.051	0.385			5.6	199	07
31/01/24 13:40	0.784	1.100	1.884	0.373			6.4	199	05
31/01/24 13:45	0.662	0.986	1.648	0.383			5.9	199	07
31/01/24 13:50	0.966	0.795	1.761	0.340			6.7	201	06
31/01/24 13:55	1.252	1.230	2.481	0.370			6.5	202	06
31/01/24 14:00	1.242	0.759	2.001	0.371			7.3	200	04
31/01/24 14:05	0.756	1.012	1.767	0.420			7.4	201	04
31/01/24 14:10	0.607	1.016	1.623	0.343			7.3	203	06
31/01/24 14:15	0.735	1.004	1.739	0.188			7.7	204	04
31/01/24 14:20	2.237	0.704	2.941	0.259			7.9	204	05
31/01/24 14:25	1.595	0.686	2.281	0.318			8.1	200	04
31/01/24 14:30	0.577	1.003	1.580	0.376			7.5	197	05
31/01/24 14:35	0.905	1.781	2.686	0.380			7.5	200	06
31/01/24 14:40	0.971	1.051	2.022	0.368			7.2	201	05
31/01/24 14:45	0.850	0.744	1.594	0.363			7.5	201	05
31/01/24 14:50	0.703	0.658	1.360	0.429			6.8	200	07
31/01/24 14:55	0.733	0.846	1.579	0.428			7.0	198	06
31/01/24 15:00	0.610	0.874	1.485	0.464			6.1	196	08
31/01/24 15:05	0.537	0.957	1.494	0.383			6.8	198	06
31/01/24 15:10	0.716	0.843	1.558	0.395			6.6	198	06
31/01/24 15:15				0.440			6.6	197	06
31/01/24 15:20	0.049	0.874	0.922	0.410			6.3	195	06
31/01/24 15:25	0.200	0.668	0.868	0.472			7.4	197	05
31/01/24 15:30	0.363	0.746	1.108	0.356			6.4	196	07
31/01/24 15:35	4.704	2.992	7.696	0.267			7.4	198	06
31/01/24 15:40	0.015	0.572	0.586	0.332			6.5	195	07
31/01/24 15:45	0.112	0.567	0.679	0.369			6.3	196	08
31/01/24 15:50	0.167	0.588	0.755	0.383			6.8	198	06
31/01/24 15:55	0.213	0.568	0.781	0.293			5.2	195	10
31/01/24 16:00	0.196	0.640	0.836	0.282			5.4	192	11
31/01/24 16:05	0.190	0.630	0.820	0.310			4.8	190	11
31/01/24 16:10	0.192	0.564	0.756	0.321			4.3	188	11
31/01/24 16:15	0.250	0.598	0.848	0.351			4.3	185	11
31/01/24 16:20	0.247	0.607	0.854	0.395			4.3	183	13
31/01/24 16:25	0.428	0.678	1.106	0.376			4.5	185	13
31/01/24 16:30	0.421	0.666	1.087	0.281			4.4	185	12
31/01/24 16:35	0.393	0.625	1.019	0.238			4.6	188	11
31/01/24 16:40	0.314	0.617	0.931	0.234			4.0	185	14
31/01/24 16:45	0.287	0.737	1.023	0.226			4.5	187	10
31/01/24 16:50	0.233	0.813	1.047	0.226			4.3	186	13
31/01/24 16:55	0.178	0.656	0.834	0.258			4.7	189	10
31/01/24 17:00	0.332	0.654	0.986	0.387			4.6	187	13
31/01/24 17:05	0.539	0.788	1.327	0.429			4.7	189	11
31/01/24 17:10	0.559	0.726	1.286	0.453			5.0	188	10
31/01/24 17:15	34.503	19.642	54.145	0.436			4.3	194	12
31/01/24 17:20	10.120	6.989	17.109	0.531			4.6	194	08
31/01/24 17:25	15.689	12.322	28.011	0.486			4.1	195	09
31/01/24 17:30	12.278	10.808	23.086	0.483			3.6	186	13
31/01/24 17:35	2.827	2.484	5.311	0.505			3.5	184	13
31/01/24 17:40	-0.060	1.835	1.775	0.442			3.5	180	13
31/01/24 17:45	-0.189	1.405	1.215	0.443			3.0	188	15
31/01/24 17:50	0.164	1.159	1.323	0.393			4.3	188	12
31/01/24 17:55	0.281	1.019	1.299	0.427			4.2	188	13
31/01/24 18:00	0.336	0.917	1.253	0.405			3.9	183	13
31/01/24 18:05	0.294	0.858	1.152	0.384			4.5	185	14
31/01/24 18:10	0.219	0.699	0.918	0.293			3.8	182	12
31/01/24 18:15	0.146	0.582	0.728	0.266			4.4	188	12
31/01/24 18:20	0.088	0.577	0.665	0.299			4.1	190	12
31/01/24 18:25	0.015	0.551	0.566	0.359			4.6	190	10
31/01/24 18:30	0.057	0.505	0.562	0.310			4.2	191	12
31/01/24 18:35	0.118	0.532	0.650	0.443			5.1	188	10
31/01/24 18:40	0.165	0.495	0.661	0.431			4.1	185	13
31/01/24 18:45	0.203	0.388	0.591	0.435			3.8	184	12
31/01/24 18:50	0.286	0.323	0.609	0.395			4.5	188	13
31/01/24 18:55	0.226	0.379	0.606	0.427			3.5	174	18
31/01/24 19:00	0.096	0.387	0.483	0.506			3.9	186	16
31/01/24 19:05	0.043	0.383	0.426	0.417			3.9	181	15
31/01/24 19:10	0.095	0.374	0.468	0.322			3.7	186	11
31/01/24 19:15	0.204	0.384	0.588	0.274			4.1	190	10
31/01/24 19:20	0.200	0.427	0.627	0.236			3.6	185	12
31/01/24 19:25	0.266	0.432	0.698	0.131			2.6	176	19
31/01/24 19:30	0.240	0.409	0.649	0.132			3.6	183	16
31/01/24 19:35	0.223	0.439	0.662	0.144			3.0	179	20
31/01/24 19:40	0.192	0.436	0.628	0.189			3.1	182	17
31/01/24 19:45	0.218	0.449	0.667	0.209			3.7	193	12
31/01/24 19:50	0.180	0.536	0.715	0.274			4.0	191	10
31/01/24 19:55	0.169	0.563	0.732	0.286			3.3	186	14
31/01/24 20:00	0.243	0.581	0.824	0.274			4.0	187	10
31/01/24 20:05	0.221	0.593	0.814	0.335			3.6	191	09
31/01/24 20:10	0.066	0.694	0.760	0.369			3.3	189	13
31/01/24 20:15	1.222	1.553	2.774	0.423			3.7	194	09
31/01/24 20:20	1.150	1.967	3.117	0.455			3.8	187	10
31/01/24 20:25	0.592	2.566	3.159	0.344			3.7	185	14
31/01/24 20:30	10.362	15.517	25.879	0.352			3.7	194	12
31/01/24 20:35	10.803	5.964	16.768	0.382			4.0	190	10
31/01/24 20:40	13.511	10.754	24.265	0.333			4.3	191	09
31/01/24 20:45	13.375	14.433	27.808	0.325			4.2	189	11
31/01/24 20:50	7.634	7.929	15.563	0.325			4.0	188	10
31/01/24 20:55	5.337	7.770	13.107	0.337			4.2	191	08
31/01/24 21:00	1.920	5.201	7.121	0.311			3.3	184	13
31/01/24 21:05	0.369	1.600	1.969	0.334			3.8	191	11
31/01/24 21:10	0.241	2.191	2.432	0.398			3.7	190	10
31/01/24 21:15	0.117	2.993	3.109	0.354			3.5	193	11
31/01/24 21:20	0.191	3.378	3.569	0.300			4.1	193	09
31/01/24 21:25	0.343	4.163	4.506	0.317			4.5	192	09
31/01/24 21:30	0.294	4.529	4.823	0.364			3.7	187	11
31/01/24 21:35	0.281	4.252	4.533	0.378			3.4	185	15
31/01/24 21:40	0.270	3.532	3.802	0.361			4.1	189	10
31/01/24 21:45	0.192	2.959	3.150	0.346			3.4	184	13
31/01/24 21:50	0.168	2.571	2.739	0.407			3.7	187	11
31/01/24 21:55	0.141	2.270	2.411	0.424			4.1	191	11
31/01/24 22:00	0.134	2.260	2.394	0.398			3.9	188	11

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

Date/Time	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/01/24 22:05	0.120	2.080	2.199	0.353			4.0	187	12
31/01/24 22:10	0.144	1.634	1.779	0.356			4.2	195	08
31/01/24 22:15	0.126	1.354	1.480	0.424			3.9	189	13
31/01/24 22:20	0.184	1.227	1.411	0.354			3.9	189	11
31/01/24 22:25	0.203	1.044	1.247	0.334			3.7	190	11
31/01/24 22:30	0.194	0.896	1.091	0.402			3.5	188	12
31/01/24 22:35	0.061	0.836	0.897	0.341			2.9	181	17
31/01/24 22:40	0.088	0.787	0.874	0.365			3.5	188	10
31/01/24 22:45	0.058	0.811	0.869	0.327			3.6	188	15
31/01/24 22:50	0.065	0.877	0.941	0.396			3.8	189	09
31/01/24 22:55	-0.044	0.897	0.853	0.369			3.6	186	10
31/01/24 23:00	-0.165	0.891	0.726	0.293			3.6	191	10
31/01/24 23:05	-0.188	0.874	0.686	0.234			4.1	190	10
31/01/24 23:10	-0.071	0.847	0.776	0.167			3.7	195	11
31/01/24 23:15	-0.015	0.761	0.746	0.191			3.5	180	14
31/01/24 23:20	0.028	0.638	0.666	0.225			2.8	184	18
31/01/24 23:25	0.099	0.669	0.768	0.258			3.7	186	12
31/01/24 23:30	0.102	0.755	0.858	0.285			3.1	192	10
31/01/24 23:35	0.083	0.778	0.862	0.326			3.4	198	12
31/01/24 23:40	0.015	0.769	0.784	0.364			2.4	192	16
31/01/24 23:45	0.211	0.921	1.133	0.392			2.9	190	09
31/01/24 23:50	0.287	1.487	1.774				2.7	186	12
31/01/24 23:55	0.286	1.589	1.875				2.9	190	10
01/02/24 00:00	0.191	1.391	1.582	0.442			2.9	190	13

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
01/01/24 01:00	10	20.0	0.0	1.5	1.5	0.2			2.0	153	28
01/01/24 02:00	9	23.0							1.4	151	32
01/01/24 03:00	9	29.0	0.0	2.4	2.4	0.3			1.2	134	30
01/01/24 04:00	10	32.0	0.2	3.8	4.0	0.4			1.2	132	25
01/01/24 05:00	9	30.0	0.4	4.9	5.3	0.4			0.8	84	19
01/01/24 06:00	11	21.0	1.6	7.0	8.6	0.6			0.3	116	25
01/01/24 07:00	12	30.0	2.6	4.5	7.1	1.5			0.5	196	33
01/01/24 08:00	10	22.0	1.7	2.6	4.3	1.9			0.5	185	37
01/01/24 09:00	14	30.0	2.2	2.5	4.7	2.3			0.5	168	38
01/01/24 10:00	9	21.0	1.9	2.8	4.8	2.3			0.7	190	35
01/01/24 11:00	10	21.0	1.7	2.7	4.4	1.7			1.7	222	18
01/01/24 12:00	9	29.0	1.7	3.0	4.7	1.4			2.4	225	11
01/01/24 13:00	12	28.0	1.7	3.2	4.9	1.4			1.8	219	17
01/01/24 14:00	14	25.0	10.1	9.6	19.8	2.2			2.4	219	14
01/01/24 15:00	14	26.0	11.5	9.0	20.5	2.1			4.2	226	8
01/01/24 16:00	12	29.0	13.0	8.8	21.8	2.4			3.5	223	9
01/01/24 17:00	11	29.0	13.4	9.8	23.2	2.6			3.4	222	11
01/01/24 18:00	16	30.0	9.0	5.9	14.9	2.5			5.1	228	7
01/01/24 19:00	7	22.0	0.3	1.0	1.3	0.5			5.1	228	7
01/01/24 20:00	7	21.0	-0.1	1.1	1.0	0.3			3.7	226	9
01/01/24 21:00	8	22.0	-0.1	0.7	0.6	0.2			2.5	216	13
01/01/24 22:00	8	17.0	0.0	1.0	1.0	0.2			2.0	227	14
01/01/24 23:00	6	17.0	0.0	1.2	1.1	0.2			1.7	233	13
02/01/24 00:00	2	15.0	0.1	1.0	1.0	0.1			1.4	234	18
02/01/24 01:00	3	15.0	0.0	1.8	1.8	0.1			1.0	243	26
02/01/24 02:00	4	24.0							1.2	248	23
02/01/24 03:00	4	18.0	0.1	1.7	1.7	0.1			1.4	235	16
02/01/24 04:00	6	17.0	0.0	1.4	1.4	0.2			1.1	220	16
02/01/24 05:00	3	19.0	0.1	2.9	3.0	0.1			0.4	258	31
02/01/24 06:00	5	18.0	1.1	9.5	10.6	0.1			1.1	280	18
02/01/24 07:00	8	21.0	4.3	11.8	16.1	0.3			0.7	315	26
02/01/24 08:00	13	30.0	6.5	9.3	15.7	0.3			0.8	308	27
02/01/24 09:00	15	45.0	12.6	10.9	23.5	0.4			0.9	263	29
02/01/24 10:00	17	40.0	18.1	12.5	30.6	1.1			1.0	214	22
02/01/24 11:00	17	38.0	10.1	9.1	19.1	1.0			1.1	193	29
02/01/24 12:00	16	40.0	3.8	4.6	8.4	0.6			1.6	218	22
02/01/24 13:00	11	30.0	2.9	5.8	8.6	0.3			1.9	221	17
02/01/24 14:00	15	30.0	2.1	6.6	8.7	0.5			2.3	226	16
02/01/24 15:00	15	25.0	0.4	3.4	3.8	0.1			3.8	249	12
02/01/24 16:00	11	34.0	1.8	8.4	10.2	0.1			1.9	249	18
02/01/24 17:00	10	33.0	0.2	4.1	4.2	0.0			1.3	104	20
02/01/24 18:00	12	38.0	0.5	11.9	12.3	-0.1			2.1	75	17
02/01/24 19:00	10	17.0	0.5	8.1	8.6	-0.3			3.9	81	16
02/01/24 20:00	8	14.0	0.0	4.7	4.7	-0.3			1.8	78	33
02/01/24 21:00	6	11.0	0.3	10.8	11.1	-0.3			0.3	313	35
02/01/24 22:00	8	10.0	0.5	16.4	16.9	-0.3			0.4	255	32

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
02/01/24 23:00	6	7.0	0.2	11.7	11.9	-0.3			1.1	224	22
03/01/24 00:00	15	21.0	0.3	8.0	8.3	-0.3			1.0	194	34
03/01/24 01:00	9	19.0	0.5	8.4	8.9				1.3	124	21
03/01/24 02:00	8	27.0							1.1	102	15
03/01/24 03:00	9	22.0	0.2	8.7	8.9	0.3			1.0	89	15
03/01/24 04:00	10	24.0	6.5	13.5	20.0	0.2			0.6	345	17
03/01/24 05:00	11	25.0	28.6	17.3	45.9	0.5			0.5	346	27
03/01/24 06:00	11	27.0	41.4	17.6	59.1	0.6			0.5	290	28
03/01/24 07:00	11	27.0	50.3	18.5	68.8	0.9			0.2	293	37
03/01/24 08:00	15	25.0	39.4	17.9	57.3	1.0			0.2	163	36
03/01/24 09:00	13	26.0	16.5	15.4	31.9	0.8			0.9	139	21
03/01/24 10:00	8	17.0	12.0	12.9	25.0	0.7			0.8	155	21
03/01/24 11:00	10	23.0	9.1	14.2	23.3	0.5			1.2	212	20
03/01/24 12:00	14	35.0	5.0	9.2	14.2	0.4			1.3	156	32
03/01/24 13:00	11	13.0	2.8	6.1	8.9	0.3			1.4	127	21
03/01/24 14:00	5	6.0	2.9	9.0	11.9	0.3			0.8	198	28
03/01/24 15:00	5	2.0	2.4	6.5	9.0	0.3			1.1	229	17
03/01/24 16:00	6	6.0	9.5	14.9	24.4	0.2			1.8	225	14
03/01/24 17:00	10	15.0	21.6	22.6	44.1	0.3			1.8	217	17
03/01/24 18:00	13	27.0	121.6	37.6	159.2	0.8			1.8	217	17
03/01/24 19:00	34	48.0	17.8	8.8	26.6	1.2			3.9	222	8
03/01/24 20:00	9	17.0	0.1	4.2	4.3	0.7			4.2	231	6
03/01/24 21:00	7	11.0	0.0	2.5	2.6	0.4			3.0	218	13
03/01/24 22:00	4	9.0	0.5	2.3	2.8	0.3			3.1	215	13
03/01/24 23:00	3	9.0	0.3	2.2	2.6	0.1			2.1	214	20
04/01/24 00:00	7	7.0	0.1	0.9	1.0	0.0			2.6	222	15
04/01/24 01:00	4	9.0	0.2	1.9	2.1				4.0	226	8
04/01/24 02:00	5	31.0							4.0	222	9
04/01/24 03:00	6	26.0	0.1	1.4	1.5	0.4			3.0	219	12
04/01/24 04:00	8	28.0	0.1	1.1	1.3	0.3			3.4	221	10
04/01/24 05:00	9	30.0	0.2	1.7	1.8	0.3			3.2	224	10
04/01/24 06:00	8	30.0	12.1	5.3	17.3	0.6			2.9	220	12
04/01/24 07:00	15	29.0	32.4	8.9	41.4	0.9			3.0	222	11
04/01/24 08:00	20	39.0	30.0	9.3	39.3	1.5			3.1	224	10
04/01/24 09:00	15	33.0	15.6	4.1	19.7	1.6			3.4	228	8
04/01/24 10:00	10	32.0	16.0	6.5	22.5	1.8			3.1	225	9
04/01/24 11:00	11	29.0	13.7	5.7	19.3	1.6			3.3	228	7
04/01/24 12:00	15	28.0	14.5	6.1	20.6	1.4			2.4	228	11
04/01/24 13:00	14	31.0	0.3	0.8	1.2	1.0			2.2	228	13
04/01/24 14:00	10	23.0	0.4	0.7	1.1	0.8			2.7	230	9
04/01/24 15:00	7	23.0	2.1	1.7	3.8	0.8			3.2	228	9
04/01/24 16:00	7	21.0	11.1	4.0	15.1	1.2			3.3	225	10
04/01/24 17:00	8	22.0	7.8	3.4	11.2	1.4			4.2	228	7
04/01/24 18:00	6	27.0	0.4	0.8	1.2	0.7			4.5	229	7
04/01/24 19:00	5	14.0	0.3	1.1	1.5	0.6			4.5	228	6
04/01/24 20:00	4	26.0	0.0	1.2	1.2	0.3			3.6	230	6

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
04/01/24 21:00	4	19.0	3.4	5.7	9.2	0.4			1.2	176	19
04/01/24 22:00	6	27.0	0.1	3.0	3.1	0.7			1.8	123	20
04/01/24 23:00	6	28.0	0.1	2.6	2.7	0.8			1.6	123	16
05/01/24 00:00	4	27.0	0.1	2.5	2.6	0.6			1.0	133	30
05/01/24 01:00	3	18.0	0.1	3.5	3.6	0.5			1.1	126	24
05/01/24 02:00	4	22.0							0.8	135	32
05/01/24 03:00	4	17.0	0.1	1.9	2.0	0.3			0.6	137	28
05/01/24 04:00	3	15.0	0.2	3.0	3.1	0.3			0.8	156	39
05/01/24 05:00	1	13.0	0.3	5.1	5.5	0.2			0.7	136	33
05/01/24 06:00	2	16.0	2.5	6.8	9.3	0.3			0.8	116	21
05/01/24 07:00	6	18.0	13.3	10.0	23.3	0.5			0.5	113	29
05/01/24 08:00	4	21.0	30.6	11.1	41.7	0.8			0.5	353	35
05/01/24 09:00	9	24.0	22.3	9.7	32.0	1.0			0.3	278	41
05/01/24 10:00	11	27.0	23.1	12.3	35.4	1.0			1.1	228	21
05/01/24 11:00	11	21.0	17.4	12.8	30.2	1.2			0.9	216	24
05/01/24 12:00	10	25.0	16.1	14.7	30.8	1.1			1.2	218	22
05/01/24 13:00	10	27.0	15.5	15.7	31.2	0.8			1.1	222	23
05/01/24 14:00	10	24.0	14.5	17.1	31.6	0.8			1.3	223	21
05/01/24 15:00	12	24.0	5.4	4.2	9.6	0.9			1.1	226	23
05/01/24 16:00	10	15.0	3.3	4.0	7.3	0.7			2.3	222	12
05/01/24 17:00	7	17.0	4.9	5.4	10.3	0.7			2.7	221	12
05/01/24 18:00	10	18.0	0.5	2.0	2.5	0.6			1.6	182	27
05/01/24 19:00	9	24.0	0.5	2.4	2.9	0.6			1.6	167	42
05/01/24 20:00	7	22.0	0.5	2.7	3.2	0.4			1.6	144	35
05/01/24 21:00	7	25.0	0.1	2.8	3.0	0.3			1.4	160	37
05/01/24 22:00	5	15.0	0.0	4.2	4.1	0.1			2.1	161	26
05/01/24 23:00	3	18.0	0.0	4.6	4.5	0.2			1.3	161	36
06/01/24 00:00	4	11.0	0.0	4.7	4.7	0.2			1.0	151	30
06/01/24 01:00	3	19.0	0.0	3.6	3.6	-0.1			1.0	114	15
06/01/24 02:00	1	15.0							0.5	76	18
06/01/24 03:00	3	16.0	1.1	8.0	9.1	0.0			0.6	336	21
06/01/24 04:00	5	13.0	6.1	11.7	17.7	0.2			0.9	331	23
06/01/24 05:00	6	18.0	4.3	11.1	15.3	0.3			0.7	338	32
06/01/24 06:00	6	14.0	6.8	9.2	16.1	0.4			0.8	335	33
06/01/24 07:00	6	16.0	15.5	10.4	25.9	0.8			0.5	15	45
06/01/24 08:00	6	27.0	7.5	6.7	14.1	1.2			0.3	57	51
06/01/24 09:00	8	23.0	4.4	5.0	9.4	1.0			0.7	161	39
06/01/24 10:00	6	15.0	3.0	4.3	7.4	0.6			1.3	325	42
06/01/24 11:00	4	19.0	1.3	3.1	4.4	0.2			1.8	356	42
06/01/24 12:00	3	17.0	0.8	2.8	3.6	0.1			1.9	33	37
06/01/24 13:00	5	11.0	0.7	2.6	3.2	0.1			1.5	11	40
06/01/24 14:00	3	12.0	0.6	2.5	3.1	0.2			0.9	344	43
06/01/24 15:00	3	10.0	0.5	2.6	3.1	0.2			0.5	21	63
06/01/24 16:00	3	7.0	0.6	3.1	3.7	0.2			0.7	57	38
06/01/24 17:00	6	18.0	1.4	7.3	8.7	0.3			0.9	169	47
06/01/24 18:00	6	45.0	0.5	3.6	4.1	0.3			1.0	188	36

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
06/01/24 19:00	7	25.0	0.4	4.0	4.5	0.4			2.0	127	13
06/01/24 20:00	12	33.0	0.3	4.1	4.5	0.6			2.3	117	12
06/01/24 21:00	11	31.0	0.3	5.7	6.0	0.5			2.0	117	11
06/01/24 22:00	13	34.0	0.4	8.2	8.6	0.3			1.5	117	13
06/01/24 23:00	11	32.0	0.5	9.4	9.9	0.4			0.4	128	31
07/01/24 00:00	6	19.0	1.9	10.7	12.6	0.3			0.7	71	21
07/01/24 01:00	9	20.0	0.8	6.9	7.7				0.4	64	28
07/01/24 02:00	8	17.0							0.9	93	20
07/01/24 03:00	8	18.0	0.4	6.4	6.8	0.2			0.6	70	31
07/01/24 04:00	8	16.0	0.1	5.0	5.1	0.2			1.0	89	19
07/01/24 05:00	6	14.0	0.2	4.0	4.2	0.1			1.1	80	26
07/01/24 06:00	6	17.0	0.5	5.3	5.7	0.0			1.0	28	30
07/01/24 07:00	5	21.0	0.7	4.8	5.5	0.1			1.5	25	30
07/01/24 08:00	4	12.0	1.8	5.4	7.2	0.1			1.7	14	33
07/01/24 09:00	6	19.0	1.8	3.2	5.0	0.0			2.0	25	34
07/01/24 10:00	11	21.0	1.0	3.4	4.4	0.1			2.2	25	36
07/01/24 11:00	8	18.0	1.1	4.3	5.4	0.1			2.3	18	35
07/01/24 12:00	5	16.0	1.0	4.6	5.6	0.0			2.4	22	33
07/01/24 13:00	5	7.0	2.3	6.6	9.0	-0.1			1.9	42	29
07/01/24 14:00	5	12.0	2.9	6.4	9.3	-0.1			1.4	41	29
07/01/24 15:00	3	8.0	1.7	6.1	7.8	0.0			1.5	47	28
07/01/24 16:00	3	10.0	1.8	5.7	7.5	0.0			1.5	63	26
07/01/24 17:00	2	7.0	1.7	6.4	8.1	0.0			1.0	64	27
07/01/24 18:00	1	3.0	1.5	6.1	7.7	-0.1			1.1	44	29
07/01/24 19:00	1	3.0	1.4	6.8	8.2	0.0			1.4	77	21
07/01/24 20:00	3	7.0	0.6	5.4	6.0	0.0			1.1	60	34
07/01/24 21:00	3	9.0	0.2	6.1	6.3	0.1			0.6	21	40
07/01/24 22:00	0	5.0	0.3	6.9	7.2	0.0			0.4	27	43
07/01/24 23:00	1	5.0	0.1	6.8	6.9	-0.1			0.2	72	24
08/01/24 00:00	4	7.0	0.0	7.4	7.3	0.0			0.5	103	17
08/01/24 01:00	0	10.0	0.0	6.0	6.0				1.0	97	15
08/01/24 02:00	-2	11.0							0.2	93	29
08/01/24 03:00	5	15.0	0.0	6.9	6.9	0.3			0.3	22	27
08/01/24 04:00	5	12.0	4.7	17.6	22.3	0.3			1.0	267	24
08/01/24 05:00	3	10.0	1.8	9.1	10.9	0.4			0.7	244	30
08/01/24 06:00	6	11.0	5.3	11.8	17.1	0.4			0.8	267	25
08/01/24 07:00	6	11.0	20.4	17.5	37.9	0.4			1.2	267	19
08/01/24 08:00											
08/01/24 09:00											
08/01/24 10:00											
08/01/24 11:00											
08/01/24 12:00	-1	17.0	0.4	1.4	1.8	0.2			4.7	249	6
08/01/24 13:00	0	17.0	0.9	0.7	1.6	0.3			4.6	249	6
08/01/24 14:00	6	19.0	0.7	1.2	1.9	0.2			4.9	248	7
08/01/24 15:00	8	28.0	1.2	0.8	2.0	0.3			4.8	245	9
08/01/24 16:00	8	26.0	7.8	3.4	11.2	0.3			4.9	240	11

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
08/01/24 17:00	7	23.0	8.8	2.6	11.4	0.4			5.7	246	5
08/01/24 18:00	6	8.0	0.7	2.6	3.4	0.3			3.8	235	10
08/01/24 19:00	4	11.0	0.5	2.4	2.9	0.3			1.5	195	27
08/01/24 20:00	3	6.0	0.2	1.4	1.6	0.1			1.9	152	28
08/01/24 21:00	3	2.0	0.1	1.7	1.8	0.3			2.1	150	24
08/01/24 22:00	4	4.0	0.1	1.6	1.7	0.2			2.2	154	27
08/01/24 23:00	4	6.0	0.0	1.3	1.2	0.3			2.2	152	21
09/01/24 00:00	1	8.0	0.0	1.0	1.0	0.2			2.1	154	28
09/01/24 01:00	1	13.0	0.0	1.5	1.5	0.0			1.0	147	39
09/01/24 02:00	3	10.0							1.4	156	33
09/01/24 03:00											
09/01/24 04:00											
09/01/24 05:00											
09/01/24 06:00											
09/01/24 07:00											
09/01/24 08:00											
09/01/24 09:00			6.1	5.2	11.3	0.5			1.2	172	25
09/01/24 10:00			11.9	7.7	19.6	0.6			2.6	198	11
09/01/24 11:00			3.7	4.5	8.2	0.6			2.8	187	14
09/01/24 12:00	11	24.0	9.2	7.1	16.3	0.7			4.1	195	9
09/01/24 13:00	10	21.0	1.8	2.4	4.2	0.6			4.9	197	8
09/01/24 14:00	12	18.0	1.1	1.8	3.0	0.8			6.6	207	4
09/01/24 15:00	9	23.0	0.7	1.5	2.1	0.7			7.2	208	4
09/01/24 16:00	12	24.0	0.4	1.6	2.0	0.7			6.8	207	4
09/01/24 17:00	12	27.0	1.2	3.4	4.7	0.6			6.4	205	4
09/01/24 18:00	8	27.0	1.8	4.2	6.0	0.7			5.9	202	5
09/01/24 19:00	8	25.0	1.2	5.9	7.1	0.5			5.3	204	4
09/01/24 20:00	8	25.0	0.5	5.2	5.8	0.4			5.6	225	5
09/01/24 21:00	10	23.0	0.1	6.0	6.1	0.2			6.5	229	4
09/01/24 22:00	8	23.0	0.3	5.1	5.4	0.2			5.5	214	4
09/01/24 23:00	7	32.0	0.4	5.9	6.3	0.0			3.2	198	11
10/01/24 00:00	7	21.0	0.0	2.2	2.2	0.2			0.7	221	18
10/01/24 01:00	9	34.0	1.4	14.9	16.2	0.4			2.0	301	13
10/01/24 02:00	9	26.0							1.7	308	12
10/01/24 03:00	10	32.0	7.7	19.5	27.2	0.3			0.8	338	21
10/01/24 04:00	7	27.0	10.6	17.9	28.5	0.4			0.6	0	23
10/01/24 05:00	20	33.0	5.2	15.1	20.4	0.5			0.4	32	18
10/01/24 06:00	18	29.0	16.2	17.4	33.6	0.6			0.7	44	15
10/01/24 07:00	18	27.0	25.1	16.3	41.4	0.9			0.7	80	21
10/01/24 08:00	13	32.0	25.2	16.1	41.3	0.9			0.5	162	34
10/01/24 09:00	17	35.0							1.1	208	23
10/01/24 10:00	16	33.0							5.0	208	12
10/01/24 11:00	12	26.0	1.1	3.8	4.9	0.5			9.4	221	5
10/01/24 12:00	17	22.0	10.3	5.7	16.0	0.5			6.5	208	7
10/01/24 13:00	10	28.0	19.1	8.8	27.9	1.0			4.6	196	8
10/01/24 14:00	12	24.0	25.0	9.9	35.0	2.6			4.1	190	12

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
10/01/24 15:00	10	18.0	11.1	6.4	17.5	2.4			3.8	183	16
10/01/24 16:00	7	20.0	6.0	4.5	10.5	1.2			3.3	180	17
10/01/24 17:00	5	20.0	10.1	4.0	14.1	0.9			2.9	180	19
10/01/24 18:00	11	23.0	18.7	6.8	25.5	1.5			4.9	195	10
10/01/24 19:00	8	21.0	5.5	2.9	8.4	0.4			4.7	193	10
10/01/24 20:00	6	18.0	4.3	2.6	6.9	0.1			4.9	192	10
10/01/24 21:00	5	20.0	0.7	1.3	2.0	-0.2			4.2	188	13
10/01/24 22:00	8	17.0	0.1	1.6	1.7	-0.2			2.6	158	17
10/01/24 23:00	7	25.0	0.1	2.2	2.3	-0.2			3.2	103	8
11/01/24 00:00	6	18.0	0.0	1.9	1.9	-0.2			2.6	98	9
11/01/24 01:00	3	21.0	0.1	1.5	1.6				2.8	103	9
11/01/24 02:00	5	11.0							2.4	110	11
11/01/24 03:00	6	16.0	0.0	1.6	1.6	0.5			1.8	124	18
11/01/24 04:00	8	21.0	0.1	1.8	1.8	0.3			1.7	102	13
11/01/24 05:00	6	11.0	0.1	1.7	1.8	0.3			2.6	102	9
11/01/24 06:00	5	17.0	0.8	4.4	5.2	0.2			2.7	102	9
11/01/24 07:00	7	17.0	2.2	6.3	8.6	0.3			2.3	100	10
11/01/24 08:00	7	11.0	8.8	5.8	14.7	0.4			2.6	112	11
11/01/24 09:00	5	16.0	9.3	5.6	14.9	0.4			1.8	151	19
11/01/24 10:00	4	14.0	12.6	6.4	19.0	0.5			2.8	200	13
11/01/24 11:00	9	16.0	16.3	10.9	27.2	0.6			3.5	202	9
11/01/24 12:00	9	17.0	23.2	12.0	35.2	0.8			4.0	198	11
11/01/24 13:00	14	18.0	51.0	15.2	66.2	1.5			4.9	202	11
11/01/24 14:00	17	27.0	86.9	22.3	109.1	3.4			5.2	201	10
11/01/24 15:00	15	26.0	96.3	18.2	114.4	4.2			6.5	205	9
11/01/24 16:00	26	36.0	146.7	18.7	165.4	7.3			7.5	198	7
11/01/24 17:00	5	13.0	0.7	1.1	1.8	1.4			6.7	196	8
11/01/24 18:00	6	14.0	0.9	1.1	2.0	1.0			6.9	198	7
11/01/24 19:00	5	18.0	0.2	0.9	1.1	0.9			4.1	185	15
11/01/24 20:00	6	15.0	-0.1	0.9	0.9	0.5			3.2	177	19
11/01/24 21:00	6	17.0	0.0	1.5	1.6	0.4			3.0	144	19
11/01/24 22:00	7	15.0	0.0	1.3	1.3	0.4			2.6	147	22
11/01/24 23:00	6	12.0	-0.1	1.0	0.9	0.4			1.8	156	24
12/01/24 00:00	5	15.0	-0.1	1.1	1.1	0.3			2.2	194	14
12/01/24 01:00	3	12.0	0.2	1.5	1.7	0.2			2.6	198	10
12/01/24 02:00	21	31.0							1.6	153	19
12/01/24 03:00	5	12.0	0.8	3.1	3.9	0.3			0.9	166	21
12/01/24 04:00	5	14.0	0.4	4.9	5.2	0.3			0.4	187	25
12/01/24 05:00	6	17.0	9.8	12.8	22.6	0.8			1.7	280	13
12/01/24 06:00	8	27.0	8.3	12.6	20.8	0.9			1.2	305	23
12/01/24 07:00	14	25.0	19.3	12.9	32.2	1.0			0.8	320	28
12/01/24 08:00	11	31.0	13.8	9.7	23.4	1.1			1.2	359	23
12/01/24 09:00	17	25.0	13.0	10.0	23.0	1.0			0.5	323	32
12/01/24 10:00	11	30.0	19.2	13.7	33.0	0.8			1.2	153	24
12/01/24 11:00	10	23.0	11.5	11.5	23.0	0.7			1.8	175	22
12/01/24 12:00	9	26.0	9.3	11.1	20.4	0.5			2.0	183	23

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
12/01/24 13:00	18	25.0	7.3	12.2	19.5	0.4			3.3	189	14
12/01/24 14:00	14	28.0	5.3	11.3	16.5	0.4			2.7	189	16
12/01/24 15:00	14	31.0	1.7	5.8	7.6	0.4			1.9	152	20
12/01/24 16:00	12	30.0	0.8	3.8	4.6	0.2			1.8	161	20
12/01/24 17:00	10	30.0	0.5	3.6	4.1	0.2			1.9	150	22
12/01/24 18:00	12	34.0	4.9	11.8	16.8	0.4			3.7	194	13
12/01/24 19:00	10	33.0	0.3	4.0	4.4	0.3			4.7	194	10
12/01/24 20:00	10	23.0	0.3	2.5	2.8	0.1			3.9	204	6
12/01/24 21:00	15	19.0	2.3	5.9	8.3	0.1			4.3	230	4
12/01/24 22:00	13	19.0	0.0	1.7	1.7	0.2			2.6	223	6
12/01/24 23:00	10	23.0	0.0	3.2	3.2	0.2			3.6	237	8
13/01/24 00:00	13	21.0	4.8	15.1	19.9	0.3			4.1	236	7
13/01/24 01:00	11	29.0	0.9	12.7	13.6				1.5	243	13
13/01/24 02:00	14	15.0							2.5	240	13
13/01/24 03:00	12	10.0	0.2	2.5	2.7	0.5			4.7	216	6
13/01/24 04:00	11	15.0	0.0	2.0	2.0	0.2			6.5	202	6
13/01/24 05:00	14	19.0	0.3	1.9	2.1	0.1			5.4	194	8
13/01/24 06:00	11	32.0	0.1	1.4	1.5	0.1			2.7	129	11
13/01/24 07:00	16	24.0	0.3	1.5	1.8	0.1			2.5	132	17
13/01/24 08:00	17	24.0	0.1	0.7	0.9	0.1			2.7	150	21
13/01/24 09:00	14	20.0	0.9	1.4	2.3	0.0			2.8	173	20
13/01/24 10:00	10	18.0	1.1	1.7	2.9	-0.1			3.1	181	17
13/01/24 11:00	10	21.0	9.8	5.1	14.9	0.0			4.1	191	12
13/01/24 12:00	13	24.0	20.7	7.2	27.9	0.1			4.7	193	10
13/01/24 13:00	13	22.0	14.3	5.4	19.7	0.1			4.7	191	11
13/01/24 14:00	8	22.0	0.7	0.8	1.5	0.0			3.9	187	14
13/01/24 15:00	7	20.0	0.7	0.9	1.6	-0.1			4.6	187	12
13/01/24 16:00	8	23.0	0.8	0.9	1.7	-0.1			4.8	189	11
13/01/24 17:00	10	27.0	9.4	4.0	13.5	-0.1			5.0	190	11
13/01/24 18:00	8	27.0	1.1	2.2	3.3	-0.1			5.1	188	11
13/01/24 19:00	7	35.0	0.2	0.9	1.1	-0.1			4.6	183	14
13/01/24 20:00	10	30.0	0.0	0.7	0.7	-0.1			3.3	169	22
13/01/24 21:00	9	32.0	0.2	0.5	0.7	-0.2			3.3	175	21
13/01/24 22:00	9	34.0	0.4	0.5	0.9	-0.1			3.1	175	21
13/01/24 23:00	11	31.0	0.0	0.5	0.5	-0.1			3.0	174	19
14/01/24 00:00	8	36.0	0.0	0.5	0.6	0.0			3.9	185	14
14/01/24 01:00	7	34.0	0.1	0.5	0.6	0.0			4.1	184	15
14/01/24 02:00	8	31.0							3.4	179	18
14/01/24 03:00	9	33.0	0.0	0.3	0.4	0.1			3.4	182	17
14/01/24 04:00	9	28.0	0.0	0.6	0.6	0.2			3.4	183	16
14/01/24 05:00	8	30.0	0.1	1.5	1.6	0.2			3.3	185	15
14/01/24 06:00	9	29.0	-0.1	0.7	0.7	0.2			3.1	182	16
14/01/24 07:00	8	24.0	0.1	0.5	0.6	0.2			2.8	182	18
14/01/24 08:00	9	26.0	0.0	0.6	0.6	0.2			2.8	180	19
14/01/24 09:00	7	26.0	0.0	0.6	0.6	0.3			2.4	167	20
14/01/24 10:00	6	26.0	0.3	0.9	1.2	0.2			3.3	190	13

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
14/01/24 11:00	8	20.0	0.6	1.2	1.8	0.4			4.6	199	8
14/01/24 12:00	9	24.0	0.2	0.8	1.1	0.4			6.3	203	6
14/01/24 13:00	8	23.0	0.0	0.8	0.8	0.4			7.5	208	5
14/01/24 14:00	5	21.0	0.1	0.8	0.9	0.4			8.9	208	5
14/01/24 15:00	7	20.0	0.1	0.7	0.8	0.4			9.1	201	5
14/01/24 16:00	12	26.0	0.2	0.9	1.1	0.4			7.1	194	9
14/01/24 17:00	7	21.0	0.2	0.7	0.9	0.4			5.3	191	10
14/01/24 18:00	5	22.0	0.0	0.6	0.6	0.5			5.2	194	9
14/01/24 19:00	7	23.0	1.4	1.6	3.0	0.4			4.8	187	11
14/01/24 20:00	10	13.0	0.1	2.0	2.2	0.4			4.3	122	16
14/01/24 21:00	7	18.0	-0.1	1.8	1.7	0.3			5.1	115	14
14/01/24 22:00	3	19.0	0.1	2.1	2.3	0.2			4.6	118	14
14/01/24 23:00	4	21.0	0.0	3.5	3.5	0.2			3.9	114	14
15/01/24 00:00	8	27.0	0.2	4.8	4.9	0.3			3.8	108	10
15/01/24 01:00	7	19.0	0.1	2.2	2.2	0.3			3.8	100	9
15/01/24 02:00	8	15.0							2.6	90	12
15/01/24 03:00	5	15.0	0.3	2.0	2.3	0.0			1.7	88	14
15/01/24 04:00	5	23.0	0.0	3.1	3.1	-0.1			1.5	90	12
15/01/24 05:00	4	15.0	0.1	3.3	3.4	-0.1			0.4	21	17
15/01/24 06:00	8	23.0	17.4	13.3	30.6	0.0			0.8	315	14
15/01/24 07:00	12	35.0	42.3	15.5	57.8	0.3			0.9	281	16
15/01/24 08:00	11	27.0	31.3	14.2	45.5	0.9			1.0	279	24
15/01/24 09:00	12	27.0	24.6	14.4	39.1	0.9			1.7	225	8
15/01/24 10:00	15	28.0	30.0	15.6	45.7	0.8			1.7	208	7
15/01/24 11:00	10	32.0	37.0	18.5	55.5	1.5			1.4	190	19
15/01/24 12:00	13	31.0	31.1	18.8	49.8	1.8			2.3	201	11
15/01/24 13:00	13	23.0	30.7	18.4	49.1	3.5			2.6	190	15
15/01/24 14:00	12	26.0	37.6	20.6	58.2	5.5			2.5	183	18
15/01/24 15:00	19	42.0	81.2	22.9	104.1	10.9			3.1	186	13
15/01/24 16:00	16	29.0	62.8	18.3	81.1	10.5			4.4	192	11
15/01/24 17:00	7	31.0	7.1	4.3	11.4	2.8			4.2	157	17
15/01/24 18:00	6	24.0	0.7	2.3	3.0	0.5			4.1	133	18
15/01/24 19:00	6	29.0	0.5	1.9	2.4	0.2			4.4	116	13
15/01/24 20:00	5	33.0	0.3	2.2	2.5	0.0			5.6	105	8
15/01/24 21:00	7	29.0	0.1	3.4	3.4	-0.1			3.1	110	9
15/01/24 22:00	8	25.0	0.2	3.9	4.1	-0.1			2.3	107	9
15/01/24 23:00	5	23.0	0.0	5.4	5.4	-0.1			1.2	107	12
16/01/24 00:00	4	25.0	0.2	7.2	7.4	0.0			1.2	101	16
16/01/24 01:00	6	12.0	0.0	5.3	5.3	0.0			1.5	66	19
16/01/24 02:00	7	25.0							1.0	288	20
16/01/24 03:00	6	30.0	5.1	11.2	16.4	0.1			2.3	323	25
16/01/24 04:00	7	20.0	0.2	4.7	4.9	0.1			2.5	358	27
16/01/24 05:00	3	8.0	0.4	5.1	5.5	0.0			2.7	12	20
16/01/24 06:00	0	16.0	1.4	8.5	9.8	0.0			3.7	7	18
16/01/24 07:00	2	24.0	4.3	9.0	13.3	0.0			3.5	9	20
16/01/24 08:00	5	33.0	6.5	7.9	14.3	0.0			3.8	10	20

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
16/01/24 09:00	6	43.0	5.3	5.8	11.1	-0.1			4.3	14	20
16/01/24 10:00	3	28.0	3.4	5.0	8.4	-0.1			4.1	13	22
16/01/24 11:00	5	33.0	2.9	4.9	7.8	0.0			4.1	4	25
16/01/24 12:00	6	30.0	2.4	4.8	7.2	0.0			3.5	356	29
16/01/24 13:00	4	27.0	2.3	4.9	7.2	0.1			4.0	8	24
16/01/24 14:00	5	26.0	2.1	4.7	6.8	0.2			4.4	21	20
16/01/24 15:00	6	26.0	1.8	4.8	6.6	0.2			4.1	17	23
16/01/24 16:00	6	20.0	1.5	4.8	6.3	0.0			3.6	14	27
16/01/24 17:00	4	15.0	1.2	4.6	5.8	0.1			3.3	354	26
16/01/24 18:00	7	24.0	0.9	4.7	5.6	0.2			3.2	332	28
16/01/24 19:00	5	23.0	0.8	5.4	6.3	0.1			2.7	359	29
16/01/24 20:00	7	24.0	0.8	6.5	7.3	0.1			3.1	1	26
16/01/24 21:00	7	12.0	0.4	7.4	7.8	0.0			2.9	1	26
16/01/24 22:00	6	17.0	0.2	7.7	7.9	0.0			2.8	352	27
16/01/24 23:00	6	17.0	0.0	6.4	6.4	0.1			2.5	352	28
17/01/24 00:00	4	13.0	0.1	4.4	4.4	0.0			3.7	11	19
17/01/24 01:00	6	15.0	0.1	5.5	5.6	0.1			3.1	357	25
17/01/24 02:00	5	16.0							3.8	4	24
17/01/24 03:00	4	18.0	0.1	4.4	4.5	0.3			4.5	7	20
17/01/24 04:00	3	14.0	0.1	3.8	3.9	0.2			4.4	3	21
17/01/24 05:00	0	14.0	0.3	5.4	5.7	0.2			4.3	7	23
17/01/24 06:00	3	12.0	0.3	7.2	7.5	0.3			4.3	9	20
17/01/24 07:00	5	15.0	0.8	11.3	12.2	0.4			2.8	316	20
17/01/24 08:00	4	16.0	0.9	8.3	9.2	0.2			3.4	251	10
17/01/24 09:00	5	20.0	2.7	13.5	16.2	0.3			3.2	255	8
17/01/24 10:00	2	13.0	2.2	6.2	8.4	0.3			4.4	234	8
17/01/24 11:00	6	10.0	0.6	1.9	2.5	0.4			5.7	237	7
17/01/24 12:00	7	11.0	0.9	2.4	3.3	0.3			6.0	237	7
17/01/24 13:00	6	12.0	2.7	3.2	5.9	0.5			3.9	222	9
17/01/24 14:00	7	20.0	1.0	1.6	2.6	0.7			2.7	185	17
17/01/24 15:00	8	29.0	0.5	0.9	1.4	0.5			3.6	187	15
17/01/24 16:00	10	31.0	0.3	0.8	1.1	0.4			3.8	188	12
17/01/24 17:00	7	27.0	0.7	0.9	1.6	0.3			2.0	169	24
17/01/24 18:00	6	31.0	0.8	1.5	2.3	0.3			2.3	178	18
17/01/24 19:00	8	22.0	0.3	2.2	2.5	0.3			3.4	217	15
17/01/24 20:00	7	15.0	0.5	3.4	3.9	0.3			5.1	248	9
17/01/24 21:00	8	14.0	0.8	7.5	8.3	0.3			4.9	261	9
17/01/24 22:00	6	11.0	1.7	7.9	9.7	0.3			7.1	259	7
17/01/24 23:00	4	15.0	1.2	7.5	8.7	0.2			6.9	261	8
18/01/24 00:00	8	11.0	0.9	5.4	6.3	0.1			6.8	266	7
18/01/24 01:00	6	16.0	1.6	9.6	11.3	0.2			3.3	279	15
18/01/24 02:00	10	15.0							3.0	286	16
18/01/24 03:00	10	17.0	1.7	8.1	9.8				2.3	292	18
18/01/24 04:00	8	20.0	2.3	10.8	13.1	0.4			2.4	293	18
18/01/24 05:00	11	25.0	5.4	13.5	18.9	0.4			2.5	292	16
18/01/24 06:00	14	25.0	15.5	16.3	31.8	0.5			2.8	294	15

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
18/01/24 07:00	12	27.0	24.1	14.2	38.3	1.0			4.2	286	16
18/01/24 08:00	8	15.0	5.8	4.7	10.6	0.7			6.2	279	13
18/01/24 09:00	5	17.0	2.8	2.9	5.6	0.2			8.8	266	8
18/01/24 10:00	2	12.0	1.7	2.9	4.6	0.1			7.9	268	10
18/01/24 11:00	3	10.0	1.9	2.9	4.8	0.1			8.5	270	10
18/01/24 12:00	6	12.0	1.7	2.6	4.3	0.1			8.7	267	10
18/01/24 13:00	4	17.0	2.0	3.1	5.1	0.0			9.3	267	9
18/01/24 14:00	2	14.0	2.0	3.3	5.4	0.1			9.8	259	9
18/01/24 15:00	6	15.0	1.8	2.8	4.6	0.2			10.0	256	9
18/01/24 16:00	8	24.0	1.7	2.8	4.5	0.3			10.1	246	9
18/01/24 17:00	13	32.0	1.5	2.5	4.0	0.2			10.3	248	8
18/01/24 18:00	17	37.0	1.6	2.6	4.1	0.2			10.4	247	9
18/01/24 19:00	13	31.0	1.2	3.0	4.2	0.2			10.1	257	8
18/01/24 20:00	7	25.0	0.8	2.9	3.7	0.1			9.1	258	7
18/01/24 21:00	13	14.0	1.3	4.5	5.7	0.3			7.1	257	8
18/01/24 22:00	9	14.0	0.8	4.3	5.1	0.3			6.6	262	8
18/01/24 23:00	6	19.0	1.2	4.4	5.6	0.4			7.9	254	7
19/01/24 00:00	9	19.0	0.7	3.8	4.5	0.3			6.9	256	8
19/01/24 01:00	9	21.0	0.7	4.2	4.9	0.2			6.4	257	8
19/01/24 02:00	9	20.0							6.0	254	8
19/01/24 03:00	7	21.0	0.8	4.2	5.0	0.1			5.8	258	9
19/01/24 04:00	9	18.0	0.2	2.8	3.0	0.1			6.9	263	7
19/01/24 05:00	8	12.0	0.9	4.4	5.3	0.1			7.1	268	8
19/01/24 06:00	4	11.0	2.1	7.6	9.6	0.2			6.6	259	7
19/01/24 07:00	3	12.0	4.0	9.1	13.1	0.2			5.2	260	9
19/01/24 08:00	4	11.0	3.0	5.8	8.8	0.3			5.1	250	8
19/01/24 09:00	3	8.0	1.7	3.4	5.1	0.4			4.3	240	9
19/01/24 10:00	4	8.0	1.0	1.6	2.6	0.2			4.5	245	9
19/01/24 11:00	5	7.0	2.0	3.4	5.4	0.2			4.2	249	11
19/01/24 12:00	3	9.0	1.1	2.4	3.5	0.2			4.9	241	8
19/01/24 13:00	3	8.0	0.5	1.4	1.9	0.1			3.8	219	9
19/01/24 14:00	1	13.0	1.4	1.5	2.9	0.2			2.2	173	19
19/01/24 15:00	1	9.0	0.3	0.8	1.1	0.2			2.0	177	22
19/01/24 16:00	1	10.0	0.0	0.7	0.7	0.1			1.8	161	25
19/01/24 17:00	3	15.0	0.5	1.1	1.7	0.2			2.4	186	16
19/01/24 18:00	6	16.0	0.4	1.2	1.6	0.2			2.4	181	16
19/01/24 19:00	7	21.0	3.1	9.4	12.5	0.0			2.8	192	12
19/01/24 20:00	8	19.0	1.6	9.7	11.3	0.2			2.0	185	15
19/01/24 21:00	5	18.0	0.2	4.2	4.4	0.2			1.9	177	19
19/01/24 22:00	5	21.0	0.7	3.1	3.9	0.2			1.6	127	15
19/01/24 23:00	7	29.0	0.6	10.0	10.6	0.3			2.3	90	9
20/01/24 00:00	7	12.0	1.0	8.0	9.0	0.4			1.1	86	14
20/01/24 01:00	5	20.0	0.2	8.3	8.5	0.4			1.4	90	10
20/01/24 02:00	6	19.0							0.5	327	27
20/01/24 03:00	7	20.0	1.7	11.7	13.5	0.4			0.9	45	13
20/01/24 04:00	8	23.0	10.4	12.6	23.0	0.5			0.6	13	21

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
20/01/24 05:00	9	12.0	2.2	9.5	11.7	0.4			1.3	58	14
20/01/24 06:00	6	15.0	1.8	7.9	9.7	0.5			1.7	65	13
20/01/24 07:00	6	14.0	6.5	8.1	14.6	0.4			2.0	56	13
20/01/24 08:00	7	18.0	11.8	9.7	21.6	0.5			1.8	59	14
20/01/24 09:00	9	17.0	17.3	10.6	27.8	0.6			1.0	72	20
20/01/24 10:00	8	29.0	18.0	13.3	31.3	0.7			1.8	14	24
20/01/24 11:00	6	18.0	7.2	9.3	16.5	0.6			2.8	3	24
20/01/24 12:00	4	15.0	2.8	5.9	8.7	0.4			3.2	8	23
20/01/24 13:00	3	17.0	2.1	4.7	6.8	0.3			3.2	10	25
20/01/24 14:00	8	12.0	2.1	5.1	7.1	0.3			3.2	8	23
20/01/24 15:00	5	12.0	1.4	4.4	5.8	0.4			2.5	345	30
20/01/24 16:00	3	13.0	1.2	3.6	4.8	0.3			3.2	11	23
20/01/24 17:00	2	13.0	1.2	3.7	4.9	0.3			3.5	14	22
20/01/24 18:00	5	22.0	0.9	3.5	4.3	0.3			3.7	12	20
20/01/24 19:00	5	19.0	0.7	4.0	4.8	0.1			3.8	24	16
20/01/24 20:00	6	21.0	1.1	6.0	7.1	0.0			3.4	27	16
20/01/24 21:00	8	18.0	1.1	7.3	8.4	-0.1			3.2	24	17
20/01/24 22:00	6	19.0	1.2	6.8	8.0	0.1			2.9	15	18
20/01/24 23:00	6	17.0	1.0	15.0	16.0	0.3			1.0	272	19
21/01/24 00:00	7	16.0	0.2	14.4	14.6	0.8			1.7	260	18
21/01/24 01:00	6	17.0	0.1	9.3	9.4	1.2			3.8	251	9
21/01/24 02:00	7	14.0							3.7	247	8
21/01/24 03:00	8	20.0	0.3	7.2	7.5	0.8			4.6	241	7
21/01/24 04:00	12	23.0	0.2	2.9	3.2	0.2			5.7	239	6
21/01/24 05:00	10	18.0	0.6	5.4	6.0	0.3			4.3	252	8
21/01/24 06:00	8	17.0	0.8	5.3	6.1	0.3			4.2	254	8
21/01/24 07:00	10	20.0	4.5	11.6	16.0	0.6			2.9	261	12
21/01/24 08:00	9	19.0	1.9	4.5	6.5	0.7			4.8	252	8
21/01/24 09:00	10	19.0	0.7	1.6	2.4	0.7			5.0	241	8
21/01/24 10:00	8	22.0	0.2	1.1	1.3	0.8			4.6	228	8
21/01/24 11:00	7	22.0	0.3	0.9	1.1	0.7			7.7	223	6
21/01/24 12:00	8	16.0	0.3	0.6	0.9	0.3			8.6	224	5
21/01/24 13:00	10	18.0	0.3	0.5	0.8	0.3			6.7	214	6
21/01/24 14:00	8	27.0	38.9	8.6	47.5	0.6			6.6	195	7
21/01/24 15:00	11	20.0	39.1	8.8	47.9	1.0			7.2	194	6
21/01/24 16:00	8	25.0	16.3	4.8	21.1	0.7			7.4	196	6
21/01/24 17:00	7	19.0	3.3	2.0	5.4	0.5			7.3	197	6
21/01/24 18:00	9	23.0	1.0	1.2	2.3	0.4			7.9	198	6
21/01/24 19:00	7	21.0	58.3	9.3	67.6	1.0			7.1	195	7
21/01/24 20:00	6	17.0	19.1	3.6	22.8	0.5			7.3	195	7
21/01/24 21:00	6	20.0	23.2	7.6	30.8	0.7			7.3	195	7
21/01/24 22:00	7	15.0	31.6	6.3	38.0	0.7			7.6	196	6
21/01/24 23:00	8	18.0	23.0	5.6	28.6	0.5			6.8	196	7
22/01/24 00:00	7	16.0	10.4	4.9	15.3	0.6			6.2	195	7
22/01/24 01:00	4	18.0	20.2	3.6	23.8				6.5	195	7
22/01/24 02:00	4	12.0							5.9	196	7

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
22/01/24 03:00	4	19.0	62.9	16.2	79.1	0.6			5.2	192	9
22/01/24 04:00	6	29.0	53.8	10.8	64.6	0.6			4.5	189	12
22/01/24 05:00	5	18.0	38.5	9.3	47.8	0.5			3.8	181	18
22/01/24 06:00	8	29.0	44.3	11.1	55.4	0.5			3.5	182	18
22/01/24 07:00	6	33.0	53.7	12.5	66.2	0.8			3.4	181	19
22/01/24 08:00	12	41.0	50.7	16.6	67.4	0.7			3.4	188	17
22/01/24 09:00	12	36.0	48.3	13.2	61.6	0.7			3.3	186	18
22/01/24 10:00	8	24.0	17.8	6.1	23.9	0.4			3.3	158	22
22/01/24 11:00	8	25.0	24.0	6.9	30.9	0.4			2.7	176	24
22/01/24 12:00	7	23.0	43.4	9.1	52.6	0.8			3.5	193	15
22/01/24 13:00	6	22.0	27.8	9.2	36.9	0.6			4.2	197	10
22/01/24 14:00	5	13.0	21.4	7.1	28.5	0.7			4.4	197	10
22/01/24 15:00	5	17.0	15.2	6.5	21.7	0.9			4.4	196	11
22/01/24 16:00	6	33.0	45.2	11.0	56.2	1.0			4.7	198	10
22/01/24 17:00	5	24.0	26.7	9.3	36.0	0.7			6.4	196	6
22/01/24 18:00	4	22.0	36.2	9.1	45.3	0.4			4.8	192	10
22/01/24 19:00	7	19.0	63.2	12.8	76.0	0.8			3.3	179	19
22/01/24 20:00	6	19.0	0.1	0.8	0.9	0.1			3.5	151	22
22/01/24 21:00	6	19.0	0.1	0.9	1.0	0.1			2.9	138	20
22/01/24 22:00	5	14.0	0.1	1.0	1.1	0.0			3.1	130	15
22/01/24 23:00	5	9.0	0.2	0.9	1.1	0.0			2.9	139	18
23/01/24 00:00	7	14.0	0.0	0.7	0.7	0.0			2.6	145	21
23/01/24 01:00	5	13.0	-0.1	0.9	0.8				2.8	144	20
23/01/24 02:00	3	9.0							2.3	135	20
23/01/24 03:00	4	12.0	0.1	3.4	3.5	0.5			1.4	107	18
23/01/24 04:00	5	17.0	1.3	6.5	7.8	0.6			0.9	61	18
23/01/24 05:00	7	26.0	8.1	13.4	21.5	0.6			0.9	338	25
23/01/24 06:00	13	34.0	24.3	14.2	38.6	0.9			0.9	357	18
23/01/24 07:00	12	27.0	23.3	12.9	36.3	1.1			0.8	328	28
23/01/24 08:00	10	22.0	17.0	11.1	28.1	1.0			0.6	281	30
23/01/24 09:00	8	29.0	23.5	13.5	37.1	1.3			0.2	351	42
23/01/24 10:00	8	32.0	25.4	14.3	39.7	1.1			1.5	156	20
23/01/24 11:00	8	29.0	15.9	13.8	29.7	1.0			0.6	89	37
23/01/24 12:00	6	35.0	8.4	11.4	19.7	0.9			1.1	179	28
23/01/24 13:00	6	32.0	5.0	8.8	13.8	0.8			2.5	182	18
23/01/24 14:00	9	28.0	2.7	7.1	9.9	0.6			2.4	175	21
23/01/24 15:00	7	28.0	1.2	6.3	7.5	0.5			2.1	176	20
23/01/24 16:00	8	25.0	1.1	3.6	4.7	0.5			2.3	174	18
23/01/24 17:00	10	35.0	0.7	4.8	5.4	0.5			2.3	177	17
23/01/24 18:00	9	39.0	0.8	5.0	5.8	0.6			1.6	156	22
23/01/24 19:00	9	30.0	0.8	7.3	8.1	0.6			1.3	4	33
23/01/24 20:00	8	23.0	0.7	9.0	9.7	0.6			1.9	16	23
23/01/24 21:00	8	27.0	0.6	11.1	11.7	0.6			1.5	2	24
23/01/24 22:00	6	23.0	0.5	18.1	18.6	0.6			1.6	0	23
23/01/24 23:00	14	32.0	0.7	15.8	16.5	0.8			2.5	9	17
24/01/24 00:00	8	27.0	0.2	10.3	10.5	0.6			3.0	17	18

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
24/01/24 01:00	5	36.0	0.2	7.2	7.3	0.6			3.5	16	17
24/01/24 02:00	5	39.0							4.2	6	19
24/01/24 03:00	5	41.0	0.1	6.1	6.1	0.5			3.5	0	24
24/01/24 04:00	7	59.0	0.1	5.1	5.2	0.5			4.3	1	23
24/01/24 05:00	10	44.0	0.3	7.8	8.1	0.4			3.8	347	25
24/01/24 06:00	9	27.0	0.7	14.0	14.7	0.5			3.5	346	25
24/01/24 07:00	7	29.0	1.7	17.2	18.9	0.5			2.4	329	28
24/01/24 08:00	15	38.0	24.8	22.4	47.2	1.1			1.7	232	19
24/01/24 09:00	5	26.0	6.6	8.2	14.8	1.6			3.4	210	11
24/01/24 10:00	4	20.0	1.2	2.9	4.0	1.0			1.5	123	19
24/01/24 11:00	6	27.0	1.5	3.7	5.2	0.7			1.7	120	11
24/01/24 12:00	7	25.0	2.2	6.9	9.1	0.8			1.8	163	19
24/01/24 13:00	18	33.0	49.2	18.3	67.5	3.0			4.7	197	10
24/01/24 14:00	17	40.0	1.5	2.3	3.7	0.8			2.9	176	21
24/01/24 15:00	13	49.0	0.9	2.1	2.9	0.6			3.1	184	16
24/01/24 16:00	14	46.0	1.8	1.9	3.7	0.6			2.8	173	22
24/01/24 17:00	11	41.0	1.5	2.6	4.2	0.6			2.9	174	22
24/01/24 18:00	9	43.0	2.4	2.9	5.3	0.6			3.3	191	14
24/01/24 19:00	9	30.0	2.7	4.5	7.3	0.5			3.2	189	14
24/01/24 20:00	6	23.0	1.5	3.2	4.7	0.4			3.4	193	13
24/01/24 21:00	11	21.0	2.0	8.1	10.2	0.5			2.6	189	16
24/01/24 22:00	11	24.0	0.8	1.8	2.6	0.5			2.8	188	15
24/01/24 23:00	9	25.0	0.2	4.9	5.0	0.5			2.2	119	17
25/01/24 00:00	7	18.0	0.0	2.6	2.5	0.4			1.9	121	18
25/01/24 01:00	8	18.0	0.0	2.0	2.0	0.6			1.6	119	17
25/01/24 02:00	7	16.0							1.8	123	17
25/01/24 03:00	7	22.0	0.1	1.6	1.7	0.3			2.4	107	11
25/01/24 04:00	8	24.0	0.1	1.7	1.8	0.2			2.2	95	9
25/01/24 05:00	10	21.0	0.1	2.9	3.0	0.3			1.2	97	12
25/01/24 06:00	6	24.0	0.3	5.0	5.3	0.3			0.9	80	25
25/01/24 07:00	4	25.0	5.9	9.0	14.9	0.3			2.2	87	13
25/01/24 08:00	7	22.0	12.3	8.3	20.6	0.6			0.7	86	26
25/01/24 09:00	7	22.0	9.9	9.1	19.1	0.4			1.1	171	24
25/01/24 10:00	6	30.0	13.2	10.3	23.5	0.4			1.1	169	21
25/01/24 11:00	8	36.0	12.3	10.2	22.4	0.5			1.8	186	17
25/01/24 12:00	11	27.0	9.3	11.1	20.4	0.5			1.3	189	21
25/01/24 13:00	15	37.0	21.6	16.3	37.9	0.7			1.2	160	22
25/01/24 14:00	12	34.0	12.1	11.1	23.2	0.7			1.1	151	22
25/01/24 15:00	8	26.0	4.1	9.5	13.6	0.5			1.6	176	20
25/01/24 16:00	9	34.0	3.4	11.8	15.2	0.3			0.9	248	15
25/01/24 17:00	10	17.0	7.0	17.5	24.5	0.3			1.4	357	26
25/01/24 18:00	7	13.0	7.5	16.8	24.3	0.4			2.0	356	25
25/01/24 19:00	5	14.0	3.8	16.7	20.5	0.3			1.8	356	28
25/01/24 20:00	4	15.0	3.1	16.7	19.7	0.4			1.8	25	19
25/01/24 21:00	7	14.0	8.0	18.1	26.1	0.4			1.5	337	25
25/01/24 22:00	10	10.0	3.9	14.5	18.4	0.5			1.8	345	25

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
25/01/24 23:00	6	6.0	0.6	8.5	9.1	0.3			2.0	360	23
26/01/24 00:00	1	4.0	0.6	8.1	8.7	0.4			1.7	359	23
26/01/24 01:00	1	6.0	0.5	10.3	10.8	0.4			1.4	294	21
26/01/24 02:00	5	13.0							2.1	310	16
26/01/24 03:00	6	12.0	0.4	6.5	6.9	0.5			1.9	302	14
26/01/24 04:00	3	10.0	0.5	5.4	5.9	0.5			2.3	298	14
26/01/24 05:00	5	16.0	0.7	5.7	6.4	0.6			2.2	300	12
26/01/24 06:00	5	11.0	2.6	9.3	11.8	0.6			2.4	297	14
26/01/24 07:00	4	14.0	3.9	7.4	11.3	0.6			2.3	295	15
26/01/24 08:00	9	17.0	5.8	4.9	10.8	0.8			4.3	279	13
26/01/24 09:00	7	17.0	2.9	3.0	5.8	0.9			6.9	259	8
26/01/24 10:00	6	12.0	3.4	3.7	7.1	0.8			8.5	251	9
26/01/24 11:00	4	16.0	2.0	2.6	4.6	0.8			8.6	246	9
26/01/24 12:00	6	13.0	1.8	2.1	3.9	0.8			8.0	238	9
26/01/24 13:00	7	18.0	0.6	0.8	1.4	0.8			7.6	218	7
26/01/24 14:00	6	19.0	4.3	2.5	6.8	0.6			5.4	202	8
26/01/24 15:00	7	33.0	9.9	4.4	14.3	0.5			4.8	194	10
26/01/24 16:00	10	41.0	20.2	5.9	26.1	0.5			5.0	190	12
26/01/24 17:00	14	46.0	10.2	5.2	15.5	0.7			5.6	187	11
26/01/24 18:00	13	50.0	0.7	1.4	2.1	0.5			5.2	187	12
26/01/24 19:00	12	35.0	0.3	0.9	1.2	0.4			4.3	192	10
26/01/24 20:00	9	33.0	0.1	0.8	0.9	0.4			3.8	194	10
26/01/24 21:00	9	34.0	0.0	0.9	1.0	0.5			4.0	206	8
26/01/24 22:00	7	29.0	3.6	8.9	12.5	1.1			5.4	243	8
26/01/24 23:00	9	30.0	5.8	10.4	16.2	1.9			4.4	253	9
27/01/24 00:00	11	31.0	5.2	11.9	17.1	1.6			3.0	266	11
27/01/24 01:00	11	32.0	1.0	10.2	11.2	0.8			2.0	292	14
27/01/24 02:00	9	34.0							1.4	327	17
27/01/24 03:00	12	27.0	2.7	11.0	13.7	0.6			1.8	328	15
27/01/24 04:00	10	26.0	0.4	6.4	6.9	0.4			2.8	315	9
27/01/24 05:00	11	27.0	4.9	11.1	15.9	0.4			1.7	324	15
27/01/24 06:00	10	28.0	10.6	12.0	22.6	0.5			1.8	327	17
27/01/24 07:00	6	30.0	20.4	13.0	33.4	0.9			1.6	336	22
27/01/24 08:00	7	23.0	6.4	5.6	12.0	1.0			2.2	295	18
27/01/24 09:00	8	24.0	4.0	4.2	8.2	1.0			2.5	266	19
27/01/24 10:00	6	17.0	1.6	2.0	3.6	0.8			4.2	242	10
27/01/24 11:00	6	13.0	1.5	2.0	3.5	0.5			4.8	262	12
27/01/24 12:00	5	14.0	1.3	1.9	3.2	0.5			4.9	245	12
27/01/24 13:00	3	17.0	1.6	2.3	4.0	0.3			4.8	250	14
27/01/24 14:00	5	14.0	1.2	1.6	2.7	0.1			5.4	247	11
27/01/24 15:00	7	19.0	1.1	1.8	2.9	0.1			6.2	238	13
27/01/24 16:00	14	27.0	19.4	8.7	28.1	0.3			5.8	207	10
27/01/24 17:00	13	33.0	37.2	10.1	47.4	7.0			3.6	187	16
27/01/24 18:00	8	16.0	1.2	1.2	2.4	0.8			7.2	227	7
27/01/24 19:00	9	23.0	0.5	2.4	2.9	0.3			4.6	193	12
27/01/24 20:00	7	18.0	0.2	1.3	1.5	0.2			7.5	227	5

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
27/01/24 21:00	8	14.0	0.1	1.6	1.7	0.2			6.4	237	7
27/01/24 22:00	5	13.0	0.2	1.5	1.7	0.3			6.1	235	7
27/01/24 23:00	5	10.0	0.5	1.8	2.2	0.0			6.5	238	7
28/01/24 00:00	6	9.0	2.8	6.5	9.4	0.1			4.9	254	8
28/01/24 01:00	8	10.0	4.0	9.0	13.1	0.9			3.6	261	8
28/01/24 02:00	5	7.0							3.5	270	10
28/01/24 03:00	6	11.0	2.0	5.6	7.6	1.1			4.5	256	8
28/01/24 04:00	4	8.0	2.0	5.2	7.3	1.1			2.4	280	14
28/01/24 05:00	4	12.0	1.0	6.9	8.0	1.0			2.0	306	13
28/01/24 06:00	10	15.0	1.1	7.6	8.8	1.0			1.8	301	13
28/01/24 07:00	7	15.0	12.2	9.8	22.1	1.1			1.9	316	13
28/01/24 08:00	6	13.0	7.2	5.5	12.7	1.4			2.5	272	14
28/01/24 09:00	4	10.0	1.9	2.1	4.0	1.2			3.3	261	12
28/01/24 10:00	3	12.0	5.6	3.7	9.3	1.1			3.2	223	11
28/01/24 11:00	3	15.0	5.8	3.2	9.1	1.1			2.4	189	17
28/01/24 12:00	8	15.0	1.8	2.4	4.2	1.1			1.8	160	24
28/01/24 13:00	6	15.0	1.7	1.8	3.5	1.1			2.5	138	16
28/01/24 14:00	6	11.0	0.4	0.9	1.3	0.8			1.9	144	18
28/01/24 15:00	7	13.0	0.4	1.2	1.6	0.8			1.7	162	26
28/01/24 16:00	8	16.0	0.4	1.1	1.5	0.8			1.8	166	28
28/01/24 17:00	6	10.0	0.3	1.1	1.5	0.7			2.0	180	17
28/01/24 18:00	4	9.0	0.2	1.0	1.2	0.8			2.2	185	15
28/01/24 19:00	4	8.0	0.1	0.9	1.0	0.8			1.8	173	21
28/01/24 20:00	3	7.0	0.0	1.2	1.2	0.9			1.6	175	26
28/01/24 21:00	3	5.0	0.1	2.4	2.6	0.9			2.1	188	13
28/01/24 22:00	5	17.0	0.2	3.9	4.1	0.9			2.1	188	13
28/01/24 23:00	6	14.0	0.1	5.2	5.3	0.8			1.3	159	24
29/01/24 00:00	8	16.0	0.1	6.6	6.7	0.9			1.5	112	13
29/01/24 01:00	6	20.0	9.6	11.3	20.9				0.7	34	17
29/01/24 02:00	8	17.0							2.1	300	13
29/01/24 03:00	7	18.0	4.7	10.8	15.6	0.1			1.9	302	11
29/01/24 04:00	8	14.0	3.0	11.3	14.3	0.2			1.3	293	15
29/01/24 05:00	9	16.0	11.3	11.9	23.2	0.5			1.4	295	14
29/01/24 06:00	8	25.0	22.9	12.6	35.5	0.7			1.5	322	16
29/01/24 07:00	8	25.0	37.0	12.7	49.8	0.6			1.6	299	14
29/01/24 08:00	9	37.0	29.3	10.1	39.4	0.6			1.2	352	23
29/01/24 09:00	14	27.0	25.4	10.5	35.9	0.8			1.5	250	16
29/01/24 10:00	19	26.0	77.8	21.2	99.0	1.7			1.5	189	18
29/01/24 11:00	12	36.0	57.9	17.8	75.7	1.6			2.1	185	17
29/01/24 12:00	17	40.0	42.3	12.9	55.2	1.1			3.0	182	17
29/01/24 13:00	17	27.0	68.0	23.1	91.1	1.6			2.4	179	17
29/01/24 14:00	18	30.0	99.5	24.9	124.4	2.9			3.4	180	16
29/01/24 15:00	20	34.0	150.7	25.5	176.2	3.6			5.3	193	8
29/01/24 16:00	26	43.0	163.2	27.7	190.9	5.7			5.4	193	9
29/01/24 17:00	12	26.0	36.2	7.8	44.0	4.4			7.6	196	7
29/01/24 18:00	8	23.0	7.8	3.0	10.8	1.3			7.5	195	8

Station Pier Ambient Air Quality Monitoring

January 2024

1-Hour Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
29/01/24 19:00	6	16.0	0.5	0.7	1.2	0.4			6.3	194	8
29/01/24 20:00	6	17.0	0.1	1.3	1.4	0.2			4.9	192	10
29/01/24 21:00	6	12.0	0.8	5.1	5.9	0.0			4.8	191	11
29/01/24 22:00	3	14.0	0.4	1.4	1.8	-0.1			3.1	177	19
29/01/24 23:00	3	10.0	0.0	0.4	0.4	-0.1			2.8	138	19
30/01/24 00:00	6	12.0	0.0	0.5	0.6	-0.2			2.7	132	17
30/01/24 01:00	6	12.0	0.1	0.4	0.5				2.4	124	17
30/01/24 02:00	2	12.0							3.0	114	9
30/01/24 03:00	1	23.0	0.0	0.5	0.5				2.4	118	16
30/01/24 04:00	3	11.0	0.0	0.9	0.9	0.4			2.4	121	17
30/01/24 05:00	3	17.0	0.3	2.8	3.1	0.2			2.4	114	14
30/01/24 06:00	5	15.0	2.8	3.3	6.2	0.2			2.5	118	14
30/01/24 07:00	5	11.0	1.0	3.9	4.9	0.4			2.7	124	16
30/01/24 08:00	6	11.0	2.1	3.3	5.4	0.1			2.7	137	17
30/01/24 09:00	5	10.0	2.0	2.2	4.2	0.2			2.3	144	20
30/01/24 10:00	6	26.0	10.6	6.7	17.2	0.6			2.4	181	14
30/01/24 11:00	7	21.0	45.1	15.6	60.7	0.8			3.6	196	10
30/01/24 12:00	8	20.0	88.4	22.1	110.5	1.3			4.0	209	8
30/01/24 13:00	13	21.0	66.7	18.1	84.8	0.9			4.5	212	8
30/01/24 14:00	13	25.0	89.4	26.7	116.1	1.1			4.5	207	8
30/01/24 15:00	11	29.0	32.6	12.6	45.2	0.9			5.7	202	9
30/01/24 16:00	14	35.0	16.7	7.7	24.4	0.5			6.8	200	8
30/01/24 17:00	10	29.0	9.5	4.6	14.0	0.4			6.3	197	8
30/01/24 18:00	10	31.0	22.4	9.5	31.9	0.5			6.2	198	7
30/01/24 19:00	12	29.0	4.1	3.6	7.7	0.3			5.3	194	9
30/01/24 20:00	8	29.0	6.4	4.9	11.3	0.5			5.5	192	11
30/01/24 21:00	6	34.0	2.1	1.2	3.3	0.3			3.5	186	16
30/01/24 22:00	6	29.0	2.0	1.6	3.6	0.2			4.4	194	10
30/01/24 23:00	7	28.0	1.0	0.7	1.7	0.3			2.8	180	19
31/01/24 00:00	7	26.0	0.9	0.8	1.7	0.1			2.9	183	18
31/01/24 01:00	5	26.0	3.2	1.7	4.8	0.3			3.8	189	13
31/01/24 02:00	10	40.0							3.1	175	19
31/01/24 03:00	10	40.0	0.1	1.7	1.8	0.3			4.0	186	13
31/01/24 04:00	7	40.0	0.1	1.3	1.4	0.2			4.0	188	11
31/01/24 05:00	11	40.0	0.5	1.2	1.6	0.2			3.2	183	17
31/01/24 06:00	6	40.0	0.1	0.9	0.9	0.3			2.7	169	22
31/01/24 07:00	8	144.0	5.6	2.1	7.7	0.1			1.9	157	19
31/01/24 08:00	10	144.0	13.8	5.3	19.1	0.3			1.9	177	18
31/01/24 09:00	10	144.0	0.8	1.0	1.8	0.3			3.0	178	18
31/01/24 10:00	8	36.0	2.4	1.8	4.2	0.2			4.1	194	11
31/01/24 11:00	8	23.0	9.1	1.6	10.7	0.3			4.1	196	9
31/01/24 12:00	6	21.0	0.5	0.8	1.3	0.3			4.0	194	11
31/01/24 13:00	2	20.0	0.6	0.6	1.2	0.4			6.0	200	6
31/01/24 14:00	3		0.7	0.9	1.7	0.4			5.3	198	7
31/01/24 15:00	4	14.0	0.9	0.9	1.9	0.4			7.3	201	5
31/01/24 16:00	6	16.0	0.7	0.9	1.6	0.4			6.5	196	7

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

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
31/01/24 17:00	6	35.0	0.3	0.7	0.9	0.3			4.5	186	12
31/01/24 18:00	8	27.0	6.4	5.0	11.4	0.5			4.0	188	12
31/01/24 19:00	6	16.0	0.2	0.5	0.7	0.4			4.2	186	13
31/01/24 20:00	5	18.0	0.2	0.5	0.6	0.2			3.5	185	14
31/01/24 21:00	8	13.0	5.5	6.2	11.8	0.4			3.8	189	11
31/01/24 22:00	7	19.0	0.2	3.1	3.3	0.4			3.8	189	11
31/01/24 23:00	7	19.0	0.1	1.1	1.2	0.4			3.7	189	12
01/02/24 00:00	8	15.0	0.1	1.0	1.0	0.3			3.2	190	12

Station Pier Ambient Air Quality Monitoring

January 2024

1-Day Data

Date/Time	PM _{2.5} (µg/m ³)	PM ₁₀ (µg/m ³)	NO (ppb)	NO ₂ (ppb)	NO _x (ppb)	SO ₂ (ppb)	AT (°C)	RH (%)	WS (m/s)	WD (°)	Sigma (°)
1/1/2024	10	25	3.2	3.9	7.1	1.2			1.8	214	20
1/2/2024	10	25	2.9	7.6	10.5	0.2			0.6	225	23
1/3/2024	10	19	16.9	11.8	28.7	0.5			1.1	208	20
1/4/2024	9	26	6.9	3.4	10.4	0.9			2.8	221	11
1/5/2024	7	20	7.4	7.0	14.4	0.6			0.9	183	28
1/6/2024	6	20	2.6	6.1	8.6	0.4			0.4	65	32
1/7/2024	5	12	1.0	5.7	6.7	0.0			1.1	43	29
1/8/2024	4	13	3.0	5.0	8.0	0.3			1.8	228	20
1/9/2024									4.0	205	12
1/10/2024	11	25	9.8	8.8	18.6	0.7			2.3	193	15
1/11/2024	8	17	19.4	6.1	25.5	1.2			2.8	175	13
1/12/2024	11	25	5.8	8.0	13.8	0.5			1.7	203	17
1/13/2024	11	25	2.7	2.4	5.1	0.0			3.6	186	14
1/14/2024	8	24	0.2	1.2	1.4	0.3			4.0	181	12
1/15/2024	9	26	18.8	10.0	28.8	1.8			1.6	142	13
1/16/2024	5	23	1.9	6.0	7.9	0.0			3.1	4	24
1/17/2024	6	17	0.9	4.9	5.8	0.3			2.3	260	14
1/18/2024	8	20	3.5	5.6	9.1	0.3			6.8	263	11
1/19/2024	5	15	1.2	4.3	5.5	0.2			3.0	238	12
1/20/2024	6	17	4.1	8.1	12.2	0.4			1.9	19	19
1/21/2024	8	19	11.3	5.0	16.3	0.6			5.6	214	7
1/22/2024	6	22	29.9	8.0	37.9	0.5			3.8	182	15
1/23/2024	8	26	7.1	9.7	16.7	0.7			0.4	121	23
1/24/2024	9	34	4.5	6.8	11.3	0.8			0.7	184	18
1/25/2024	8	21	6.0	10.3	16.3	0.4			0.5	81	20
1/26/2024	7	23	3.7	5.0	8.7	0.7			3.7	235	11
1/27/2024	8	21	5.2	5.2	10.4	0.7			3.5	245	12
1/28/2024	6	12	2.1	3.9	6.0	1.0			1.3	220	16
1/29/2024	11	24	36.4	11.4	47.9	1.3			2.3	196	14
1/30/2024	7	22	17.7	6.7	24.4	0.5			3.2	181	13
1/31/2024	7	41	2.3	1.8	4.0	0.3			3.9	189	13

Valid Data Exception Table
January 2024
GHD Station Pier

Start Date	End Date	Reason	Change Details	User Name	Change Date
01/01/24 00:00	01/02/24 00:00	Instrument fault - Sensor unrealistic values	AT, RH	FT	29/02/24
01/01/24 01:00	31/01/24 01:55	Automatic daily overnight span and background check followed by instrument stabilisation from 1:00 to 1:55. Data affected intermittently	NO, NO _x , NO ₂ , SO ₂	FT	29/02/24
01/01/24 23:45	31/01/24 23:50	Automatic daily overnight background check followed by instrument stabilisation from 23:45 to 23:55. Data affected intermittently	SO ₂	FT	29/02/24
03/01/24 00:00	30/01/24 02:45	Intermittent additional instrument stabilisation following overnight span and background checks	SO ₂	FT	29/02/24
03/01/24 02:00	28/01/24 23:40	Intermittent static offset of 0.5ppb added to adjust baseline of SO ₂ data	SO ₂	FT	29/02/24
03/01/24 08:15	31/01/23 15:10	Intermittent unrealistic negative values	NO, NO _x , NO ₂	FT	29/02/24
08/01/24 07:00	08/01/24 11:05	Scheduled monthly maintenance - Scheduled maintenance tasks performed	All parameters	FT	29/02/24
09/01/24 02:00	09/01/24 07:15	Station power interruption	All parameters	FT	29/02/24
09/01/24 07:20	09/01/24 10:00	Non-scheduled maintenance - Station power restored, masts raised and wind sensor alignment	All parameters	FT	29/02/24
10/01/24 08:15	10/01/24 09:35	Non-scheduled maintenance - Gas calibrator fault resolved	NO, NO _x , NO ₂ , SO ₂	FT	29/02/24
31/01/24 13:00	31/01/24 13:00	Instrument fault - Data sample collection error	PM ₁₀	FT	29/02/24

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



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